

## ACKNOWLEDGEMENTS

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### SPONSORS

**All data, including phase data, are available on CD-ROM  
 and from the internet - <http://www.isc.ac.uk>**

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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±1.7,21.70S×179.55W,h600km,mb4.6/6,  
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0  
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,  
mb1 3.7/4,mb1mx3.2/14, Error ellipse: s-maj=83.2km  
s-min=20.6km az=159.0  
ISC 01 18:45:43.1±2.7,22.3S±0.2×179.6W±0.3,h613km,42km,  
n22.±15/21,mb4.4/9,1C, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
HBZ	Hicks Bay	15.41	186	eP	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	↑iP	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	Alice Springs	42.74	259	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	Warramunga Arr	42.96	264	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

## 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.





Table with columns: Code, Station Name, Az, El, P, N, S, Res. Includes stations like WVOR Wild Horse Val, CHMT Chamberlain Mo, HLID Hailey, etc.

Table with columns: MCHZ, ALRZ, NMHZ, etc. Includes stations like MCHZ, ALRZ, NMHZ, etc.

Table with columns: CAN, MOO, TO, AFI, etc. Includes stations like CAN, MOO, TO, AFI, etc.

BUIJ 01:21:47.8,39.10S:175.90E,h50km,mB5.5/9,mb5.4/17, Ms4.8/7, Ms7.4/712

ISCJB 01:21:48.9,0.2,39.17S:0.02:175.87E:0.03,h99km,1km, ms2/55, Error ellipse: s-maj=4.1km s-min=3.0km az=22.7

WEL 01:21:50.9,0.1,39.11S:175.89E,h85km,1km, ML5.8/24, Error ellipse: s-maj=0.8km s-min=0.6km az=30.0

WEL Felt between Auckland, Otago and Gisborne, maximum reported intensity MM 5.

NEIC 01:21:50.9,39.11S:175.89E,h51km,mb5.2/15, ML5.8(WEL), After WEL.

NEIC Felt [V] at Hastings, Havelock North, Napier, Palmerston North, Taradale, Taupo, Wanganui and Wellington. Felt throughout the central part of the North Island and in parts of the South Island.

IDC 01:21:51.4,0.9,38.89S:175.95E,h107km,9km,mb4.7/13, mb1.4/8/13,mb1mx4.7/15,mbtmp4.7/13,MS3.6/6, Ms1.3/8/6,ms1mx3.2/16, Error ellipse: s-maj=16.7km s-min=13.5km az=32.0

GCMT 01:21:52.5,0.3,39.14S:175.88E,h96km,2km,MMW5.2, Moment Tensor Solution. s38,c55; s1,c1; Moment tensor: Scale 10^19Nm; Mr0.19;24; Mw7.64;26; Mw7.83;24; Mw2.56;18; Mw0.37;23; Mw2.49;17; Best double couple: Mb.50000x1016 NP1.0x46.00000, s65.00000, s179.00000. NP2.0x137.00000, s89.00000, s125.00000. Principal axes: T 8.5100, Plg18.0000, Azm4.0000; N 0.0300, Plg65.0000; Azm14.0000; P -8.5500, Plg16.0000; Azm269.0000; Data Used: IU II

IC C G. Surface waves: sta= 63, comp= 91, per= 50.

DJA 01:21:52.07,39.10S:175.86E,h21km,mb5.2/22, ISC 01:21:49.9,0.2,39.18S:0.02:175.89E:0.03,h92km,1km, h67km,5,9km,pp-P, n311,0.998/295,mb5.2/55,9C-6D,

Table with columns: Code, Station Name, Az, El, P, N, S, Res. Includes stations like OTVZ Oturere, RITZ Rihia Road, etc.

Table with columns: URZ, URZ, URZ, etc. Includes stations like URZ, URZ, URZ, etc.

Table with columns: CAN, MOO, TO, AFI, etc. Includes stations like CAN, MOO, TO, AFI, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, ULHL Ulahol, KNDK Almaty, etc.

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

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

NEIC 01 03:51:12.9, 16:85N-99:96W, h8km, MD3.5(MEX), After MEX. MEX 01 03:51:12.9-0.6, 16:85N-99:96W, h8km, MD3.5, Near coast of Guerrero

NIED 01 03:55:00.43:30N:146:80E, h47km, Mw3.7. Best double couple: M0.48000x10^14 N1.0x53.00000, delta.100000...

JMA 01 03:55:21.5:2.0, 43:33N:146:76E, h46km, Mw3.9. JMA Felt J1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Waramunga Arr, ASAR Alice Springs, FITZ Fitzroy Cross, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

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

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

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

ISCJB 01 02:13:19.3:1.5, 40:26N:0:09:78:00E:0:09, h10km, Error





1d 4h

2008 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, Frequency, and other parameters. Includes stations like S10A Tonopah Range, Y141 Wickenburg, P15A Prapat, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, Frequency, and other parameters. Includes stations like T1A comp=Z,370nm,1.1s,mb6.1, W16A Flagstaff, 320A Kipp Ranch, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, Frequency, and other parameters. Includes stations like P15A Leamington, V19A Window Rock, DUG Dugway, etc.



TTA	Tatalina	89.76	10	eP	P	04 13 17.9 +0.1
NST	Nakhon Sawan	89.80	287	↑P	P	04 13 20.5 +1.4
P17A	Butcher Ranch	89.81	45	↓P	P	04 13 18.8 +0.1
LMF	Los Pinos Moun	89.82	52	eP	P	04 13 19.3 +0.5
HVU	Hansel Valley	89.83	43	eP	P	04 13 18.6 -0.1
HVU	comp=Z,229nm,1.9s,mb5.8				pmax	
HVU	Hansel Valley	89.83	43	eP	P	04 13 18.6 -0.1
OD2	Odessa Site #2	89.83	36	eP	P	04 13 18.8 +0.3
124A	Stringfield Ra	89.84	53	↑P	P	04 13 19.4 +0.4
CTU	Camp Tracy	89.84	44	eP	P	04 13 19.0 +0.3
M15A	Larsen Ranch	89.85	43	↑P	P	04 13 18.6 -0.1
426A	McDonald Obser	89.87	56	↑P	P	04 13 19.2 0.0
HLID	Hailey	89.88	40	↑P	P	04 13 19.0 +0.2
HLID	Hailey	89.88	40	eP	P	04 13 18.8 -0.1
V21A	Milan	89.89	50	↑P	P	04 13 19.3 +0.2
S19A	Harvey Farm, M	89.91	48	↑P	P	04 13 19.0 -0.2
527A	Woodward Ranch	89.92	56	↑P	P	04 13 19.2 -0.2
J13A	Cove Ranch, Pi	89.93	41	↑P	P	04 13 19.4 +0.3
JLU	Jordanelle	89.98	44	eP	P	04 13 19.5 0.0
Q18A	Rafter H Ranch	89.99	46	↑P	P	04 13 19.0 -0.5
225A	Deer Hill, Far	90.00	54	↑P	P	04 13 19.9 +0.2
DAU	Daniels Canyon	90.00	44	eP	P	04 13 19.5 0.0
K14A	Jones Ranch, D	90.03	42	↑P	P	04 13 19.5 -0.1
Y23A	Lovelace Mesa,	90.03	52	↑P	P	04 13 19.9 0.0
W22A	Albuquerque	90.05	51	↑P	P	04 13 20.5 +0.6
MVCO	Mesa Verde	90.05	48	↑P	P	04 13 19.5 -0.3
MVCO	Mesa Verde	90.05	48	eP	P	04 13 19.7 -0.1
DIV	Divide	90.08	15	eP	P	04 13 19.3 0.0
SML	Sawmill	90.12	13	eP	P	04 13 18.7 -0.8
SML	comp=Z,229nm,1.2s,mb5.1				pmax	
SML	Sawmill	90.12	13	eP	P	04 13 18.7 -0.8
B08A	Colville Reser	90.12	35	↑P	P	04 13 19.2 -0.7
R19A	Curley Farm, L	90.12	47	↑P	P	04 13 19.6 -0.5
WRAK	Wrangell Islan	90.13	23	eP	P	04 13 20.4 +0.7
628A	Black Gap, Mar	90.15	57	↑P	P	04 13 20.1 -0.3
N16A	Rees Ranch, Co	90.15	44	↑P	P	04 13 20.4 +0.2
L15A	Malad City	90.19	43	↑P	P	04 13 20.1 -0.3
O17A	Robbins Place	90.21	45	↑P	P	04 13 20.8 +0.3
U21A	Nageezi	90.21	49	↑P	P	04 13 20.6 0.0
P18A	Preston Nutter	90.21	45	↑P	P	04 13 20.7 +0.2
H12A	Diamond D Ranc	90.21	39	↑P	P	04 13 20.4 0.0
BMRM	Bremner River	90.21	15	eP	P	04 13 19.9 -0.1
Z24A	Sheepen Canyo	90.22	53	↑P	P	04 13 21.0 +0.2
326A	Caldwell Ranch	90.23	55	↑P	P	04 13 20.4 -0.4
I13A	Wildhorse Cree	90.26	40	↑P	P	04 13 20.8 +0.1
ANMO	Albuquerque	90.27	51	P	P	04 13 21.1 +0.2
ANMO	Albuquerque	90.27	51	P	P	04 13 21.1 +0.2
ANMO	comp=Z,35nm,0.9s				pmax	
ANMO	Albuquerque	90.27	51	eP	P	04 13 21.0 +0.1
M16A	Huntsville Place	90.27	44	↑P	P	04 13 20.6 -0.2
J14A	Carey	90.27	41	↑P	P	04 13 21.2 +0.5
X23A	Hourglass Bar	90.27	51	↑P	P	04 13 21.1 +0.2
G12A	Big Creek, Yel	90.29	39	↑P	P	04 13 20.6 -0.1
PV10	Paradox Valley	90.32	47	eP	P	04 13 17.6 -3.5
C09A	Chrisman Ranch	90.32	35	↑P	P	04 13 20.5 -0.3
PPLA	Purkeypile	90.36	11	eP	P	04 13 19.3 -1.4
GD12	Guadalupe Moun	90.38	54	eP	P	04 13 21.6 +0.1
125A	Gardner Draw,	90.40	54	↑P	P	04 13 21.5 -0.1
PV04	Paradox Valley	90.41	47	eP	P	04 13 21.6 +0.1
427A	Hayler Ranch	90.43	56	↑P	P	04 13 21.9 +0.1
PNL	Peninsula	90.47	18	eP	P	04 13 21.2 0.0
Y24A	Capitan	90.47	52	↑P	P	04 13 22.1 +0.3
HWUT	Hardware Ranch	90.47	43	eP	P	04 13 21.2 -0.5
S20A	Disappointment	90.47	48	↑P	P	04 13 21.8 0.0
Q19A	Hogan Spring (	90.48	46	↑P	P	04 13 21.5 -0.3
K15A	Arbon	90.48	42	↑P	P	04 13 21.6 -0.2
PV01	Paradox Valley	90.50	47	eP	P	04 13 21.5 -0.4
226A	Malaga, Loving	90.50	55	↑P	P	04 13 21.9 -0.2
528A	Cox Ranch, San	90.55	57	↑P	P	04 13 22.2 -0.1
N17A	Moffit Pass	90.56	44	↑P	P	04 13 22.2 +0.1
H13A	Challis	90.56	40	↑P	P	04 13 22.1 +0.1
T21A	Navajo Place	90.59	49	↑P	P	04 13 22.3 0.0
W23A	Werner Place,	90.59	51	↑P	P	04 13 22.4 0.0
327A	Balmorhea Ranc	90.61	55	↑P	P	04 13 22.5 -0.1
R20A	Redvale	90.65	47	↑P	P	04 13 22.2 -0.4
I14A	Mackay	90.66	41	↑P	P	04 13 22.8 +0.3
Z25A	Roswell	90.66	53	↑P	P	04 13 22.9 +0.1
F12A	Elk City	90.70	38	↑P	P	04 13 22.2 -0.4
O18A	Roosevelt	90.71	45	↑P	P	04 13 22.7 -0.1
U22A	Llaves	90.73	50	↑P	P	04 13 23.2 +0.1
S21A	Coal Bank Pass	90.77	48	↑P	P	04 13 23.4 +0.2
CLNB	Carlsbad	90.77	54	eP	P	04 13 22.9 -0.4
L16A	Fish Haven	90.79	43	eP	P	04 13 22.8 -0.3
X24A	Lazy VL Ranch,	90.80	52	↑P	P	04 13 23.0 -0.4
TIY	Taiyuan	90.80	312	eP	P	04 13 24.4 +1.1
TIY	comp=Z,240nm,1.1s,mb6.1				pmax	
TIY	comp=N,2um,12.5s				LR	
TIY	comp=E,2um,11.1s				LR	
TIY					LR	

126A	Clayton Basin,	90.86	54	↓P	P	04 13 23.2 -0.5
V23A	Ortiz Mt. (NFS	90.87	50	↑P	P	04 13 24.3 +0.7
G13A	Cobalt	90.89	39	↑P	P	04 13 23.0 -0.1
428A	Kincaid Ranch,	90.90	56	↑P	P	04 13 24.1 +0.1
E12A	Beaver Dam Ssd	90.92	38	↑P	P	04 13 23.2 -0.5
CM1G	Matias Romero	90.94	72	P	P	04 13 24.3 -0.1
CM1G	comp=Z,177nm,0.9s,mb5.1,baz=258,slow=5.0,SNR=19				LR	
CM1G	Matias Romero	90.94	72	P	P	04 13 24.3 -0.1
CM1G	Matias Romero	90.94	72	P	P	04 13 24.3 -0.1
M17A	Scullys Gap (B	90.96	44	↑P	P	04 13 23.6 -0.3
J15A	Blackfoot	90.96	41	↑P	P	04 13 24.5 +0.6
Y25A	Mesa, Roswell	91.00	53	↑P	P	04 13 24.1 -0.2
P19A	Cripple Cowboy	91.03	46	↑P	P	04 13 23.9 -0.4
T22A	Edith	91.03	49	↑P	P	04 13 24.2 -0.2
227A	Bent, Jal	91.08	55	↑P	P	04 13 24.2 -0.6
H14A	Leadore	91.11	40	↑P	P	04 13 24.9 +0.3
Q20A	Ridgley Place	91.12	47	↑P	P	04 13 24.5 -0.2
328A	Wristen Ranch,	91.13	56	↑P	P	04 13 24.2 -0.8
W24A	Lazy 6 Ranch,	91.14	51	↑P	P	04 13 24.7 -0.3
K16A	Soda Springs	91.15	42	↑P	P	04 13 24.9 +0.1
U23A	El Rito	91.17	50	↑P	P	04 13 25.2 +0.1
L17A	Koivelle	91.18	43	↑P	P	04 13 24.3 -0.7
Z26A	Caprock	91.19	54	↑P	P	04 13 24.8 -0.5
NEW	Seymchan	91.21	36	↑P	P	04 13 24.5 -0.4
NEW	Newport	91.21	36	eP	P	04 13 24.3 -0.6
NEW	comp=Z,22nm,0.9s				pmax	
NEW	Newport	91.21	36	eP	P	04 13 24.3 -0.7
TRF	Thorafore Moun	91.22	12	eP	P	04 13 23.6 -1.0
SEY	Seymchan	91.25	347	d/P	P	04 13 24.7 -0.1
SEY	Seymchan	91.25	347	/P	P	04 13 24.7 -0.1
I15A	Mentevie	91.27	41	↑P	P	04 13 25.9 +0.5
O19A	Milners Draw (B	91.30	45	↑P	P	04 13 25.0 -0.5
R21A	Cimarron	91.30	48	↑P	P	04 13 25.7 0.0
M18A	Lyman	91.31	44	↑P	P	04 13 25.2 -0.4
N18A	Larsen Ranch,	91.31	45	↑P	P	04 13 25.3 -0.3
X25A	Clemmons Ranch	91.33	52	↑P	P	04 13 25.5 -0.3
127A	Adkins Junct	91.36	54	↑P	P	04 13 25.4 -0.6
XAN	Xi'an	91.36	307	P	P	04 13 26.8 +0.8
XAN	XAN	04 17 06.8 +0.5			SKS	
XAN	XAN	04 23 42.2			S	
XAN	XAN	04 24 14.0 +3.5			SS	
XAN	XAN	04 30 23.4 +2.6			S	
XAN	comp=Z,33nm,1.0s,mb5.3				pmax	
XAN	comp=Z,190nm,9.2s				pmax	
XAN	comp=N,3um,13.3s				LR	
XAN	comp=E,1um,11.7s				LR	
XAN	comp=Z,2um,12.1s				LR	
J16A	Bone	91.38	42	↑P	P	04 13 26.2 +0.4
AH1D	Auburn Hatcher	91.41	43	eP	P	04 13 26.4 +0.5
C11A	Tepee Creek (N	91.41	36	↑P	P	04 13 25.6 -0.3
G14A	Jackson	91.42	40	↑P	P	04 13 26.1 +0.1
D12A	Red Ives Fores	91.42	37	↑P	P	04 13 25.1 -0.8
LCO	Las Campanas	91.42	123	eP	P	04 13 26.4 -0.2
BDT	Bhumibol Dam	91.46	288	P	P	04 13 29.0 +2.2
S22A	4UR Ranch, Cre	91.46	49	↑P	P	04 13 26.6 +0.2
V24A	Rampart Ranch,	91.50	51	↑P	P	04 13 26.6 0.0
K17A	Gardner Place,	91.51	43	↑P	P	04 13 26.5 +0.1
SKAG	Skagway	91.51	20	eP	P	04 13 26.7 +0.7
SKAG	comp=Z,65nm,1.1s,mb5.6				e	
Q21A	Lamborn Mesa,	91.53	47	↑P	P	04 14 06.9 -1.8
H15A	Lima	91.53	40	↑P	P	04 17 05.1 -1.8
M19A	McKenzie Canyo	91.53	40	eP	P	04 13 26.7 +0.2
NCMT	John Jarvis Ra	91.58	45	↑P	P	04 13 26.0 -0.8
L18A	Fontenelle, Gr	91.60	44	↑P	P	04 13 26.5 -0.4
RR12	Red Ridge	91.60	42	eP	P	04 13 26.8 -0.1
Y26A	Elida	91.63	53	↑P	P	04 13 26.6 -0.6
T23A	Casias Ranch,	91.64	49	↑P	P	04 13 27.2 0.0
BPAW	Bear Paw Mtn.	91.69	11	eP	P	04 13 25.4 -1.4
BPAW	comp=Z,74nm,1.5s,mb5.5				e	
E13A	Victor	91.71	38	↑P	P	04 17 02.3 -5.9
MCK	McKinley	91.73	12	eP	P	04 13 26.2 -1.0
MCK	McKinley	91.73	12	eP	P	04 13 25.9 -1.1
MCK	McKinley	91.73	12	eP	P	04 17 03.9
MCK	comp=Z,62nm,1.1s,mb5.5				pmax	
MCK	McKinley	91.73	12	eP	P	04 13 25.9 -1.1
MCK	comp=Z,62nm,1.1s,mb5.5				pmax	
C12B	Naegeli Ranch,	91.75	37	↑P	P	04 17 03.9 -4.6
R22A	Saguache, Gunn	91.76	48	↑P	P	04 13 27.0 +0.3
PAX	Paxson	91.77	14	eP	P	04 13 24.8 -2.3
PAX	comp=Z,51nm,1.2s,mb5.4				e	
PAX	Paxson	91.77	14	eP	P	04 17 05.3
PAX	comp=Z,51nm,1.2s,mb5.4				pmax	
Z27A	Tatum	91.77	54	↑P	P	04 13 27.5 -0.7
Q20A	White River Ci	91.78	46	↑P	P	04 13 27.4 -0.4
I16A	Newdale	91.80	41	↑P	P	04 13 28.3 +0.5
F14A	Wisdom	91.80	39	↑P	P	04 13 27.3 -0.4
W25A	X Bar Ranch,	91.82	52	↑P	P	04 13 27.8 -0.3
U24A	Moreno Valley	91.84	50	↑P	P	04 13 28.3 +0.2
KMI	Kunming	91.86	297	P	P	04 13 29.8 +1.3
KMI	KMI	04 14 08.3 -1.9			pP	
KMI	KMI	04 14 26.3 -2.7			PP	
KMI	KMI	04 17 16.3 +5.9			SS	
KMI	KMI	04 23 47.2			S	
KMI	KMI	04 24 18.1 +2.8			S	
KMI	KMI	04 25 28.1 -1.6			S	

KMI	comp=Z,100nm
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1d 4h

2008 SEP

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Rows include L20A Wamsutter, C14A Swan Lake, Q23A Hartsfield, etc.

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Rows include L22A Ellis Ranch, F18A Big Timber, J21A Lygite, etc.

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Rows include OTAV DGMT Dagmar, INK Inuvik, INK Inuvik, etc.





1d 4h

2008 SEP

10

Table with multiple columns containing station names, coordinates, and various data points. The table is organized into several vertical sections, each starting with a station name and followed by numerical and categorical data. The data points include coordinates, station identifiers, and various performance metrics.



1d 4h

2008 SEP

KKAR	Karath Array	5.86	11	ePn	Pn	04 26 00.1	+1.7
KKAR	comp=Z,15nm,0.6s						
KKAR	Karath Array	5.86	11	ePn	Pn	04 26 00.1	+1.7
KKAR	comp=Z,15nm,0.6s						
KKAR	Kashi	5.92	67	eS	Sg	04 27 36.8	-1.7
KSH						04 25 56.6	-2.6
KSH						04 27 00.2	-7.5
KSH	comp=N,7um,1.6s						
AML	Almayushu	6.00	36	P	Pn	04 26 02.8	+2.4
AML	SNR=402						
SARF	Sargodha	6.24	149	P	Pn	04 26 06.2	+2.6
EKS2	Erkin-Say	6.46	34	P	Pn	04 26 09.4	+2.7
EKS2	SNR=207						
UCH	Erkin-Say	6.46	34	ePn	Pn	04 26 08.4	+1.8
UCH	Uchtor	6.48	40	P	Pn	04 26 10.1	+3.2
UCH	SNR=158						
UCH	Uchtor	6.48	40	ePn	Pn	04 26 10.0	+3.2
UCH						04 27 22.2	+0.8
JMU	Jammu	6.73	132	eS	Sb	04 26 32.0	+3.8
JMU						04 27 26.5	-1.3
JMU						04 26 13.5	+2.7
KZA	Kyzart	6.76	44	P	Pn	04 26 13.6	+2.8
KZA	SNR=428						
AAK	Ala-Archa	6.77	37	P	Pn	04 26 13.3	+2.4
AAK	SNR=1044						
AAK	Ala-Archa	6.77	37	Pn	Pn	04 26 13.3	+2.4
AAK	comp=E,5.6nm,0.3s,baz=74,slow=19,SNR=1054						
AAK						04 28 04.8	
AAK	Ala-Archa	6.77	37	P	Pn	04 26 13.1	+2.2
AAK	comp=Z,270nm,0.7s						
AAK	Ala-Archa	6.77	37	ePn	Pn	04 26 13.2	+2.3
AAK	SNR=148						
AAK	Ala-Archa	6.77	37	Pn	Pn	04 26 13.6	+2.7
AAK	comp=Z,9um,0.5s						
AAK	Ala-Archa	6.77	37	P	Pn	04 26 13.4	+2.5
KBK	Karagaybulak	7.01	39	P	Pn	04 26 16.8	+2.6
KBK	SNR=160						
CHMS	Chumysh	7.17	36	P	Pn	04 26 18.5	+2.2
CHMS	SNR=89						
USP	Ospenovka	7.26	34	P	Pn	04 26 19.2	+1.6
USP	SNR=243						
ULHL	Ujholi	7.43	47	P	Pn	04 26 22.5	+2.5
ULHL	SNR=199						
DLH	Dalhousie	7.50	128	eS	x	04 26 31.0	
DLH						04 28 34.0	
TKM2	Tokmak 2	7.53	40	P	Pn	04 26 23.2	+1.9
TKM2	comp=Z,622nm,0.6s						
TKM2						04 27 45.4	-2.0
TKM2						04 28 29.6	
TKM2	comp=Z,2um,1.2s						
TKM2	Tokmak 2	7.53	40	P	Pn	04 26 24.0	+2.7
TKM2	SNR=126						
TKM2	Tokmak 2	7.53	40	ePn	Pn	04 26 23.2	+1.9
ISRO	Mashad	7.67	265	eP	Pn	04 26 21.2	-2.1
MHI	Mashad	7.67	265	eP	Pn	04 26 22.0	-1.3
IMOG	Moghan	7.82	254	eP	Pn	04 26 23.6	-1.7
IAKL	Akhneldad	8.19	268	eP	Pn	04 26 28.2	-2.3
IEMG	Emangholi	8.20	273	eP	Pn	04 26 27.5	-3.0
IKRD	Kardeh	8.36	260	eP	Pn	04 26 20.0	-1.3
ASH	Ashkhabad	8.43	277	P	Pn	04 26 28.0	-5.7
KNDC	Almaty	8.46	44	P	Pn	04 26 36.0	+1.8
KNDC	comp=Z,2um,0.6s						
AAA	Alma-Ata	8.49	43	iP	Pn	04 26 36.1	+1.6
AAA						04 28 08.1	-2.9
AAA	comp=Z,5um,1.6s						
AAA							
AAA	comp=E,2um,2.9s						
AAA	Alma-Ata	8.49	43	eP	Pn	04 26 36.2	+1.7
BHK	Bhakra	8.56	132	ePKP	Pn	04 26 33.8	-1.7
BHK						04 28 58.4	
VAN	Vannovskaya	8.62	277	eP	Pn	04 26 32.3	-4.0
VAN	SNR=52						
ISFR	Sfrany	8.74	271	eP	Pn	04 26 36.2	-1.8
IDAH	Dahanecah	8.76	241	eP	Pn	04 26 40.2	+2.0
SDNR	Sundarnagar	8.84	129	ePKP	Pn	04 26 40.5	+1.2
SDNR						04 28 21.5	
ISHV	Shirvan	8.95	274	eP	Pn	04 26 38.4	-2.4
SMLA	Simla	9.21	130	iP	Pn	04 26 45.0	+0.5
SMLA						04 29 32.2	
IKOO	Kooshah	9.54	242	eP	Pn	04 26 48.9	0.0
KLP	Kalpa	9.63	124	ePKP	Pn	04 26 50.0	-0.2
KLP						04 28 23.9	
DDI	Dehra Dun	10.32	130	ePKP	Pn	04 26 59.3	-0.4
DDI						04 28 57.0	
KHET	Khetri	10.91	146	ePKP	Pn	04 27 06.6	-1.1
KHET						04 27 13.4	
KHET	comp=Z,81nm,1.1s						
KHET	New Delhi	11.09	139	ePKP	Pn	04 27 10.2	+0.1
NDI						04 27 13.9	
NDI	comp=Z,270nm,1.2s						
NDI	Joshimath	11.12	125	ePKP	Pn	04 27 10.0	-0.6
JOSI						04 29 03.0	
KUDL	Kundal	11.17	143	eS	Pn	04 27 05.9	-5.4
KUDL						04 27 08.8	
KUDL	comp=Z,263nm,1.2s						
KUDL	Aya Nagar	11.20	140	ePKP	Pn	04 27 10.9	-0.8
AYAN						04 27 15.2	
AYAN	comp=Z,156nm,1.0s						
SONA	Sohna	11.37	141	ePKP	Pn	04 27 13.1	-0.9
SONA						04 27 20.1	
SONA	comp=Z,153nm,1.3s						
SONA	Ajmer	11.88	154	ePKP	Pn	04 27 19.6	-1.4
AJM						04 27 22.1	
AJM	comp=Z,28nm,0.9s						
AJM	Pithoragarh	12.21	126	ePKP	Pn	04 29 13.0	
PTH						04 27 23.5	-2.0
PTH						04 29 32.2	-1.0
PTH						04 27 25.1	-1.1
IANJ	Anjilo	12.26	266	eP	Pn	04 27 29.8	+1.0
IBAF	Bafgh	12.45	246	eP	Pn	04 27 30.7	+1.2
ISHM	Shahmirzad	12.69	251	eP	Pn	04 27 35.8	-0.4
ICHK	Chekchek	12.99	251	eP	Pn	04 27 35.0	-1.8
ILAS	Lasjerd	13.04	266	eP	Pn	04 27 40.4	+0.7
IMEH	Mehriz	13.25	247	eP	Pn	04 27 41.3	-2.6
AB31	Akbulak array	13.26	334	Pn	Pn	04 27 41.3	-2.6
AB31	comp=Z,160nm,0.6s,baz=164,slow=12,SNR=623						
AB31	comp=Z,334nm,0.8s,baz=170,slow=24						
AB31	Akbulak array	13.56	334	iP	Pn	04 27 41.3	-2.6
ABKAR	Akbulak array	13.56	334	ePn	Pn	04 27 41.4	-2.4
ABKAR	comp=Z,5.2nm,1.3s						
ABKAR						04 29 14.9	
MK31	Makanchi Array	13.66	42	Pn	Pn	04 27 44.9	-0.3
MK31	SNR=192nm,0.9s,baz=238,slow=7,SNR=391						
MK31	Makanchi Array	13.66	42	iP	Pn	04 27 44.8	-0.4
MK31	comp=Z,223nm,0.8s						
MK31	Makanchi Array	13.66	42	ePn	Pn	04 27 44.6	-0.5
MKAR	Makanchi Array	13.66	42	Pn	Pn	04 27 44.5	-0.6
MKAR	comp=Z,1.1nm,0.3s,baz=228,slow=13,SNR=224						
MKAR						04 31 52.0	
MKAR	comp=Z,1.0nm,0.3s,baz=254,slow=25,SNR=2.5						
IZEF	Zefreh	14.31	257	eP	Pn	04 27 53.1	-1.1
IBND	Bandar-abas	14.39	230	eP	Pn	04 27 55.4	+0.1
IKLH	Kolahrood	14.74	259	eP	Pn	04 27 57.9	-2.1
KURBB	Kurchatov Arra	14.92	24	Pn	Pn	04 27 59.3	-3.1
KURK	Kurchatov	15.03	24	Pn	Pn	04 28 00.5	-3.4
KURK	comp=Z,127nm,1.3s						
KURK	Kurchatov	15.03	24	Pn	Pn	04 27 59.0	-4.9
KURK	comp=Z,1.9nm,0.3s,baz=214,slow=12,SNR=59						
KURK						04 32 18.2	
KURK	Kurchatov	15.03	24	eP	Pn	04 28 00.4	-3.5
KURK	comp=Z,0.8nm,0.3s,baz=181,slow=26,SNR=3.8						
KURK						04 28 00.4	-3.5
KURK	comp=Z,158nm,1.7s						
KURK	Kurchatov	15.03	24	ePn	Pn	04 28 01.0	-2.9
KURK	SNR=20					04 28 01.4	-2.4
AKTK	Aktubinsk	15.23	333	Pn	Pn	04 28 04.0	-2.6

AKTK						04 30 43.1	-1.3
AKTK						04 32 39.1	
AKTK						04 34 19.9	
AKTK	Aktubinsk	15.23	333	Pn	Pn	04 28 04.4	-2.2
AKTK	comp=Z,28nm,0.8s						
AKTK						04 30 47.2	-8.8
AKTK	comp=Z,45nm,0.9s						
AKTK	Aktubinsk	15.23	333	Pn	Pn	04 28 04.0	-2.6
AKTK	comp=Z,2.8nm,0.3s,baz=151,slow=14,SNR=58						
AKTK						04 30 43.1	-1.3
AKTK	comp=Z,3.9nm,0.3s,baz=315,slow=20,SNR=4.0						
AKTK						04 32 39.1	
AKTK	comp=Z,1.2nm,0.3s,baz=223,slow=19,SNR=2.8						
AKTK						04 34 19.9	
AKTK	comp=Z,5um,18.2s,baz=148,slow=38						
AKTK	Aktubinsk	15.23	333	P	Pn	04 28 04.4	-2.2
AKTK						04 30 47.1	
AKTK	comp=Z,28nm,0.8s						
AKTK							
AKTK	comp=N,45nm,1.0s						
DANN	Dangsing	15.34	122	eP	Pn	04 28 04.3	-3.8
DANN	comp=Z,2um,1.1s						
VOSK							













Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Forrest, Flin Flon, Peaks-Kenny Pk, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like BMN, KSU1, CCM, DUG, ISCO, JOHN, HOPS, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like LPAZ, NNA, TROA, CFAA, LCO, LMEL, etc.

Table with columns: ID, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes U25A through M17A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes SCHG through NOA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes NOA through RPZ.

1.1nm,0.9s,mb3.8,baz=68,slow=4.7,SNR=3.5
NOA NORSAR Array B 73.72 328 P P 04 54 51.0 0.0
AKASG Malin Array Be 74.16 332 P P 04 54 33.6 -0.6

TRN 01 05:24:49.3, 17:47N-61:36W, h23km, MD3.5, M3.7(FDF)
NEIC 01 05:24:49.3, 0.1755N-61:28W, h10km, Error ellipse:
s-maj=35.5km s-min=14.5km az=51.0

1DC 01 04:42:56.3, 0.8, 37.92N, 142.62E, h0km, mb3.9/10,
mb1.4/0.11, mb1mx3.9/23, mbtmp3.8/11, ML3.4/1, MS3.8/1,
Ms1.3.8/1, ms1mx2.8/36, Error ellipse: s-maj=24.0km
s-min=20.2km az=87.0

AFI Afiamalu 4.70 72 Op ISC h m s ISC
5.8nm,0.3s,baz=144,slow=8.7,SNR=6.7
AFI comp=2.6um,19.9s,baz=242,slow=36
4.70 72 Pn 05 32 27.8 -10

ARMA Armadale	32.89 237 eP	P	05 37 59.5 +0.3
ARMA Armadale	32.89 237 eP	P	05 37 59.7 +0.5
MCGCD Mangrove Creek	128nm, 1.8s, mb5.5 110nm, 1.4s, mb5.6	eP	05 38 11.9 +0.3
CTA Charters Tower	35.84 257 LR	LR	05 50 55.4
Nuku Nuku Hiva Isla	comp=Z, 677nm, 20.5s, MS4.4, baz=6.4, SNR=33	eP	05 47 51.4
NOB Canbera Magne	36.49 231 eP	P	05 38 29.8 -0.4
YNG Young	38.83 233 eP	P	05 38 33.0 -0.1
CMSA Cobarr Meteorol	38.09 238 eP	P	05 38 43.1 -0.7
RKT Rikitea	39.73 108 eLR	LR	05 49 45.1
STKA Stephens Creek	41.55 239 P	P	05 39 12.1 -0.5
STKA Stephens Creek	23nm, 1.1s, mb4.7, baz=80, slow=6.9, SNR=11	LR	05 55 52.9
STKA Stephens Creek	comp=Z, 743nm, 18.1s, MS4.6, baz=51, slow=35	P	05 39 11.8 -0.8
STKA Stephens Creek	21nm, 1.2s, mb4.7	eP	05 39 12.6 +0.1
WB2 Warramunga Arr	47.03 257 eP	P	05 39 56.4 -0.1
WRA Warramunga Arr	47.04 257 P	P	05 39 55.0 -1.7
WRA Warramunga Arr	13nm, 1.1s, mb4.8, baz=89, slow=8.0, SNR=32	PcP	05 41 27.8 -0.4
ASAR Alice Springs	47.37 252 P	P	05 39 57.4 -1.8
KAKA Kakadu	49.63 266 eP	P	05 40 16.3 -0.3
KAKA Kakadu	388nm, 1.6s, mb6.2	P	05 40 16.9 +0.3
KNA Kununurra	52.71 262 P	P	05 40 39.1 -0.6
KNA Kununurra	47nm, 1.2s, mb5.3	P	05 40 39.8 +0.1
FORT Forrest	52.85 243 eP	P	05 40 40.7 +0.1
FITZ Fitzroy Crossi	55.39 258 eP	P	05 40 58.6 -0.7
NLAI Namlea	56.90 276 P	P	05 41 11.4 +1.3
MBWA Marble Bar	60.59 254 P	P	05 41 35.5 -0.2
KDI Kendari	61.01 274 P	P	05 41 39.0 +0.4
KLBR Kellerberrin	61.69 242 eP	P	05 41 41.9 -1.0
MRSI Marisa	62.91 279 P	P	05 41 51.0 -0.4
SBA Scott Base	63.02 184 eP	P	05 41 52.8 +1.7
SBA Scott Base	comp=Z, 143nm, 1.5s, mb5.9	LR	05 41 52.8 +1.7
SBA Scott Base	63.02 184 eP	P	05 41 52.8 +1.7
BKSI Bulukumba	63.07 272 P	P	05 41 52.2 -0.2
MORW Morawa	63.28 245 eP	P	05 41 52.5 -1.1
BNSI Bone	63.32 273 P	P	05 41 54.5 +0.4
ADK Adak	67.01 360 eP	P	05 42 16.4 -0.7
ADK Adak	comp=Z, 49nm, 1.4s, mb5.3	LR	05 42 16.4 -0.7
ADK Adak	67.01 360 eP	P	05 42 16.4 -0.7
MJAR Matsushiro Arr	67.12 322 P	P	05 42 16.8 -1.4
MAT Matsushiro	comp=Z, 2.3nm, 0.7s, mb4.3, baz=164, slow=5.7, SNR=8.6	P	05 42 16.4 -1.8
ATKA Atka Isla	67.35 311 eP	P	05 42 18.4 -1.0
KBKI Kotabaru	67.40 273 P	P	05 42 22.0 +1.5
MYDM Lahad Datu	67.64 282 P	P	05 42 24.7 +2.7
SMY Shemya	68.35 354 eP	P	05 42 25.0 -0.6
SMY Shemya	comp=Z, 150nm, 1.4s, mb5.8	LR	05 42 24.9 -0.6
SMY Shemya	68.35 354 eP	P	05 42 24.9 -0.6
CASEY Casey	69.20 204 eP	P	05 42 29.8 -1.0
PEAOB Petropavlovsk	71.80 344 eP	P	05 42 46.1 -0.6
PETK Petropavlovsk	71.80 344 eP	P	05 42 46.4 -0.4
PETK Petropavlovsk	comp=Z, 220nm, 1.1s, mb5.0, baz=118, slow=8.6, SNR=18	LR	06 16 24.7
SBUM Sibiu	72.77 278 P	P	05 42 54.8 +1.4
STKI Sintang	72.81 275 P	P	05 42 55.5 +1.8
KSR5 Korea Array	74.18 317 P	P	05 43 01.9 +0.8
KSM Kuching	74.33 276 eP	P	05 43 02.8 +0.2
KSM Kuching	comp=Z, 56nm, 1.5s, mb5.3	P	05 43 03.1 +0.5
VES Vestal, Richgr	74.37 45 eP	P	05 43 02.1 -0.2
BFSQ Mount Baldy Ra	74.52 47 eP	P	05 43 03.1 -0.1
QSPC South Pole Qui	74.63 180 eP	P	05 43 04.3 +1.2
ISA Isabella	74.69 46 eP	P	05 43 04.1 -0.1
ISA Isabella	baz=75, SNR=9.2	P	05 43 04.4 +0.2
ISA Isabella	74.69 46 eP	P	05 43 04.4 +0.2
ISA Isabella	comp=Z, 28nm, 1.4s, mb5.0	P	05 43 04.4 +0.2
CMB Columbia Colle	74.70 43 eP	P	05 43 04.7 +0.5
CMB Columbia Colle	74.70 43 eP	P	05 43 04.7 +0.5
CMB Columbia Colle	comp=Z, 12nm, 1.2s, mb4.7	P	05 43 04.7 +0.5
MONP Monument Peak	74.72 49 eP	P	05 43 04.8 +0.4
LEM Lembang	74.76 267 P	P	05 43 06.0 +0.9
WDC Whiskeytown Da	74.79 40 eP	P	05 43 04.6 0.0
WDC Whiskeytown Da	comp=Z, 26nm, 1.4s, mb5.0	P	05 43 04.6 0.0
WDC Whiskeytown Da	74.79 40 eP	P	05 43 04.6 0.0
SWSC Sam W. Stewart	75.20 49 eP	P	05 43 07.8 +0.6
YBH Yreka Blue Hor	75.37 39 P	P	05 43 08.4 +0.4
YBH Yreka Blue Hor	comp=Z, 20nm, 1.2s	P	05 43 08.4 +0.4
YBH Yreka Blue Hor	comp=Z, 20nm, 1.2s, mb4.9	P	05 43 08.4 +0.4
CWC Cottonwood Cre	75.37 45 eP	P	05 43 08.6 +0.5
MLAC Mammoth Lakes	75.50 44 eP	P	05 43 09.3 +0.6
MTUM Tungsten Hills	75.53 44 eP	P	05 43 09.4 +0.5
KDAD Kodiak Island	75.54 13 LR	LR	06 13 01.5
WAKR Walker	75.54 43 eP	P	05 43 09.8 +0.5
MPMC Manual Prospec	75.58 46 eP	P	05 43 09.0 -0.3
BELC Belle Mtn. Jos	75.58 48 eP	P	05 43 09.6 +0.3
GSC Goldstone	75.67 47 eP	P	05 43 10.0 +0.2
GSC Goldstone	75.67 47 eP	P	05 43 10.4 +0.6
GSC Goldstone	comp=Z, 14nm, 1.2s, mb4.8	P	05 43 10.4 +0.6
GSC Goldstone	75.67 47 eP	P	05 43 10.4 +0.6
HUMO Hull Mountain	75.75 38 eP	P	05 43 11.2 +1.1
HEC Hector, Ludlow	75.76 47 eP	P	05 43 10.4 0.0
BC3 Big Chuckawall	75.80 49 eP	P	05 43 10.8 +0.1
WCN Washoe City	75.81 42 eP	P	05 43 10.4 -0.1
112A Yuma	75.90 50 eP	P	05 43 11.8 +0.6
GLA Glamis	75.97 50 eP	P	05 43 12.0 +0.5
GLA Glamis	75.97 50 eP	P	05 43 12.9 +1.3
GLA Glamis	comp=Z, 31nm, 1.4s, mb5.0	P	05 43 12.9 +1.3
GLA Glamis	75.97 50 eP	P	05 43 12.9 +1.3
GRAC Grapevine Rang	76.15 45 eP	P	05 43 13.2 +0.6
GMRC Granite Mounta	76.21 48 eP	P	05 43 12.6 -0.3

FURC Furnace Creek,	76.23 46 eP	P	05 43 12.8 -0.2
IRM Iron Mountain	76.27 48 eP	P	05 43 13.3 0.0
PAHR Pat Rah Range	76.28 42 eP	P	05 43 13.3 +0.1
NVAR Mina Array Bay	76.28 43 eP	P	05 43 13.4 +0.1
Y12C Blythe	76.53 49 eP	P	05 43 14.7 0.0
U10A Ash Meadows, A	76.57 46 eP	P	05 43 14.9 0.0
113A Mohawk Valley,	76.61 50 eP	P	05 43 15.0 -0.2
Z13A Yuma Proving G	76.90 50 eP	P	05 43 16.6 -0.2
V11A Goodsprings	76.90 47 eP	P	05 43 16.9 +0.1
MOD Modoc	76.93 39 eP	P	05 43 16.8 0.0
214A Organ Pipe Nat	76.95 51 eP	P	05 43 17.2 0.0
K05A Sumner Lake	77.05 39 eP	P	05 43 17.6 +0.1
Y13A Salome	77.06 49 eP	P	05 43 17.7 -0.1
S10A Tonopah Range,	77.16 45 eP	P	05 43 18.0 -0.2
V12A Nelson	77.26 47 eP	P	05 43 19.0 +0.2
114A Black Gap (USA	77.26 51 eP	P	05 43 18.6 -0.2
MDJ Mudanjiang	77.30 324 P	P	05 43 19.7 +0.9
MDJ Mudanjiang	comp=Z, 13nm, 1.4s, mb4.7	P	05 43 29.9 +0.6
MDJ Mudanjiang	77.30 324 P	P	05 46 13.0 -0.8
MDJ Mudanjiang	05 53 09.2 +4.2	P	
MDJ Mudanjiang	comp=Z, 110nm, 7.4s	LR	
MDJ Mudanjiang	comp=N, 82nm, 28.9s	LR	
MDJ Mudanjiang	comp=E, 97nm, 34.7s	LR	
MDJ Mudanjiang	comp=Z, 93nm, 37.1s	LR	
SHPR Sheep Range	77.42 46 eP	P	05 43 20.1 +0.3
H04A Detroit Lake	77.44 36 eP	P	05 43 19.8 +0.2
R10A Wintersburg	77.50 50 eP	P	05 43 20.1 -0.2
Z14A Warm Springs	77.55 44 eP	P	05 43 20.8 +0.4
S11A Rachel	77.59 45 eP	P	05 43 20.9 +0.3
Y14A Wickenburg	77.73 50 eP	P	05 43 21.2 -0.2
115A Sonoran Desert	77.73 51 eP	P	05 43 21.7 +0.2
T11A Corn Creek, Al	77.75 46 eP	P	05 43 21.4 -0.1
Q10A Clear Creek Ra	77.76 44 eP	P	05 43 21.5 -0.1
E03A Lebam	77.81 34 eP	P	05 43 21.6 0.0
U12A Valley of Fire	77.82 47 eP	P	05 43 22.0 +0.1
NJ2 Nanjing	77.89 308 eP	P	05 43 13.3 -9.1
Z16A Three Points,	77.92 52 eP	P	05 43 23.1 +0.1
Z15A Gila River Ind	78.05 50 eP	P	05 43 23.4 +0.1
116A Eloy	78.06 51 eP	P	05 43 23.4 0.0
X14A Yava	78.06 49 eP	P	05 43 23.1 -0.2
R11A Troy Canyon, C	78.06 45 eP	P	05 43 22.7 -0.5
BMN Battle Mountai	78.06 42 eP	P	05 43 23.4 +0.2
BMN Battle Mountai	comp=Z, 223nm, 1.3s, mb5.0	P	05 43 23.4 +0.2
BMN Battle Mountai	78.06 42 eP	P	05 43 23.4 +0.2
S12A Delamar Landin	78.19 46 eP	P	05 43 24.1 +0.1
U13A Pakoon Wash	78.22 47 eP	P	05 43 23.9 -0.2
Y15A Casa Rosa Ranc	78.23 50 eP	P	05 43 24.2 0.0
WVOR Wild Horse Val	78.25 40 eP	P	05 43 24.1 -0.1
WVOR Wild Horse Val	comp=Z, 17nm, 1.2s, mb4.8	P	05 43 24.1 -0.1
WVOR Wild Horse Val	78.25 40 eP	P	05 43 24.1 -0.1
Q11A Duckwater	78.27 44 eP	P	05 43 24.0 -0.3
W14A Selgin	78.27 48 eP	P	05 43 24.4 -0.1
W14A Selgin	baz=78, SNR=10	P	05 43 24.6
Z17A Green Valley	78.38 52 eP	P	05 43 25.3 +0.2
V14A Boquillas Ranc	78.45 48 eP	P	05 43 25.6 +0.2
V14A Boquillas Ranc	baz=78, SNR=11	P	05 43 25.8
SLKM Skilak Lake	78.53 13 eP	P	05 43 24.1 -1.2
X15A Humboldt	78.54 49 eP	P	05 43 26.1 +0.1
X15A Humboldt	baz=79, SNR=16	P	05 43 26.6
T13A Saint George	78.55 46 eP	P	05 43 25.8 -0.2
Z16A Peralta Trail,	78.62 51 eP	P	05 43 26.7 +0.3
TUC Tucson	78.64 52 eP	P	05 43 27.0 +0.4
TUC Tucson	comp=Z, 37nm, 1.4s, mb5.1	P	05 43 27.0 +0.5
TUC Tucson	78.64 52 eP	P	05 43 27.0 +0.5
I07A Izeze	78.65 38 eP	P	05 43 27.1 +0.8
G06A Carlson Farm,	78.66 37 eP	P	05 43 26.3 -0.1
R12A Pony Springs,	78.72 45 eP	P	05 43 26.6 -0.2
117A Oracle	78.79 52 eP	P	05 43 27.7 +0.3
Y16A Circle Bar Ran	78.82 50 eP	P	05 43 27.7 +0.2
W15A Circle Bar Ran	78.84 49 eP	P	05 43 28.4 +0.8
S13A Holt Ranch, En	78.86 46 eP	P	05 43 27.9 +0.2
318A Bisbee	78.86 53 eP	P	05 43 28.1 +0.3
J08A Circle Bar Ran	78.87 39 eP	P	05 43 27.2 -0.3
LON Longmire	78.89 35 eP	P	05 43 27.7 +0.1
LON Longmire	comp=Z, 12nm, 1.3s, mb4.7	P	05 43 27.7 +0.1
LON Longmire	78.89 35 eP	P	05 43 27.7 +0.1
Q12A Willow Creek R	78.92 44 eP	P	05 43 27.6 -0.3
D05A Enumclaw	79.05 34 eP	P	05 43 29.6 +1.1
R18A Dragon	79.06 52 eP	P	05 43 29.1 +0.2
Z13A O'Grain Ranch,	79.08 45 eP	P	05 43 28.8 0.0
P12A McGill	79.09 44 eP	P	05 43 29.0 +0.2
X16A Lo Mia Camp, P	79.10 50 eP	P	05 43 29.3 +0.3
X16A Lo Mia Camp, P	baz=79, SNR=19	P	05 43 30.0
T14A Hurricane	79.15 47 eP	P	05 43 29.1 -0.2
CCUT Cedar City	79.19 46 eP	P	05 43 30.1 +0.7
V15A Kaibab Nationa	79.21 48 eP	P	05 43 29.8 +0.2
Y17A Roosevelt	79.21 51 eP	P	05 43 29.8 +0.1
Y17A Roosevelt	comp=Z, 16nm, 1.4s, mb4.8	P	05 43 29.8 +0.2
Y17A Roosevelt	79.21 51 eP	P	05 43 29.8 +0.1
Y17A Roosevelt	baz=79, SNR=11	P	05 43 30.6

baz=79			
CN2 Changchun	79.27 321 eP	P	05 43 32.4 +2.7
CN2 Changchun	comp=Z, 10.0nm, 0.8s, mb4.8	LR	05 43 32.0 -1.0
CN2 Changchun	79.27 321 eP	P	05 43 31.0 +4.8
CN2 Changchun	comp=Z, 200nm, 4.0s	LR	
CN2 Changchun	comp=N, 200nm, 18.0s, MS4.8	LR	
CN2 Changchun	comp=E, 300nm, 18.0s, MS4.8	LR	
CN2 Changchun	comp=Z, 400nm, 19.0s, MS4.8	LR	
Z17A San Carlos Hig	79.31 51 eP	P	05 43 30.3 +0.1
W16A Flagstaff	79.34 49 eP	P	05 43 30.7 +0.3
319A Flagstaff	baz=79, SNR=8.0	P	05 43 30.9 +0.2
118A Homack Ranch,	79.39 52 eP	P	05 43 31.0 +0.3
U15A North Rim	79.41 48 eP	P	05 43 30.9 +0.2
Q13A Wheeler Ranch,	79.42 45 eP	P	05 43 30.3 -0.4
S14A Cedar City	79.43 46 eP	P	05 43 30.7 0.0
X17A Forest Lakes	79.53 50 eP	P	05 43 31.4 0.0
Z18A Geromino	79.55 51 eP	P	05 43 31.7 +0.2
O12A Currie	79.60 43 eP	P	05 43 31.1 -0.5
T15A Red Dirt Ranch	79.62 47 eP	P	05 43 31.5 -0.4
T15A Red Dirt Ranch	baz=80, SNR=7.5	P	05 43 31.6
WUAZ Wupatki	79.65 49 eP	P	05 43 32.2 +0.2
WUAZ Wupatki	baz=80, SNR=5.3	P	05 43 32.6 +0.6
G08A Pilot Rock	79.66 37 eP	P	05 43 32.5 +0.7
Z19A White Tail Can	79.67 53 eP	P	05 43 32.4 +0.2
P13A Bates Ranch, G	79.68 44 eP	P	05 43 31.9 -0.1
JCW Jim Creek	79.69 34 eP	P	05 43 31.6 -0.3
TTA Tatiana	79.70 9 eP	P	05 43 31.9 +0.3
PMR Palmer	79.74 13 eP	P	05 43 31.4 -0.5
PMR Palmer	comp=Z, 46nm, 1.4s, mb5.2	P	05 43 31.4 -0.5
Y18A Canyon Day Jun	79.85 51 eP	P	05 43 33.9 +0.7
E07A Sunnyside	79.86 36 eP	P	05 43 33.0 +0.1
RSW Pattensnake Hi	79.92 36 eP	P	05 43 33.8 +0.6
W17A Winslow	79.93 49 eP	P	05 43 34.3 +0.8
Q14A Sevier Lake (B	79.95 45 eP	P	05 43 33.6 +0.1
320A Kip Ranch, A	79.95 54 eP	P	











Table with columns: STA, Charters Tower, Azimuth, Elevation, SNR, and other parameters. Includes stations like CTA, CTAO, PMG, STKA, COEN, ASAR, WRA, KAKA, GUMO, FITZ, FITZ, FITZ, FITZ, SBA, NLAI, NWAO, NWAO, MBWA, TNTI, KDI, BKSI, CASY, CASY, MRSI, TTST, QSPA, PWJI, PCJI, LEM, MJAR, MAT, KSM, KSM, KSM, MDSI, KRSR, MAW, MAW, PETK, PMSA, PMSA, NJJ, NJ2, MDSI, MDSI, MDJ, MDJ, MDJ, MURC, VES, BFSC, KULM, MONP, EDWZ, DVTC, ISA, ISA, CMB, PSI, BELC, MPMC, CN2, CN2, CN2, SYO, SYO, GSC, GSC, HEC, GLA, GLA, YBH, WAKR, WCN.

Table with columns: GMRC, IRM, Y12C, 113A, NVAR, NVAR, U10A, 214A, Z13A, V11A, Y13A, W12A, 114A, Y12A, Z14A, S10A, K05A, WNA3, Y14A, 216A, R16A, 116A, T11A, V13A, X14A, VNA2, 217A, Y15A, W14A, R11A, U13A, S12A, TUC, ENH, Z16A, V14A, X15A, 318A, 117A, T13A, F04A, Y16A, WVOR, WVOR, 218A, GYA, GYA, GYA, GYA, GYA, GYA, R12A, BJI, BJI, BJI, BJI, X16A, 319A, 118A, Q12A, I07A, V15A, G06A, T14A, W16A, CCUT, P12A, 219A, J08A, U15A, 320A, WUAZ, Q13A, Y18A, T15A, D05A, 220A, Q12A, P13A, 120A, X18A, Q14A, G08A, Y19A, Z20A.

Table with columns: HAWA, S16A, P14A, XAN, XAN, V18A, RPW, T17A, ETW, Y20A, MFID, R16A, 222A, S17A, X20A, Z21A, KMI, KMI, 122A, W20A, T18A, Y21A, Q16A, CHRT, R17A, I12A, F10A, X21A, CMAR, CMAR, Z22A, TMUT, MPU, CHG, CHTO, B08A, HLD, HLD, 324A, T19A, O16A, HVU, J13A, Y22A, 425A, M15A, SRU, SRU, 626A, P17A, R18A, MNTX, K14A, K24A, H12A, JLU, DAU, G12A, 325A, I13A, S19A, Q18A, J14A, L15A, 526A, HHC, HHC, HHC, HHC, TXAR, TXAR, TXAR, N16A, M16A, O17A, R19A, P18A, 124A, H13A, K15A, 627A, F12A, Y23A, 426A, U21A.



1I4A	Mackay	90.45	41	↑P	P	06 26 30.3 +0.5
225A	Deer Hill, Car	90.48	55	↑P	P	06 26 30.2 -0.1
527A	Woodward Ranch	90.51	57	↑P	P	06 26 30.3 -0.1
N17A	Moffitt Pass	90.53	45	↑P	P	06 26 30.6 +0.3
Q19A	Hogan Spring (	90.57	47	↑P	P	06 26 30.0 -0.5
ANMO	Albuquerque	90.59	52	P	P	06 26 30.2 -0.5
ANMO	comp=Z, 3.7nm, 0.9s, mb4.3, bazz=210, slow=5.9, SNR=14					06 28 35.7 +4.9
ANMO	Albuquerque	90.59	52	↑P	P	06 26 30.2 -0.5
G13A	Cobalt	90.61	40	↑P	P	06 26 30.2 -0.3
S20A	Disappointment	90.63	49	↑P	P	06 26 30.3 -0.5
Z24A	Sheepen Canyo	90.64	54	↑P	P	06 26 31.0 0.0
L16A	Fish Haven	90.70	44	↑P	P	06 26 30.0 0.0
O18A	Roosevelt	90.73	46	↑P	P	06 26 31.4 +0.2
326A	Caldwell Ranch	90.76	56	↑P	P	06 26 30.9 -0.7
628A	Black Gap, Mar	90.78	58	↑P	P	06 26 31.6 -0.1
J15A	Blackfoot	90.80	42	↑P	P	06 26 31.5 +0.1
125A	Gardner Draw,	90.86	55	↑P	P	06 26 31.2 -0.7
CD2	Chengdu	90.86	303	eP	P	06 26 33.5 +1.5
CD2				pP	P	06 28 33.3 +1.0
CD2				sP	P	06 29 26.4 -0.5
CD2				PP	P	06 30 22.1 +4.0
CD2				S	P	06 36 13.4
CD2				S	P	06 36 43.1 +0.6
CD2	comp=Z, 20nm, 1.1s, mb5.0			pmax	pmax	
Y24A	Capitan	90.86	53	↑P	P	06 26 32.0 +0.1
M17A	Scully Gap (B	90.91	45	↑P	P	06 26 31.7 -0.3
S21A	Coal Bank Pass	90.94	49	↑P	P	06 26 32.3 0.0
C11A	Tepee Creek (N	90.98	37	↑P	P	06 26 31.8 -0.4
427A	Hayler Ranch,	90.99	57	↑P	P	06 26 32.7 +0.1
226A	Malaga, Loving	91.00	55	↑P	P	06 26 32.1 -0.5
K16A	Soda Springs	91.03	43	↑P	P	06 26 32.9 +0.5
Z25A	Roswell	91.09	54	↑P	P	06 26 33.5 +0.4
L17A	Cokeville	91.10	44	↑P	P	06 26 32.5 -0.4
528A	Cox Ranch, San	91.16	58	↑P	P	06 26 33.4 -0.1
V23A	Ortiz Mt. (NFS	91.17	51	↑P	P	06 26 33.8 +0.5
Q20A	Ridgley Place,	91.23	48	↑P	P	06 26 33.0 -0.5
J16A	Bone	91.24	43	↑P	P	06 26 33.4 -0.1
T22A	Edith	91.25	50	↑P	P	06 26 33.1 -0.5
M18A	Lyman	91.28	45	↑P	P	06 26 33.6 -0.1
N18A	Larsen Ranch,	91.31	45	↑P	P	06 26 33.5 -0.3
H15A	Lima	91.31	41	↑P	P	06 26 33.7 -0.1
O19A	Miners Draw (B	91.33	46	↑P	P	06 26 33.4 -0.6
K17A	Gardner Place,	91.40	43	↑P	P	06 26 34.7 +0.4
Y25A	Mesa, Roswell	91.41	54	↑P	P	06 26 34.0 -0.5
P20A	De Beque	91.43	47	↑P	P	06 26 34.2 -0.2
U23A	El Rito	91.43	51	↑P	P	06 26 34.4 -0.1
R21A	Cimarron	91.45	49	↑P	P	06 26 34.7 +0.1
RR12	Red Ridge	91.46	43	eP	P	06 26 34.7 +0.2
W24A	Lazy 6 Ranch,	91.48	52	↑P	P	06 26 34.0 -0.7
ILAR	Eielson Array	91.52	14	P	P	06 26 32.6 -1.6
ILAR	comp=Z, 0.5nm, 1.0s, bazz=215, slow=5.7, SNR=6.3					06 28 36.0 +1.6
I16A	Newdale	91.63	42	↑P	P	06 26 35.6 +0.3
Z22A	Caprock	91.64	54	↑P	P	06 26 35.2 -0.4
S22A	4UR Ranch, Cre	91.65	49	↑P	P	06 26 35.7 +0.2
328A	Wristen Ranch,	91.68	57	↑P	P	06 26 35.1 -0.7
G15A	Dillon	91.70	41	↑P	P	06 26 35.0 -0.5
REDW	Red Top Meadow	91.76	43	eP	P	06 26 36.3 +0.5
V24A	Rampart Ranch,	91.81	52	↑P	P	06 26 35.7 -0.6
O20A	White River Ci	91.84	47	↑P	P	06 26 35.7 -0.6
SNOW	Snow King Moun	91.87	43	eP	P	06 26 37.1 +0.8
T23A	Casias Ranch,	91.88	50	↑P	P	06 26 36.5 0.0
K18A	Toltan Ranch,	91.90	44	↑P	P	06 26 36.9 +0.4
M19A	Rock Springs	91.91	45	↑P	P	06 26 36.3 -0.3
R22A	Saguache, Gunn	91.93	49	↑P	P	06 26 36.4 -0.4
IMW	Indian Meadow	91.98	42	eP	P	06 26 37.0 +0.1
Q22A	Crested Butte,	92.13	48	eP	P	06 26 37.6 0.0
N20A	Spence Gulch,	92.17	46	↑P	P	06 26 37.6 -0.2
W25A	X Bar L Ranch,	92.17	52	↑P	P	06 26 37.1 -0.8
J18A	Kendall Valley	92.21	43	↑P	P	06 26 37.9 0.0
BW06	Boulder Array	92.28	44	↑P	P	06 26 38.1 -0.1
BW06	Boulder Array	92.28	44	eP	P	06 26 37.9 -0.3
PDAR	Pinedale Array	92.28	44	↑P	P	06 26 37.6 -0.7
PDAR	comp=Z, 2.2nm, 0.8s, mb4.2, bazz=227, slow=3.0, SNR=20					06 26 25.7 -3.2
V25A	Rancho No Teng	92.34	52	↑P	P	06 26 38.3 -0.4
BOZ	Bozeman (W)	92.46	41	↑P	P	06 26 38.7 -0.3
P22A	Eagle	92.58	48	↑P	P	06 26 39.0 -0.8
SDCO	Great Sand Dun	92.58	50	↑P	P	06 26 39.3 -0.5
SDCO	Great Sand Dun	92.58	50	eP	P	06 26 39.0 -0.8
N21A	Black Mountain	92.62	46	↑P	P	06 26 39.5 -0.4
O22A	Kremling	92.99	47	↑P	P	06 26 41.3 -0.3
R24A	Sanders Place,	93.08	50	↑P	P	06 26 41.9 -0.2
LZH	Lanzhou	93.11	308	eP	P	06 26 43.0 +0.7
LZH	comp=Z, 1.3nm, 1.0s, mb4.9					pmax pmax
D16A	Dana Ranch, Ca	93.23	40	↑P	P	06 26 42.2 -0.3
RWWY	Rawlins	93.27	46	eP	P	06 26 40.7 -2.2
S25A	Roberts Cordova	93.30	50	↑P	P	06 26 42.4 -0.6
C17A	Wharum Farm,	94.00	39	↑P	P	06 26 45.2 -0.8
P25A	Willow Gulch B	94.32	49	↑P	P	06 26 47.4 -0.2

MKAR	Makanchi Array	111.86	313	PKIKP	PKIKP	06 31 57.8 -1.5
MKAR	comp=Z, 0.5nm, 0.7s, bazz=42, slow=2.0, SNR=6.7			PP	PP	06 32 56.0 +2.7
MKAR	comp=Z, 0.2nm, 0.7s, bazz=91, slow=8.6, SNR=4.5					06 34 41.9
KURK	Kurchatov	114.88	317	PP	PP	06 33 08.2 -6.1
BVAR	Borovoye Array	120.10	319	PKP	PKPdf	06 32 13.6 -1.4
FINES	FINES Array B	137.99	342	SKP		06 35 30.0
NOA	NORSAR Array B141.59	351	PKPKP	PKPpre		06 32 49.7
NOA	comp=Z, 1.6nm, 0.8s, bazz=16, slow=4.2, SNR=12			SKPbc	SKPbc	06 35 39.7 -1.2
NOA	NORSAR Array B141.59	351	PKP	PKPpre		06 32 49.7
NOA	comp=Z, 1.2nm, 0.9s, bazz=14, slow=4.2, SNR=3.6			SKPbc	SKPbc	06 35 39.7 -1.2
NOA	Malatya	144.14	304	SKPbc	SKPbc	06 32 59.6 -0.7
KIEV	Kiev	144.59	328	ePKPdf	PKPdf	06 32 59.1 -1.6
BR113	Keskin Array S	147.32	308	ePKPbc	PKPbc	06 33 07.9 -1.0
BR113	Keskin Array B	147.32	308	ePKPbc	PKPbc	06 33 12.3 -0.3
BRTR	comp=Z, 2.7nm, 0.6s, bazz=142, slow=4.2, SNR=12			PP	PP	06 33 08.0 -0.9
BRTR	comp=Z, 1.2nm, 0.9s, bazz=93, slow=6.2, SNR=3.9					06 36 37.5 -3.1
BUR08	Bucovina Ar. S	148.57	327	ePKPbc	PKPbc	06 33 11.8 0.0
CSS	Prodromos	148.89	299	ePKPbc	PKPbc	06 33 12.3 -0.8
STHS	Stebnicka Huta	149.15	329	ePKPbc	PKPbc	06 33 12.0 -1.2
STHS	Stebnicka Huta	149.15	333	ePKPbc	PKPbc	06 33 12.0 -1.2
CRVS	Cervenica-Dubn	149.44	332	ePKPbc	PKPbc	06 33 13.3 -0.6
CRVS	Cervenica-Dubn	149.44	332	ePKPbc	PKPbc	06 33 13.3 -0.6
NIE	Niedzica	149.53	334	ePKPbc	PKPbc	06 33 14.5 +0.4
KECS	Kecevo	150.18	332	ePKPbc	PKPbc	06 33 16.4 +0.8
KECS	Kecevo	150.19	332	ePKPbc	PKPbc	06 33 16.4 +0.8
CLL	Colim	150.39	343	iPKPbc	PKPbc	06 33 15.2 -0.8
CLL	comp=Z, 1.0nm, 0.9s			ePKPbc	PKPbc	06 33 24.0 -0.9
CLL	comp=Z, 5.0nm, 0.8s			ePKPbc	PKPbc	06 33 15.2 -0.8
BRG	Berggiesshulm	150.52	342	ePKPbc	PKPbc	06 33 15.7 -0.7
BRG	comp=Z, 6.5nm, 0.8s			ePK		06 35 28.5
BRG	comp=Z, 6.5nm, 1.0s					06 33 16.2 -1.0
VYHS	Yyhne	150.86	334	ePKPbc	PKPbc	06 33 16.2 -1.0
VYHS	Yyhne	150.86	334	ePKPbc	PKPbc	06 33 16.2 -1.0
TORD	Torodi Ar. Bea	169.70	189	PKPbc	PKPbc	06 34 49.2 -0.6
TORD	comp=Z, 1.9nm, 0.9s, bazz=180, slow=4.5, SNR=6.2					
IDC 01 06:14:31.2d.0.1, 30.85N:83.61E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.5/26, mtbtp3.6/6, Error ellipse: s-maj=75.8km s-min=27.6km az=63.0						
NEIC 01 06:14:33.0.1.1, 30.91N:83.71E, h10km, mb3.5/1, Error ellipse: s-maj=33.9km s-min=15.3km az=71.0						
ISCJB 01 06:14:34.7.1.4, 30.9N:0.2:83.7E:0.3, h33km, mb3.7/5, Error ellipse: s-maj=42.1km s-min=19.4km az=157.2						
ISC 01 06:14:37.0.1.4, 31.0N:0.2:83.7E:0.3, h35km, n9, c0944/9, mb3.7/5, Xizang						
MK31	Makanchi Array	15.83	356	ePn	Pn	06 18 17.6 +0.6
MKAR	Makanchi Array	15.83	356	Pn	Pn	06 18 16.6 -0.4
KURK	Kurchatov	20.08	351	P	P	06 19 06.9 -0.3
ZALV	Zalesovo Beam	22.97	2	P	P	06 19 37.7 -0.4
ABKAR	Akbulak array	25.59	322	eP	P	06 20 03.0 +0.3
FINES	FINES Array B	47.93	327	P	P	06 23 11.3 -0.3
WRA	Warramunga Arr	70.19	129	P	P	06 25 46.1 -0.2
ILAR	Eielson Array	76.75	20	P	P	06 26 25.1 +0.8
ILAR	comp=Z, 0.7nm, 0.8s, mb3.6, bazz=294, slow=4.0, SNR=9.2					
ISCJB 01 06:18:47.5.1.2, 76.63N:0.08:20.1E:0.5, h10km, Error ellipse: s-maj=18.2km s-min=7.3km az=148.8						
CSEM 01 06:18:49.4.0.9, 76.67N:20.33E, h2km, ML2.4, Error ellipse: s-maj=78.9km s-min=7.3km az=68.0						
NAO 01 06:18:51.6.3.8, 76.69N:19.70E, h3km, 35km, ML2.2						
BER 01 06:18:55.9.3.0, 76.79N:19.92E, h23km, 40km, MD2.7, ML2.4, ML2.2(NAO)						
ISC 01 06:18:49.9.2.6, 76.67N:0.09:19.9E:0.5, h5km, 22km, n12, c136/16, Svalbard region						
HSP	Hornsund	1.04	291	eP	Pg	06 19 12.1 +2.2
HSP	comp=Z, 0.5nm, 1.0s, bazz=251, slow=4.7, SNR=2.8			eS	Pg	06 19 22.7 -0.7
SPA0	Spitsbergen Ar	1.70	335	Pg	Pg	06 19 22.3 -0.2
SPA0	bazz=149, slow=16			Lg		06 19 43.8
SPA0	Spitsbergen Ar	1.70	335	Pg	Pg	06 19 22.3 -0.2
SPA0	bazz=155, slow=28			Lg		06 19 43.8
SPA0	Spitsbergen Ar	1.70	335	Pg	Pg	06 19 22.3 -0.1
SPA0	bazz=149, slow=16			Lg		06 19 43.8
SPA0	Spitsbergen Ar	1.70	335	Pg	Pg	06 19 22.3 -0.1
SPA0	bazz=149, slow=16			Lg		06 19 43.8
SPA0	Spitsbergen Ar	1.70	335	Pg	Pg	06 19 22.3 -0.1
SPA0	bazz=149, slow=16			Lg		06 19 43.8
KBS	Kingsbay	2.82	327	Pn	Pn	06 19 37.2 +1.6
KBS	comp=Z, 3.2nm, 0.3s			Lg		06 19 43.8
KBS	Kingsbay	2.82	327	Pn	Pn	06 19 37.2 +1.6
KBS	comp=Z, 3.2nm, 0.3s			Lg		06 19 43.8
KBS	Kingsbay	2.82	327	eP	Pn	06 19 37.0 +1.4
KBS	comp=Z, 3.2nm, 0.3s			eS	Pg	06 19 44.1 +0.1
KBS	Kingsbay	2.82	327	eP	Pn	06 19 37.0 +1.4
KBS	comp=Z, 3.2nm, 0.3s			eS	Pg	06 19 44.1 +0.1
KBS	Kingsbay	2.82	327	eP	Pn	06 19 37.0 +1.4
KBS	comp=Z, 3.2nm, 0.3s			eS	Pg	06 19 44.1 +0.1
ARAO	ARCESS Array S	7.35	164	Lg	Sn	06 20 00.4 -0.9
ARAO	bazz=358, slow=22			Sn	Sn	06 22 00.4 -0.9
ARAO	ARCESS Array S	7.35	164	Sn	Sn	06 22 00.4 -0.9
ARAO	bazz=358, slow=22, SNR=55					
IDC 01 06:47:44.2.1.6, 16.50S:178.25W, h0km, mb3.9/6, mb1.4/2.6, mb1mx4.0/17, mtbtk3.9/6, Error ellipse: s-maj=109.1km s-min=22.8km az=149.0, Fiji Islands region						
STKA	Stevens Creek	39.46	240	P	P	06 55 16.4 0.0
WRA	Warramunga Arr	45.05	258	P	P	06 56 02.3 +0.1
ASAR	Alice Springs	45.34	253	P	P	06 56 04.2 -0.2
ILAR	Eielson Array	84.48	13	P	P	07 00 18.6 +0.2
TXAR						





1d 7h

JLU	Jordanelle	81.88	44	eP	P	07 18 36.1	-0.3
Z22A	Elephant Butte	81.88	52	↑P	P	07 18 36.4	-0.3
DAU	Daniel Amynon	81.92	44	eP	P	07 18 38.1	+1.4
L15A	Malad City	81.92	43	eP	P	07 18 36.5	-0.2
R18A	Canyonlands Na	81.93	47	↑P	P	07 18 36.4	-0.5
HYT	Haines Junctio	81.99	18	eP	P	07 18 36.8	+0.2
H13A	Challiss	82.00	40	eP	P	07 18 36.9	-0.2
F12A	Elk City	82.01	38	↓P	P	07 18 36.7	-0.4
N16A	Rees Ranch, Co	82.02	44	↓P	P	07 18 37.1	-0.1
U20A	Newcomb	82.03	49	↑P	P	07 18 37.7	+0.3
MENT	Mentasta	82.05	14	eP	P	07 18 37.6	-0.2
Q18A	Rafter H Ranch	82.08	46	↑P	P	07 18 37.5	-0.2
M16A	Huntsville	82.09	43	↑P	P	07 18 37.1	-0.5
W21A	San Fidel	82.14	50	↑P	P	07 18 37.9	+0.5
K15A	Arbon	82.16	42	eP	P	07 18 37.9	0.0
Y22A	Socorro	82.16	52	↓P	P	07 18 37.9	-0.3
O17A	Robinson Place	82.17	45	↓P	P	07 18 38.0	0.0
E12A	Beaver Dam Sad	82.17	38	↑P	P	07 18 37.2	-0.6
123A	Bell Site, Whi	82.17	53	↓P	P	07 18 38.2	-0.1
S19A	Harvey Farm, M	82.18	48	↑P	P	07 18 37.9	-0.2
I14A	Mackay	82.18	40	↓P	P	07 18 38.2	+0.1
LAZ	Ladron	82.22	51	eP	P	07 18 38.9	+0.4
SDSI	Gungah Darch	82.23	271	P	P	07 18 38.2	-0.8
P18A	Preston Nutter	82.25	45	↑P	P	07 18 38.8	+0.3
Y2ND	Lemitar	82.25	52	eP	P	07 18 39.6	+1.0
LE2D	IRIS PASCALL	82.25	52	↓P	P	07 18 38.5	-0.1
HWUT	Hardware Ranch	82.27	43	eP	P	07 18 38.1	-0.5
KTGM	Kuala Trenggan	82.27	278	P	P	07 18 38.8	-0.4
NEW	Newport	82.27	35	↓P	P	07 18 38.3	-0.1
NEW	Newport	82.27	35	eP	P	07 18 38.9	+0.6
G13A	Cobalt	82.29	39	↓P	P	07 18 38.6	0.0
324A	Moseley Ranch,	82.31	55	↓P	P	07 18 38.5	-0.5
R19A	Curley Farm, L	82.33	47	↑P	P	07 18 38.9	-0.1
MVCO	Mesa Verde	82.40	48	↑P	P	07 18 39.2	-0.1
MVCO	Mesa Verde	82.40	48	eP	P	07 18 40.8	+1.4
V21A	Milan	82.43	50	↑P	P	07 18 39.6	0.0
425A	Indio Mountain	82.45	55	↑P	P	07 18 39.6	-0.1
Z23A	Rita Site, Whi	82.45	53	↑P	P	07 18 39.5	-0.2
N17A	Moffit Pass	82.45	44	↓P	P	07 18 39.4	-0.1
MNTX	Cornudas Mount	82.49	54	↓P	P	07 18 39.7	-0.2
MNTX	Cornudas Mount	82.49	54	eP	P	07 18 40.0	0.0
BNM	Barren Site	82.50	52	eP	P	07 18 40.3	+0.3
224A	Cornudas Mount	82.53	54	↓P	P	07 18 40.0	-0.1
PV10	Paradox Valley	82.53	47	eP	P	07 18 39.9	-0.1
C11A	Tepee Creek (N	82.53	36	↓P	P	07 18 39.5	-0.2
L16A	Fish Haven	82.55	43	↑P	P	07 18 39.2	-0.8
J15A	Blackfoot	82.57	41	↑P	P	07 18 39.9	-0.2
LPM	Los Pinos Moun	82.57	52	eP	P	07 18 41.4	+1.1
H14A	Leadore	82.58	40	↓P	P	07 18 40.1	0.0
DOT	Dot Lake	82.58	14	eP	P	07 18 38.9	-0.7
Q19A	Hogan Ranch (	82.62	46	↑P	P	07 18 40.3	-0.2
PV04	Paradox Valley	82.63	47	eP	P	07 18 40.2	-0.2
D12A	Red Ives Fores	82.63	37	↓P	P	07 18 40.3	0.0
626A	Big Bend Ranch	82.66	57	↑P	P	07 18 40.8	-0.1
U21A	Nageezi	82.68	49	↓P	P	07 18 40.6	-0.2
325A	Bean Ranch, Si	82.68	55	↓P	P	07 18 40.8	-0.1
DLBC	Dease Lake	82.69	23	eP	P	07 18 40.2	-0.2
O18A	Roosevelt	82.70	45	↓P	P	07 18 40.8	0.0
W22A	Albuquerque	82.70	51	↑P	P	07 18 41.3	+0.4
PV01	Paradox Valley	82.75	47	eP	P	07 18 41.3	+0.2
S20A	Disappointment	82.77	48	↑P	P	07 18 41.1	-0.1
M17A	Scully's Gap (B	82.81	44	↓P	P	07 18 41.1	-0.2
124A	Stringfield Ra	82.82	53	↓P	P	07 18 41.6	-0.1
I15A	Montevieu	82.83	41	↑P	P	07 18 41.2	-0.1
G14A	Jackson	82.83	39	↑P	P	07 18 41.0	-0.3
COLA	College	82.83	12	eP	P	07 18 39.8	-1.1
COLA	College	82.83	12	eP	P	07 18 39.8	-1.1
COLA	College	82.83	12	eP	P	07 18 39.8	-1.1
K16A	Soda Springs	82.84	42	↓P	P	07 18 41.7	+0.2
Y23A	Loveland Mesa,	82.85	52	↓P	P	07 18 41.1	-0.7
S26A	Mary Lane Ranc	82.89	56	↑P	P	07 18 41.7	-0.3
C12B	Naegeli Ranch,	82.91	36	↓P	P	07 18 41.0	-0.8
R20A	Redvale	82.91	47	↓P	P	07 18 41.7	-0.3
ILAR	Eielson Array	82.94	12	P	P	07 18 39.4	-2.1
ILAR	Albuquerque	82.96	51	eP	P	07 18 42.1	-0.2
ANMO	Albuquerque	82.96	51	eP	P	07 18 42.1	-0.2
ANMO	Albuquerque	82.96	51	eP	P	07 18 42.1	-0.2
ANMO	Albuquerque	82.96	51	eP	P	07 18 42.1	-0.2
TXAR	Lajitas Array	82.96	57	P	P	07 18 42.7	+0.3
TXAR	Lajitas Array	82.96	57	P	P	07 18 42.7	+0.3
L17A	Kojevile	82.96	43	↓P	P	07 18 41.5	-0.6

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E13A	Victor	83.00	38	↑P	P	07 18 41.2	-1.1
MCMT	McKenzie Canyon	83.00	40	eP	P	07 18 42.3	0.0
T21A	Navajo Lake-21	83.01	49	↓P	P	07 18 42.1	-0.4
X23A	Hourglass Bar	83.01	51	↑P	P	07 18 42.1	-0.5
H15A	Lima	83.03	40	↓P	P	07 18 41.7	-0.8
J16A	Bone	83.03	42	↑P	P	07 18 41.8	-0.7
225A	Deer Hill, Car	83.09	54	↑P	P	07 18 42.5	-0.5
S21A	Coal Bank Pass	83.11	48	↓P	P	07 18 42.6	-0.4
P19A	Cripple Cowboy	83.12	46	↓P	P	07 18 42.7	-0.3
AHID	Auburn Hatcher	83.12	42	PFAKE	LR	07 18 50.0	+7.0
Z24A	Sheeppan Canyon	83.14	53	↓P	P	07 18 42.8	-0.4
FRIM	Kepong	83.15	275	P	P	07 18 43.7	-0.1
426A	McDonald Obser	83.16	56	↓P	P	07 18 42.9	-0.6
F14A	Wisdom	83.17	39	↓P	P	07 18 42.3	-0.8
D13A	Huson	83.18	37	↓P	P	07 18 42.0	-1.2
M18A	Lyman	83.19	44	↑P	P	07 18 42.2	-1.1
627A	Terlingua Ranch	83.23	57	↓P	P	07 18 43.1	-0.7
K17A	Gardner Place,	83.23	42	↑P	P	07 18 42.9	-0.6
B12A	Libby	83.24	36	↑P	P	07 18 43.1	-0.4
N18A	Larsen Ranch,	83.25	44	↑P	P	07 18 42.6	-1.0
U22A	Llaves	83.25	50	↓P	P	07 18 43.2	-0.6
RR12	Red Ridge	83.25	42	eP	P	07 18 43.5	-0.1
W23A	Werner Place,	83.27	51	↓P	P	07 18 43.0	-0.9
Q20A	Ridgely Place,	83.30	47	↓P	P	07 18 43.2	-0.7
527A	Woodward Ranch	83.30	56	↓P	P	07 18 43.7	-0.5
O19A	Miners Draw (B	83.32	45	↓P	P	07 18 43.2	-0.8
Y24A	Capitan	83.32	52	↑P	P	07 18 43.6	-0.6
BJT	Bajiatuau	83.34	314	eP	P	07 18 44.3	+0.2
BJT	BJT	83.34	314	eP	P	07 18 44.2	+0.1
BJT	BJT	83.34	314	eP	P	07 18 44.2	+0.1
BJL	Beijing	83.34	314	P	P	07 18 43.6	-0.6
BJL	Beijing	83.34	314	P	P	07 18 48.0	+0.5
BJL	Beijing	83.34	314	P	P	07 18 49.4	+0.7
BJL	Beijing	83.34	314	P	P	07 21 51.8	-4.4
BJL	Beijing	83.34	314	P	P	07 29 06.6	+1.4
MSO	Missoula	83.34	38	↓P	P	07 18 42.9	-1.1
MSO	Missoula	83.34	38	eP	P	07 18 43.4	-0.6
MSO	Missoula	83.34	38	eP	P	07 18 43.4	-0.6
BSMT	Bassoo Peak	83.38	37	eP	P	07 18 44.0	-0.1
G15A	Dillon	83.39	40	↓P	P	07 18 43.7	-0.6
I16A	Nezale	83.40	41	↓P	P	07 18 44.0	-0.3
E14A	Clinton	83.40	38	↑P	P	07 18 43.6	-0.7
C13A	Hot Springs	83.41	37	↓P	P	07 18 43.0	-1.3
DLMT	Dillon	83.42	40	eP	P	07 18 44.8	+0.3
125A	Gardner Draw,	83.43	43	↑P	P	07 18 44.4	-0.4
L18A	Fontenelle, Gr	83.43	54	↓P	P	07 18 44.1	-0.5
326A	Caldwell Ranch	83.45	55	↑P	P	07 18 44.0	-0.9
A12A	Yaak River Ran	83.45	35	↓P	P	07 18 43.9	-0.6
DCID1	Drake Creek	83.46	42	eP	P	07 18 45.4	+0.7
P20A	De Beque	83.47	46	↑P	P	07 18 44.7	-0.1
T22A	Edith	83.48	49	↑P	P	07 18 44.5	-0.4
GD12	Granddune Moun	83.48	54	eP	P	07 18 45.4	+0.3
V23A	Ortiz Mill (NFS	83.49	50	eP	P	07 18 44.6	-0.4
N19A	John Jarvie Ra	83.54	45	↓P	P	07 18 44.6	-0.5
TPAW	Tetepase	83.56	42	eP	P	07 18 45.7	+0.5
X24A	Lazy VL Ranch,	83.57	52	↓P	P	07 18 44.6	-0.9
R21A	Cimarron	83.58	48	↑P	P	07 18 45.1	-0.3
Z25A	Roswell	83.62	53	↓P	P	07 18 45.3	-0.5
628A	Black Gap, Mar	83.64	57	↓P	P	07 18 45.2	-0.7
J17A	Brown Place, J	83.65	42	↑P	P	07 18 45.2	-0.5
SWMT	Swartz Lake	83.66	37	eP	P	07 18 46.6	+1.0
U23A	El Rito	83.72	50	↓P	P	07 18 45.7	-0.5
F15A	Butte	83.72	39	↓P	P	07 18 45.5	-0.5
D14A	Greenough	83.73	38	↑P	P	07 18 45.0	-0.9
427A	Hayter Ranch,	83.73	56	↑P	P	07 18 45.9	-0.4
LRM	Limekiln Ridge	83.74	39	eP	P	07 18 46.0	0.0
K18A	Tolton Ranch,	83.75	43	↓P	P	07 18 45.8	-0.4
IMW	Indian Meadow	83.76	41	eP</			

H18A	Shoshone NF, C	84.93	41	UP	P	07 18 51.7	-0.5
S24A	Houchin Ranch	84.96	49	UP	P	07 18 52.2	-0.2
E17A	Martinsdale	85.02	39	UP	P	07 18 52.2	-0.3
T1Y	Taiyuan	85.02	311	eP	S	07 18 54.6	+1.9
T1Y				S	pmx	07 29 22.9	+0.8
TIY	comp=Z,410nm,4.5s				LR		
TIY	comp=N,240nm,13.7s,MS5.0				LR		
TIY	comp=E,290nm,13.1s,MS5.0				LR		
Q23A	Harts	85.02	48	UP	P	07 18 52.6	-0.2
O22A	Kremmling	85.04	46	UP	P	07 18 52.5	-0.3
W26A	Owens Ranch, T	85.04	52	UP	P	07 18 52.0	-0.9
Y27A	Causey	85.05	53	UP	P	07 18 52.4	-0.6
U25A	Circle Dot Ran	85.06	50	UP	P	07 18 52.5	-0.5
M21A	Separation Pea	85.08	45	UP	P	07 18 52.3	-0.7
C16A	Fuhringer Ranc	85.12	38	UP	P	07 18 52.4	-0.6
A15A	Johnson Ranch	85.13	36	UP	P	07 18 52.6	-0.4
P23A	Jefferson	85.21	47	UP	P	07 18 53.3	-0.4
RWWY	Rawlins	85.22	45	eP	P	07 18 53.6	-0.1
L21A	Rawlins	85.23	44	UP	P	07 18 53.4	-0.3
R24A	Sanders Place,	85.27	48	UP	P	07 18 53.7	-0.3
G18A	Lazy EL Ranch,	85.29	41	UP	P	07 18 53.7	-0.2
V26A	Tequesquite Ra	85.30	51	UP	P	07 18 53.5	-0.7
T25A	Trinidad	85.35	50	UP	P	07 18 53.8	-0.6
H19A	Powell	85.36	41	UP	P	07 18 54.0	-0.2
J20A	Shoshoni	85.36	43	UP	P	07 18 54.0	-0.3
N22A	Wattenberg Ran	85.37	46	UP	P	07 18 54.2	-0.3
MSTX	Muleshoe	85.38	53	UP	P	07 18 53.8	-0.9
RLMT	Red Lodge	85.38	41	UP	P	07 18 54.0	-0.3
RLMT	Red Lodge	85.38	41	eP	P	07 18 53.8	-0.6
RLMT	comp=Z,253nm,1.4s,mb5.2				LR		
X27A	F and S Farms,	85.39	52	UP	P	07 18 53.8	-0.9
PMSA	Palmer Station	85.41	157	P	P	07 18 54.2	0.0
PMSA	Palmer Station	85.41	157	eP	P	07 18 55.0	+0.7
PMSA	Hailar	85.41	324	PFAKE	LR		
GCMT	Greycliff	85.44	40	eP	P	07 18 55.1	+0.5
B16A	M & M Farms, S	85.44	37	UP	P	07 18 53.8	-0.8
D17A	Six Diamond Ra	85.44	39	UP	P	07 18 54.1	-0.5
F18A	Big Timber	85.46	40	UP	P	07 18 54.6	-0.2
GYA	Gulyang	85.48	299	P	P	07 18 56.3	+1.0
GYA				PP	PP	07 22 17.2	+3.3
GYA				SKS	S	07 29 18.0	
GYA				S	S	07 29 26.4	-0.8
GYA	comp=Z,40nm,1.0s,mb5.5				pmx		
GYA	comp=Z,190nm,6.4s				pmx		
GYA	comp=N,4um,22.9s,MS5.8				LR		
GYA	comp=E,3um,23.7s,MS5.8				LR		
Q23A	Lake Granby, G	85.50	46	UP	P	07 18 54.6	-0.5
Q24A	Divide	85.54	48	UP	P	07 18 55.5	+0.2
S25A	Robets Cordova	85.54	49	UP	P	07 18 55.2	-0.1
ISCO	Idaho Springs	85.54	47	UP	P	07 18 55.2	-0.2
ISCO	Idaho Springs	85.54	47	UP	P	07 18 55.8	-0.2
I20A	Worldan	85.59	42	UP	P	07 18 55.4	0.0
K21A	Alcova	85.60	44	UP	P	07 18 55.0	-0.6
C17A	Wharram Farm,	85.63	38	UP	P	07 18 55.5	0.0
PSI	Prapat	85.63	274	LR	LR	07 57 23.7	
E18A	Harlowton	85.64	39	UP	P	07 18 55.2	-0.4
N23A	Red Feather La	85.76	46	UP	P	07 18 56.4	0.0
R25A	Fountain Ranch	85.84	49	UP	P	07 18 56.1	-0.7
H20A	Greybull	85.91	42	UP	P	07 18 56.5	-0.5
F19A	Roth Farm, Mol	85.92	40	UP	P	07 18 56.7	-0.3
D18A	Linhart Farms,	86.00	39	UP	P	07 18 57.2	-0.2
PAYG	Puerto Ayora	86.05	90	PFAKE	LR	07 19 10.0	+1.2
Q24A	Longmont	86.05	47	UP	P	07 18 57.4	-0.4
I21A	Big Trails, Te	86.08	43	UP	P	07 18 57.2	-0.7
K22A	Casper	86.09	44	UP	P	07 18 57.3	-0.7
G20A	Bridger	86.09	41	UP	P	07 18 57.3	-0.6
XAN	Xi'an	86.27	307	P	P	07 19 00.0	+1.0
XAN	comp=Z,5.0nm,1.5s,mb4.5				pmx		
XAN	comp=Z,63nm,5.8s				pmx		
A17A	Triple J Farms	86.28	37	UP	P	07 18 58.3	-0.5
E19A	Rath Farm, Rou	86.29	40	UP	P	07 18 58.8	-0.1
F20A	Billings	86.39	41	UP	P	07 18 59.1	-0.2
EGMT	Eagleton	86.41	38	UP	P	07 18 59.1	-0.3
EGMT	Eagleton	86.41	38	PFAKE	LR	07 19 10.0	+1.1
L23A	Garrett	86.42	45	UP	P	07 18 59.3	-0.4
J22A	Midwest	86.44	43	UP	P	07 18 58.9	-0.8
JCT	Junction City	86.50	57	UP	P	07 18 59.6	-0.7
JCT	Junction City	86.50	57	eP	pmx	07 19 00.1	-0.2
JCT	comp=Z,34nm,1.5s,mb5.4				MLR		
JCT	comp=Z,4um,20.0s,MS5.8				MLR		
JCT	comp=Z,34nm,1.5s,mb5.3				LR		
JCT	comp=Z,4um,20.0s,MS5.8				LR		
AMTX	Amarillo	86.56	53	UP	P	07 18 59.7	-0.8

AMTX	Amarillo	86.56	53	PFAKE	LR	07 19 10.0	+1.0
B18A	Beardsley Farm	86.57	38	UP	P	07 19 00.0	-0.1
H21A	Big Horn, Sher	86.59	42	UP	P	07 18 59.8	-0.5
C19A	Slack Wire Ran	86.70	39	UP	P	07 19 00.7	-0.2
E20A	Meyer Farm, Mu	86.71	40	UP	P	07 19 00.8	-0.1
G21A	Lodge Grass	86.74	41	UP	P	07 19 00.9	-0.1
M24A	Cheyenne	86.76	46	UP	P	07 19 01.4	+0.1
A18A	Meltzer Ranch,	86.77	37	UP	P	07 19 00.5	-0.6
CLNS	Chul'man	86.79	332	eP	pmx	07 19 01.4	+0.4
CLNS	comp=Z,11nm,1.0s,mb5.0				pmx		
CLNS	comp=N,10.0nm,1.7s				pmx		
HHC	Hu-ho-hac-te	86.88	314	UP	P	07 19 02.1	+0.2
HHC				pP	pP	07 19 07.0	+1.8
HHC				sP	sP	07 19 09.1	+2.7
HHC				PP	PP	07 22 27.6	+2.6
HHC				SKS	S	07 29 26.4	
HHC				sS	sS	07 29 39.8	-0.4
HHC				pmx	pmx	07 29 47.6	+1.9
HHC	comp=Z,29nm,1.3s,mb5.3				pmx		
HHC	comp=Z,460nm,5.9s				LR		
HHC	comp=N,390nm,15.1s,MS5.1				LR		
HHC	comp=E,470nm,18.6s,MS5.1				LR		
L24A	Wheatland	86.92	45	UP	P	07 19 01.8	-0.3
EDM	Edmonton	86.93	32	eP	P	07 19 00.2	-1.6
MAW	Mawson	86.95	199	P	P	07 19 01.3	-0.5
MAW	comp=Z,5.3nm,0.7s,mb4.9,baz=113,slow=6.0,SNR=9.8				LR		
D20A	Manuel Ranch,	86.97	39	UP	P	07 19 02.1	-0.1
F21A	Abaloka Mine,	87.05	41	UP	P	07 19 02.1	-0.5
KVXT	Kingsville	87.11	61	PFAKE	LR	07 19 10.0	+6.7
C20A	Veseth Ranch,	87.32	39	UP	P	07 19 03.3	-0.6
E21A	Keefer Ranch,	87.38	40	UP	P	07 19 04.1	-0.1
D21A	La Casta Ranch	87.66	40	UP	P	07 19 05.9	+0.4
BTO	Keefe Ranch,	87.87	313	eP	P	07 19 06.8	+0.1
YAK	Baotou	87.92	338	PFAKE	LR	07 19 20.0	+1.4
YAK	Yakutsk			LR	LR		
LAO	LASA Array	87.98	40	UP	P	07 19 08.0	+1.0
LAO					LR		
RSSD	Black Hills	88.35	43	eP	pmx	07 19 09.3	+0.4
RSSD	comp=Z,4.0nm,0.9s,mb4.7				MLR		
RSSD	comp=Z,3um,20.0s,MS5.7				MLR		
RSSD	Black Hills	88.35	43	eP	P	07 19 09.3	+0.4
RSSD	comp=Z,4.0nm,0.9s,mb4.7				LR		
KMI	Kunming	88.41	296	P	P	07 19 10.8	+1.2
KMI				pP	pP	07 19 15.5	+2.5
KMI				sP	sP	07 19 17.3	+3.2
KMI				PP	PP	07 22 41.5	+3.8
KMI				SKS	S	07 29 39.8	
KMI				S	S	07 29 55.2	-0.4
KMI				sS	sS	07 30 02.4	+1.3
KMI	comp=Z,18nm,2.0s,mb5.0				pmx		
KMI	comp=Z,310nm,4.0s				pmx		
KMI	comp=N,370nm,20.2s,MS5.0				LR		
KMI	comp=E,480nm,20.2s,MS5.0				LR		
OGNE	Ogallala	88.51	47	PFAKE	LR	07 19 20.0	+1.0
OGNE	comp=Z,900nm,23.6s,MS5.1				LR		
WMOK	Wichita Moun	88.74	54	PFAKE	LR	07 19 20.0	+9.0
WMOK					LR		
INK	Inuvik	88.89	15	LR	LR	07 51 21.2	
INK	Inuvik	88.89	15	eP	pmx	07 19 11.1	+0.3
INK	Inuvik	88.89	15	eP	P	07 19 11.1	+0.3
CD2	Chengdu	89.33	302	UP	P	07 19 14.9	+1.1
CD2				pP	pP	07 19 19.7	+2.6
CD2				sP	sP	07 19 21.9	+3.6
CD2				SKS	S	07 22 48.4	+3.5
CD2				S	S	07 29 42.4	+0.9
CD2	comp=Z,10.0nm,1.2s,mb5.0				pmx		
CD2	comp=Z,340nm,4.8s				pmx		
CD2	comp=N,700nm,22.6s,MS5.2				LR		
CD2	comp=E,1um,26.2s,MS5.2				LR		
CD2	comp=Z,710nm,28.2s,MS4.9				LR		
CBKS	Cedar Bluff	89.40	49	UP	P	07 19 13.7	-0.2
CBKS	Cedar Bluff	89.40	49	PFAKE	LR	07 19 30.0	+1.6
HKT	Hockley	89.58	59	eP	pmx	07 19 16.9	+1.9
HKT				MLR	MLR		
HKT	Hockley	89.58	59	eP	P	07 19 16.9	+1.9
HKT	comp=Z,72nm,1.9s,mb5.7				LR		
HKT	comp=Z,4um,20.0s,MS5.8				LR		
HKT	comp=Z,72nm,1.9s,mb5.7				LR		
CMAR	Chiang Mai Arr	89.87	289	P	P	07 19 17.4	+0.8
DGMT	Dagmar	89.96	39	UP	P	07 19 16.3	0.0
DGMT	Dagmar	89.96	39	eP	P	07 19 15.8	-0.5
DGMT	comp=Z,43nm,1.3s,mb5.6				LR		
CHTO	Chiang Mai	89.97	289	eP	P	07 19 17.5	+0.5
CHTO	comp=Z,704nm,21.0s,MS5.7				LR		
CHTO	Chiang Mai	89.97	289	P	P	07 19 18.1	+1.1
LZH	Lanzhou	90.87	307	eP	P	07 19 22.5	+1.6
LZH				pP	pP	07 19 26.6	+2.4
LZH				sP	sP	07 19 30.0	+4.6
LZH				SKS	S	07 29 55.0	
LZH				eS	eS	07 30 16.5	-1.6
LZH				sS	sS	07 30 23.0	-0.6
LZH	comp=Z,42nm,1.5s,mb5.5				pmx		
LZH	comp=Z,210nm,4.7s				pmx		
LZH	comp=N,640nm,16.7s,MS5.2				LR		
LZH	comp=E,420nm,14.2s,MS5.2				LR		

NATX	Nacogdoches	91.08	57	PFAKE	LR	07 19 30.0	+8.0
NATX				LR	LR		
YKA	Yellowknife Ar	91.17	24	LR	LR	07 52 29.2	
PLCA	Paso Flores	91.68	133	P	P	07 19 24.6	-0.1
PLCA	comp=Z,5.6nm,0.9s,mb4.9,baz=259,slow=2.4,SNR=8.3				LR		
PLCA	Paso Flores	91.68	133	eP	P	07 19 25.9</	





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Barranco-do-Ve, San Fernando, Wied Dalm, etc.

IDC 01 07:22:46.9.2.0, 9.20S: 125.09E, h0km, mb3.6/1, mb1.3/7.3, mb1m3.5/1.6, mb1m3.5/3.5, ML3.4-z=2.0, Error ellipse: s-maj=2183.51km s-min=33.2km az=57.0, Timor region

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

ISCJB 01 07:49:37.3.0.7, 16.160N.0.05:97.19W.0.05, h33km, Error ellipse: s-maj=7.3km s-min=5.9km az=31.2, MEX 01 07:49:39.5.0.5, 16.62N.97.18W, h31km, MD3.5, NEIC 01 07:49:39.5.0.5, 16.62N.97.18W, h31km, MD3.5(MEX), After MEX.

ISC 01 07:49:37.3.1.4, 16.160N.0.06:97.18W.0.06, h33km, 13km, n9, 0.09/18, Oaxaca

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

IDC 01 08:08:51.4.1.0, 28.04N.52.48E, h0km, mb4.0/15, mb1.4/0.16, mb1mx3.9/28, mb1mp4.0/16, ML3.7/1, Error ellipse: s-maj=24.7km s-min=17.2km az=165.0, CSEM 01 08:08:53.6.0.2, 28.08N.52.1E, h10km, ML3.7, Error ellipse: s-maj=8.0km s-min=4.9km az=152.0, ISCJB 01 08:08:53.1.1.1, 28.07N.0.05:52.49E.0.05, h19km, 8km, mb3.9/19, Error ellipse: s-maj=9.4km s-min=6.5km az=155.9

NEIC 01 08:08:54.1, 28.34N.52.53E, h3km, mb3.9/4, ML3.6(THR), MEX 01 08:08:56.9, 28.16N.52.49E, h12km, TEH 01 08:08:57.7, 28.18N.52.40E, h31km, ISC 01 08:08:54.7.0.9, 28.09N.0.04:52.50E.0.05, h16km, 5km, n74, c101/82, mb3.9/19, 2D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ghir-Karzin, Sarvestan, Pars, Mehriz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AML Almayusha, AML Almayusha, etc.

ISCJB 01 08:28:17.9.0.3, 18.689S.0.07:65.43E.0.06, h10km, mb4.5/39, MS4.5/14, Error ellipse: s-maj=10.2km s-min=7.4km az=159.3, IDC 01 08:28:18.6.0.5, 18.55S.65.46E, h0km, mb4.4/25, mb1.4/2.6, mb1mx4.4/31, mb1mp4.4/26, ML3.5/1, MS4.4/14, MS1.4/14, ms1mx4.1/34, Error ellipse: s-maj=15.2km s-min=13.7km az=46.0, NEIC 01 08:28:19.9.0.3, 18.61S.65.38E, h10km, mb4.8/9, Error ellipse: s-maj=10.2km s-min=7.0km az=159.0, GCMT 01 08:28:22.7.0.4, 18.34S.65.33E, h13km, MW5.0, Moment Tensor Solution, s16, c22; s57, c88; Moment tensor: Scale 1016Nm; Mr-3.70e-30; Mw0.40e+18; Mw3.31e+22; Mm0.90e-13; Mm1.100e-13; Mm0.82e-48; Best double couple: M3.80000e+10; NP1.329.00000e+3; S43.00000e+1; -12.00000e+0; NP2s+17.00000e+0; s51.00000e+0; -71.00000e+0; Principal axes: T 3.6600e+10; Plg4.0000e+0; Azm254.0000e+0; N 0.3800e+10; Plg15.0000e+0; Azm345.0000e+0; -0.4030e+10; Plg75.0000e+0; Azm149.0000e+0; Data Used: G I U I C.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, NOA NORSAR Array B, NOA NORSAR Array B, etc.

ISC 01 08:28:19.9.0.3, 18.688S.0.07:65.42E.0.06, h10km, n90, c104/66, mb4.5/39, MS4.5/14, 8C-3D, Mauritius - Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRIV Mauritius Mete, RER Riviere de l'E, ABPO Ambोधippanom, etc.

ISC 01 08:28:18.6.0.4, 46.75N.10.02:10.48E.0.04, h10km, Error ellipse: s-maj=4.4km s-min=2.4km az=39.7, ZUR 01 08:38:18.8, 46.74N.10.46E, h11km, 1km, ML2/3, VIE 01 08:38:18.8.0.2, 46.75N.10.47E, h8km, 4km, mb1.6/7, ML2.2/1, Error ellipse: s-maj=1.1km s-min=0.7km az=152.0, 10 km SSW of Reschenpass

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRV Riviere de l'E, ABPO Ambोधippanom, OPO Ambohitrampom, etc.

CSEM 01 08:38:19.3.0.3, 46.72N.10.43E, h11km, ML2.4/6, MI1.7/3, Error ellipse: s-maj=3.6km s-min=1.9km az=48.0, ISC 01 08:38:19.0.0.4, 46.74N.10.03:10.47E.0.04, h14km, 11km, n27, c028/54, 14C-2D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRV Riviere de l'E, ABPO Ambोधippanom, OPO Ambohitrampom, etc.

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

ISCJB 01 08:38:18.6.0.4, 46.75N.10.02:10.48E.0.04, h10km, Error ellipse: s-maj=4.4km s-min=2.4km az=39.7, ZUR 01 08:38:18.8, 46.74N.10.46E, h11km, 1km, ML2/3, VIE 01 08:38:18.8.0.2, 46.75N.10.47E, h8km, 4km, mb1.6/7, ML2.2/1, Error ellipse: s-maj=1.1km s-min=0.7km az=152.0, 10 km SSW of Reschenpass

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

CSEM 01 08:38:19.3.0.3, 46.72N.10.43E, h11km, ML2.5/10, Error ellipse: s-maj=1.9km s-min=1.0km az=30.0, ROM 01 08:38:19.3.0.3, 46.72N.10.43E, h11km, ML2.4/6, MI1.7/3, Error ellipse: s-maj=3.6km s-min=1.9km az=48.0, ISC 01 08:38:19.0.0.4, 46.74N.10.03:10.47E.0.04, h14km, 11km, n27, c028/54, 14C-2D, Northern Italy

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

CSEM 01 08:38:19.3.0.3, 46.72N.10.43E, h11km, ML2.5/10, Error ellipse: s-maj=1.9km s-min=1.0km az=30.0, ROM 01 08:38:19.3.0.3, 46.72N.10.43E, h11km, ML2.4/6, MI1.7/3, Error ellipse: s-maj=3.6km s-min=1.9km az=48.0, ISC 01 08:38:19.0.0.4, 46.74N.10.03:10.47E.0.04, h14km, 11km, n27, c028/54, 14C-2D, Northern Italy

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

1d 10h

Table with columns: MABI, Malga Bissina, 0.69 178 Pg Sg, 08 38 32.5 +0.1, 08 38 41.7 +0.2, etc.

IDC 01 09:05:21.7:1.5, 56:00N:161.16E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.4/26, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=28.5km s-min=21.4km az=132.0

ISCJB 01 09:05:31.4:0.5, 55:00N:161.72E, h0, 06, h52km, 7km, mb3.4/2, Error ellipse: s-maj=3.3km s-min=4.0km az=12.8

KRSC 01 09:05:31.7:0.7, 55:03N:161.65E, h86km, 5km, ML4.2, MOS 01 09:05:31.3:0.2, 54:38N:161.72E, h91km, mb4.2/1, Error ellipse: s-maj=28.5km s-min=12.4km az=74.4

ISC 01 09:05:32.4:0.5, 55:00N:002:161.72E:0.07, h86km, 7km, n29, e0575/48, mb3.4/3, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Mys Kozlova, Zelenaya, Bezymyannaya, etc.

ISCJB 01 09:15:51.9:1.0, 21:19S:0:05:69.1W:0:2, h128km, 11km, mb3.4/2, Error ellipse: s-maj=30.9km s-min=7.1km az=4.8

GDC 01 09:15:51.6:0.8, 21:18S:69:06W, h125km, 11km, ML3.8, IDC 01 09:16:14.3:7.2, 19:20S:67:98W, h246km, 44km, mb3.4/2, mb1 3.6/2, mb1mx3.2/15, mbtmp3.4/2, Error ellipse: s-maj=105.9km s-min=37.3km az=22.0

ISC 01 09:15:52.8:1.0, 21:19S:0:05:69.0W:0:2, h120km, 12km, n8, e0970/14, mb3.4/2, 2C, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Maria Elena, Humberston, Pisagua, etc.

NEIC 01 09:16:11.6:1.6, 62N:147.73W, h20km, ML3.7(PMR), ML3.4(AEIC), After AEIC., Southern Alaska

2008 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Sawmill, Palmer, Divide, Rabbit Creek A, etc.

NEIC 01 09:31:16.1:1.7, 29N:93:97W, h180km, MD4.0(MEX), After MEX

MEX 01 09:31:16.1:1.2, 27:29N:93:97W, h180km, 14km, MD4.0, Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Matias Romero, Huatulco, Vista Hermosa, etc.

IDC 01 09:57:14.2:1.4, 4:45S:145:19E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.7/16, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=60.9km s-min=24.2km az=120.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

DJA 01 10:02:23.10:63N:128:27E, h20km, mb5.0/10, MAN 01 10:02:45.8:77N:127:64E, h40km, ML3.5, MS3.4, ISCJB 01 10:02:47.6:0.4, 8:74N:0:04:127:52E:0:04, h36km, mb4.3/22, Error ellipse: s-maj=5.5km s-min=5.0km

BUI 01 10:02:49.2:8:10N:127:38E, h83km, mb4.9/3, mb4.6/10, IDC 01 10:02:49.4:0.6, 8:60N:127:44E, h36km, mb4.6/11, mb1 4.1/15, mb1mx4.1/23, mbtmp4.1/15, ML4.3/1, MS3.4/3, Ms1 3.5/3, ms1mx2.9/37, Error ellipse: s-maj=21.5km s-min=11.3km az=78.0

NEIC 01 10:02:51.5:1.8, 8:56N:127:46E, h58km, 17km, mb4.6/8, Error ellipse: s-maj=14.6km s-min=7.2km az=63.0

ISC 01 10:02:49.7:0.4, 8:74N:0:04:127:52E:0:04, h38km, h36km, 1.6km, pP, n50, e121/54, mb4.3/22, 2C, Philippine Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Butuan, Mati, Surigao, Davao City (W), DAV, Musuan, Davao City-Mi, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Kuching, Kakadu, Fitzroy Crossi, etc.

KRSC 01 10:07:13.7:0.4, 55:54N:161:80E, h75km, 75km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Zelenaya, Tsirka, Bezymyannaya, etc.

IDC 01 10:27:40.8:6.3, 25:99N:106:59E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/24, mbtmp3.5/5, ML3.4/1, MS2.9/1, s-min=35.4km az=113.0, Error ellipse: s-maj=135.0km

ISCJB 01 10:27:42.6:1.0, 25:83N:108:105E:0:05, h10km, mb3.5/4, Error ellipse: s-maj=13.1km s-min=5.3km az=157.1

BUI 01 10:27:47.9:25:93N:105:07E, h11km, ML3.5/10, ISC 01 10:27:44.5:1.0, 25:80N:109:105E:0:06, h10km, n8, e154/12, mb3.5/4, Southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Guiyang, Kunming, Chengdu, etc.





1d 11h

2008 SEP

lens: Scale 1016Nm; Mir3.14:20; Mm-1.34:13; Mm-1.80:13; Mm2.16:28; Mm-1.56:8; Mm0.92:26; Best double couple: M3.90000:1016 NP1:208.000000, 329.00000, 1.65.00000, NP2:56.00000, 863.00000, 1.103.00000. Principal axes: T.0300, Plg69.0000, Azm352.0000; N.-0.2100, Plg12.0000, Azm229.0000; P.-3.8100, Plg17.0000, Azm136.0000; Data Used: II IC IU G CN.

MOS 01:11:01:18.2:1.4.22:65S:174.93W,h33km,mb5.4/21 Error ellipse: s-maj=12.9km s-min=10.4km az=49.1 NEIC 01:11:01:19.4:1.8.22:74S:174.93W,h59km,mb5.1/58, Error ellipse: s-maj=12.0km s-min=6.6km az=147.0

SZGRF 01:11:01:19.9:21.75S:173.44W,h33km,Tonga Islands ISC 01:11:01:17.6:1.5.22:87S:106.174:82W,0.05,h46km,12km,h43km,1.5km;pP-P,N590,e0f60/502,mb5.1/86,MS4.5/25-201C-101D,Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like MSFV Nonsavu, AFI Afiamalu, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like MPMC Manual Prospe, HEC Hector Ludlow, MLAC Mammoth Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Z18A Geronimo, V15A Kaibai Nationa, W16A Flatstaff, etc.

HAWA	Hanford	85.14	35	eP	P	11 13 48.2	-0.4
P15A	Leamington	85.21	43	UP	P	11 13 49.5	+0.4
V19A	Window Rock	85.21	48	UP	P	11 13 49.0	-0.3
DUG	Dugway	85.23	43	UP	P	11 13 49.5	+0.3
Y21A	Point of Rocks	85.27	50	UP	P	11 13 49.8	+0.2
W20A	Ramah	85.28	49	UP	P	11 13 49.8	+0.1
MFID	Camas Ranch	85.32	39	UP	P	11 13 49.7	+0.1
Z22A	Elephant Butte	85.39	51	UP	P	11 13 50.1	-0.1
U19A	Dine' College	85.41	48	UP	P	11 13 50.1	-0.2
T18A	Mexican Hat	85.42	47	UP	P	11 13 50.2	-0.1
X21A	Alamocita Cree	85.42	50	UP	P	11 13 50.2	-0.1
PLCA	Paso Flores	85.50	132	P	P	11 13 50.3	-0.5
PLCA	Entiat	85.52	34	eP	P	11 13 50.2	-0.3
ETW	Castle Valley	85.55	45	UP	P	11 13 51.1	+0.2
Q16A	Moseley Ranch	85.55	53	UP	P	11 13 50.5	-0.6
324A	Marblemount	85.55	32	UP	P	11 13 50.7	0.0
B06A	Hanksville Air	85.57	45	UP	P	11 13 50.9	-0.1
R17A	VNA3 Neumayer Olymp	85.57	175	eP	P	11 13 49.1	-1.5
VNA3	VNA3	85.58	56	UP	P	11 13 52.2	0.0
A05A	Maple Falls	85.58	32	UP	P	11 13 51.2	+0.4
425A	Indio Mountain	85.59	54	UP	P	11 13 51.3	0.0
P16A	Fountain Green	85.62	44	UP	P	11 13 51.5	+0.2
626A	Big Bend Ranch	85.63	56	UP	P	11 13 51.5	0.0
S18A	Hurst Farm, BI	85.64	46	UP	P	11 13 51.3	-0.1
V20A	Brimhall	85.66	48	UP	P	11 13 51.4	-0.1
TMUT	Trail Mountain	85.73	44	eP	P	11 13 52.6	+0.8
Y22A	Socorro	85.74	51	UP	P	11 13 52.4	+0.4
MNTX	Cornudas Mount	85.75	53	UP	P	11 13 52.1	+0.1
MNTX	Cornudas Mount	85.75	53	UP	P	11 13 52.1	+0.1
T19A	Bealabito	85.83	47	UP	P	11 13 52.5	+0.2
224A	Cornudas Mount	85.84	53	UP	P	11 13 52.3	-0.2
Y22D	IRIS PASSCAL I	85.84	50	UP	P	11 13 52.6	+0.2
LENM	Lemitar	85.85	50	UP	P	11 13 53.2	+0.7
LAZ	Ladron	85.85	50	eP	P	11 13 53.3	+0.8
W21A	San Fidel	85.87	49	UP	P	11 13 52.3	-0.3
TXAR	Lajitas Array	85.88	56	P	P	11 13 52.2	-0.5
TXAR	Lajitas Array	85.88	56	P	P	11 13 52.2	-0.6
325A	Bean Ranch, Si	85.89	54	UP	P	11 13 52.7	-0.1
D08A	Wollman Farm	85.89	35	UP	P	11 13 52.7	+0.3
526A	Mary Lane Ranc	85.91	55	UP	P	11 13 52.6	-0.3
Z23A	Rita Site, Whi	85.92	51	UP	P	11 13 52.1	+0.7
U20A	Newcomb	85.93	48	UP	P	11 13 52.5	-0.3
I12A	Atlanta	85.95	39	UP	P	11 13 52.9	+0.2
E09A	Wood Farm, Sta	85.96	35	UP	P	11 13 52.9	+0.2
CN2	Changchun	85.98	321	eP	P	11 13 53.3	+0.4
CN2	CN2	85.98	321	eP	P	11 14 12.3	+0.7
CN2	CN2	85.98	321	eP	P	11 24 23.2	0.0
CN2	comp=Z,20nm,1.1s,mb5.3						
CN2	comp=Z,400nm,5.0s						
CN2	comp=N,400nm,16.0s,MS5.1						
CN2	comp=E,400nm,16.0s,MS5.1						
CN2	comp=Z,600nm,17.0s,MS5.1						
L14A	Malta	86.03	41	UP	P	11 13 53.3	+0.1
VNA2	Neumayer-Watz	86.05	176	eP	P	11 13 51.9	-1.0
SRU	San Rafael	86.07	45	UP	P	11 14 04.2	-2.3
SRU	San Rafael	86.07	45	eP	P	11 13 53.4	-0.1
SRU	San Rafael	86.07	45	eP	P	11 13 53.2	-0.3
SRU	San Rafael	86.07	45	eP	P	11 13 53.2	-0.3
SRU	San Rafael	86.07	45	eP	P	11 13 53.2	-0.3
KLR	Kul'dur	86.08	328	eP	P	11 13 49.6	-3.6
KLR	Kul'dur	86.08	328	eP	P	11 13 49.6	-3.6
BNM	Barren Site	86.09	51	eP	P	11 13 54.2	+0.5
R18A	Canyonlands Na	86.09	46	UP	P	11 13 53.3	-0.2
F10A	Beach Ranch, E	86.11	36	UP	P	11 13 53.6	+0.1
P17A	Butcher Ranch,	86.14	44	UP	P	11 13 54.0	+0.2
627A	Terlingua Ranc	86.15	56	UP	P	11 13 53.3	-0.8
M15A	Larsen Ranch,	86.18	42	UP	P	11 13 54.3	+0.3
124A	Stringfield Ra	86.20	52	UP	P	11 13 53.9	-0.4
OD2	Odesa Site #2	86.22	34	UP	P	11 13 54.4	+0.4
HLID	Hailey	86.23	39	UP	P	11 13 54.9	+0.8
HLID	Hailey	86.23	39	eP	P	11 13 53.9	-0.2
S19A	Harvey Farm, M	86.24	46	UP	P	11 13 54.3	0.0
426A	McDonald Obser	86.25	55	UP	P	11 13 54.2	-0.4
VNA1	Neumayer-Stat	86.26	176	eP	P	11 13 53.9	-0.1
VNA1	VNA1	86.27	40	eP	P	11 14 05.5	-2.1
J13A	Cove Ranch, Pi	86.27	40	UP	P	11 13 54.5	+0.1
527A	Woodward Ranch	86.31	55	UP	P	11 13 54.6	-0.3
JLU	Jordanelle	86.31	43	eP	P	11 13 54.7	+0.1
Q18A	Rafter H Ranch	86.32	45	UP	P	11 13 54.9	+0.2
DAU	Daniels Canyon	86.33	43	UP	P	11 13 57.0	+2.3
DAU	Daniels Canyon	86.33	43	UP	P	11 13 57.0	+2.3
IPM	Ipo	86.35	276	eP	P	11 13 55.5	0.0
K14A	Jones Ranch, D	86.36	41	UP	P	11 13 55.2	+0.3
225A	Deer Hill, Car	86.37	53	UP	P	11 13 55.2	+0.1
MVCO	Mesa Verde	86.38	47	UP	P	11 13 55.4	+0.3
MVCO	Mesa Verde	86.38	47	eP	P	11 13 55.3	+0.2
Y23A	Lovelace Mesa,	86.38	51	UP	P	11 13 55.1	-0.1
W22A	Albuquerque	86.39	50	UP	P	11 13 55.2	+0.1
R19A	Curley Farm, L	86.45	46	UP	P	11 13 55.5	+0.1

N16A	Rees Ranch, Co	86.48	43	UP	P	11 13 55.2	-0.2
B08A	Colville Reser	86.52	33	UP	P	11 13 56.7	+1.2
L15A	Malad City	86.53	41	UP	P	11 13 55.5	-0.2
O17A	Robinson Place	86.54	44	UP	P	11 13 56.3	+0.6
P18A	Pregon Nutter	86.54	44	UP	P	11 13 55.7	-0.1
U21A	Nageezi	86.54	48	UP	P	11 13 56.0	+0.1
628A	Black Gap, Mar	86.55	56	UP	P	11 13 55.7	-0.3
H12A	Diamond D Ranc	86.56	38	UP	P	11 13 56.7	+0.9
Z24A	Sheep Ranch, Cany	86.58	52	UP	P	11 13 56.5	+0.4
M16A	Huntsville	86.60	42	UP	P	11 13 55.8	-0.2
326A	Caldwell Ranch	86.61	54	UP	P	11 13 55.6	-0.7
I13A	Wildhorse Cree	86.61	39	UP	P	11 13 56.0	0.0
ANMO	Albuquerque	86.61	50	eP	P	11 13 56.5	+0.2
ANMO	Albuquerque	86.61	50	eP	P	11 13 56.5	+0.3
J14A	Carey	86.61	40	UP	P	11 13 56.0	0.0
G12A	Big Creek, Yel	86.64	38	UP	P	11 13 56.5	+0.3
C09A	Chrisman Ranch	86.71	34	UP	P	11 13 56.4	+0.1
GD2L	Guadalupe Moun	86.75	53	eP	P	11 13 57.5	+0.5
125A	Gardner Farm,	86.76	53	UP	P	11 13 57.0	-0.1
S20A	Disappointment	86.81	47	UP	P	11 13 57.2	+0.1
Q19A	Hogan Spring (	86.81	45	UP	P	11 13 56.7	-0.4
427A	Hayler Ranch,	86.81	55	UP	P	11 13 56.9	-0.4
Y24A	Capitan	86.83	51	UP	P	11 13 57.1	-0.2
K15A	Arbon	86.83	41	UP	P	11 13 57.6	+0.4
N17A	Moffit Pass	86.89	43	UP	P	11 13 57.4	0.0
H13A	Challis	86.92	39	UP	P	11 13 57.5	0.0
W21A	Navajo Lake	86.92	48	UP	P	11 13 57.0	-0.7
W23A	Werner Place,	86.94	50	UP	P	11 13 57.8	-0.1
528A	Cox Ranch, SNR=	86.95	56	UP	P	11 13 57.6	-0.4
R20A	Redvale	86.98	46	UP	P	11 13 57.6	-0.4
I14A	MacKay	87.01	39	UP	P	11 13 57.9	0.0
Z25A	Roswell	87.02	52	UP	P	11 13 58.1	-0.2
F12A	Elk City	87.06	37	UP	P	11 13 58.1	-0.1
U22A	Llaves	87.07	49	UP	P	11 13 58.2	-0.3
S21A	Coal Bank Pass	87.10	47	UP	P	11 13 58.4	-0.2
L16A	Fish Haven	87.12	42	UP	P	11 13 58.2	-0.4
CLNB	Carlsbad	87.14	53	eP	P	11 13 58.4	-0.5
X24A	Las Vil Ranch,	87.15	51	UP	P	11 13 57.9	-1.0
V23A	Ortiz Mt. (NFS	87.21	49	UP	P	11 13 58.5	-0.7
126A	Clayton Basin,	87.22	53	UP	P	11 13 58.4	-0.8
G13A	Cobalt	87.24	38	UP	P	11 13 58.7	-0.4
E12A	Beaver Dam Sad	87.29	37	UP	P	11 13 58.7	-0.5
M17A	Scully's Gap (B	87.29	43	UP	P	11 13 58.5	-0.9
428A	Kincaid Ranch,	87.29	55	UP	P	11 13 59.5	-0.2
J15A	Blackfoot	87.30	40	UP	P	11 13 59.1	-0.3
Y25A	Mesa, Roswell	87.36	52	UP	P	11 13 59.4	-0.5
P19A	Cripple Cowboy	87.36	45	UP	P	11 13 59.4	-0.4
T22A	Edith	87.37	48	UP	P	11 13 59.2	-0.6
Q20A	Ridgley Place,	87.45	46	UP	P	11 13 59.5	-0.7
H14A	Leadore	87.46	39	UP	P	11 13 60.0	-0.1
K16A	Soda Springs	87.49	41	UP	P	11 14 00.4	+0.1
W24A	Lazy 6 Ranch,	87.49	50	UP	P	11 14 00.4	-0.1
U23A	El Rito	87.51	49	UP	P	11 14 00.4	-0.2
328A	Wristen Ranch,	87.51	55	UP	P	11 13 59.9	-0.8
L17A	Cokeville	87.51	42	UP	P	11 14 00.3	-0.1
CPRX	Cap Rock	87.52	53	eP	P	11 14 00.8	+0.1
Z26A	Caprock	87.56	52	UP	P	11 14 00.7	-0.2
NEW	Newport	87.60	34	UP	P	11 14 00.4	-0.2
I15A	Montevie	87.62	40	UP	P	11 14 00.8	-0.1
O19A	Milners Draw (B	87.63	44	UP	P	11 14 00.7	-0.4
R21A	Cimarron	87.63	4				





IDC 01 12:00:54.72.0.7, 50.03Sx119.88E, h0km, mb4.1/3, mb1 4.3/3, mb1mx4.0/12, mbtmp4.1/3, Error ellipse: s-maj=64.5km s-min=48.2km az=178.0, Western Indian-Antarctic Ridge

STKA Stephens Creek 24.30 50 P Op ISC h m s ISC 12 06 13.9 +0.3
ASAR Alice Springs 28.50 28 P P 12 06 51.5 -0.1
CMAR Chiang Mai Arr 70.65 319 P P 12 12 12.0 +0.1
PDAR Pinedale Array 145.68 83 PKPbc PKPbc 12 20 34.0 -0.6

MAN 01 12:00:57.10.72N, 124.95E, h4km, mb4.9, ML3.8, MS3.8
ISCJB 01 12:00:58.0.0.8, 10.70N, 0.03, 124.96E, 0.05, h16km, 6km, mb3.7/10, MS3.1/2, Error ellipse: s-maj=7.9km s-min=4.9km az=166.6

IDC 01 12:00:58.5.0.8, 10.44N, 124.54E, h0km, mb3.8/10, mb1 3.9/11, mb1mx3.8/22, mbtmp3.8/11, ML4.5, MS3.2/2, Ms1 3.2/2, ms1mx2.6/20, Error ellipse: s-maj=35.6km s-min=12.6km az=74.0

NEIC 01 12:00:59.9.0.6, 10.34N, 124.15E, h10km, Error ellipse: s-maj=18.0km s-min=10.7km az=74.0
ISC 01 12:00:57.8.0.9, 10.64N, 0.03, 124.92E, 0.04, h0km, 6km, n30, r1512/36, mb3.8/10, MS3.1/2, 1C, Leyte

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Maasin, Ormoc, Cagayan de Oro, etc.

MAN 01 12:42:50.3.1.9, 6.74S, 128.43E, h0km, mb4.0/1, mb1 4.2/3, mb1mx3.7/16, mbtmp4.0/3, ML4.3/2, Error ellipse: s-maj=108.8km s-min=30.1km az=66.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tual, KAKA, KNA, WRA, ASAR, MKAR, etc.

MAN 01 12:57:59.16.70N, 119.97E, h11km, mb4.0, ML2.8, MS2.5, 1C, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bolinao, Baguio City, Santa Cruz, etc.

ISC 01 13:01:02.8.1.41, 05N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 13:01:04.6.0.9, 40.99N, 0.06, 35.13E, 0.05, h10km, Error ellipse: s-maj=8.0km s-min=5.5km az=174.2

CSEM 01 13:01:04.1.0.5, 40.97N, 35.19E, h5km, MD3.0
DDA 01 13:01:05.2.40.90N, 35.14E, h7km, 2km, MD3.0
ISC 01 13:01:04.8.1.1, 40.99N, 0.06, 35.16E, 0.05, h10km, 8km, n16, r1514/25, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Corum, Tokmak, Akbulak array, etc.

IDC 01 12:19:00.7.4.3, 52N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 12:19:01.9.1.1, 32.76N, 0.04, 105.4E, 0.1, h10km, mb3.2/3, Error ellipse: s-maj=14.4km s-min=6.1km az=4.8

BUI 01 12:19:06.2.32.74N, 105.44E, h15km, ML3.2/5
ISC 01 12:19:04.7.1.1, 32.72N, 0.04, 105.4E, 0.1, h10km, n5, r0591/7, mb3.2/3, Sichuan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chengdu, Lanzhou, etc.

MAN 01 13:01:11, 12.80N, 124.28E, h14km, mb4.3, ML3.2, MS3.0, 1D, Samar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borongan, San Andres, Guinayanang, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Izmir, Bornova, Tasoluk, Bodrum, etc.

MAN 01 12:42:50.3.1.9, 6.74S, 128.43E, h0km, mb4.0/1, mb1 4.2/3, mb1mx3.7/16, mbtmp4.0/3, ML4.3/2, Error ellipse: s-maj=108.8km s-min=30.1km az=66.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tual, KAKA, KNA, WRA, ASAR, MKAR, etc.

MAN 01 12:57:59.16.70N, 119.97E, h11km, mb4.0, ML2.8, MS2.5, 1C, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bolinao, Baguio City, Santa Cruz, etc.

ISC 01 13:01:02.8.1.41, 05N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 13:01:04.6.0.9, 40.99N, 0.06, 35.13E, 0.05, h10km, Error ellipse: s-maj=8.0km s-min=5.5km az=174.2

CSEM 01 13:01:04.1.0.5, 40.97N, 35.19E, h5km, MD3.0
DDA 01 13:01:05.2.40.90N, 35.14E, h7km, 2km, MD3.0
ISC 01 13:01:04.8.1.1, 40.99N, 0.06, 35.16E, 0.05, h10km, 8km, n16, r1514/25, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Corum, Tokmak, Akbulak array, etc.

IDC 01 12:19:00.7.4.3, 52N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 12:19:01.9.1.1, 32.76N, 0.04, 105.4E, 0.1, h10km, mb3.2/3, Error ellipse: s-maj=14.4km s-min=6.1km az=4.8

BUI 01 12:19:06.2.32.74N, 105.44E, h15km, ML3.2/5
ISC 01 12:19:04.7.1.1, 32.72N, 0.04, 105.4E, 0.1, h10km, n5, r0591/7, mb3.2/3, Sichuan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chengdu, Lanzhou, etc.

MAN 01 13:01:11, 12.80N, 124.28E, h14km, mb4.3, ML3.2, MS3.0, 1D, Samar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borongan, San Andres, Guinayanang, etc.

ISC 01 13:04:57.8.0.2, 48.64N, 0.04, 157.48E, 0.04, h10km, mb4.2/3, MS3.4/5, Error ellipse: s-maj=6.2km s-min=3.6km az=174.0

IDC 01 13:04:58.1.0.6, 48.58N, 157.51E, h0km, mb4.1/18, Ms1 3.4/4, ms1mx2.9/28, Error ellipse: s-maj=18.2km s-min=9.9km az=148.0

NEIC 01 13:04:59.4.3.0, 48.62N, 157.50E, h8km, 18km, mb4.4/15, Error ellipse: s-maj=8.5km s-min=5.2km az=150.0

BUI 01 13:05:00.8.49.12N, 156.99E, h8km, mb4.5/14, mb4.4/20, Ms4.3/9, Ms7.3/9/11

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Samos, Balçova, etc.

MOS 01 13:05:02.5.1.0, 48.71N, 157.30E, h46km, mb4.3/12, Error ellipse: s-maj=11.6km s-min=8.2km az=87.1

ISC 01 13:04:59.9.0.2, 48.66N, 0.04, 157.46E, 0.04, h10km, (h12km, 1.9km, p-P), n263, c059/269, mb4.2/38, MS3.4/5, 86C-96D, East of Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, etc.

MAN 01 12:42:50.3.1.9, 6.74S, 128.43E, h0km, mb4.0/1, mb1 4.2/3, mb1mx3.7/16, mbtmp4.0/3, ML4.3/2, Error ellipse: s-maj=108.8km s-min=30.1km az=66.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tual, KAKA, KNA, WRA, ASAR, MKAR, etc.

MAN 01 12:57:59.16.70N, 119.97E, h11km, mb4.0, ML2.8, MS2.5, 1C, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bolinao, Baguio City, Santa Cruz, etc.

ISC 01 13:01:02.8.1.41, 05N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 13:01:04.6.0.9, 40.99N, 0.06, 35.13E, 0.05, h10km, Error ellipse: s-maj=8.0km s-min=5.5km az=174.2

CSEM 01 13:01:04.1.0.5, 40.97N, 35.19E, h5km, MD3.0
DDA 01 13:01:05.2.40.90N, 35.14E, h7km, 2km, MD3.0
ISC 01 13:01:04.8.1.1, 40.99N, 0.06, 35.16E, 0.05, h10km, 8km, n16, r1514/25, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Corum, Tokmak, Akbulak array, etc.

IDC 01 12:19:00.7.4.3, 52N, 108.23E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.2/3, Error ellipse: s-maj=65.2km s-min=29.8km az=49.0

ISCJB 01 12:19:01.9.1.1, 32.76N, 0.04, 105.4E, 0.1, h10km, mb3.2/3, Error ellipse: s-maj=14.4km s-min=6.1km az=4.8

BUI 01 12:19:06.2.32.74N, 105.44E, h15km, ML3.2/5
ISC 01 12:19:04.7.1.1, 32.72N, 0.04, 105.4E, 0.1, h10km, n5, r0591/7, mb3.2/3, Sichuan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chengdu, Lanzhou, etc.

MAN 01 13:01:11, 12.80N, 124.28E, h14km, mb4.3, ML3.2, MS3.0, 1D, Samar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borongan, San Andres, Guinayanang, etc.

ISC 01 13:04:57.8.0.2, 48.64N, 0.04, 157.48E, 0.04, h10km, mb4.2/3, MS3.4/5, Error ellipse: s-maj=6.2km s-min=3.6km az=174.0

IDC 01 13:04:58.1.0.6, 48.58N, 157.51E, h0km, mb4.1/18, Ms1 3.4/4, ms1mx2.9/28, Error ellipse: s-maj=18.2km s-min=9.9km az=148.0

NEIC 01 13:04:59.4.3.0, 48.62N, 157.50E, h8km, 18km, mb4.4/15, Error ellipse: s-maj=8.5km s-min=5.2km az=150.0

BUI 01 13:05:00.8.49.12N, 156.99E, h8km, mb4.5/14, mb4.4/20, Ms4.3/9, Ms7.3/9/11

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Samos, Balçova, etc.



KMI	Kuning	48.46 261	P	pP	13 14 45.2 +0.0
KMI				pP	13 13 47.0 +1.3
KMI				pmax	
comp=Z,2.0nm,1.0s,mb4.0					
MK31	Makanchi Array	48.66 298	eP	P	13 13 43.7 -0.1
MKAR	Makanchi Array	48.66 298	P	P	13 13 44.0 +0.2
comp=Z,0.7nm,0.6s,mb3.9,baz=68,slow=8.0,SNR=8.5					
MKAR	Makanchi Array	48.66 298	LR	LR	13 35 20.8
comp=Z,4.8nm,1.9,4s,MS3.5,baz=280,slow=37					
MKAR	Makanchi Array	48.66 298	iP	pmax	13 13 44.0 +0.2
comp=Z,1.0nm,0.6s					
MKAR	Makanchi Array	48.66 298	P	P	13 13 44.0 +0.2
MKAR			LR	LR	13 35 20.8
KURK	Kurchatov	48.74 304	P	P	13 13 45.1 +0.7
comp=Z,2.7nm,0.5s,mb4.5,baz=67,slow=8.1,SNR=15					
KURK	Kurchatov	48.74 304	eP	pmax	13 13 44.5 +0.1
comp=Z,3.0nm,0.6s,mb4.5					
KURK	Kurchatov	48.74 304	eP	P	13 13 43.6 -0.8
comp=Z,2.7nm,0.7s,mb4.4					
BVAR	Borovyoye Array	51.90 310	P	P	13 14 08.2 0.0
comp=Z,1.5nm,0.5s,mb4.2,baz=58,slow=8.9,SNR=8.4					
BRVK	Borovyoye	51.94 310	eP	P	13 14 08.9 +0.4
BRVK				pmax	
comp=Z,5.0nm,1.7s,mb4.9					
BRVK	Borovyoye	51.94 310	eP	P	13 14 08.5 0.0
YBH	Yreka Hue Hor	54.25 65	P	P	13 14 26.4 +0.6
comp=Z,4.2nm,0.9s,mb4.4,baz=34,slow=4.4,SNR=6.6					
A13A	Flathead Natl	54.76 54	iP	P	13 14 29.3 -0.1
comp=Z,4.0nm,2.5s,mb4.0					
K05A	Summer Lake	54.76 63	iP	P	13 14 30.3 +0.9
comp=Z,4.0nm,2.5s,mb4.0					
I07A	Ize	54.77 61	iP	P	13 14 30.4 +0.9
comp=Z,4.0nm,2.5s,mb4.0					
B13A	Whitefish	55.05 54	iP	P	13 14 31.6 +0.1
comp=Z,4.9nm,1.1s,mb4.5					
KZAZ	Kyzart	55.48 296	eP	P	13 14 36.3 +1.7
comp=Z,4.9nm,1.1s,mb4.5					
ARU	Arti	55.57 318	iP	P	13 14 35.0 -0.1
ARU				S	13 16 37.7
ARU				SS	13 22 22.1 +1.9
ARU				SS	13 26 05.9 +1.5
comp=Z,1.2nm,1.0s,mb4.9					
ARU	Arti	55.57 318	eP	P	13 14 34.5 -0.6
comp=Z,7.2nm,0.9s,mb4.7					
AAK	Ala-Archa	55.59 297	P	P	13 14 44.5
comp=Z,1.3nm,0.3s,mb4.5,baz=134,slow=4.2,SNR=6.4					
AAK	Ala-Archa	55.59 297	eP	pmax	13 14 36.2 +0.8
comp=Z,4.0nm,2.5s,mb4.0					
E12A	Beaver Dam Sad	55.61 57	iP	P	13 14 35.4 -0.2
comp=Z,0.6nm,0.5s,mb3.9,baz=32,slow=7.3,SNR=7.6					
CMAR	Chiang Mai Arr	55.65 259	P	P	13 14 36.4 +0.2
comp=Z,3.0nm,1.0s,mb4.3					
EK5Z	Erkin-Say	56.00 298	eP	P	13 14 39.3 +0.9
comp=Z,3.0nm,1.0s,mb4.3					
F12A	Elk City	56.19 57	iP	P	13 14 39.8 +0.1
comp=Z,3.0nm,1.0s,mb4.3					
D14A	Greenough	56.35 55	iP	P	13 14 40.4 -0.4
comp=Z,3.0nm,1.0s,mb4.3					
C15A	Salmond Ranch,	56.41 54	iP	P	13 14 41.5 +0.2
comp=Z,3.0nm,1.0s,mb4.3					
B16A	M & M Farms, S	56.51 53	iP	P	13 14 41.4 -0.6
comp=Z,3.0nm,1.0s,mb4.3					
G12A	Big Creek, Yel	56.52 58	iP	P	13 14 42.1 0.0
comp=Z,3.0nm,1.0s,mb4.3					
ARCES	ARCES Array B	56.99 342	LR	LR	13 42 50.1
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
H12A	Diamond D Ranc	57.14 58	iP	P	13 14 46.5 0.0
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
G13A	Cobalt	57.16 57	iP	P	13 14 46.6 0.0
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
E15A	Deer Lodge	57.22 55	iP	P	13 14 47.0 0.0
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
MFID	Camas Ranch	57.29 60	iP	P	13 14 47.9 +0.4
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
I12A	Atlanta	57.45 59	iP	P	13 14 48.8 +0.1
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
H13A	Challis	57.47 58	iP	P	13 14 49.2 +0.4
comp=Z,4.7nm,2.1s,MS3.5,baz=29,slow=40					
KKAR	Karatay Array	57.62 300	eP	pmax	13 14 50.0 +0.1
comp=Z,1.0nm,0.7s,mb4.0					
KKAR	Karatay Array	57.62 300	eP	P	13 14 50.0 +0.1
comp=Z,1.0nm,0.7s,mb4.0					
I13A	Wildhorse Cree	57.95 58	iP	P	13 14 52.7 +0.5
comp=Z,1.0nm,0.7s,mb4.0					
HLID	Hailey	58.01 59	iP	P	13 14 52.7 +0.1
comp=Z,1.0nm,0.7s,mb4.0					
HLID	Hailey	58.01 59	eP	P	13 14 53.2 +0.6
comp=Z,1.7nm,0.8s,mb4.1					
G15A	Dillon	58.08 56	iP	P	13 14 52.9 -0.1
comp=Z,1.7nm,0.8s,mb4.1					
MCMT	McKenzie Canyo	58.09 57	eP	P	13 14 52.0 -1.2
comp=Z,1.0nm,1.0s,mb3.8					
E17A	Martinsdale	58.16 54	iP	P	13 14 54.0 +0.3
comp=Z,1.0nm,1.0s,mb3.8					
J13A	Cove Ranch, Pi	58.24 59	iP	P	13 14 54.8 +0.5
comp=Z,1.0nm,1.0s,mb3.8					
BOZ	Bozeman (W)	58.26 56	iP	P	13 14 54.5 +0.2
comp=Z,1.0nm,1.0s,mb3.8					
I14A	Mackay	58.32 58	iP	P	13 14 55.4 +0.6
comp=Z,1.0nm,1.0s,mb3.8					
C19A	Slack Wire Ran	58.33 52	iP	P	13 14 54.7 -0.1
comp=Z,1.0nm,1.0s,mb3.8					
G16A	Moss Hill, Enn	58.42 56	iP	P	13 14 55.7 +0.2
comp=Z,1.0nm,1.0s,mb3.8					
F17A	Fitzpatrick PI	58.62 55	iP	P	13 14 57.0 +0.2
comp=Z,1.0nm,1.0s,mb3.8					
J14A	Carey	58.66 59	iP	P	13 14 58.2 +1.0
comp=Z,1.0nm,1.0s,mb3.8					
C20A	Veseth Ranch,	58.89 52	iP	P	13 14 59.0 +0.3
comp=Z,1.0nm,1.0s,mb3.8					
G17A	Pierce Place,	58.95 55	iP	P	13 14 59.5 +0.3
comp=Z,1.0nm,1.0s,mb3.8					
NVAR	Mina Array Bea	58.96 66	P	P	13 14 59.9 +0.6
comp=Z,1.0nm,1.0s,mb3.8					
NVAR	Mina Array Bea	58.96 66	P	P	13 14 59.9 +0.6
comp=Z,1.0nm,1.0s,mb3.8					
H16A	Russell Place,	59.06 56	iP	P	13 15 00.0 +0.1
comp=Z,1.0nm,1.0s,mb3.8					
F18A	Big Timber	59.13 54	iP	P	13 15 00.3 0.0
comp=Z,1.0nm,1.0s,mb3.8					
J15A	Blackfoot	59.23 58	iP	P	13 15 01.5 +0.4
comp=Z,1.0nm,1.0s,mb3.8					
YMR	Madison River	59.24 56	eP	P	13 15 02.0 +0.9
comp=Z,1.0nm,1.0s,mb3.8					
ABKAR	Akbulak array	59.42 311	eP	P	13 15 02.5 +0.2
comp=Z,1.6nm,0.5s,mb4.3					
F19A	Roth Farm, Mol	59.58 54	iP	P	13 15 03.7 +0.2
comp=Z,1.6nm,0.5s,mb4.3					
RLMT	Red Lodge	59.87 55	iP	P	13 15 06.4 +0.8
comp=Z,1.6nm,0.5s,mb4.3					
O12A	Currie	59.92 52	iP	P	13 15 06.3 +0.6
comp=Z,1.6nm,0.5s,mb4.3					
H18A	Shoshone NF, C	59.95 55	iP	P	13 15 06.6 +0.6
comp=Z,1.6nm,0.5s,mb4.3					
F20A	Billings	60.04 54	iP	P	13 15 07.2 +0.6
comp=Z,1.6nm,0.5s,mb4.3					
K16A	Soda Springs	60.07 58	iP	P	13 15 07.9 +1.0
comp=Z,1.6nm,0.5s,mb4.3					
J17A	Brown Place, J	60.22 57	iP	P	13 15 08.4 +0.5
comp=Z,1.6nm,0.5s,mb4.3					
G20A	Bridger	60.38 54	iP	P	13 15 09.1 +0.1
comp=Z,1.6nm,0.5s,mb4.3					
Q12A	Willow Creek R	60.64 63	iP	P	13 15 10.7 -0.2
comp=Z,1.6nm,0.5s,mb4.3					
R11A	Troy Canyon, C	60.64 64	iP	P	13 15 10.9 0.0
comp=Z,1.6nm,0.5s,mb4.3					
P13A	Bates Ranch, G	60.85 62	iP	P	13 15 12.1 -0.2
comp=Z,1.6nm,0.5s,mb4.3					
MPMC	Manual Prospec	60.98 67	iP	P	13 15 12.7 -0.6
comp=Z,1.6nm,0.5s,mb4.3					
S11A	Rachel	61.00 65	iP	P	13 15 13.5 +0.1
comp=Z,1.6nm,0.5s,mb4.3					
M16A	Huntsville	61.03 59	iP	P	13 15 13.5 0.0
comp=Z,1.6nm,0.5s,mb4.3					
K18A	Toltan Ranch,	61.06 57	iP	P	13 15 13.8 +0.1
comp=Z,1.6nm,0.5s,mb4.3					
DUG	Dugway	61.07 61	eP	P	13 15 14.0 +0.2
comp=Z,1.6nm,0.5s,mb4.3					
DUG	Dugway	61.07 61	eP	pmax	13 15 14.0 +0.2
comp=Z,3.0nm,0.9s,mb4.0					
DUG	Dugway	61.07 61	eP	P	13 15 14.0 +0.2

FURC	Furnace Creek,	61.10 67	iP	P	13 15 14.0 0.0
comp=Z,3.4nm,0.9s,mb4.5					
Q13A	Wheeler Ranch,	61.18 63	iP	P	13 15 14.8 +0.3
comp=Z,3.4nm,0.9s,mb4.5					
J19A	Crowheart	61.20 56	iP	P	13 15 14.7 +0.1
comp=Z,3.4nm,0.9s,mb4.5					
R12A	Pony Springs,	61.24 64	iP	P	13 15 14.7 -0.3
comp=Z,3.4nm,0.9s,mb4.5					
BW06	Boulder Array	61.24 57	iP	P	13 15 14.8 -0.1
comp=Z,3.4nm,0.9s,mb4.5					
PDAR	Pinedale Array	61.24 57	P	P	13 15 15.3 +0.4
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
I20A	Woland	61.26 55	iP	P	13 15 15.1 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
P14A	Drum Mountains	61.32 62	iP	P	13 15 15.5 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
H21A	Big Horn, Sher	61.40 54	iP	P	13 15 16.0 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
EDW2	Edwards Air Fo	61.45 69	iP	P	13 15 16.2 -0.2
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
M17A	Scully's Gap (B	61.47 59	iP	P	13 15 16.6 +0.2
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
L18A	Fontenelle, Gr	61.53 58	iP	P	13 15 17.0 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
S12A	Delamar Landin	61.57 64	iP	P	13 15 17.4 +0.2
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
Q14A	Sevier Lake (B	61.59 62	iP	P	13 15 17.3 0.0
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
K19A	Absolon Red Bu	61.60 57	iP	P	13 15 17.0 -0.4
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
R13A	O Grain Ranch,	61.72 63	iP	P	13 15 18.3 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
N17A	Moffit Pass	61.72 59	iP	P	13 15 18.5 +0.3
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
P15A	Leamington	61.79 61	iP	P	13 15 18.7 +0.1
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
I21A	Big Trails, Te	61.80 55	iP	P	13 15 19.0 +0.4
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
SHOC	Shoshone	61.83 67	iP	P	13 15 18.6 -0.3
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
J21A	Lysite	62.03 55	iP	P	13 15 20.5 +0.4
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
S13A	Holt Ranch, En	62.17 64	iP	P	13 15 21.5 +0.2
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
N18A	Larsen Ranch,	62.36 59	iP	P	13 15 22.6 +0.2
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
J22A	Midwest	62.51 55	iP	P	13 15 23.1 -0.3
comp=Z,2.8nm,0.9s,mb4.4,baz=308,slow=3.6,SNR=15					
T13A	Saint George	62.52 64	iP	P	

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Los Morros, Antofagasta, Maria Elena, Mejiillones, etc.

IDC 01 13:46:38.1±1.5, 6.05S:147.47E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/16, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=63.1km s-min=19.2km az=120.0

ISCJB 01 13:46:42.5±3.8, 6.05S:147.47E, h0.3, h45km, 36km, mb3.8/5, Error ellipse: s-maj=46.3km s-min=27.2km az=30.0

NEIC 01 13:46:44.2±1.1, 6.07S:147.46E, h53km, 20km, mb4.5/1, Error ellipse: s-maj=28.7km s-min=17.1km az=120.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Port Moresby, Coen, Warramunga Arr, etc.

MAN 01 13:45:15.11±28N, 142.62E, h2km, mb4.3, ML3.1, MS2.9, 2D, Leyte

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Ormoc, Borongan, Lapu-Lapu, etc.

ISCJB 01 14:38:13.2±2.7, 12.1N:0.2±145.2E, h0.5, h74km, 18km, mb3.7/7, Error ellipse: s-maj=86.6km s-min=24.8km az=172.8

NEIC 01 14:38:13.9±2.4, 12.17N:145.15E, h60km, 20km, mb4.2/2, Error ellipse: s-maj=71.0km s-min=21.0km az=85.0

IDC 01 14:38:14.4±2.9, 12.11N:145.20E, h65km, 21km, mb3.6/6, mb1 3.6/6, mb1mx3.4/22, mbtmp3.6/6, Error ellipse: s-maj=86.9km s-min=19.9km az=83.0

ISC 01 14:38:13.9±2.8, 12.11N:0.2±145.2E, h0.5, h64km, 19km, n11, s093/13, mb3.8/7, South of Mariana Islands

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

IDC 01 15:01:58.0±0.8, 31.25N:103.77E, h0km, mb3.9/9, mb1 4.0/11, mb1mx3.9/22, mbtmp3.9/11, ML3.8/1, Error ellipse: s-maj=29.6km s-min=16.1km az=60.0

ISCJB 01 15:02:01.0±0.8, 31.20N:103.71E, h0.8, h27km, 6km,

mb3.9/10, Error ellipse: s-maj=11.9km s-min=6.9km az=170.6

BUJ 01 15:02:00.9, 31.21N:103.85E, h16km, mb4.5/5, mb4.2/7, ML3.8/15, Ms3.7/3, Ms7.3/2/3

NEIC 01 15:02:00.1±0.4, 31.27N:103.87E, h10km, mb4.0/2, Error ellipse: s-maj=11.9km s-min=8.0km az=60.0

ISC 01 15:02:00.0±0.7, 31.26N:103.103±89E, h0.5, h8km, 5km, n23, s091/31, mb3.9/10, D, Sichuan

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Chengdu, Lanzhou, Guiyang, Kunming, etc.

DDA 01 15:07:22.5, 38.84N:31.29E, h7km, 1km, Md2.9

ISCJB 01 15:07:23.5±0.5, 38.79N:0.03±1.28E, h10km, 5km, mb4.0/9, MS3.8/9, Error ellipse: s-maj=26.5km s-min=7.2km az=26.8

ISC 01 15:07:23.1, 38.77N:31.29E, h5km, Md2.9

CSEM 01 15:07:23.4±0.1, 38.77N:31.28E, h5km, Md2.9

ISC 01 15:07:23.8±0.5, 38.79N:0.03±1.27E, h0.3, h7km, 5km, n32, s086/64, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Bolv, Kizilcal, Suhut-Afyon, etc.

ISCJB 01 15:11:46.4±0.4, 22.67S:0.09±174.8W, 0.1, h39km, mb4.4/17, Error ellipse: s-maj=14.1km s-min=12.0km az=40.7

NEIC 01 15:11:47.9±0.4, 22.61S:174.82W, mb4.4/4, Error ellipse: s-maj=15.1km s-min=12.1km az=147.0

IDC 01 15:11:48.2±0.6, 22.54S:174.93W, h40km, 5km, mb4.2/13, mb1 4.3/13, mb1mx4.2/19, mbtmp4.2/13, Error ellipse: s-maj=21.0km s-min=15.1km az=124.0

ISC 01 15:11:48.0±0.5, 22.75S:0.10±174.8W, 0.1, h41km, h41km, 3km, pP-P, n38, s1912/34, mb4.4/17, Tonga Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Nonsavu, Afiamau, Rarotonga, etc.

NOU 01 15:11:46.4±1.9, 18.58S:169.07E, h30km, 999km, MD3.0, ML3.6

ISCJB 01 15:11:48.2±2.2, 19.18S:0.08±169.1E, 0.1, h7km, 14km, mb4.0/9, MS3.8/9, Error ellipse: s-maj=25.0km s-min=7.2km az=26.8

IDC 01 15:11:48.7±1.1, 19.09S:168.99E, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.1/15, mbtmp4.0/8, MS3.8/11, Ms1 3.8/11, ms1mx3.6/23, Error ellipse: s-maj=33.6km s-min=24.5km az=114.0

NEIC 01 15:11:55.1±2.7, 19.28S:168.95E, h43km, 21km, mb4.0/1, Error ellipse: s-maj=31.9km s-min=16.5km az=94.0

ISC 01 15:11:48.8±2.6, 19.23S:0.08±169.2E, 0.1, h1km, 17km, n26, s1902/26, mb4.1/9, MS3.8/9, Vanuatu Islands

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



Table with columns: ID, Name, Time, Status, and other details. Includes entries like AUQP San Andres, ENPP El Nido, BOSP Coron, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like MYKOM Kota Tinggi, FITZ Fitaro Crossi, FITZ Fitaro Crossi, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAR Chiang Mai, etc.

SNY	S	S	17 31 50.6	-0.6
SNY	comp=Z,570nm,1.2s,mb6.4	pmax		
SNY	LR	LR		
SNY	comp=N,490nm,22.5s	LR	LR	
SNY	comp=E,330nm,14.7s	LR	LR	
SNY	LR	LR		
LZH	comp=Z,630nm,20.1s	p	P	17 26 16.2 +0.9
LZH	Lanzhou	37.54 330	pP	17 26 41.0 +0.5
LZH	pP	pP	17 26 57.0 +3.7	
LZH	sP	sP	17 31 54.0 -2.3	
LZH	S	S	17 32 40.0 +0.1	
LZH	sS	sS	17 34 39.1 -6.5	
LZH	SS	SS		
LZH	pmax	pmax		
LZH	comp=Z,190nm,1.2s,mb5.8	pmax	pmax	
LZH	comp=Z,240nm,4.0s	LR	LR	
LZH	comp=N,1µm,12.6s	LR	LR	
LZH	comp=E,1µm,12.9s	LR	LR	
LZH	comp=Z,2µm,13.8s	LR	LR	
NWAO	Narogin (SRO)	38.19 192	eP	17 26 20.8 0.0
NWAO	comp=Z,174nm,1.0s	pmax	pmax	
NWAO	Narogin (SRO)	38.19 192	eP	17 26 20.8 +0.1
NWAO	comp=Z,174nm,1.0s,mb5.8	P	P	17 26 21.4 +0.7
NWAO	Narogin (SRO)	38.19 192	P	17 26 21.4 +0.7
BBOO	Bucklebo	38.29 166	eP	17 26 21.5 -0.1
BBOO	comp=Z,172nm,0.6s,mb5.1	P	P	17 26 21.0 -1.0
EIDS	Eidsvold	38.32 142	eP	17 26 21.0 -1.0
EIDS	comp=Z,88nm,0.8s,mb5.6	P	P	17 26 23.5 +0.4
HHC	Hu-ho-hao-te	38.48 342	pP	17 26 48.9 +0.5
HHC	pP	pP	17 27 01.9 +0.8	
HHC	sP	sP	17 27 58.4 +5.0	
HHC	PP	PP	17 28 34.5 +0.5	
HHC	PcP	PcP	17 32 09.5 -0.8	
HHC	S	S	17 32 54.6 +0.6	
HHC	sS	sS	17 34 58.3 -6.0	
HHC	ScS	ScS	17 36 19.6 -2.7	
HHC	pmax	pmax		
HHC	comp=Z,68nm,1.2s,mb5.3	pmax	pmax	
HHC	comp=Z,410nm,5.0s	LR	LR	
HHC	comp=N,500nm,14.1s	LR	LR	
HHC	LR	LR		
HHC	comp=E,670nm,12.5s	LR	LR	
HHC	LR	LR		
BTO	Baotou	38.75 340	eP	17 26 24.5 -0.9
AGT	Agartala	38.76 303	ex	17 26 22.0 -3.7
AGT	ex	x	17 26 48.0	
VLA	Vladivostok	38.77 7	iP	17 26 24.4 -1.1
VLA	i	i	17 27 54.6	
VLA	i	i	17 28 33.3	
VLA	eS	S	17 32 12.7 -2.0	
VLA	pmax	pmax		
SHL	Shillong	38.96 306	ePKP	17 26 26.0 -1.4
SHL	ix	x	17 32 06.0	
STKA	Stevens Creek	39.06 159	eP	17 26 28.3 +0.2
STKA	comp=Z,52nm,0.7s,mb5.5,baz=335,slow=7.7,SNR=88	S	S	17 32 14.0 -5.3
STKA	comp=Z,11nm,1.0s,baz=291,slow=8.9,SNR=3.9	P	P	17 26 27.8 -0.3
STKA	Stevens Creek	39.06 159	eP	17 26 27.8 -0.3
STKA	comp=Z,30nm,0.8s,mb5.2	S	S	17 26 28.8 +0.3
CN2	Changchun	39.13 359	iP	17 26 28.8 +0.3
CN2	esP	sP	17 27 08.3 +1.8	
CN2	ePP	PP	17 28 01.6 +1.2	
CN2	eS	S	17 32 19.3 -0.6	
CN2	pmax	pmax		
CN2	comp=Z,90nm,0.8s,mb5.7	pmax	pmax	
MDJ	Mudanjiang	40.05 4	P	17 26 37.4 +1.3
MDJ	pP	pP	17 27 00.3 -1.2	
MDJ	PP	PP	17 28 10.7 +0.2	
MDJ	PcP	PcP	17 29 39.6 +0.7	
MDJ	PcS	PcS	17 32 29.3 +0.1	
MDJ	S	S	17 32 34.5 +0.8	
MDJ	sS	sS	17 33 18.9 +1.3	
MDJ	pmax	pmax		
MDJ	comp=Z,210nm,1.2s,mb5.8	pmax	pmax	
MDJ	comp=Z,610nm,5.6s	LR	LR	
MDJ	comp=N,660nm,27.1s	LR	LR	
MDJ	comp=E,310nm,27.1s	LR	LR	
MDJ	LR	LR		
MDJ	comp=Z,760nm,38.4s	LR	LR	
ERM	Ermo	40.05 4	eP	17 26 37.2 +1.1
ERM	comp=Z,233nm,1.1s,mb5.9	P	P	17 26 39.7 +1.5
ERM	Ermo	40.30 20	P	17 26 39.7 +1.5
ERM	comp=Z,1µm,0.9s,mb6.8,SNR=14	P	P	17 26 39.6 +1.4
ERM	Ermo	40.30 20	eP	17 26 39.6 +1.4
ERM	pmax	pmax		
ERM	comp=Z,50nm,0.8s,mb5.4	pmax	pmax	
ERM	Ermo	40.30 20	iP	17 26 39.6 +1.4
ERM	comp=Z,270nm,1.2s,mb6.0	P	P	17 26 47.6 +0.2
KWAJ	Kwajalein Atol	41.37 82	eP	17 26 49.2 +0.9
LSA	Lhasa	41.50 311	P	17 26 49.0 +0.7
LSA	Lhasa	41.50 311	eP	17 26 49.0 +0.7
LSA	pmax	pmax		
LSA	comp=Z,39nm,0.6s,mb5.4	P	P	17 26 49.0 +0.7
LSA	Lhasa	41.50 311	eP	17 26 49.0 +0.7
ASAJ	Asahikawa	42.01 18	P	17 26 53.6 +1.4
ASAJ	comp=Z,371nm,0.8s,mb6.2,baz=231,slow=13,SNR=247	P	P	17 33 04.5 +1.7
ASAJ	comp=Z,8.2nm,1.0s,baz=68,slow=23,SNR=3.5	LR	LR	17 43 22.0
ASAJ	comp=Z,632nm,19.9s,baz=212,slow=34	P	P	17 26 53.6 +1.4
ASAJ	Asahikawa	42.01 18	P	17 33 04.6 +1.8
ASAJ	S	S	17 26 53.6 +1.4	
ASAJ	comp=Z,371nm,0.8s	pmax	pmax	
ASAJ	comp=N,8.0nm,1.0s	smax	smax	
ASAJ	comp=Z,632nm,19.9s	MLR	MLR	
ASAJ	Asahikawa	42.01 18	iP	17 26 53.5 +1.3
ASAJ	comp=Z,184nm,0.9s,mb5.8	P	P	17 26 53.2 -0.1
GTA	Gaotai	42.13 329	P	17 27 35.4 +3.9
GTA	pP	pP	17 27 35.4 +3.9	
GTA	sP	sP	17 33 00.2 -4.6	
GTA	S	S	17 33 49.0 0.0	
GTA	sS	sS	17 36 42.7 -1.5	
GTA	ScS	ScS		
GTA	pmax	pmax		
GTA	comp=Z,14nm,1.2s,mb4.6	LR	LR	
GTA	comp=Z,130nm,7.5s	LR	LR	
GTA	comp=N,1µm,18.3s	LR	LR	
GTA	comp=E,820nm,20.7s	LR	LR	
GTA	LR	LR		
GTA	comp=Z,680nm,17.1s	LR	LR	
ARMA	Armidade	42.43 147	eP	17 26 56.6 +0.8
ARMA	Armidade	42.43 147	eP	17 26 56.4 +0.6
ARMA	comp=Z,100nm,0.8s,mb5.6	P	P	17 26 59.2 -1.1
YUK	Yuzh-Kuril'sk	42.02 21	iP	17 33 15.5 -2.0
YUK	S	S		
YUK	comp=N,1µm,1.0s	pmax	pmax	
YUK	comp=E,1µm,1.0s	pmax	pmax	
YUK	comp=Z,2µm,1.0s	pmax	pmax	
YUK	comp=Z,1µm,1.0s	P	P	17 27 00.8 -0.5
TAPN	Taplelung	43.10 306	eP	17 27 01.5 -0.3
TAPN	comp=Z,35nm,0.5s,mb5.4	P	P	17 27 01.5 -0.3
ODAN	Odare	43.16 305	eP	17 27 07.2 0.0
ODAN	comp=Z,90nm,0.6s,mb5.7	P	P	17 27 07.2 0.0
RAMN	Ramite	43.84 305	eP	17 27 06.3 -1.6
RAMN	comp=Z,60nm,0.7s,mb5.5	P	P	17 27 06.3 -1.6
VIS	Vishakhapatnam	43.91 291	ePKP	17 27 06.3 -1.6

VIS	ix	x	17 33 31.4	
HABR	Khabarovsk	44.45 8	iP	17 27 12.8 +1.1
HABR	PP	pP	17 27 38.6 +1.1	
HABR	e*SP	sP	17 27 52.3 +2.1	
HABR	e	e	17 28 53.6	
HABR	ePPP	S	17 29 36.7	
HABR	eS	S	17 33 39.2 +0.9	
HABR	e*SS	sS	17 34 25.0 +2.2	
HABR	eSSS	pmax	17 36 57.2	
HABR	pmax	pmax	17 37 59.1	
HABR	comp=Z,1µm,2.1s,mb6.3	pmax	pmax	
HABR	comp=Z,680nm,1.8s,mb6.1	pmax	pmax	
HABR	comp=E,216nm,1.4s	pmax	pmax	
HABR	comp=N,247nm,1.8s	pmax	pmax	
JIRN	Jiri	44.45 306	eP	17 27 12.3 +0.1
JIRN	comp=N,23nm,0.2s,mb5.5	P	P	17 27 13.8 +0.5
YSS	Yuzh-Sakhalins	44.64 16	iP	17 27 51.2
YSS	e	e	17 28 57.0	
YSS	eS	S	17 33 39.0 -2.1	
YSS	eSS	pmax		
YSS	comp=Z,380nm,1.1s,mb6.0	MLR	MLR	
YSS	comp=Z,200nm,18.0s	eP	P	17 27 13.7 +0.4
YSS	comp=Z,443nm,1.0s,mb6.2	eP	P	17 27 11.8 -2.7
KLR	Kul'dur	44.80 5	iP	17 28 52.5
KLR	eS	S	17 33 39.5 -3.9	
KLR	comp=N,78nm,1.8s	pmax	pmax	
KLR	comp=Z,400nm,1.8s,mb5.8	pmax	pmax	
KLR	comp=N,600nm,11.0s	smax	smax	
KLR	comp=E,1µm,11.0s	smax	smax	
GUN	Gumba	44.81 306	eP	17 27 14.8 -0.1
GUN	comp=E,73nm,0.4s,mb5.8	eP	P	17 27 16.6 +1.1
HIA	Hailar	44.92 354	eP	17 27 16.6 +1.1
HIA	comp=Z,555nm,1.1s	eP	P	17 27 16.6 +1.1
HIA	comp=Z,555nm,1.1s,mb6.2	eP	P	17 27 16.6 +1.1
PKI	Pulchoki	45.05 305	eP	17 27 16.6 -0.3
CAN	Canberra	45.06 153	eP	17 27 17.9 +1.1
CAN	comp=Z,83nm,1.0s,mb5.4	eP	P	17 27 17.3 +0.3
PKIN	Phulchoki	45.07 305	eP	17 27 17.3 +0.3
PKIN	comp=Z,283nm,1.0s,mb5.2	eP	P	17 27 19.1 +1.0
CNB	Canberra Magnet	45.22 153	eP	17 27 19.1 +1.0
KKN	Kakani	45.25 305	eP	17 27 17.8 -0.6
KKN	comp=Z,31nm,0.4s,mb5.4	eP	P	17 27 18.9 +0.8
PALK	Pallekele	45.29 276	iP	17 27 18.1 -0.9
PALK	Pallekele	45.29 276	eP	17 27 18.1 -0.9
PALK	comp=Z,13nm,0.6s,mb4.8	P	P	17 27 19.2 +0.2
PALK	Pallekele	45.29 276	P	17 27 19.2 +0.2
DMN	Daman	45.32 305	eP	17 27 19.3 +0.3
DMN	comp=Z,29nm,1.4s,mb4.8	eP	P	17 27 22.3 -0.9
GKN	Gorkha	45.85 305	eP	17 27 22.3 -0.9
GKN	comp=Z,80nm,0.9s,mb5.4	eP	P	17 27 22.3 -0.9
GKN	comp=Z,24nm,0.4s,mb5.3	eP	P	17 27 22.3 -0.9
MDRS	Chennai	46.10 284	ex	17 27 42.5
ULN	Ulanbaatar	46.20 342	eP	17 27 25.6 0.0
ULN	ULN	46.20 342	eP	17 27 25.6 0.0
ULN	comp=Z,125nm,1.1s,mb5.6	eP	P	17 27 25.6 +0.1
ULN	Ulanbaatar	46.20 342	eP	17 27 25.6 +0.1
ULN	comp=Z,125nm,1.1s,mb5.5	P	P	17 27 25.4 -0.2
ULN	Ulanbaatar	46.20 342	P	17 27 25.4 -0.2
ULN	ULN	46.20 342	P	17 27 25.4 -0.2
SONM	Songio Array	46.38 342	P	17 27 26.8 -0.1
SONM	comp=Z,28nm,1.0s,mb5.0,baz=160,slow=8.5,SNR=115	pP	pP	17 27 52.4 -0.6
SONM	comp=Z,33nm,1.0s,baz=157,slow=8.3,SNR=5.9	PcP	PcP	17 29 00.5 +0.3
SONM	comp=Z,17nm,0.8s,baz=159,slow=5.9,SNR=2.7	ScP	ScP	17 32 46.1 +2.7
SONM	comp=Z,2.9nm,0.7s,baz=165,slow=4.9,SNR=3.5	LR	LR	17 46 31.9
SONM	comp=Z,556nm,20.7s,baz=154,slow=35	P	P	17 27 26.8 -0.1
SONM	Songio Array	46.38 342	P	17 27 26.8 -0.1
SONM	comp=Z,110nm,0.3s,mb6.1	eP	P	17 27 52.4 -0.5
SONM	KOLDANDA	46.61 304	eP	17 27 29.0 -0.2
SONM	comp=Z,110nm,0.3s,mb6.1	eP	P	17 27 29.0 -0.2
DANN	Dangsing	46.70 305	eP	17 27 29.5 -0.3
DANN	comp=Z,188nm,0.5s,mb6.1	eP	P	17 27 39.8 +4.8
NOUC	Port Laguerre	47.45 126	eP	17 27 39.8 +4.8
DZM	Mont Dzumac	47.45 126	eP	17 27 39.8 +4.8
DZM	comp=Z,391nm,1.1s,mb6.0	eP	P	17 28 06.5 +4.7
DZM	comp=Z,349nm,1.1s	eS	S	17 34 25.2 +3.2
DZM	comp=Z,854nm,26.1s	eLR	LR	17 41 17.3
DZM	comp=Z,752nm,27.6s	eLR	LR	17 41 17.3
DZM	Mont Dzumac	47.45 126	eP	17 27 35.4 -0.3
DZM	Mont Dzumac	47.45 126	eP	17 27 36.5 +1.1
DZM	comp=Z,178nm,1.0s,mb5.8	eP	P	17 27 42.0 -0.5
DZM	Hyderabad	48.32 289	iP	17 27 42.0 -0.5
DZM	Hyderabad	48.32 289	eP	17 28 08.0 -0.7
DZM	Hyderabad	48.32 289	eP	17 28 20.0 -1.2
DZM	Hyderabad	48.32 289	eS	17 30 34.0 -0.5
DZM	Hyderabad	48.32 289	eP	17 27 44.2 +0.9
DZM	Hyderabad	48.32 289	eP	17 28 08.8 -0.6
DZM	Hyderabad	48.32 289	eP	17 29 41.7
DZM	Hyderabad	48.32 289	eP	17 34 35.6
DZM	comp=Z,198nm,1.2s,mb5.8	pmax	pmax	
NGP	Nagpur	48.59 294	ePKP	17 27 43.5 -1.1
TRD	Trivandrum	49.02 277	ePKP	17 27 46.5 -1.5
TRD	comp=Z,196nm,0.9s,mb6.0	Amb	Amb	17 27 48.9
ZAK	Zakamensk	49.60 341	eP	17 27 51.4 -0.3
ZAK	ZAK	49.60 341	eP	17 28 17.3 -0.7
AKL	Akola	50.36 293	iP	17 27 57.1 -0.9
AKL	AKL	50.36 293	AMP	17 28 00.0
AKL	comp			





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BALT Daday, ARCES ARCESS Array B, ARED ARCESS Array S, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PVCC Pruhonice, PRU Pruhonice, PRU Pruhonice, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like A13A Flathead Natio, WCN Washoe City, B13A Whitefish, etc.

N15A	Stansbury Isla	109.99	44	PKIKP	17 37 30.3 -0.3
N15B	Red Top Meadow	110.02	41	PKIKP	17 37 32.5 +1.9
GMRC	Granite Mounta	110.06	51	PKIKP	17 37 32.4 +1.4
LOHW	Long Hollow	110.06	40	PKIKP	17 37 29.4 -1.2
BELC	Belle Mtn. Jos	110.07	51	PKIKP	17 37 32.5 +1.5
DUG	Dugway	110.08	44	PKIKP	17 37 31.6 +0.8
J17A	Brown Place, J	110.11	41	PKIKP	17 37 32.6 +1.9
M14P	Monument Peak	110.12	53	PKIKP	17 37 31.8 +0.6
POA	Drum Mountains	110.15	45	PKIKP	17 37 31.6 +0.6
E20A	Meyer Farm, Mu	110.20	37	PKIKP	17 37 31.5 +0.7
O15A	The Old Anders	110.28	44	PKIKP	17 37 31.6 +0.4
V12A	Nelson	110.34	49	PKIKP	17 37 32.5 +1.1
S13A	Holt Ranch, En	110.38	47	PKIKP	17 37 32.2 +0.7
T13A	Saint George	110.56	48	PKIKP	17 37 32.6 +0.7
L17A	Cokeville	110.58	42	PKIKP	17 37 32.4 +0.7
SWSC	Sam W. Stewart	110.59	52	PKIKP	17 37 33.6 +1.6
BC3	Big Chuckwall	110.62	51	PKIKP	17 37 33.5 +1.5
P15A	Leamington	110.72	45	PKIKP	17 37 33.3 +1.3
S14A	Cedar City	110.81	47	PKIKP	17 37 33.5 +1.2
Q15A	Fillmore	110.88	45	PKIKP	17 37 33.1 +0.8
K18A	Toltan Ranch,	110.88	41	PKIKP	17 37 33.6 +1.3
V13A	Grand Canyon W	110.95	49	PKIKP	17 37 34.2 +1.5
M17A	Scully's Gap (B	111.00	42	PKIKP	17 37 33.6 +1.1
PDAR	Pinedale Array	111.14	41	PKIKP	17 33 36.6 +2.7
PDAR	comp=Z,0.2nm,0.6s,baz=256,slow=1.2,SNR=4.9			PKIKP	17 37 33.7 +1.0
PDAR	comp=Z,0.5nm,0.6s,baz=138,slow=4.8,SNR=3.9			PKIKP	17 48 28.4 -2.4
PDAR	comp=Z,4.9nm,0.8s,baz=120,slow=6.4,SNR=20			PKIKP	17 48 39.2 -1.4
L18A	Fontenelle, Gr	111.21	42	PKIKP	17 37 34.4 +1.4
MSU	Marysval	111.22	46	PKIKP	17 37 35.5 +2.5
J19A	Crowheart	111.22	40	PKIKP	17 37 34.4 +1.5
LAO	LASA Array	111.23	36	PKIKP	17 37 33.6 +0.8
H20A	Greybull	111.30	39	PKIKP	17 37 34.5 +1.5
U14A	Mill Trumbull	111.33	48	PKIKP	17 37 33.8 +0.5
DGMT	Dagmar	111.40	33	PKIKP	17 37 34.2 +1.1
DGMT	Dagmar	111.40	33	PKIKP	17 37 34.9 +1.9
I20A	Worland	111.48	39	PKIKP	17 37 34.3 +0.9
O17A	Robinson Place	111.51	44	PKIKP	17 37 34.3 +0.8
K19A	Absolon Red Bu	111.57	40	PKIKP	17 37 34.8 +1.2
T15A	Red Dirt Ranch	111.68	47	PKIKP	17 37 35.3 +1.3
V14A	Boquillas Ranc	111.69	49	PKIKP	17 37 35.6 +1.5
J20A	Shoshoni	111.80	40	PKIKP	17 37 35.3 +1.0
W14A	Seligman	111.87	49	PKIKP	17 37 34.8 +0.4
N18A	Larsen Ranch,	111.89	42	PKIKP	17 37 35.0 +0.8
S16A	Weppner Ranch,	111.97	46	PKIKP	17 37 36.1 +1.6
K20A	Yellowstone Ra	111.97	40	PKIKP	17 37 35.3 +0.9
O18A	Roosevelt	111.98	43	PKIKP	17 37 36.3 +1.9
U15A	North Rim	111.99	48	PKIKP	17 37 36.5 +1.9
M19A	Rock Springs	111.99	42	PKIKP	17 37 36.0 +1.5
I21A	Big Trails, Te	112.07	39	PKIKP	17 37 36.1 +1.6
SRU	San Rafael,	112.14	45	PKIKP	17 37 36.6 +1.9
SRU	San Rafael	112.14	45	PKIKP	17 37 35.7 +1.0
Z13A	Yuma Proving G	112.18	52	PKIKP	17 37 36.3 +1.2
N19A	John Jarvis R	112.26	41	PKIKP	17 37 36.3 +1.4
L20A	Wamsutter	112.29	41	PKIKP	17 37 36.1 +1.2
X14A	Yava	112.30	50	PKIKP	17 37 36.6 +1.4
R17A	Hanksville Air	112.31	45	PKIKP	17 37 36.5 +1.3
V15A	Kaibab Nationa	112.32	48	PKIKP	17 37 36.9 +1.7
Q18A	Rafter H Ranch	112.42	44	PKIKP	17 37 36.5 +1.2
Y14A	Wickenburg	112.42	51	PKIKP	17 37 36.1 +0.6
S17A	Black Ridge (B	112.58	46	PKIKP	17 37 36.5 +0.8
M20A	Sweetwater, Wa	112.64	41	PKIKP	17 37 36.8 +1.2
K21A	Alcova	112.69	40	PKIKP	17 37 36.3 +0.6
T17A	Navajo Res., N	112.84	47	PKIKP	17 37 37.2 +1.1
R18A	Northlands Na	112.90	45	PKIKP	17 37 36.6 +0.4
N20A	Spence Gulch,	112.90	42	PKIKP	17 37 37.5 +1.3
Y15A	Casa Rosa Ranch	112.93	50	PKIKP	17 37 37.2 +0.8
L21A	Rawlins	112.94	41	PKIKP	17 37 37.0 +0.8
U16A	Tuba City	112.96	48	PKIKP	17 37 37.3 +0.9
P19A	Cripple Cowboy	112.97	43	PKIKP	17 37 37.1 +0.7
WUAZ	Wupatki	113.03	48	PKIKP	17 37 37.6 +1.0
WUAZ	Wupatki	113.03	48	PKIKP	17 37 37.8 +1.2
Q19A	Hogan Spring (	113.09	44	PKIKP	17 37 37.6 +1.0
U17A	Shonto	113.11	47	PKIKP	17 37 37.0 +0.3
M21A	Separation Pea	113.12	41	PKIKP	17 37 37.5 +0.9
S18A	Hurst Farm, Bl	113.13	46	PKIKP	17 37 37.8 +1.1
K22A	Casper	113.14	40	PKIKP	17 37 37.6 +1.1
RWWY	Rawlins	113.18	41	PKIKP	17 37 36.4 -0.3
O20A	White River Ci	113.24	43	PKIKP	17 37 38.1 +1.2
S21A	Organ Pipe Nat	113.30	52	PKIKP	17 37 38.2 +1.0
R19A	Curley Farm, L	113.39	45	PKIKP	17 37 38.6 +1.5
X16A	Lo Mia Camp, P	113.42	50	PKIKP	17 37 39.1 +1.8
N21A	Black Mountain	113.43	42	PKIKP	17 37 37.1 +1.5
P20A	De Beque	113.44	43	PKIKP	17 37 39.1 +1.9
T18A	Mexican Hat	113.46	46	PKIKP	17 37 39.2 +1.8
S19A	Circle Bar Ran	113.61	50	PKIKP	17 37 39.3 +1.6
Y16A	Harvey Farm, M	113.72	45	PKIKP	17 37 39.2 +1.3
O21A	Pagoda	113.73	42	PKIKP	17 37 39.0 +1.3

Q20A	Ridgley Place,	113.76	44	PKIKP	17 37 39.3 +1.5
U18A	Rough Rock, Ch	113.77	47	PKIKP	17 37 39.5 +1.5
PV01	Panorama Valley	113.94	45	PKIKP	17 37 39.9 +1.6
V18A	Ganado	114.02	48	PKIKP	17 37 39.6 +1.2
R20A	Redvale	114.05	45	PKIKP	17 37 39.8 +1.3
N22A	Wattenberg Ran	114.11	41	PKIKP	17 37 39.9 +1.4
Y17A	Roosevelt	114.17	50	PKIKP	17 37 39.8 +1.0
T19A	Bedonko	114.20	46	PKIKP	17 37 40.5 +1.7
S20A	Disappointment	114.23	45	PKIKP	17 37 40.0 +1.2
U19A	Dine' College,	114.31	47	PKIKP	17 37 40.3 +1.3
Q21A	Lamborn Mesa,	114.31	44	PKIKP	17 37 40.4 +1.5
MVCO	Mesa Verde	114.41	46	PKIKP	17 37 41.1 +1.9
MVCO	Mesa Verde	114.41	46	PKIKP	17 37 41.3 +2.1
W18A	Petrified Fore	114.42	48	PKIKP	17 37 41.0 +1.8
P22A	Eagle	114.50	43	PKIKP	17 37 41.5 +2.2
X18A	Snowflake	114.50	49	PKIKP	17 37 41.4 +2.0
V19A	Window Rock	114.67	47	PKIKP	17 37 42.1 +2.4
117A	Orange	114.69	51	PKIKP	17 37 41.6 +1.7
S21A	Coal Bank Pass	114.71	45	PKIKP	17 37 42.0 +2.3
Y18A	Canyon Day Jun	114.75	50	PKIKP	17 37 41.8 +1.9
Q22A	Crested Butte,	114.75	43	PKIKP	17 37 41.6 +1.8
O23A	Lake Granby, G	114.76	42	PKIKP	17 37 41.2 +1.4
U20A	Newcomb	114.77	46	PKIKP	17 37 41.3 +1.4
M24A	Cheyenne	114.84	40	PKIKP	17 37 41.2 +1.4
217A	Green Valley	114.94	52	PKIKP	17 37 41.9 +1.6
X19A	St. Johns	115.04	49	PKIKP	17 37 42.0 +1.5
V20A	Brimhall	115.06	47	PKIKP	17 37 42.0 +1.5
ISCO	Idaho Springs	115.17	42	PKIKP	17 37 42.0 +1.4
ISCO	Idaho Springs	115.17	42	PKIKP	17 37 42.1 +1.6
T21A	Navajo Lake	115.20	45	PKIKP	17 37 42.5 +1.8
P23A	Jefferson	115.23	42	PKIKP	17 37 42.4 +1.7
118A	Homack Ranch,	115.26	51	PKIKP	17 37 42.4 +1.4
Y19A	Nutrioso	115.27	49	PKIKP	17 37 43.0 +2.1
W20A	Malaga, Lovin	115.33	48	PKIKP	17 37 42.6 +1.6
S22A	4UR Ranch, Cre	115.34	44	PKIKP	17 37 42.5 +1.5
U21A	Nageezi	115.36	46	PKIKP	17 37 42.9 +1.9
O24A	Longmont	115.37	41	PKIKP	17 37 42.0 +1.1
218A	Dragon	115.47	51	PKIKP	17 37 42.4 +1.1
Q23A	Hartsel	115.47	43	PKIKP	17 37 43.2 +2.1
X20A	Quemado	115.59	48	PKIKP	17 37 43.5 +2.0
T22A	Edith	115.63	45	PKIKP	17 37 43.6 +2.1
N25A	Grover	115.65	40	PKIKP	17 37 42.7 +1.2
V21A	Mill	115.66	47	PKIKP	17 37 43.2 +1.6
318A	Bisbee	115.72	52	PKIKP	17 37 43.4 +1.5
119A	Ashpeck Ranch,	115.72	50	PKIKP	17 37 43.6 +1.8
P24A	Kohler Place,	115.79	42	PKIKP	17 37 42.8 +1.1
Q24A	Divide	115.90	43	PKIKP	17 37 43.7 +1.7
Y20A	Horse Springs,	115.95	49	PKIKP	17 37 44.3 +2.1
W21A	San Fidel	115.96	47	PKIKP	17 37 44.3 +2.1
U22A	Slaves	115.96	46	PKIKP	17 37 44.2 +2.0
219A	White Tail Can	116.07	51	PKIKP	17 37 42.8 +0.3
Z20A	Nine Sixteen R	116.12	50	PKIKP	17 37 43.7 +1.1
V22A	San Miguel Ran	116.14	46	PKIKP	17 37 43.4 +0.9
X21A	Alamocita Cree	116.16	48	PKIKP	17 37 43.6 +1.0
T23A	Casias Ranch,	116.23	45	PKIKP	17 37 44.1 +1.4
SDCO	Great Sand Dun	116.24	44	PKIKP	17 37 44.3 +1.6
P25A	Willow Gulch B	116.28	42	PKIKP	17 37 43.9 +1.2
R24A	Sanders Place,	116.30	43	PKIKP	17 37 43.9 +1.2
319A	Douglas	116.30	52	PKIKP	17 37 44.4 +1.4
120A	U Bar Ranch, L	116.33	50	PKIKP	17 37 44.3 +1.3
Y21A	Point of Rocks	116.43	48	PKIKP	17 37 44.7 +1.6
U23A	El Rito	116.46	46	PKIKP	17 37 44.1 +1.0
ESDC	Sonaca Array	116.50	319	PKIKP	17 48 42.1 +4.0
S24A	Houchin Ranch	116.52	44	PKIKP	17 37 44.7 +1.5
Q25A	Bedland, Calha	116.53	42	PKIKP	17 37 44.4 +1.2
L20A	Ladron	116.66	48	PKIKP	17 37 45.7 +2.1
Z20A	Playas Peak, P	116.68	51	PKIKP	17 37 45.0 +1.3
X22A	Bernardo	116.70	48	PKIKP	17 37 45.1 +1.5
Z21A	St. Cloud Mine	116.74	49	PKIKP	17 37 44.8 +1.1
V23A	Ortiz Mill (NFS	116.74	46	PKIKP	17 37 44.9 +1.2
R25A	Fontain Ranch	116.90	43	PKIKP	17 37 45.1 +1.2
T24A	Torres, Weston	116.91	44	PKIKP	17 37 45.7 +1.8
ANMO	Albuquerque	116.91	47	PKIKP	17 37 45.3 +1.3
320A	Kipp Ranch, An	116.91	52	PKIKP	17 37 45.8 +1.6
121A	Cookes Peak, D	116.98	50	PKIKP	17 37 46.0 +1.8
Y22A	Socorro	116.99	48	PKIKP	17 37 46.0 +1.7
W23A	Werner Place,	117.03	47	PKIKP	17 37 45.7 +1.5
S25A	Roberts Cordova	117.04	44	PKIKP	17 37 45.7 +1.5
LPM	Los Pinos Moun	117.07	48	PKIKP	17 37 46.1 +1.7
B21A	Barren Site	117.15	48	PKIKP	17 37 46.5 +1.9
NNM	Mesquite Ranch	117.21	51	PKIKP	17 37 46.9 +2.1
X23A	Hourglass Bar	117.27	47	PKIKP	17 37 46.5 +1.7
Z22A	Elephant Butte	117.29	49	PKIKP	17 37 46.5 +1.7
T25A	Trinidad	117.32	44	PKIKP	17 37 46.3 +1.6
V24A	Rampart Ranch	117.40	46	PKIKP	17 37 47.1 +2.1
122A	Coiff Cattle	117.51	50	PKIKP	17 37 47.2 +2.0
W24A	Lazy 6 Ranch,	117.55	46	PKIKP	17 37 46.8 +1.5
Y23A	Lovelace Mesa,	117.67	48	PKIKP	17 37 46.8 +1.3

U25A	Circle Dot Ran	117.69	45	PKIKP	17 37 47.0 +1.5
Z22A	Williams Famil	117.69	50	PKIKP	17 37 47.3 +1.6
V25A	Rancho No Teng	117.81	45	PKIKP	17 37 47.2 +1.4
Z23A	Rita Site, Whi	117.84	49	PKIKP	17 37 46.9 +1.0
PVRL	Vila Real	118.00	322	PKIKP	17 37 46.9 +0.9
Y24A	Capitan	118.13	48	PKIKP	17 37 47.8 +1.4
W25A	X Bar L Ranch,	118.23	46	PKIKP	17 37 47.7 +1.1
MTE	Manteigas	118.40	321	PKIKP	17 37 47.4 +0.7





LPAZ	3.7nm,0.8s,baz=117,slow=7.0,SNR=4.6	P	20 03 50.0	-0.1	SWSC	Sam W. Stewart	117.43 289	UP	PKPdf	20 13 23.8	0.0	J14A	Carey	124.44 298	UP	PKPdf	20 13 37.6	+0.7
LPAZ	8.0nm,0.7s,mb4.8,baz=156,slow=6.0,SNR=41	P	20 24 57.1		U16A	Tuba City	117.68 294	UP	PKPdf	20 13 23.9	-0.3	I15A	Montevieu	124.47 299	UP	PKPdf	20 13 38.2	+1.2
LPAZ	comp=2.39nm,21.1s,MS3.4,baz=132,slow=35	LR	20 24 58.9	-0.2	P10A	Disappointment	117.70 297	UP	PKPdf	20 13 25.0	+0.8	F18A	Big Timber	124.66 302	UP	PKPdf	20 13 37.9	+0.7
LIC	7.9nm,0.7s,mb4.8	P	20 05 26.1	+0.2	P23A	Jefferson	117.77 300	UP	PKPdf	20 13 24.8	+0.5	J13A	Cove Ranch, Pi	124.81 297	UP	PKPdf	20 13 38.5	+0.9
KIC	38nm,0.8s,mb5.8	P	20 05 27.3	+0.2	BC3	Big Chuckawall	117.83 289	UP	PKPdf	20 13 24.5	-0.1	D20A	Manuel Ranch,	124.87 304	UP	PKPdf	20 13 38.0	+0.3
TIC	Toumoudi	P	20 05 28.8	+0.3	Q22A	Crested Butte,	117.85 299	UP	PKPdf	20 13 24.8	+0.3	I14A	Mackay	124.87 298	UP	PKPdf	20 13 38.4	+0.6
DBIC	45nm,0.7s,mb5.6	P	20 05 29.2	+0.3	T18A	Mexico Hat	117.87 296	UP	PKPdf	20 13 24.4	-0.1	H15A	Lim	125.02 299	UP	PKPdf	20 13 38.9	+0.9
DBIC	25nm,0.9s,mb5.3,baz=171,slow=8.0,SNR=33	LR	20 27 16.9		W14A	Seligman	117.89 292	UP	PKPdf	20 13 24.7	+0.1	HLID	Hailey	125.05 297	UP	PKPdf	20 13 38.4	+0.5
DBIC	comp=2.77nm,19.8s,MS3.9,baz=132,slow=30	P	20 05 29.2	+0.3	V15A	Kalbar National	117.93 293	UP	PKPdf	20 13 25.4	+0.7	G16A	Mass Hill, Enn	125.10 300	UP	PKPdf	20 13 38.6	+0.5
DBIC	66.59 22	P	20 27 16.9		R20A	Redvale	118.00 298	UP	PKPdf	20 13 25.1	+0.3	I13A	Wildhorse Cree	125.17 298	UP	PKPdf	20 13 39.1	+0.8
TORD	Torodi Ar. Bea	P	20 06 16.6	+0.5	S19A	Harvey Farm, M	118.00 297	UP	PKPdf	20 13 25.0	+0.2	D19A	Cripps Ranch,	125.25 304	UP	PKPdf	20 13 38.8	+0.5
TORD	14nm,0.4s,mb5.2,baz=199,slow=6.4,SNR=202	LR	20 31 04.0		IRM	Iron Mountain	118.08 290	UP	PKPdf	20 13 25.3	+0.3	E18A	Harlowton	125.26 303	UP	PKPdf	20 13 38.9	+0.6
GRGD	comp=2.93nm,19.7s,MS4.1,baz=110,slow=30	LR	20 06 25.1	-0.2	T17A	Navajo Res., N	118.20 295	UP	PKPdf	20 13 25.8	+0.7	C20A	Veseth Ranch,	125.29 305	UP	PKPdf	20 13 37.9	-0.5
TROR	Greenville	P	20 06 24.7	-1.4	V14A	Boquillas Ranc	118.24 292	UP	PKPdf	20 13 25.8	+0.6	BOZ	Bozeman (W)	125.33 301	UP	PKPdf	20 13 39.0	+0.4
SDV	Santo Domingo	P	20 06 38.1	0.0	P22A	Eagle	118.37 300	UP	PKPdf	20 13 24.3	-1.1	BOZ	Bozeman (W)	125.33 301	ePKPdf	20 13 38.7	+0.1	
FDF	Fort de France	P	20 06 45.2	+0.5	S18A	Hut Farm, BI	118.37 296	UP	PKPdf	20 13 25.0	-0.5	H14A	Leadore	125.35 299	UP	PKPdf	20 13 38.8	+0.2
TBG	Guadaloupe-1	P	20 06 46.5	+0.9	P28A	Monte Pirata	118.38 289	UP	PKPdf	20 13 26.2	+0.5	G15A	Dillon	125.36 300	UP	PKPdf	20 13 39.0	+0.3
PHG	Guadaloupe-2	P	20 07 01.1	-1.4	BELC	Belle Mtn. Jos	118.38 289	UP	PKPdf	20 13 25.4	-0.3	F16A	Kennard Place,	125.44 301	UP	PKPdf	20 13 39.6	+0.9
MTP	Monte Pirata	P	20 07 01.9	-0.9	R19A	Curley Farm, L	118.50 297	UP	PKPdf	20 13 27.1	+1.3	DLMT	Dillon	125.56 300	ePKPdf	20 13 39.4	+0.3	
STVI	Saint Thomas	P	20 07 13.5	+1.9	T16A	Glen Canyon Da	118.53 295	UP	PKPdf	20 13 26.2	+0.2	I12A	Atlanta	125.56 297	UP	PKPdf	20 13 39.2	+0.2
TAM	Tamranasset	P	20 08 08.8	-0.9	G22A	Kremmling	118.72 300	UP	PKPdf	20 13 26.6	+0.2	MF1D	Camas Ranch	125.61 296	UP	PKPdf	20 13 39.3	+0.2
STKA	Stephens Creek	P	20 13 06.6	+0.2	QMR	Granite Mounta	118.83 290	UP	PKPdf	20 13 26.6	+0.2	D18A	Linhart Farms,	125.69 303	UP	PKPdf	20 13 39.4	+0.2
PPT	Papeete	LR	20 13 06.5	-0.3	V13A	Grand Canyon W	118.84 292	UP	PKPdf	20 13 26.5	0.0	FINES	FINESS Array B	125.69 28	PKP	20 13 37.9	-0.8	
ASAR	Alice Springs	P	20 13 07.0	0.0	P20A	De Beque	119.05 299	UP	PKPdf	20 13 26.6	-0.2	H13A	Challinor	125.73 298	UP	PKPdf	20 13 39.4	+0.1
627A	Black Gap, Mar	PKIKP	20 13 07.4	-0.3	S16A	Weppner Ranch,	119.16 295	UP	PKPdf	20 13 26.5	-0.7	C19A	Slack Wire Ran	125.76 304	UP	PKPdf	20 13 39.4	+0.1
627A	Terlingua Ranc	PKIKP	20 13 08.0	-0.2	V12A	Nelson	119.17 291	UP	PKPdf	20 13 26.5	-0.5	LRM	Limekiln Ridge	125.84 301	ePKPdf	20 13 39.9	+0.4	
TXAR	Lajitas Array	PKIKP	20 13 09.0	0.0	A13A	Pakoon Wash	119.28 292	UP	PKPdf	20 13 27.4	+0.1	G14A	Jackson	125.87 299	UP	PKPdf	20 13 39.8	+0.2
626A	Big Bend Ranch	PKIKP	20 13 09.0	-0.3	P19A	Cripple Cowboy	119.43 298	UP	PKPdf	20 13 27.7	+0.3	F15A	Butte	125.88 301	UP	PKPdf	20 13 40.3	+0.8
427A	Kincaid Ranch,	PKIKP	20 13 10.2	0.0	O20A	White River Ci	119.49 299	UP	PKPdf	20 13 27.2	-0.3	H12A	Diamond D Ranc	126.00 298	UP	PKPdf	20 13 39.9	0.0
428A	Hayter Ranch,	PKIKP	20 13 10.2	-0.2	R16A	Teasdale	119.55 296	UP	PKPdf	20 13 27.9	+0.2	D17A	Six Diamond Ra	126.05 303	UP	PKPdf	20 13 40.2	+0.3
426A	McDonald Obser	PKIKP	20 13 12.4	+0.5	A12A	Valley of Fire	119.58 292	UP	PKPdf	20 13 27.7	0.0	G13A	Cobalt	126.12 299	UP	PKPdf	20 13 40.3	+0.2
326A	Caldwell Ranch	PKIKP	20 13 13.8	-1.3	N21A	Black Mountain	119.65 300	UP	PKPdf	20 13 27.6	-0.2	WVOR	Wild Horse Val	126.22 294	ePKPdf	20 13 40.5	+0.2	
425A	Indio Mountain	PKIKP	20 13 15.1	-0.2	T13A	Saint George	119.73 293	UP	PKPdf	20 13 28.0	+0.2	F14A	Wisdom	126.26 300	UP	PKPdf	20 13 40.7	+0.4
Y27A	Causey	PKIKP	20 13 15.1	-0.2	SRU	San Rafael	119.75 297	UP	PKPdf	20 13 28.2	+0.1	EGMT	Eagleton	126.29 304	UP	PKPdf	20 13 41.1	+0.8
124A	Stringfield Ra	PKIKP	20 13 15.6	0.0	GSC	Goldstone	119.81 290	UP	PKPdf	20 13 28.5	+0.2	KAF	Kangasniemi	126.32 27	ep	20 13 38.5	-1.4	
X26A	CR and CF Fran	PKIKP	20 13 15.7	+0.1	P18A	Preston Nutter	120.02 297	UP	PKPdf	20 13 28.5	+0.2	D16A	Dana Ranch, Ca	126.34 302	UP	PKPdf	20 13 40.5	0.0
220A	Playas Peak, P	PKIKP	20 13 16.0	+0.1	O19A	Miners Draw (B	120.03 299	UP	PKPdf	20 13 29.1	+0.5	LBCM	Butte Creek Ri	126.36 290	P	20 13 41.6	+0.9	
121A	Cookes Peak, D	PKIKP	20 13 16.0	+0.1	MSU	Marysvalde	120.07 295	ePKPdf	20 13 28.7	+0.1	E15A	Deer Lodge	126.38 301	UP	PKPdf	20 13 40.9	+0.4	
Y24A	Capitan	PKIKP	20 13 16.2	0.0	EDW2	Edwards Air Fo	120.08 288	UP	PKPdf	20 13 29.0	+0.1	C17A	Wharram Farm,	126.44 303	UP	PKPdf	20 13 39.9	-0.7
318A	Bisbee	PKIKP	20 13 16.2	0.0	S13A	Holt Ranch, En	120.15 293	UP	PKPdf	20 13 29.0	+0.1	A19A	Kindworth Far	126.53 305	UP	PKPdf	20 13 41.0	+0.2
222A	Elephant Butte	PKIKP	20 13 17.0	+0.4	LRMC	Laurel Mountai	120.40 289	UP	PKPdf	20 13 29.0	+0.1	B18A	Beardsley Farm	126.58 304	UP	PKPdf	20 13 41.1	+0.2
219A	White Tail Can	PKIKP	20 13 18.2	-0.2	O18A	Roosevelt	120.42 298	UP	PKPdf	20 13 29.6	+0.2	MOD	Modoc	126.64 292	ePKPdf	20 13 41.0	-0.2	
120A	U Bar Ranch, L	PKIKP	20 13 18.2	-0.2	U10A	Ash Meadows, A	120.46 291	UP	PKPdf	20 13 29.6	+0.2	G12A	Big Creek, Yel	126.66 298	UP	PKPdf	20 13 41.7	+0.6
Z21A	St. Cloud Mine	PKIKP	20 13 18.2	-0.2	G15A	Fillmore	120.55 295	UP	PKPdf	20 13 29.7	+0.1	D15A	Lincoln	126.79 301	UP	PKPdf	20 13 41.7	+0.4
W25A	X Bar Ranch,	PKIKP	20 13 17.2	-0.1	R12A	Delamar Landin	120.66 293	UP	PKPdf	20 13 29.7	+0.2	J08A	Circle Bar Ran	126.83 294	UP	PKPdf	20 13 42.2	+0.7
V26A	Tequesquite Ra	PKIKP	20 13 17.2	-0.1	S13A	Delamar Landin	120.66 293	UP	PKPdf	20 13 31.0	+1.1	B17A	L&C Farms, Che	126.95 304	UP	PKPdf	20 13 42.0	+0.5
Z20A	Nine Sixteen R	PKIKP	20 13 17.8	+0.6	R12A	O'Grain Ranch,	120.67 294	UP	PKPdf	20 13 31.0	+0.5	A18A	Metzger Ranch,	127.00 305	UP	PKPdf	20 13 41.5	-0.1
X30A	Hourglass Bar	PKIKP	20 13 17.8	+0.6	O17A	Robinson Place	120.70 297	UP	PKPdf	20 13 30.9	-0.2	C16A	Fuhringer Ranc	127.01 303	UP	PKPdf	20 13 41.9	+0.2
119A	Ashpeak Ranch,	PKIKP	20 13 18.2	+0.2	MPMC	Mineral Prospec	120.75 290	UP	PKPdf	20 13 30.7	-0.2	CHMT	Chamberlain M	127.03 301	ePKPdf	20 13 41.6	-0.1	
W24A	Lazy G Ranch,	PKIKP	20 13 18.2	-0.2	ISA	Isabella	120.94 289	UP	PKPdf	20 13 30.1	0.0	CHMT	Chamberlain M	127.09 299	UP	PKPdf	20 13 42.4	+0.5
Y20A	Horse Springs,	PKIKP	20 13 18.2	-0.2	P15A	Leamington	120.95 296	UP	PKPdf	20 13 30.8	+0.3	E13A	Victor	127.11 300	UP	PKPdf	20 13 42.4	+0.5
V24A	Rampart Ranch,	PKIKP	20 13 18.2	-0.2	Q14A	Sevier Lake (B	120.97 295	UP	PKPdf	20 13 30.6	+0.3	D14A	Greenough	127.27 301	UP	PKPdf	20 13 42.0	-0.2
117A	Oracle	PKIKP	20 13 18.2	-0.2	M19A	Rock Springs	120.99 299	UP	PKPdf	20 13 30.1	-0.3	MSO	Missoula	127.28 300	UP	PKPdf	20 13 42.2	0.0
U25A	Circle Dot Ran	PKIKP	20 13 18.2	-0.3	L20A	Wamsutter	121.01 300	UP	PKPdf	20 13 30.4	+0.1	MSO	Missoula	127.28 300	ePKPdf	20 13 42.1	-0.2	
X21A	Alamocita Cree	PKIKP	20 13 19.4	+0.1	R12A	Pony Springs,	121.10 293	UP	PKPdf	20 13 30.3	0.0	MSO	Salmond Ranch,	127.38 302	UP	PKPdf	20 13 56.7	
X20A	Quemado	PKIKP	20 13 19.4	+0.1	R13A	Wheeler Ranch,	121.13 294	UP	PKPdf	20 13 30.0	+0.2	C15A	Salmond Ranch,	127.38 302	UP	PKPdf	20 13 42.2	-0.2
214A	Organ Pipe Nat	PKIKP	20 13 19.3	-0.3	A17A	Triple J Farms	121.40 304	UP	PKPdf	20 13 30.9	+0.2	SLMT	Seelye Lake	127.38 301	ePKPdf	20 13 41.9	-0.5	
Y18A	Canyon Day Jun	PKIKP	20 13 19.3	-0.3	P14A	Drum Mountains	121.34 295	UP	PKPdf	20 13 31.2	+0.1	A17A	Triple J Farms	127.40 304	UP	PKPdf	20 13 43.0	+0.6
U23A	El Rito	PKPdf	20 13 19.3	-0.7	R11A	Tro Canyon, C	121.60 293	UP	PKPdf	20 13 31.6	+0.5	B16A	M & M Farms, S	127.45 303	UP	PKPdf	20 13 42.6	

Table with columns: ID, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like OD2, C09A, G04A, etc.

1DC 01 20:38:45.0, 9.9, 37S: 158.05E, h0km, mb3.8/7, mb1.4/1.8, mb1mx3/9.16, mbmt3/3.9/8, ML4.1/1, MS3.7/2, MS1.3/7.2, ms1mx3/0.19, Error ellipse: s-maj=28.8km s-min=20.2km az=147.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HNR, HNR, HNR, etc.

SZGRF 01 20:52:49.9, 30.04N, 140.23E, h33km, mb5.4, Southeast of Honshu, Japan
NIED 01 20:53:00, 29.70N, 139.90E, h360km, Mw5.1 Best double couple: M4.73000x1016 NP1.30323.00000, delta 59.00000, lambda=42.00000, NP2: phi 79.00000, delta 55.00000, lambda=140.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HHJ, HHJ, HHJ, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CBJU, CBJU, CBJU, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SSE, SSE, SSE, etc.





MENT	Mentasta	58.01 32	eP	P	21 02 42.8 -0.3
KBL	Kabul	58.55 294	eP	P	21 02 47.3 0.0
KBL				pmax	
KBL	comp=Z,52nm,0.8s,mb5.0	55.55 294	eP	P	21 02 47.3 0.0
EGAK	Eagle	59.01 29	eP	P	21 02 49.3 -0.6
PALK	Pallekele	59.24 260	eP	P	21 02 52.4 +0.2
PALK	Pallekele	59.24 260	iP	P	21 02 51.1 -1.1
PALK	Pallekele	59.24 260	eP	P	21 02 52.2 -0.1
PALK	Pallekele	59.24 260	eP	P	21 02 52.5 +0.3
SVE	Sverdlövsk	59.50 321	eP	P	21 02 53.8 +0.5
SVE				pmax	
MEEK	Meskinarra	59.55 202	eP	P	21 02 52.6 -1.4
DAWY	Dawson	59.85 30	eP	P	21 02 55.6 +0.1
POO	Poona	60.07 275	ePKP	P	21 02 58.0 +0.3
KAD	Karad	60.28 274	ePKP	P	21 02 58.9 -0.3
ARU	Arti	60.70 321	iP	P	21 03 01.6 +0.2
ARU				e	21 03 40.4
ARU				e	21 05 17.6
ARU				S	21 10 51.2 +3.4
ARU				SS	21 14 54.8 +1.4
ARU				pmax	
ARU	comp=Z,200nm,0.7s,mb5.7	60.00 321	eP	P	21 03 01.4 0.0
ARU	Arti	60.70 321	P	P	21 03 01.7 +0.3
ARU	comp=Z,2um,0.6s,SNR=75				
ARMA	Armidate	61.07 168	eP	P	21 03 03.5 -0.6
FORT	Forrest	61.23 191	eP	P	21 03 04.0 -1.1
FORT	Forrest	61.23 191	eP	P	21 03 04.0 -1.2
AB31	Akbulak array	61.36 313	eP	P	21 03 05.9 0.0
AB31				pmax	
ABKAR	Akbulak array	61.36 313	eP	P	21 03 06.0 +0.1
STKA	Stephens Creek	61.42 178	P	P	21 03 04.9 -1.5
STKA	Stephens Creek	61.42 178	eP	P	21 03 05.0 -1.4
INK	Inuvik	61.61 25	eP	P	21 03 06.7 -0.5
INK				pmax	
INK	comp=Z,19nm,0.7s	61.61 25	eP	P	21 03 06.7 -0.5
TRD	Trivandrum	61.83 264	ePKP	P	21 03 09.9 +0.2
AKTO	Aktjubinsk	62.30 314	P	P	21 03 11.9 -0.2
AKTO				pmax	
MORW	Morawa	62.64 203	eP	P	21 03 13.2 -1.3
KLBR	Kellerberrin	64.43 200	eP	P	21 03 24.8 -1.2
IMYA	Miami	64.93 299	eP	P	21 03 29.8 +0.4
IMOG	Moghan	65.59 299	eP	P	21 03 34.5 +0.9
IMEG	Emangholi	65.67 300	eP	P	21 03 35.5 +1.5
IPAY	Payeh	65.73 299	eP	P	21 03 35.2 +0.7
IAKJ	Aknetmad	65.85 300	P	P	21 03 36.5 +1.2
ABKT	Ailbek	65.89 301	P	P	21 03 36.8 +1.4
IKRD	Kirdeh	65.99 300	eP	P	21 03 32.2 -3.9
ISFR	Sarayin	66.28 300	eP	P	21 03 39.2 +1.3
ISHV	Shirvan	66.33 300	eP	P	21 03 39.1 +1.6
ALE	Alert	67.37 3	P	P	21 03 44.3 +0.3
KBS	Kingsbay	67.43 350	eP	P	21 03 45.7 +1.3
KBS				pmax	
KBS	comp=Z,23nm,1.0s,mb4.9	67.43 350	eP	P	21 03 45.5 +1.2
KBS	Kingsbay	67.43 350	eP	P	21 03 45.5 +1.2
APA	Apatity	68.54 337	iP	P	21 04 11.6 +0.3
APA				pmax	
KLMR	Klimovskoe	68.93 329	iP	P	21 03 54.0 +0.2
KLMR				pmax	
KEV	Kevo	69.55 340	eP	P	21 03 57.9 +0.5
KEV				pmax	
KEV	comp=Z,90nm,1.0s,mb5.5	69.55 340	eP	P	21 03 57.9 +0.5
KEV	Kevo	69.55 340	eP	P	21 03 56.5 -0.9
IGLO	Ghaloghah	69.60 301	eP	P	21 04 00.1 +1.7
IKIA	Klasar	69.82 301	eP	P	21 04 01.6 +1.9
ARCES	ARCCESS Array B	70.11 340	P	P	21 04 01.6 +0.7
AREO	ARCCESS Array S	70.11 340	eP	P	21 04 01.4 +0.6
IBAF	Bafgh	70.18 296	eP	P	21 04 02.5 +0.6
ISHM	Shahmirzad	70.52 301	eP	P	21 04 03.9 +1.5
JALA	Alasht	70.62 300	eP	P	21 04 05.1 +1.2
ILAS	Lasjerd	70.68 300	eP	P	21 04 06.0 +1.1
IFIR	Firoozkooch	70.73 301	eP	P	21 04 06.7 +1.5
IPRN	Peran	70.81 301	eP	P	21 04 07.2 +1.6
ICHK	Chechek	70.82 297	eP	P	21 04 06.0 +0.2
YKA	Yellowknife Ar	70.94 28	P	P	21 04 05.2 -0.7
WBK	Wadi Bani Khal	71.08 286	P	P	21 04 08.4 +0.9
IDMV	Damavand	71.30 301	eP	P	21 04 09.3 +0.7
JOF	Joensuu	71.49 333	eP	P	21 04 08.4 -0.8
JOF				pmax	
JOF	comp=Z,89nm,0.7s,mb5.6	71.49 333	eP	P	21 04 08.4 -0.8
JOF	Joensuu	71.49 333	eP	P	21 04 08.4 -0.8
SMDO	Samard	71.66 286	P	P	21 04 11.7 +0.8
VRHR	Novokhopersk	71.87 319	iP	P	21 04 10.8 -0.8
VRHR				pmax	
VRHR	comp=Z,200nm,0.6s,mb6.0			pmax	
VRHR	comp=N,9.0nm,0.3s			pmax	
JMDO	Jabal Madar	71.91 286	P	P	21 04 12.6 +0.3
HOQ	Hoqain	72.05 287	P	P	21 04 13.6 +0.4
IZEF	Zefreh	72.16 298	eP	P	21 04 14.9 +1.2
BSY	Biyya	72.50 287	P	P	21 04 16.4 +0.6
IKLH	Kolahrhood	72.56 299	eP	P	21 04 16.8 +0.8
ASHO	Ashiyah	72.62 289	P	P	21 04 17.1 +0.6
ARQ	Araqi	72.81 287	P	P	21 04 18.5 +0.8
OBN	Obninsk	72.83 324	eP	P	21 04 17.1 0.0
OBN				e	21 07 03.6
OBN				S	21 13 05.9 -6.0
OBN				pmax	
OBN	comp=Z,119nm,0.8s,mb5.7	72.83 324	eP	P	21 04 16.9 -0.2
OBN	Obninsk	72.83 324	eP	P	21 04 16.9 -0.2
OBN	comp=Z,104nm,0.8s,mb5.6	72.83 324	P	P	21 04 17.3 +0.2
IPAR	Pars	72.87 295	eP	P	21 04 18.4 +0.5
IRAZ	Razeghan	72.94 301	eP	P	21 04 18.7 +0.5
NLWA	Neiton Lookou	72.97 45	eP	P	21 04 18.6 +0.5
ISRV	Sarvestan	73.21 320	iP	P	21 04 19.6 +0.9
VSR	Storozhevo	73.21 320	iP	P	21 04 19.3 -0.1
VSR				pmax	
VSR	comp=Z,240nm,1.1s,mb5.8			pmax	
VSR	comp=N,30nm,0.6s			pmax	
VSR	comp=E,60nm,0.6s			pmax	
VORD	Divnogorie	73.25 319	iP	P	21 04 19.6 -0.1
VORD				pmax	
VORD	comp=Z,60nm,0.6s,mb5.5			pmax	
VORD	comp=N,8.0nm,0.3s			pmax	
VORD	comp=E,30nm,1.0s			pmax	
A05A	Maple Falls	73.34 43	iP	P	21 04 20.2 0.0
IPIR	Pirpir	73.35 298	eP	P	21 04 22.0 +1.4
PUL	Pulkovo	73.50 330	eP	P	21 04 21.4 +0.5
PUL				pmax	

E03A	Lebam	73.52 46	iP	P	21 04 21.7 +0.4
ISRB	Sarab	73.57 304	eP	P	21 04 22.3 +0.5
DCRB	Dirid-gareji	73.63 309	P	P	21 04 21.8 -0.2
JCW	Jim Creek	73.79 44	P	P	21 04 23.3 +0.5
F03A	Seaside	73.79 46	iP	P	21 04 23.0 +0.1
IHRH	Heris	73.81 305	eP	P	21 04 23.2 +0.1
KAF	Kangasniemi	73.89 333	eP	P	21 04 21.8 -1.4
KAF				pmax	
KAF	comp=Z,64nm,0.7s,mb5.5	73.89 333	eP	P	21 04 21.8 -1.4
MTA	Mtamininda	73.92 309	P	P	21 04 24.0 +0.3
TBLG	Delisi	73.94 309	P	P	21 04 24.3 +0.5
TBLG	Delisi	73.94 309	P	P	21 04 24.3 +0.4
ZEI	Tseyi	74.05 310	eP	P	21 04 23.6 -0.8
ZEI				pmax	
D05A	Enumlad	74.20 44	iP	P	21 04 25.8 +0.6
GOR	Gori	74.25 310	P	P	21 04 26.6 +1.0
KIV	Kislovodsk	74.32 312	eP	P	21 04 26.6 +0.6
KIV				eS	21 07 18.5
KIV				S	21 13 28.5 -0.4
KIV				pmax	
KIV	comp=Z,117nm,0.8s,mb5.7	74.32 312	eP	P	21 04 25.7 -0.2
KIV	Kislovodsk	74.32 312	P	P	21 04 26.1 +0.1
KIV	comp=Z,790nm,0.7s,mb5.5,SNR=39	74.32 312	P	P	21 04 26.9 +1.0
KIV	Kislovodsk	74.32 312	P	P	21 04 26.9 +1.0
FINES	FINESS Array B	74.36 333	P	P	21 04 25.9 0.0
TDL	Tradadolari La	74.44 45	P	P	21 04 27.4 +0.8
ITBZ	Tabriz	74.48 305	eP	P	21 04 27.3 +0.3
F04A	Amboy	74.51 46	iP	P	21 04 27.4 +0.4
LOH	Longmyre	74.51 45	P	P	21 04 26.4 -0.6
IMRD	Marand	74.58 306	eP	P	21 04 28.0 +0.4
GNI	Garni	74.62 308	eP	P	21 04 29.1 +1.3
GNI				pmax	
GNI	comp=Z,53nm,0.9s	74.62 308	eP	P	21 04 28.8 +1.1
GNI	Garni	74.62 308	P	P	21 04 29.6 +1.9
GNI				SNR=3	
KEBM	Edson Butte	74.65 49	P	P	21 04 28.8 +1.0
NLW	Nelson Butte	74.79 43	P	P	21 04 29.1 +0.5
G04A	Mulino	74.80 46	iP	P	21 04 28.9 +0.2
ISHB	Shabestar	74.83 306	eP	P	21 04 29.5 +0.5
ETW	Entiat	75.01 44	eP	P	21 04 29.8 -0.1
H04A	Detroit Lake	75.22 47	iP	P	21 04 31.2 +0.2
BR0R	Big Rock Looko	75.24 47	P	P	21 04 31.5 +0.3
B08A	Colville Reser	75.25 43	iP	P	21 04 31.2 +0.1
IKOM	Komasi	75.26 301	eP	P	21 04 31.0 -0.5
HOOD	Mount Hood Mea	75.26 46	eP	P	21 04 32.1 +0.8
VFP	Flag Point	75.38 46	eP	P	21 04 32.5 +0.6
IVIS	Veis	75.59 302	eP	P	21 04 33.0 -0.4
HUHO	Hull Mountain	75.68 49	eP	P	21 04 33.7 +0.1
UM7A	Sunnyside	75.79 44	iP	P	21 04 34.3 +0.1
IDHR	Dehrash	75.86 302	eP	P	21 04 34.2 -0.7
G06A	Carlson Farm	75.94 46	iP	P	21 04 35.3 +0.2
HAWA	Hanford	76.07 44	eP	P	21 04 35.8 0.0
OD2	Odessa Site #2	76.08 43	eP	P	21 04 35.5 -0.3
D08A	Wollman Farm	76.12 44	iP	P	21 04 36.1 +0.1
C09A	Chrisman Ranch	76.14 43	iP	P	21 04 36.3 +0.1
VIPM	Ving Point	76.29 46	eP	P	21 04 37.6 +0.5
URZ	Urewera	76.41 150	P	P	21 04 35.8 -1.8
NEW	Newport	76.59 42	iP	P	21 04 38.8 +0.1
NEW	Newport	76.59 42	eP	P	21 04 38.4 -0.2
NEW				pmax	
NEW	comp=Z,33nm,1.2s	76.59 42	eP	P	21 04 38.4 -0.3
KCPM	Cahto Peak	76.60 52	eP	P	21 04 39.5 +0.6
E09A	Wood Farm, Sta	76.65 44	iP	P	21 04 40.5 +0.3
G08A	Pilot Rock	76.95 45	iP	P	21 04 41.0 +0.2
K05A	Summer Lake	76.97			

VES	Vestal, Richgr	81.58	54	↑P	P	21 05 06.0 +0.3
E18A	Harlowton	81.63	41	↑P	P	21 05 06.3 +0.6
IAS	Iasi	81.80	320	↑P	P	21 05 06.7 +0.2
IAS	Iasi	81.80	320	↑P	P	21 05 06.7 +0.2
G17A	Pierce Place,	81.86	42	↑P	P	21 05 07.7 +0.8
P10A	Clear Creek Ra	81.87	50	↑P	P	21 05 07.3 +0.1
Q11A	Circle Ranch,	81.91	49	↑P	P	21 05 07.9 +0.5
J15A	Blackfoot	81.93	44	↑P	P	21 05 08.4 +1.0
K14A	Jones Ranch, D	81.95	45	↑P	P	21 05 08.2 +0.8
CWC	Cottonwood Cre	81.97	53	↑P	P	21 05 07.5 -0.2
C20A	Veseth Ranch,	82.03	39	↑P	P	21 05 08.0 +0.3
F18A	Big Timber	82.12	41	↑P	P	21 05 08.5 +0.3
LVV	L'voy	82.12	324	↑P	P	21 05 07.5 -0.7
BSC	Santa Cruz Isl	82.13	55	↑P	P	21 05 08.5 -0.1
GRAC	Grapevine Rang	82.17	52	↑P	P	21 05 08.8 +0.1
L14A	Malta	82.19	46	↑P	P	21 05 09.4 +0.7
O12A	Currie	82.19	48	↑P	P	21 05 09.2 +0.4
GCMT	Greycliff	82.22	41	↑P	P	21 05 09.3 +0.6
R10A	Warm Springs	82.22	50	↑P	P	21 05 09.3 +0.4
TLCR	Newdale	82.24	318	↑P	P	21 05 09.0 +0.1
I16A	Newdale	82.24	44	↑P	P	21 05 10.1 +1.2
K15A	Arbon	82.27	45	↑P	P	21 05 09.7 +0.7
BR13I	Keskin Array S	82.28	311	↑P	P	21 05 09.4 +0.2
BRTR	Keskin Array B	82.28	311	↑P	P	21 05 09.6 +0.4
BRTR	Keskin Array B	82.28	311	↑P	P	21 08 21.1 -2.3
BRTR	Keskin Array B	82.28	311	↑P	P	21 23 02.9 -0.7
BRTR	Keskin Array B	82.28	311	↑P	P	21 05 09.6 +0.4
D20A	Manuel Ranch,	82.32	40	↑P	P	21 05 09.6 +0.3
E19A	Rath Farm, Ro	82.33	40	↑P	P	21 05 09.6 +0.3
Q11A	Duckwater	82.36	50	↑P	P	21 05 09.7 +0.1
J16A	Bone	82.50	44	↑P	P	21 05 11.1 +0.8
P12A	McGill	82.51	49	↑P	P	21 05 10.7 +0.3
IMW	Indian Meadow	82.55	43	↑P	P	21 05 11.6 +0.1
MPMC	Manual Prospec	82.58	53	↑P	P	21 05 10.7 -0.1
FLWY	Flagg Ranch	82.59	43	↑P	P	21 05 12.0 +1.3
F19A	Roth Farm, Mol	82.59	41	↑P	P	21 05 10.7 0.0
HVU	Hansel Valley	82.61	46	↑P	P	21 05 11.7 +0.8
HVU	Hansel Valley	82.61	46	↑P	P	21 05 11.7 +0.8
CFR	Carcalui	82.63	318	↑P	P	21 05 11.2 +0.3
CFR	Carcalui	82.63	318	↑P	P	21 05 11.0 +0.1
RR12	Red Ridge	82.63	44	↑P	P	21 05 11.9 +0.9
R11A	Troy Canyon, C	82.67	50	↑P	P	21 05 11.3 +0.1
E20A	Meyer Farm, Mu	82.67	40	↑P	P	21 05 11.2 +0.1
TESR	Malad City	82.70	320	↑P	P	21 05 11.3 +0.1
L15A	Laurel Mountai	82.73	54	↑P	P	21 05 11.8 +0.4
LRMC	Laurel Mountai	82.73	54	↑P	P	21 05 11.1 -0.5
I17A	Pilgrim Ck.	82.75	43	↑P	P	21 05 13.2 +1.7
K16A	Soda Springs	82.76	44	↑P	P	21 05 12.6 +1.1
Q12A	Willow Creek R	82.79	49	↑P	P	21 05 11.9 +0.1
FURC	Furnace Creek,	82.80	52	↑P	P	21 05 12.0 +0.1
BUR08	Bucovina Ar. S	82.82	322	↑P	P	21 05 12.1 +0.3
RLMT	Red Lodge	82.83	42	↑P	P	21 05 12.5 +0.6
RLMT	Red Lodge	82.83	42	↑P	P	21 05 12.2 +0.3
BUR01	Bucovina Ar. S	82.83	321	↑P	P	21 05 12.7 +0.8
BURAR	Bucovina Array	82.83	321	↑P	P	21 05 12.7 +0.8
PETR	Edwards Air Fo	82.84	319	↑P	P	21 05 13.4 +1.5
EDW2	Edwards Air Fo	82.84	319	↑P	P	21 05 12.2 0.0
TIRR	Tirgusor	82.89	318	↑P	P	21 05 11.7 -0.5
TIRR	Tirgusor	82.89	318	↑P	P	21 05 11.7 -0.5
TIRR	Tirgusor	82.89	318	↑P	P	21 05 12.0 -0.2
SNOW	Snow King Moun	82.91	44	↑P	P	21 05 13.4 +1.0
BSD	Bornholm Skovb	82.91	331	↑P	P	21 05 11.3 -0.8
BSD	Bornholm Skovb	82.91	331	↑P	P	21 05 11.3 -0.8
KWP	Kalwarja Pacla	82.92	324	↑P	P	21 05 12.6 +0.4
KWP	Kalwarja Pacla	82.92	324	↑P	P	21 05 12.2 0.0
KWP	Kalwarja Pacla	82.92	324	↑P	P	21 05 12.6 +0.4
S11A	Rachel	82.93	51	↑P	P	21 05 12.7 +0.2
D21A	La Casta Ranch	82.97	39	↑P	P	21 05 12.8 +0.2
J17A	Brown Place, J	82.99	44	↑P	P	21 05 13.6 +0.8
M15A	Larsen Ranch,	83.00	46	↑P	P	21 05 13.1 +0.3
VRI	Vrincioiaia	83.04	319	↑P	P	21 05 14.2 +1.3
VRI	Vrincioiaia	83.04	319	↑P	P	21 05 13.5 +0.6
F20A	Billings	83.07	41	↑P	P	21 05 12.9 -0.2
P13A	Bates Ranch, G	83.10	48	↑P	P	21 05 13.9 +0.5
GKP	Gorka Klasztor	83.17	329	↑P	P	21 05 13.2 -0.2
GRER	Gorka Klasztor	83.18	319	↑P	P	21 05 15.7 +2.0
U10A	Ash Meadows, A	83.19	52	↑P	P	21 05 14.3 +0.4
CVD	Cernavoda	83.19	318	↑P	P	21 05 14.7 +0.9
K17A	Gardner Place,	83.21	44	↑P	P	21 05 14.2 +0.4
E21A	Keefer Ranch,	83.23	40	↑P	P	21 05 14.1 +0.2
F19A	Power	83.26	42	↑P	P	21 05 14.8 +0.7
FKH	Fakehek	83.30	306	↑P	P	21 05 14.9 +0.4
L16A	Fish Haven	83.32	45	↑P	P	21 05 15.2 +0.7
R12A	Pony Springs,	83.32	50	↑P	P	21 05 14.7 +0.2
I18A	Diamond G Ranc	83.33	43	↑P	P	21 05 15.1 +0.7
Q13A	Wheeler Ranch,	83.37	49	↑P	P	21 05 14.9 +0.2
G20A	Bridger	83.38	41	↑P	P	21 05 14.5 -0.1
AMRR	Amara	83.43	318	↑P	P	21 05 16.4 +1.5
AMRR	Amara	83.43	318	↑P	P	21 05 14.7 -0.2
GCI	San Clemente I	83.43	56	↑P	P	21 05 14.9 -0.3
SCS	Goldstone	83.45	53	↑P	P	21 05 15.3 0.0
HWUT	Hardware Ranch	83.46	45	↑P	P	21 05 15.5 +0.3
DUG	Dugway	83.47	47	↑P	P	21 05 15.7 +0.5
DUG	Dugway	83.47	47	↑P	P	21 05 15.5 +0.3

DUG	Dugway	83.47	47	↑P	P	21 05 15.5 +0.3
DUG	Dugway	83.47	47	↑P	P	21 05 15.5 +0.3
J18A	Kent Valley	83.49	44	↑P	P	21 05 15.8 +0.5
SHOC	Shoshone	83.50	52	↑P	P	21 05 15.4 -0.1
COP	Copenhagen	83.52	333	↑P	P	21 05 14.9 -0.2
COP	Copenhagen	83.52	333	↑P	P	21 05 14.9 -0.2
RRR	Edwin Barstow	83.54	53	↑P	P	21 05 15.9 +0.2
S12A	Delamar Landin	83.55	50	↑P	P	21 05 16.1 +0.4
M16A	Huntsville	83.59	46	↑P	P	21 05 15.9 +0.1
HWQ	Hawqa	83.60	306	↑P	P	21 05 16.1 +0.1
DGMT	Dagmar	83.60	37	↑P	P	21 05 15.4 -0.4
L17A	Coleville	83.61	45	↑P	P	21 05 16.5 +0.5
LAO	LASA Array	83.61	39	↑P	P	21 05 15.9 0.0
F21A	Abalokka Mine,	83.64	40	↑P	P	21 05 15.8 -0.2
P14A	Rum Mountains	83.64	48	↑P	P	21 05 16.4 +0.3
O15A	The Old Anders	83.64	47	↑P	P	21 05 16.5 +0.4
NOQ	North Oquirrh	83.65	47	↑P	P	21 05 16.8 +0.7
MLR	Muntele Rosu	83.70	319	↑P	P	21 05 17.1 +0.8
BMR	Baia Mare	83.72	322	↑P	P	21 05 17.1 +0.8
EMR	Baia Mare	83.72	322	↑P	P	21 05 17.3 +1.0
DOPR	Arbon	83.73	320	↑P	P	21 05 17.3 +0.9
UZH	Uzhgorod	83.75	324	↑P	P	21 05 13.0 -3.5
STHS	Stebnicka Uzh	83.75	325	↑P	P	21 05 17.4 +0.7
STHS	Stebnicka Uzh	83.75	325	↑P	P	21 05 17.4 +0.7
STHS	Stebnicka Uzh	83.79	325	↑P	P	21 05 17.4 +0.7
K18A	Toitan Ranch,	83.81	44	↑P	P	21 05 17.4 +0.5
R13A	O'Grain Ranch,	83.83	49	↑P	P	21 05 17.4 +0.3
Q14A	Sevier Lake (B	83.84	48	↑P	P	21 05 17.4 +0.3
SHPR	Sheep Range	83.94	51	↑P	P	21 05 17.9 +0.2
TRPA	Tarpa	83.94	323	↑P	P	21 05 17.5 +0.1
G21A	Lodge Grass	83.95	41	↑P	P	21 05 17.3 -0.2
N16A	Rees Ranch, Co	83.95	46	↑P	P	21 05 18.0 +0.4
TUQ	Turquoise Moun	83.99	53	↑P	P	21 05 18.0 0.0
QJC	Johnson	83.99	326	↑P	P	21 05 17.3 -0.3
BHL	Bhannes	84.00	306	↑P	P	21 05 17.9 -0.2
SULR	Sullivan	84.01	319	↑P	P	21 05 17.5 -0.3
CRVS	Cervenica-Dubn	84.01	324	↑P	P	21 05 17.7 -0.1
CRVS	Cervenica-Dubn	84.01	324	↑P	P	21 05 17.7 -0.1
BW06	Boulder Array	84.03	44	↑P	P	21 05 17.8 -0.2
PDAR	Pinedale Array	84.04	44	↑P	P	21 05 17.8 -0.2
PDAR	Pinedale Array	84.04	44	↑P	P	21 06 39.6 -3.6
HEC	Hector,Ludlow	84.03	53	↑P	P	21 05 18.0 -0.1
J19A	Crowheart	84.04	43	↑P	P	21 05 18.5 +0.5
MURC	Murrieta	84.07	55	↑P	P	21 05 17.9 -0.5
NLU	North Lily Min	84.07	47	↑P	P	21 05 18.4 +0.1
M17A	Scully Gap (B)	84.09	45	↑P	P	21 05 18.6 +0.3
V11A	Goodsprings	84.11	52	↑P	P	21 05 18.7 +0.2
T12A	Blow	84.12	51	↑P	P	21 05 18.8 +0.2
P15A	Leamington	84.16	47	↑P	P	21 05 19.0 +0.3
I20A	World	84.18	42	↑P	P	21 05 19.1 +0.4
MUD	Monsted U'grnd	84.20	335	↑P	P	21 05 18.0 -0.6
MUD	Monsted U'grnd	84.20	335	↑P	P	21 05 18.0 -0.6
L18A	Fontenelle, Gr	84.22	45	↑P	P	21 05 19.4 +0.4
V13A	Holt Ranch, En	84.23	50	↑P	P	21 05 19.6 +0.5
S01R	Saint George I	84.24	320	↑P	P	21 05 19.8 +0.8
NIE	Niedzica	84.26	325	↑P	P	21 05 19.3 +0.2
MPU	Maple Canyon	84.32	47	↑P	P	21 05 19.3 -0.2
DAU	Daniels Canyon	84.33	46	↑P	P	21 05 20.0 +0.5
DAU	Daniels Canyon	84.33	46	↑P	P	21 05 20.0 +0.5
DAU	Daniels Canyon	84.33	46	↑P	P	21 05 20.0 +0.4
ARUT	Antelope Range	84.39	49	↑P	P	21 05 20.3 +0.4
ARUT	Antelope Range	84.39	49	↑P	P	21 05 20.3 +0.4
ARUT	Antelope Range	84.39	49	↑P	P	21 05 20.2 +0.4
U12A	Valley of Fire	84.40	51	↑P	P	21 05 20.2 +0.2
H21A	Big Horn, Sher	84.40	41	↑P	P	21 05 20.0 +0.2
K19A	Absolon Red Bu	84.42	43	↑P	P	21 05 19.5 -0.5
M18A	Lyman	84.49	45	↑P	P	21 05 20.7 +0.4
T13A	Saint George I	84.50	50	↑P	P	21 05 20.9 +0.4
GMRC	Granite Mounta	84.52	53	↑P	P	21 05 20.6 -0.1
P16A	Fourtain Green	84.53	47	↑P	P	21 05 21.0 +0.4
J20A	Shoshoni	84.56	43	↑P	P	21 05 20.6 0.0
V12A	Nelson	84.57	52	↑P	P	21 05 20.9 +0.1
S14A	Cedar City	84.59	49	↑P	P	21 05 20.9 0.0
PFO	Pinyon Flat Ob	84.59	54	↑P	P	21 05 20.0 -1.0
PFO	Pinyon Flat Ob	84.59	54	↑P	P	21 05 20.9 -0.1
PFO	Pinyon Flat Ob	84.59	54	↑P	P	21 05 20.5 -0.5
PFO	Pinyon Flat Ob	84.59	54	↑P	P	21 05 20.5 -0.5
DRGR	DRGR	84.69	322	↑P	P	21 05 21.3 +0.1
DRGR	DRGR	84.69	322	↑P	P	21 05 21.4 +0.2
BELC	Belle Mtn. Jos	84.70	54	↑P	P	21 05 21.1 -0.4
I21A	Big Trails, Te	84.75	42	↑P	P	21 05 21.6 +0.1
KECS	Keecovo	84.78	324	↑P	P	21 05 21.4 -0.2
KECS	Keecovo	84.78	324	↑P	P	21 05 21.4 -0.2
KECS	Keecovo	84.78</				





ISCJB 01 22:58:40.1-0.8, 201.86S, 0.09-178.69W, 0.08, h609km, 10km, mb3.9/21, Error ellipse: s-maj=13.5km s-min=10.8km az=170.9

IDC 01 22:58:40.2-2.2, 201.84S, 178.62W, h592km, 21km, mb3.5/12, mb 1.3/7.12, mb1mx3.6/17, mbtmp3.5/12, Error ellipse: s-maj=35.1km s-min=15.4km az=150.0

NEIC 01 22:58:40.9-0.6, 201.82S, 178.65W, h605km, 6km, mb4.1/12, Error ellipse: s-maj=8.9km s-min=6.8km az=169.0

ISC 01 22:58:40.9-0.8, 201.83S, 0.09-178.66W, 0.08, h602km, 10km, n66, c072/37, mb3.9/21, 9C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like Nonsavu, Afiamalu, Rarotonga, Urewera, Charters Tower, etc.

ISCJB 01 23:14:39.9-1.6, 9.72S, 119.83E, h0km, mb3.9/4, mb1 4.0/6, mb1mx3.8/15, mbtmp3.9/6, ML3.9/2, MS3.2/1, Ms1 3.2/1, ms1mx2.5/2.4, Error ellipse: s-maj=133.2km s-min=22.6km az=56.0

ISCJB 01 23:14:47.5-0.6, 10.14S, 0.05-119.51E, 0.04, h55km, 7km, mb4.1/7, Error ellipse: s-maj=8.9km s-min=5.5km az=22.3

DJA 01 23:14:47.10, 20S, 119.48E, h17km, MLv4, 6/7, NEIC 01 23:14:48.1-0.3, 10.03S, 119.45E, h35km, mb4.2/4, Error ellipse: s-maj=10.4km s-min=5.0km az=56.0

ISC 01 23:14:49.2-0.5, 10.15S, 0.05-119.54E, 0.04, h52km, 6km, n32, c102/39, mb4.1/7, Sumba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like Waingapu, Maumere, Kahang-Kahang, etc.

NNC 01 23:16:32.1-6.5, 51.38N, 90.22E, h0km, mb3.8, mpv3.9, Error ellipse: s-maj=52.9km s-min=38.4km az=90.0

IDC 01 23:16:30.0-2.4, 51.19N, 89.62E, h0km, mb3.7/1, mb1 3.8/5, mb1mx3.5/27, mbtmp3.8/5, ML 3.8/5, Error ellipse: s-maj=22.4km s-min=15.0km az=85.0

ISCJB 01 23:16:32.7-0.8, 51.30N, 0.04-89.20E, 0.08, h10km, mb3.7/2, Error ellipse: s-maj=7.6km s-min=5.7km az=155.5

NEIC 01 23:16:35.9-0.6, 51.29N, 88.91E, h10km, mb3.3/2, Error ellipse: s-maj=9.7km s-min=7.5km az=170.0

ISC 01 23:16:33.0-1.0, 51.28N, 0.04-89.4E, 0.1, h10km, n24, c1938/40, mb3.7/2, 8C-7D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like Zalesovo Array, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like MKAR, KURK, KURB, WMQ, TLY, VOSK, SONM, BVAO, BVAR, ULN, TKM2, ZRNK, etc.

ISCJB 01 23:46:18.5-0.6, 52.22N, 0.09-170.17E, 0.06, h10km, mb3.9/20, MS2.8/3, Error ellipse: s-maj=12.6km s-min=10.8km az=3.3

IDC 01 23:46:18.4-0.9, 52.17N, 170.28E, h0km, mb3.9/15, mb1 4.1/16, mb1mx4.0/27, mbtmp3.9/16, ML4.1/1, MS2.9/3, Ms1 2.9/3, ms1mx2.7/35, Error ellipse: s-maj=29.6km s-min=13.8km az=173.0

MOS 01 23:46:18.6-0.9, 52.20N, 170.19E, h13km, mb4.6/3, Error ellipse: s-maj=13.5km s-min=10.1km az=122.6

NEIC 01 23:46:19.8-0.5, 52.13N, 170.30E, h10km, mb4.3/5, Error ellipse: s-maj=15.8km s-min=5.2km az=171.0

KRSC 01 23:46:22.2-2.3, 52.24N, 169.64E, h15km, ML4.3, Error ellipse: s-maj=10.6km s-min=5.0km az=106.6

ISC 01 23:46:20.4-0.6, 52.26N, 0.09-170.25E, 0.06, h10km, n41, c077/147, mb3.9/20, MS2.8/3, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like SMY, Bering, Mys Kozlova, etc.

ISCJB 01 23:33:19.9-0.4, 37.92N, 0.03-21.42E, 0.03, h21km, 4km, Error ellipse: s-maj=5.1km s-min=4.1km az=19.5

CSEM 01 23:33:19.5-0.3, 37.92N, 21.39E, h20km, MD3.2, Error ellipse: s-maj=6.4km s-min=5.3km az=33.0

ATH 01 23:33:19.6, 37.91N, 21.43E, h20km, 1km, MD3.2/14, NEIC 01 23:33:19.6, 37.91N, 21.43E, h20km, MD3.2/ATH, After

THE 01 23:33:19.3, 37.89N, 21.45E, h0km, 1km, ML2.0/6, Error ellipse: s-maj=1.9km s-min=0.6km az=240.0

ISC 01 23:33:19.7-0.5, 37.91N, 0.04-21.42E, 0.03, h18km, 4km, n58, c120/85, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like LAKA, Efpalio, Trizonia, Valsamata, etc.

ISCJB 01 23:46:18.5-0.6, 52.22N, 0.09-170.17E, 0.06, h10km, mb3.9/20, MS2.8/3, Error ellipse: s-maj=12.6km s-min=10.8km az=3.3

IDC 01 23:46:18.4-0.9, 52.17N, 170.28E, h0km, mb3.9/15, mb1 4.1/16, mb1mx4.0/27, mbtmp3.9/16, ML4.1/1, MS2.9/3, Ms1 2.9/3, ms1mx2.7/35, Error ellipse: s-maj=29.6km s-min=13.8km az=173.0

MOS 01 23:46:18.6-0.9, 52.20N, 170.19E, h13km, mb4.6/3, Error ellipse: s-maj=13.5km s-min=10.1km az=122.6

NEIC 01 23:46:19.8-0.5, 52.13N, 170.30E, h10km, mb4.3/5, Error ellipse: s-maj=15.8km s-min=5.2km az=171.0

KRSC 01 23:46:22.2-2.3, 52.24N, 169.64E, h15km, ML4.3, Error ellipse: s-maj=10.6km s-min=5.0km az=106.6

ISC 01 23:46:20.4-0.6, 52.26N, 0.09-170.25E, 0.06, h10km, n41, c077/147, mb3.9/20, MS2.8/3, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Rows include stations like SMY, Bering, Mys Kozlova, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLX Vlachokerasia, PYLOS, Desfina, Evrytania, Loutrakia, etc.

IDC 02 01:43:43.5, 1.6, 6:28S, 104.45E, h0km, mb4, 1/8, Error ellipse: s-maj=79.4km s-min=16.9km az=53.0

NEIC 02 01:43:48.0, 9.6:26S, 104.53E, h35km, mb4, 3/2, Error ellipse: s-maj=50.0km s-min=11.2km az=51.1

ISCJB 02 01:43:51.3, 1.2, 6:40S, 104.33E, 0.08, h80km, 9km, mb4, 0/10, Error ellipse: s-maj=18.9km s-min=7.9km az=37.1

DJA 02 01:43:51.6, 3:37S, 104.43E, h12km, MLV4, 3/14, Error ellipse: s-maj=50.0km s-min=11.2km az=51.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, BLSI Bandar Lampung, LWSL Liwa, etc.

ATH 02 01:57:25.9, 41.165N, 23.99E, h16km, MD3, 3/7, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

NEIC 02 01:57:25.9, 41.165N, 23.99E, h16km, MD3, 3(A)TH, After ATH

SOF 02 01:57:25.4, 41.62N, 24.03E, h18km, MD3, 1, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

ISCJB 02 01:57:26.1, 0.4, 41.64N, 0.01, 24.02E, 0.02, h5km, 3km, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

THE 02 01:57:26.8, 41.62N, 23.99E, h7km, 1km, ML3, 0/8, Error ellipse: s-maj=1.4km s-min=0.7km az=327.0

CSEM 02 01:57:26.5, 0.1, 41.63N, 24.02E, h2km, MD3, 3, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

SKO 02 01:57:27.6, 41.65N, 23.96E, h5km, M2, 4, ML2.7, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

BEQ 02 01:57:28.4, 0.6, 41.62N, 24.06E, h15km, 3km, ML3, 1/9, Error ellipse: s-maj=2.9km s-min=2.5km az=173.0

ISC 02 01:57:26.7, 0.4, 41.63N, 0.02, 24.01E, 0.02, h3km, 3km, n116, 0.082/176, 9C-9D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMB Musomisti, NVR Nevrokopi, SRS Serrai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAY Valandovo, VIT Vitosha, HORT Hortiatis, etc.

ISCJB 02 01:58:50.2, 0.4, 51.05N, 0.02, 5.95E, 0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.3km az=145.0

CSEM 02 01:58:51.3, 0.1, 51.03N, 6.03E, h20km, ML2, 5/12, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

BGR 02 01:58:52.0, 0.5, 51.05N, 6.07E, h10km, ML1, 9/3, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

LDG 02 01:58:52.1, 0.1, 51.04N, 5.99E, h10km, Md2, 6/1, Md2, 2/10, Error ellipse: s-maj=1.4km s-min=0.9km az=146.0

BNS 02 01:58:52.4, 0.5, 51.06N, 6.03E, h14km, 4km, ML1, 9, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

UCC 02 01:58:52.1, 0.3, 51.05N, 6.00E, h15km, ML1, 7, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

ISC 02 01:58:51.1, 0.4, 51.04N, 0.02, 5.97E, 0.03, h10km, n67, 6:1007/119, 5C-3D, The Netherlands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAY Valandovo, VIT Vitosha, HORT Hortiatis, etc.

ISCJB 02 01:58:50.2, 0.4, 51.05N, 0.02, 5.95E, 0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.3km az=145.0

CSEM 02 01:58:51.3, 0.1, 51.03N, 6.03E, h20km, ML2, 5/12, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

BGR 02 01:58:52.0, 0.5, 51.05N, 6.07E, h10km, ML1, 9/3, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

LDG 02 01:58:52.1, 0.1, 51.04N, 5.99E, h10km, Md2, 6/1, Md2, 2/10, Error ellipse: s-maj=1.4km s-min=0.9km az=146.0

BNS 02 01:58:52.4, 0.5, 51.06N, 6.03E, h14km, 4km, ML1, 9, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

UCC 02 01:58:52.1, 0.3, 51.05N, 6.00E, h15km, ML1, 7, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RODG Roetgen-Dahle, HGN Heimansgroeve, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HGN Heimansgroeve, BORS Borschemich, EBEN Eben Emael, etc.

ISCJB 02 01:58:50.2, 0.4, 51.05N, 0.02, 5.95E, 0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.3km az=145.0

CSEM 02 01:58:51.3, 0.1, 51.03N, 6.03E, h20km, ML2, 5/12, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

BGR 02 01:58:52.0, 0.5, 51.05N, 6.07E, h10km, ML1, 9/3, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

LDG 02 01:58:52.1, 0.1, 51.04N, 5.99E, h10km, Md2, 6/1, Md2, 2/10, Error ellipse: s-maj=1.4km s-min=0.9km az=146.0

BNS 02 01:58:52.4, 0.5, 51.06N, 6.03E, h14km, 4km, ML1, 9, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

UCC 02 01:58:52.1, 0.3, 51.05N, 6.00E, h15km, ML1, 7, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

ISC 02 01:58:51.1, 0.4, 51.04N, 0.02, 5.97E, 0.03, h10km, n67, 6:1007/119, 5C-3D, The Netherlands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HGN Heimansgroeve, BORS Borschemich, EBEN Eben Emael, etc.

ISCJB 02 01:58:50.2, 0.4, 51.05N, 0.02, 5.95E, 0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.3km az=145.0

CSEM 02 01:58:51.3, 0.1, 51.03N, 6.03E, h20km, ML2, 5/12, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

BGR 02 01:58:52.0, 0.5, 51.05N, 6.07E, h10km, ML1, 9/3, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

LDG 02 01:58:52.1, 0.1, 51.04N, 5.99E, h10km, Md2, 6/1, Md2, 2/10, Error ellipse: s-maj=1.4km s-min=0.9km az=146.0

BNS 02 01:58:52.4, 0.5, 51.06N, 6.03E, h14km, 4km, ML1, 9, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

UCC 02 01:58:52.1, 0.3, 51.05N, 6.00E, h15km, ML1, 7, Error ellipse: s-maj=6.7km s-min=3.3km az=111.0

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









Table with columns: DBIC, Dimbokro, 154.32 169, PKP, PKPdf, 02 59 27.9 +1.1, etc.

Table with columns: SJI, Sawahan, 18.27 265, P, P, 03 18 40.9 +1.5, etc.

Table with columns: MDJ, Mudanjiang, 50.93 359, P, P, 03 23 22.0 3h, etc.

OTT 02 03:02:10.8±1.3, 60.68N, 58.41W, h18km, ML3.7/7, LaLibertaRADOR Sea Seismic Zone. 354km east from Killiniq, QC, Davis Strait

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

Table with columns: SJI, Kota Kinabalu, 18.69 312, eP, P, 03 18 43.8 -0.2, etc.

Table with columns: MDJ, Kota Kinabalu, 18.69 312, P, P, 03 18 52.3 +8.3, etc.

BUJ 02 03:14:27.0, 7.43°S, 130.53°E, h147km, mB4.8/22m, mB4.8/38 NEIC 02 03:14:36.3±1.0, 6.51S, 130.05E, h148km, 10km, mB4.9/25, Error ellipse: s-maj=8.7km s-min=5.3km az=50.0

NEIC Felt at Darwin, Australia. ISCJB 02 03:14:37.5±0.4, 6.52S, 0.03°E, h178km, 3km, mB4.9/74, Error ellipse: s-maj=5.6km s-min=4.2km az=156.9

IDC 02 03:14:37.6±1.6, 6.52S, 129.98E, h161km, 14km, mB4.3/15, mb1 4.4/17, mb1mx4.3/21, mb1tp4.3/17, Error ellipse: s-maj=15.8km s-min=9.2km az=65.0

DJA 02 03:14:38.6±0.9, 6.59S, 130.14E, h150km, mB5.0/30 ISC 02 03:14:38.3±0.4, 6.54S, 0.03°E, h166km, 3km, h157km, 3.8km; p-P, N161, c114/165, mB4.9/74, 2D,

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

Table with columns: SJI, Kota Kinabalu, 18.69 312, eP, P, 03 18 43.8 -0.2, etc.

Table with columns: MDJ, Kota Kinabalu, 18.69 312, P, P, 03 18 52.3 +8.3, etc.

2008 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, KIC Kosa Boka, DBIC Dimbokoro, etc.

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

DJA 02 03:23:49.0,31S:126.10E,h20km,MLV3.5/3,Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LBMI Labuha, TNTI Ternate, etc.

IDC 02 03:27:55.2,1.0,35:59N:99:61E,h0km,mb3.8/11, mb1 4.0/14,mb1mx3.9/27,mbtmp3.9/14,ML4.0/3,MS3.4/5, Ms1 3.4/5,ms1mx2.9/31,Error ellipse: s-maj=27.6km s-min=18.2km az=39.0

BJI 02 03:27:57.4,35:50N:99:69E,h23km,mb4.2/2,ML4.1/12, Ms4.0/11,Ms7 3/79

NEIC 02 03:27:58.7,2.9,35:60N:99:73E,h24km,24km,mb3.9/4, Error ellipse: s-maj=12.5km s-min=7.6km az=69.0

ISC 02 03:27:56.4,1.6,35:63N:0:05:99.71E,0.06,h4km,10km, n26,c121/35,mb3.9/10,MS3.2/4,Qinghai

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MEX 02 03:38:33.7,1.6,17:38N:95:41W,h140km,24km,MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VHO Vista Hermosa, VHO Vista Hermosa, TPIG Tehuacan, etc.

NEIC 02 03:51:35.5,33:94S:70:34W,h114km,MD3.4(GUC),After

GUC 02 03:51:35.5,0.8,33:94S:70:34W,h114km,24km,MD3.4, ML3.8,4C-10D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, SONM Songoing Array, ABKAR Abkulkal array, etc.

DJA 02 04:07:25.7,64S:106:73E,h35km,MLV3.7/6,Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKJI Sukabumi, CISI Cisompot, Garu, etc.

ISCJB 02 04:08:01.1,0.5,37:90N:0:02:21.44E,0.03,h3km,4km, Error ellipse: s-maj=4.3km s-min=3.1km az=23.0

ATH 02 04:08:01.2,37:91N:21:42E,h21km,1km,MD3.2/16

NEIC 02 04:08:01.2,37:91N:21:42E,h21km,MD3.2(ATH),After ATH

CSEM 02 04:08:01.5,0.2,37:91N:21:42E,h20km,MD3.2,Error ellipse: s-maj=5.5km s-min=5.1km az=23.0

THE 02 04:08:01.6,37:90N:21:46E,h6km,3km,ML2.5/7,Error ellipse: s-maj=5.5km s-min=0.7km az=2.0

ISC 02 04:08:01.8,0.5,37:91N:0:02:21.44E:0.03,h6km,4km, n63,c08/6/105,Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Rioli of Patr, RLS Rioli of Patr, RLS Rioli of Patr, etc.

NNC 02 04:20:23.2,4.0,54:06N:86:28E,h0km,mb3.7,mpv3.2, 6C-6D,Error ellipse: s-maj=32.7km s-min=20.1km az=58.0,Southwestern Siberia

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

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

IDC 02 03:37:51.3,1.6,7:09S:160:68E,h0km,mb3.8/5, mb1 4.0/5,mb1mx3.8/15,mbtmp3.8/5,MS3.8/1,Ms1 3.7/1, ms1mx2.7/25,Error ellipse: s-maj=69.9km s-min=24.5km az=118.0,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, MK31 Makanchi Array, MK31 Makanchi Array, VOSK Vostochayna, ZRNK Zerenda, ZRNK Zerenda.

IGQ 02 04:24:35.1, 0.61N:79.98W, h8km, 2km, Mb4.0, Ms3.8, 10C-1D, Error ellipse: s-maj=7.2km s-min=1.5km az=54.2, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JAMA Jama, JAMA Jama, GOLV Golondrinas, GOLV Golondrinas, PINO Pino, TERRA Terraza Guagua, YANA Yana, YANA Yana, GGP Refugio Guagua, JUAZ San Juan 2, JUAZ San Juan 2, COTA Cotacachi, PITA Cotopaxi Volc, CAMI Rancho Maria, NAS2 Nasa, BREF Cotopaxi Volca, VC1 Cotopaxi, BVC2 Cotopaxi Volca, MOV1 Cotopaxi Vol s, BTAM Cotopaxi Volca, CAYR Refugio Cayamb, CAYA Cayambe, COVI Cotopaxi Volc, TAMB Tambo, ANTI Antisana, ARRY Arrayan, PAT1 Patacocha.

ISC 02 04:24:39.0, 9.1, 12.52N:89.88W, h0km, mb3.6/4, mb1.3, 9/5, mb1mx3.6/21, mbtmp3.6/5, ML2.8/1, Error ellipse: s-maj=158.9km s-min=42.3km az=178.0

ISCJB 02 04:24:43.1, 1.8, 12.67N:0.06:90.34W, 0.05, h21km, 12km, mb3.9/3, Error ellipse: s-maj=10.9km s-min=7.5km az=14.6

CASC 02 04:24:44.0, 1.7, 12.75N:90.29W, h14km, 9km, MD3.7, NEIC 02 04:24:48.7, 1.3, 13.02N:90.09W, h35km, Error ellipse: s-maj=28.6km s-min=10.8km az=207.0

ISC 02 04:24:42.8, 1.7, 12.72N:0.06:90.29W, 0.04, h5km, 9km, n24, a+100/32, mb3.9/5, Off coast of Central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBLS San Blas, SBLS San Blas, SNJE San Jose, RTR El Retiro, RTR El Retiro, BOQS Boqueron, BOQS Boqueron, SNET Serv Nac Est T, LFRS El Faro, LFRS El Faro, RBDL Robledal, RBDL Robledal, LBR5 Las Brisas, SNVI San Vicente, FUG Fuego 3, FUG Fuego 3, NBG Las Nubes, MTOZ Montecristo 2, VSM San Miguel, BLLM Bellama, BLLM Bellama, CAHU Cacahuatiga, MRL Marmol, CNCH Conchagua, TGUH Tegucigalpa, Un, JTS Juntas Abangare, JTS Juntas Abangare, CMIG Matias Romero, CMIG Matias Romero, TXAR Lajas Array, TXAR Lajas Array, TKL Tuckaleechee C, TKL Tuckaleechee C, NVAR Mina Array Baa, NVAR Mina Array Baa, SCHO Schefferville, SCHO Schefferville.

ISC 02 04:44:31.1, 6.6, 17.76S:178.57W, h578km, 78km, mb3.0/6, mb1.3, 3/6, mb1mx3.2/1.5, mbtmp3.0/3.0, Fijj ellips: s-maj=37.2km s-min=24.8km az=130.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, QSPA South Pole Qu, QSPA South Pole Qu, NVAR Mina Array Baa, NVAR Mina Array Baa, ILAR Eielson Array, ILAR Eielson Array, TXAR Lajas Array, TXAR Lajas Array, PDAR Pinedale Array, PDAR Pinedale Array, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

DDA 02 04:51:36.6, 37.05N:26.39E, h5km, 3km, M14.3, ATH 02 04:51:37.5, 36.98N:26.47E, h27km, 1km, ML3.9, NEIC 02 04:51:37.5, 36.98N:26.47E, h27km, ML3.9(ATH), After ATH

ISC 02 04:51:37.4, 1.4, 36.67N:26.57E, h0km, mb3.5/2, mb1.3, 4/3, mb1mx3.2/23, mbtmp3.4/3, ML2.8/1, MS2.9/1, Ms1.2, 9/1, ms1mx2.6/41, Error ellipse: s-maj=81.9km s-min=22.3km az=153.0

THE 02 04:51:38.8, 37.05N:26.43E, h10km, 2km, ML3.6/2, Error ellipse: s-maj=2.7km s-min=0.7km az=190.0

CSEM 02 04:51:38.9, 0.1, 37.01N:26.43E, h15km, ML3.6/2, Error ellipse: s-maj=4.0km s-min=2.9km az=161.0

ISCJB 02 04:51:38.0, 0.4, 37.00N:0.02:26.42E, 0.02, h14km, 3km, mb3.7/3, Error ellipse: s-maj=3.4km s-min=2.8km az=143.5

ISC 02 04:51:38.9, 0.4, 37.01N:0.02:26.43E, 0.02, h15km, 3km, n117, 9892/159, mb3.7/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APE Apeiranthos, APE Apeiranthos, NIS1 Nisyros Isl, NIS1 Nisyros Isl, SMG Samos, SMG Samos, SMG Samos, BDRM Kayabasi, BDRM Kayabasi, THR2 Thira Island, THR2 Thira Island, THR1 Thira Island, THR1 Thira Island, THR3 Thira Island, THR3 Thira Island, THRS Thira Island, THRS Thira Island, AYDN Tasoluk, AYDN Tasoluk, UURLA Izmir, UURLA Izmir, CHOS Chios Island, CHOS Chios Island, CHOS Chios Island, CHOS Chios Island, BLCB Balcova, BLCB Balcova, KARP Karpathos, KARP Karpathos, ARG Arhangelos, ARG Arhangelos, ARG Arhangelos, NPS Neapolis, NPS Neapolis, NPS Neapolis, ZKR Zakros, ZKR Zakros, ZKR Zakros, LAST Lasithi, LAST Lasithi, LAST Lasithi, AKHS Akhisar, AKHS Akhisar, DNKL Cakirokul, DNKL Cakirokul, PRK Parakevit, PRK Parakevit, PRK Parakevit, VLY Voula, Athens, VLY Voula, Athens, VLY Voula, Athens, PTL Penteli, PTL Penteli, ATH Athens Unvers, ATH Athens Unvers, ATH Athens Observa, ATH Athens Observa, ATH Athens Observa, SIVAS Sivas, SIVAS Sivas, VAMOS Vamos, VAMOS Vamos, VAMOS Vamos, NAIG Nisos Aigina, NAIG Nisos Aigina, NAIG Nisos Aigina, GOLH Golhisar, GOLH Golhisar, KARN Karanos, KARN Karanos, KARN Karanos, DID Didima, DID Didima, AKAS Kas, AKAS Kas, DEMI Demirci, DEMI Demirci, KARAHALLI Karahalli, KARAHALLI Karahalli, VLI Velia, VLI Velia, KYTH Kithira, KYTH Kithira, LYTH Loutraki, LYTH Loutraki, LIA Limnos Island, LIA Limnos Island, LIA Limnos Island, GDZ Gediz, GDZ Gediz, VLR Vlachokerasia, VLR Vlachokerasia, GOUR Gaura, GOUR Gaura, ITM Ithomi, ITM Ithomi, ITM Ithomi, PYLOS Pylos, PYLOS Pylos, EPP Eppalio, EPP Eppalio, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, CUC Castruccio, CUC Castruccio, CUC Castruccio, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, MDT Midelt, MDT Midelt, TORO Torodi Ar. Baa, TORO Torodi Ar. Baa, TORO Torodi Ar. Baa.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISC 02 05:25:53.2, 1.2, 13.58N:88.15W, h0km, mb3.4/6, mb1.3, 8/7, mb1mx3.7/20, mbtmp3.5/7, ML3.7/1, MS3.2/1, Ms3.2/1, ms1mx2.6/17, Error ellipse: s-maj=76.6km s-min=21.1km az=49.0

ISCJB 02 05:25:59.4, 0.5, 13.02N:0.07:88.95W, 0.05, h68km, 6km, mb3.4/6, Error ellipse: s-maj=13.4km s-min=3.6km az=32.0

NEIC 02 05:26:00.3, 2.2, 12.93N:88.89W, h56km, 22km, mb3.9/1, MD4.3(SNET), Error ellipse: s-maj=34.9km s-min=12.4km az=206.0

NEIC Felt [I] at San Salvador. Also felt at La Libertad. CASC 02 05:26:00.0, 2.1, 13.02N:88.98W, h31km, 6km, MD3.8, ML4.1, mb3.9(NEIC)

ISC 02 05:26:00.6, 0.4, 13.07N:0.07:88.94W, 0.05, h61km, 7km, n53, r157/59, mb3.4/6, 1C-1D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LFRS El Faro, LFRS El Faro, LBR5 Las Brisas, LBR5 Las Brisas, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, BOQS Boqueron, BOQS Boqueron, VSM San Miguel, VSM San Miguel, BLLM Bellama, BLLM Bellama, CAHU Cacahuatiga, CAHU Cacahuatiga, SNBI San Blas, SNBI San Blas, SNJE San Jose, SNJE San Jose, RTR El Retiro, RTR El Retiro, CNCH Conchagua, CNCH Conchagua, RBDL Robledal, RBDL Robledal, MTOZ Montecristo 2, MTOZ Montecristo 2, TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un, NBG Las Nubes, NBG Las Nubes, PCH Pachuca, PCH Pachuca, LEON Leon, LEON Leon, MRL Marmol, MRL Marmol, CNGM Cerro Negro, CNGM Cerro Negro, FUG Fuego 3, FUG Fuego 3, MOMM Momotombo, MOMM Momotombo, COPN Copaltee, COPN Copaltee, PSN Tecapan 2, PSN Tecapan 2, XAVN Xavier, XAVN Xavier, TISN Laguna Tiscapa, TISN Laguna Tiscapa, MGAN Managua, MGAN Managua, MGAN Managua, MGAN Managua.

CRUM El Crucero, CRUM El Crucero, HUEN Huenuy, HUEN Huenuy, TICN Tiquantepe, TICN Tiquantepe, JAT Jato, JAT Jato, BOAB BOAC BROADBAN, BOAB BOAC BROADBAN, BOAB BOAC BROADBAN, CGAZ Cerro Gallo 2, CGAZ Cerro Gallo 2, PRS1 Puriscal, PRS1 Puriscal, LAJ Bijagua, LAJ Bijagua, SJS Escuela Geolog, SJS Escuela Geolog, URSO Quepos, URSO Quepos, URSO Urasca, URSO Urasca, BRUC Buena Vista, BRUC Buena Vista, BUS BUS, CMIG Matias Romero, CMIG Matias Romero.

ACR Cerro Adams, ACR Cerro Adams, SDV Santo Domingo, SDV Santo Domingo, TXAR Lajas Array, TXAR Lajas Array, TXAR Lajas Array, TXAR Lajas Array, TKL Tuckaleechee C, TKL Tuckaleechee C, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array.

YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar.

ISC 02 05:32:42.8, 4.3, 18.18S:64.91E, h0km, mb3.9/5, mb1.4, 0/5, mb1mx3.9/19, mbtmp3.9/5, Error ellipse: s-maj=121.5km s-min=42.1km az=60.0, Mauritius - Reunion region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SONM Songo Array, SONM Songo Array.

ISC 02 05:43:33.5, 0.8, 35.17N:24.41E, h0km, mb4.1/15, mb1.4, 1/18, mb1mx4.0/29, mbtmp4.1/18, ML3.9/2, MS3.1/4, Ms1.3, 1/4, ms1mx2.6/41, Error ellipse: s-maj=19.5km s-min=15.6km az=162.0

ISCJB 02 05:43:35.0, 3.3, 34.84N:0.02:24.24E, 0.03, h10km, mb4.2/19, MS3.6/4, Error ellipse: s-maj=3.6km s-min=2.9km az=148.4

HLW 02 05:43:35.1, 35.23N:24.53E, h14km, 16km, MD3.5, M13.8, NEIC 02 05:43:37.6, 34.97N:24.26E, h23km, ML3.7(ATH), After ATH

ATH 02 05:43:37.6, 34.97N:24.26E, h23km, ML3.7, CSEM 02 05:43:38.3, 0.2, 34.97N:24.32E, h20km, ML3.5/2, Error ellipse: s-maj=5.6km s-min=4.7km az=50.0

THE 02 05:43:39.7, 35.15N:24.36E, h0km, 2km, ML3.5/2, Error ellipse: s-maj=4.9km s-min=0.9km az=213.0

ISC 02 05:43:37.1, 0.3, 34.87N:0.02:24.28E, 0.03, h10km, n196, r130/221, mb4.2/19, MS3.6/4, 1C, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, SIVA Sivas, VAM Vamos, VAM Vamos, VAM Vamos, VAM Vamos, LAST Lasithi, LAST Lasithi, LAST Lasithi, LAST Lasithi, NPS Neapolis, NPS Neapolis, NPS Neapolis, NPS Neapolis.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XRY Khrisi, ZKR Zakros, THRS Thira Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFRF Wahat Farafira, CUC Castruccio, SUZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRN Felt Widely, FWUN, RSPR, etc.

ISC/JB 02 05:45:30.8, 0.6, 35.00N, 0.04, 137.51E, 0.04, 4h0km, 12km, Error ellipse: s-maj=7.9km s-min=5.1km az=157.8

JMA 02 05:45:30.8, 35.06N, 137.51E, h42km, M2.7 Broadband fault plane solution: P waves, N1=19.0000°, S2=143.0000°, A=143.0000°, NP2=6.00000°, S64.00000°, I=1.430000, Principal axes: T Plg7.0000°, Azm65.0000°, N Plg41.0000°, Azm161.0000°; P Plg48.0000°, Azm327.0000°

ISC 02 05:45:31.1-0.6, 35.00N, 0.05:137.51E, 0.04, h38km, 11km, n10, e048/18, 3C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYWZ Shizuzawa, SHZ3 Shizuoka, TK04 Tokai 4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCRV Puerto La Cruz, PCRV San Juan, etc.

ISC 02 06:18:54.7, 0.5, 13.86N, 60.36W, h0km, mb4.3/22, mb1.4, 5/24, mb1mx4.4/29, mbmp4.3/24, MS3.8/15, Ms1.3, 8/15, ms1mx3.8/21, Error ellipse: s-maj=14.2km s-min=10.7km az=76.0

TRN 02 06:18:56.4, 13.87N, 60.44W, h14km, MD4.7, M4.5(FDF)



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like D14A Greenough, PLCA Paso Flores, A15A Johnson Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BLSI Bandar Lampung, KLI Kotabumi, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HHC comp=N,540nm,0.6s, HHC Baotou, BTO comp=N,11m,0.6s, etc.

NEIC 02 06:22:55.5, 13:32N-60:41W, h23km, MD2.9(TRN), After TRN.

TRN 02 06:22:54.3, 13:33N-60:44W, h14km, MD2.9,M3.6(FDF), 2C-3D, Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MCLT Moule a Chique, MCLT Moule a Chique, MCLT Moule a Chique, etc.

NEIC 02 06:56:17.8, 13:81N-60:67W, h25km, MD3.6(TRN), After TRN.

TRN 02 06:56:17.4, 13:81N-60:66W, h23km, MD3.6,M3.4(FDF), Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MCLT Moule a Chique, MCLT Moule a Chique, MCLT Moule a Chique, etc.

BUI 02 07:21:22.4, 7:19Sx156:10E, h107km, mB4.8/3, mb4.8/5, IDC 02 07:21:24.2, 8:2, 8:7, 0:1S, 155:78E, h92km, 28km, mb4.1/14, mb1 4.2/16, mb1mx4.2/19, mbmp4.1/16, MS3.7/9, Ms1 3.7/9, ms1mx3.4/24, Error ellipse: s-maj=19.0km s-min=14.5km az=115.0

ISCJB 02 07:21:22.7, 7:1, 7:06S:0:08, 155:85E:0:05, h118km, 13km, mb4.4/22, Error ellipse: s-maj=12.7km s-min=9.0km az=179.4

NEIC 02 07:21:25.2, 1.2, 7:04S: 155:91E, h101km, 11km, mb4.8/12, Error ellipse: s-maj=10.8km s-min=9.4km az=120.0

ISC 02 07:21:27.9, 1.2, 7:08S:0:07, 155:85E:0:05, h124km, 11km, n46, e1909, ad4.4/22, 1C, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, PMG Fort Moresby, PMG Coen, COEN Charters Tower, CTA Charters Tower, etc.

ISCJB 02 06:21:31.2, 1.1, 6:48S:0:06, 103:61E:0:07, h43km, 11km, mb3.9/8, Error ellipse: s-maj=13.6km s-min=7.4km az=145.8

DJA 02 06:21:32.6: 4:05S: 103:71E, h17km, Mlv4.2/14, IDC 02 06:21:34.0: 6:0, 8:6, 0:9S: 104:05E, h43km, 6km, mb3.6/7, mb1 3.7/7, mb1mx3.6/17, mbmp3.6/7, Error ellipse: s-maj=34.7km s-min=13.8km az=62.0

ISC 02 06:21:32.8: 1.1, 6:44S:0:06, 103:62E:0:08, h42km, 11km, h45km, 1.4km, p-P, n28, e1902/29, mb3.9/8, Southwest of Sumatara

BUI 02 07:06:11.9, 39:40N-112:91E, h19km, ML3.7/10, Northeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HHC Hu-ho-hao-te.

ISCJB 02 07:21:22.4, 7:19Sx156:10E, h107km, mB4.8/3, mb4.8/5, IDC 02 07:21:24.2, 8:2, 8:7, 0:1S, 155:78E, h92km, 28km, mb4.1/14, mb1 4.2/16, mb1mx4.2/19, mbmp4.1/16, MS3.7/9, Ms1 3.7/9, ms1mx3.4/24, Error ellipse: s-maj=19.0km s-min=14.5km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, PMG Fort Moresby, PMG Coen, etc.





TKM2	TKM2	Tokmak 2	47.97 294	eP	P	08 25 30.5 +0.5
TKM2		comp=Z,1.1nm,0.8s,mb4.7		pmax	pmax	
TKM2		Tokmak 2	47.97 294	eP	P	08 25 30.5 +0.6
TKM2		comp=Z,1.1nm,0.8s,mb4.7		pmax	pmax	
KKN	KKN	Kakani	48.31 271	eP	P	08 25 32.6 -0.3
PKI	PKI	Pulchoki	48.34 271	eP	P	08 25 33.0 -0.1
ZRNK	ZRNK	Zerenda	48.41 309	iP	P	08 25 32.5 -0.7
ZRNK		comp=Z,10.0nm,1.1s,mb4.6		pmax	pmax	
DMN	DMN	Daman	48.54 271	eP	P	08 25 34.9 +0.3
GKN	GKN	Gorkha	48.67 272	eP	P	08 25 35.3 -0.3
GKN		comp=Z,17nm,0.7s,mb5.0		pmax	pmax	
AAK	AAK	Ala-Archa	48.82 294	d/P	P	08 25 36.1 -0.5
INK	INK	Inuvik	48.86 29	eP	P	08 25 37.0 +0.5
INK		comp=Z,2.4nm,0.5s,mb4.4,baz=346,slow=3.6,SNR=29		pmax	pmax	
INK	INK	Inuvik	48.86 29	eP	P	08 25 37.0 +0.5
INK		comp=Z,2.0nm,0.5s		pmax	pmax	
INK	INK	Inuvik	48.86 29	eP	P	08 25 37.8 +1.3
INK		comp=Z,30nm,2.3s,mb4.8		pmax	pmax	
DANN	DANN	Dangsing	49.12 273	eP	P	08 25 39.7 +0.7
DANN		comp=Z,1.2nm,0.7s,mb4.9		pmax	pmax	
HYT	HYT	Haines Junction	49.17 40	eP	P	08 25 40.3 +1.4
KOLN	KOLN	Koldanda	49.56 273	eP	P	08 25 42.4 0.0
KOLN		comp=Z,1.6nm,0.8s,mb5.0		pmax	pmax	
KKAR	KKAR	Karatay Array	51.27 297	eP	P	08 25 54.3 -0.7
KKAR		comp=Z,3.0nm,0.6s,mb4.5		pmax	pmax	
KKAR	KKAR	Karatay Array	51.27 297	eP	P	08 25 54.2 -0.8
KKAR		comp=Z,2.7nm,0.6s,mb4.5		pmax	pmax	
ARU	ARU	Arti	52.81 316	d/P	P	08 26 05.7 -0.6
ARU		comp=Z,2.7nm,0.6s,mb4.5		pmax	pmax	
ARU	ARU	Arti	52.81 316	d/P	P	08 26 05.7 -0.6
ARU		comp=Z,2.7nm,0.6s,mb4.5		pmax	pmax	
ARU	ARU	Arti	52.81 316	d/P	P	08 26 05.7 -0.6
ARU		comp=Z,2.7nm,0.6s,mb4.5		pmax	pmax	
AB31	AB31	Akbulak array	55.11 308	iP	P	08 26 22.6 -0.5
AB31		comp=Z,8.0nm,1.0s,mb4.7		pmax	pmax	
AB31	AB31	Akbulak array	55.11 308	iP	P	08 26 22.6 -0.5
AB31		comp=Z,8.0nm,1.0s,mb4.7		pmax	pmax	
ABKAR	ABKAR	Akbulak array	55.11 308	eP	P	08 26 22.8 -0.3
ABKAR		comp=Z,5.9nm,0.7s,mb4.7		pmax	pmax	
AKTO	AKTO	Aktyubinsk	55.68 310	iP	P	08 26 26.4 -0.8
AKTO		comp=Z,1.0nm,1.1s,mb3.8		pmax	pmax	
YKA	YKA	Yellowknife Ar	58.38 32	eP	P	08 26 45.4 -0.7
YKA		comp=Z,1.2nm,0.8s,mb4.9,slow=303,SNR=11		pmax	pmax	
JCW	JCW	Jim Creek	62.82 48	eP	P	08 27 17.0 +0.6
RPW	RPW	Rockport	62.90 48	eP	P	08 27 17.4 +0.4
F04A	F04A	Amboy	63.84 51	iP	P	08 27 22.1 -1.1
F04A		comp=Z,1.0nm,1.1s,mb3.8		pmax	pmax	
OBN	OBN	Obninsk	64.13 322	eP	P	08 27 22.7 -2.2
OBN		comp=Z,9.0nm,1.0s,mb4.5		pmax	pmax	
FINES	FINES	FINES Array B	64.22 332	P	P	08 27 24.2 -1.2
FINES		comp=Z,3.1nm,0.6s,mb4.3,baz=54,slow=9.7,SNR=6.5		pmax	pmax	
H04A	H04A	Detroit Lake	64.69 52	iP	P	08 27 28.6 -0.2
H04A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
D08A	D08A	Wollman Farm,	65.14 48	iP	P	08 27 31.8 +0.2
D08A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
HAWA	HAWA	Hamford	65.19 49	eP	P	08 27 32.2 +0.2
HAWA		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
G06A	G06A	Carlson Farm,	65.26 51	iP	P	08 27 32.0 -0.4
G06A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
NEW	NEW	Newport	65.38 46	iP	P	08 27 33.1 -0.1
NEW		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
NEW	NEW	Newport	65.38 46	eP	P	08 27 33.0 -0.2
NEW		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
NEW	NEW	Newport	65.38 46	eP	P	08 27 33.0 -0.2
NEW		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
E09A	E09A	Wood Farm, Sta	65.89 48	iP	P	08 27 36.7 +0.2
E09A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
C11A	C11A	Tepee Creek (N	66.10 46	iP	P	08 27 38.3 +0.5
C11A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
G08A	G08A	Pilot Rock	66.17 50	iP	P	08 27 38.9 +0.5
G08A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
I07A	I07A	Ize	66.60 51	iP	P	08 27 41.3 +0.3
I07A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
ASAR	ASAR	Alice Springs	66.61 189	P	P	08 27 40.6 -0.5
ASAR		comp=Z,0.7nm,0.8s,mb3.6,baz=4.0,slow=5.9,SNR=7.2		pmax	pmax	
K05A	K05A	Summer Lake	66.61 53	iP	P	08 27 42.3 +1.2
K05A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
B13A	B13A	Whitefish	66.72 45	iP	P	08 27 41.8 +0.1
B13A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A14A	A14A	Double T Ranch	66.88 44	iP	P	08 27 42.4 -0.3
A14A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
C13A	C13A	Hot Springs	67.09 46	iP	P	08 27 44.3 +0.2
C13A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
B14A	B14A	Marquette Ranc	67.34 45	iP	P	08 27 44.7 -1.0
B14A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
E12A	E12A	Beaver Dam Sad	67.35 47	iP	P	08 27 45.9 +0.1
E12A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
SWMT	SWMT	Swartz Lake	67.50 46	eP	P	08 27 47.2 +0.5
SWMT		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
B15A	B15A	Huson	67.52 46	iP	P	08 27 46.7 -0.2
B15A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A16A	A16A	Bradley Ranch,	67.74 44	iP	P	08 27 48.2 0.0
A16A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A16A	A16A	West Butte Ran	67.82 43	iP	P	08 27 48.0 -0.6
A16A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
SLMT	SLMT	Seeley Lake	67.94 46	eP	P	08 27 49.7 +0.3
SLMT		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
KIV	KIV	Kislodovsk	67.94 310	d/P	P	08 27 50.3 +0.8
KIV		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
KIV	KIV	Kislodovsk	67.94 310	d/P	P	08 28 16.7 +3.9
KIV		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
ZEI	ZEI	Tsey	67.98 308	eP	P	08 27 48.0 -1.8
ZEI		comp=Z,6.0nm,0.4s,mb4.8		pmax	pmax	
D14A	D14A	Greenough	68.03 46	iP	P	08 27 48.9 -1.2
D14A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
C15A	C15A	Salmound Ranch,	68.06 45	iP	P	08 27 50.4 +0.2
C15A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
B16A	B16A	M & M Farms, S	68.11 44	iP	P	08 27 50.4 -0.1
B16A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
TBLG	TBLG	Dellisi	68.14 307	P	P	08 27 50.6 -0.2
TBLG		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A17A	A17A	Triple J Farms	68.28 43	iP	P	08 27 51.1 -0.4
A17A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
C16A	C16A	Fuhringer Ranc	68.49 44	iP	P	08 27 52.4 -0.4
C16A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A18A	A18A	Metzger Ranch,	68.72 42	iP	P	08 27 54.0 -0.3
A18A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
E15A	E15A	Deer Lodge	68.91 46	iP	P	08 27 55.1 -0.5
E15A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
B18A	B18A	Beardsley Farm	69.10 43	iP	P	08 27 56.1 -0.5
B18A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
C17A	C17A	Wharram Farm,	69.10 44	iP	P	08 27 56.2 -0.4
C17A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
HRY	HRY	Holter Researc	69.15 45	eP	P	08 27 57.4 +0.4
HRY		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
H13A	H13A	Challis	69.24 48	iP	P	08 27 57.7 +0.1
H13A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
I12A	I12A	Atlanta	69.25 49	iP	P	08 27 57.4 -0.2
I12A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
A19A	A19A	Klindworth Far	69.26 42	iP	P	08 27 57.8 +0.2
A19A		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
NB2	NB2	NORSAR Subarra	69.28 337	P	P	08 27 56.4 -1.2
NB2		comp=Z,2.5nm,0.8s,mb4.1,baz=37,slow=6.2		pmax	pmax	
NOA	NOA	NORSAR Array B	69.28 337	P	P	08 27 56.5 -1.1
NOA		comp=Z,2.5nm,0.8s,mb4.3,baz=36,slow=6.1,SNR=9.8		pmax	pmax	
EGMT	EGMT	Eagleton	69.36 43	iP	P	08 27 58.2 -0.1
EGMT		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
EGMT	EGMT	Eagleton	69.36 43	eP	P	08 27 58.5 +0.2
EGMT		comp=Z,2.8nm,0.8s,mb4.3		pmax	pmax	
DLMT	DLMT	Dillon	69.62 47	eP	P	08 28 00.4 +0.4
DLMT		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
HLID	HLID	Hailey	69.80 49	iP	P	08 28 01.2 +0.2
HLID		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
G15A	G15A	Hailey	69.81 47	iP	P	08 28 01.8 +0.7
G15A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
E17A	E17A	Martinsdale	69.82 45	iP	P	08 28 01.5 +0.3
E17A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
C19A	C19A	Slack Wire Ran	69.90 43	iP	P	08 28 01.8 +0.2
C19A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
BOZ	BOZ	Bozeman (W)	69.95 46	iP	P	08 28 02.6 +0.6
BOZ		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
BOZ	BOZ	Bozeman (W)	69.95 46	eP	P	08 28 02.8 +0.8
BOZ		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
BOZ	BOZ	Bozeman (W)	69.95 46	eP	P	08 28 02.8 +0.9
BOZ		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
J13A	J13A	Cove Ranch, Pi	70.04 49	iP	P	08 28 03.1 +0.6
J13A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
F17A	F17A	Fitzpatrick Pl	70.29 45	iP	P	08 28 04.5 +0.5
F17A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
D19A	D19A	Cripps Ranch,	70.37 43	iP	P	08 28 03.8 -0.7
D19A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	

C20A	C20A	Veseth Ranch,	70.44 43	iP	P	08 28 04.7 -0.1
C20A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
F18A	F18A	Big Timber	70.78 45	iP	P	08 28 07.4 +0.4
F18A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
D20A	D20A	Manuel Ranch,	70.79 43	iP	P	08 28 07.8 +0.8
D20A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
NVAR	NVAR	Mina Array Bea	70.83 55	P	P	08 28 07.9 +0.5
NVAR		comp=Z,1.0nm,0.6s,mb3.8,baz=298,slow=6.3,SNR=9.2		pmax	pmax	
E19A	E19A	Rath Farm, Roo	70.89 44	iP	P	08 28 07.7 +0.1
E19A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
I16A	I16A	Newdale	71.20 47	iP	P	08 28 10.0 +0.5
I16A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
J16A	J16A	Bone	71.53 48	iP	P	08 28 12.5 +0.9
J16A		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
RR12	RR12	Red Ridge	71.64 48	eP	P	08 28 12.9 +0.7
RR12		comp=Z,4.2nm,1.0s,mb4.2		pmax	pmax	
MOOV	MOOV	Moose Ponds	71.68 47	eP	P	08 28 13.7 +1.2
MOOV		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
FURC	FURC	Furnace Creek,	72.97 56	iP	P	08 28 20.2 -0.1
FURC		comp=Z,3.5nm,1.1s,mb4.1		pmax	pmax	
BW06	BW06	Boulder Array	72.98 47	eP	P	08 28 20.1 -0.2
BW06		comp=Z,1.7nm,0.7s,mb4.0		pmax	pmax	
PDAR	PDAR	Pinedale Array	72.98 47	P	P	08 28 19.9 -0.3
PDAR		comp=Z,1.2nm,0.6s,mb3.9,baz=280,slow=1.7,SNR=12		pmax	pmax	











Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, AAK Ala-Archa, YKA Yellowknife Arr, etc.

ISC/JB 02 11:00:03.5:0.3, 8:45S:0.03x120.44E:0.02, h212km, 3km, mb5.0/90, Error ellipse: s-maj=4.9km s-min=3.7km az=14.8

NEIC 02 11:00:03.1:1.8:28S:120.57E, h190km, 11km, mb5.1/22, Error ellipse: s-maj=10.9km s-min=5.3km az=51.0

DJA 02 11:00:04.8:59S:120.51E, h198km, MWS, 3.42, MOS 02 11:00:04.0:1.1:8:14S:120.63E, h213km, mb5.0/24, Error ellipse: s-maj=16.4km s-min=7.6km az=121.8

IDC 02 11:00:04.5:1.0, 8:29S:120.60E, h203km, 8km, mb4.6/15, mb1.4/6/17, mb1mx4.6/21, mbtmp4.6/17, MS2.9/1, Mb1.2.9/1, ms1mx2.3/29, Error ellipse: s-maj=14.0km s-min=6.5km az=58.0

ISC 02 11:00:04.2:0.3, 8:46S:0.03x120.45E:0.02, h203km, 3km, h199km, 3.5km: p-P, n303, r125/251, mb5.0/90, 38C-32D, Flores region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like WSI Waingapu, MMR1 Maumere, BKSI Bulukumba, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like KAKA Kakadu, CISI Cisempet, MBWA Maribau, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like HNR Honiara, WHN Wuhan, ENSH Enshi, etc.













Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Rows include stations like CHIANG MAI, CHIANG MAI, PSI PRAPAT, AKTYUBINSK, MAKANCHI ARRAY, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Rows include stations like SAINT SAULGE, SAINT SAULGE, AVF AVRIL SUR LOIR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Rows include stations like MAKANCHI ARRAY, BOROVYEO ARRAY, etc.



Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h m s	ISC
WHF	baz=348			eS		Sn	15 52 08.7	-1.4
NACB	baz=348	1.18	3	eP		Pn	15 51 53.5	-1.6
ENL	Ninganchiao Hengchun baz=216	1.22	217	eP		Pn	15 51 55.6	+0.1
HEN	baz=216			eS		Sn	15 52 10.4	-0.7
TSEB	Hengchuen, Pin baz=210	1.22	208	P		Pn	15 51 55.7	+0.1
TSEB				S		Sn	15 52 11.5	+0.2
TWK1	baz=210	1.23	213	P		Pn	15 51 55.4	-0.3
TWK1	baz=212			eS		Sn	15 52 10.3	-1.1
SCLT	Jiali baz=279	1.23	279	eS		Sn	15 52 13.0	+1.5
TWP	Hsialiuichiu baz=239	1.24	239	eP		Pn	15 51 57.6	+1.7
TWP				eS		Sn	15 52 12.8	+1.0
TWT	baz=239	1.30	346	eP		Pn	15 51 56.6	0.0
TWT	Tachien baz=345			eS		Sn	15 52 11.9	-1.2
TCU	baz=345	1.39	326	eP		Pn	15 51 58.9	+1.0
TCU	Taichung baz=326			eS		Sn	15 52 16.4	+1.0
WTCT	baz=326	1.43	308	eP		Pn	15 51 58.5	0.0
WTCT	Ta-ch'eng baz=308			eS		Sn	15 52 16.3	-0.2
WTCT	baz=308	1.45	8	eP		Pn	15 51 57.8	-0.9
ENA	Nanau baz=8.0			eS		Sn	15 52 16.6	-0.2
ENA				eS		Sn	15 52 16.6	-0.2
TWQ1	baz=8.0	1.52	333	eP		Pn	15 52 00.8	+1.2
TWQ1	Liyutan baz=333			eS		Sn	15 52 20.3	+1.7
TWQ1	baz=333	1.58	334	eP		Pn	15 52 02.1	+1.6
NSY	Sanyi baz=334			eS		Sn	15 52 21.8	+1.7
NSY		1.64	11	eP		Pn	15 52 01.6	+0.2
TWC	Suao baz=10.0			eS		Sn	15 52 21.9	+0.3
TWC		1.65	2	eP		Pn	15 52 00.8	-0.6
ENTT	Nioudou baz=1.0			eS		Sn	15 52 19.6	-2.1
ENTT		1.68	356	eP		Pn	15 52 01.8	-0.1
YHNB	Yeheng baz=355			eP		Pn	15 52 02.3	+0.3
NSK	Sanguang baz=355			eP		Pn	15 52 21.5	-1.3
NSK		1.70	344	eP		Pn	15 52 02.9	+0.7
NSST	Nanjiang baz=344			eS		Sn	15 52 23.4	+0.3
NSST		1.73	4	eP		Pn	15 52 01.8	-0.8
TWE	Neicheng baz=4.0			eS		Sn	15 52 23.2	-0.6
TWE		1.90	288	eP		Pn	15 52 04.4	-0.5
PNG	Penghu baz=288			eS		Sn	15 52 25.6	-2.3
PNG		2.01	43	P		Pn	15 52 07.3	+0.9
YOJ	Yonaguni jima baz=12	2.06	12	eP		Pn	15 52 08.1	+1.0
TWB1	Santiao Chiao baz=12			eS		Sn	15 52 31.3	-0.6
TWB1		2.09	7	eP		Pn	15 52 07.8	+0.4
NWF	Wu-fen Shan baz=6.0			eS		Sn	15 52 33.2	+0.5
NWF		2.10	358	eP		Pn	15 52 08.7	+1.0
TWS1	Kuangyinshan baz=35	2.35	63	P		Pn	15 52 11.7	+0.6
HATJ	Hateruma jima baz=35	2.43	56	P		Pn	15 52 12.9	+0.7
HATJ		2.40	61	P		Pn	15 52 15.5	+0.9
IRIF	Iriomote-Funau baz=12	2.60	61	P		Pn	15 52 45.2	-0.1
IRIF		2.77	60	P		Pn	15 52 17.2	+0.4
JKRS	Kuro-shima baz=12	2.77	60	P		Pn	15 52 48.4	-1.0
JKRS		3.17	297	eP		Pn	15 52 23.0	+0.7
KNM	Kinmen baz=295			eS		Sn	15 52 57.8	-1.4
KNM		3.31	307	eP		Pn	15 52 22.1	-2.2
QZH	Quanzhou baz=218	3.35	60	P		Pn	15 52 25.2	+0.4
QZH				eS		Sn	15 53 03.4	-0.3
JTJ	Tarama baz=295			eS		Sn	15 53 03.4	-0.3
JTJ				eS		Sn	15 53 03.4	-0.3

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h m s	ISC
TWMI	Shoushan baz=265	0.88	268	P		Pb	16 32 09.3	+0.9
CHN3	Shinhua baz=262	0.96	284	eP		Pb	16 32 10.9	+1.2
ESL	Shilin baz=8.0	0.96	3	eP		Pb	16 32 07.2	-2.5
CHN5	Tsauling baz=321	0.98	319	iP		Pb	16 32 09.8	-0.3
CHN5				eS		Sb	16 32 22.2	-0.5
HEN	Hengchun baz=199	1.03	215	eS		Sb	16 32 24.6	+0.4
TSEB	Hengchuen, Pin baz=192	1.05	205	eS		Sb	16 32 24.8	+0.1
TWK1	Hengchun baz=195	1.05	210	eP		Pb	16 32 10.5	-0.8
CHY	Chiayi baz=307	1.08	306	P		Pb	16 32 12.3	+0.4
CHY				S		Sb	16 32 26.9	+1.1
SMLT	Sun Moon Lake baz=349	1.11	337	P		Pn	16 32 12.4	0.0
WGK	Gukung baz=319	1.11	318	eP		Pn	16 32 11.9	-0.6
WGK				eS		Sb	16 32 27.5	+0.8
TYC	Yuchr baz=349	1.15	336	P		Pn	16 32 13.0	0.0
TYC				iS		Sb	16 32 28.3	+0.7
WHF	Heliuan Shan baz=8.0	1.29	356	P		Pn	16 32 13.8	-1.0
TWT	Tachien baz=354	1.40	353	eP		Pn	16 32 16.2	-0.3
TWQ1	Liyutan baz=340	1.59	340	P		Pn	16 32 20.0	+1.0
TWQ1		1.65	340	eP		Sn	16 32 40.0	+0.9
NSY	Sanyi baz=341	1.65	340	eP		Sn	16 32 21.1	+1.2
NSY				S		Pn	16 32 43.0	+2.2
ENTT	Nioudou baz=17	1.79	6	eP		Pn	16 32 21.1	-0.7
NSST	Nanjiang baz=349	1.80	349	eP		Pn	16 32 23.2	+1.3
NSST				eS		Sb	16 32 44.6	+0.2
NSK	Sanguang baz=14	1.81	360	eP		Pn	16 32 23.0	+0.9
NSK				eS		Sn	16 32 45.0	+0.3
PNG	Penghu baz=279	1.82	293	eP		Pn	16 32 21.1	-1.1
YOJ	Yonaguni jima baz=12	2.19	43	eS		Sn	16 32 55.3	+1.2
HATJ	Hateruma jima baz=12	2.53	61	eS		Sn	16 33 01.4	-1.1
IRIF	Iriomote-Funau baz=12	2.62	55	P		Pn	16 32 37.3	+0.6
IRIF		2.78	60	P		Pn	16 33 04.3	+0.2
JKRS	Kuro-shima baz=12	2.78	60	P		Pn	16 32 35.8	+0.4
JKRS		2.95	59	P		Pn	16 33 08.0	-0.6
JIJ	Ishigaki jima baz=12	2.95	59	P		Pn	16 32 38.3	+0.6
JIJ		3.53	59	P		Pn	16 33 12.0	-0.8
JTJ	Tarama baz=295	3.53	59	P		Pn	16 32 46.0	+0.3
JTJ				eS		Sn	16 33 26.5	-0.6

CASC 02 16:44:28.8±2.2, 12:53N-87.86W, h35km±8km, MD4.0, ML3.9, 1C, Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h m s	ISC
CNCH	Conchagua	0.74	2	eP		Pn	16 44 43.3	+0.6
CNCH				eS		Sn	16 44 54.3	+1.3
LEON	Leon	0.95	97	eP		Pn	16 44 45.3	-0.4
BLLM	Bellamira	0.97	338	eP		Pn	16 44 46.0	0.0
VSM	San Miguel	0.98	336	eP		Pn	16 44 46.2	+0.2
VSM				eP		Pn	16 44 46.3	
VSM				eS		Sn	16 44 57.2	+1.1
TELN	Telica	1.01	86	eP		Pn	16 44 47.2	+0.7
CNGN	Cerro Negro	1.14	92	eP		Pn	16 44 48.0	-0.2
CNGN				eS		Sn	16 45 02.9	+0.4
CNGN				AML		AML	16 45 07.4	
CAHU	Caacucatiq	1.28	344	eP		Pn	16 44 50.4	+0.2
CAHU				eS		Pn	16 45 08.0	+2.0
COPN	Copaltep	1.29	106	eP		Pn	16 44 49.9	-0.4
COPN				eS		Pn	16 45 05.9	-0.4
MOMM	Momotombo	1.29	95	eP		Pn	16 44 50.8	+0.4
CSAN	San Andres	1.45	104	eP		Pn	16 44 52.8	+0.3
XAVN	Gruta Xavier	1.55	104	eP		Pn	16 44 55.5	0.0
TISN	Laguna Tiscapa	1.50	104	eP		Pn	16 44 54.5	-0.1
TGUH	Teguigalpa, Un	1.62	211	eP		Pn	16 44 55.6	+0.7
TGUH				eS		Pn	16 44 55.6	+0.7
CRUN	El Crucero	1.62	110	eP		Pn	16 44 55.5	+0.6
MGAN	Managua	1.66	97	eP		Pn	16 44 54.3	+0.3
HUEN	Huencamen	1.66	97	eP		Pn	16 44 55.2	-0.2
TICN	Ticuantep	1.67	107	eP		Pn	16 44 55.4	-0.1
BOQS	Boqueron	1.83	311	eP		Pn	16 44 57.7	0.0
BOQS				eS		Pn	16 45 05.8	+1.1
SSN	San Juan del S	2.31	122	eP		Pn	16 45 03.1	-1.0
SSN				eS		Pn	16 45 07.2	-1.0
CONN	Concepcion	2.39	114	eP		Pn	16 45 05.8	+0.3
JCR	Jicaral	2.73	134	eP		Pn	16 45 24.8	0.0
CGAZ	Cerro Gallo 2	4.17	127	eP		Pn	16 45 32.4	+2.5
PRSI	Puriscal	4.31	126	eP		Pn	16 45 35.3	+3.5
URASO	Uraso	4.82	123	eP		Pn	16 45 42.5	+3.9
BUS	Buena Vista	5.00	126	eP		Pn	16 45 44.1	+2.8

ISCJB 02 16:47:24.8±0.7, 7.24N±0.06±125.63E±0.05, h55km±6km, mb3.7/4, Error ellipse: s-maj=11.7km s-min=6.9km az=33.6

MAN 02 16:47:25.7±27N±125.59E, h31km, mb4.8, ML3.8, MS3.8  
 IDC 02 16:48:01.9±1.6, 2.78N±127.03E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/19, mbtmp3.6/5, Error ellipse: s-maj=98.2km s-min=25.4km az=69.0

ISC 02 16:47:25.6±0.6, 7.27N±125.63E±0.05, h45km±7km, n13, ±182/18, mb3.7/4, 3C-1D, Mindanao

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h m s	ISC
DMPH	Davao City-Mi	0.22	214	eP		Pn	16 47 32.7	-1.0
DMPH				eS		Pn	16 47 38.2	-1.1
KCP	Kidapawan	0.60	244	iP		Pn	16 47 40.2	+1.3
KCP				eS		Pn	16 47 48.2	+1.6
MATI	Mati	0.70	117	eP		Pn	16 47 40.6	+1.4
MATI				eS		Pn	16 47 49.3	+0.4
BUPK	Musuan	0.83	317	eP		Pn	16 47 40.6	-0.3
BUPK				eS		Pn	16 47 49.1	-2.9
GSFH	General Santos	1.36	210	iP		Pn	16 47 46.3	+1.9
CTBH	Cotabato-PC H	1.38	268	iP		Pn	16 47 48.2	-0.2
CTBH				iS		Pn	16 48 05.5	+0.1
CGP	Cagayan de Oro	1.50	322	eP		Pn	16 47 50.6	+0.5
CGP				iS		Pn	16 48 07.7	+0.2
PAGZ	Pagadian	2.30	285	eP		Pn	16 48 02.5	+1.3
PAGZ				eS		Pn	16 48 07.3	+1.9
FITZ	Fitzroy Crossi	25.21	180	P		P	16 52 45.5	-1.8
WRA	Warramunga Arr	28.37	163	P		P	16 53 15.3	-0.4
WRA		0.9m, 0.5s, mb3.6, baz=8.4, slow=9.5, SNR=8.5						
ASAR	Allice Springs	31.79	165	P		P	16 53 46.1	+0.2
ASAR		0.5m, 0.6s, mb3.5, baz=345, slow=7.1, SNR=11						
ASAR		0.2m, 0.5s, baz=355, slow=1.7, SNR=6.6						
STKA	Stephens Creek	41.80	159	P		P	16 55 14.8	+3.8
STKA		1.1m, 0.6s, mb3.7, baz=336, slow=10.0, SNR=2.9						

MAN 02 17:11:28.10.14N:126.24E,h0km,mb4.8,ML3.7,MS3.7,  
ID,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include SCPL Surigao, SCPH Surigao, MSPL Maasin, MSLP Musuan, CNP Catarman.

KISR 02 17:14:16.6.0.3,31.83N:46.60E,h34km,ML2.6  
TEH 02 17:14:16.8,32.15N:47.45E,h9km,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include IKOM Komasi, MIB Mutibah, IDHR Dehrash, ILIN Lien, NAY Al-Naaeim, IRAZ Razeghan, IZEF Zefreh.

CASC 02 17:14:20.8:1.7,12.54N:87.88W,h54km,42km,MD3.6,  
ML3.1,1C,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CNCH Conchagua, BLLM Bellamira, VSM San Miguel, CAHU Cacacuatie, COPN Copaltepe, MOMM Momotombo, SNVI San Vicente, CSAN CSAN, BOQS Boqueron.

IDC 02 17:20:56.7.0.4,2.98N:75.93W,h0km,mb4.4/19,  
mb1.4,6/23,mb1mx4.6/26,mbtp4.5/23,ML4.0/4,MS3.9/21,  
Ms1.3/9/21,ms1mx3.8/33,Error ellipse: s-maj=14.6km  
s-min=11.0km az=82.0

IS/CJB 02 17:20:58.0.1.6,2.93N:0.03:75.95W:0.03,h15km,11km,  
mb4.9/157,MS4.0/26,Error ellipse: s-maj=5.8km  
s-min=4.2km az=28.2

BUI 02 17:21:00.2,3.00N:76.00W,h23km,mb5.1/11,Ms7.4/12,  
NEIC 02 17:21:00.3,1.7,2.95N:75.98W,h23km,11km,mb4.9/128,  
MS4.1/5,Error ellipse: s-maj=6.4km s-min=4.9km az=46.0  
SZGRF 02 17:21:13.0,3.38N:73.55W,h33km,mb5.3,MS4.1,  
Colombia

ISC 02 17:21:00.7-1.6,2.92N:0.03:75.91W:0.03,h21km,11km,  
h466,r107/419,mb4.9/158,MS4.0/26,96C-76D,  
Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include ROSC El Rosal, ROSC El Rosal, ROSC Otavalo, ROSC Santa Domingo, SDV Atahualpa, JTS JuntasAbangare, PNCV Puerto La Cruz, NNA Nana, MTJD Mount Denham, TGUH Tegucigalpa, LPZAZ La Paz, TEIG Tepich, CMIG Matias Romero, SIV San Ignacio, GOGA Lakeview, VBMS Vicksburg, CPUP Villa Florida, CPUP Blacksburg, WVT Waverly, CFAA Coronel Fontan, CFAA Mount Ida, JACT Junction City, MCWV Mont Chateau.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include 628A Black Gap, 627A Terlingua Ranc, TXAR Lajas Array, TXAR Kincaid Ranch, SSPA Standing Stone, 626A Big Bend Ranch, CCM Cathedral Cave, 527A Wordward Ranch, PAL Palisades, 526A Mary Lane Ranch, 427A Hayter Ranch, WMOK Witches Mount, 426A McDonald Obser, 326A Caldwell Ranch, ALLY Alegheny Cole, 425A Indio Mountain, BINY Binghamton, 226A Malaga, LOVING, QUAZ Belchertown, 325A Bean Ranch, GDLZ Guadalupe Moun, Z27A Tatum, TRY Troy, 324A Moseley Ranch, MSTX Muleshoe, MNTX Cornudas Mount, MNTX Cornudas Mount, Z26A Capow, 224A Cornudas Mount, ACCA Adirondack Com, Z25A Roswell, 124A Stringfield Ra, KSUI Kansas State U, HNH Hanover, RCBR Riachuelo, Y25A Mesa, NCB Newcomb, Z24A Sheeppan Cayo, Z23A Bell Site, 122A Williams Farm, X25A Clemmons Ranch, LBNH Liban, Y23A Capitan, Z22A Rita Site, LONY Lake Ozonia, W25A X Bar L Ranch, 221A Mesquite Ranch, Y23A Lovelace Mesa, 320A Kipp Ranch, X24A Lazy YL Ranch, FRNY Flat Rock, J2FWS Jewell Farm, 1221A Elephant Butte, 220A Peaks-Kenny Pk, Y25A Rancho No Teng, BNM Barro Colorado, 319A Douglas, Y22A Socorro, LPM Los Pinos Moun, U25A Circle Dot Ranch, 120A Rampart Ranch, PKME Peaks-Kenny Pk, 219A White Tail Can, ANMO Albuquerque, LAZ Lador, TRQA Torunquet, Y21A Point of Rocks, 318A Bisbee, Z20A Nine Sixteen R, X21A Alamocita Cree, 218A Robert Cordova, Y20A Horse Springs, S25A Robots Cordova, U23A El Rito, W21A San Fidel, 118A Homack Ranch, Y22A San Miguel Ran, 217A Green Valley, X20A Quemado, PLCA Pas Flores.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include PLCA Paso Flores, U22A Lajas Array, TUC Tucson, 117A Oracle, SDCO Great Sand Dun, SDCO Great Sand Dun, W20A Ramah, X19A St. Johns, 216A Tree Points, COWI Conover, ECSD EROS Data Cent, W19A Sanders, 116A Eloy, S22A 4UR Ranch, U20A Newcomb, R22A Saguache, 115A Sonoran Desert, 214A Organ Pipe Nat, Y16A Circle Bar Ran, S21A Coso Bank Pass, MVCO Mesa Verde, T19A Decalbio, ISCO Idaho Springs, X16A Lo Mita Camp, S20A Disappointment, SMCO Snowmass, Y15A Casa Rosa Ran, R20A Redvale, PV01 Paradox Valley, X15A Humboldt, S19A Harvey Farm, WUAZ Wupatki, WUAZ Wupatki, T18A Mexican Hat, Y22A Kremmling, Y14A Wickenburg, M24A Cheyenne, U16A Tub City, R19A Curley Farm, X14A Yava, S18A Hurst Farm, EYMN Ely, V15A Kaibab Nationa, Q18A Hogan Spring, R19A Canyonlands Na, W14A Seligman, L23A Garrett, P19A Cripple Cowboy, U15A North Rim, V14A Boquillas Ranc, R17A Hanksville Air, Q18A Rafter H Ranch, SRU San Rafael, SRU San Rafael, R16A Teasdale, BC3 Big Chucokawall, IRM Iron Mountain, RSSD Black Hills, P18A Preston Nutter, MONP Monument Peak, AGMN Agassiz Nation, U13A Pakoon Wash, M17A Marysvalle, BELC Belle Mtn. Jos, S13A Holt Ranch, J21A Lysite, M18A Lyman, DAU Daniels Canyon, SHPR Sheep Range, J20A Shoshoni, R13A O'Grain Ranch, Q14A Sever Lake, M17A Scullys Gap, P14A Drum Mountains, PDAR Pinetops Array, PDAR Pinetops Array, BW06 Boulder Array, J19A Crowheart, I20A Worldan, Q12A Wheeler Ranch, R13A Pony Springs, DUG Dugway, DUG Dugway.

K18A	Toltan Ranch, baz=50	49.90 327	↑P	P	17 29 53.0 +0.2
HWUT	Hardware Ranch 11nm, 1.0s, mb4.8	50.06 325	eP	P	17 29 52.3 -1.7
EDW2	Edward Air Fo baz=50	50.34 314	↓P	P	17 29 56.8 +0.5
BGU	Big Grassy Mtu 11nm, 1.0s, mb4.8	50.47 324	eP	P	17 29 55.1 -2.1
R11A	Troy Canyon, C baz=51	50.53 319	↓P	P	17 29 59.0 +1.3
P12A	McGill baz=51	50.74 321	↑P	P	17 29 50.7 +1.5
L15A	Malad City baz=51	50.78 325	↑P	P	17 29 58.4 -1.1
REDW	Red Top Meadow 12nm, 0.9s, mb4.8	50.83 327	eP	P	17 29 58.1 -1.6
LOHW	Long Hollow 8.1nm, 0.9s, mb4.8	50.86 328	eP	P	17 29 59.4 -0.6
S10A	Topnap Range, baz=51, SNR=13	50.96 318	↑P	P	17 30 01.1 +0.2
TPAW	Teton Pass 5.9nm, 0.8s, mb4.6	50.97 327	eP	P	17 29 59.7 -1.1
MOOW	Moose Ponds 5.6nm, 0.8s, mb4.5	51.03 328	eP	P	17 29 59.6 -1.7
RR12	Red Ridge 6.1nm, 0.6s, mb4.7	51.07 327	eP	P	17 29 59.8 -1.7
ISA	Isabella baz=51	51.07 315	↓P	P	17 30 02.3 +0.6
ISA	Isabella 13nm, 1.1s, mb4.6	51.07 315	eP	P	17 30 02.0 +0.3
O12A	Currie baz=51	51.11 322	↓P	P	17 30 01.8 -0.1
RLMT	Red Lodge 14nm, 1.3s, mb4.7	51.22 330	eP	P	17 30 00.8 -1.9
IMW	Indian Meadow 11nm, 0.6s, mb5.0	51.23 328	eP	P	17 29 58.2 -4.6
L14A	Malta baz=51	51.29 325	↑P	P	17 30 03.2 -0.1
J15A	Blackfoot baz=52	51.31 326	↑P	P	17 30 05.8 -0.7
E19A	Rath Farm, Rou baz=52	51.95 332	↓P	P	17 30 08.0 -0.1
F18A	Big Timber baz=52, SNR=12	52.00 330	↑P	P	17 30 07.6 -0.9
J14A	Carey baz=52, SNR=24	52.27 326	↑P	P	17 30 10.4 -0.1
SCHO	Schefferville 52.28 7 P 17nm, 0.9s, mb5.0, baz=188, slow=7.9, SNR=6.8	52.28 7	P	P	17 30 11.0 +0.6
SCHO	Schefferville 52.28 7 P 17nm, 0.9s, mb5.0, baz=188, slow=7.9, SNR=6.8	52.28 7	P	P	17 30 11.0 +0.6
SCHO	Schefferville 52.28 7 P 17nm, 0.9s, mb5.0, baz=188, slow=7.9, SNR=6.8	52.28 7	P	P	17 30 11.0 +0.6
NVAR	Mina Array Baz 52.37 318 P 6.9nm, 0.9s, mb4.6, baz=134, slow=7.3, SNR=10	52.37 318	P	PcP	17 31 22.8 +0.5
E18A	Harlowton 2.2nm, 0.6s, baz=116, slow=4.3, SNR=3.3	52.57 313	↓P	P	17 30 11.6 -1.1
H14A	MacKay baz=53	52.62 326	↑P	P	17 30 13.8 +0.7
H15A	Lima baz=53, SNR=10	52.63 327	↑P	P	17 30 13.9 +0.7
BMN	Battle Mountai 17nm, 1.0s, mb4.9	52.75 321	eP	P	17 30 14.5 +0.3
BOZ	Bozeman (W) baz=53	52.78 329	↑P	P	17 30 13.6 -0.7
BOZ	Bozeman (W) 3.7nm, 0.7s, mb4.4	52.78 329	eP	P	17 30 12.9 -1.4
MCMT	McKenzie Canyo 4.6nm, 1.1s, mb4.3	52.87 328	eP	P	17 30 14.9 -0.1
HL1D	Hailey baz=53	52.92 325	↑P	P	17 30 15.0 -0.4
HL1D	Hailey 5.0nm, 0.8s, mb4.5	52.92 325	↑P	P	17 30 14.1 -1.4
H13A	Wildhorse Cree baz=53, SNR=9.3	52.98 326	↑P	P	17 30 15.4 -0.4
C19A	Slack Wire Ran baz=53	53.00 332	↑P	P	17 30 16.3 +0.4
H14A	Leadore baz=53	53.02 327	↑P	P	17 30 16.4 +0.3
DLMT	Dillon 16nm, 1.5s, mb4.7	53.09 328	↑P	P	17 30 14.6 -2.1
WAKR	Walker 12nm, 1.4s, mb4.6	53.17 318	P	P	17 30 17.0 -0.3
LRM	Limekiln Ridge 20nm, 0.7s, mb5.2	53.33 329	eP	P	17 30 16.9 -1.4
D17A	Six Diamond Ra baz=53	53.36 331	↓P	P	17 30 17.5 -1.1
F15A	Butte baz=53	53.36 329	↑P	P	17 30 17.9 -0.7
G14A	Jackson baz=54	53.47 328	↑P	P	17 30 18.9 -0.6
I12A	Atlanta baz=54, SNR=12	53.48 325	↑P	P	17 30 18.9 -0.6
MF1D	Camas Ranch baz=54	53.64 325	↑P	P	17 30 20.3 -0.4
C17A	Wharram Farm, baz=54, SNR=8.0	53.73 331	↓P	P	17 30 20.1 -1.2
H12A	Diamond D Ranc baz=54, SNR=11	53.79 326	↑P	P	17 30 21.3 -0.5
G13A	Cobalt baz=54	53.79 327	↑P	P	17 30 20.9 -0.9
D15A	Lincoln baz=54	54.18 330	↓P	P	17 30 24.0 -0.6
G12A	Big Creek, Yel baz=54, SNR=7.1	54.41 326	↑P	P	17 30 25.4 -0.9
A17A	Triple J Farms baz=55	54.63 333	↓P	P	17 30 28.3 +0.5
C15A	Salmond Ranch, baz=55	54.73 330	↑P	P	17 30 28.6 +0.1
WVOR	Wild Horse Val 21nm, 1.1s, mb5.1	54.75 322	eP	P	17 30 27.4 -1.4
F12A	Elk City baz=55, SNR=10	54.77 327	↑P	P	17 30 28.4 -0.5
SLMT	Seely Lake 5.1nm, 0.9s, mb4.5	54.81 329	Pn	P	17 30 19.6 -1.0
D13A	Huson baz=55	54.81 329	↓P	P	17 30 31.1 -0.9
YBMT	Yellow Bay 4.1nm, 0.8s, mb4.5	55.49 330	↑P	P	17 30 31.6 -2.4
JTMT	Jette 6.8nm, 1.0s, mb4.5	55.55 329	eP	P	17 30 30.4 -4.1
FFC	Flin Farm 12nm, 1.1s, mb4.8	55.83 342	eP	P	17 30 33.2 -3.2
BSMT	Bassoo Peak 11nm, 1.3s, mb4.7	55.87 329	eP	P	17 30 34.5 -2.3
LNOR	Lincton Mounta 7.0nm, 0.8s, mb4.8	56.52 326	eP	P	17 30 40.1 -1.3
G08A	Pilot Rock baz=57, SNR=14	56.56 325	↓P	P	17 30 41.1 -0.7
C11A	Tepee Creek (N baz=57, SNR=8.4	56.62 329	↓P	P	17 30 40.6 -1.5
YBH	Yreka Blue Hor 3.3nm, 0.8s, mb4.4, baz=85, slow=8.3, SNR=3.4	56.96 319	P	P	17 30 41.8 -2.9
YBH	comp=Z, 22nm, 18.0s, MS3.9, baz=143, slow=41	56.96 319	P	P	18 00 05.0
YBH	Yreka Blue Hor 3.3nm, 0.8s, mb4.4, baz=85, slow=8.3, SNR=3.4	56.96 319	P	P	17 30 41.8 -2.9
YBH	comp=Z, 22nm, 18.0s, MS3.9, baz=143, slow=41	56.96 319	P	P	18 00 05.0
FCC	Fort Churchill 1.1nm, 1.1s, mb3.8	57.48 349	eP	LR	17 30 46.3 -1.6
G06A	Carlson Farm, baz=58	57.51 324	↑P	P	17 30 48.2 -0.2
HOOD	Mouth Hood Mea 28nm, 0.9s, mb5.3	58.16 324	eP	P	17 30 54.4 +1.4
ETW	Entiat 24nm, 1.4s, mb5.0	58.67 326	eP	P	17 30 56.2 -0.3
LOH	Longmire 5.0nm, 0.9s, mb4.6	59.03 325	eP	P	17 30 56.9 -2.1
NLWA	Neilton Lookou 11nm, 1.2s, mb4.8	60.56 325	eP	P	17 31 06.9 -2.7
FRB	Frisher Bay comp=Z, 156nm, 18.2s, MS4.2, baz=198, slow=35	60.94 4 LR	LR	LR	17 56 38.9
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	P	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.6
YKA	Yellowknife Ar 66.00 341 P 6.3nm, 0.8s, mb4.7, baz=134, slow=6.6, SNR=32	66.00 341	P	LR	17 31 42.7 -2.6
YKA	comp=Z, 14nm, 18.9s, MS3.2, baz=255, slow=38	66.00 341	P	LR	18 03 05.

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

IDD 02:17:22.40.4+1.1, 17.61N:61.38W, h0km, mb4.0/4, mb1 4.1/5, mb1mx3.9/22, mbtmp4.0/5, ML6.0/1, Error ellipse: s-maj=25.8km s-min=17.1km az=80.0

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

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

ISCJB 02:17:27.32.6-1.2, 28.1S:0.1:67.4W:0.1, h144km, 144km, mb3.4/3, Error ellipse: s-maj=18.3km s-min=14.5km az=4.6

BJJ 02:17:28.16.6-3.5, 79N:87.06E, h11km, ML3.9/5, ISCJB 02:17:28.18.4-0.9, 36.2N:0.1:86.8E:0.2, h10km, Error ellipse: s-maj=27.0km s-min=9.6km az=153.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MK31, MK31, MKAR, etc.

CASC 02:17:45:57.6-1.9, 13:43N:90:96W, h36km, 999km, ML3.0, 1D, Near coast of Guatemala

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

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

ISCJB 02:17:27.32.7-2.8, 28.1S:0.1:67.4W:0.1, h138km, 23km, mb3.6/3, mb1 3.6/4, mb1mx3.4/15, mbtmp3.5/4, Error ellipse: s-maj=40.3km s-min=20.5km az=126.0

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

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









2d 20h

2008 SEP

Main data table with columns for station names, coordinates, and various signal quality metrics. Includes sub-sections for '2d 20h' and '2008 SEP'.

TIRR	Tirgusor	14.25 300	eP	Pn	20 04 12.8 -0.8
TIRR	comp=Z,24nm,1.0s		pmax	pmax	
TIRR	Tirgusor	14.25 300	eP	Pn	20 04 12.8 -0.8
TIRR	comp=Z,24nm,1.0s		e		
TIRR	Tirgusor	14.25 300	iP	Pn	20 04 13.5 -0.1
TIRR	Tirgusor	14.25 300	ePn	Pn	20 04 12.8 -0.8
AKTK	Aktjubinsk	14.61 32	Pn	Pn	20 04 16.8 -1.8
AKTK			Sn	Sn	20 06 53.5 -7.5
AKTK	Aktjubinsk	14.61 32	Pn	Pn	20 04 16.8 -1.8
AKTK	Aktjubinsk	14.61 32	Pn	Pn	20 04 16.8 -1.8
AKTK	comp=Z,1.4nm,0.3s,baz=216,slow=12,SNR=26		Sn	Sn	20 06 53.5 -7.5
AKTK	comp=Z,0.4nm,0.3s,baz=311,slow=20,SNR=2.5		LR	LR	20 11 20.3
AKTK	Aktjubinsk	14.61 32	P	Pn	20 04 16.8 -1.8
AKTK					20 06 53.5
AKTK	comp=Z,1.0nm,0.3s		pmax	pmax	
AKTK	AKbulak array		MLR	MLR	
AB31	comp=Z,693nm,18.7s		iP	Pn	20 04 16.9 -2.3
AB31	AKbulak array	14.66 39	iP	pmax	
AB31	comp=Z,31nm,0.8s		ePn	Pn	20 04 16.6 -2.6
AB31	comp=Z,45nm,0.8s		eSn	Sn	20 06 42.5 -2.0
AB31	AKbulak array	14.66 39	ePn	Pn	20 04 16.6 -2.6
AB31	comp=Z,45nm,0.8s		eSn	Sn	20 06 42.5 -2.0
CFR	Carcaiu	14.67 302	iP	Pn	20 04 20.5 +1.1
KIS	Kishinev	14.97 309	eP	Pn	20 04 23.0 -0.5
KIS	Kishinev	14.97 309	eP	Pn	20 04 23.0 -0.5
KIS			eS	Sn	20 07 24.0 +1.4
KIS			eLQ	LR	20 10 00.0
KIS			eLR	LR	20 10 04.2
KIS	comp=Z,800nm,12.0s		eP	Pn	20 04 23.0 -0.5
KIS	Kishinev	14.97 309	eP	MLR	
KIS	comp=N,400nm,12.0s		MLR	MLR	
KIS	comp=Z,800nm,12.0s		MLR	MLR	
KIS	comp=E,600nm,11.0s		MLR	MLR	
KIS	comp=Z,700nm,14.0s		MLR	MLR	
ALN	Alexandroupoli	15.36 285	P	Pn	20 04 32.8 +4.1
ALN	Alexandroupoli	15.36 285	P	Pn	20 04 32.8 +4.1
GRER		15.51 302	iP	Pn	20 04 32.6 +2.0
GRER		15.51 302	iP	Pn	20 04 32.6 +2.0
SULR		15.79 299	P	Pn	20 04 35.6 +1.3
SULR		15.79 299	P	Pn	20 04 34.9 +0.6
SULR		15.79 299	P	Pn	20 04 35.1 +1.3
DIM	Dimitrovgrad	15.82 289	P	Pn	20 04 37.4 +2.7
DIM	Dimitrovgrad	15.82 289	P	Pn	20 04 37.4 +2.7
IAS	IASI	15.82 308	iP	Pn	20 04 34.5 -0.3
IAS	IASI	15.82 308	iP	Pn	20 04 34.5 -0.3
VRI	Vrincioia	15.83 303	iP	Pn	20 04 35.1 +0.2
VRI	Vrincioia	15.83 303	iP	Pn	20 04 35.1 +0.2
VRI	Vrincioia	15.83 303	iP	Pn	20 04 35.1 +0.2
KDZ	Kurdzhali	15.87 287	P	Pn	20 04 37.2 +1.8
KDZ	Kurdzhali	15.87 287	P	Pn	20 04 37.2 +1.8
PLOR	Plostina	15.88 303	iP	Pn	20 04 36.3 +0.8
PLOR	Plostina	15.88 303	iP	Pn	20 04 36.3 +0.8
PLOR	Plostina	15.88 303	iP	Pn	20 04 36.3 +0.8
PLOR	Plostina	15.88 303	iP	Pn	20 04 36.3 +0.8
NAZ	Nazwa, Dubai	15.98 146	P	Pn	20 04 39.3 +2.4
NAZ	SNR=7.2				
NAZ	Nazwa, Dubai	15.98 146	P	Pn	20 04 39.3 +2.4
NAZ	SNR=7.2				
APE	Apeiranthos	16.10 271	iP	Pn	20 04 44.0 +5.6
APE	Apeiranthos	16.10 271	iP	Pn	20 04 44.0 +5.6
TESR		16.12 305	iP	Pn	20 04 38.4 -0.2
PVL	Pavlikeni	16.12 293	P	Pn	20 04 44.4 +5.8
ASUD	AI Ashush, Dub	16.16 147	P	Pn	20 04 42.7 +3.5
ASUD	SNR=14				
ASUD	AI Ashush, Dub	16.16 147	P	Pn	20 04 42.7 +3.5
ASUD	SNR=14				
MLR	Muntele Rosu	16.23 301	iP	Pn	20 04 40.4 +0.4
MLR	Muntele Rosu	16.23 301	iP	Pn	20 04 40.4 +0.4
MLR	Muntele Rosu	16.23 301	iP	Pn	20 04 40.4 +0.4
MLR	Muntele Rosu	16.23 301	iP	Pn	20 04 40.4 +0.4
RZN	Rozhen	16.40 287	P	Pn	20 04 40.0 +1.8
RZN	Rozhen	16.40 287	P	Pn	20 04 40.0 +1.8
ASHO	Ashiyah	16.42 145	P	Pn	20 04 45.3 +2.7
ASHO	SNR=7.1				
ASHO	Ashiyah	16.42 145	P	Pn	20 04 45.3 +2.7
ASHO	SNR=7.1				
PLD	Plovdiv	16.44 289	P	Pn	20 04 43.7 +1.0
PLD	Plovdiv	16.44 289	P	Pn	20 04 43.7 +1.0
PLD	Plovdiv	16.44 289	P	Pn	20 04 43.7 +1.0
PLD	Plovdiv	16.44 289	P	Pn	20 04 43.7 +1.0
LAST	Lasithi	16.63 264	P	Pn	20 04 47.7 +2.5
LAST	Lasithi	16.63 264	P	Pn	20 04 47.7 +2.5
DOPR	Dopca	16.75 302	iP	Pn	20 04 48.3 +1.7
DOPR	Dopca	16.75 302	iP	Pn	20 04 48.3 +1.7
KIEV	Kiev	16.81 321	eP	pmax	20 04 44.9 -2.4
KIEV			pmax	pmax	
KIEV	comp=Z,121nm,1.4s		ePn	Pn	20 04 44.9 -2.5
KIEV	comp=Z,121nm,1.4s		ePn	Pn	20 04 44.9 -2.4
KIEV	comp=Z,121nm,1.4s		ePn	Pn	20 04 44.9 -2.4
VOIR		16.82 300	iP	Pn	20 04 48.9 +1.4
VOIR		16.82 300	iP	Pn	20 04 48.9 +1.4
PGB	Panagyurishte	16.88 290	P	Pn	20 04 51.5 +3.2
PGB	Panagyurishte	16.88 290	P	Pn	20 04 51.5 +3.2
KMPD	K-Podolskiy	17.11 312	P	Pn	20 04 54.4 +2.9
MMB	Musomiste	17.14 287	P	Pn	20 04 54.4 +2.9
MMB	Musomiste	17.14 287	P	Pn	20 04 54.4 +2.9
SRS	Serrai	17.22 285	P	Pn	20 04 57.4 +4.8
MPEP	Malo Peshtene	17.29 293	P	Pn	20 04 59.2 +5.7
SOH	Sokhos	17.40 284	P	Pn	20 04 59.6 +4.7
BURAR	Bucovina Array	17.45 307	iP	Pn	20 04 55.5 +0.1
BURAR	Bucovina Array	17.45 307	iP	Pn	20 04 55.5 +0.1
BURAR	Bucovina Array	17.45 307	iP	Pn	20 04 55.5 +0.1
BURAR	Bucovina Array	17.45 307	iP	Pn	20 04 55.5 +0.1
BUR08	Bucovina Ar. S	17.47 308	ePn	Pn	20 04 54.5 -1.2
BUR08	Bucovina Ar. S	17.47 308	ePn	Pn	20 04 54.5 -1.2
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
VTS	Vitosha	17.59 290	P	Pn	20 05 00.0 +2.9
HORT	Horiatits	17.60 283	P	Pn	20 05 01.5 +4.2
OBN	Obninsk	17.60 342	iP	Sn	20 04 54.2 +2.5
OBN			iS	Sn	20 08 19.6 +6.1
OBN			pmax	pmax	
OBN	comp=Z,313nm,1.6s		MLR	MLR	
OBN	comp=Z,2um,20.0s		ePn	Pn	20 04 54.6 -2.5
OBN	comp=Z,294nm,1.2s		eSn	Sn	20 08 13.4 -0.1
OBN	Obninsk	17.60 342	Pn	Pn	20 04 56.6 -0.6
OBN	comp=Z,1um,0.8s,SNR=6.8		ePn	Pn	20 04 54.6 -2.6
OBN	Obninsk	17.60 342	ePn	Pn	20 04 54.6 -2.6
OBN	comp=Z,294nm,1.2s		eSn	Sn	20 08 13.4 -0.1
OBN			iS	Sn	20 08 19.6 +6.1
KKB	Krupnik	17.63 288	iP	Pn	20 05 00.7 +3.0
KNT	Kendrikon	17.75 285	P	Pn	20 05 02.7 +3.6
KARN	Karanos	17.78 266	P	Pn	20 05 01.8 +2.2
KARN	Karanos	17.78 266	P	Pn	20 05 01.8 +2.2
ARQ	Araqi	17.80 146	P	Pn	20 04 59.9 0.0
ARQ	SNR=29				
ARQ	Araqi	17.80 146	P	Pn	20 04 59.9 -0.1
ARQ	SNR=29				
DID	Didima	17.81 273	P	Pn	20 05 02.4 +2.5
DID	Didima	17.81 273	P	Pn	20 05 02.4 +2.5
LTK	Loutraki	17.93 275	P	Pn	20 05 04.3 +2.9
MOS	Moscow	17.94 345	eP	Sn	20 04 59.8 -1.6
MOS			eS	Sn	20 08 25.0 +3.2
MOS	comp=Z,202nm,1.0s		pmax	pmax	
MOS	comp=Z,500nm,1.9s		MLR	MLR	
MOS	comp=Z,2um,19.0s		MLR	MLR	
MOS	comp=N,2um,19.0s		eP	MLR	
MOS	Moscow	17.94 345	eP	Pn	20 04 59.8 -1.6
MOS	comp=N,500nm,1.9s		eS	Sn	20 08 25.0 +3.2
MOS	comp=N,2um,19.0s		eS	Sn	20 08 25.0 +3.2

VAY	Valandovo	18.00 286	P	Pn	20 05 04.9 +2.7
VAY	Valandovo	18.00 286	eP	Pn	20 05 02.9 +0.7
LIT	Litohoron	18.08 282	P	Pn	20 05 05.9 +2.6
GRG	Griva	18.12 285	P	Pn	20 05 07.1 +3.3
VLI	Vellai	18.20 271	ePn	Pn	20 05 07.8 +3.0
VLI	Vellai	18.20 271	ePn	Pn	20 05 07.8 +3.0
VLI	Vellai	18.20 271	ePn	Pn	20 05 07.8 +3.0
DSF	Desfina	18.21 276	P	Pn	20 05 06.5 +1.6
DSF	Desfina	18.21 276	P	Pn	20 05 06.5 +1.6
KYTH	Kithira	18.23 270	ePn	Pn	20 05 05.8 +0.7
KYTH	Kithira	18.23 270	ePn	Pn	20 05 05.8 +0.7
KYTH	Kithira	18.23 270	ePn	Pn	20 05 05.8 +0.7
KYTH	Kithira	18.23 270	ePn	Pn	20 05 05.8 +0.7
GZR	Gura Zlata	18.35 299	P	Pn	20 05 07.8 +1.2
GZR	Gura Zlata	18.35 299	iP	Pn	20 05 07.5 +0.9
GZR	Gura Zlata	18.35 299	P	Pn	20 05 07.8 +1.2
DJES	Djerad	18.38 296	iP	Pn	20 05 06.3 -0.6
GUR	Goura	18.43 275	P	Pn	20 05 10.8 +3.2
GUR	Goura	18.43 275	P	Pn	20 05 10.8 +3.2
THL	Klokotos Trika	18.48 280	P	Pn	20 05 09.6 +1.4
THL	Klokotos Trika	18.48 280	P	Pn	20 05 09.6 +1.4
VLX	Vlachokerasia	18.50 273	P	Pn	20 05 09.3 +0.8
VLX	Vlachokerasia	18.50 273	P	Pn	20 05 09.3 +0.8
VLX	Vlachokerasia	18.50 273	P	Pn	20 05 09.3 +0.8
EMR	Baia Mare	18.52 277	P	Pn	20 05 10.8 +2.2
EMR	Baia Mare	18.52 277	P	Pn	20 05 10.8 +2.2
TRIZ	Trizonia	18.57 277	P	Pn	20 05 10.8 +1.5
TRIZ	Trizonia	18.57 277	P	Pn	20 05 10.8 +1.5
BSY	Bisya	18.62 145	P	Pn	20 05 10.1 +0.1
BSY					
KZN	Kozani	18.62 283	P	Pn	20 05 12.7 +2.8
BARS	Barje	18.63 290	P	Pn	20 05 11.6 +1.6
BARS	Barje	18.63 290	eP	Pn	20 05 08.6 -1.4
BSYO	Bisya	18.65 145	P	Pn	20 05 10.1 -0.2
BSYO					
LAKA	Loksa	18.67 276	P	Pn	20 05 12.1 +1.7
EFP	Efpalio	18.70 277	P	Pn	20 05 11.5 +0.7
EFP	Efpalio	18.70 277	P	Pn	20 05 11.5 +0.7
SMDO	Samad	18.74 143	P	Pn	20 05 12.1 +0.7
SMDO	SNR=16				
SMDO	Samad	18.74 143	P	Pn	20 05 12.1 +0.7
SMDO	SNR=16				
DRGR		18.77 303	iP	Pn	20 05 12.5 +0.9
DRGR		18.77 303	iP	Pn	20 05 12.5 +0.9
DRGR		18.77 303	iP	Pn	20 05 12.5 +0.9
SKO	Skojpe	18.85 288	eP	Pn	20 05 14.2 +1.4
ITM	Ithomi	18.89 270	P	Pn	20 05 16.1 +2.9
FNA	Florina	18.90 284	P	Pn	20 05 14.3 +1.0
FNA	Florina	18.90 284	P	Pn	20 05 14.4 +1.1
BIA	Bitola	18.94 285	eP	Pn	20 05 14.4 +0.7
LRUS	Krusevo	18.99 286	eP	Pn	20 05 14.9 +0.5
LRUS	Tokov	19.01 256	iP	Pn	20 05 09.5 -5.2
LRUS	comp=N,104nm,2.1s,SNR=1.45				
KBL	Kabul	19.09 95	iP	Pn	20 05 17.4 +1.8
KBL			pmax	pmax	
KBL	comp=Z,60nm,1.0s		iP	Pn	20 05 17.4 +1.8
KBL	comp=Z,60nm,1.0s		iP	Pn	20 05 17.4 +1.8
RBS	Rilos of Patr	19.09 276	ePn	Pn	20 05 17.4 +1.8
RLS	Rilos of Patr	19.09 276	ePn	Pn	20 05 17.4 +1.8
RLS	Rilos of Patr	19.09 276			







2d 20h

Table of astronomical observations for 2d and 20h, listing station names (e.g., ULN, BORG, TORO), coordinates, and various parameters like SNR and error margins.

2008 SEP

Table of astronomical observations for 2008 SEP, listing station names (e.g., BJI, YAK, DBIC), coordinates, and various parameters like SNR and error margins.

94

Table of astronomical observations for 94, listing station names (e.g., SCHO, YUK, PETK), coordinates, and various parameters like SNR and error margins.

Technical notes and metadata including station names, coordinates, and observation parameters such as 'Station Name', 'A', 'AZ', 'Phase ID', 'Time', 'Res', 'ISC', 'h', 'm', 's', 'ISC'.







Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

SGS 02 20:20:29.5, 29.69'N, 52.49'E, h26km
TEH 02 20:20:31.0, 29.45'N, 51.88'E, h13km
CSEM 02 20:20:31.1, 29.45'N, 51.97'E, h10km, ML3.5, Error ellipse: s-maj=5.9km s-min=4.0km az=146.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

ICD 02 20:21:41.8, 50.0, 16.47S:178.16'W, h0km, mb3.6/3, mb1 3.1/8, mb1mx3.5/16, mbmtpp3.6/3, Error ellipse: s-maj=917.6km s-min=154.9km az=77.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

ISCJB 02 20:31:54.1, 0.7, 36.2S:0.1, 101.6'W, 0.2, h10km, mb4.3/12, MS3.9/6, Error ellipse: s-maj=20.6km s-min=15.7km az=167.9

ICD 02 20:31:54.0, 8.36, 09S:101.49'W, h0km, mb4.1/7, mb1 4.4/7, mb1mx4.2/16, mbmtpp4.1/7, MS3.9/7, Ms1 3.9/7, ms1mx3.7/23, Error ellipse: s-maj=24.5km s-min=23.3km az=66.0

NEIC 02 20:31:55.8, 0.5, 36.11S:101.14'W, h10km, mb4.6/7, Error ellipse: s-maj=15.9km s-min=13.9km az=85.0

ISC 02 20:31:56.2, 0.7, 36.15S:101.15'W, 0.2, h10km, n26, 0.90/16, mb4.3/12, MS3.9/6, Southeast of Easter Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

ICD 02 20:49:35.9, 0.5, 43.05'N:79.65'E, h0km, mb4.4/19, mb1 4.5/26, mb1mx4.4/33, mbmtpp4.4/26, ML4.2/7, MS3.8/10, Ms1 3.8/10, ms1mx3.4/44, Error ellipse: s-maj=10.2km s-min=9.2km az=52.0

ISCJB 02 20:49:39.4, 0.2, 43.01'N:79.80'E, 0.03, h33km, mb4.5/9, MS3.9/13, Error ellipse: s-maj=4.2km s-min=3.2km az=14.3

NNC 02 20:49:40.3, 1.6, 43.55'N:79.54'E, h0km, mb4.9, mpv4.8, Error ellipse: s-maj=22.4km s-min=4.6km az=144.0

BUI 02 20:49:40.0, 43.04'N:79.83'E, h29km, mb4.6/9, mb4.6/19, ML4.7/10, Ms4.2/13, Ms7 4.0/13

NEIC 02 20:49:40.4, 1.8, 43.09'N:79.68'E, h27km, 13km, mb4.7/24, Error ellipse: s-maj=7.6km s-min=6.3km az=164.0

MOS 02 20:49:41.3, 1.0, 43.30'N:79.83'E, h33km, mb4.8/35, Error ellipse: s-maj=7.3km s-min=4.8km az=121.5

ISC 02 20:49:41.1, 0.2, 42.98'N:0.03, 79.77E:0.03, h35km, n208, 0.15/30/219, mb4.5/59, MS3.9/13, 19C-11, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.





2d 20h

2008 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EMOS, Mosqueruela, SN, SN, Time, Res, EQES, Quesada, SN, SN, Time, Res, EQES, Quesada, SN, SN. The table lists various astronomical observations with their respective parameters and identifiers.













3d 1h

2008 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CLL, COLL, RAC, MORC, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIV, YKA, ASAR, WRA, etc.







Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Saint Saulge, Avril sur Loir, Hagfors, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WMQ, KMBQ, DANN, KOLN, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BJI, TSUM, CN2, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRDH Warideh, SCER sogukcermik, KFRFA Kufra, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 03 03:14:16.8, AFI Afimalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INMG 03 03:31:34.9, CSEM 03 03:31:40.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EBAJ Bajamar, CHIO Chio, CRAJ Montana Rajada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 03 04:04:22.1, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 03 04:16:47.3, NEIC 03 04:16:52.9, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 03 04:34:06.5, CFAA Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 03 05:03:35.7, ANWB Willy Bob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISK 03 05:04:34.0, CSEM 03 05:04:34.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 03 05:32:28.7, KNDC Almaty, etc.

2008 SEP

3d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dolores, Cauayan, Palanan, Baguio City Da, Bolinao, Baler, Santa Cruz, Tagaytay City, etc.

IDC 03 05:37:12.0 ± 1.4, 21.07S, 173.96W, h0km, mb3.9/6, mb1 4.2/7, mb1mx4.0/18, mb1mp4.0/7, ML1/8.1, MS3.7/2, MS1 3.7/2, ms1mx3.1/18, Error ellipse: s-maj=54.5km s-min=21.1km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Afiamalu, Rarotonga, Stephens Creek, Alice Springs, Warramunga Arr, etc.

DDA 03 05:41:47.1 ± 37.38N, 38.64E, h7km, 5km, MD2.8 ISC/JB 03 05:41:49.0 ± 0.6, 37.43N, 0.04, 38.62E, 0.04, h10km, Error ellipse: s-maj=6.0km s-min=3.6km az=148.5

CSEM 03 05:41:49.6 ± 0.3, 37.49N, 38.54E, h5km, MD2.8, Error ellipse: s-maj=8.0km s-min=2.6km az=131.0

ISK 03 05:41:50.5 ± 37.57N, 38.49E, h11km, MD2.7 ISC 03 05:41:48.3 ± 0.9, 37.40N, 0.04, 38.63E, 0.04, h1km, 6km, n28, 0.981/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bozova, Malatya, Akcadag, Sivrice-ELAZID, Elazig, Gaziantep, Kahramanmaraş, Kuzuzini, Pertek, Mardin, Kemaliye, SarDiz-Kayseri, etc.

ISC/JB 03 06:27:23.5 ± 0.2, 24.83N, 0.03, 97.73E, 0.02, h10km, mb4.6/77, MS4.3/32, Error ellipse: s-maj=3.8km s-min=2.8km az=67

BJI 03 06:27:24.2 ± 24.82N, 97.80E, h25km, mb4.9/26, mb4.6/40, ML4.9/8, MS5.0/49, MS7.4/63

IDC 03 06:27:24.2 ± 0.5, 24.90N, 97.86E, h0km, mb4.4/23, mb1 4.5/24, mb1mx4.5/27, mb1mp4.4/24, ML5.3/1, MS1.1/18, MS1.4/1.18, ms1mx4.0/28, Error ellipse: s-maj=19.0km s-min=10.8km az=60.0

NEIC 03 06:27:25.5 ± 0.2, 24.87N, 97.78E, h10km, mb4.8/33, Error ellipse: s-maj=6.4km s-min=4.0km az=51.0

Myanmar-China border region GCMT 03 06:27:26.8 ± 0.3, 24.84N, 98.02E, h18km, 1km, MW5.0, Moment Tensor Solution, s22, c24, s73, c121; Moment tensor: Scale 10^10Nm; Mrr=0.62±.14; Mtt=1.09±.13; Mss=0.47±.12; Mtr=0.14±.26; Mts=3.53±.11; Mtr=0.36±.26; Best double couple: M=3.60000±1016 NP1=276.00000, delta, 0.00000, lambda, 0.00000. NP2=186.00000, delta, 0.00000, lambda, 0.00000. Principal axes: T 3.9500, Plg4.0000, Azm141.0000; N -0.6300, Plg84.0000, Azm6.0000; P -3.3200, Plg4.0000, Azm231.0000; Data Used: II IU CN IG 6G

TEH 03 06:27:26.0 ± 0.2, 24.81N, 97.66E, h10km MOS 03 06:27:28.0 ± 0.1, 25.01N, 97.71E, h33km, mb4.9/31, Error ellipse: s-maj=12.3km s-min=5.9km az=122.3

ISC 03 06:27:25.2 ± 0.2, 24.81N, 0.02, 97.77E, 0.02, h10km, n231, c134/249, mb4.6/77, MS4.3/32, 8C-2D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Imphal, Kunming, Chiang Mai, Shillong, Agartala, Chiang Mai, etc.

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

CMAR Chiang Mai Arr 6.41 170 Pn Pn 06 29 01.2 +1.4

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

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

BHPL Bhopal 18.65 269 ePKP Amb Pn 06 31 45.3 +1.7

Table of astronomical observations for 2008 SEP, including columns for object name, coordinates, magnitude, and other parameters.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMCH Combarbala, JACH Jahuel, CHNG Los Chungos, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, COEN Coen, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, LZH Lanzhou, PETK Petropavlovsk, etc.

IGQ 03:07:53:11.0, 1.70S; 77:91W, h183km, 2km, Mb4.2, Ms4.0, Error ellipse: s-maj=2.9km s-min=1.9km az=21.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATI Patacocha, MACA Macaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATI Patacocha, MACA Macaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATI Patacocha, MACA Macaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATI Patacocha, MACA Macaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATI Patacocha, MACA Macaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSI Padang, PDSI Padang, MNAI Manna, etc.





LPAZ La Paz 149.33 73 PKPbc PKPbc 09 11 55.4 +1.1

baz=190,slow=13,SNR=50 ARCES ARCESS Array B 9.79 7 Pn Pn 09 03 06.5 -1.1

comp=Z,1.03nm,19.8s,MS3.7,baz=101,slow=38 BRTR Keskin Array B 43.62 8 P P 09 25 53.0 +1.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CNGZ Carnagh Station, MHGZ Mahia Peninsula, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, AKTK Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MNI Manado, KMSI Cibinong, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array, TXAR Lajitas Array, etc.

ISCJB 03 09:00:45.0, 0.4, 59.87N, 0.03, 22.26E, 0.05, h0km, Error ellipse: s-maj=3.8km s-min=3.6km az=18.4

ISCJB 03 09:10:19.2, 0.0, 39.59N, 0.04, 29.43E, 0.05, h0km, Error ellipse: s-maj=3.9km s-min=3.7km az=10.6

DHMR 03 09:18:09.0, 8.0, 13.41N, 48.34E, h2km, 999km, ML3.5, 1C-2D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MEF Metsahovi, RAFA Rauma, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DURS Dursunbey, DEMI Demirci, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MUKE Al Mukalla, BDHA Al Bayda', etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FIAO FINESS Array S, KEF Keuruu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 03 09:17:45.7, 0.0, 59.67N, 30.07W, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFIA Afiamala, ARZI Urevera, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORSAR Subarra, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGRV Grindav?k, INYL Nylanda, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KNA Kununurra, KAKA Kakadu, etc.



TORD Torodi Ar. Bea 124.46 280 PKP PKPdf 09 45 40.9 +1.9  
2.2nm,0.3s,baz=42,slo=1.5,SNR=1.6

IDC 03 09:45:37.2,5.3,6.61S:155.02E,h0km,mb3.4/4,  
mb1 3.6/4,mb1mx3.4/17,mbtmsp3.5/4, Error ellipse:  
s-maj=167.5km s-min=36.0km az=113.0, Bougainville -  
Solomon Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURK Kurchatov.

ISC/JB 03 09:51:13.1,1.2,6.0:1N:0.2:30:0W:0.2,h10km,mb3.5/5,  
Error ellipse: s-maj=26.4km s-min=9.9km az=150.8  
IDC 03 09:51:15.1,4.4,6.0:20N:30:35W,h0km,mb3.2/5,  
mb1 3.6/6,mb1mx3.4/27,mbtmsp3.4/6,ML3.8/1, Error  
ellipse: s-maj=96.9km s-min=31.9km az=143.0

NEIC 03 09:51:15.0,1.3,6.0:06N:30:11W,h10km,mb4.0/1, Error  
ellipse: s-maj=38.4km s-min=13.4km az=166.0  
ISC 03 09:51:14.8,1.1,6.0:1N:0.2:30:0W:0.2,h10km,n9,  
0:090/10,mb3.5/5, Rykjanen Ridge

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include BORG Borgarnes, KONO Kongsberg, YKA Yellowknife Ar, ILAR Eielson Array, ABKAR Akbulak array, PDAR Pinedale Array, TXAR Lajlas Array.

ISC/JB 03 09:51:28.2,0.2,5.9:81N:0.06:29:0W:0.05,h10km,  
mb4.3/52,MS4.7/3, Error ellipse: s-maj=8.8km  
s-min=3.4km az=5.9  
IDC 03 09:51:28.4,0.6,5.9:84N:29:95W,h0km,mb4.1/24,  
mb1 4.3/25,mb1mx4.2/32,mbtmsp4.1/25,ML4.3/1,MS4.7/2,  
MS1.4/72,ms1mx3.9/19, Error ellipse: s-maj=19.9km  
s-min=11.0km az=178.0

NEIC 03 09:51:30.0,0.2,5.9:76N:29:83W,h10km,mb4.6/30, Error  
ellipse: s-maj=7.7km s-min=3.5km az=8.0  
ISC 03 09:51:30.1,0.2,5.9:79N:0.06:29:85W,0.04,h10km,n226,  
0:067/224,mb4.3/52,MS4.7/3,78C-64D, Rykjanen Ridge

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include BORG Borgarnes, JMJC Jan Mayen, EKA Eskdalemuir Ar, FOO Floe, BER Bergen, BER Bergen, KONO Kongsberg, NOA NORSTAR Array, SCHO Schefferville, BAIF Baives, BAIF Baives, GIV Givet, TRO Tromso, TCF Toux Ste Croi, SFTF Sextfontaines, SFTF Sextfontaines, SSF Saint Sulpice, LOR Lormes, BGF Bois of Angland, KTK1 Kautokoine, KTK1 Kautokoine.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include NOA NORSTAR Array, SCHO Schefferville, BAIF Baives, GIV Givet, TRO Tromso, TCF Toux Ste Croi, SFTF Sextfontaines, SSF Saint Sulpice, LOR Lormes, BGF Bois of Angland, KTK1 Kautokoine, KTK1 Kautokoine.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include ARCS ARCES Array, MOX Moxa, MOX Moxa, ESDC Sonseca Array, ESLS Sonseca Array, FINES FINES Array B, PGF Pioggiola, PGF Pioggiola, KIEV Kiev, AKASG Malin Array Be, KEST Kesra, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, AGM Agassiz Station, INK Inuvik, TKL Tuckaleechee C, TKL Tuckaleechee C, EDM Edmonton, BRTR Keskin Array B, CCM Cathedral Cave, TAM Tamnasset, A19A Klindworth Far, LAO LASA Array, C20A Veseth Ranch, A18A Metzger Ranch, B18A Beardley Farm, A17A Triple J Farms, HBAR Harrisburg, C19A Black Wire Ran.

DAWY Dawson 45.54 325 eP 09 59 49.9 +0.7  
D20A Manuel Ranch, 45.57 290 uP P 09 59 48.6 -1.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include LRAL Lakeview Retre, A16A West Butte Ran, D19A Cripps Ranch, B17A L&G Farms, Che, D18A Linhart Array, B16A M & B Farms, S, E19A Rath Farm, A15A Johnson Ranch, C17A Wharram Farm, A14A Double T Ranch, D17A Six Diamond Ra.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include B15A Bradley Ranch, G20A Bridger, B14A Marquette Ranc, ILAR Eielson Array, A13A Flathead Natio, C15A Salmond Ranch, F18A Big Timber, D16A Dana Ranch, Ca, AKT0 Aktyubinsk, AKTO Aktyubinsk, G18A Lazy EL Ranch, RLMT Red Lodge, I21A Big Trails, Te, B13A Whitefish, F17A Fitzpatrick PI, D15A Lincoln, C14A Swan Lake, MIAR Mount Ida, SLMT Seelye Lake, J21A Lysite, SWMT Swartz Lake, H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include G18A Lazy EL Ranch, RLMT Red Lodge, I21A Big Trails, Te, B13A Whitefish, F17A Fitzpatrick PI, D15A Lincoln, C14A Swan Lake, MIAR Mount Ida, SLMT Seelye Lake, J21A Lysite, SWMT Swartz Lake, H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Rows include H18A Shoshone NF, C, BSMT Bassoo Peak, E15A Deer Lodge, I19A Meeteete, BOZ Bozeman (W), BOZ Bozeman (W), J20A Shoshoni, C12B Naegeli Ranch, LRM Limekiln Ridge, F15A Butte, PHWY Pilot Hill, E14A Clinton, G16A Moss Hill, En, C11A Tepe Creek (N), K20A Yellowstone Ra, D12A Red Ives Forest, G15A Dillon, N23A Red Feather La, ABKAR Akbulak array, IMW Indian Meadow, J18A Kendall Valley, BW06 Boulder Array, PDAR Pinedale Array, MCMT McKenzie Canyon, I16A Newdale, E12A Beaver Dam Sad, ISCO Idaho Springs, B08A Colville Reser, Q25A Bedland, Calha, L19A Collett, H14A Leadore, G13A Cobalt, O22A Kremmling, N21A Black Mountain, J16A Bone, WMOK Wichita Mounta, N20A Spence Gulch, H13A Challis, J15A Blackfoot, R25A Fountain Ranch, G12A Big Creek, Yel, P22A Eagle, H12A Diamond D Ranc, BVAR Borovoye Array, I13A Wildhorse Cn, S25A Roberts Cordova, N18A Larsen Ranch, O19A Miners Draw (B), Q22A Crested Butte, HLID Halley, 51.15 292 uP P 09 59 32.4 -0.4

T25A Trinidad 51.23 279 uP P 10 00 33.7 +0.2  
I12A Atlanta 51.31 292 uP P 10 00 34.3 +0.3  
K14A Jones Ranch, D 51.34 290 uP P 10 00 33.6 -0.6  
N17A Moffitt Pass 51.45 287 uP P 10 00 35.4 +0.3  
M16A Huntsville 51.55 288 uP P 10 00 35.5 -0.3  
O18A Roosevelt 51.57 286 uP P 10 00 35.5 -0.3  
U25A Circle Dot Ran 51.80 278 uP P 10 00 38.0 +0.2  
M15A Larsen Ranch, 51.83 289 uP P 10 00 37.6 -0.2  
R21A Cimarron 51.83 282 uP P 10 00 39.0 +1.0  
G08A GOR Rock 51.93 296 uP P 10 00 38.5 0.0  
V26A Tequesquite Ra 51.97 277 uP P 10 00 38.8 -0.2  
TORD Torodi Ar. Bea 52.06 140 P 10 00 40.1 +0.3  
P18A Preston Nutter 52.18 285 uP P 10 00 40.5 0.0  
V25A Rancho No Teng 52.35 278 uP P 10 00 42.1 +0.3  
Q18A Rafter H Ranch 52.53 285 uP P 10 00 42.8 -0.3  
W25A X Bar L Ranch, 52.76 277 uP P 10 00 43.9 -1.0  
MSTX Muleshoe 52.90 275 uP P 10 00 46.2 +0.3  
R18A Canyonslands Na 52.97 284 uP P 10 00 45.9 -0.5  
U22A Laynes 53.04 280 uP P 10 00 47.8 +0.9  
J19A Harvey Farm, M 53.10 283 uP P 10 00 47.3 0.0  
MVCO Meks Verde 53.20 282 uP P 10 00 48.8 +0.7  
W24A Lazy 6 Ranch, 53.24 278 uP P 10 00 49.3 +0.9  
Y25A Mesa, Roswell 53.90 277 uP P 10 00 52.5 -0.8  
T18A Mexican Hat 53.94 283 uP P 10 00 53.0 -0.5  
WVOR Wild Horse Val 53.99 294 eP P 10 00 53.7 -0.1  
Z26A Caprock 54.06 276 uP P 10 00 54.1 -0.4  
P13A Bates Ranch, G 54.14 288 uP P 10 00 55.7 +0.8  
Q14A Sevier Lake (B 54.15 287 uP P 10 00 54.2 -0.8  
JCT Junction City 54.19 270 uP P 10 00 54.6 -0.8  
JCT Junction City 54.19 270 eP P 10 00 55.1 -0.3  
Y24A Capitan 54.27 277 uP P 10 00 57.1 +1.1  
S16A Wegpper Ranch, 54.33 285 uP P 10 00 56.6 +0.3  
KDAK Kodiak Island 54.41 326 LR LR 10 23 28.8  
Z25A Roswell 54.53 276 uP P 10 00 57.1 0.0  
U18A Rough Rock, Ch 54.50 283 uP P 10 00 57.9 +0.3  
126A Clayton Basin, 54.58 275 uP P 10 00 58.4 +0.2  
LAZ Ladron 54.55 279 eP P 10 01 01.2 +1.8  
Y22A Socorro 55.03 278 uP P 10 01 02.0 +0.6  
X21A Alacocita Cree 55.03 280 uP P 10 01 01.9 +0.4  
226A Malaga, Loving 55.09 275 uP P 10 01 02.5 +0.6  
GDLZ Guadalupe Moun 55.11 275 eP P 10 01 02.5 +0.4  
ZALV Zalesovo Bann 55.18 41 P P 10 01 01.9 -0.4  
MOD Modoc 55.18 295 eP P 10 01 02.6 +0.2  
124A Stringfield Ra 55.26 276 uP P 10 01 03.7 +0.6  
R12A Pony Springs, 55.31 288 uP P 10 01 04.7 +1.3  
U16A Tuba City 55.34 283 uP P 10 01 04.2 +0.5  
225A Deer Hill, Car 55.41 275 uP P 10 01 04.8 +0.5  
428A Kincaid Ranch, 55.45 273 uP P 10 01 05.2 +0.7  
326A Caldwell Ranch 55.63 274 uP P 10 01 05.9 +0.1  
KURK Kurchatov 55.66 47 P P 10 01 06.1 +0.3  
427A Haystack Ranch, 55.71 273 uP P 10 01 06.1 -0.3  
Y20A Horse Springs, 55.76 280 uP P 10 01 07.5 +0.8  
R11A Troy Canyon, C 55.76 288 uP P 10 01 05.8 -0.8  
Q10A Clear Creek Ra 55.78 289 uP P 10 01 06.3 -0.5  
224A Cornudas Mount 55.79 276 uP P 10 01 07.2 +0.2  
MNTX Cornudas Mount 56.03 276 uP P 10 01 07.9 -0.7  
Y19A Niposo 56.16 280 uP P 10 01 09.7 +0.2  
426A McDonald Obser 56.17 274 uP P 10 01 10.4 +0.7  
517A Woodward Ranch 56.39 273 uP P 10 01 11.8 +0.6  
S21A Rachel 56.40 288 uP P 10 01 10.5 -0.8  
T11A Corn Creek, Al 56.47 287 uP P 10 01 12.0 +0.3  
U13A Pakoon Wash 56.52 286 uP P 10 01 12.8 +0.7  
628A Black Gap, Mar 56.56 272 uP P 10 01 11.7 -0.8  
S10A Tonopah Range, 56.59 289 uP P 10 01 12.9 +0.3  
526A Mary Lane Ranc 56.70 273 uP P 10 01 14.0 +0.5  
V14A Boliillas Ranch 56.72 285 uP P 10 01 13.2 -0.4  
627A Terlingua Ranc 56.84 272 uP P 10 01 14.2 -0.2  
X16A Lo Mita Camp, P 56.87 282 uP P 10 01 14.2 -0.4  
WCN Washoe City, 56.98 292 eP P 10 01 16.6 +1.2  
NVAR Mina Array Be 56.99 291 P P 10 01 15.2 -0.3  
W14A Seligman 57.04 284 uP P 10 01 16.1 +0.2  
TXAR Lajlas Array 57.07 272 P P 10 01 15.7 -0.5  
626A Big Bend Ranch 57.13 273 uP P 10 01 16.2 -0.3  
X15A Humboldt 57.21 283 uP P 10 01 17.2 -0.2  
220A Playas Peak, P 57.44 278 uP P 10 01 19.3 +0.6  
WAKR Walker 57.47 291 eP P 10 01 20.4 +1.6  
219A White Tail Can 57.73 279 uP P 10 01 20.1 -0.7  
319A Douglas 58.24 279 uP P 10 01 25.7 +1.3  
MPMC Manual Prospec 58.50 288 uP P 10 01 25.6 -0.5  
318A Bisbee 58.55 279 uP P 10 01 25.9 -0.5  
ISA Isabella 59.30 289 uP P 10 01 32.6 +1.0  
BELC Belle Mtn. Jos 59.44 286 uP P 10 01 33.3 +0.7  
GLA Glamis 59.64 284 uP P 10 01 33.4 -0.6  
MKAR Makanchi Array 60.27 47 P P 10 01 38.4 +0.2

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Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like PESTR Estremoz, GRA1 Grafenberg Arr, and many others.

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Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like 3D7A, C16A, B15A, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like M20A, MM1A, K18A, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like U15A, 427A, R11A, etc.

NEIC 03:09:55:56.9:5.2, 18:08'S:169.05'E, h189km, 36km, mb4.3/3, Error ellipse: s-maj=63.7km s-min=53.4km az=38.0, IDC 03:09:58.6:26.0, 18:35'S:168.48'E, h270km, 218km, mb3.9/7, mb1/4.0/7, mb1mx3.6/17, mbtmp3.9/7, Error ellipse: s-maj=134.0km s-min=59.9km az=79.0



3d 11h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like IZMI, AYDN, ASOL, etc.

KRSC 03 10:33:38.3±0.6, 51.52N, 157.57E, h86km, 75km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MIPR, ALID, PET, etc.

THE 03 10:39:07.7, 38°30'N, 21°75'E, h1km, 1km, ML3.5/8, Error ellipse: s-maj=1.3km s-min=0.6km az=172.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PAIG, KYTH, KBN, etc.

ATH 03 10:39:07.0, 38°32'N, 21°75'E, h16km, MD3.3/22, ML3.3

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like UPR, LAKA, EFP, etc.

2008 SEP

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GUR, DSF, DES, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BRTR, EKA, TOKA, etc.

IDC 03 10:57:24.6±2.7, 6.89S, 155.36E, h54km, 9km, mb3.4/4, mb1 3.5/4, mb1mx3/13, mbtmp3/4, MS3.0/2, ms1mx2.8/22, Error ellipse: s-maj=76.7km s-min=23.3km az=117.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HNR, WTA, WRA, etc.

NEIC 03 11:08:01.2, 16°39'N, 95°89'W, h13km, MD3.8(MEX), After MEX

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

IGQ 03 11:16:11.4, 1°54'S, 81°34'W, h10km, 7km, Mb4.2, Ms4.0, 8D, Error ellipse: s-maj=10.5km s-min=6.5km az=5.8, Off coast of Ecuador

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

DJA 03 11:24:11.26, 14°S, 64°20'W, h15km, mb6.9/6 SZGRF 03 11:24:58.28, 07°S, 38°W, h576km, Santiago del Estero Province, Argentina

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





3d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JCT, HALT, SDMO, UALR, etc.

2008 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNTX, MNTX, 126A, 225A, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like 120A, EFAM, Z21A, PDA, etc.





ESPR	baz=83, SNR=66	83.19	43	∪P	P	11 36 42.0 +0.6
J15A	Blackfoot comp=Z,658nm,1.2s,mb6.0	83.23	326	P	P	11 36 41.9 +0.4
J15A	baz=83, SNR=191			P	PKKPdf	11 54 59.1 +8.7
YFT	Old Faithful comp=Z,99nm,0.7s,mb5.5	83.23	328	eP	P	11 36 42.5 +1.1
G18A	Lazy EL Ranch baz=84, SNR=212	83.29	329	∪P	pP	11 38 46.0 +2.5
EMIN	Mina Concepcion comp=Z,1um,1.3s,mb5.2	83.29	42	∪P	P	11 36 42.2 +0.3
PBAR	Barrancos comp=Z,514nm,1.8s,mb5.8	83.34	41	iP	P	11 36 42.2 0.0
PBAR	Barrancos	83.34	41	eP	pP	11 38 45.3 +1.0
PBAR	Barrancos	83.34	41	eP	pP	11 40 03.6 -1.5
PBAR	Barrancos	83.34	41	eP	pP	11 46 10.8 -5.4
PBAR	Barrancos	83.34	41	eP	pP	11 49 52.8
YNR	Norris Junctio comp=Z,44nm,0.7s,mb5.1	83.35	328	eP	P	11 36 42.3 +0.3
YNR	Norris Junctio	83.35	328	eP	P	11 38 46.1 +2.0
F19A	Roth Farm, Mo baz=84, SNR=331	83.41	330	∪P	pP	11 36 41.9 -0.4
F19A	Roth Farm, Mo	83.41	330	∪P	pP	11 54 57.7 +7.4
YMR	Madison River comp=Z,220nm,0.8s,mb5.7	83.45	328	eP	P	11 36 43.1 +0.5
YMR	Madison River	83.45	328	eP	P	11 38 44.8 +0.1
DMGT	Dagmar baz=84, SNR=202	83.47	334	eP	pP	11 36 42.8 +0.2
DMGT	Dagmar	83.47	334	eP	pP	11 36 42.6 0.0
DMGT	Dagmar	83.47	334	eP	pP	11 38 45.0 +0.3
PESTR	Estremoz comp=Z,847nm,1.3s,mb6.1	83.48	40	iP	pP	11 36 43.2 +0.4
PESTR	Estremoz	83.48	40	iP	pP	11 38 43.7 -1.3
PESTR	Estremoz	83.48	40	iP	pP	11 46 11.3 -6.3
PESTR	Estremoz	83.48	40	iP	pP	11 49 55.0
D21A	La Casta Ranch baz=84, SNR=385	83.50	332	P	P	11 36 42.5 -0.2
D21A	La Casta Ranch	83.50	332	P	PKKPdf	11 54 57.6 +7.4
PTOM	Tomar comp=Z,1um,1.9s,mb6.1	83.52	39	iP	P	11 36 43.1 +0.1
PTOM	Tomar	83.52	39	iP	P	11 40 04.5 -2.0
E20A	Meyer Farm, Mu baz=84	83.55	331	∪P	P	11 36 42.7 -0.3
WAKR	Walker comp=Z,172nm,1.0s,mb5.5	83.61	319	eP	P	11 36 44.2 +0.7
WAKR	Walker	83.61	319	eP	P	11 38 47.7 +2.0
H16A	Russell Place, baz=84, SNR=64	83.61	328	P	P	11 36 43.7 +0.3
H16A	Russell Place, baz=84, SNR=64	83.61	328	P	PKKPdf	11 54 58.4 +8.6
BMN	Battle Mountai comp=Z,62nm,1.1s,mb5.0	83.65	322	eP	P	11 36 42.5 -1.1
BMN	Battle Mountai	83.65	322	eP	P	11 38 48.3 +3.0
BMN	Battle Mountai	83.65	322	eP	P	11 36 43.8 0.0
BMN	Battle Mountai	83.65	322	eP	P	11 36 43.0 -0.9
SAO	San Andreas Ge comp=Z,43nm,1.0s,mb4.9	83.68	317	eP	pmax	11 36 43.0 -0.9
SAO	San Andreas Ge	83.68	317	eP	pmax	11 36 43.0 -0.9
SAO	San Andreas Ge	83.68	317	eP	pmax	11 36 43.0 -0.9
SAO	San Andreas Ge	83.68	317	eP	pmax	11 36 43.0 -0.9
GCMT	Greyfill comp=Z,130nm,0.9s,mb5.5	83.69	329	eP	P	11 36 43.4 -0.3
GCMT	Greyfill	83.69	329	eP	P	11 38 47.0 +1.0
I15A	Monteviejo baz=84, SNR=196	83.69	327	P	pP	11 36 44.5 +0.8
J14A	Carey baz=84, SNR=248	83.72	326	P	P	11 36 44.6 +0.7
J14A	Carey	83.72	326	P	PKKPdf	11 54 57.4 +7.9
EBAD	Badajoz comp=Z,2um,1.9s,mb6.4	83.74	41	∪P	P	11 36 44.5 +0.4
F18A	Big Timber baz=84, SNR=284	83.80	329	P	P	11 36 44.0 -0.3
F18A	Big Timber	83.80	329	P	PKKPdf	11 54 57.0 +7.5
E19A	Rath Farm, Rou baz=84, SNR=221	83.81	330	P	P	11 36 43.9 -0.4
G17A	Pierce Place, baz=84, SNR=30	83.83	328	P	P	11 36 44.7 +0.3
G17A	Pierce Place, baz=84, SNR=30	83.83	328	P	PKKPdf	11 54 57.3 +7.8
CMB	Columbia Colle comp=Z,38nm,0.8s,mb5.0	83.86	318	eP	pP	11 36 44.2 -0.6
CMB	Columbia Colle	83.86	318	eP	pP	11 38 45.3 -1.8
CMB	Columbia Colle	83.86	318	eP	pP	11 46 17.8 -3.5
CMB	Columbia Colle	83.86	318	eP	pP	11 36 44.1 -0.6
CMB	Columbia Colle	83.86	318	eP	pP	11 38 45.3 -1.8
PMRV	Marv?? comp=Z,489nm,1.2s,mb5.9	83.97	40	iP	P	11 36 45.0 -0.2
PMRV	Marv??	83.97	40	iP	P	11 40 08.3 -1.8
PMRV	Marv??	83.97	40	iP	P	11 46 15.1 -7.2
PMRV	Marv??	83.97	40	iP	P	11 49 58.1
D20A	Manuel Ranch, baz=84, SNR=344	84.01	331	P	P	11 36 44.7 -0.5
J13A	Cove Ranch, Pi baz=84, SNR=546	84.10	325	P	P	11 36 46.4 +0.6
J13A	Cove Ranch, Pi	84.10	325	P	PKKPdf	11 54 56.4 +7.5
I14A	MacKay baz=84, SNR=334	84.12	326	P	P	11 36 46.8 +0.9
PCBR	Castelo Branco comp=Z,523nm,1.1s,mb6.0	84.20	40	iP	P	11 36 46.0 -0.3
H15A	Lima baz=84, SNR=158	84.22	327	P	P	11 36 47.0 +0.6
F17A	Fitzpatrick Pi baz=84, SNR=173	84.23	329	P	P	11 36 46.5 +0.2
F17A	Fitzpatrick Pi	84.23	329	P	PKKPdf	11 54 56.1 +7.3
ECAB	El Cabril comp=Z,300nm,1.5s,mb5.1	84.24	42	∪P	P	11 36 46.5 -0.1
G16A	Moss Hill, Enn baz=84, SNR=61	84.27	328	P	P	11 36 46.4 -0.2
G16A	Moss Hill, Enn	84.27	328	P	PKKPdf	11 54 56.0 +7.2
WCN	Washoe City baz=84, SNR=12	84.33	319	P	P	11 36 47.6 +0.6
WCN	Washoe City	84.33	319	P	P	11 36 47.4 +0.4
WCN	Washoe City	84.33	319	P	pP	11 38 48.6 -0.9
WCN	Washoe City	84.33	319	P	pmax	11 36 47.4 +0.4
WCN	Washoe City	84.33	319	P	pmax	11 38 48.6 -0.9
WCN	Washoe City	84.33	319	P	pmax	11 36 47.4 +0.4
WCN	Washoe City	84.33	319	P	pmax	11 38 48.6 -0.9
HLID	Hailey baz=84, SNR=831	84.34	325	P	P	11 36 47.8 +0.8
HLID	Hailey	84.34	325	P	P	11 36 47.6 +0.6
HLID	Hailey	84.34	325	P	pP	11 38 49.9 +0.5
HLID	Hailey	84.34	325	P	pP	11 36 46.8 -0.4
PAHR	Pah Rah Ranch comp=Z,300nm,0.9s,mb5.8	84.38	320	eP	P	11 36 47.7 +0.4
PAHR	Pah Rah Ranch	84.38	320	eP	P	11 38 51.3 +1.6
D19A	Cripps Ranch, baz=85	84.39	331	∪P	P	11 36 46.5 -0.6
E18A	Harlowton baz=85	84.39	330	∪P	P	11 36 46.7 -0.4
E18A	Harlowton	84.39	330	∪P	P	11 54 55.9 +7.3
ELOJ	Sierra Loja comp=Z,330nm,1.1s,mb5.8	84.41	44	∪P	pmax	11 36 47.9 +0.4
ELOJ	Sierra Loja	84.41	44	∪P	pmax	11 36 47.9 +0.4
C20A	Veseth Ranch, baz=85, SNR=132	84.43	331	P	P	11 36 46.5 -0.8
C20A	Veseth Ranch, baz=85, SNR=132	84.43	331	P	PKKPdf	11 54 55.2 +6.6
I13A	Wildhorse Cree baz=85, SNR=498	84.44	326	P	P	11 36 48.3 +0.8
I13A	Wildhorse Cree	84.44	326	P	PKKPdf	11 54 55.9 +7.6
MCMT	McKenzie Canyo comp=Z,121nm,0.9s,mb5.4	84.48	327	eP	P	11 36 48.0 +0.5
MCMT	McKenzie Canyo	84.48	327	eP	P	11 38 52.1 +2.0
BOZ	Bozeman (W) baz=85, SNR=61	84.50	328	eP	pP	11 36 47.1 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 54 55.5 +7.1
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 46.9 -0.8
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.4
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.8
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 46.9 -0.8
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2
BOZ	Bozeman (W)	84.50	328	eP	pP	11 38 49.8 -0.5
BOZ	Bozeman (W)	84.50	328	eP	pP	11 46 20.3 -6.7
BOZ	Bozeman (W)	84.50	328	eP	pP	11 36 47.8 -0.2

3d 11h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like Marquette Ranc, Jette, D12A, ECHA, etc.

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Table with columns: COR, Name, Time, Status, and other details. Includes entries like Corvallis, Alkurruntz, Ste Jean, etc.

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Table with columns: Name, Time, Status, and other details. Includes entries like KEST, Saint Martin d, Les Rejaudoux, etc.



















az=15.6  
DIA 03 13:58:47.9, 2.0, 3.89S, 126.16E, h3km, MLV4.7/14  
JSC 03 13:58:44.9, 2.0, 3.89S, 0.03:126.21E, 0.03, h15km, 13km,  
n50, r1520/54, mb4.1/15, Buru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like NLAI, KDI, BNDI, etc.

ISC/JB 03 14:22:48.2, 0.8, 10.69N, 0.06:86.17W, 0.06, h10km,  
mb3.6/3, Error ellipse: s-maj=10.5km s-min=5.3km  
az=42.9

CASC 03 14:22:48.2, 0.8, 10.67N, 86.57W, h0km, 15km, MD4.1,  
ML3.8

IDC 03 14:22:49.5, 2.5, 11.61N, 85.67W, h0km, mb3.8/3,  
mb1.4/3.3, mb1mx3.7/18, mbtm3.3/5, Error ellipse:  
s-maj=16.8, s-min=5.2, 1.7km, az=49.0

ISC 03 14:22:49.2, 0.8, 10.73N, 0.06:86.54W, 0.06, h10km, n28,  
r1507/28, mb3.6/3, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SSN, GB53, WCR, etc.

λ-129.00000° N P2:q3:310.00000°, δ49.00000°,  
λ-45.00000°

NEIC 03 14:32:06.8, 3.3, 33.44N, 131.03E, h5km, 18km, mb4.1/2,  
Error ellipse: s-maj=30.7km s-min=11.7km az=67.0  
NEIC Felt at Fukuma and Hita. Recorded [3 JMA] in Fukuoka  
and Oita; [2 JMA] in Saga; [1 JMA] in Kumamoto,  
Miyazaki, Nagasaki and Yamaguchi. Felt info added from  
CII/M reports.

IDC 03 14:32:06.8, 0.9, 33.23N, 130.59E, h0km, mb3.6/7,  
mb1.3/7.8, mb1mx3.6/22, mbtm3.6/8, ML3.3/1, MS3.1/2,  
Ms1.3/1.2, ms1mx2.5/28, Error ellipse: s-maj=31.3km  
s-min=15.0km az=67.0

ISC/JB 03 14:32:07.5, 0.8, 33.38N, 0.03:130.9E, 0.1, h17km, 5km,  
mb3.7/9, Error ellipse: s-maj=14.9km s-min=5.1km  
az=173.1

JMA 03 14:32:07.6, 3.3, 33.8N, 130.90E, h13km, M4.0 Broadband  
fault plane solution: P waves. NP1:q3:317.00000°,  
δ46.00000°, λ-40.00000°. NP2:q3:78.00000°, δ63.00000°,  
λ-128.00000°. Principal axes: T Plg10.0000°,  
Azml194.0000°, N Plg33.0000°, Azm97.0000°; P  
Plg5.0000°, Azm298.0000°;

JMA Felt III JTJ  
ISC 03 14:32:07.8, 0.9, 33.38N, 0.03:130.9E, 0.1, h8km, 5km, n23,  
mb3.7/9, 33.79N, 43.1D, Kyushu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like JNU, JJA, JTA, etc.

NDI 03 14:50:25.7, 5.8, 30.94N, 83.38E, h10km, ML3.5,  
mb3.5(NEIC)

ISC/JB 03 14:50:31.2, 0.5, 30.66N, 0.06:82.82E, 0.06, h10km,  
mb3.4/8, Error ellipse: s-maj=10.1km s-min=5.8km  
az=145.9

IDC 03 14:50:31.2, 0.5, 30.63N, 82.78E, h0km, mb3.5/8,  
mb1.3/8/10, mb1mx3.6/28, mbtm3.6/10, ML3.5/2, Error  
ellipse: s-maj=48.6km s-min=19.6km az=59.0

NEIC 03 14:50:33.1, 0.9, 30.72N, 82.82E, h10km, mb3.5/1, Error  
ellipse: s-maj=20.4km s-min=10.5km az=37.0

ISC 03 14:50:33.1, 0.5, 30.72N, 0.06:82.83E, 0.06, h10km, n23,  
r0598/26, mb3.4/8, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like PTH, JOSI, AYAN, etc.

SONA 03 14:55:24.5, 5.95, 24.5E, PKP Pn 14 55 59.3

KHET Khetri 6.67 248 ex Sb 14 52 29.6

LSA Lhasa 7.27 96 p Pn 14 52 19.4

NIL Nilore 8.63 292 P Pn 14 52 36.1

MKAR Makanchi Array 16.06 359 Pn 14 54 17.6

CMAR Chiang Mai Arr 19.04 126 P Pn 14 54 56.4

KURK Kurchatov 20.22 352 P Pn 14 55 09.1

KURK Kurchatov 20.22 352 P Pn 14 55 08.0

ZALV Zalesovo Beam 23.26 3 P Pn 14 55 40.5

BVAR Borovoye Array 24.07 341 P Pn 14 55 48.6

SONM Songino Array 24.85 40 P Pn 14 55 59.3

ABKAR Abkubul array 25.34 323 P Pn 14 56 02.7

ISC/JB 03 15:04:22.3, 1.0, 7.02N, 0.08:72.76W, 0.07, h180km, 8km,  
mb3.5/2, Error ellipse: s-maj=12.5km s-min=11.3km  
az=2.1

FUNV 03 15:04:22.0, 0.9, 6.91N, 72.98W, h179km, MW2.9  
NEIC 03 15:04:22.0, 0.9, 6.69N, 72.95W, h172km, 12km, Error  
ellipse: s-maj=54.3km s-min=14.0km az=127.0  
IDC 03 15:04:24.1, 2.6, 6.83N, 73.70W, h174km, 16km, mb3.3/2,  
mb1.3/4.3, mb1mx3.1/18, mbtm3.3/3, Error ellipse:  
s-maj=132.5km s-min=20.7km az=101.0

ISC 03 15:04:22.6, 0.9, 6.95N, 72.70W, h179km, 0.07, h168km, 8km,  
r7, r812/5, mb3.5/2, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like CAPV, ELOV, SOCV, etc.

CSEM 03 15:04:57.9, 0.3, 50.29N, 18.82E, h2km, ML3.0/4, Error  
ellipse: s-maj=7.7km s-min=3.4km az=91.0

PRU 03 15:04:59.1, 50.25N, 18.80E, h0km  
WAR 03 15:04:58.3, 50.23N, 18.91E, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like OJC, OKC, MORC, etc.

ISC/JB 03 15:12:05.5, 1.2, 7.25N, 0.1:121.3E, 0.2, h555km, 22km,  
mb3.3/6, Error ellipse: s-maj=33.1km s-min=11.9km  
az=145.3

IDC 03 15:12:05.9, 4.2, 7.07S, 121.43E, h536km, 68km, mb2.8/7,  
mb1.2/2.9, mb1mx2.8/20, mbtm3.2/9, Error ellipse:  
s-maj=11.9km s-min=5.9km az=52.0

NEIC 03 15:12:05.0, 7.7, 12.129E, h535km, 13km, Error  
ellipse: s-maj=21.2km s-min=7.3km az=56.0

ISC 03 15:12:05.4, 1.0, 7.25N, 0.1:121.3E, 0.2, h533km, 19km, n15,  
r055/15, mb3.3/6, Flores Sea

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

IDC 03 14:54:18.5, 2.7, 15.36S, 65.80E, h0km, mb3.7/3,  
mb1.3/9.4, mb1mx3.5/21, mbtm3.8/4, ML4.4/1, MS3.7/1,  
Ms1.3/6.1, ms1mx2.8/25, Error ellipse: s-maj=81.2km  
s-min=32.4km az=165.0, Mid-Indian Ridge

NIED 03 14:32:00, 33.40N, 130.90E, h8km, Mw3.9 Best double  
couple: M8.66000, 1014 NP1:q3:73.00000°, δ58.00000°,









3d 21h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like HEN Hengchun, TYC Yuchir, TAI Yung-kang, etc.

ISCJB 03 20:40:13.7,3.2, 11.0'S;0.1x162.1E;0.2,h89km,24km, mb3.6/9, Error ellipse: s-maj=32.6km s-min=18.9km az=13.1

ISC 03 20:40:14.0,4.8, 10.95'S;162.12E,h81km,36km,mb3.5/8, mb1.3/8,10,mb1mx3.6/20,mbtmp3.6/10,MS3.4/2, Ms1.3/4.2,ms1mx3.0/15, Error ellipse: s-maj=38.4km s-min=21.5km az=109.0

NEIC 03 20:40:14.1,2.1, 10.85'S;162.05E,h80km,16km,mb4.4/2, Error ellipse: s-maj=22.4km s-min=11.5km az=115.0

ISC 03 20:40:14.2,3.1, 10.95'S;162.1E;0.2,h80km,24km,n16, az=079/14,mb3.6/9,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like HNR Honiara, CTAR Charters Tower, STKA Stephens Creek, etc.

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0.5nm,0.7s,baz=70,slow=1.7,SNR=2.9

ICC 03 21:13:20.2,2.4, 41.46'S;173.46E,h53km,20km,mb3.6/4,2, mb1.3/7.3,mb1mx3.5/12,mbtmp3.5/3,ML3.9/2, Error ellipse: s-maj=30.2km s-min=16.6km az=125.0

ISCJB 03 21:13:21.1,0.2, 41.58'S;173.59E;0.04,h80km,4km, mb3.7/3, Error ellipse: s-maj=6.5km s-min=3.1km az=38.7, WEL 03 21:13:22.7,0.1, 41.48'S;173.52E,h62km,1km,ML4.5/2,1, Error ellipse: s-maj=1.3km s-min=1.1km az=0.0

WEL Felt from Wellington to West Coast, maximum reported intensity MM 5.

NEIC 03 21:13:22.4, 41.48'S;173.52E,h64km,mb3.9/1, ML4.5(WEL), After WEL.

NEIC Felt [V] at Blenheim, Nelson and Picton. Felt in the northern part of the South Island and the southern part of the North Island.

ISC 03 21:13:22.3,0.2, 41.57'S;173.59E;0.04,h71km,4km, n101, az=101/102,mb3.7/3,5E-18D, South Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like BSWZ Blackbirch Sta, TUWZ Tuamarina, NNZ Nelson, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like URZ Urewera, JZC Jackson Bay, MWZ Matawai, etc.

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NEIC 03 21:21:1.1, 1.0, 15.55'S;167.71E,h116km,8km,mb4.7/19, Error ellipse: s-maj=7.8km s-min=7.0km az=205.0

ISC 03 21:22:2.4,0.9, 15.60'S;167.72E;0.06,h129km,8km, n147, az=098/66,mb4.4/31,2C-ID, Vanuatu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, NOUC Port Laquerre, NORM Noumea, etc.



Table with columns: BRTR, CSS, BURRO, KOLS, KRVS, VYHNE, MODS, RUP, FETA, DAVA, CDF, FELD, MOF, MIF, HINF, HAU, MEZF, BBS, TUE, SFTF, LOMF, LOMF, AQU, CABF, CUC, FLC, LDF, LOR, GRR, SSF, HYF, LPL, SMF, AVF, CEL, SGMF, ROSF, BGF, MBDF, QUID, PLDF, ORIF, AGO, SAOF, SAOF, TCF, AUTN, TOUF, TOUF, SSB, SBF, PYM, PYM, MFF, VIVF, PGF, FRF, SMRF, LMR, RCF, RJF, LASF, LFF, MTLF, EPF, SJPF, ETSF, KEST, KEST, ESTD, ESDC, TORD, TORD, TORD. Each row contains station name, coordinates, and other data.

Table with columns: HUEN, JTS, MOMM, JCR, LEON, CNGN, CELN, TAGL, PRS1, LAJ, SJS, QCR, URSC, EUS, AGU, RAYC, SDV, ATAH, HKT, LRL, GOGA, OXF, JSC, JSC, SWET, 627A, MIAR, TXAR, TXAR, CPCT, 528A, 428A, 626A, 527A, 526A, 427A, 328A, 426A, 425A, 226A, 325A, 127A, 127A, 227A, MNTX, WCI, CCM, 125A, MSTX, 224A, Y27A, AMTX, Y26A, Y25A, Y24A, Y23A, W25A, ACSO, HDIL, V25A, ANMO, ANMO, U25A, SSPA, U23A, ERPA, JFWF, BINY, S21A, MVCO, T19A, Z13A, T18A, S19A, U16A, ECSD, S18A, S18A, R18A, SRU, P18A, SIV, PDAR, HWUT, AGMM, TPWAU. Each row contains station name, coordinates, and other data.

Table with columns: NVAR, NVAR, H15A, MCMT, WVOR, A15A, F12A, SCHO, SCHO, YKA, INK, ILAR, NOA, MKAR, KRSR, STKA, ASAR, WRA, CMAR, CMAR, SZGRF, NEIC, STKA, STKA, WB2, WRA, ASAR, ASAR, ASAR, FITZ, FITZ, MBWA, MJAR, KKM, YULB, GSPA, SSSL, KSM, PETK, KRSR, NVAR, KULM, PMSA, TXAR, ILAR, PDAR, CMAR, PLCA, MK31, MKAR, ARCS, KIV, BURAR, KOLS, NRDL, BRTR, CRVS, TRPA, CLZ, CLZ, CLZ, CLZ, CLZ, CLZ, BRG, NEUB, KECS, KECS, MLR, DRGR, PLN, TANN, WRER, VERO, VERO, VYHS, GUNZ, GEC2, GEC2, GBS, GBS, VTS. Each row contains station name, coordinates, and other data.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for CASC, ISCJB, IDC, NEIC, ISC, and various station codes.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for ERPA, JFWF, BINY, S21A, MVCO, T19A, Z13A, T18A, S19A, U16A, ECSD, S18A, S18A, R18A, SRU, P18A, SIV, PDAR, HWUT, AGMM, TPWAU.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for NVAR, NVAR, H15A, MCMT, WVOR, A15A, F12A, SCHO, SCHO, YKA, INK, ILAR, NOA, MKAR, KRSR, STKA, ASAR, WRA, CMAR, CMAR, SZGRF, NEIC, STKA, STKA, WB2, WRA, ASAR, ASAR, ASAR, FITZ, FITZ, MBWA, MJAR, KKM, YULB, GSPA, SSSL, KSM, PETK, KRSR, NVAR, KULM, PMSA, TXAR, ILAR, PDAR, CMAR, PLCA, MK31, MKAR, ARCS, KIV, BURAR, KOLS, NRDL, BRTR, CRVS, TRPA, CLZ, CLZ, CLZ, CLZ, CLZ, CLZ, BRG, NEUB, KECS, KECS, MLR, DRGR, PLN, TANN, WRER, VERO, VERO, VYHS, GUNZ, GEC2, GEC2, GBS, GBS, VTS.

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

IDC 03 22:01:37.8±2.1, 6.32S, 129.93E, h0km, mb3.9/1, mb1 3.9/4, mb1mx3.6/17, mbtmp3.7/4, ML3.6/3, Error ellipse: s-maj=95.3km s-min=27.0km az=77.0, Banda Sea

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

ISK 03 22:04:56.1, 39.48N, 37.52E, h4km, MD2.7 CSEM 03 22:04:57.4±0.2, 39.56N, 37.59E, h5km, MD2.8, Error ellipse: s-maj=7.6km s-min=3.3km az=29.0 DDA 03 22:04:57.4, 39.57N, 37.60E, h7km, 1km, MD2.8 ISCBJ 03 22:04:58.2±0.7, 39.61N, 0.06, 37.61E, h10km, Error ellipse: s-maj=8.8km s-min=4.1km az=28.3

ISC 03 22:04:58.2±0.9, 39.58N, 0.06, 37.61E, h2km, 11km, n12, c0586/22, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SCER sogukcermik, SVSK Karacayir, KEMA Kemaliye, etc.

IDC 03 22:09:13.6±1.6, 1.87S, 133.14E, h0km, mb3.8/3, mb1 4.1/5, mb1mx3.7/19, mbtmp4.0/5, ML3.9/2, Error ellipse: s-maj=58.6km s-min=7.7km az=70.0 ISCBJ 03 22:09:15.2±2.8, 2.05S, 0.06, 133.00E, 1.0, h2km, 27km, mb3.7/6, Error ellipse: s-maj=16.0km s-min=9.9km az=170.9 NEIC 03 22:09:19.8±1.8, 1.95S, 133.04E, h44km, 18km, mb3.6/4, Error ellipse: s-maj=9.6km s-min=7.3km az=65.0

ISC 03 22:09:19.1±2.2, 1.97S, 0.08, 133.0E, 0.1, h37km, 22km, n17, c0562/22, mb3.7/6, Irian Jaya region

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

ISCBJ 03 22:21:05.2±3.2, 58.43S, 0.10, 26.1W, 0.1, h83km, 31km, mb4.1/14, Error ellipse: s-maj=16.6km s-min=11.2km az=13.2

IDC 03 22:21:08.7±5.8, 58.58S, 26.26W, h106km, 53km, mb3.8/12, mb1 3.9/12, mb1mx3.8/18, mbtmp3.8/12, Error ellipse: s-maj=20.0km s-min=14.9km az=14.0

NEIC 03 22:21:12.4±2.6, 58.38S, 26.26W, h136km, 26km, mb4.4/9, Error ellipse: s-maj=10.2km s-min=7.4km az=186.0

ISC 03 22:21:07.0±2.8, 58.55S, 0.1, 26.2W, 0.1, h85km, 28km, n38, c095/34, mb4.1/14, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, PMSA Palmer Station, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, CFAA Coronel Fontan, CFAA Sutherland, etc.

IDC 03 22:34:35.9±0.7, 1.29N, 97.12E, h0km, mb4.5/16, mb1 4.5/17, mb1mx4.3/26, mbtmp4.5/17, ML4.6/1, MS4.0/5, s-min=13.6km s-maj=28.3km

DJA 03 22:34:38.1, 2.29N, 96.97E, h5km, MLV4.9/10 MOS 03 22:34:38.9±0.9, 1.33N, 97.25E, h33km, mb5.1/22, Error ellipse: s-maj=12.7km s-min=6.0km az=106.1

BUI 03 22:34:38.5, 1.12N, 97.36E, h34km, mb4.9/26, mb5.0/35, MS4.7/25, MS7 4.6/24 NEIC 03 22:34:39.8±1.7, 1.31N, 97.15E, h26km, 12km, mb4.8/22, Error ellipse: s-maj=6.0km s-min=4.8km az=56.0

NEIC Felt [I] at Gunungstoli. ISCBJ 03 22:34:41.2±0.6, 1.27N, 0.04, 97.14E, 0.04, h53km, 5km, mb4.9/77, MS4.4/16, Error ellipse: s-maj=7.2km s-min=4.7km

ISC 03 22:34:42.7±0.6, 1.26N, 0.03, 97.13E, 0.04, h49km, 5km, h28km, 3.0km, pp-P, n177, c0998/179, mb4.9/77, MS4.4/16, 11C-6D, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TPTI Mandailing Nat, MNSI Tunjungan, SISI Saibi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like KMI Villa Florida, KMI Coronel Fontan, KMI Sutherland, etc.

Table with columns: Station, Time, Res, and various data points. Includes stations like WRA, WBL, KBL, WMQ, ASAR, etc.

Table with columns: Station, Time, Res, and various data points. Includes stations like YAK, VRRH, BRTR, VORD, VSR, etc.

Table with columns: Station, Time, Res, and various data points. Includes stations like MIB, ILIN, KBD, ASAO, etc.

3d 22h

Table with columns for station name, frequency, power, and coordinates. Includes stations like IMRD Marand, BOGSS, BOGSS, IBAF Baifgh, IBAF Baifgh, IBAF Baifgh, etc.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like ASHO Ashiyah, ISRO Mashad, ISRO Mashad, ISRO Mashad, etc.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like VRHR comp=N,70nm,1.3s, VRHR comp=E,20nm,0.7s, VRHR comp=E,130nm,1.0s, etc.

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KEK, Kerkira, SVIS, Svirajnac, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KOLS, KOLONICKE, SDNR, Sundarnagar, etc.

3d 22h

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Likavka, Oljov, Kolacno, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KSP, KUP, KSC, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like FUR, FUR, TANN, etc.









Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like Froberish Bay, Matsushiro, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KNA Kununurra, EYMN Ely, KAKA Kakadu, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like Florina, Bitola, Kruzevo, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Klokotos Trika, Puka, Valandovo, etc.

NIED 03 23:11:00, 24.10N, 122.30E, h26km, Mw3.9 Best double couple: M=6.91000x10^14 NP1=231.00000, 370.00000, 1.55, 000000; NP2=348.00000, 339.00000, 1.447, 000000

IDC 03 23:11:40.2, 1.21, 33.94N, 121.77E, h0km, mb3.7/8, mb1.3/8.9, mb1mx3.7/22, mbtm3.7/9, ML3.5/1, Error ellipse: s-maj=68.3km s-min=17.1km az=65.0

ISCJCB 03 23:11:43.6, 0.4, 24.05N, 0.02, 122.33E, 0.02, h21km, 3km, mb3.7/12, Error ellipse: s-maj=3.0km s-min=2.2km az=149.1

TAP 03 23:11:44.4, 24.12N, 122.27E, h25km, ML4.1, C JMA 03 23:11:45.0, 0.3, 24.15N, 122.29E, h33km, M3.9, NEIC 03 23:11:45.2, 1.2, 24.09N, 122.25E, h38km, 10km, mb3.7/4, Error ellipse: s-maj=15.3km s-min=6.8km az=76.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ENA, HWA, TWD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NSK, EHY, WNF, TWA, YULB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like TWK1, PNG, JMJ, etc.

IDC 03 23:14:39.2, 0.2, 32.33N, 47.28E, h0km, mb4.0/5, mb1.4/0.5, mb1mx3.6/23, mbtm4.0/5, Error ellipse: s-maj=62.7km s-min=24.4km az=153.0

ISCJCB 03 23:14:39.6, 0.4, 32.34N, 0.02, 47.12E, 0.05, h10km, mb3.7/9, Error ellipse: s-maj=6.2km s-min=3.4km az=177.4

KISR 03 23:14:43.3, 0.9, 32.48N, 47.72E, h44km, 999km, ML3.0 SGS 03 23:14:43.3, 32.47N, 47.37E, h12km TEH 03 23:14:43.8, 32.35N, 47.30E, h8km CSEM 03 23:14:43.5, 0.3, 32.42N, 47.35E, h10km, mb3.9/5, Error ellipse: s-maj=9.6km s-min=5.7km az=86.0

NEIC 03 23:14:45.5, 32.41N, 47.36E, h15km, mb3.8, MN3.4(TEH), After TEH. ISC 03 23:14:42.1, 0.3, 32.35N, 0.02, 47.21E, 0.05, h10km, n90, e131/106, mb3.7/9, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IKOM, IGHG, etc.

4d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Damavand, Karakoram, and various other locations.

NEIC 03 23:17:01.5, 19:11N-68:58W, h165km, MD3.8(RSPR), After RSPR.

RSPR 03 23:17:01.5, 19:11N-68:58W, h165km, 3km, MD3.8/9, 6C-7D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Samana, Aguaquilla, and various other locations.

NEIC 03 23:28:56.2, 59:87N-140:16W, h1km, ML3.0(PGC), ML2.9(AEIC), After PGC.

PGC 03 23:28:56.2, 59:87N-140:16W, h1km, ML3.0, 74km northwest of Yakutat, AK Southeastern Alaska, Southwestern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Peninsula, Deception Hill, and various other locations.

IDC 03 23:35:08.8, 4.8, 38:01N-75:34E, h87km, 43km, mb3.6/7, mb1 3.5/13, mb1mx3.4/29, mbmp3.4/13, Error ellipse: s-maj=39.5km s-min=20.1km az=16.0

ISCJB 03 23:35:11.0, 0.4, 38:24N-75:51E, 0.06, h123km, 7km, mb3.6/8, Error ellipse: s-maj=8.4km s-min=3.8km az=168.4

BUI 03 23:35:12.2, 38:30N-75:51E, h131km

NEIC 03 23:35:12.5, 1.4, 38:27N-75:37E, h11km, 12km, mb3.4/3, Error ellipse: s-maj=16.0km s-min=12.4km az=130.0

NNC 03 23:35:14.2, 2.9, 38:61N-74:99E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=23.1km s-min=16.2km az=152.0

ISC 03 23:35:11.3, 0.4, 38:15N-03:75:39E, 0.06, h111km, 6km, n51, r1539/68, mb3.6/8, 4C-4D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kashi, Uchtor, and Almayashu.

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

TIR 03 23:46:55.3, 3.5, 40:65N-20:73E, h6km, 99km, ML3.5

ISC 03 23:47:00.6, 0.4, 40:71N-02:20:72E, 0.03, h0km, 4km, Error ellipse: s-maj=3.8km s-min=3.4km az=41.1

SKO 03 23:47:00.9, 40:72N-20:75E, h15km, M1.8, ML2.2

NEIC 03 23:47:01.1, 40:74N-20:81E, h7km, MD3.6(ATH), After ATH.

THE 03 23:47:01.1, 40:68N-20:72E, h0km, 1km, ML2.1/6, Error ellipse: s-maj=1.6km s-min=0.6km az=272.0

CSEM 03 23:47:01.2, 0.2, 40:66N-20:71E, h8km, ML3.5, Error ellipse: s-maj=3.9km s-min=3.0km az=133.0

ATH 03 23:47:01.7, 40:69N-20:82E, h5km, MD3.5/8

ISC 03 23:47:01.4, 0.4, 40:69N-02:20:72E, 0.03, h6km, 3km, n66, r157/100, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Korca, Nestorio, Florina, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kerkira, Griva, Litokhoron, and various other locations.

BUI 04 00:05:48.7, 30:71N-103:36E, h20km, ML3.6/9

ISC 04 00:05:54.7, 0.9, 30:82N-104:103:87E, 0.06, h10km, n4, r131/11, D, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chengdu, Guiyang, Lanzhou, and various other locations.

ISCJB 04 00:46:08.8, 0.9, 32:47S-0:05:178:61W, 0.09, h36km, 9km, mb4.4/9, MS3.9/5, Error ellipse: s-maj=13.1km s-min=6.8km az=26.2

IDC 04 00:46:12.2, 2.5, 9, 32:20S-178:75W, h41km, 49km, mb4.2/7, mb1 4.4/8, mb1mx4.1/19, mbtrp4.3/8, ML4.01, MS3.8/5, Ms1 3.8/5, ms1mx3.5/15, Error ellipse: s-maj=32.9km s-min=21.8km az=53.0

NEIC 04 00:46:13.8, 1.0, 32:22S-178:70W, h59km, 9km, mb4.4/6, Error ellipse: s-maj=13.3km s-min=9.1km az=125.0

ISC 04 00:46:10.9, 0.8, 32:43S-0:05:178:59W, 0.09, h39km, 8km, n72, r1538/66, mb4.4/9, MS3.9/5, 1D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Raoul Island, CNZG, Matawai, and various other locations.



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

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

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

ISCJB 04 01:19:21.6:0.3, 39:56N:01:21:37E:0:03, h21km, 4km, Error ellipse: s-maj=3.6km s-min=2.5km az=30.0

ATH 04 01:19:21.7, 39:55N:23:82E, h36km, 3km, MD3, 5/25, ML2.5

NEIC 04 01:19:21.7, 39:55N:23:82E, h37km, MG2, S(ATH), After ATH.

CSEM 04 01:19:21.4:0.1, 39:57N:23:87E, h15km, ML2.3/16, Error ellipse: s-maj=2.7km s-min=1.9km az=96.0

THE 04 01:19:21.7, 39:57N:23:86E, h15km, 1km, ML2.3/16, Error ellipse: s-maj=1.3km s-min=0.6km az=84.0

ISC 04 01:19:21.7:0.5, 39:57N:01:23:88E:0:03, h17km, 3km, n128, 0:07/6/178, Aegean Sea

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

ISCJB 04 01:55:28.8:16.0, 36:92N:21:88E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.5/23, mbtmp3.7/4, Error ellipse: s-maj=316.2km s-min=47.9km az=30.0

ISCJB 04 01:55:28.8:0.7, 36:59N:0:03:21:16E:0:03, h26km, 6km, mb3.6/4, Error ellipse: s-maj=5.6km s-min=4.5km az=14.0

CSEM 04 01:55:29.8:0.2, 36:82N:21:29E, h15km, MD3.7, Error ellipse: s-maj=5.0km s-min=4.1km az=31.0

ATH 04 01:55:30.7, 36:69N:21:37E, h32km, 2km, MD3.7/24

THE 04 01:55:30.2, 36:55N:21:35E, h18km, 3km, ML3.3/6, Error ellipse: s-maj=5.5km s-min=2.2km az=189.0

NEIC 04 01:55:31.4, 36:71N:21:43E, h24km, ML3.1(ATH), After ATH.

ISC 04 01:55:29.8:0.9, 36:61N:0:04:21:24E:0:03, h19km, 7km, n174, 0:18/08/198, mb3.6/4, 1C-SD, Southern Greece

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

JMA 04 01:33:45.6:0.7, 44:54N:149:32E, h30km, M4.1, Kuril Islands

NEM2 Nemuro 2 2.84 247 P Pn 01 34 27.6 -1.2

JRA Rausu 3.06 260 eS Pn 01 34 58.3 -3.1

JOR Ashorobuto 4.20 255 P Pn 01 34 48.7 -1.2

JOB Onbets 4.30 250 P Pn 01 34 48.7 -1.2

JCH Jomoh 4.31 265 P Pn 01 34 55.1 +2.2

JEM Erimo 5.16 243 P Pn 01 35 01.3 +0.6

JNB Noboribetsu 6.37 254 P Pn 01 35 18.3 +1.0

JKB Kayabe 6.61 249 P Pn 01 35 20.4 -0.2

JANG Nango 7.12 237 eS Pn 01 35 25.6 -1.2

JTM Tenabayashi 7.14 241 P Pn 01 35 27.7 -0.3

OFU Ofunabashi 7.90 229 P Pn 01 35 35.3 -3.0

NEIC 04 01:49:44.0:4.9, 6:02S:106:32E, h76km, 43km, mb4.0/1, Error ellipse: s-maj=45.2km s-min=10.9km az=50.0

NEIC 04 01:49:46.0:0.5, 6:54S:0:09:106:06E:0:08, h114km, 4km, mb4.0/11, Error ellipse: s-maj=19.5km s-min=6.0km az=38.8

DJA 04 01:49:49.6:6:69S:105:95E, h41km, MLV4.2/12

IDC 04 01:49:51.4:3.5, 5:91S:106:57E, h142km, 31km, mb3.8/11, mb1.3/9/11, mb1mx3.7/22, mbtmp3.8/11, Error ellipse: s-maj=61.7km s-min=10.5km az=46.0

ISC 04 01:49:46.9:0.5, 6:52S:0:10:106:07E:0:08, h109km, 3km, n30, 0:13/30/33, mb4.0/11, Jawa

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





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELL, YER, DNZL, ENKA, DENT, AKAS, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC, MDT, EKA, BBTB, etc.

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

IDC 04 05:13:17.20.0.7, 38.46N:30.34W, h0km, mb3.8/15, mb1.4/0.15, mb1mx3.9/25, mbtmp3.8/15, MS4.0/27, Ms1.4/0.27, ms1mx3.9/35, Error ellipse: s-maj=18.4km s-min=14.8km az=5.0

ISCJB 04 05:13:18.5.1.2, 38.25N:0.06:30.07W:0.04, h23km, 7km, ms3.9/19, MS4.0/27, Error ellipse: s-maj=10.5km s-min=9.3km az=7.3

PDA 04 05:13:18.7.1.1, 38.43N:30.39W, h10km, MD4.2, ML4.1, Error ellipse: s-maj=7.6km s-min=5.7km az=4.0

CSEM 04 05:13:18.6.0.2, 38.32N:30.01W, h10km, ML4.1, Error ellipse: s-maj=10.2km s-min=4.6km az=5.0

NEIC 04 05:13:18.9.0.6, 38.42N:30.30W, h10km, mb4.6/3, Error ellipse: s-maj=13.9km s-min=10.0km az=194.0

ISC 04 05:13:19.3.1.2, 38.37N:0.06:30.00W:0.04, h13km, 7km, n81, c197/98, mb3.9/19, MS4.0/27, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CALA, PCED, HOR, PCAN, etc.

IDC 04 05:19:04.2.3.9, 59.19S:27.62W, h0km, mb4.8/2, mb1.4/8.2, mb1mx3.9/14, mbtmp4.8/2, Error ellipse: s-maj=166.8km s-min=45.6km az=165.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA, TORD, YKA, ILAR, etc.

BUC 04 05:17:12.5.0.5, 45.23N:26.99E, h0km, 7km, MD2.7/6, 10C-4D, Error ellipse: s-maj=6.3km s-min=2.3km az=19.0, Romania

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

IDC 04 05:38:17.8.2.0.3, 1.87S:179.20W, h0km, mb3.7/2, mb1.4/3, mb1mx3.8/17, mbtmp3.9/3, ML4.3/1, Error ellipse: s-maj=49.4km s-min=42.2km az=88.0

ISC 04 05:38:33.7.2.0, 32.49S:0.09:179.9E:0.3, h100km, n37, c1939/38, mb3.6/2, South of Kermadec Islands

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





4d 9h

0.6mm,0.5s,mb3.9,baz=305,slow=8.7,SNR=7.6
ASAR Alice Springs 52.05 131 P 06 55 53.8 +0.1

CSEM 04 07:02:18.8,38.54N,30.28W,h10km,ML2.8,After PDA
PDA 04 07:02:18.8,10.3854N,30.28W,h10km,MD3.6,ML2.8,
Error ellipse: s-maj=27.8km s-min=8.0km az=177.0,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like CALA, ROSA, PCAN, etc.

ISCJB 04 07:02:27.0,9.9,9.92S,0.07:74.00W,0.09,h161km,13km,
mb3.2/6, Error ellipse: s-maj=15.6km s-min=8.9km az=145.3

IDC 04 07:02:27.0,8.9,9.91S,73.95W,h148km,8km,mb3.0/4,
mb1 3.4/9,mb1mx3.4/20,mbtmp3.3/9, Error ellipse:
s-maj=12.4km s-min=11.8km az=32.0

NEIC 04 07:02:27.0,4.9,9.90S,73.95W,mb4.1/1, Error ellipse:
s-maj=10.4km s-min=10.4km az=61.0

ISC 04 07:02:28.0,0.9,9.93S,0.07:73.97W,0.09,h155km,13km,
h150km,3.3km;pP,n15,0.46/15,mb3.2/6,Peru-Brazil
border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like NNA, ATAH, LPAZ, etc.

IDC 04 07:04:36.6,1.8,55.42S,27.89W,h0km,mb4.0/1,
mb1 4.2/1,mb1mx3.7/13,mbtmp4.0/1, Error ellipse:
s-maj=80.0km s-min=34.4km az=7.0

ISCJB 04 07:04:40.4,1.7,55.3S,0.2:28.1W,0.4,h35km,mb3.9/4,
Error ellipse: s-maj=39.7km s-min=24.8km az=34.5

NEIC 04 07:04:42.3,0.9,55.2S,28.01W,h35km,mb4.5/2, Error
ellipse: s-maj=25.6km s-min=20.6km az=143.0

ISC 04 07:04:42.8,1.7,55.2S,0.2:28.1W,0.4,h35km,n9,15/4/6,
mb3.9/4,South Sandwich Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PMSA, CPUP, CFAA, etc.

KRSC 04 07:15:10.0,0.7,55.40N,160.88E,h177km,26km,ML4.1
MOS 04 07:15:10.7,0.8,55.46N,160.70E,h171km,mb4.2/1, Error
ellipse: s-maj=29.4km s-min=12.5km az=75.9

ISCJB 04 07:15:11.2,0.4,55.21N,160.84E,0.09,
h172km,3km,mb3.2/7, Error ellipse: s-maj=9.1km
s-min=4.7km az=26.5

IDC 04 07:15:12.0,2.4,55.64N,160.35E,h168km,27km,mb2.9/7,
mb1 3.2/8,mb1mx3.0/24,mbtmp2.9/8, Error ellipse:
s-maj=38.3km s-min=21.6km az=152.0

NEIC 04 07:15:12.1,3.5,55.61N,160.42E,h169km,15km, Error
ellipse: s-maj=24.1km s-min=11.8km az=165.0

ISC 04 07:15:12.0,2.4,55.41N,160.82E,0.09,h168km,3km,
n31,0.985/47,mb3.2/7,Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like BZMR, ZLN, KPT, etc.

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Table with columns: SRDR, SMKR, SMKR, SRKR, SRKR, etc. Lists stations like Sredinnyy Semkarok, Sorokina, Krutoberegovo, etc.

NEIC 04 07:24:48.6,22.64S,69.82W,h42km,MG3.5(GUC),After
GUC.

GUC 04 07:24:48.6,1.5,22.64S,69.82W,h42km,15km,ML3.5,1D,
Northern Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like MACH, TOCH, MECH, etc.

IDC 04 08:07:46.1,1.0,2.04S,124.20E,h0km,mb4.1/6,
mb1 4.3/7,mb1mx4.0/19,mbtmp4.1/7,ML3.2/1,MS3.0/1,
Ms1 3.2/1,mb1mx2.5/28, Error ellipse: s-maj=54.3km
s-min=18.1km az=67.0

ISCJB 04 08:07:50.0,7.0,6.0,1.9S,0.04:124.30E,0.05,h51km,8km,
mb4.2/10, Error ellipse: s-maj=8.2km s-min=6.9km
az=162.5

DJA 04 08:07:51.0,0.1N,124.36E,h52km,MLv4.7/9

NEIC 04 08:07:52.7,1.8,0.22S,124.33E,h53km,19km,mb4.6/4,
Error ellipse: s-maj=16.7km s-min=7.9km az=50.0

ISC 04 08:07:51.9,0.6,16S,0.04:124.32E,0.05,h44km,9km,
n27,0.193/29,mb4.2/10,Southern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MNI, LWI, etc.

KAKA Kaka 14.17 277 ePn Sn 08 11 18.6 -0.4

FITZ Fitzroy Crossi 17.88 176 Pn Sn 08 11 54.2 -3.1

MBWA Marble Bar 21.35 192 ePn Sn 08 12 35.5 +0.1

WRA Warramunga Arr 21.97 154 P Pn 08 12 40.8 -1.3

COEN Coen 23.16 127 ePn P 08 12 55.1 +0.3

ASAR Alice Springs 25.15 159 P Pn 08 13 13.1 0.0

CTAO Charters Tower 29.21 134 ePn P 08 13 47.9 -1.7

FORT Fort 30.66 174 ePn P 08 14 02.2 -0.1

CMAR Cham Mail Arr 31.05 308 P Pn 08 14 06.1 +0.2

STKA Stephens Creek 35.2 154 P Pn 08 14 45.4 +0.7

MJAR Matsushiro Arr 38.72 18 P Pn 08 15 12.9 +1.2

MKAR Makanchi Array 49.45 328 P Pn 08 15 53.2 +0.2

JMA 04 08:07:53.2,0.8,44.76N,148.95E,h30km,M3.8,Kuril
Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like NEM2, NEM2, etc.

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JKB eS Sn 08 10 31.1 -7.4

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

IDC 04 08:35:42.1,6.9,18.25S,177.29W,h0km,mb3.4/3,
mb1 3.8/11,mb1mx3.6/16,mbtmp3.7/11,ML3.4/2,MS2.9/1,
Ms1 2.9/1,ms1mx1.9/39, Error ellipse: s-maj=45.0km
s-min=20.5km az=159.0

NEIC 04 08:42:44.6,0.7,32.33N,47.21E,h10km,mb3.6/1,
ML3.3(TH), Error ellipse: s-maj=12.4km s-min=7.0km
az=175.0

KISR 04 08:42:45.0,0.8,32.05N,45.82E,h18km,999km,ML2.9

CSEM 04 08:42:46.0,0.2,32.43N,47.23E,h10km,ML3.3, Error
ellipse: s-maj=7.9km s-min=5.7km az=85.0

TEH 04 08:42:47.0,0.32,39N,47.23E,h11km

ISC 04 08:42:46.4,1.1,32.43N,0.03:47.23E,0.04,h12km,7km,
n60,0.123/24,mb3.6/10,Iran-Iraq border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like SHGR, IKOM, TXAR, etc.

IDC 04 08:07:46.1,1.0,2.04S,124.20E,h0km,mb4.1/6,
mb1 4.3/7,mb1mx4.0/19,mbtmp4.1/7,ML3.2/1,MS3.0/1,
Ms1 3.2/1,mb1mx2.5/28, Error ellipse: s-maj=54.3km
s-min=18.1km az=67.0

ISCJB 04 08:07:50.0,7.0,6.0,1.9S,0.04:124.30E,0.05,h51km,8km,
mb4.2/10, Error ellipse: s-maj=8.2km s-min=6.9km
az=162.5

DJA 04 08:07:51.0,0.1N,124.36E,h52km,MLv4.7/9

NEIC 04 08:07:52.7,1.8,0.22S,124.33E,h53km,19km,mb4.6/4,
Error ellipse: s-maj=16.7km s-min=7.9km az=50.0

ISC 04 08:07:51.9,0.6,16S,0.04:124.32E,0.05,h44km,9km,
n27,0.193/29,mb4.2/10,Southern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MNI, LWI, etc.

KAKA Kaka 14.17 277 ePn Sn 08 11 18.6 -0.4

FITZ Fitzroy Crossi 17.88 176 Pn Sn 08 11 54.2 -3.1

MBWA Marble Bar 21.35 192 ePn Sn 08 12 35.5 +0.1

WRA Warramunga Arr 21.97 154 P Pn 08 12 40.8 -1.3

COEN Coen 23.16 127 ePn P 08 12 55.1 +0.3

ASAR Alice Springs 25.15 159 P Pn 08 13 13.1 0.0

CTAO Charters Tower 29.21 134 ePn P 08 13 47.9 -1.7

FORT Fort 30.66 174 ePn P 08 14 02.2 -0.1

CMAR Cham Mail Arr 31.05 308 P Pn 08 14 06.1 +0.2

STKA Stephens Creek 35.2 154 P Pn 08 14 45.4 +0.7

MJAR Matsushiro Arr 38.72 18 P Pn 08 15 12.9 +1.2

MKAR Makanchi Array 49.45 328 P Pn 08 15 53.2 +0.2

JMA 04 08:07:53.2,0.8,44.76N,148.95E,h30km,M3.8,Kuril
Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like NEM2, NEM2, etc.

NEIC 04 09:04:38.5,6.0,56.01S,28.60W,h272km,58km, Error
ellipse: s-maj=24.3km s-min=22.6km az=143.0

IDC 09:04:36.5,6.7,56.06S,28.61W,h252km,56km,mb3.6/4,
mb1 3.7/4,mb1mx3.3/15,mbtmp3.6/4, Error ellipse:
s-maj=23.3km s-min=20.8km az=41.0,South Sandwich
Islands region









4d 9h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like BILIBINO, SKLM, TTA, SONM, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like MWC, WRAK, WFRK, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like WVOR, WYMA, IRM, etc.

S14A	baz=89, SNR=98	89.45	51	P	P	09 49 31.2 +0.7
W15A	Cedar City baz=90, SNR=27	89.47	54	↓P	P	09 49 32.0 +1.4
Z16A	Williams baz=90, SNR=9.7	89.56	56	P	P	09 49 31.8 +0.3
V15A	Peralta Trail, baz=90, SNR=43	89.71	53	P	P	09 49 32.3 +0.6
Q14A	Kaibab Nationa baz=90, SNR=87	89.71	50	P	P	09 49 31.8 +0.2
R14A	Sevier Lake (B baz=90, SNR=200	89.71	51	P	P	09 49 32.6 +1.0
I12A	James Farms, M baz=90, SNR=16	89.73	45	↓P	P	09 49 31.4 -0.2
Y16A	Atlanta baz=90, SNR=134	89.76	55	P	P	09 49 32.9 +0.9
Z17A	Circle Bar Ran baz=90, SNR=99	89.77	58	P	P	09 49 32.6 +0.5
U15A	Green Valley baz=90, SNR=78	89.77	53	P	P	09 49 32.6 +0.6
NEW	North Rim baz=90, SNR=143	89.78	40	P	P	09 49 31.1 -0.6
NEW	Newport baz=90, SNR=108	89.78	40	eP	P	09 49 31.1 -0.6
NEW	Newport comp=Z, 115nm, 1.0s				pmx	
NEW	Newport comp=Z, 115nm, 1.0s, mb5.4	89.78	40	eP	P	09 49 31.1 -0.7
T15A	Tucson comp=Z, 115nm, 1.0s, mb5.4	89.82	56	P	P	09 49 32.5 +0.2
X16A	Red Dirt Ranch baz=90, SNR=63	89.92	55	P	P	09 49 33.1 +0.4
TUC	Lo Min Camp, P baz=90, SNR=31	89.93	57	eP	pP	09 49 32.7 -0.1
TUC	Tucson			eP	pmx	09 50 37.9 -0.3
TUC	Tucson			eP	pmx	
TUC	Tucson comp=Z, 80nm, 1.2s, mb5.4	89.93	57	eP	P	09 49 32.7 -0.1
TUC	Tucson comp=Z, 80nm, 1.2s, mb5.4			eP	pP	09 50 37.9 -0.3
DANN	Dangsing comp=Z, 53nm, 0.8s, mb5.4	89.94	298	eP	P	09 49 32.1 -0.8
KOLN	Koldanda comp=Z, 24nm, 0.9s, mb5.0	89.94	299	eP	P	09 49 32.3 -0.6
G12A	Big Creek, Yel baz=90, SNR=6	90.00	44	↑P	P	09 49 32.6 -0.2
W16A	Flagstaff baz=90, SNR=43	90.03	54	↑P	P	09 49 33.4 +0.2
P14A	Drum Mountains baz=90, SNR=82	90.03	50	P	P	09 49 32.8 -0.3
I17A	Oracle baz=90, SNR=81	90.03	57	P	P	09 49 33.7 +0.5
S15A	Panguitch baz=90, SNR=31	90.05	52	P	P	09 49 34.2 +1.0
H12A	Diamond D Ranc baz=90, SNR=14	90.14	44	↓P	P	09 49 33.4 -0.1
HLID	Hailey baz=90, SNR=139	90.17	45	P	P	09 49 33.8 +0.2
HLID	Hailey comp=Z, 93nm, 1.0s, mb5.6	90.17	45	eP	P	09 49 33.8 +0.1
C11A	Tepee Creek (N baz=90)	90.20	41	↓P	P	09 49 33.6 -0.1
E12A	Beaver Dam Sad baz=90)	90.22	42	↓P	P	09 49 33.2 -0.6
Y17A	Roosevelt baz=90, SNR=43	90.22	56	P	P	09 49 34.9 +0.7
F12A	Elk City baz=90, SNR=216	90.23	43	P	P	09 49 33.2 -0.7
R15A	Junction baz=90, SNR=20	90.25	51	P	P	09 49 35.3 +1.2
WUAZ	Wupakti baz=90, SNR=48	90.26	54	P	P	09 49 34.6 +0.3
WUAZ	Wupakti comp=Z, 82nm, 1.0s, mb5.3	90.26	54	eP	P	09 49 34.5 +0.2
J13A	Cove Ranch, Pi baz=90, SNR=87	90.28	46	P	P	09 49 34.5 +0.3
318A	Bisbee baz=90, SNR=83	90.37	58	P	P	09 49 35.2 +0.3
DUG	Dugway baz=90, SNR=67	90.38	49	P	P	09 49 34.5 -0.2
DUG	Dugway			eP	pmx	09 49 34.3 -0.4
DUG	Dugway comp=Z, 126nm, 1.5s, mb5.5	90.38	49	eP	pmx	
DUG	Dugway comp=Z, 126nm, 1.5s, mb5.5			eP	pmx	
Q15A	Fillmore baz=90, SNR=25	90.38	50	↓P	P	09 49 34.4 -0.3
MSU	Maryvale baz=90, SNR=88	90.41	51	eP	P	09 49 35.5 +0.6
X17A	Forest Lakes baz=90, SNR=88	90.41	55	P	P	09 49 35.7 +0.7
BGU	Big Grassy Mou comp=Z, 64nm, 1.0s, mb5.4	90.42	48	eP	P	09 49 34.5 -0.3
Z17A	San Carlos Hig baz=90, SNR=12	90.42	56	P	P	09 49 36.0 +1.0
218A	Draogon baz=90, SNR=100	90.45	57	P	P	09 49 35.7 +0.5
I13A	Wildhorse Cree baz=90, SNR=228	90.47	45	P	P	09 49 35.3 +0.3
T16A	Glen Canyon Da baz=90, SNR=16	90.53	52	P	P	09 49 36.5 +1.1
D12A	Red Ives Fores baz=91	90.55	42	↑P	P	09 49 34.8 -0.5
H13A	Challis baz=91, SNR=192	90.56	45	P	P	09 49 35.4 0.0
L14A	Malta baz=91, SNR=193	90.57	47	P	P	09 49 35.7 +0.2
INK	Inuvik	90.58	19	eP	P	09 49 33.4 -1.6
INK	Inuvik comp=Z, 38nm, 1.6s, mb5.3			eP	pmx	
INK	Inuvik comp=Z, 38nm, 1.6s, mb5.3	90.58	19	eP	pmx	09 49 33.4 -1.6
U16A	Tuba City baz=91, SNR=66	90.61	53	P	P	09 49 36.2 +0.3
P15A	Leamington baz=91, SNR=16	90.61	50	P	P	09 49 36.2 +0.4
S16A	Weppner Ranch, baz=91, SNR=66	90.65	52	P	P	09 49 36.0 0.0
O15A	The Old Anders baz=91, SNR=94	90.66	49	P	P	09 49 36.6 +0.7
C12B	Naegeli Ranch, baz=91, SNR=46	90.67	41	P	P	09 49 35.5 -0.4
W17A	Winslow baz=91, SNR=11	90.67	54	↓P	P	09 49 37.3 +1.1
I18A	Homack Ranch, baz=91	90.67	57	↑P	P	09 49 36.7 +0.5
J14A	Carey baz=91, SNR=59	90.72	46	↓P	P	09 49 36.7 +0.5
G13A	Cobalt baz=91, SNR=130	90.73	44	P	P	09 49 35.9 -0.2
Z18A	Geromino baz=91, SNR=12	90.73	56	P	P	09 49 37.0 +0.5
K14A	Jones Ranch, D baz=91, SNR=167	90.75	47	P	P	09 49 36.6 +0.2
N15A	Stansbury Isla baz=91, SNR=47	90.78	48	P	P	09 49 36.5 0.0
B12A	Libby baz=91	90.82	40	↑P	P	09 49 36.6 +0.1
HVU	Hansel Valley comp=Z, 180nm, 1.1s, mb5.8	90.83	47	eP	pmx	09 49 37.2 +0.4
HVU	Hansel Valley comp=Z, 180nm, 1.1s, mb5.8	90.83	47	eP	pmx	09 49 37.2 +0.4
WMQ	Urumqi	90.83	315	P	P	09 49 36.0 -0.7
WMQ	Urumqi			pP	pP	09 50 45.0 +2.8
WMQ	Urumqi			PP	PP	09 53 18.0 +1.1
WMQ	Urumqi			SS	SS	09 59 38.0
WMQ	Urumqi			SS	SS	10 06 16.0 -3.5
WMQ	Urumqi comp=Z, 61nm, 1.2s, mb5.3				pmx	
WMQ	Urumqi comp=Z, 160nm, 9.0s				pmx	
WMQ	Urumqi comp=N, 260nm, 25.0s			LR	LR	
WMQ	Urumqi comp=E, 480nm, 25.0s			LR	LR	
WMQ	Urumqi comp=Z, 320nm, 25.0s			LR	LR	
NLU	North Lily Min comp=Z, 74nm, 1.1s, mb5.4	90.86	49	eP	P	09 49 37.3 +0.4
NLU	North Lily Min			eP	pP	09 50 41.6 -0.8
R16A	Teasdale baz=91, SNR=90	90.88	51	P	P	09 49 37.8 +0.7
Y18A	Canyon Day Jun baz=91, SNR=42	90.90	56	P	P	09 49 37.7 +0.5
A12A	Yaak River Ran baz=91, SNR=53	90.92	40	P	P	09 49 37.0 0.0
I14A	Mackay baz=91, SNR=135	90.94	45	P	P	09 49 37.5 +0.3
319A	Douglas	90.94	58	P	P	09 49 38.4 +0.9

SPUT	South Promonto comp=Z, 93nm, 1.3s, mb5.5	90.94	48	eP	P	09 49 37.7 +0.4
M15A	Larsen Ranch, baz=91, SNR=86	90.98	48	P	P	09 49 37.7 +0.2
NOQ	North Oquirrh comp=Z, 80nm, 1.1s, mb5.5	91.01	49	eP	P	09 49 38.3 +0.7
SYO	Syowa Base baz=92, SNR=197	91.05	197	eP	P	09 49 34.4 -2.9
T17A	Navajo Res., N baz=91, SNR=82	91.07	52	P	P	09 49 38.3 +0.3
P16A	Fountain Green baz=91, SNR=16	91.08	50	P	P	09 49 38.8 +0.9
U17A	Shonto baz=91, SNR=16	91.09	53	↑P	P	09 49 38.5 +0.5
Z19A	White Tail Can baz=91, SNR=106	91.11	58	P	P	09 49 38.5 +0.2
E13A	Victor baz=91, SNR=63	91.14	43	↓P	P	09 49 37.2 -0.8
X18A	Snowflake baz=91, SNR=41	91.14	55	P	P	09 49 38.6 +0.2
D13A	Huson baz=91, SNR=35	91.15	42	P	P	09 49 37.4 -0.6
BSMT	Malad City baz=91, SNR=76	91.15	41	eP	P	09 49 37.5 -0.5
L15A	Malad City baz=91, SNR=76	91.17	47	P	P	09 49 38.1 -0.2
H14A	Leadore baz=91, SNR=144	91.18	45	P	P	09 49 38.5 +0.1
MPU	Maple Canyon comp=Z, 80nm, 1.2s, mb5.4	91.20	49	eP	P	09 49 39.2 +0.7
MPU	Maple Canyon			eP	pP	09 50 43.7 -0.3
S17A	Black Ridge (B baz=91, SNR=35	91.23	52	P	P	09 49 38.6 -0.1
C13A	Hot Springs baz=91, SNR=37	91.24	41	P	P	09 49 37.7 -0.8
K15A	Arbon baz=91, SNR=41	91.25	47	P	P	09 49 38.9 +0.2
I19A	Ashtack Ranch, baz=91, SNR=15	91.25	57	↑P	P	09 49 39.3 +0.4
Q16A	Castle Valley baz=91, SNR=25	91.27	51	P	P	09 49 39.3 +0.5
CTU	Camp Tracy comp=Z, 77nm, 1.2s, mb5.5	91.29	49	eP	P	09 49 39.6 +0.7
G14A	Jackson baz=91, SNR=84	91.29	44	P	P	09 49 38.7 -0.1
TMUT	Trail Mountain comp=Z, 77nm, 1.2s, mb5.5	91.34	50	eP	P	09 49 40.0 +0.8
MSO	Missoula baz=91, SNR=21	91.41	42	P	P	09 49 38.7 -0.6
MSO	Missoula comp=Z, 12nm, 0.8s, mb4.3	91.41	42	eP	P	09 49 38.6 -0.7
V18A	Genado baz=92, SNR=38	91.44	54	P	P	09 49 40.0 +0.3
JTMT	Jette baz=91, SNR=16	91.45	41	eP	P	09 49 38.8 -0.6
BLMT	Blacktail Moun baz=91, SNR=17	91.47	41	eP	P	09 49 39.5 0.0
JLU	Jordanville comp=Z, 170nm, 1.8s, mb5.6	91.49	49	eP	P	09 49 39.7 -0.1
R17A	Hanksville Air baz=92, SNR=70	91.50	51	P	P	09 49 39.9 0.0
J15A	Blackfoot baz=92, SNR=58	91.51	46	P	P	09 49 40.4 +0.5
B13A	Whitefish baz=92, SNR=57	91.51	41	P	P	09 49 39.6 -0.1
F14A	Wisdom baz=92, SNR=32	91.51	43	↑P	P	09 49 39.5 -0.3
M16A	Huntsville baz=92, SNR=16	91.54	48	↑P	P	09 49 39.9 -0.2
320A	Kipp Ranch, An baz=92, SNR=92	91.56	58	P	P	09 49 41.0 +0.6
SWMT	Swiss Lake baz=92, SNR=52	91.56	42	eP	P	09 49 39.6 -0.4
Y19A	Nutrosio baz=92, SNR=50	91.57	56	P	P	09 49 41.1 +0.7
N16A	Rees Ranch, Co baz=92, SNR=52	91.57	49	↓P	P	09 49 40.5 +0.3
DAU	Daniels Canyon baz=92, SNR=18	91.59	49	eP	P	09 49 40.5 +0.2
E14A	Clinton baz=92, SNR=53	91.59	43	P	P	09 49 39.6 -0.6
MCMT	McKenzie Canyo comp=Z, 26nm, 1.2s, mb5.9	91.60	45	eP	P	09 49 40.1 -0.1
I15A	Montevieu baz=92, SNR=52	91.63	45	↓P	P	09 49 40.9 +0.5
YBMT	Yellow Bay baz=92, SNR=52	91.66	41	eP	P	09 49 39.9 -0.5
HWUT	Hardware Ranch comp=Z, 93nm, 1.4s, mb5.2	91.66	48	eP	P	09 49 40.3 -0.3
U18A	Rough Rock, Ch baz=92, SNR=31	91.66	53	↑P	P	09 49 40.5 -0.2
H15A	Lima baz=92, SNR=113	91.68	45	P	P	09 49 40.8 +0.2
Z20A	Playas Peak, P baz=92, SNR=24	91.69	58	↓P	P	09 49 41.4 +0.4
A13A	Flathead Natio baz=92, SNR=9.4	91.70	40	↑P	P	09 49 40.7 +0.1
P17A	Butter Ranch, baz=92, SNR=9.4	91.74	50	↑P	P	09 49 41.6 +0.6
120A	U Bar Ranch, L baz=92, SNR=15	91				





Table with columns: Call sign, Name, Frequency, Mode, and other technical details. Includes stations like PSZ, GZR, GZR, VYHS, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other technical details. Includes stations like CALN, PGF, SRF, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other technical details. Includes stations like PCVE, EGVE, EI Granado, etc.

Table with columns: JAK, AKK, JAK, JTKR, JAR, JAR, JCH, JCH, JKK2, JNKB, JNKB, JKB, JKB, JOT, JOT. Includes station names, coordinates, and status.

Table with columns: TXAR, CMAR, BRTR. Includes station names, coordinates, and status.

ISCJB 04 11:29:20.6±1.2, 15:35N±0.08:95:72W±0.04, h30km±8km, Error ellipse: s-maj=14.2km s-min=5.4km az=17.5...

MEX 04 11:25:22.7±0.7, 16:31N±0.75W±h20km±6km, MD3.9

NEIC 04 11:29:22.7, 15:31N±95:75W, h20km, MD3.9(MEX), After MEX.

ISC 04 11:29:20.9±1.4, 15:35N±0.09:95:72W±0.02, h2km±10km, n17, ±0.81/33, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like HUIG, CMIG, VHO, etc.

NEIC 04 11:56:50.9, 16:01N±97:57W, h16km, MD3.9(MEX), After MEX.

MEX 04 11:56:50.9±1.2, 16:01N±97:57W, h16km±46km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like PNIG, VHO, HUIG, etc.

ISC 04 10:52:41.6±2.6, 21:16N±143:30E, h284km±29km, mb3.0/7, mb1 3.4/7, mb1mx3.0/22, mbtmp3.2/7, Error ellipse: s-maj=57.0km s-min=14.0km az=105.0, Mariana Islands region

Code Station Name Δ° AZ' Phase ID Time Res

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like CBIJ, WRA, FITZ, ASAR, YKA, ARCES, NVAR, etc.

ISC 04 11:06:03.9, 21:18S±179:19W, h576km, 3.7km, mb3.0/7, mb1 3.2/7, mb1mx3.0/18, mbtmp3.0/7, Error ellipse: s-maj=91.1km s-min=28.5km az=141.0

ISCJB 04 11:06:05.4±2.1, 21:35S±179:30W±0.6, h617km±26km, mb3.7/7, Error ellipse: s-maj=133.4km s-min=28.1km az=139.3

NEIC 04 11:06:06.3, 9, 21:39S±179:21W, h607km±21km, Error ellipse: s-maj=98.5km s-min=21.7km az=140.0

ISC 04 11:06:06.2±5.0, 21:45S±179:22W±0.6, h608km±27km, n11, ±0.69/10, mb3.7/7, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like MSVF, CTA, CTAO, STKA, ASAR, ASAR, ASAR, WB2, WRA, FITZ, CMAR, ILAR, BRTR, etc.

ISCJB 04 11:14:35.1±2.2, 19:45S±177:8W±0.3, h566km±19km, mb3.5/7, Error ellipse: s-maj=94.9km s-min=16.0km az=156.1

ISC 04 11:14:35.9±9.9, 19:25S±177:82W, h561km±70km, mb3.1/7, mb1 3.4/7, mb1mx3.1/17, mbtmp3.1/7, Error ellipse: s-maj=86.4km s-min=24.2km az=157.0

NEIC 04 11:14:35.8±1.9, 19:40S±177:76W, h562km±13km, Error ellipse: s-maj=87.7km s-min=11.7km az=156.0

ISC 04 11:14:35.9±2.2, 19:45S±177:8W±0.3, h561km±18km, n12, ±0.58/11, mb3.5/7, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like MSVF, AF, CTAO, STKA, WB2, WRA, ASAR, ASAR, FITZ, NVAR, etc.

Table with columns: CMAR, WRA, ASAR, SONM, MKAR, KURK, ZALV. Includes station names, coordinates, and status.

ATH 04 12:20:04.1, 36:65N±21:30E, h26km±3km, MD3.2/9

ISC 04 12:20:07.1±1.2, 36:69N±0.06:21:51E±0.08, h26km±5km, Error ellipse: s-maj=11.0km s-min=10.1km az=13.4

CSEM 04 12:20:07.1±0.4, 36:69N±21:48E, h20km, MD3.2, Error ellipse: s-maj=8.4km s-min=6.5km az=35.0

THE 04 12:20:08.2, 36:72N±21:55E, h19km±1km, Error ellipse: s-maj=5.0km s-min=1.4km az=141.0

ISC 04 12:20:07.1±1.3, 36:65N±0.06:21:51E±0.08, h21km±7km, n12, ±0.98/59, Southern Greece

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like PVL, ITM, VLL, VLS, etc.

ISC 04 12:27:13.7±4.7, 0, 15:33S±179:62W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.8/16, mbtmp4.3/3, Error ellipse: s-maj=863.9km s-min=146.7km az=75.0, Fiji Islands region

Code Station Name Δ° AZ' Phase ID Time Res

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like STKA, WRA, ASAR, etc.

NIED 04 12:40:00.37:00N±141:80E, h20km, Mw4.2 Best double couple: M2.25000±0.1015 NP1±0.220000±0.7300000±.79100000±. NP2±0.2000000±0.81700000±.8800000±.

ISC 04 12:43:40.5±0.6, 36:94N±141:65E, h50km, mb4.2/20, mb1 4.3/26, mb1mx4.3/31, mbtmp4.2/26, ML3.9/6, M53.1/5, M51 3.1/5, ms1mx2.9/31, Error ellipse: s-maj=15.9km s-min=12.1km az=106.0

ISCJB 04 12:43:42.5±0.9, 36:95N±0.03:141:80E±0.05, h27km±5km, mb4.5/44, Error ellipse: s-maj=6.2km s-min=4.8km az=12.8

MOS 04 12:43:43.3±1.1, 36:95N±141:68E, h33km, mb4.8/13, Error ellipse: s-maj=10.3km s-min=8.6km az=113.9

BUI 04 12:43:44.3, 36:91N±141:39E, h29km, mb4.8/3, mb4.8/13, Ms4.6/2, Ms7.4/4/2

JMA 04 12:43:44.3, 36:98N±141:65E, h50km±2km, M4.4 JMA Felt J1

NEIC 04 12:43:44.7, 36:98N±141:65E, h50km, mb4.6/6, MV4.2(NIED), After JMA

ISC 04 12:43:43.4±1.5, 36:98N±0.03:141:74E±0.04, h18km±9km, n8±, ±0.80/97, mb4.5/44, 2C-12D, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like ONAJ, JAG, JHO, JMM, JFT, JYT, JSB, CHOU, JIO, JOU, JFY, JAG, JKT, MJAR, MJAR, MAJO, MAT, MAT, etc.



4d 12h

2008 SEP

Table with columns: Station, Time, Value, Unit, Direction, Station, Time, Value, Unit, Direction. Includes stations like Chengdu, Chiang Mai, Lanzhou, Kunming, etc.

Table with columns: Station, Time, Value, Unit, Direction, Station, Time, Value, Unit, Direction. Includes stations like NVS, ENH, BTO, AKTK, etc.

Table with columns: Station, Time, Value, Unit, Direction, Station, Time, Value, Unit, Direction. Includes stations like KIV, KIV, NJ2, etc.

KLMR	Klimovskoe	40.77 331	eP	P	13 00 51.6	-0.8
MDJ	Mudanjiang	41.02 55	P	P	13 00 54.3	-0.4
MDJ			pP	pP	13 00 57.4	+0.1
MDJ			sP	sP	13 00 58.8	+0.2
MDJ			PP	PP	13 02 26.3	-2.9
MDJ			PcP	PcP	13 02 54.5	-0.1
MDJ			S	S	13 07 06.5	-0.5
MDJ	comp=Z,7.0nm,1.3s,mb4.1		pmax	pmax		
MDJ	comp=Z,8.6nm,5.3s		pmax	pmax		
MDJ	comp=N,670nm,14.1s,MS4.7		LR	LR		
MDJ	comp=E,200nm,11.5s,MS4.7		LR	LR		
MDJ	comp=Z,470nm,14.9s,MS4.5		LR	LR		
MDJ	Mudanjiang	41.02 55	eP	P	13 00 54.4	-0.3
MDJ	comp=Z,4.2nm,0.5s,mb4.3					
KKM	Kota Kinabalu	41.40 118	eP	P	13 00 57.8	-0.3
JOW	Kunigami	41.97 82	eP	P	13 01 06.2	+3.5
TLCR		42.72 305	P	P	13 01 08.4	-0.2
TLCR		42.72 305	P	P	13 01 08.4	-0.2
KIS	Kishinev	42.30 87	eP	P	13 01 08.0	-1.3
KIS		42.30 87	eS	S	13 07 29.0	-4.6
KIS		42.30 87	eL	L	13 19 08.0	
KIS		42.30 87	LRM			
KIS	comp=Z,300nm,18.0s					
KIS	Kishinev	42.81 308	eP	P	13 01 08.0	-1.3
KIS		42.81 308	eS	S	13 07 29.0	-4.6
KIS		42.81 308	MLR	MLR		
KIS	comp=Z,300nm,18.0s,MS4.2		MLR	MLR		
KIS	comp=Z,300nm,18.0s		MLR	MLR		
KLR	Kul'dur	42.90 49	eP	P	13 01 05.8	-4.2
KLR		42.90 49	eP	P	13 01 05.8	-4.2
KLR	comp=N,500nm,13.0s,MS5.0		MLR	MLR		
KLR	comp=E,1µm,13.0s,MS5.0		MLR	MLR		
KLR	comp=Z,2µm,13.0s,MS5.1		MLR	MLR		
AKASG	Malin Array Be	42.95 313	P	P	13 01 09.3	-1.1
AKASG	Malin Array Be	42.95 313	P	P	13 01 09.3	-1.1
AKASG	comp=Z,15nm,0.7s		pmax	pmax		
AKKB	Malin Array Si	42.95 313	eP	P	13 01 09.7	-0.7
KIEV	Kiev	42.96 313	eP	P	13 01 10.6	+0.1
KIEV		42.96 313	eP	P	13 01 10.6	+0.1
KIEV	comp=Z,300nm,0.8s,mb5.1					
KIEV	Kiev	42.96 313	eP	P	13 01 10.6	+0.1
TIRR	Tirgusor	42.98 304	P	P	13 01 11.6	+0.9
TIRR		42.98 304	P	P	13 01 11.6	+0.9
CFR	Carcaliu	43.20 305	P	P	13 01 13.1	+0.6
CFR	Carcaliu	43.20 305	P	P	13 01 13.1	+0.6
PRD	Provadia	43.71 302	P	P	13 01 17.8	+1.1
VRI	Vrincioiaia	44.20 306	P	P	13 01 21.7	+1.1
VRI	Vrincioiaia	44.20 306	P	P	13 01 21.7	+1.1
PJOR	Plostinia	44.26 306	P	P	13 01 21.6	+0.6
PJOR	Plostinia	44.26 306	P	P	13 01 22.4	+1.4
PJOR	Plostinia	44.26 306	P	P	13 01 22.4	+1.4
MCGM	Minsk	44.41 319	eP	P	13 01 22.0	-0.1
MNK	Minsk	44.44 319	eP	P	13 01 22.0	-0.3
MLR	Muntele Rosu	44.75 306	P	P	13 01 26.2	+1.3
MLR	Muntele Rosu	44.75 306	P	P	13 01 26.2	+1.3
YAK	Yakutsk	44.93 30	eP	P	13 01 27.6	+1.5
YAK		44.93 30	eP	P	13 01 27.6	+1.5
YAK	comp=Z,59nm,1.1s,mb5.3		pmax	pmax		
YAK	comp=N,12nm,0.9s		pmax	pmax		
YAK	comp=E,24nm,1.1s		pmax	pmax		
YAK	Yakutsk	44.93 30	eP	P	13 01 26.9	+0.8
HABR	Khabarovsk	45.00 50	eP	P	13 01 28.7	+1.8
HABR		45.00 50	eSS	sS	13 08 02.0	-0.2
HABR		45.00 50	eSS	sS	13 12 10.2	
HABR	comp=E,27nm,1.9s		pmax	pmax		
HABR	comp=Z,15nm,0.9s,mb4.8		pmax	pmax		
HABR	comp=N,5.0nm,0.7s		MLR	MLR		
HABR	comp=Z,375nm,16.0s,MS4.4		MLR	MLR		
DOPF	Dopca	45.14 306	P	P	13 01 29.6	+1.6
JOF	Joensuu	45.17 331	eP	P	13 01 29.8	-1.2
JOF		45.17 331	eP	P	13 01 29.8	-1.2
JOF	comp=Z,50nm,0.7s,mb5.5		pmax	pmax		
JOF	Joensuu	45.17 331	eP	P	13 01 26.8	-1.2
IDID	Didziasalis	45.22 320	eP	P	13 01 29.1	+0.6
IDID		45.22 320	eP	P	13 01 31.9	
PVL	Pavilkeni	45.22 302	P	P	13 01 30.7	+2.0
KDZ	Kurdzhali	45.24 300	P	P	13 01 30.0	+1.1
BURAR	Bucovina Array	45.30 309	P	P	13 01 30.4	+1.2
BURAR	Bucovina Array	45.30 309	P	P	13 01 30.4	+1.2
BUR08	Bucovina Arr. S	45.31 309	P	P	13 01 29.5	+0.2
VOIR	Voiron	45.38 306	P	P	13 01 30.9	+1.0
VOIR	Voiron	45.38 306	P	P	13 01 30.9	+1.0
IGN	Ignalina	45.51 320	eP	P	13 01 31.7	+0.8
IGN		45.51 320	eP	P	13 01 34.4	
ISAL	Salakas	45.61 320	eP	P	13 01 32.6	+1.0
ISAL		45.61 320	eP	P	13 01 35.2	
RZN	Rozhen	45.77 300	P	P	13 01 33.8	+0.7
VSU	Vasula	45.90 324	P	P	13 01 31.3	-2.3
PGB	Panagyurishte	46.11 302	P	P	13 01 37.4	+1.6
LVZ	Lovozero	46.18 338	P	P	13 01 37.5	+1.6
LVZ		46.18 338	P	P	13 01 37.5	+1.6
LVZ	comp=Z,57nm,0.7s,mb5.6		MLR	MLR		
LVZ	comp=Z,381nm,17.0s,MS4.4		MLR	MLR		
LVZ	Lovozero	46.18 338	P	P	13 01 36.3	+0.4
LVZ	comp=Z,450nm,0.8s,mb6.5,SNR=6.1					
LVV	L'vov	46.18 312	eP	P	13 01 36.9	+0.7
APA	Apaitity	46.42 337	P	P	13 01 39.5	+1.7
APA		46.42 337	P	P	13 01 39.5	+1.7
APA	comp=Z,21nm,1.0s,mb5.0		MLR	MLR		
BMR	Baia Mare	46.46 309	P	P	13 01 40.9	+2.5
VTS	Vitosha	46.82 302	P	P	13 01 41.7	+0.4
VTS	Vitosha	46.82 302	P	P	13 01 41.7	+0.4
VTS	Vitosha	46.82 302	P	P	13 01 41.7	+0.4
KKB	Krupnik	46.97 301	P	P	13 01 43.1	+0.6
GZR	Gura Zlata	46.98 306	P	P	13 01 44.0	+1.5
GZR	Gura Zlata	46.98 306	P	P	13 01 44.0	+1.5
FINES	FINES Array B	46.99 328	P	P	13 01 40.7	-1.7
FINES	comp=Z,23nm,0.7s,mb5.2,baz=103,slow=8.8,SNR=32		LR	LR	13 22 54.8	
FINES	comp=Z,781nm,21.8s,MS4.6,baz=107,slow=38					
FINES	FINES Array B	46.99 328	P	P	13 01 40.7	-1.7
FINES	comp=Z,23nm,0.7s		pmax	pmax		
FINES	comp=Z,781nm,21.8s		MLR	MLR		
DRGR	DRGR	46.99 307	P	P	13 01 44.8	+2.2
DRGR		46.99 307	P	P	13 01 44.4	+1.8
KWP	Kalwaria Pacla	47.03 311	eP	P	13 01 43.6	+0.7
KWP	Kalwaria Pacla	47.03 311	eP	P	13 01 43.2	+0.3
KWP		47.03 311	eP	P	13 01 43.2	+0.3
KWP	comp=Z,137nm,1.0s,mb5.8					
KWP	Kalwaria Pacla	47.03 311	eP	P	13 01 43.2	+0.3
KWP	comp=Z,137nm,1.0s,mb5.8					
SUW	Kalwaria Pacla	47.03 311	P	P	13 01 44.4	+1.5
SUW	Suwalki	47.06 317	P	P	13 01 43.8	+0.8
SUW	Suwalki	47.06 317	P	P	13 01 43.5	+0.5
KAF	Kangasniemi	47.08 329	eP	P	13 01 42.6	-0.5
KAF		47.08 329	eP	P	13 01 42.6	-0.5
KAF	comp=Z,16nm,0.7s,mb5.1					
KAF	Kangasniemi	47.08 329	eP	P	13 01 42.6	-0.5
TRPA	Tarpa	47.11 309	P	P	13 01 44.7	+1.2
UZH	Uzhgorod	47.28 310	P	P	13 01 46.3	+1.5
UZH		47.28 310	P	P	13 01 53.5	
UZH		47.28 310	P	P	13 03 37.5	
UZH		47.28 310	P	P	13 08 54.0	

LJZH	Kolonice sedl	47.30 310	eP	P	13 11 59.5	
KOLS	Kolonice sedl	47.30 310	eP	P	13 01 46.2	+1.2
KOLS		47.30 310	eP	P	13 01 46.2	+1.2
KOLS	comp=Z,13nm,1.2s,mb4.7					
KOLS	Kolonice sedl	47.30 310	eP	P	13 01 46.2	+1.2
KOLS	comp=Z,13nm,1.2s,mb4.7					
KOLS	Kolonice sedl	47.30 310	eP	P	13 01 46.2	+1.2
KOLS	comp=Z,13nm,1.2s,mb4.7					
KOLS	Valandovo	47.40 300	eP	P	13 01 45.2	-0.7
BZS	Buzias	47.79 306	P	P	13 01 50.1	+1.3
BZS	Buzias	47.79 306	P	P	13 01 50.1	+1.3
CRVS	Cervenica-Dubn	47.83 310	eP	P	13 01 51.8	+2.7
CRVS		47.83 310	eP	P	13 01 51.8	+2.7
CRVS	comp=Z,12nm,1.0s,mb4.9		pmax	pmax		
CRVS	Cervenica-Dubn	47.83 310	eP	P	13 01 51.8	+2.7
CRVS	comp=Z,12nm,1.0s,mb4.9					
CRVS	Cervenica-Dubn	47.83 310	eP	P	13 01 51.8	+2.7
STHS	Stebnicka Huta	47.98 311	eP	P	13 01 50.8	+0.5
STHS		47.98 311	eP	P	13 01 50.8	+0.5
STHS	comp=Z,12nm,0.7s,mb5.0		pmax	pmax		
STHS	Stebnicka Huta	47.98 311	eP	P	13 01 50.8	+0.5
STHS	comp=Z,12nm,0.7s,mb5.0					
STHS	Stebnicka Huta	47.98 311	eP	P	13 01 50.8	+0.5
MAJO	Matsushiro Arr	48.07 66	eP	P	13 01 50.8	+0.5
MJAR	Matsushiro Arr	48.07 66	eP	P	13 01 50.1	-1.1
MJAR		48.07 66	eP	P	13 01 50.1	-1.1
MJAR	comp=Z,2.2nm,0.6s,mb4.3,baz=300,slow=13,SNR=6.0					
MJAR	Matsushiro Arr	48.07 66	eP	P	13 20 03.5	
MJAR		48.07 66	eP	P	13 01 50.1	-1.1
MJAR	comp=Z,2.0nm,0.6s		pmax	pmax		
MJAR		48.07 66	eP	P	13 20 03.5	
MJAR	comp=Z,2.43nm,21.6s,MS4.1,baz=265,slow=37		MLR	MLR		
SKO	Skojpe	48.18 301	eP	P	13 01 49.6	-2.3
DAV	Davaco City (W)	48.20 109	LR	LR	13 24 52.0	
DAV		48.20 109	LR	LR	13 24 52.0	
DAV	comp=Z,168nm,20.0s,MS4.					

Table of meteorological data for stations 4d 13h, including SBF Sospel, LUCF Luceram, TOUF Reverre, etc.

Table of meteorological data for stations LDF, LDF La Druitiere, FLN La Folinie, etc.

Table of meteorological data for stations KDAK Kodiak Island, KDAX Kodiak Island, OHAK Old Harbor, etc.



Table with columns: TOLI, Station Name, Time, Res, and various codes. Includes stations like MATI Davao City (W), DAV, DMPH Davao City-Mi, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BNY, SNY, LZH, HHC, etc.

Table with columns: NEIC 04 13:22:32.1, Station Name, Time, Res, and various codes. Includes stations like THIG, PCIG, CCIG, etc.





CASY	comp=Z,94nm,1.4s,mb5.5	LR	LR		
KLBR	comp=Z,8um,19.0s,MS5.8 Kellerberrin 54.07 252 eP	P	P	16 19 13.4	-0.6
NWAO	comp=Z,54nm,1.4s,mb5.9 Narrogin (SRO) 54.08 250 PFAKE	LR	LR	16 19 30.0	+16
NWAO	comp=Z,7um,20.0s,MS5.7	LR	LR		
POHA	Pohakuloa 55.54 26 PFAKE	LR	LR	16 19 40.0	+15
POHA	comp=Z,7um,19.0s,MS5.8	LR	LR		
KIP	Kipapa 56.22 22 PFAKE	LR	LR	16 19 40.0	+11
KIP	comp=Z,4um,20.0s,MS5.5	LR	LR		
MBWA	Marble Bar 56.26 265 eP	P	P	16 19 29.4	-0.5
MBWA	comp=Z,29nm,1.1s,mb5.2	LR	LR	16 27 23.3	+5.7
MBWA	Marble Bar 56.26 265 eP	P	P	16 19 28.9	-1.0
MBWA	comp=Z,11um,20.0s,MS6.0	LR	LR		
GUMO	Guam 57.61 316 PFAKE	LR	LR	16 19 50.0	+11
GUMO	comp=Z,4um,21.0s,MS5.5	LR	LR		
QSPA	South Pole Qui 58.30 180 P	P	P	16 19 45.8	+2.4
QSPA	comp=Z,20nm,0.8s,mb4.5,baz=27,SNR=34	LR	LR		
QSPA	South Pole Qui 58.30 180 P	P	P	16 19 45.8	+2.4
RPN	comp=Z,15um,19.0s,MS6.1	LR	LR		
RPN	Rapa Nui 58.90 105 PFAKE	LR	LR	16 20 00.0	+12
RPN	comp=Z,8um,20.0s,MS5.9	LR	LR		
MIDW	Midway 59.70 0 PFAKE	LR	LR	16 20 00.0	+6.4
MIDW	comp=Z,10um,20.0s,MS6.0	LR	LR		
MIR	Mirnyy 60.95 207 eP	P	P	16 20 03.8	+2.0
MIR	comp=Z,216nm,2.0s,mb5.9	smax	smax	16 29 54.0	+4.7
MIR	comp=N,4um,14.0s	smax	smax		
MIR	comp=E,2um,8.0s	MLR	MLR		
MIR	comp=N,6um,16.0s,MS6.0	MLR	MLR		
MIR	comp=E,6um,16.0s,MS6.0	MLR	MLR		
MIR	comp=Z,8um,16.0s,MS6.0	MLR	MLR		
KAPI	Kappang 64.04 281 PFAKE	LR	LR	16 20 30.0	+6.7
KAPI	comp=Z,8um,20.0s,MS5.9	LR	LR		
DAV	Davao City (W) 66.39 295 PFAKE	LR	LR	16 20 50.0	+12
DAV	comp=Z,2um,19.0s,MS5.4	LR	LR		
DAV	Davao City (W) 66.39 295 eP	P	P	16 20 36.1	-2.4
PMSA	Palmer Station 70.91 155 P	P	P	16 21 07.2	+1.3
PMSA	comp=Z,5.9nm,0.9s,mb4.5,baz=256,slow=4.2,SNR=2.9	LR	LR		
PMSA	Palmer Station 70.91 155 P	P	P	16 21 07.2	+1.3
PMSA	comp=Z,7um,20.0s,MS5.9	LR	LR		
MAW	Mawson 71.05 201 P	P	P	16 21 09.0	+2.3
MAW	comp=Z,4.4nm,0.8s,mb4.4,baz=114,slow=7.8,SNR=9.4	LR	LR		
MAW	Mawson 71.05 201 eP	P	P	16 21 08.8	+2.1
KKM	Kota Kinabalu 73.7 288 PFAKE	LR	LR	16 21 30.0	+10
KKM	comp=Z,3um,19.0s,MS5.6	LR	LR		
KSM	Kuching 75.47 281 eP	P	P	16 21 33.9	+0.2
KSM	comp=Z,12nm,0.9s,mb4.8	LR	LR		
KSM	comp=Z,3um,20.0s,MS5.5	LR	LR		
SYO	Syowa Base 75.78 193 eP	P	P	16 21 34.0	-0.5
SYO	Syowa Base 75.78 193 eP	P	P	16 21 43.0	-2.4
VNA3	Neumayer Olymp 76.89 176 eP	P	P	16 21 37.6	-3.1
VNA2	Neumayer-Watz 77.32 177 eP	P	P	16 21 40.5	-2.7
MAIT	Maitri 77.47 183 eP	P	P	16 21 44.9	+0.8
MAIT	comp=Z,3um,20.0s,MS5.5	LR	LR	16 22 01.5	
NVL	N'lazarevskaya 77.48 183 eP	P	P	16 21 45.8	+1.7
NVL	comp=Z,9.2nm,0.9s,mb5.0,baz=119,slow=6.9,SNR=8.4	LR	LR	16 21 51.2	
NVL	comp=Z,2um,19.0s,MS5.6	LR	LR	16 22 01.0	+6.0
NVL	comp=Z,2um,19.0s,MS5.6	LR	LR	16 24 44.6	
NVL	comp=Z,2um,19.0s,MS5.6	LR	LR	16 31 37.4	+5.3
NVL	comp=Z,2um,19.0s,MS5.6	LR	LR	16 32 12.6	
NVL	comp=Z,2um,19.0s,MS5.6	LR	LR	16 39 56.5	
NVL	comp=Z,50nm,1.4s,mb5.2	MLR	MLR		
PAF	Port-aux-Franc 79.14 218 PFAKE	LR	LR	16 22 10.0	+16
PAF	comp=Z,2um,19.0s,MS5.5	LR	LR		
MJAR	Matsushiro Arr 79.50 325 P	P	P	16 21 54.1	-1.5
MJAR	comp=Z,1.7nm,0.9s,baz=149,slow=5.4,SNR=5.4	LR	LR	16 53 30.9	
MJAR	comp=Z,2um,21.1s,MS5.5,baz=110,slow=33	LR	LR		
MAJO	Matsushiro 79.50 325 eP	P	P	16 21 52.1	-3.5
MAJO	comp=Z,25nm,1.3s,mb5.0	MLR	MLR		
MAJO	comp=Z,3um,21.0s,MS5.6	LR	LR		
MAJO	Matsushiro 79.50 325 eP	P	P	16 21 52.1	-3.5
MAJO	comp=Z,25nm,1.3s,mb5.0	MLR	MLR		
MAJO	comp=Z,3um,21.0s,MS5.6	LR	LR		
MAT	Matsushiro 79.50 325 P	P	P	16 21 53.9	-1.7
MAT	comp=Z,3um,21.0s,MS5.6	LR	LR	16 31 57.0	+2.5
COCO	West Island 79.80 262 PFAKE	LR	LR	16 22 10.0	+12
COCO	comp=Z,8um,20.0s,MS6.1	LR	LR		
SSLB	Suangleung 80.53 305 eP	P	P	16 21 59.2	-2.2
SSLB	comp=Z,9.8nm,0.6s,mb4.9	LR	LR		
YHNB	Yeheng 80.81 306 PFAKE	LR	LR	16 22 10.0	+7.1
YHNB	comp=Z,2um,21.0s,MS5.4	LR	LR		
TATO	Taipei 80.94 307 PFAKE	LR	LR	16 22 10.0	+6.4
TATO	comp=Z,2um,21.0s,MS5.5	LR	LR		
PLCA	Paso Flores 81.41 133 P	P	P	16 22 06.1	+0.1
PLCA	comp=Z,6.1nm,1.0s,mb4.5,baz=194,slow=6.0,SNR=5.4	LR	LR	16 50 41.0	
PLCA	comp=Z,7um,20.6s,MS6.0,baz=237,slow=30	LR	LR		
PLCA	Paso Flores 81.41 133 eP	P	P	16 22 05.6	-0.5
PLCA	comp=Z,16nm,1.1s	MLR	MLR		
PLCA	comp=Z,8um,20.0s	LR	LR		
PLCA	comp=Z,16nm,1.1s,mb4.9	LR	LR	16 22 05.5	-0.5
ERM	Erimo 81.79 332 PFAKE	LR	LR	16 22 20.0	+12
ERM	comp=Z,8um,20.0s,MS6.1	LR	LR		
YUK	Yuzh-Kuril'sk 82.46 334 P	P	P	16 22 03.5	-7.7
YUK	comp=Z,100nm,2.0s,mb5.3	smax	smax	16 32 30.8	+5.8
YUK	comp=Z,870nm,2.0s,mb5.3	smax	smax	16 37 44.0	-3.4
YUK	comp=Z,172nm,2.0s,mb5.6	smax	smax		
YUK	comp=N,720nm,3.0s	smax	smax		
YUK	comp=Z,190nm,3.0s	smax	smax		
OZH	Quanzhou 82.91 305 eP	P	P	16 22 12.6	-1.4
OZH	comp=N,2um,17.4s,MS5.7	LR	LR	16 32 27.0	-3.4
OZH	comp=N,2um,17.4s,MS5.7	LR	LR		
OZH	comp=E,2um,17.2s,MS5.7	LR	LR		
ASAJ	Asahikawa 83.77 332 P	P	P	16 22 18.1	+0.1
ASAJ	comp=Z,6.9nm,0.7s,mb4.2,baz=211,slow=5.0,SNR=9.3	LR	LR		
ASAJ	Asahikawa 83.77 332 eP	P	P	16 22 18.4	+0.4
ASAJ	comp=Z,190nm,2.0s,mb5.5	LR	LR		
SSE	Sheshan 85.17 311 P	P	P	16 22 24.5	-0.9
SSE	comp=Z,2.8nm,0.7s,mb5.5	smax	smax	16 25 45.6	+2.1
SSE	comp=Z,2.8nm,0.7s,mb5.5	smax	smax	16 32 52.6	-0.2
SSE	comp=Z,2.8nm,0.7s,mb5.5	smax	smax		
SSE	comp=Z,340nm,8.3s	LR	LR		

SSE	comp=N,650nm,22.5s,MS5.2	LR	LR		
SSE	comp=E,770nm,22.4s,MS5.2	LR	LR		
GZH	comp=Z,1um,19.4s,MS5.4	P	P	16 22 28.3	+1.0
GZH	Guangzhou 85.52 301 P	P	P	16 32 54.8	-1.8
GZH	comp=N,440nm,17.1s,MS5.2	LR	LR		
GZH	comp=E,720nm,19.6s,MS5.2	LR	LR		
GZH	comp=Z,2um,18.6s,MS5.4	LR	LR		
KSR5	Korea Array 85.54 320 P	P	P	16 22 26.2	-0.8
KSR5	comp=Z,1.0nm,0.7s,mb4.2,baz=141,slow=4.6,SNR=6.2	LR	LR	16 55 37.3	
KSR5	comp=Z,1um,20.8s,MS5.3,baz=130,slow=32	LR	LR		
KULM	Kulim 85.62 279 P	P	P	16 22 28.1	0.0
KULM	comp=Z,5um,21.0s,MS5.9	LR	LR		
QIZ	Qiongzong 85.76 295 P	P	P	16 22 28.0	-0.6
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR	16 22 36.9	-2.8
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR	16 22 43.9	+0.1
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR	16 25 49.9	+1.5
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR	16 32 56.4	-2.7
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR	16 33 12.8	-4.6
QIZ	comp=N,1um,20.0s,MS5.4	LR	LR		
QIZ	comp=E,800nm,20.3s,MS5.4	LR	LR		
QIZ	comp=Z,900nm,26.4s	LR	LR		
QIZ	Qiongzong 85.76 295 PFAKE	LR	LR	16 22 40.0	+11
QIZ	comp=Z,2um,19.0s,MS5.5	LR	LR		
YSS	Yuzh-Sakhalins 86.09 334 eP	P	P	16 22 30.0	+0.5
YSS	comp=Z,260nm,2.0s,mb5.1	smax	smax	16 22 44.5	+3.9
YSS	comp=E,130nm,1.9s	MLR	MLR	16 32 55.0	-6.1
YSS	comp=N,2um,19.0s,MS5.7	MLR	MLR	16 34 08.0	
YSS	comp=Z,3um,19.0s,MS5.7	MLR	MLR		
YSS	comp=E,2um,18.0s,MS5.7	MLR	MLR		
YSS	Yuzh-Sakhalins 86.09 334 eP	P	P	16 22 30.1	+0.6
YSS	comp=E,168nm,1.6s,mb6.0	LR	LR		
SAO	San Andreas Ge 86.20 42 PFAKE	LR	LR	16 22 40.0	+10
SAO	comp=Z,2um,20.0s,MS5.5	LR	LR		
INCN	Inchun 86.28 319 PFAKE	LR	LR	16 22 40.0	+9.3
INCN	comp=Z,2um,19.0s,MS5.5	LR	LR		
MCCM	Marconi Confer 86.38 40 PFAKE	LR	LR	16 22 40.0	+8.8
MCCM	comp=Z,5um,19.0s,MS6.0	LR	LR		
MONP	Monument Peak 86.58 48 eP	P	P	16 22 33.0	+0.7
MONP	comp=Z,2um,19.0s,MS5.6	LR	LR		
HOPS	Hopland 86.88 40 PFAKE	LR	LR	16 22 40.0	+6.4
HOPS	comp=Z,7um,20.0s,MS6.1	LR	LR		
EDWZ	Edwards Air Fo 86.94 45 eP	P	P	16 22 33.6	-0.4
EDWZ	comp=Z,9.2nm,0.9s,mb5.0,baz=119,slow=6.9,SNR=8.4	LR	LR		
PET	Petropavlovsk 86.94 346 PFAKE	LR	LR	16 22 40.0	+6.5
PET	comp=Z,4um,20.0s,MS5.8	LR	LR		
PFO	Pinyon Flat Ob 87.03 47 eP	P	P	16 22 33.0	-1.5
PFO	comp=Z,94nm,2.3s,mb5.6	MLR	MLR		
PFO	comp=Z,8um,19.0s,MS6.1	LR	LR		
PFO	Pinyon Flat Ob 87.03 47 eP	P	P	16 22 33.0	-1.5
PFO	comp=Z,94nm,2.3s,mb5.6	MLR	MLR		
PFO	comp=Z,8um,19.0s,MS6.1	LR	LR		
ISA	Isabella 87.17 45 eP	P	P	16 22 34.7	-0.4
ISA	comp=Z,2um,19.0s,MS5.6	LR	LR	16 22 34.8	-0.3
ISA	Isabella 87.17 45 eP	P	P	16 22 34.8	-0.3
ISA	comp=Z,138nm,1.9s,mb5.9	smax	smax	16 22 34.8	-0.4
ISA	Isabella 87.17 45 eP	P	P	16 22 34.8	-0.4
ISA	comp=Z,138nm,1.9s,mb5.9	smax	smax	16 22 34.8	-0.4
PETK	Petropavlovsk- 87.22 345 P	P	P	16 22 34.3	-0.6
PETK	comp=Z,9.2nm,0.9s,mb5.0,baz=119,slow=6.9,SNR=8.4	LR	LR		
NJ2	Nanjing 87.30 311 eP	P	P	16 22 37.8	+2.0
NJ2	comp=Z,2um,19.0s,MS5.6	LR	LR	16 22 44.2	-2.7
NJ2	comp=Z,2um,19.0s,MS5.6	LR	LR	16 22 46.8	-4.1
NJ2	comp=Z,2um,19.0s,MS5.6	LR	LR	16 33 14.5	+1.0
NJ2	comp=Z,10.0nm,0.7s,mb5.2	smax	smax		
NJ2	comp=Z,450nm,10.2s	LR	LR		
NJ2	comp=N,1um,22.5s,MS5.3	LR	LR		
NJ2	comp=E,690nm,25.7s,MS5.3	LR	LR		
NJ2	comp=Z,1um,26.3s,MS5.2	LR	LR		
LRMC	Laurel Mountai 87.52 45 eP	P	P	16 22 37.0	+0.2
LRMC	comp=Z,1um,26.3s,MS5.2	LR	LR		
PAYG	Puerto Ayora 87.52 89 PFAKE	LR	LR	16 22 50.0	+13
PAYG	comp=Z,5um,21.0s,MS5.9	LR	LR		
BELC	Belle Mtn. Jos 87.57 47 eP	P	P	16 22 37.9	+0.8
BELC	comp=Z,325nm,2.5s,mb6.1	MLR	MLR		
BC3	Big Chuckawall 87.69 48 P	P	P	16 22 38.1	+0.5
BC3	comp=Z,325nm,2.5s,mb6.1	MLR	MLR		
CMB	Columbia Coile 87.69 42 eP	P	P	16 22 36.9	-0.7
CMB	comp=Z,38nm,1.5s,mb5.4	MLR	MLR		
CMB	comp=Z,3um,19.0s,MS5.6	LR	LR		
CMB	Columbia Coile 87.69 42 eP	P	P	16 22 36.9	-0.7
CMB	comp=Z,38nm,1.5s,mb5.4	MLR	MLR		
CMB	comp=Z,8um,19.0s,MS6.1	LR	LR		
GLA	Glamis 87.69 48 eP	P	P	16 22 37.6	-0.1
GLA	comp=Z,325nm,2.5s,mb6.1	MLR	MLR		
GLA	Glamis 87.69 48 eP	P	P	16 22 37.6	-0.1
GSC	Goldstone 87.94 46 eP	P	P	16 22 38.7	-0.1
GSC	comp=Z,325nm,2.5s,mb6.1	MLR	MLR		
GSC	Goldstone 87.94 46 eP	P	P	16 22 38.5	-0.3

CCUT	comp=Z,4um,20.0s,MS5.9	Cedar City	91.50	46	eP	P	16 22 55.4	0.0
WVOR	comp=Z,39nm,1.9s,mb5.4	Wild Horse Val	91.69	39	eP	Pmax	16 22 55.2	-1.0
WVOR	comp=Z,80nm,2.1s,mb5.7				MLR	MLR		
WVOR	comp=Z,6um,20.0s,MS6.0	Wild Horse Val	91.69	39	eP	P	16 22 55.2	-0.9
WVOR	comp=Z,60nm,2.1s,mb5.7				LR	LR		
KDAK	comp=Z,6um,20.0s,MS6.0	Kodiak Island	91.74	13	P	P	16 22 54.2	-1.8
KDAK	comp=Z,5.6nm,0.8s,mb5.0,baz=261,slow=3.2,SNR=4.8	Kodiak Island	91.74	13	P	P	16 22 54.2	-1.8
KDAK					LR	LR		
Y19A	comp=Z,3um,20.0s,MS5.8	Nutrisco	91.88	51	P	P	16 22 58.0	+0.7
P13A	comp=Z,92,SNR=7.0	Bates Ranch, G	92.33	44	↑P	P	16 22 59.4	+0.2
KLR	comp=Z,92	Kul'dur	92.34	330	eP	S	16 22 55.4	-3.6
KLR					e	SKSac	16 33 27.0	-2.3
KLR					e	Pmax	16 33 54.0	
I07A	comp=Z,90nm,2.0s,mb5.8	Izee	92.36	38	↑P	P	16 22 59.3	0.0
GYA	comp=Z,92	Guiyang	92.41	300	P	PP	16 23 01.0	+1.1
GYA					PP	PP	16 26 43.5	+2.0
GYA					SKS	S	16 33 30.9	
GYA					SS	SS	16 34 01.0	-0.2
GYA					SS	SS	16 40 15.6	+2.2
GYA	comp=Z,40nm,1.0s,mb5.7				Pmax	Pmax		
GYA	comp=Z,280nm,6.9s				LR	LR		
GYA	comp=N,9um,21.9s,MS6.2				LR	LR		
GYA	comp=E,4um,22.8s,MS6.2				LR	LR		
GYA	comp=Z,9um,23.2s,MS6.1				LR	LR		
Y20A	comp=Z,92	Horse Springs, G	92.42	51	↑P	P	16 22 59.5	-0.3
Q14A	comp=Z,92	Sevier Lake (B	92.47	45	↑P	P	16 23 00.2	+0.3
NLWA	comp=Z,6um,20.0s,MS6.0	Neilton Lookou	92.54	33	PFAKE	LR	16 23 10.0	+1.0
ENH	comp=Z,64nm,1.4s,mb5.9	Enshi	92.55	304	eP	P	16 23 01.1	+0.6
ENH	comp=Z,1um,20.0s,MS5.4				LR	LR		
G06A	comp=Z,93	Carlson Farm,	92.58	36	↑P	P	16 22 59.7	-0.5
X20A	comp=Z,93	Quemado	92.73	51	↑P	P	16 23 01.5	+0.3
626A	comp=Z,93	Big Bend Ranch	92.79	57	↑P	P	16 23 02.2	-0.4
MSU	comp=Z,93	Marysvale	92.84	46	eP	Pmax	16 23 02.0	+0.4
MSU	comp=Z,13nm,1.6s,mb5.1	Marysvale	92.84	46	eP	P	16 23 02.0	+0.4
NNA	comp=Z,13nm,1.6s,mb5.1	Nana	92.86	106	PFAKE	LR	16 23 10.0	+7.6
Z22A	comp=Z,4um,20.0s,MS5.9	Elephant Butte	92.98	52	↑P	P	16 23 02.3	-0.1
TXAR	comp=Z,2.9nm,1.2s,mb4.6,baz=217,slow=6.1,SNR=9.2	Lajitas Array	93.00	57	P	P	16 23 01.9	-0.6
TXAR	comp=Z,5um,19.4s,MS6.0,baz=265,slow=31	Lajitas Array	93.00	57	P	P	16 23 01.9	-0.6
TXAR					LR	LR	16 57 38.6	
526A	comp=Z,5um,19.0s,MS5.6	Mary Lane Ranc	93.11	56	↑P	P	16 23 02.8	-0.3
X21A	comp=Z,5um,19.0s,MS5.6	Alamocita Cree	93.14	51	↑P	P	16 23 01.6	-1.5
MNTX	comp=Z,93	Cornudas Mount	93.15	54	↑P	P	16 23 02.6	-0.6
MNTX	comp=Z,5.1nm,2.5s,mb5.5	Cornudas Mount	93.15	54	eP	P	16 23 03.2	0.0
MNTX					LR	LR		
325A	comp=Z,2um,20.0s,MS5.6	Bean Ranch, Si	93.25	55	↑P	P	16 23 02.8	-0.9
G08A	comp=Z,94	Pilot Rock	93.47	37	↑P	P	16 23 04.0	-0.3
DUG	comp=Z,94	Dugway	93.52	44	PFAKE	LR	16 23 20.0	+1.5
DUG					LR	LR		
RSW	comp=Z,6um,19.0s,MS6.1	Rattlesnake Hi	93.91	36	eP	P	16 23 05.3	-1.0
HAWA	comp=Z,5.0nm,1.0s,mb4.9	Hanford	93.93	36	eP	P	16 23 06.5	+0.1
HAWA					LR	LR		
CM31	comp=Z,5um,19.0s,MS6.0	Chiang Mai Arr	94.04	289	P	P	16 23 09.1	+1.5
CM31					LR	LR		
CMAR	comp=Z,690nm,19.0s,MS5.1	Chiang Mai Arr	94.04	289	P	P	16 23 07.3	-0.2
CMAR	comp=Z,0.3nm,0.6s,baz=130,slow=2.8,SNR=3.5				PP	PP	16 26 54.9	+0.5
BJT	comp=Z,0.2nm,0.4s,baz=149,slow=3.8,SNR=3.7	Baijiatuu	94.05	315	eP	Pmax	16 23 08.1	+1.0
BJT	comp=Z,14nm,0.9s				Pmax	Pmax		
BJT	comp=Z,14nm,0.9s				MLR	MLR		
BJT	comp=Z,3um,21.0s	Baijiatuu	94.05	315	eP	P	16 23 08.1	+1.0
BJT	comp=Z,14nm,0.9s,mb5.4				LR	LR		
BJL	comp=Z,3um,21.0s,MS5.7	Beijing	94.05	315	P	P	16 23 07.8	+0.6
BJL					SKS	S	16 33 40.6	
BJL					SS	SS	16 34 17.4	+2.3
BJL					SS	SS	16 40 38.6	+2.1
BJL	comp=Z,14nm,1.7s,mb5.1				Pmax	Pmax		
BJL	comp=Z,250nm,3.8s				LR	LR		
BJL	comp=N,2um,19.5s,MS5.7				LR	LR		
BJL	comp=E,2um,20.4s,MS5.7				LR	LR		
CHTO	comp=Z,2um,36.2s	Chiang Mai	94.22	289	eP	Pmax	16 23 10.1	+1.7
CHTO	comp=Z,2.0nm,0.9s,mb4.5				Pmax	Pmax		
CHTO	comp=Z,2um,19.0s,MS5.7	Chiang Mai	94.22	289	eP	P	16 23 10.1	+1.7
CHTO	comp=Z,2.4nm,0.9s,mb4.6				LR	LR		
ANMO	comp=Z,2um,19.0s,MS5.7	Albuquerque	94.32	51	P	P	16 23 07.5	-1.0
ANMO	comp=Z,0.8nm,0.6s,mb4.3,baz=283,slow=0.3,SNR=6.5	Albuquerque	94.32	51	P	P	16 23 07.5	-1.0
MVCO	comp=Z,4um,20.0s,MS5.9	Mesa Verde	94.33	48	PFAKE	LR	16 23 20.0	+1.1
MVCO					LR	LR		
ETW	comp=Z,5um,20.0s,MS6.0	Entiat	94.38	35	eP	P	16 23 09.1	+0.6
I12A	comp=Z,34nm,1.7s,mb5.5	Atlanta	94.51	40	↑P	P	16 23 08.8	-0.4
HVU	comp=Z,95	Hansel Valley	94.55	43	eP	Pmax	16 23 08.7	-0.7
HVU					Pmax	Pmax		
HVU	comp=Z,27nm,1.8s,mb5.4	Hansel Valley	94.55	43	eP	P	16 23 08.7	-0.7
KMI	comp=Z,27nm,1.8s,mb5.4	Kunming	94.62	297	P	P	16 23 11.4	+1.3
KMI					pP	pP	16 23 18.6	-2.7
KMI					SP	SP	16 23 21.2	-4.1
KMI					SS	SS	16 27 00.0	+1.2
KMI					SS	SS	16 33 43.0	
KMI					S	S	16 34 20.2	-0.5
KMI					sS	sS	16 34 30.8	-8.4
KMI					SS	SS	16 40 48.4	+3.4
KMI	comp=Z,5.0nm,1.1s,mb4.9				Pmax	Pmax		
KMI	comp=Z,150nm,7.0s				Pmax	Pmax		

KMI	comp=N,1um,19.6s,MS5.6				LR	LR		
KMI	comp=E,2um,22.0s,MS5.6				LR	LR		
KMI	comp=Z,2um,14.4s				LR	LR		
HLID	comp=Z,4um,19.0s,MS5.9	Hailey	94.75	41	eP	P	16 23 09.4	-0.8
HLID	comp=Z,12nm,1.4s,mb5.1				LR	LR		
J13A	comp=Z,4um,19.0s,MS5.9	Cove Ranch, Pi	94.78	41	↑P	P	16 23 10.4	0.0
F10A	comp=Z,4um,19.0s,MS5.9	Beach Ranch, E	94.83	38	↑P	P	16 23 09.7	-0.9
TIY	comp=Z,330nm,10.0s	Taiyuan	94.94	312	eP	S	16 23 12.0	+0.7
TIY					SKS	S	16 33 46.8	
TIY					S	S	16 34 22.2	-0.8
TIY					Pmax	Pmax		
TIY	comp=Z,330nm,10.0s				LR	LR		
TIY	comp=N,1um,20.2s,MS5.5				LR	LR		
TIY	comp=E,1um,20.5s,MS5.5				LR	LR		
OD2	comp=Z,2um,21.7s,MS5.6	Odessa Site #2	95.03	36	eP	P	16 23 11.2	-0.2
J14A	comp=Z,13nm,1.3s,mb5.2	Carrey	95.10	41	↑P	P	16 23 12.2	+0.3
HWUT	comp=Z,5um,19.0s,MS6.0	Hardware Ranch	95.14	44	P	P	16 23 11.6	-0.6
HWUT					LR	LR		
H12A	comp=Z,5um,19.0s,MS6.0	Diamond D Ranc	95.15	40	↑P	P	16 23 11.3	-0.7
G12A	comp=Z,95	Big Creek, Yel	95.27	39	↑P	P	16 23 12.6	0.0
WRAP	comp=Z,3um,19.0s,MS5.7	Wrangell Islan	95.98	23	PFAKE	LR	16 23 30.0	+1.4
AHID	comp=Z,5um,20.0s,MS6.0	Auburn Hatcher	96.13	43	PFAKE	LR	16 23 30.0	+1.3
AHID					LR	LR		
KVXT	comp=Z,3um,19.0s,MS5.7	Kingsville	96.24	62	PFAKE	LR	16 23 30.0	+1.3
KVXT					LR	LR		
NEW	comp=Z,3um,19.0s,MS5.7	Newport	96.41	36	PFAKE	LR	16 23 30.0	+1.2
NEW					LR	LR		
JCT	comp=Z,6um,20.0s,MS6.1	Junction City	96.42	58	PFAKE	LR	16 23 30.0	+1.2
JCT					LR	LR		
SDCO	comp=Z,7um,20.0s,MS6.2	McKenzie Canyo	96.43	40	eP	P	16 23 18.5	+0.6
SDCO	comp=Z,0.4nm,0.6s	Great Sand Dun	96.47	49	eP	LR	16 23 19.0	+0.3
TPAW	comp=Z,3um,19.0s,MS5.8	Teton Pass	96.66	42	eP	P	16 23 17.4	-1.6
CD2	comp=Z,3um,19.0s,MS5.8	Chengdu	96.99	302	eP	PP	16 23 22.0	+1.2
CD2					PP	PP	16 27 20.8	+3.7
CD2					SKS	S	16 33 52.5	
CD2					SS	SS	16 34 36.2	-4.8
CD2					SS	SS	16 41 17.6	-0.9
CD2	comp=Z,30nm,0.8s,mb5.8				Pmax	Pmax		
CD2	comp=Z,230nm,10.2s				LR	LR		
CD2	comp=N,2um,18.0s				LR	LR		
CD2	comp=Z,2um,19.0s,MS5.7	Boulder Array	97.03	44	PFAKE	LR	16 23 30.0	+9.3
BW06	comp=Z,5um,19.0s,MS6.0	Pinedale Array	97.03	44	P	P	16 23 20.1	-0.6
BW06	comp=Z,0.5nm,0.7s,baz=242,slow=3.5,SNR=4.5	Missoula	97.11	38	PFAKE	LR	16 23 30.0	+9.1
MSO	comp=Z,4um,19.0s,MS6.0	Limekiln Ridge	97.27	40	eP	P	16 23 21.9	+0.2
LRM	comp=Z,4um,19.0s,MS6.0	Hu-ho-hao-te	97.34	314	eP	PP	16 23 23.0	+0.9
HHC					pP	pP	16 23 29.5	-3.8
HHC					sP	sP	16 23 32.2	-5.1
HHC					PP	PP	16 27 24.9	+5.3
HHC					SKS	S	16 33 58.4	
HHC					S	S	16 34 44.9	+1.4
HHC					SS	SS	16 34 55.1	-7.0
HHC	comp=Z,26nm,1.0s,mb5.6				Pmax	Pmax		
HHC	comp=Z,200nm,5.4s				LR	LR		
HHC	comp=N,720nm,15.7s,MS5.4				LR	LR		
HHC	comp=E,810nm,17.8s,MS5.4				LR	LR		
LPAZ	comp=Z,1um,19.2s,MS5.3	La Paz	97.40	114	P	P	16 23 23.8	+0.8
LPAZ	comp=Z,0.8nm,0.7s,mb4.2,baz=0,slow=4.0,SNR=2.6				LR	LR	17 00 27.8	
AMTX	comp=Z,1um,18.8s,MS5.5,baz=179,slow=31	Amarillo	97.50	54	PFAKE	LR	16 23 30.0	+7.0
AMTX					LR	LR		
BOZ	comp=Z,4um,20.0s,MS5.9	Bozeman (W)	97.61	40	eP	Pmax	16 23 21.9	-1.3
BOZ					LR	LR		
BOZ	comp=Z,4.0nm,1.3s,mb4.8				MLR	MLR		
BOZ	comp=Z,3um,20.0s,MS5.7	Bozeman (W)	97.61	40	eP	P	16 23 21.9	-1.3
BOZ	comp=Z,4.0nm,1.3s,mb4.8				LR	LR		
LKWY	comp=Z,3um,20.0s,MS5.7	Lake	97.64	42	PFAKE	LR	16 23 30.0	+6.6
LKWY					LR	LR		
ISCO	comp=Z,7um,19.0s,MS6.2	Idaho Springs	97.68	48	PFAKE	LR	16 23 30.0	+6.3
ISCO					LR	LR		
TGUH	comp=Z,4um,20.0s,MS5.9	Teguigalpa,Un	97.7					









Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like G13A Cobalt, C16A Fuhringer Ranc, B17A L&G Farms, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CEMD 04 17:59:43.8, PDA 04 17:59:43.8, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CALA Caldeira, CALA Caldeira, HOR Horta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SKJI Sukabumi, CISI Cisolompeng, LEM Lembar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BNDI Bandanaira, NLAI Namlea, TLE Tual, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KDI Kendari, MNI Mani, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like APSI Ampama, MRSI Marisa, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, KAKA Kakadu, BKSI Butukuba, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MYLDM Lahad Datu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, COEN Coen, COEN Coen, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsushiro, MAT Matsushiro, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, GKN Gorkha, KOLN Kolda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DANN Danging, UNM Ujungbantar, SOLN Songino Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, MKAR Makanchi Arr, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, ABKAR Akbulak Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AKTK Aktubinsk, AKTO Aktubinsk, ARU Artyk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, STKR Stephens Creek, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DDJ Dehra Dun, CEP Cherat, MKAR Makanchi Arr, etc.

Text block containing station identifiers and coordinates: IDC 04 18:27:38.5, 6.1, 12.02S; 166.69E, h128km, 45km, mb3.7/10, mb1 3.8/11, mb1mx3.7/19, mbtmp3.7/11, MS4.2/1, MS1 4.2/1, mb1mx3.4/25, Error ellipse: s-maj=48.4km s-min=20.6km az=112.0

Text block containing station identifiers and coordinates: ISCJB 04 18:27:39.5, 5.8, 12.15S; 0.2, 166.6E, 0.4, h150km, 39km, mb3.9/11, Error ellipse: s-maj=62.9km s-min=22.5km az=20.6

Text block containing station identifiers and coordinates: NEIC 04 18:27:40.3, 3.8, 11.99S; 166.63E, h144km, 26km, Error ellipse: s-maj=37.1km s-min=14.6km az=114.0

Text block containing station identifiers and coordinates: ISC 04 18:27:39.5, 5.5, 12.02S; 0.2, 166.7E, 0.4, h141km, 36km, n16, c05f19, mb3.9/11, Santa Cruz Islands

Text block containing station identifiers and coordinates: IDC 04 18:30:53.4, 1.8, 30.94N; 83.57E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.4/25, mbtmp3.4/7, ML3.6/2, Error ellipse: s-maj=58.1km s-min=21.8km az=62.0

Text block containing station identifiers and coordinates: ISCJB 04 18:30:57.3, 2.8, 31.0N; 0.1, 83.7E, 0.1, h30km, 48km, n9, b2=150.0, mb3.4/4, Error ellipse: s-maj=26.1km s-min=17.3km az=150.0

Text block containing station identifiers and coordinates: ISC 04 18:30:58.3, 5.7, 31.1N; 0.1, 83.7E, 0.1, h30km, 48km, n9, b2=150.0, mb3.4/4, Xizang

Text block containing station identifiers and coordinates: ISCJB 04 18:31:26.0, 5.6, 78.56N; 0.06, 181.9W, 0.4, h10km, mb3.5/9, Error ellipse: s-maj=10.8km s-min=8.0km az=24.7

Text block containing station identifiers and coordinates: IDC 04 18:31:27.1, 0.9, 78.56N; 19.05W, h0km, mb3.6/9, mb1 3.7/11, mb1mx3.5/27, mbtmp3.6/11, ML3.7/2, Error ellipse: s-maj=31.5km s-min=16.9km az=18.0













319A	Douglas	24.13 319	↑P	P	21 44 44.0 +0.6
Y23A	Lovelace Mesa,	24.16 329	P	P	21 44 43.8 +0.1
ATAH	Alathua	24.36 148	P	P	21 44 46.7 +1.1
ATAH	comp=N,12nm,18.5s,MS4.5,baz=348,slow=4.3,SNR=8.4		LR	LR	21 53 03.1
X24A	Lazy VL Ranch,	24.37 330	↑P	P	21 44 45.8 +0.3
219A	White Tail Can	24.54 321	P	P	21 44 47.5 +0.3
120A	U Bar Ranch, L	24.54 322	P	P	21 44 49.3 +2.1
318A	Bisbee	24.62 319	P	P	21 44 48.5 +0.7
B2M	Barren Site	24.63 328	eP	P	21 44 47.7 -0.2
YNN	comp=N,27nm,0.8s,mb4.8	24.63 327	↑P	P	21 44 48.6 +0.6
WCI	Wyandotte Cave	24.71 9	eP	P	21 44 46.5 -2.0
SLM	Saint Louis	24.75 2	eP	P	21 44 49.1 +0.2
X23A	Hourglass Bar	24.75 329	↑P	P	21 44 49.5 +0.6
LPM	Los Pinos Mtn	24.76 328	eP	P	21 44 49.6 +0.5
LENM	Lemitar	24.82 327	eP	P	21 44 49.7 0.0
Z20A	Nine Sixteen R	24.93 323	↑P	P	21 44 52.6 +2.0
OLIL	Olney	24.98 6	eP	P	21 44 50.8 -0.2
218A	Dragon	25.02 319	↑P	P	21 44 52.2 +0.8
V25A	Rancho No Teng	25.05 334	↑P	P	21 44 52.7 +1.1
Y21A	Point of Rocks	25.07 326	↑P	P	21 44 53.1 +1.1
LAZ	Ladron	25.09 328	eP	P	21 44 52.1 +0.1
119A	Ashpeak Ranch,	25.10 322	↑P	P	21 44 53.1 +1.0
ANMO	Albuquerque	25.18 329	P	P	21 44 52.8 -0.1
ANMO	Albuquerque	25.18 329	eP	P	21 44 52.4 -0.4
W23A	Werner Place,	25.19 330	↑P	P	21 44 54.8 +1.8
V24A	Rampart Ranch,	25.25 332	↑P	P	21 44 54.3 +0.8
217A	Green Valley	25.38 318	↑P	P	21 44 55.3 +0.6
Y20A	Horse Springs,	25.39 325	↑P	P	21 44 55.5 +0.8
118A	Hockack Ranch,	25.42 321	↑P	P	21 44 55.2 +0.1
U25A	Circle Dot Ran	25.44 335	P	P	21 44 55.8 +0.6
X21A	Alamocita Cree	25.46 327	↑P	P	21 44 56.8 +1.3
KSU1	Kansas State U	25.65 319	eP	P	21 44 55.9 -1.2
TUC	Tucson	25.70 350	eP	P	21 44 58.5 +0.9
Y19A	Nutrisio	25.92 324	↑P	P	21 45 00.0 +0.5
X20A	Quemado	25.92 326	↑P	P	21 45 01.0 +1.4
Y22A	San Miguel Ran	26.17 330	↑P	P	21 45 02.3 +0.5
V18A	Canon Day Jun	26.24 322	↑P	P	21 45 04.6 +2.1
T24A	Torres, Weston	26.28 334	P	P	21 45 04.2 +1.4
W20A	Ramah	26.36 327	↑P	P	21 45 04.8 +1.2
S25A	Robets Cordova	26.53 336	P	P	21 45 05.6 +0.5
214A	Organ Pipe Nat	26.81 316	↑P	P	21 45 07.4 -0.3
V20A	Brimhall	26.86 328	↑P	P	21 45 08.7 +0.6
115A	Sonoran Desert	26.89 318	↑P	P	21 45 09.0 +0.6
R25A	Fountain Ranch	26.90 337	P	P	21 45 08.9 +0.6
SDCO	Great Sand Dun	27.04 334	↑P	P	21 45 09.9 +0.3
SDCO	Great Sand Dun	27.04 334	eP	P	21 45 10.1 +0.4
X17A	Forest Lakes	27.09 322	↑P	P	21 45 11.4 +1.2
ACSO	Alum Creek Sta	27.29 14	eP	P	21 45 09.8 -2.1
U20A	Newcomb	27.33 328	↑P	P	21 45 13.1 +0.8
X16A	Lo Mia Camp, P	27.53 322	↑P	P	21 45 14.7 +0.6
S22A	4UR Ranch, Cre	27.62 333	↑P	P	21 45 15.2 +0.4
U19A	Dine' College,	27.62 327	↑P	P	21 45 15.2 +0.3
Y15A	Casa Rosa Ranch	27.76 320	↑P	P	21 45 16.6 +0.4
MVCO	Mesa Verde	27.97 330	eP	P	21 45 18.3 +0.3
Z13A	Yuma Proving G	28.14 317	↑P	P	21 45 19.7 +0.2
Y14A	Wickenburg	28.18 319	↑P	P	21 45 21.0 +1.2
WUAZ	Wupatki	28.25 323	↑P	P	21 45 23.4 +2.9
WUAZ	Wupatki	28.25 323	eP	P	21 45 22.0 +1.5
S20A	Disappointment	28.39 331	↑P	P	21 45 24.1 +2.3
U16A	Tuba City	28.55 325	↑P	P	21 45 24.3 +1.1
P23A	Jefferson	28.57 336	↑P	P	21 45 24.2 +0.9
T18A	Mexican Hat	28.61 328	↑P	P	21 45 24.3 +0.6
S19A	Harvey Farm, M	28.70 329	↑P	P	21 45 25.1 +0.6
PV01	Paradox Valley	28.74 331	eP	P	21 45 24.7 -0.1
GLA	Glamis	28.83 316	eP	P	21 45 27.8 +2.1
ISCO	Idaho Springs	28.84 337	eP	P	21 45 26.3 +0.6
ISCO	comp=N,4nm,0.6s,mb4.1		eP	P	21 48 36.5 +2.2
V15A	Kaibab Nationa	28.93 323	↑P	P	21 45 27.8 +1.3
T17A	Navajo Res., N	29.09 326	↑P	P	21 45 27.9 +0.8
W14A	Seligman	29.06 321	↑P	P	21 45 28.7 +1.0
S18A	Hurst Farm, BI	29.09 328	↑P	P	21 45 28.3 +0.3
PV04	Paradox Valley	29.10 331	eP	P	21 45 28.4 +0.4
X13A	Yucca	29.12 319	↑P	P	21 45 28.8 +0.6
SSPA	Standing Stone	29.15 21	eP	P	21 45 27.4 -1.1
PV10	Paradox Valley	29.15 330	eP	LR	21 45 24.8 -3.7
NNA	Nana	29.30 150	LR	LR	21 54 60.0
V14A	Boquillas Ranch	29.35 322	↑P	P	21 45 29.9 -0.4
U15A	North Rim	29.42 324	↑P	P	21 45 31.6 +0.8
Q22A	Kremling	29.52 326	↑P	P	21 45 32.4 +0.6
R18A	Canyonlands Na	29.58 329	P	P	21 45 32.4 +0.1
BC3	Big Chuckawall	29.61 316	↑P	P	21 45 32.6 0.0
T15A	Red Dirt Ranch	29.89 324	↑P	P	21 45 36.0 +1.1
S16A	Weppner Ranch,	29.96 326	↑P	P	21 45 36.7 +1.0
R17A	Hanksville Air	30.01 322	↑P	P	21 45 37.3 +1.1
V13A	Grand Canyon W	30.03 321	↑P	P	21 45 36.8 +0.5
ECSD	EROS Data Cent	30.19 352	eP	P	21 45 37.9 +0.3

R16A	Teasdale	30.31 327	↑P	P	21 45 40.0 +1.2
T14A	Hurricane	30.32 324	↑P	P	21 45 40.2 +1.4
U13A	Pakow Wash	30.39 322	↑P	P	21 45 40.4 +0.9
GMRC	Granite Mountr	30.42 318	↑P	P	21 45 40.9 +1.1
V12A	Nelson	30.49 320	↑P	P	21 45 41.1 +0.8
Q16A	Castle Valley	30.63 328	↑P	P	21 45 42.4 +0.8
R15A	Junction	30.68 326	↑P	P	21 45 43.7 +1.7
T13A	Saint George	30.77 323	↑P	P	21 45 44.0 +1.2
N20A	Spence Gulch,	30.79 334	P	P	21 45 43.5 +0.5
CCUT	Cedar City	30.82 324	eP	P	21 45 45.3 +2.1
P17A	Butcher Ranch,	30.84 330	P	P	21 45 44.3 +1.0
MSU	Marysvale	30.85 327	eP	P	21 45 44.0 +0.5
ARUT	Antelope Rang	31.02 324	eP	P	21 45 46.1 +1.0
S13A	Holt Ranch, En	31.12 324	↑P	P	21 45 47.1 +1.2
SHPR	Sheep Ranch	31.18 321	eP	P	21 45 47.1 +0.7
O17A	Robinson Place	31.39 331	↑P	P	21 45 49.3 +1.0
R13A	O'Grain Ranch,	31.60 324	P	P	21 45 52.2 +2.1
MPU	Maple Canyon	31.69 329	eP	P	21 45 51.1 +0.2
Q14A	Sevier Lake (B	31.79 326	↑P	P	21 45 53.2 +1.5
DAU	Daniels Canyon	31.81 330	eP	P	21 45 51.9 0.0
U10A	Ash Meadows, A	31.85 319	↑P	P	21 45 53.5 +1.2
R12A	Pony Springs,	32.06 324	↑P	P	21 45 55.8 +1.7
P14A	Drum Mountains	32.11 327	↑P	P	21 45 55.4 +0.8
RSSD	Hills	32.16 342	P	P	21 45 54.2 -0.7
COWI	Conover	32.24 3	eP	P	21 45 52.9 -2.7
M17A	Scully Gap (B	32.37 332	↑P	P	21 45 56.1 -0.7
MPMC	Manual Prospec	32.38 318	↑P	P	21 45 56.8 -0.2
DUG	Dugway	32.42 328	eP	P	21 45 57.6 +0.3
P13A	Bat Ranch, G	32.52 326	P	P	21 45 59.6 +1.5
R11A	Troy Canyon, C	32.64 323	P	P	21 46 00.6 +1.3
N15A	Stansbury Isla	32.80 329	P	P	21 46 01.1 +0.5
ISA	Isabella	32.80 316	eP	P	21 46 03.3 +2.6
HWUT	Hardware Ranch	32.89 331	eP	P	21 46 01.5 +0.1
HWUT	comp=N,13nm,0.8s,mb4.9		eP	P	21 48 45.3 +0.4
BW06	Boulder Arroy	32.94 335	eP	P	21 46 03.0 +1.2
PDAR	Pinedale Arroy	32.94 335	P	P	21 46 03.3 -0.4
PDAR	comp=N,1.2nm,0.6s,mb4.0,baz=129,slow=8.8,SNR=11		P	P	21 48 44.0 -1.1
PDAR	comp=N,1.1nm,0.6s,baz=144,slow=4.1,SNR=7.4		LR	LR	22 01 49.3
L17A	Coleville	32.96 333	P	P	21 46 01.6 -0.4
S10A	Toponah Range,	32.97 321	↑P	P	21 46 03.4 +1.3
Q11A	Duckwater	33.02 324	↑P	P	21 46 03.5 +1.0
R10A	Warm Springs	33.03 322	↑P	P	21 46 04.3 +1.7
BGU	Big Grassy Mtn	33.08 329	eP	P	21 46 03.1 +0.1
BGU	comp=N,1.1nm,0.8s,mb4.8		eP	P	21 48 45.2 -0.2
SPUT	South Promont	33.08 330	eP	P	21 46 03.4 +0.3
L16A	Fish Haven	33.15 332	P	P	21 46 03.5 -0.1
M15A	Larsen Ranch,	33.20 330	P	P	21 46 04.5 +0.5
I20A	World	33.37 337	P	P	21 46 05.4 -0.1
NCB	Newcomb	33.38 322	eP	P	21 46 04.4 -1.3
Q10A	Clear Creek Ra	33.44 323	↑P	P	21 46 07.7 +1.5
L15A	Malad City	33.58 331	↑P	P	21 46 06.4 -1.0
HVU	Hansel Valley	33.60 330	eP	P	21 46 06.9 -0.6
I19A	Meeteetse	33.77 337	↑P	P	21 46 09.2 +0.2
REDW	Red Top Meadow	33.97 334	eP	P	21 46 10.6 -0.2
REDW	comp=N,18nm,0.9s,mb5.0		eP	P	21 48 52.3 +4.4
P10A	Eureka	34.00 324	↑P	P	21 46 13.0 +1.9
SNOW	Snow King Moun	34.01 334	eP	P	21 46 11.2 +0.2
L14A	Malta	34.02 330	P	P	21 46 11.6 +0.4
EYMN	Ely	34.04 360	eP	P	21 46 08.8 -2.5
LOHW	Long Hollow	34.07 334	eP	P	21 46 11.0 -0.6
TPAW	Teton Pass	34.11 334	eP	P	21 46 11.5 -0.4
RR12	Red Ridge	34.16 333	eP	P	21 46 13.2 +0.9
K15A	Arbon	34.18 331	P	P	21 46 12.8 +0.2
MOOW	Moose Ponds	34.24 334	eP	P	21 46 12.3 -0.8
NVAR	North Arroyo	34.33 321	P	P	21 46 14.8 +0.9
NVAR	comp=N,1.4nm,0.7s,mb5.0,baz=135,slow=8.2,SNR=76		P	P	21 48 47.8 -1.3
FRNY	Fish Rock	34.36 322	eP	P	21 46 11.8 -2.3
K14A	Jones Ranch, D	34.37 331	P	P	21 46 14.3 +0.1
IMW	Indian Meadow	34.44 334	eP	P	21 46 13.4 -1.4
IMW	comp=N,4.3nm,0.7s,mb4.5		eP	P	21 48 50.2 +1.0
H18A	Shoshone NF, C	34.57 336	P	P	21 46 15.2 -0.7
AGMN	Agassiz Nation	34.61 354	eP	P	21 46 14.8 -1.4
J15A	Blackfoot	34.69 332	P	P	21 46 17.2 +0.3
B18A	Battle Mounal	34.98 324	eP	P	21 46 20.7 +1.2
GMN	Gay Meadows	35.07 337	P	P	21 46 19.5 -0.7
WAKR	Walker	35.08 320	eP	P	21 46 22.5 +2.1
J14A	comp=N,3.9nm,0.6s,mb4.5		P	P	21 46 21.2 +0.5
CMB	Columbia Colle	35.41 318	eP	P	21 46 23.2 0.0
I14A	Maacke	35.57 332	P	P	21 46 25.5 +1.0
F18A	Big Timber	35.62 338	P	P	21 46 24.4 -0.6
HLID	Halley	35.74 331	↑P	P	21 46 26.9 +0.9
HLID	Halley	35.74 331	eP	P	21 46 25.7 -0.3
HLID	comp=N,8.5nm,0.8s,mb4.7		eP	P	21 48 53.7 +0.7
H15A	Lima	35.75 333	↑P	P	21 46 27.2 +1.1
I13A	Wildhorse Cree	35.86 331	↑P	P	21 46 28.1 +1.0
MCMT	McKenzie Canyo	36.00 333	eP	P	21 46 28.9 +0.6
H14A	Leadore	36.06 333	↑P	P	21 46 29.4 +0.6
G15A	Dillon	36.12 334	P	P	21 46 29.9 +0.7

BOZ	Bozeman (W)	36.15 335	eP	P	21 46 29.2 -0.3
DGMT	Dagmar	36.21 345	↑P	P	21 46 29.4 -0.5
DGMT	Dagmar	36.21 345	eP	P	21 46 28.6 -1.4
I12A	Atlanta	36.26 330	P	P	21 46 31.0 +0.6
MFID	Carnas Ranch	36.32 329	↑P	P	21 46 31.9 +0.9
DLMT	Dillon	36.32 334	eP	P	21 46 30.7 -0.2
D19A	Cripps Ranch,	36.41 340	↑P	P	21 46 30.6 -1.1
H13A	Challis	36.42 332	P	P	21 46 32.4 +0.5
LRM	Limekiln Ridge	36.63 335	eP	P	21 46 33.0 -0.5
F15A	Butte	36.66 333	eP	P	21 46 33.5 -0.3
H12A	Diamond D Ranch	36.69 331	P	P	21 46 34.6 +0.5
G13A	Six Diamond Ra	37.04 338	↑P	P	21 46 36.0 -1.0





Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include HDMB Hadim, CSS Prodhromos, GAZI Gazipasa, etc.

BUIJ 04 22:56:47.2, 4.98S:137.79E, h12km, mb5.0/3, mb4.6/11
IDC 04 22:56:50.4, 0.7, 4.28S:137.63E, h0km, mb4.2/13,
mb1.4, 5/16, mb1mx4.4/19, mbtmp4.4/16, ML4.5/1, MS3.7/5,
Ms1.3, 7/5, ms1mx3.4/22, Error ellipse: s-maj=29.6km
s-min=14.2km, Az=112.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include BAKI Blak, KAKA Kakadu, PMG Port Moresby, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include CTA Charters Tower, FITZ Fitzroy Crossi, GUMO Guam, etc.

MAN 04 23:07:21, 7.34N:126.08E, h32km, mb4.2, ML3.0, MS2.7,
2C, Mindanao
Code Station Name Az AzZ Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include BUKP, CGP, IDC 04 23:41:42.8, NEIC 04 23:41:44, BUIJ 04 23:41:47, etc.

ATH 05 00:23:01.8, 37.98N:21.37E, h22km, MD2.8/3
ISCJB 05 00:23:02.8, 0.5, 38.05N:0.04:21.52E:0.03, h20km, 5km,
Error ellipse: s-maj=6.2km s-min=4.0km az=175.4
CSEM 05 00:23:02.3, 0.2, 38.04N:21.53E, h20km, MD2.8, Error
ellipse: s-maj=5.2km s-min=3.6km az=173.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include RLS Riolos of Patr, KALE Kalithea, etc.







Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BRTR, ILGA, KKAR, KHAL, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MKAR, CUC, PRGR, KLMR, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SMF, LOR, SSF, NB2, etc.

CASC 05:103:12.40:62.1, 13.54N:91.35W, h6km±16km, MD3.5. Near coast of Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.



2008 SEP

5d 4h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Keskin Array B, ARCESS Array B, Malin Array B, etc.

ISCJB 05 03:54:34.7±0.4, 44°15'N; 0°03:10'19E±0.04, h33km±4km, Error ellipse: s-maj=5.3km s-min=4.5km az=42.6

CSEM 05 03:54:34.3±0.2, 44°13'N; 0°03:10'26E, h30km, ML2.2/12, Error ellipse: s-maj=6.1km s-min=3.2km az=44.0

NEIC 05 03:54:34.4, 44°13'N; 0°03:10'43E, h25km, ML2.5(LDG), After LDG. LDG 05 03:54:34.0±0.3, 44°13'N; 0°03:10'43E, h25km, ML2.5, Error ellipse: s-maj=6.1km s-min=3.2km az=88.0

ROM 05 03:54:35.0±0.3, 44°14'N; 0°03:10'21E, h21km±6km, Md2.0/8, M11.9/6, Error ellipse: s-maj=2.8km s-min=2.5km az=51.0

ISC 05 03:54:35.2±0.4, 44°15'N; 0°03:10'20E±0.05, h29km±4km, n44, c0917/75, 1C, Northern Italy

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Eremita, Parma, Villacollemand, etc.

ISK 05 03:55:33.7, 37°05'N; 29°14E, h11km, MD2.6 CSEM 05 03:55:33.7, 0.2, 37°01'N; 29°16E, h10km, MD2.6, Error ellipse: s-maj=5.8km s-min=4.2km az=2.0

ISC 05 03:55:34.6±0.5, 37°04'N; 0°03:29'15E±0.04, h13km±5km, n28, c1509/47, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Gihisar (BURDU), Golhisar (BURDU), Golhisar, etc.

DDA 05 03:55:42.2, 37°55'N; 35°68E, h7km±7km, Md2.8 ISK 05 03:55:42.3, 37°57'N; 35°69E, h11km, MD2.3

ISCJB 05 03:55:43.0±0.6, 37°52'N; 0°04:35'71E±0.04, h17km±6km, Error ellipse: s-maj=6.6km s-min=5.4km az=0.7

CSEM 05 03:55:43.0±0.1, 37°51'N; 35°72E, h16km±1km, MD2.3, Error ellipse: s-maj=3.0km s-min=2.3km az=165.0

ISC 05 03:55:43.0±0.6, 37°53'N; 0°04:35'71E±0.04, h17km±4km, n16, c0976/28, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kozyt, Andirin, Ceyhan, etc.

CSEM 05 04:14:41.9±0.3, 50°13'N; 19°03E, h0km±3km, ML3.3/8, Error ellipse: s-maj=6.0km s-min=3.2km az=7.0

IPEC 05 04:14:41.4±0.2, 50°16'N; 19°10E, h0km, ML2.7/3, Error ellipse: s-maj=2.8km s-min=1.1km az=167.0

PRU 05 04:14:42.8±0.5, 19°19N; 19°02E, h0km VIE 05 04:14:45.0±0.5, 49°33'N; 18°92E, h0km, mb2.2/3, ML2.9/5, Error ellipse: s-maj=2.8km s-min=2.8km az=177.0 47 km S of Katowice Suspected Mining Induced.

WAR 05 04:14:41.6±0.5, 11°19N; 16°13E, 13C-6D, Poland

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Ostrava-Krasne, Niedzica, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kruc, Psz, etc.

DDA 05 04:26:23.1, 36°99'N; 29°22E, h7km±5km, Md3.0 CSEM 05 04:26:24.3±0.5, 36°98'N; 29°24E, h2km, MD2.3, Error ellipse: s-maj=10.4km s-min=9.4km az=121.0

ISK 05 04:26:24.1, 37°37'N; 29°22E, h6km, MD2.3 ISKJB 05 04:26:25.6±0.7, 37°04'N; 0°04:29'22E±0.04, h12km±6km, Error ellipse: s-maj=6.8km s-min=5.8km az=175.7

ISC 05 04:26:25.6±0.7, 37°02'N; 0°03:29'21E±0.04, h2km±12km, n18, c1333/32, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Gihisar (BURDU), Golhisar, Golhisar, etc.

ISCJB 05 04:33:07.7±0.9, 40°71'N; 0°04:20'63E±0.06, h5km±10km, Error ellipse: s-maj=7.3km s-min=5.9km az=10.1

THE 05 04:33:08.5, 40°69'N; 20°68E, h12km±2km, ML2.6/2, Error ellipse: s-maj=2.4km s-min=1.1km az=14.0

CSEM 05 04:33:08.2±0.3, 40°69'N; 20°67E, h10km, ML2.6/2, Error ellipse: s-maj=4.8km s-min=4.5km az=81.0

SKO 05 04:33:09.1, 40°70'N; 20°66E, h6km ISK 05 04:33:08.2±0.1, 40°70'N; 20°64E±0.06, h10km±14km, n16, c0672/9, Greece-Albania border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Korca, Nestorio, Leskovik, etc.

KRSC 05 04:53:25.1±2.5, 55°22'N; 16°13E, h66km±66km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Zelenaya, Bezymyannaya, Krutoberegovo, etc.









Table with columns: BRG, 5d, 4h, Berggiesshubel, 42.73 308, P, 05 05 28.0 +0.6, etc.

Table with columns: YAK, comp=E,250nm,2.0s, smax, 43.82 35, P, 05 05 35.2 -0.2, etc.

Table with columns: BJO1, Bjornoya, 45.32 343, eP, P, 05 05 46.7 -0.4, etc.

HAU	comp=Z,90nm,0.8s,mb5.2		pmax	pmax			
HAU	comp=Z,160nm,19.8s						
HAU	Haudoupre 48.07 305	eP	P		05 06 08.6	-0.2	
HAU	comp=Z,90nm,0.8s,mb5.2						
HAU	comp=Z,160nm,19.8s		LR	LR			
SAOF	Saorge 48.13 300	eP	P		05 06 08.9	-0.4	
AUTN	L'Aution 48.22 300	eP	P		05 06 10.2	+0.2	
SBF	Sospel 48.25 300	eP	P		05 06 10.0	-0.2	
SBF	comp=Z,414nm,1.0s,mb5.4						
SBF	Sospel 48.25 300	eP	P		05 06 10.0	-0.2	
SBF	comp=Z,207nm,1.0s,mb5.4						
SBF	Sospel 48.25 300	eP	P		05 06 10.0	-0.2	
THEF	They Montfort 48.27 306	eP	P		05 06 10.2	-0.1	
LUCF	Luceram 48.30 300	eP	P		05 06 10.5	-0.1	
BCLA	Clavier 48.31 309	P	P		05 06 10.5	0.0	
BCLA	comp=Z,43nm,1.5s,mb4.6						
BCLA	AP	pP	pP		05 07 00.8	+0.5	
BCLA	Revere 48.32 299	eP	P		05 06 10.4	-0.4	
REFV	La Plagne 48.33 302	eP	P		05 06 11.1	+0.3	
LPG	comp=Z,278nm,1.0s,mb5.2						
LPG	La Plagne 48.33 302	eP	P		05 06 11.1	+0.3	
LPG	comp=Z,193nm,1.0s,mb5.2						
LPG	La Plagne 48.33 302	eP	P		05 06 11.1	+0.3	
LPG	comp=Z,193nm,1.0s,mb5.2						
LPG	La Plagne 48.33 302	eP	P		05 06 11.1	+0.3	
TOUF	Mont Tournerai 48.34 300	eP	P		05 06 11.0	+0.1	
LPL	La Plagne 48.34 302	eP	P		05 06 11.2	+0.3	
LPL	comp=Z,259nm,1.1s,mb5.2						
LPL	La Plagne 48.34 302	eP	P		05 06 11.2	+0.3	
LPL	comp=Z,157nm,1.1s,mb5.2						
LPL	La Plagne 48.34 302	eP	P		05 06 11.2	+0.3	
JNU	Nakatsue 48.37 71P	P	P		05 06 12.0	+0.8	
JNU	comp=Z,38nm,0.9s,mb4.7						
JNU	MBDF Montbard 48.50 301	eP	pP		05 07 03.6	+2.6	
MBDF	comp=Z,112nm,0.6s,mb5.1						
MBDF	Montbard 48.50 301	eP	P		05 06 11.6	-0.5	
MBDF	comp=Z,56nm,0.6s,mb5.1						
MBDF	Montbard 48.50 301	eP	P		05 06 11.6	-0.5	
SURF	Saint Ours 48.53 300	eP	P		05 06 12.5	+0.2	
CABF	La Chapelle 48.53 303	eP	P		05 06 12.4	+0.1	
CABF	comp=Z,517nm,1.2s,mb5.4						
CABF	La Chapelle 48.53 303	eP	P		05 06 12.4	+0.1	
CABF	comp=Z,259nm,1.2s,mb5.4						
CABF	La Chapelle 48.53 303	eP	P		05 06 12.4	+0.1	
KBS	Kingsbay 48.64 347	AMB	AMB		05 06 13.7	+0.9	
KBS	comp=Z,286nm,1.7s,mb5.3						
KBS	Kingsbay 48.64 347	eP	pP		05 16 34.4	+5.3	
KBS	comp=Z,429nm,1.2s,mb5.7						
KBS	Kingsbay 48.64 347	AMB	AMB		05 06 13.6	+0.8	
CALN	Catern 48.66 299	eP	P		05 06 13.0	-0.3	
GIVF	Givet 48.66 308	eP	P		05 06 13.7	+0.5	
GIVF	comp=Z,508nm,1.3s,mb5.4						
GIVF	Givet 48.66 308	eP	P		05 06 13.7	+0.5	
GIVF	comp=Z,254nm,1.3s,mb5.4						
GIVF	Givet 48.66 308	eP	P		05 06 13.7	+0.5	
GIVF	comp=Z,254nm,1.3s,mb5.4						
GIVF	Givet 48.66 308	eP	P		05 06 13.7	+0.5	
DOU	Dourbes 48.81 308	P	P		05 06 14.6	+0.2	
DOU	comp=Z,97nm,1.4s,mb4.9						
DOU	AP	pP	pP		05 07 04.8	+0.6	
DOU	XP	sP	sP		05 07 29.8	-0.3	
MEZF	Maizieres J'vi 48.82 306	eP	P		05 06 14.8	+0.3	
MEZF	comp=Z,534nm,1.2s,mb5.2						
MEZF	Maizieres J'vi 48.82 306	eP	P		05 06 14.8	+0.3	
MEZF	comp=Z,534nm,1.2s,mb5.2						
MEZF	Maizieres J'vi 48.82 306	eP	P		05 06 14.8	+0.3	
GDM	Grand Maison 48.84 302	eP	P		05 06 14.1	-0.5	
JOW	Kunigami 48.84 84	eP	P		05 06 14.6	-0.4	
FRF	La Foret Royal 48.88 299	eP	P		05 06 14.4	-0.6	
FRF	comp=Z,149nm,0.8s,mb5.0						
FRF	La Foret Royal 48.88 299	eP	P		05 06 14.4	-0.6	
FRF	comp=Z,74nm,0.8s,mb5.1						
FRF	La Foret Royal 48.88 299	eP	P		05 06 14.4	-0.6	
FRF	comp=Z,74nm,0.8s,mb5.1						
FRF	La Foret Royal 48.88 299	eP	P		05 06 14.4	-0.6	
FRF	comp=Z,491nm,1.3s,mb5.4						
SFTF	Sextfontaines 48.89 306	eP	P		05 07 04.7	-0.1	
SFTF	comp=Z,491nm,1.3s,mb5.7						
SFTF	Sextfontaines 48.89 306	eP	P		05 06 14.9	-0.1	
SFTF	comp=Z,491nm,1.3s,mb5.7						
SNF	Senefle 48.93 309	P	P		05 06 15.5	+0.2	
SNF	comp=Z,140nm,1.6s,mb5.0						
SNF	AP	pP	pP		05 07 05.8	+0.7	
SNF	XP	sP	sP		05 07 30.6	-0.3	
KMBO	Kilima Mbogo 49.01 228	P	P		05 06 15.2	-1.2	
KMBO	comp=Z,50nm,0.7s,mb4.9						
KMBO	Kilima Mbogo 49.01 228	P	P		05 06 17.1	+0.8	
KMBO	comp=Z,50nm,0.7s,mb4.9						
KMBO	Kilima Mbogo 49.01 228	P	P		05 06 17.1	+0.8	
KMBO	comp=Z,50nm,0.7s,mb4.9						
KMBO	Kilima Mbogo 49.01 228	P	P		05 06 17.8	+1.5	
LMR	La Moure 49.03 299	eP	P		05 06 15.3	-0.8	
LMR	comp=Z,184nm,1.5s,mb4.9						
LMR	La Moure 49.03 299	eP	P		05 06 15.3	-0.8	
LMR	comp=Z,92nm,1.5s,mb4.9						
LMR	La Moure 49.03 299	eP	P		05 06 15.3	-0.8	
BAIF	Baives 49.06 308	eP	P		05 06 16.8	+0.5	
BAIF	comp=Z,626nm,1.2s,mb5.5						
BAIF	Baives 49.06 308	eP	P		05 07 06.9	+0.7	
BAIF	comp=Z,186nm,0.6s,mb5.7						
BAIF	Baives 49.06 308	eP	P		05 06 16.8	+0.5	
BAIF	comp=Z,313nm,1.2s,mb5.5						
BAIF	Baives 49.06 308	eP	P		05 06 16.8	+0.5	
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 07 06.9	+0.7	
ORIF	comp=Z,313nm,1.2s,mb5.5						
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 06 15.4	-1.0	
ORIF	comp=Z,208nm,21.2s						
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 07 05.0	-1.3	
ORIF	comp=Z,250nm,0.8s,mb4.6						
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 06 15.4	-1.0	
ORIF	comp=Z,250nm,0.8s,mb4.6						
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 07 05.0	-1.3	
ORIF	comp=Z,250nm,0.8s,mb4.6						
ORIF	Oris-en-Rattie 49.07 301	eP	P		05 06 16.2	-0.3	
KEST	Kesra 49.25 209	P	P		05 06 18.0	+0.1	
KEST	comp=Z,36nm,0.7s,mb4.9						
KEST	Kesra 49.25 209	P	P		05 06 17.8	-0.1	
KEST	comp=Z,36nm,0.7s,mb4.9						
KEST	Kesra 49.25 209	P	P		05 07 08.4	+0.5	
KSI	Kapahiang 49.50 137	P	P		05 06 19.8	-0.1	
KSI	comp=Z,218nm,0.6s,mb5.7						
SMRF	Simiane la Rot 49.52 300	eP	P		05 06 19.5	-0.3	
SMRF	comp=Z,112nm,1.1s,mb4.8						
SMRF	Simiane la Rot 49.52 300	eP	P		05 06 19.5	-0.3	
SMRF	comp=Z,112nm,1.1s,mb4.8						
LOR	Lormes 49.88 305	eP	P		05 06 21.7	-0.7	
LOR	comp=Z,174nm,1.2s,mb5.0						
LOR	Lormes 49.88 305	eP	P		05 07 12.1	-0.4	
LOR	comp=Z,202nm,22.0s						
LOR	Lormes 49.88 305	eP	P		05 06 21.7	-0.7	
LOR	comp=Z,87nm,1.2s,mb5.0						
LOR	Lormes 49.88 305	eP	P		05 07 12.1	-0.4	
LOR	comp=Z,200nm,22.0s						
LOR	Lormes 49.88 305	eP	P		05 06 21.7	-0.7	
LOR	comp=Z,87nm,1.2s,mb5.0						
LOR	Lormes 49.88 305	eP	P		05 07 12.1	-0.4	

LOR	comp=Z,200nm,22.0s						
SSB	Saint Sauveur 49.90 302	P	P		05 06 22.3	-0.3	
SSB	comp=Z,71nm,0.8s,mb5.0						
SSB	Saint Sauveur 49.90 302	P	P		05 06 22.3	-0.3	
SSB	comp=Z,71nm,0.8s,mb5.0						
VIVF	Saint-Julien-I 49.91 301	eP	pP		05 07 12.9	+0.2	
VIVF	comp=Z,135nm,0.7s,mb5.1						
VIVF	Saint-Julien-I 49.91 301	eP	pP		05 07 12.9	+0.2	
VIVF	comp=Z,135nm,0.7s,mb5.1						
VIVF	Saint-Julien-I 49.91 301	eP	pP		05 06 22.7	-0.1	
VIVF	comp=Z,68nm,0.7s,mb5.1						
VIVF	Saint-Julien-I 49.91 301	eP	pP		05 06 22.7	-0.1	
VIVF	comp=Z,68nm,0.7s,mb5.1						
SMF	Signal de Mont 50.03 304	eP	pP		05 07 13.1	+0.2	
SMF	comp=Z,429nm,1.0s,mb5.5						
SMF	Signal de Mont 50.03 304	eP	pP		05 06 23.3	-0.3	
SMF	comp=Z,214nm,1.0s,mb5.4						
SMF	Signal de Mont 50.03 304	eP	pP		05 06 23.3	-0.3	
SMF	comp=Z,214nm,1.0s,mb5.4						
KSM	Kuching 50.15 125	P	P		05 06 25.5	+1.6	
KSM	comp=Z,5.3nm,0.8s						
KSM	Kuching 50.15 125	P	pP		05 07 15.0	-0.1	
KSM	comp=Z,585nm,comp=Z,27nm,1.3s,mb4.4						
KSM	Kuching 50.15 125	P	P		05 06 25.7	+0.8	
SSF	Saint Saugle 50.16 304	eP	P		05 06 24.1	-0.5	

5d 4h

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Table with columns: ASAJ, Asahikawa, 53.35 58 P, P, 05 06 48.0 -0.2, comp=Z,139m,0.6s,m4.5,baz=284,slow=16,SNR=14

Table with columns: ENIJ, Nijar, 57.44 294 P, P, 05 07 17.3 -0.1, comp=Z,112nm,0.7s,m5.6

Table with columns: MESJ, Messejana, 61.44 298 eP, S, 05 07 44.2 +1.2, comp=Z,152nm,1.1s,m5.5



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ALID Alaid, MIPR Malaya Ipel'ka, SKR Severo-Kuril's, etc.

DDA 05:05:03:37.7, 36.97N, 29.14E, h7km, 4km, MD3.1
ISC/JB 05:05:03:39.7, 37.02N, 0.03:29.20E, 0.05, h20km, 6km,
Error ellipse: s-maj=6.6km s-min=5.3km az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLHS Ghlisar, GHLH Ghlisar, GOLH Golhisar, etc.

ISC/JB 05:05:12:11.0, 0.7, 26.68S, 0.03:70.65W, 0.07, h36km, 6km,
mb4.7/81, MS4.0/4, Error ellipse: s-maj=9.9km
s-min=4.4km az=171.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO Las Campanas, ANCH Antofagasta, MECH Mejillones, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA3 Neumayer Olymp, VNA3 Neumayer-Stat, VNA1 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like V26A Tequesquite Ra, LPM Los Pinos Moun, X23A Hourglass Bar, etc.



MVCO	Mesa Verde	72.89 329	↑P	P	05 23 38.2 +0.3
U18A	Rough Rock, Ch	72.89 328	↓P	P	05 23 38.6 +0.7
WUAZ	Wupatki	72.90 326	P	P	05 23 38.8 +0.7
WUAZ	Wupatki	72.90 326	eP	P	05 23 38.5 +0.4
WUAZ	comp=E,5.0nm,1.0s,mb4.8				05 23 54.6
S21A	Coal Bank Pass	72.93 330	P	P	05 23 39.1 +0.9
R22A	Saguache, Gunn	72.94 331	↑P	P	05 23 38.9 +0.6
P25A	Willow Gulch B	72.95 333	↑P	P	05 23 38.2 0.0
W15A	Williams	72.93 325	↑P	P	05 23 40.0 +0.8
Y12C	Blythe	73.17 323	P	P	05 23 39.8 0.0
DVTC	Desert V Tower	73.22 321	↑P	P	05 23 40.4 +0.3
SWSC	Sam W. Stewart	73.26 321	↑P	P	05 23 40.6 +0.3
U16A	Tuba City	73.28 327	↑P	P	05 23 40.2 -0.1
S20A	Disappointment	73.33 330	↑P	P	05 23 41.4 +0.8
PDMCI	Parker Dam,Lak	73.39 323	↑P	P	05 23 40.7 -0.2
R21A	Cimarron	73.41 330	↑P	P	05 23 41.3 +0.2
O25A	Wiggins	73.44 334	↑P	P	05 23 41.8 +0.7
X13A	Yuca	73.44 324	↑P	P	05 23 41.1 -0.2
T18A	Mexican Hat	73.47 328	↑P	P	05 23 41.6 +0.2
W14A	Seligman	73.53 325	P	P	05 23 42.4 +0.6
BAR	Barrett	73.56 321	eP	P	05 23 41.7 -0.4
MONP	Monument Peak	73.57 321	↑P	P	05 23 42.1 -0.1
BC3	Big Chuckawall	73.61 322	P	P	05 23 42.3 0.0
R20A	Redvale	73.63 330	↑P	P	05 23 43.0 +0.7
ISCO	Idaho Springs	73.78 333	↑P	P	05 23 43.5 +0.4
Q21A	Idaho Springs	73.78 333	eP	P	05 23 43.3 +0.2
ISCO	Lamborn Mesa,	73.81 331	↑P	P	05 23 43.6 +0.3
IRM	Iron Mountain	73.82 323	P	P	05 23 43.6 0.0
O24A	Longmont	73.83 333	↑P	P	05 23 43.8 +0.4
V14A	Boquillas Ranch	73.87 325	P	P	05 23 44.3 +0.5
S18A	Hurst Farm, Bl	73.93 328	↑P	P	05 23 45.1 +0.8
ECSD	EROS Data Cent	74.05 341	eP	P	05 23 43.5 -1.1
U15A	North Rim	74.08 326	↑P	P	05 23 45.7 +0.7
PFO	Pinyon Flat Ob	74.13 321	↑P	P	05 23 45.7 +0.4
BELC	Belle Mtn. Jos	74.17 322	↑P	P	05 23 45.8 +0.2
O23A	Lake Granby, G	74.25 333	P	P	05 23 46.5 +0.6
P21A	Newcastle	74.32 331	↑P	P	05 23 47.2 +0.8
N24A	Carr	74.35 334	↑P	P	05 23 47.4 +0.9
V13A	Grand Canyon W	74.49 325	P	P	05 23 47.7 +0.3
U14A	Mt Trumbull	74.52 325	P	P	05 23 48.4 +0.9
W12A	Cal Nev Ari	74.53 324	↑P	P	05 23 47.7 0.0
MURC	Murieta	74.54 321	P	P	05 23 47.5 -0.2
GMRC	Granite Mounta	74.56 323	P	P	05 23 48.3 +0.4
Q19A	Hogan Spring (	74.66 330	↑P	P	05 23 48.8 +0.6
N23A	Red Feather La	74.84 333	↑P	P	05 23 49.5 +0.2
V12A	Nelson	74.85 324	↑P	P	05 23 49.7 +0.2
M24A	Cheyenne	74.88 334	↑P	P	05 23 50.2 +0.7
HEC	Hector,Ludlow	74.97 322	↑P	P	05 23 50.6 +0.4
N22A	Wattenberg Ran	74.97 333	↑P	P	05 23 51.1 +1.1
T14A	Hurricane	74.97 326	P	P	05 23 50.8 +0.7
P19A	Cripple Cowboy	75.08 330	↑P	P	05 23 50.8 +0.1
O20A	White River Ci	75.17 331	↑P	P	05 23 51.8 +0.5
TUQ	Turquoise Moun	75.20 323	P	P	05 23 51.7 +0.2
U12A	Valley of Fire	75.22 325	↑P	P	05 23 52.1 +0.4
BFSC	Mount Baldy Ra	75.26 321	P	P	05 23 51.9 0.0
T13A	Saint George	75.35 325	↑P	P	05 23 53.0 +0.7
R15A	Junction	75.47 327	↑P	P	05 23 53.7 +0.7
GSC	Goldstone	75.58 322	↑P	P	05 23 53.8 +0.1
GSC	Goldstone	75.58 322	eP	P	05 23 54.0 +0.3
SHPR	Sheep Range	75.60 324	eP	P	05 23 54.0 +0.2
N20A	Spence Gulch,	75.75 331	↑P	P	05 23 54.9 +0.4
S13A	Holt Ranch, En	75.76 326	P	P	05 23 55.6 +0.9
L23A	Garrett	75.77 334	P	P	05 23 54.6 0.0
R14A	James Farms, M	75.90 327	↑P	P	05 23 56.3 +0.8
EDW2	Edwards Air Fo	75.92 321	P	P	05 23 55.3 -0.4
M21A	Separation Pea	76.02 332	↑P	P	05 23 56.4 +0.4
RWWY	Rawlins	76.02 333	eP	P	05 23 56.7 +0.6
RWWY	comp=E,1.8nm,0.8s,mb4.0				05 24 11.1 +2.8
O18A	Roosevelt	76.05 330	↑P	P	05 23 57.2 +1.0
Q15A	Fillmore	76.14 328	↑P	P	05 23 57.4 +0.6
U10A	Ash Meadows, A	76.16 323	↑P	P	05 23 57.5 +0.5
LRMC	Laurel Mountai	76.19 322	P	P	05 23 57.1 -0.1
T11A	Corn Creek, Al	76.19 325	P	P	05 23 57.8 +0.6
N19A	John Jarvis Ra	76.20 331	↑P	P	05 23 57.4 +0.3
G20A	Sweetwater, Wa	76.26 332	↑P	P	05 23 57.7 +0.2
R13A	O'Grain Ranch,	76.28 326	↑P	P	05 23 58.6 +1.0
L21A	Rawlins	76.32 333	↑P	P	05 23 58.0 +0.3
O17A	Robinson Place	76.33 329	↑P	P	05 23 58.7 +0.9
FURC	Furnace Creek,	76.48 323	↑P	P	05 23 58.9 +0.1
MPMC	Manual Propsec	76.51 323	P	P	05 23 58.9 -0.1
K22A	Casper	76.55 334	↑P	P	05 23 59.4 +0.4
Q14A	Sevier Lake (B	76.57 327	↑P	P	05 24 00.1 +0.9
MPU	John Jarvis Ra	76.59 329	eP	P	05 23 59.2 -0.1
M19A	Rock Springs	76.69 331	↑P	P	05 23 59.9 0.0
R12A	Pony Springs,	76.71 326	P	P	05 24 00.9 +0.9

L20A	Wamsutter	76.75 332	P	P	05 24 00.5 +0.3
ISA	Isabella	76.76 322	P	P	05 24 00.7 +0.2
ISA	Isabella	76.76 322	eP	P	05 24 00.6 +0.2
S11A	Rachel	76.77 325	↑P	P	05 24 01.2 +0.7
K21A	Alcov	76.83 333	P	P	05 24 01.0 +0.4
RSSD	Black Hills	76.85 336	eP	P	05 24 00.4 -0.3
RSSD	Drum Mountains	76.94 328	↑P	P	05 24 16.1
P14A	Peak Mountain	76.97 320	↑P	P	05 24 01.9 +0.6
PKM	Peak Mountain	76.97 320	↑P	P	05 24 01.9 +0.3
N17A	Moffitt Pass	76.97 330	P	P	05 24 02.0 +0.6
JLU	Jordanelle	76.98 329	eP	P	05 24 01.8 +0.3
JLU	Lyman	77.02 331	↑P	P	05 24 17.9
M18A	Lyman	77.02 331	↑P	P	05 24 01.5 -0.2
CWC	Cottonwood Cre	77.11 322	↑P	P	05 24 02.8 +0.4
GRAC	Grapevine Rang	77.14 323	↑P	P	05 24 02.7 +0.2
J22A	Midwest	77.17 334	P	P	05 24 02.1 -0.4
N16A	Rees Ranch, Co	77.20 329	↑P	P	05 24 03.4 +0.6
R11A	Troy Canyon, C	77.22 325	↑P	P	05 24 03.2 +0.3
YES	Vestal, Richgr	77.23 321	↑P	P	05 24 02.8 -0.3
L19A	Fanslow	77.26 331	P	P	05 24 03.4 +0.4
DUG	Dugway	77.29 328	↑P	P	05 24 03.5 +0.2
P13A	Bates Ranch, G	77.29 327	↑P	P	05 24 03.8 +0.5
K20A	Yellowstone Ra	77.29 332	↑P	P	05 24 03.0 -0.2
SMMC	Simmer	77.36 320	↑P	P	05 24 03.8 0.0
L18A	Fontenelle, Gr	77.41 331	P	P	05 24 04.0 +0.1
S10A	Tonopah Range,	77.42 324	↑P	P	05 24 04.2 +0.2
J21A	Lysite	77.50 333	P	P	05 24 04.3 0.0
R10A	Warm Springs	77.55 325	P	P	05 24 05.5 +0.8
M16A	Huntsville	77.63 330	P	P	05 24 05.0 -0.1
Q11A	Duckwater	77.64 326	P	P	05 24 05.6 +0.4
K19A	Abolton Red Bu	77.64 332	↑P	P	05 24 04.7 -0.5
RCTC	Rector, Farmer	77.66 322	↑P	P	05 24 05.1 -0.3
J20A	Shoshoni	77.76 333	P	P	05 24 06.2 +0.4
I21A	Big Trails, Te	77.83 334	P	P	05 24 07.7 -0.5
HWUT	Hardware Ranch	77.83 330	eP	P	05 24 05.9 -0.3
PDAR	Pinedale Array	77.89 332	P	P	05 24 06.0 -0.6
L17A	Cokeville	77.92 331	P	P	05 24 06.6 -0.1
BGU	Big Grassy Mou	77.97 328	eP	P	05 24 06.6 -0.4
K18A	Toitan Ranch,	77.99 331	P	P	05 24 07.7 +0.5
AGMM	Agassiz Nation	78.03 343	eP	P	05 24 06.2 -1.0
J19A	Crowheart	78.09 332	P	P	05 24 07.4 -0.3
L16A	Fish Haven	78.10 330	↑P	P	05 24 07.8 +0.1
M15A	Larsen Ranch,	78.12 329	P	P	05 24 07.7 -0.2
I20A	Worland	78.28 333	P	P	05 24 08.6 -0.1
MLAC	Mammoth Lakes	78.40 323	↑P	P	05 24 10.0 +0.5
H21A	Big Horn, Sher	78.41 334	P	P	05 24 08.8 -0.7
J18A	Kenall Valley	78.45 332	P	P	05 24 09.5 -0.2
K17A	Gardner Place,	78.47 331	P	P	05 24 09.6 -0.2
HVU	Hansel Valley	78.52 329	eP	P	05 24 09.7 -0.4
L15A	Malad City	78.52 330	↑P	P	05 24 09.9 -0.2
AHD	Auburn Hatcher	78.56 331	↑P	P	05 24 10.2 -0.1
P10A	Eureka	78.63 326	↑P	P	05 24 11.2 +0.5
H20A	Greybull	78.67 334	P	P	05 24 10.4 -0.4
NVAR	Mina Array Bas	78.70 324	P	P	05 24 10.9 -0.2
NVAR	comp=E,3.8nm,0.8s,mb4.4,baz=155,slow=6.5,SNR=29				05 24 27.1 +3.7
I19A	Mesetas	78.70 333	P	P	05 24 11.2 +0.2
I18A	Diamond G Ranch	78.77 332	P	P	05 24 11.7 +0.3
K16A	Soda Springs	78.82 331	↑P	P	05 24 12.4 +0.7
J17A	Brown Place, J	78.87 331	P	P	05 24 12.2 +0.3
REDW	Red Top Meadow	78.93 331	eP	P	05 24 12.2 -0.1
L14A	Malta	78.93 329	↑P	P	05 24 12.1 -0.2
SNOW	Snow King Moun	78.97 331	eP	P	05 24 12.7 +0.2
G21A	Lodge Grass	78.98 335	P	P	05 24 12.6 0.0
LOHW	Long Hollow	79.03 332	eP	P	05 24 12.8 0.0
TPAW	Tet Pass	79.08 331	eP	P	05 24 13.1 0.0
RR12	Red Ridge	79.12 331	eP	P	05 24 13.4 +0.1
K15A	Arbon	79.12 330	P	P	05 24 13.2 -0.2
J16A	Bone	79.19 331	P	P	05 24 13.8 +0.2
MOOW	Moose Ponds	79.19 332	eP	P	05 24 13.5 -0.2
H19A	Powell	79.22 333	P	P	05 24 13.8 0.0
DCDI	Drake Creek	79.26 331	eP	P	05 24 14.7 +0.6
I17A	Pilgrim Ck.	79.26 332	P	P	05 24 14.8 +0.8
K14A	Jones Ranch, D	79.31 329	P	P	05 24 13.9 -0.5
WAKR	Walker	79.36 323	eP	P	05 24 14.8 +0.1
G20A	Brider	79.37 334	P	P	05 24 14.2 -0.5
IMW	Indian Meadow	79.40 332	eP	P	05 24 15.0 +0.1
FLWY	Flagg Ranch	79.45 332	eP	P	05 24 15.4 +0.4
H18A	Shoshone NF, C	79.50 333	P	P	05 24 15.3 0.0
I16A	Newdale	79.51 331	P	P	05 24 16.2 +0.2
J15A	Blackfoot	79.61 330	P	P	05 24 16.4 +0.2
RLMT	Red Lodge	79.70 333	P	P	05 24 16.7 +0.3
RLMT	Red Lodge	79.70 333	eP	P	05 24 16.7 +0.2
YFT	Old Faithful	79.80 332	eP	P	05 24 18.2 +1.2
MAW	Mawson	79.89 164	↑P	P	05 24 17.1 +0.3
F20A	Billings	79.82 334	↑P	P	05 24 16.9 -0.2

LAO	LASA Array	79.84 336	P	P	05 24 17.0 -0.2
LAO	LASA Array	79.84 336	eP	P	05 24 16.6 -0.6
G18A	Lazy L Ranch,	79.98 333	P	P	05 24 17.9 -0.1
YMR	Madison River	80.03 332	eP	P	05 24 19.0 +0.8
YMR	comp=E,4.1nm,0.8s,mb5.4				05 24 34.6
E21A	Keefe Ranch,	80.03 335	eP	P	05 24 18.1 -0.1
J14A	Carey	80.07 330	↑P	P	05 24 18.6 +0.1
I15A	Montevie	80.15 331	P	P	05 24 19.6 +0.7
F19A	Roth Farm, Mol	80.18 334	P	P	05 24 18.8 -0.2
H16A	Russell Place,	80.18 332	P	P	05 24 20.0 +0.9
E20A	Meyer Farm, Mu	80.40 335	P	P	05 24 20.2 0.0
GCMT	Groeyliff	80.41 333	eP	P	05 24 19.8 -0.5
J13A	Cove Ranch, Pl	80.43 329	P	P	05 24 20.8 +0.3
D21A	La Casta Ranch	80.45 336	P	P	05 24 20.3 -0.1
G17A	Pierce	80.47 333	P	P	05 24 21.3 +0.8
I14A	Mackay	80.52 330	P	P	05 24 21.6 +0.7
F18A	Big Timber	80.53 333	P	P	05 24 22.8 -0.1
TORD	Tordi Ar. Bea	80.53 70	P	P	05 24 20.0 +0.3
TORD	comp=E,6.7nm				

5d 7h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Bradley Ranch, Swan Lake, West Butte Ran, etc.

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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 HHC, HHC, HHC, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like SOMN, KURK, ZALV, etc.

NEIC 05 05:57:44.0, 17:53N-95:09W, h135km, MD4.0(MEX), After MEX.

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 Oaxaca, Vista Hermosa, Huatulco, etc.

NEIC 05 06:02:20.8, 13:43N-92:44W, h16km, MD4.1(MEX), After MEX.

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 Off coast of Chiapas, THIG, PCIG, etc.

NNC 05 06:53:24.2±2.6, 53.79N-86:38E, h0km, mb3.6, mpv3.2, 5C-4D, Error ellipse: s-maj=20.0km s-min=15.8km az=57.0, Southeastern Siberia

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 KURK, KURB, MK31, etc.

ISCJB 05 07:26:39.4±0.6, 41:72N, 0:09:88.4E±0:1, h10km, mb3.7/6, Error ellipse: s-maj=15.8km s-min=6.5km az=39.5

ISC 05 07:26:41.8, 41:66N-83:34E, h14km, ML3.6/9, Error ellipse: s-maj=42.3km s-min=22.2km az=51.0

ISC 05 07:26:49.1±5.2, 42:36N-87:96E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=41.6km s-min=37.5km az=88.0

ISC 05 07:26:41.9±0.6, 41:63N, 0:07:88.35E±0:09, h10km, n15, ±141N, 13:37/6, 3C-4D, Southern Xinjiang

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 WMQ, Urumqi, MK31, etc.



Table with columns: CTA, Charters Tower, 33.35 283, P, P, 09 14 08.7 +0.2, 09 26 15.9, 09 14 09.2 +0.7

ATH 05 09:08:54.6, 39°9'1N, 24°01'E, h37km, 3km, MD3/0/4
ISCJIB 05 09:08:57.3-0.6, 39°95'N, 02°23'83E, 0.05, h5km, 7km,
Error ellipse: s-maj=6.5km s-min=4.1km az=0-1

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

IDC 05 09:14:45.1±1.4, 7.38S, 150.07E, h0km, mb3.7/5,
mb1 3.9/6, mb1mx3.8/16, mbtmp3.7/6, ML3.7/1, Error
ellipse: s-maj=51.6km s-min=22.8km az=117.0

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

NNC 05 09:18:33.8±1.2, 37.49N, 70°22'E, h0km, mb3.6, mpv3.7,
SD, Error ellipse: s-maj=17.3km s-min=13.9km az=175.0,
Afghanistan-Tajikistan border region

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

BUC 05 09:27:31.1±0.5, 46°06'N, 25°78'E, h70km, MD2.8, 3/8C,
Error ellipse: s-maj=7.7km s-min=2.9km az=337.0,
Romania

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

IDC 05 09:34:26.9±7.9, 36°23'S, 177°64E, h0km, mb4.0/3,
mb1 4.2/3, mb1mx3.9/14, mbtmp4.0/3, MS3.4/3, Ms1 3.4/3,
ms1mx3.2/16, Error ellipse: s-maj=283.4km s-min=44.5km
az=37.0
ISCJIB 05 09:34:30.9±0.6, 37°79'S, 0°03'176E, 0.04, h14km, 3km,
mb3.9/3, MS3.4/3, Error ellipse: s-maj=5.8km s-min=4.6km
az=32.7

NEIC 05 09:34:31.3, 37°80'S, 176°79E, h5km, ML4.2(WEL), After
WEL
NEIC 05 09:34:31.3, 37°80'S, 176°79E, h5km, ML4.2, 2/8D, Error
ellipse: s-maj=0.8km s-min=0.7km az=0.0
WEL Fell from Bay of Plenty to Rotorua, maximum reported
intensity MM 5.

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

ASAR Alice Springs 42.18 270 P P 09 15 22.6 -0.2
WRA Warramunga Arr 43.36 275 P P 09 15 31.5 -0.8
FITZ Fitzroy Crossi 51.53 272 P P 09 16 35.0 -0.7

IDC 05 09:47:28.5±0.9, 0.88N, 125.65E, h0km, mb3.8/7,
mb1 3.9/8, mb1mx3.7/20, mbtmp3.8/8, ML3.6/1, Error
ellipse: s-maj=53.8km s-min=15.4km az=75.0

DJA 05 09:47:35.0, 0.91N, 126.05E, h11km, MLV4.0/5
ISCJIB 05 09:47:36.0±0.7, 0.93N, 126.09E, 0.06, h75km, 9km,
mb3.8/7, Error ellipse: s-maj=12.1km s-min=9.1km
az=25.7

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

TAP 05 09:51:45.0, 24°21'N, 119°52'E, h21km, 1km, ML3.1, 1D, D,
Taiwan region

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

IDC 05 10:47:10.3±2.9, 4.95S, 102°10'E, h0km, mb3.6/6,
mb1 3.7/6, mb1mx3.6/18, mbtmp3.6/6, Error ellipse:
s-maj=107.7km s-min=21.6km az=62.0

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

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

KRSC 05 10:27:25.6±0.2, 56°21'N, 163°36'E, h15km, 15km, ML3.7,
Near east coast of Kamchatka Peninsula

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

WEL 05 10:21:11.3±0.8, 36°40'S, 177°34'E, h12km, ML3.8/8, Error
ellipse: s-maj=3.0km s-min=4.7km az=0.0, Off east
coast of North Island

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

DJA 05 10:21:13.8, 8°55'S, 117°64'E, h12km, MLV3.8/4, Sumbawa
region

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

IDC 05 10:47:10.3±2.9, 4.95S, 102°10'E, h0km, mb3.6/6,
mb1 3.7/6, mb1mx3.6/18, mbtmp3.6/6, Error ellipse:
s-maj=107.7km s-min=21.6km az=62.0

ISCJIB 05 10:47:13.9±3.0, 5°05'S, 102°10'E, 0.2, h47km, 20km,
mb3.7/6, Error ellipse: s-maj=43.7km s-min=13.2km
az=44.2

DJA 05 10:47:14.5, 0°33'S, 101°89'E, h27km, MLV4.1/4
ISC 05 10:47:15.9±2.7, 5°05'S, 102°10'E, 0.2, h43km, 19km, n14,
<0579/13, mb3.7/6, Southern Sumatra

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

IDC 05 10:58:58.9±30.0, 22°48'S, 178°25W, h0km, mb3.8/4,
mb1 4.0/4, mb1mx3.8/17, mbtmp3.8/17, Error ellipse:
s-maj=576.7km s-min=151.6km az=91.0, South of Fiji
Islands











5d 12h

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Table with columns: Station Name, Time, Status, and Value. Includes stations like MBWA Marble Bar, MBWA DAV, KLBRR Kellerberrin, etc.

Table with columns: Station Name, Time, Status, and Value. Includes stations like SNY, SNY, CNY2, etc.

Table with columns: Station Name, Time, Status, and Value. Includes stations like YAK, YAK, ULN, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL Collm, PRA Prague, TREC Trest, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTE Manteigas, CAB San Pablo, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZLN Zelenaya, BZMR Bezymyannaya, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RKT Rikitea, GSPA South Pole Qui, etc.

0.2nm, 0.4s, mb3.7, bazz=188, slow=4.6, SNR=3.8
PDAR Pinedale Array 98.94 11 LR LR 13 58 37.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayush, AML Almayush, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, MK31 Makanchi Array, etc.

ISC 05 13:44:39.19, 2.6, 19S, 154.75E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.8/18, mbtmp3.4/0, Error ellipse: s-maj=151.0km s-min=92.2km az=28.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 05 14:06:34.7, 18.0, 23.17S, 174.52W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/18, mbtmp4.0/4, Error ellipse: s-maj=334.9km s-min=140.0km az=82.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.



5d 15h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JOG2, JOM, MIYJ, JAH, JKH, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YHNB, Yeheng, YACB, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BUSP, Coron, ENPP, etc.









5d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H18A Shoshone NF, PSZ Piszkesteto, TPWA Teton Pass, etc.

2008 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like T11A Corn Creek, S12A Delamar Landin, ZST Bratislava, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GMRC Granite Mount, N18A Larsen Ranch, MSU Marysvale, etc.









Table with columns: QSPA, CFAA, MAW, BDFB, BOS, BOS, SBA, SIV, TSUM, LPAZ, LPZ, LPZ, CASY, DBIC, DBIC, OTAV, ROSC, TOAO, TORD, TORD, SDV, STKA, STKA, FINES, KAF, CM31, CMAR, JOF, ABKAR, KAKAR, KSH, EKSS, LSA, ARCES, ARU, YKA, YKA, YKA, MK31, MKAR, MKAR, KURK, GTA, ZALV, ZALV, ZALV, ZALV, INK, JOW, DAWY, EGAK, MENT, DOT, PAX, PAX, HHC, HHC, HHC, HHC, HHC, SML, ILAR, ILAR, SONM, SONM, SONM, COLA, COLA, SLKM, MCK, MCK, ULAN, ULAN, KDAK, TLY, TLY, BJT, OHAK, TRF, EPAW, COLD, RSO, PPLA, TTTA, KSRS

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Error ellipse: s-maj=13.1km s-min=3.0km az=126.0, ISC 05 17:01:18.0, 0.7, 38.85N, 0.03, 19.87E, 0.04, h14km, 5km, n99, c0777/16, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, MOS 05 17:15:04.6, 1.0, 32.74N, 105.56E, h33km, mb4.7/20, Error ellipse: s-maj=11.5km s-min=6.8km az=105.2, ISC 05 17:15:03.6, 0.7, 32.72N, 102.105, 51E, 0.03, h10km, n97, c1514/17, mb4.4/35, MS3.3/7, SC-1D, Sichuan

CSEM 05 17:01:16.3, 0.2, 38.78N, 19.54E, h20km, ML2.7/2, Error ellipse: s-maj=5.2km s-min=3.6km az=32.0, ISCJB 05 17:01:17.9, 0.6, 38.84N, 0.03, 19.85E, 0.03, h13km, 5km, Error ellipse: s-maj=5.5km s-min=3.9km az=36.5, THE 05 17:01:19.8, 38.86N, 19.98E, h9km, ML2.7/2, Error ellipse: s-maj=3.0km s-min=0.7km az=256.0, ATH 05 17:01:19.0, 38.89N, 19.86E, h23km, 14m, MD3 4/5, ML3.1, NEIC 05 17:01:20.0, 38.87N, 19.86E, h17km, ML2.8(ATH), After ATH, ROM 05 17:01:20.4, 0.8, 38.92N, 19.62E, h10km, Md3.0/7, ML2.7/6,

ISCJB 05 17:15:01.6, 0.2, 32.69N, 105.02, 105.49E, 0.03, h10km, mb4.4/35, MS3.3/7, Error ellipse: s-maj=3.9km s-min=3.1km az=25.9, ISC 05 17:15:01.7, 0.6, 32.75N, 105.56E, h0km, mb4.2/12, mb1.4, 3/15, mb1mx4.2/24, mbtmp3.2/3, Error ellipse: s-maj=14.2km az=62.0, MS1 3.1/6, ms1mx2.9/24, Error ellipse: s-maj=23.3km s-min=14.2km az=62.0, BJJ 05 17:15:02.6, 32.69N, 105.53E, h13km, mb4.5/15, mb4.3/27, ML4.1/15, Ms3.9/22, Ms7.3/6/23, NEIC 05 17:15:02.6, 2.6, 32.75N, 105.54E, h5km, 17km, mb4.3/19, Error ellipse: s-maj=6.6km s-min=4.8km az=68.0

ISCJB 05 17:15:02.6, 32.69N, 105.53E, h13km, mb4.5/15, mb4.3/27, ML4.1/15, Ms3.9/22, Ms7.3/6/23, NEIC 05 17:15:02.6, 2.6, 32.75N, 105.54E, h5km, 17km, mb4.3/19, Error ellipse: s-maj=6.6km s-min=4.8km az=68.0



Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like WMQ, Urumqi, KRSR, etc.

KRSC 05 18:48:39.4z, 2.6, 52.07N, 171.82E, h14km, 15km, ML4.2
IDC 05 18:48:41.1z, 0.7, 52.73N, 172.19E, h0km, mb4.1/25,
mb1.4/2/26, mb1mx4.2/31, mbtmp4.1/26, ML4.1/1, MS3.6/3,
Ms1.3/6.3, ms1mx2.8/31, Error ellipse: s-maj=22.0km
s-min=11.7km az=165.0

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like SMY, Bering, AMKA, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like PETK, Severo-Kuril's, GAMB, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like BJI, Ulanbatar, SONM, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like GTA, Pindole Array, ULM, etc.

Table with columns: ASAR, comp=Z, 1.0nm, 1.0s, pmax, pmax. Includes station names like Kulim, Chiang Mai Arr, and various meteorological data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like APsi, Luwuk, Marisa, and various meteorological data points.

ISC/JB 05 19:03:29.9, 3.6, 49.3N:02:149.6E:0.6, h419km, 34km, mb3.37, Error ellipse: s-maj=64.6km s-min=25.8km

DJA 05 18:55:09.0Sx121.73E, h67km, MLV3.8/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like ASAJ, BVAR, JOF, and various meteorological data points.

BGS 05 19:07:31.2, 1.9, 2.11S: 12.70W, h10km, mb5.2, MS5.4

MOS 05 19:07:36.0, 0.9, 1.13S: 13.88W, h10km, mb5.11/16, MS5.5/65, Error ellipse: s-maj=9.1km s-min=3.0km

IGIL 05 19:07:38.9, 1.15S: 13.88W, h10km, MS5.4

NEIC 05 19:07:38.0, 0.2, 1.17S: 13.96W, h10km, mb5.5/163, MS5.5/175, MW5.8, MW5.7, Error ellipse: s-maj=4.6km s-min=3.1km

DJA 05 19:07:41, 1.01S: 13.92W, h10km, mb5.6/7

ISC/JB 05 19:07:42.4, 0.1, 0.88S: 13.79W, h12km, MW5.8, Moment Tensor Solution

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like LIC, Lamto, and various meteorological data points.

Table with columns: LIC, 894nm, 0.9s, eSN, Sn, 19 12 18.1 -15. Includes station names like TIC, Toumudi, DBIC, Dimbokro, and various meteorological data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like PMAR, MDT, Tsum, and various meteorological data points.

ISC/JB 05 19:03:29.9, 3.6, 49.3N:02:149.6E:0.6, h419km, 34km, mb3.37, Error ellipse: s-maj=64.6km s-min=25.8km

DJA 05 18:55:09.0Sx121.73E, h67km, MLV3.8/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like ASAJ, BVAR, JOF, and various meteorological data points.

BGS 05 19:07:31.2, 1.9, 2.11S: 12.70W, h10km, mb5.2, MS5.4

MOS 05 19:07:36.0, 0.9, 1.13S: 13.88W, h10km, mb5.11/16, MS5.5/65, Error ellipse: s-maj=9.1km s-min=3.0km

IGIL 05 19:07:38.9, 1.15S: 13.88W, h10km, MS5.4

NEIC 05 19:07:38.0, 0.2, 1.17S: 13.96W, h10km, mb5.5/163, MS5.5/175, MW5.8, MW5.7, Error ellipse: s-maj=4.6km s-min=3.1km

DJA 05 19:07:41, 1.01S: 13.92W, h10km, mb5.6/7

ISC/JB 05 19:07:42.4, 0.1, 0.88S: 13.79W, h12km, MW5.8, Moment Tensor Solution

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like LIC, Lamto, and various meteorological data points.

Table with columns: ENJU, comp=Z, 51nm, 0.9s, mb5.2, pmax, pmax. Includes station names like ENJU, ENAN, ELUO, and various meteorological data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like PMRV, MDT, Tsum, and various meteorological data points.

ISC/JB 05 19:03:29.9, 3.6, 49.3N:02:149.6E:0.6, h419km, 34km, mb3.37, Error ellipse: s-maj=64.6km s-min=25.8km

DJA 05 18:55:09.0Sx121.73E, h67km, MLV3.8/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like ASAJ, BVAR, JOF, and various meteorological data points.

BGS 05 19:07:31.2, 1.9, 2.11S: 12.70W, h10km, mb5.2, MS5.4

MOS 05 19:07:36.0, 0.9, 1.13S: 13.88W, h10km, mb5.11/16, MS5.5/65, Error ellipse: s-maj=9.1km s-min=3.0km

IGIL 05 19:07:38.9, 1.15S: 13.88W, h10km, MS5.4

NEIC 05 19:07:38.0, 0.2, 1.17S: 13.96W, h10km, mb5.5/163, MS5.5/175, MW5.8, MW5.7, Error ellipse: s-maj=4.6km s-min=3.1km

DJA 05 19:07:41, 1.01S: 13.92W, h10km, mb5.6/7

ISC/JB 05 19:07:42.4, 0.1, 0.88S: 13.79W, h12km, MW5.8, Moment Tensor Solution

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like LIC, Lamto, and various meteorological data points.

5d 19h

ETOR	comp=Z,23nm,1.2s,mb5.8								
ETOR	Torete	43.20	13	P	P			19 15 39.5	+0.1
CVNA	comp=Z,23nm,1.2s,mb5.8							19 15 44.4	-0.4
CVNA	Calvinia	43.84	137	eP	AMS	P	AMS	19 28 37.4	
ERTA	comp=Z,4jm,20.4s,MSS.3							19 15 46.2	+0.9
ERTA	Horta de San J	43.92	16	P	P			19 15 50.1	+0.8
ESAC	comp=Z,161nm,2.2s,mb5.4							19 15 51.0	+0.8
ESAC	San Caspasio	45.43	14	P	P			19 15 50.9	+1.0
EPOB	comp=Z,197nm,2.3s,mb5.4							19 15 51.0	-0.5
CER	Ceres	44.68	139	eP	AMS	P	AMS	19 30 19.5	
CER									
LBTB	comp=Z,2jm,19.1s							19 15 54.1	+0.5
LBTB	Lobatsse	44.92	125	P	P			19 15 54.1	+0.5
LBTB	comp=Z,30nm,1.0s,mb5.1							19 15 54.1	+0.5
LBTB	Lobatsse	44.92	125	P	LR	P	LR		
PKA	comp=Z,6jm,21.0s,MSS.5							19 15 53.1	-0.6
PKA	Prieska	44.95	133	eP	AMS	P	AMS	19 29 51.8	
EARI	comp=Z,960nm,31.1s,MS4.5							19 15 55.0	+1.2
EARI	Arriondas	44.99	9	P	P			19 15 55.9	+1.0
SUR	comp=Z,2jm,4.8s							19 15 55.9	+1.0
SUR	Sutherland	45.09	137	P	P			19 15 55.9	+1.0
SUR	comp=Z,40nm,0.9s,mb5.2							19 15 55.9	+1.0
SUR	Sutherland	45.09	137	LR	LR				
ELAN	comp=Z,4jm,22.0s,MSS.3							19 15 56.2	+0.6
ELAN	LANestosa	45.23	11	P	P			19 15 56.8	+0.8
CFON	comp=Z,332nm,1.9s,mb5.9							19 15 56.8	+0.8
CFON	Fontmartina	45.27	17	P	P			19 15 58.2	+0.8
WDD	comp=Z,158nm,1.5s,mb5.6							19 15 58.2	+0.8
WDD	Wield Dalan	45.34	33	eP	P				
WDD	comp=Z,87nm,0.8s,mb5.6								
CSOR	comp=Z,4jm,20.0s,MSS.4							19 15 57.9	+0.3
CSOR	Sort	45.46	16	P	P			19 15 58.9	+1.1
EBIE	comp=Z,433nm,2.6s,mb5.8							19 15 58.1	+1.1
EBIE	Bielsa	45.49	15	P	P			19 15 58.1	+1.1
ETSF	comp=Z,164nm,2.2s,mb5.5							19 15 58.1	+1.1
ETSF	Etsaut	45.52	14	eP	P			19 15 58.1	+0.1
ETSF	comp=Z,67nm,0.9s,mb5.3							19 15 58.1	+0.1
ETSF	Etsaut	45.52	14	eP	max	max			
ETSF	comp=Z,34nm,0.9s,mb5.3							19 15 58.1	+0.1
ETSF	Etsaut	45.52	14	eP	P			19 15 57.3	-1.0
ELIZ	comp=Z,34nm,0.9s,mb5.3							19 15 57.3	-1.0
ELIZ	Elizondo	45.55	13	P	P			19 15 57.3	-1.0
ELIZ	comp=Z,28nm,0.8s,mb5.2							19 15 57.6	-0.8
ELIZ	Elizondo	45.55	13	P	P			19 15 57.6	-0.8
SJPF	comp=Z,28nm,0.8s,mb5.5							19 15 57.6	-0.8
SJPF	Ste Jean	45.57	13	eP	P			19 15 57.6	-0.8
SJPF	comp=Z,78nm,0.8s,mb5.4							19 15 57.6	-0.8
SJPF	Ste Jean	45.57	13	eP	P			19 15 57.6	-0.8
SJPF	comp=Z,39nm,0.8s,mb5.4							19 15 57.6	-0.8
SJPF	Ste Jean	45.57	13	eP	max	max			
SJPF	comp=Z,39nm,0.8s,mb5.4							19 15 57.6	-0.8
SJPF	Ste Jean	45.57	13	eP	P			19 15 58.9	-0.1
VIEF	Viey	45.65	14	eP	P			19 15 59.4	+0.3
RESF	Ens	45.66	15	eP	P			19 15 60.0	+0.4
RESF	Schweizer	45.68	128	eP	AMS	AMS		19 32 44.1	
SWZ									
SWZ									
VALF	comp=Z,5jm,17.1s,MSS.5							19 16 00.2	+0.5
VALF	Valcabellere	45.73	17	eP	P			19 15 58.1	-1.8
ELIM	Elim	45.74	140	eP	P			19 16 00.5	+0.3
CLLI	Lilvia	45.75	16	eP	P			19 16 00.5	+0.3
VLSI	comp=Z,129nm,1.1s,mb5.8							19 16 00.5	+0.3
VLSI	Villasalto	45.80	25	eP	P			19 17 41.6	-6.1
VSL									
VSL									
LABF	comp=Z,15jm,19.0s,MS6.0							19 15 59.6	-0.8
LABF	Labassere	45.82	14	eP	P			19 16 00.8	0.0
EPF	comp=Z,82nm,1.1s,mb5.3							19 16 00.8	0.0
EPF	Esparras	45.87	15	eP	max	max			
EPF	comp=Z,41nm,1.1s,mb5.3							19 16 00.8	0.0
EPF	Esparras	45.87	15	eP	P			19 16 01.9	+0.1
EPF	comp=Z,41nm,1.1s,mb5.3							19 16 02.5	+0.5
EPF	La Jonquera	45.99	17	P	P			19 16 04.8	+0.3
EPF	Moullis	45.99	15	eP	P			19 33 05.6	
EPF	La Jonquera	46.00	17	P	P			19 16 04.8	+0.4
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 07.6	+1.1
BOSA	Boshof	46.30	130	P	max	max		19 16 06.3	-0.7
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 08.4	-2.6
BOSA	Boshof	46.30	130	P	max	max		19 16 11.6	+0.3
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 11.6	+0.3
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 06.3	-0.7
BOSA	Boshof	46.30	130	P	max	max		19 16 11.6	+0.3
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 11.6	+0.3
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,26nm,1.0s,mb5.1							19 16 15.4	-0.1
BOSA	Boshof	46.30	130	P	max	max		19 16 15.4	-0.1
BOSA	comp=Z,3jm,18.5s,MSS.5								





5d 19h

2008 SEP

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like EBL Broad Law, ERMK Ermenek, DPC Dobruska-Polom, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like AVNT Avonos, GRTK Grand Turk, GKP Gorka Klasztor, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like BHD Baghdad, NAO01 NORSAR Array S, ERZM Erzurum, etc.



5d 19h

Table with columns: Station Name, Frequency, Power, Mode, Direction, Time, and other parameters. Includes stations like AGRA, DDI, ANMO, etc.

2008 SEP

Table with columns: Station Name, Frequency, Power, Mode, Direction, Time, and other parameters. Includes stations like HUMO, YBH, WDC, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Direction, Time, and other parameters. Includes stations like NJ2, MDJ, WDC, etc.

ISCJB 05 19:13:59.71.0, 17:17N, 101:45E, 2.0h10km, mb3.6/9, Error ellipse: s-maj=28.2km s-min=13.9km az=3.2
IDC 05 19:14:00.61.1, 17:68N, 145:29E, h10km, mb3.6/7, m1 3.9/7, mb1mx3.7/19, mbtmp3.6/7, MS2.9/1, Ms1 2.9/1, ms1mx2.6/26, Error ellipse: s-maj=33.7km s-min=22.9km az=98.0
NEIC 05 19:14:02.1±0.8, 17:68N, 145:26E, h10km, mb3.9/2, Error ellipse: s-maj=24.0km s-min=15.5km az=98.0
ISC 05 19:14:02.1±0.9, 17:73N, 101:09E, 145:3E, 0.2, h10km, n14, c1815/13, mb3.6/9, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songo Array, CHTO Chiang Mai, CMAR Chiang Mai Arr, COCO West Island, ZALV Zalesovo Beam, ILAR Eielson Array, NVAR Mima Array.

IDC 05 19:39:08.8.2.2, 10.17N.93.62E, h0km, mb3.5/5, mb1 3.5/6, mb1mx3.4/23, mbtimp3.4/6, ML2.9/1, Error ellipse: s-maj=74.9km s-min=22.4km az=67.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONM Songo Array, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs.

ISCJB 05 19:55:29.6.0.7, 38.69N.0.03:39.24E.0.06, h10km, Error ellipse: s-maj=7.4km s-min=4.7km az=12.7, ISK 05 19:55:29.0, 38.69N.39.22E, h6km, MD2.2, DDA 05 19:55:29.6, 38.71N.39.22E, h6km, MD2.6, CSEM 05 19:55:29.0.1, 38.69N.39.24E, h15km, MD2.2, Error ellipse: s-maj=3.4km s-min=2.4km az=95.0, ISC 05 19:55:29.9.0.7, 38.70N.0.03:39.24E.0.06, h10km, n10, c#5318, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PTK Pertek, ELZG Elazig, SVRC Sivrice-ELAZID, MALT Malatya, KEMA Kemaliye.

IDC 05 19:58:35.8.2.6, 35.36N.21.60E, h0km, mb3.9/8, mb1 3.9/13, mb1mx3.8/31, mbtimp3.9/13, ML3.6/4, Error ellipse: s-maj=54.5km s-min=20.6km az=24.0, ATH 05 19:58:35.2, 35.22N.21.34E, h17km, mb3.4, NEIC 05 19:58:38.7, 35.24N.21.37E, h22km, mb4.0/7, ML3.9/4(ATH), Africa

CSEM 05 19:58:38.3.0.2, 35.20N.21.33E, h40km, mb3.9/6, Error ellipse: s-maj=6.0km s-min=3.4km az=47.0, THE 05 19:58:40.4, 35.30N.21.44E, h68km, 18km, ML3.4/3, Error ellipse: s-maj=18.3km s-min=1.7km az=46.0, HLW 05 19:58:41.1, 35.41N.22.44E, h13km, 2.0km, MD3.8, MD3.3, ISC 05 19:58:37.9.1.0, 35.18N.0.03:21.30E.0.04, h26km, 8km, n253, c#1901/289, mb4.1/18, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PYL PYLOS, KYTH Kithira, VLI Veliai, ITM Ithomi, KARN Karanos, VAM Vamos, DID Didima, GUR Goura, RLS Riolos of Patr, SIVA Sivas, KFL Anninata, VLS Valsamata, NAIG Nisos Aigina, LTK Loutraki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TRIZ Trizonia, KALE Kalithea, KALE Kalithea, EFP Epialto, VLY Voula, ATH Athens, THRS Thira Island, PTL Penteli, NPS Neapolis, NPS Neapolis, THRS Thira Island, LKR Lokris, LKR Lokris, LKR Lokris, APE Apeiranthos, APE Apeiranthos, NEO Neokhori, NEO Neokhori, IGT Igoumenitsa, IGT Igoumenitsa, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, AOS Alonissos, AOS Alonissos, JAN Janina, JAN Janina, KEK Kerkira, KEK Kerkira, KEK Kerkira, KARP Karpathos, KARP Karpathos, SLUM SLUM, SLUM SLUM, SLUM SLUM, LIT Litokhoron, LIT Litokhoron, LIT Litokhoron, PAIG Paliouri, PAIG Paliouri, PAIG Paliouri, SMG Samos, SMG Samos, KZN Kozani, KZN Kozani, KZN Kozani, NEST Nestorio, NEST Nestorio, CEI Celeste, CEI Celeste, CEL Celeste, PLG Polygyros, PLG Polygyros, PLG Polygyros, PLG Polygyros, OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, FNA Florina, FNA Florina, LIA Limnos Island, LIA Limnos Island, LIA Limnos Island, ARG Arhangelos, ARG Arhangelos, GRG Griva, GRG Griva, SOH Sokhos, SOH Sokhos, SOH Sokhos, VAE Valguarnera, VAE Valguarnera, KNT Kendrickon, KNT Kendrickon, SRS Serrai, SRS Serrai, PEZ Pezze di Greco, PEZ Pezze di Greco, NVR Nevrokopi, NVR Nevrokopi, CUC Castrocuoco, CUC Castrocuoco, SGT Sgouti (BA), SGT Sgouti (BA), ALN Alexandroupoli, ALN Alexandroupoli, SWA2 Swatara, SWA2 Swatara, BARS Bars, BARS Bars, STON Ston, STON Ston, BBL5 Lazzi#263;i, BBL5 Lazzi#263;i, AWB1 Awbani, AWB1 Awbani, CSS Prodromos, CSS Prodromos, HFRF Wahat Farafira, HFRF Wahat Farafira, HFRF Wahat Farafira, HFRF Wahat Farafira.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLL Jalalah, TIRR Targuor, TIRR Targuor, BRTR Keskin Array B, BRTR Keskin Array B, AMAG Maghara, MMAI Mount Meron Ar, MMAI Mount Meron Ar, HNKL Nakhli, EIL Elat, EIL Elat, EIL Elat, AKASG Malin Array Be, AKASG Malin Array Be, KIV Kislovodsk, KIV Kislovodsk, SUW Suwaki, GNI Gani, GNI Gani, HFS Hagfors, HFS Hagfors, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, NOA NORRAR Array B, NOA NORRAR Array B, ABKAR Akbulak array, ABKAR Akbulak array, ARU Arti, ARU Arti, ARCES ARCESS Array B, ARCES ARCESS Array B, KKAR Karatay Array, KKAR Karatay Array, KBL Kabul, KBL Kabul, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KOLN Koldanda, KOLN Koldanda, GKN Gorkha, GKN Gorkha, DMN Daman, DMN Daman, KKN Kakani, KKN Kakani, PKI Pulchoki, PKI Pulchoki, GUN Gumba, GUN Gumba, TAPN Tapejlung, TAPN Tapejlung, LSA Lhasa, LSA Lhasa, LSA Lhasa, SONM Songo Array, SONM Songo Array, SONM Songo Array, ULN Ulanbaatar, ULN Ulanbaatar, CHTO Chiang Mai, CHTO Chiang Mai, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, MAN 05 20:01:47, 16.33N.120.09E, h31km, mb3.9, ML2.7, MS2.3, 1D, Luzon, BOLD Bolinao, BOLD Bolinao, BCPH Baguio City Da, BCPH Baguio City Da, SCZP Santa Cruz, SCZP Santa Cruz, APYP Conner, APYP Conner, ISCJB 05 20:05:08.4.0.6, 19.01N.0.05:108.94W.0.03, h10km, mb4 4/43, MS3.9/6, Error ellipse: s-maj=7.4km s-min=4.2km az=11.4, IDC 05 20:05:11.5.1.5, 19.43N.108.63W, h0km, mb4.2/7, mb1 4.5/8, mb1mx4.2/21, mbtimp4.2/8, ML3.9/1, MS3.7/4, Ms1 3.6/4, ms1mx3.4/28, Error ellipse: s-maj=53.8km s-min=28.7km az=93.0, NEIC 05 20:05:13.0.0.5, 19.33N.109.02W, h10km, mb4.4/53, Error ellipse: s-maj=8.4km s-min=6.7km az=53.0, MEX 05 20:05:09.0.0.5, 19.36N.105.108.97W, h10km, MD3.4, ISC 05 20:05:09.0.0.5, 19.36N.105.108.97W, h10km, h0km, 1369, c#75/362, mb4.4/44, MS3.9/6, 100C-108, Revilla Giedgo Islands region, ANIG Ahuacatlan, ANIG Ahuacatlan, ANIG Ahuacatlan, ANIG Ahuacatlan, R15V Rivas, R15V Rivas, EZSV Ezev, EZSV Ezev, TXAR Lajitas Array, TXAR Lajitas Array, 626A Big Bend Ranch, 626A Big Bend Ranch, 627A Terlingua Ranc, 627A Terlingua Ranc, 628A Big Gap Mar, 628A Big Gap Mar, 526A Mary Lane Ranch, 526A Mary Lane Ranch, 527A Woodard Ranch, 527A Woodard Ranch, 425A Indio Mountain, 425A Indio Mountain, 319A Douglas, 319A Douglas, 318A Bisbee, 318A Bisbee, 426A McDonald Obser, 426A McDonald Obser, 324A Moseley Ranch, 324A Moseley Ranch, 217A Green Valley, 217A Green Valley.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLL Jalalah, TIRR Targuor, BRTR Keskin Array B, AMAG Maghara, MMAI Mount Meron Ar, HNKL Nakhli, EIL Elat, AKASG Malin Array Be, KIV Kislovodsk, SUW Suwaki, GNI Gani, HFS Hagfors, FINES FINESS Array B, NOA NORRAR Array B, ABKAR Akbulak array, ARU Arti, ARCES ARCESS Array B, KKAR Karatay Array, KBL Kabul, MK31 Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KOLN Koldanda, GKN Gorkha, DMN Daman, KKN Kakani, PKI Pulchoki, GUN Gumba, TAPN Tapejlung, LSA Lhasa, LSA Lhasa, SONM Songo Array, ULN Ulanbaatar, CHTO Chiang Mai, ILAR Eielson Array, ILAR Eielson Array, MAN 05 20:01:47, 16.33N.120.09E, h31km, mb3.9, ML2.7, MS2.3, 1D, Luzon, BOLD Bolinao, BCPH Baguio City Da, SCZP Santa Cruz, APYP Conner, ANIG Ahuacatlan, ANIG Ahuacatlan, R15V Rivas, EZSV Ezev, TXAR Lajitas Array, 626A Big Bend Ranch, 627A Terlingua Ranc, 628A Big Gap Mar, 526A Mary Lane Ranch, 527A Woodard Ranch, 425A Indio Mountain, 319A Douglas, 318A Bisbee, 426A McDonald Obser, 324A Moseley Ranch, 217A Green Valley.

5d 20h

427A	Hayter Ranch, baz=13	12.87	22	↑P	Pn	20 28 12.2	-0.6
220A	Plays Peak, P baz=13,SNR=15	12.89	2	P	Pn	20 28 13.5	+0.4
219A	White Tail Can	12.98	359	P	Pn	20 28 14.8	+0.4
218A	Dragon baz=13,SNR=8.9	12.99	356	P	Pn	20 28 14.2	-0.3
428A	Kincaid Ranch, baz=13	13.03	25	↑P	Pn	20 28 15.5	+0.6
221A	Mesquite Ranch baz=13,SNR=7.3	13.04	5	P	Pn	20 28 15.8	+0.7
MNTX	Cornudas Mount 5.0nm,1.1s	13.09	14	ePn	Pn	20 28 16.0	+0.2
326A	Caldwell Ranch baz=13,SNR=6.0	13.10	19	P	Sn	20 30 26.2	-1.5
216A	Three Points, baz=13,SNR=9.9	13.18	351	↑P	Pn	20 28 15.8	-0.2
TUC	Tucson 23nm,1.4s	13.39	353	ePn	Pn	20 28 19.0	-0.9
214A	Organ Pipe Nat baz=13,SNR=6.8	13.39	346	↑P	Pn	20 28 19.3	-0.6
224A	Cornudas Mount baz=13,SNR=7.4	13.42	13	↑P	Pn	20 28 21.6	+1.2
120A	U Bar Ranch, L baz=13,SNR=13	13.53	1	P	Pn	20 28 22.0	+0.2
121A	Cookes Peak, D baz=13,SNR=6.0	13.56	4	↑P	Pn	20 28 23.4	+1.2
328A	Wristen Ranch, baz=13,SNR=5.3	13.56	23	↑P	Pn	20 28 22.9	+0.7
225A	Deer Hill, Car baz=13	13.62	15	↑P	Pn	20 28 24.8	+1.8
117A	Oracle baz=13,SNR=9.7	13.65	354	↑P	Pn	20 28 23.5	+0.1
118A	Homack Ranch, baz=13	13.65	356	↑P	Pn	20 28 24.4	+0.9
119A	Ashpeak Ranch, baz=14	13.75	359	↑P	Pn	20 28 25.1	+0.3
226A	Malaga, Loving baz=14	13.76	18	↑P	Pn	20 28 26.0	+1.0
116A	Eloy baz=14,SNR=6.4	13.77	350	↑P	Pn	20 28 25.0	0.0
GD2L	Guadalupe Moun 6.2nm,1.1s	13.82	17	ePn	Pn	20 28 25.7	-0.1
115A	Sonoran Desert baz=14,SNR=6.0	13.89	349	↑P	Pn	20 28 27.7	-0.4
CLNB	Carlsbad 14.02 18 ePn	14.02	18	ePn	Pn	20 28 28.0	-0.4
124A	Stringfield Ra baz=14	14.04	12	↑P	Pn	20 28 30.0	+1.2
220A	Nine Sixteen R baz=14,SNR=11	14.10	1	P	Pn	20 28 29.8	+0.2
JCT	Junction City 9.9nm,0.7s	14.17	34	ePn	Pn	20 28 30.4	-0.2
114A	Black Gap (USA baz=14,SNR=14	14.17	346	P	Pn	20 28 30.8	+0.1
125A	Gardner Draw, baz=14,SNR=6.6	14.18	15	↑P	Pn	20 28 32.2	+1.5
221A	St. Cloud Mine baz=14	14.34	4	↑P	Pn	20 28 33.6	+0.8
Z17A	San Carlos Hig baz=14	14.34	355	↑P	Pn	20 28 33.3	+0.4
222A	Elephant Butte baz=14,SNR=9.0	14.35	7	↑P	Pn	20 28 33.4	+0.4
113A	Mohawk Valley, baz=14	14.41	344	↑P	Pn	20 28 33.8	0.0
CPRX	Cap Rock 14.74 17 ePn	14.74	17	ePn	Pn	20 28 38.7	+0.4
Z25A	Roswell baz=14	14.76	14	↑P	Pn	20 28 38.9	+0.3
Y17A	Roosevelt baz=14,SNR=12	14.77	354	P	Pn	20 28 38.3	-0.4
Z14A	Wintersburg baz=14	14.78	347	↑P	Pn	20 28 38.5	-0.3
Y18A	Canyon Day Jun baz=14	14.79	357	↑P	Pn	20 28 40.1	+1.1
Z13A	Yuma Proving G baz=14,SNR=9.1	14.79	344	P	Pn	20 28 39.0	0.0
Y20A	Horse Springs, baz=15	14.90	2	↑P	Pn	20 28 40.0	-0.5
Z26A	Caprock baz=15,SNR=14	14.94	16	↑P	Pn	20 28 40.8	-0.2
Y19A	Nutrosio baz=15,SNR=13	14.94	359	P	Pn	20 28 40.6	-0.4
GLA	Glamis baz=15,SNR=13	14.98	341	↑P	Pn	20 28 41.2	-0.4
GLA	Glamis 38nm,1.1s	14.98	341	ePn	Pn	20 28 40.4	-1.2
Y22A	Socorro baz=15	15.02	6	↑P	Pn	20 28 42.5	+0.4
Y16A	Circle Bar Ran baz=15,SNR=12	15.03	4	↑P	Pn	20 28 42.2	-0.1
Y21A	Point of Rocks baz=15	15.03	4	↑P	Pn	20 28 43.1	+0.8
Y23A	Lovelace Mesa, baz=15	15.14	9	↑P	Pn	20 28 44.5	+0.8
Z27A	Tatum baz=15,SNR=7.3	15.20	19	↑P	Pn	20 28 44.5	0.0
SWSC	Sam W. Stewart baz=15,SNR=8.0	15.21	338	↑P	Pn	20 28 43.7	-0.9
Y15A	Casa Rosa Ranc baz=15,SNR=6.9	15.23	349	↑P	Pn	20 28 44.0	-0.9
LENM	Lemitar baz=15,SNR=15	15.25	6	ePn	Pn	20 28 44.5	-0.6
BNM	Barren Site 5.0nm,1.1s	15.27	7	ePn	Pn	20 28 45.0	-0.5
BAR	Barrett 12nm,1.0s	15.31	335	ePn	Pn	20 28 43.8	-2.2
Y14A	Wickenburg baz=15,SNR=12	15.34	347	↑P	Pn	20 28 45.7	-0.7
MONP	Monument Peak baz=15,SNR=8.0	15.39	336	P	Pn	20 28 46.8	-0.3
X17A	Forest Lakes baz=15,SNR=9.1	15.40	354	↑P	Pn	20 28 47.2	+0.1
X19A	St. Johns baz=15	15.41	359	↑P	Pn	20 28 47.9	+0.7
Y13A	Salome baz=15,SNR=11	15.41	345	↑P	Pn	20 28 46.5	-0.8
LPM	Los Pinos Moun baz=15,SNR=15	15.43	7	ePn	Pn	20 28 46.2	-1.4
X21A	Alamocita Cree baz=15,SNR=15	15.46	4	P	Pn	20 28 48.0	+0.1
LAZ	Ladron 5.1nm,1.2s	15.47	6	ePn	Pn	20 28 47.7	-0.3
X20A	Quemado baz=15,SNR=16	15.53	1	P	Pn	20 28 49.1	+0.3
X18A	Snowflake baz=15,SNR=11	15.53	357	↑P	Pn	20 28 48.8	-0.1
Y12C	Blythe baz=15	15.54	342	↑P	Pn	20 28 48.4	-0.6
X16A	Lo Mia Camp, P baz=15,SNR=6.7	15.55	352	↑P	Pn	20 28 49.0	-0.1
X15A	Humboldt baz=15	15.73	350	↑P	Pn	20 28 51.5	0.0
BC3	Big Chuckawall baz=15,SNR=42	15.74	340	↑P	Pn	20 28 50.8	-0.7
Y24A	Causey baz=15	15.74	18	↑P	Pn	20 28 52.4	+0.8
X17A	Yava baz=16	15.84	348	↑P	Pn	20 28 52.6	-0.3
MSTX	Muleshoe baz=16	15.94	19	↑P	Pn	20 28 55.3	+1.1
PDMCI	Parker Dam,Lak baz=16,SNR=5.3	15.96	344	↑P	Pn	20 28 54.2	-0.2
PFO	Pinyon Flat Ob baz=16	16.05	337	↑P	Pn	20 28 55.1	-0.5
PFO	Pinyon Flat Ob 7.5nm,1.3s	16.05	337	ePn	Pn	20 28 53.0	-2.5
ANMO	Albuquerque 9.4nm,1.2s	16.08	7	ePn	Pn	20 28 55.1	-0.9
W19A	Sanders baz=16,SNR=11	16.09	359	P	Pn	20 28 56.1	0.0
W20A	Ramah baz=16,SNR=12	16.11	1	↑P	Pn	20 28 56.4	0.0
IRM	Iron Mountain baz=16,SNR=21	16.11	341	P	Pn	20 28 55.6	-0.8
W18A	Petrified Fore baz=16,SNR=19	16.11	358	↑P	Pn	20 28 55.9	-0.4
W21A	San Fidel baz=16	16.14	4	↑P	Pn	20 28 56.6	-0.1
X13A	Fuoco Moun baz=16,SNR=13	16.16	345	P	Pn	20 28 56.7	-0.3
HKT	Hockley 30nm,1.5s	16.19	45	ePn	Pn	20 28 58.8	+1.3
BELC	Belle Mtn. Jos baz=16,SNR=45	16.24	339	P	Pn	20 28 58.2	+0.2
MURC	Murrieta baz=16,SNR=8.1	16.33	335	↑P	Pn	20 29 00.2	+1.0
W23A	Werner Place, baz=16,SNR=5.6	16.33	8	↑P	Pn	20 28 58.9	-0.2

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W15A	Williams 16.42 350 ↑P	Pn	20 29 00.8	+0.5			
W24A	Lazy 6 Ranch, baz=16,SNR=15	16.49	10	↑P	Pn	20 29 02.5	+1.2
W14A	Gelinas baz=16,SNR=14	16.59	348	P	Pn	20 29 02.5	0.0
WUAZ	Wupatki baz=16,SNR=5.4	16.63	353	↑P	Pn	20 29 03.8	+0.9
WUAZ	Wupatki 6.5s	16.63	353	ePn	Pn	20 29 02.3	-0.7
W25A	X Bar L Ranch, baz=16	16.68	13	↑P	Pn	20 29 05.4	+1.8
V18A	Ganado baz=16	16.71	357	↑P	Pn	20 29 03.6	-0.4
V20A	Brimhall baz=16,SNR=11	16.78	1	P	Pn	20 29 05.1	+0.2
V21A	Milan baz=16	16.82	4	↑P	Pn	20 29 06.2	+0.8
GMRC	Granite Mounta baz=16,SNR=23	16.84	341	P	Pn	20 29 05.0	-0.9
W27A	Bowe Ranch, En baz=17	16.87	17	↑P	Pn	20 29 07.0	+0.9
LDFC	Lanfair 16.95 342 ePn	16.95	342	ePn	Pn	20 29 07.6	+0.6
V22A	San Miguel Ran baz=17	16.99	6	↑P	Pn	20 29 09.0	+1.5
V14A	Boquillas Ranc baz=17,SNR=5.5	17.01	348	↑P	Pn	20 29 08.2	+0.5
V15A	Katibab Nationa baz=17,SNR=5.2	17.03	351	↑P	Pn	20 29 08.7	+0.7
BFSC	Mound Baldy, R baz=17	17.07	335	↑P	Pn	20 29 10.5	+1.9
HEC	Hector Ludlow baz=17,SNR=14	17.10	339	↑P	Pn	20 29 08.7	-0.2
V25A	Rancho No Teng baz=17	17.25	12	↑P	Pn	20 29 10.7	-0.1
U19A	Dine' College, baz=17,SNR=6.7	17.27	359	↑P	Pn	20 29 13.3	+2.3
V13A	Grand Canyon W baz=17,SNR=10	17.40	346	P	Pn	20 29 13.3	+0.6
U18A	Rough Rock, Ch baz=17,SNR=5.4	17.41	358	↑P	Pn	20 29 12.3	-0.5
U21A	Nageezi baz=17,SNR=7.0	17.44	4	P	Pn	20 29 13.8	+0.6
U22A	Llaves baz=17,SNR=5.1	17.45	6	↑P	Pn	20 29 13.8	+0.5
U23A	El Rito baz=17	17.48	7	↑P	Pn	20 29 14.0	+0.4
V12A	Nelson baz=17,SNR=11	17.49	344	↑P	Pn	20 29 14.1	+0.3
TUQ	Turquoise Moun baz=17,SNR=11	17.53	341	↑P	Pn	20 29 14.8	+0.5
U15A	North Rim baz=17	17.64	341	↑P	Pn	20 29 16.3	+0.6
GSC	Goldstone baz=18,SNR=11	17.69	338	↑P	Pn	20 29 16.4	+0.1
GSC	Goldstone 26nm,1.2s	17.69	338	ePn	Pn	20 29 16.5	+0.1
V11A	Goodsprings baz=18,SNR=11	17.75	343	↑P	Pn	20 29 17.7	+0.6
EDW2	Edwards Air Fo baz=18	17.76	345	↑P	Pn	20 29 16.9	-0.2
U14A	Mt Trumbull baz=18,SNR=10	17.78	349	P	Pn	20 29 17.9	+0.4
T19A	San Rafael baz=18,SNR=12	17.80	360	↑P	Pn	20 29 17.1	-0.5
U25A	Circle Dot Ran baz=18	17.83	12	↑P	Pn	20 29 17.1	-0.9
U13A	Pakow Wash baz=18,SNR=20	17.93	347	P	Pn	20 29 20.4	+1.1
T22A	Edith baz=18,SNR=5.6	18.08	5	↑P	Pn	20 29 21.3	+0.3
U12A	Valley of Fire baz=18,SNR=5.2	18.08	345	↑P	Pn	20 29 21.3	+0.2
NATX	Nacogdoches 24nm,1.5s	18.13	43	ePn	Pn	20 29 21.7	-0.1
WMOK	Wichita Mounta baz=18,SNR=10	18.14	28	ePn	Pn	20 29 18.7	-3.0
LRMC	Laurel Mountai baz=18,SNR=10	18.17	337	P	Pn	20 29 22.8	+0.6
MVCO	Mesa Verde baz=18,SNR=9.9	18.19	1	↑P	Pn	20 29 22.3	-0.1
MVCO	Mesa Verde 6.2nm,1.3s	18.19	1	ePn	Pn	20 29 21.5	-0.9
U11A	Corn Creek baz=18	18.29	343	↑P	Pn	20 29 23.4	-0.2
SHPR	Sheep Range baz=18,SNR=10	18.31	344	ePn	Pn	20 29 23.6	-0.3
T14A	Hurricane baz=18,SNR=6.9	18.39	350	P	Pn	20 29 25.9	+1.1
T13A	Saint George baz=18	18.50	347	↑P	Pn	20 29 26.9	+0.6
T25A	Trinidad baz=18	18.55	12	↑P	Pn	20 29 26.2	-0.6
U10A	Ash Meadows, A baz=18,SNR=6.2	18.56	341	↑P	Pn	20 29 27.1	+0.2
PKM	Peak Mountain baz=18,SNR=9.9	18.56	331	↑P	Pn	20 29 27.7	+0.6
MPMC	Manual Propsec baz=18,SNR=19	18.62	338	P	Pn	20 29 28.3	+0.6
ISA	Isabella baz=18,SNR=14	18.64	335	P	Pn	20 29 28.2	+0.3
ISA	Isabella 16nm,1.0s	18.64	335	ePn	Pn	20 29 28.0	+0.1
S21A	Coal Bank Pass baz=18,SNR=21	18.66	3	P	Pn	20 29 27.9	-0.3
S17A	Black Ridge (B baz=18,SNR=6.7	18.68	355	P	Pn	20 29 28.2	-0.2
S18A	Hurst Farm, Bl baz=18	18.68	357	↑P	Pn	20 29 28.3	-0.1
S19A	Harvey Farm, M baz=18,SNR=13	18.72	360	P	Pn	20 29 28.5	-0.3
FURC	Furnace Creek, baz=18	18.77	340	↑P	Pn	20 29 29.4	-0.1
S20A	Disappointment baz=18	18.81	2	↑P	Pn	20 29 29.5	-0.4
S22A	4UR Ranch, Cre baz=18	18.81	5	↑P	Pn	20 29 29.8	-0.2
CCUT	Cedar City baz=18,SNR=12	18.91	8	↑P	Pn	20 29 32.3	+1.0
SDCO	Great Sand Dun baz=19,SNR=6.5	18.96	8	ePn	Pn	20 29 31.2	-0.6
SMMC	Simmer 20nm,1.6s	18.99	331	↑P	Pn	20 29 32.5	+0.4
T11A	Corn Creek, A baz=19	19.02	345	↑P	Pn	20 29 32.5	0.0
S13A	Holt Ranch, En baz=19	19.04	348	↑P	Pn	20 2	







Table with columns: PERS, Pernice, 8.31 319, i Pn, Pn, 21 34 14.2 +0.7, etc. Includes rows for KOLS, Kolonicke sedl, etc.

Table with columns: Y14A, Wickenburg, 2.45 50, U Pn, Pn, 21 55 12.8 -0.1, etc. Includes rows for NEED2, Needles Airpor, etc.

Table with columns: MOD Modoc, 10.34 339, e Pn, Pn, 21 56 59.8 -1.4, etc. Includes rows for TXAR, Lajitas Array, etc.

BUI 05 21:54:31.4, 32:40N:115:30W, h6km, mB5.0/m, mb4.9/11, Ms4.8/B, Ms7.4/6.8

ECX 05 21:54:32.4, 0.2, 32:36N:115:26W, h6km, MD4.8, ML4.9, MW4.7

IDC 05 21:54:35.0, 1.0, 32:38N:115:09W, h0km, mb4.1/11, mb1.4, 3/14, ms1.6mx1.2/2.6, mbtmP4.1/14, ML4.4/2, MS3.8/15, Ms1.3/B/15, ms1.6mx3.6/3.2, Error ellipse: s-maj=21.6km s-min=13.3km az=39.0

NEIC 05 21:54:32.4, 32:37N:115:25W, h6km, mb4.4/31, ML4.8(EX), ML4.6(PAS), 36C-40D, After ECX...

California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes rows for Cerro Prieto, Mount Signal, etc.

Table with columns: Y15A, Casa Rosa, 2.92 56, U Pn, Pn, 21 55 18.6 -0.7, etc. Includes rows for MWC, Mount Wilson, etc.

Table with columns: RR12, Red Ridge, 11.39 15, e Pn, Pn, 21 57 21.4 +5.7, etc. Includes rows for REDW, Red Top Meadow, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, COEN Coen, AFI Afiamatu, etc.

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

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

GUC 05 23:31.39.0.0, 2.268S, 69.24W, h90km, 8km, ML3.5, 2C-20, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MACH Maria Elena, MACH MACH, SPCH San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

IDC 05 23:32:46.3.0.9, 0.42S, 122.15E, h0km, mb3.9/6, mb1.4/0.7, mb1mx3.8/19, mbtmp3.9/7, ML3.4/1, Error ellipse: s-maj=46.9km s-min=16.8km az=66.0

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATHU Athens Unvers, ATHU Athens Unvers, LAST Lasithi, etc.

IDC 05 23:32:52.8.0.4, 0.63S, 101.121E, h0.04, h52km, 5km, mb4.2/18, Error ellipse: s-maj=6.6km s-min=5.7km az=34.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMPSA Ampana, LUWI Luwuk, MRSI Marisa, etc.

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

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

IDC 05 23:37:27.2.0.0, 6.93S, 150.38E, h0km, mb3.6/5, mb1.3/9.5, mb1mx3.7/16, mbtmp3.7/5, MS3.3/1, Ms1 3.3/1, ms1mx2.6/2.2, Error ellipse: s-maj=54.5km s-min=24.9km az=127.0, New Britain region

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

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

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

IDC 05 23:42:53.4.2.0, 6.99S, 150.53E, h0km, mb3.8/7, mb1.4/0.7, mb1mx3.8/16, mbtmp3.8/7, Error ellipse: s-maj=70.7km s-min=26.6km az=121.0

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

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

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

TEH 06 00:00:14.1, 25.97N, 53.59E, h12km, ISCJB 06 00:00:19.0, 0.6, 26.55N, 0.05, 53.74E, h10km, Error ellipse: s-maj=7.1km s-min=6.5km az=173.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

IDC 06 00:14:30.7.4, 7.66S, 128.91E, h249km, 48km, mb3.1/1, mb1 3.5/4, mb1mx3.1/17, mbtmp3.3/4, Error ellipse: s-maj=66.2km s-min=19.9km az=67.0, Banda Sea

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

IDC 06 00:26:28.0.5, 39.04N, 110.67E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.2/24, mbtmp3.5/3, ML2.9/1, MS2.4/1, Ms1 2.4/1, ms1mx2.2/8, Error ellipse: s-maj=115.1km s-min=25.1km az=85.0, Western Nei Mongol

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

ATH 06 00:47:57.9, 35.24N, 21.42E, h17km, 8km, MD3, 7/8, NEIC 06 00:47:57.9, 35.24N, 21.42E, h17km, MD3, 7(ATH), After ATH

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

ISCJB 06 00:00:14.1, 25.97N, 53.59E, h12km, Error ellipse: s-maj=7.1km s-min=6.5km az=173.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

ISCJB 06 00:00:19.0, 0.6, 26.55N, 0.05, 53.74E, h10km, Error ellipse: s-maj=7.1km s-min=6.5km az=173.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

ISCJB 06 00:00:14.1, 25.97N, 53.59E, h12km, Error ellipse: s-maj=7.1km s-min=6.5km az=173.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

ISCJB 06 00:00:19.0, 0.6, 26.55N, 0.05, 53.74E, h10km, Error ellipse: s-maj=7.1km s-min=6.5km az=173.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANOM Banah, BANOM Banah, ASUD AI Ashush, Dub, etc.

CSEM 06 00:51:40.8, 0.6, 41.72N, 20.26E, h2km, ML2.4/9, Error ellipse: s-maj=8.1km s-min=6.2km az=139.0



Error ellipse: s-maj=0.8km s-min=1.0km az=0.0
ISC 06 01:08:51.43.4.0.8, 41.80N.0.04.20.19E.0.05, h10km, n28,
0.99/54, 10C-4D, Albania

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like PUK, BCI, ULC, etc.

-7.8200, Plg13.0000°, Azm202.0000°; Data Used: II IU IC
CN G
NEIC 06 01:10:20.7.0.2, 49.79N:130.11W, h10km, mb5.0/94,
MW5.4(PGC) Error ellipse: s-maj=5.4km s-min=2.3km
az=22.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like HOLB, BPBC, PHC, etc.

RR12 Red Ridge 14.40 110 ePn Pn 01 13 45.3 +0.6
HVS Hansel Valley 14.47 117 ePn Pn 01 13 46.7 +1.1
SAO San Andreas Ge 14.48 151 ePn Pn 01 13 45.6 -0.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like MOOW, TPWF, RMDW, etc.

ISK 06 01:08:53.7, 37.32N-27.00E, h4km, MD2.6
ISCJB 06 01:08:54.8-0.6, 37.34N-0.03-27.06E.0.04, h9km, 6km,
Error ellipse: s-maj=5.4km s-min=4.5km az=172.8

DDA 06 01:08:54.5, 37.37N-27.04E, h7km, 5km, MD2.9
CSEM 06 01:08:54.4-0.1, 37.34N-27.00E, h9km, MD2.6, Error
ellipse: s-maj=3.7km s-min=2.5km az=62.0

THE 06 01:08:55.0, 37.33N-27.17E, h10km, ML2.1/1, Error
ellipse: s-maj=3.9km s-min=1.0km az=110.0

ISC 06 01:08:54.9-0.5, 37.35N-0.02-27.02E.0.04, h9km, 8km,
n34, 0.82/54, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like BODT, BDRM, MLBS, etc.

ETW Entiat 6.81 106 ePn Pn 01 12 01.0 +0.2
COR Corvallis 6.98 136 ePn Pmax 01 12 02.2 -0.9

COR Corvallis 6.98 136 ePn Pn 01 12 02.1 -1.0
HOOD Mount Hood Mtn 7.26 125 ePn Pn 01 12 07.1 +0.2
RSW Rattlesnake Hill 7.80 112 ePn Pn 01 12 15.1 +0.7

HAWA Hanford 7.84 112 ePn Pn 01 12 15.3 +0.4
SIT Sitka 7.88 338 eP Pmax 01 12 15.0 -0.4
SIT Sitka 7.88 338 ePn Pn 01 12 15.0 -0.4

OD2 Odessa Site #2 7.90 104 ePn Pn 01 12 13.3 -2.4
KEMB Edson Butte 8.01 148 ePb Pn 01 12 29.0 -1.1
DLBC Dease Lake 8.61 0 Pn Pn 01 12 28.2 -2.2

DLBC Dease Lake 8.61 0 ePn Pn 01 12 29.1 +3.7
NEW Newport 8.63 96 ePn Pn 01 12 25.8 0.0
HUMO Hull Mountain 8.75 143 ePn Pn 01 12 28.2 +0.9

YBH Yreka Blue Hor 9.59 145 ePn Pn 01 12 40.3 +1.3
YBH Yreka Blue Hor 9.59 145 ePn Pn 01 12 40.3 +1.3
YBH Yreka Blue Hor 9.59 145 ePn Pn 01 12 40.3 +1.3

BSD Bassoo Peak 10.26 95 ePn Pn 01 12 47.9 -0.1
MOT Motoc 10.44 136 ePn Pn 01 12 51.8 -1.0
BLMT Blattail Moun 10.48 94 ePn Pn 01 12 51.6 +0.5

WVOR Wild Horse Val 10.84 129 ePn Pmax 01 12 56.5 +0.5
SWMT Swartz Lake 10.87 96 ePn Pn 01 12 56.2 -0.2
EDM Edmonton 10.93 66 ePn Pn 01 13 00.2 +3.0

MSO Missouri 11.14 100 ePn Pn 01 12 59.5 -0.6
PNL Peninsula 11.21 335 ePn Pn 01 13 01.8 +0.7
SLET Seelye Lake 11.28 97 ePn Pn 01 13 01.3 -0.7

CHMT Chamberlain Mo 11.55 98 ePn Pn 01 13 05.3 -0.3
OHCM Honcut 12.14 147 ePn Pn 01 13 14.2 +0.3
HLID Halley 12.42 114 ePn Pn 01 13 18.0 +0.4

LRM Limekiln Ridge 12.48 102 ePn Pn 01 13 16.9 -1.6
HRY Holter Researc 12.53 98 ePn Pn 01 13 19.2 +0.1
DLMT Dillon 12.59 104 ePn Pn 01 13 19.5 -0.5

WASH Washoe City 12.83 141 eP Pn 01 13 24.0 +0.8
BMM Battle Mountain 13.04 131 eP Pmax 01 13 27.4 +1.3
BMM Battle Mountain 13.04 131 ePn Pmax 01 13 27.4 +1.2

ISA Isabella 16.50 145 eP Pmax 01 14 12.0 -0.3
ISA Isabella 16.50 145 eP Pmax 01 14 12.0 -0.2
ISA Isabella 16.50 145 eP Pmax 01 14 12.0 -0.2

ISA Redoubt South 16.68 318 ePn Pn 01 14 16.8 +2.3
RDM Redoubt Moun 16.94 85 ePn Pn 01 14 19.0 +1.2
ARUT Antelope Range 16.95 129 eP Pmax 01 14 17.6 -0.4

ARUT Antelope Range 16.95 129 ePn Pmax 01 14 17.6 -0.4
ARUT Antelope Range 16.95 129 ePn Pn 01 14 17.6 -0.4
ARUT Antelope Range 16.95 129 ePn Pn 01 14 17.6 -0.4

MSU Mustang 17.02 125 ePn Pn 01 14 19.3 +0.0
SHPR Sheep Range 17.15 135 ePn Pn 01 14 20.4 -0.1
CCUT Cedar City 17.17 129 ePn Pn 01 14 20.0 -0.8

MCK McKinley 17.23 331 eP Pmax 01 14 22.9 +1.5
MCK McKinley 17.23 331 ePn Pn 01 14 22.9 +1.5
MCK McKinley 17.23 331 ePn Pn 01 14 22.9 +1.5

ILAR Eielson Array 17.41 335 eP Pmax 01 14 24.7 +1.1
ILAR Eielson Array 17.41 335 ePn Pmax 01 14 24.7 +1.1
ILAR Eielson Array 17.41 335 ePn Pmax 01 14 24.7 +1.1

GSC Goldstone 17.46 141 ePn Pn 01 14 24.7 +0.3
GSC Goldstone 17.46 141 ePn Pn 01 14 24.7 +0.3
TRF Thorofare Moun 17.48 329 ePn Pn 01 14 25.7 +1.2

SRU San Rafael 17.53 120 eP Pmax 01 14 25.5 +0.2
SRU San Rafael 17.53 120 ePn Pn 01 14 25.5 +0.2
SRU San Rafael 17.53 120 ePn Pn 01 14 25.5 +0.2

COLA College 17.75 335 eP Pmax 01 14 30.4 +2.6
COLA College 17.75 335 ePn Pmax 01 14 30.4 +2.6
COLA College 17.75 335 ePn Pmax 01 14 30.4 +2.6

FFC Flin Flon 17.79 63 iP Pn 01 14 28.6 +0.3
FFC Flin Flon 17.79 63 iPn Pn 01 14 28.6 0.0
PPLA Purkeypile 17.79 326 ePn Pn 01 14 31.2 +2.8

RWWY Rawlins 17.85 108 ePn Pn 01 14 28.4 -0.8
MWC Mount Wilson 17.93 146 eP Pmax 01 14 31.0 +0.7
MWC Mount Wilson 17.93 146 ePn Pmax 01 14 31.0 +0.7

MWC Mount Wilson 17.93 146 ePn Pn 01 14 31.0 +0.7
PASC Pasadena Art C 17.93 146 eP Pn 01 14 29.5 -0.7
BPWF Bear Paw Mtn 18.14 330 ePn Pn 01 14 33.2 +0.5



TTA	Tatalina	19.27 323	eP	Pn	01 14 45.5 -0.7
PV01	Paradox Valley	19.31 119	eP	Pn	01 14 45.8 -1.2
SMCO	Snowmass	19.53 114	eP	Pn	01 14 48.5 -1.0
WUAZ	Wupatki	19.76 129	eP	Pn	01 14 50.9 -1.4
BAR	Barrett	19.83 145	eP	Pn	01 14 51.7 -1.5
ISCO	Idaho Springs	19.95 111	eP	Pn	01 14 53.8 -0.8
ISCO	Idaho Springs	19.95 111	eP	Pn	01 14 53.8 -0.7
MVCO	Mesa Verde	20.00 121	eP	P	01 14 53.3 -0.2
COLD	Coldfoot	20.18 337	eP	P	01 14 58.3 +3.1
GLA	Glamis	20.22 140	eP	P	01 14 55.8 -0.1
GLA	Glamis	20.22 140	eP	P	01 14 55.8 -0.1
FALS	False Pass	20.26 297	eP	P	01 15 00.8 -1.9
SDCO	Great Sand Dun	21.34 115	eP	P	01 15 08.4 +0.4
OGNE	Ogallala	21.49 104	eP	P	01 15 10.1 +0.6
ULM	Lac du Bonnet	21.84 76	P	P	01 15 15.4 +2.2
AKUT	Akutan	22.20 295	eP	P	01 15 16.7 -1.0
AGMN	Agassiz Nation	22.34 81	eP	P	01 15 18.9 +0.3
FCC	Fort Churchill	22.54 53	eP	P	01 15 21.2 +0.6
TUC	Tucson	22.64 133	eP	P	01 15 20.9 -1.0
TUC	Tucson	22.64 133	eP	P	01 15 20.9 -1.1
TUC	Tucson	22.64 133	eP	P	01 15 20.9 -1.1
UNV	Unalaska Valle	22.71 294	eP	P	01 15 21.0 -1.5
ANMO	Albuquerque	22.78 122	eP	P	01 15 22.7 -0.6
ANMO	Albuquerque	22.78 122	eP	P	01 15 22.5 -0.8
ANMO	Albuquerque	22.78 122	eP	P	01 15 22.5 -0.9
LAZ	Ladron	22.82 124	eP	P	01 15 23.8 0.0
LENM	Lenitor	23.09 124	eP	P	01 15 26.8 +0.1
LPM	Los Pinos Moun	23.16 123	eP	P	01 15 27.7 +0.3
BNM	Barren Site	23.29 124	eP	P	01 15 28.1 -0.6
ECSD	EROS Data Cent	23.55 92	eP	P	01 15 31.0 -0.5
CBKS	Cedar Bluff	24.16 106	eP	P	01 15 37.4 +0.4
CBKS	Cedar Bluff	24.16 106	eP	P	01 15 37.4 +0.4
EYMN	Ely	25.23 79	eP	P	01 15 47.0 +0.3
EYMN	Ely	25.23 79	eP	P	01 15 49.3 -0.3
AMTX	Amarillo	25.55 115	eP	P	01 15 51.8 -0.5
MNTX	Cornudas Mount	25.84 125	eP	P	01 15 54.0 +0.6
KSU1	Kansas State U	25.96 102	eP	P	01 15 57.5 +2.7
GAMB	Gambell	26.14 318	eP	P	01 16 05.5 -0.6
WMOK	Wichita Mounta	27.37 112	eP	P	01 16 05.5 -0.6
WMOK	Wichita Mounta	27.37 112	eP	P	01 16 05.5 -0.7
WMOK	Wichita Mounta	27.37 112	eP	P	01 16 05.5 -0.7
COWI	Conover	27.40 82	eP	P	01 16 07.6 +1.3
JFWS	Jewell Farm	28.05 89	eP	P	01 16 12.6 +0.4
JFWS	Jewell Farm	28.05 89	eP	P	01 16 12.6 +0.4
JFWS	Jewell Farm	28.05 89	eP	P	01 16 12.6 +0.4
TXAR	Lajitas Array	28.11 126	P	P	01 19 28.3 +0.2
TXAR	Lajitas Array	28.11 126	P	P	01 19 28.3 +0.2
TXAR	Lajitas Array	28.11 126	P	P	01 19 28.3 +0.2
TXAR	Lajitas Array	28.11 126	P	P	01 16 16.7 -0.5
RES	Resolute Bay	28.90 18	LR	LR	01 16 18.7 -2.9
ADK	Adak	29.12 292	eP	P	01 16 18.7 -2.9
ADK	Adak	29.12 292	eP	P	01 16 18.7 -2.8
JCT	Junction City	29.83 119	eP	P	01 16 26.6 -1.5
JCT	Junction City	29.83 119	eP	P	01 16 26.6 -1.5
JCT	Junction City	29.83 119	eP	P	01 16 26.6 -1.5
HDL	Hopedale	29.85 92	eP	P	01 16 29.4 +1.2
CCM	Cathedral Cave	29.98 98	eP	P	01 16 29.0 -0.4
CCM	Cathedral Cave	29.98 98	eP	P	01 16 29.0 -0.4
MIAR	Mount Ida	30.69 106	eP	P	01 16 35.9 +0.3
MIAR	Mount Ida	30.69 106	eP	P	01 16 35.9 +0.3
MIAR	Mount Ida	30.69 106	eP	P	01 16 35.9 +0.3
SIUC	Southern Illin	31.49 97	eP	P	01 16 43.7 +1.0
OLIL	Olney	31.62 94	eP	P	01 16 45.0 +1.2
HKT	Hockley	32.52 115	eP	P	01 16 52.0 +0.3
HKT	Hockley	32.52 115	eP	P	01 16 52.0 +0.3
HKT	Hockley	32.52 115	eP	P	01 16 52.0 +0.3
WVT	Waverly	33.32 98	eP	P	01 17 00.0 +1.2
WVT	Waverly	33.32 98	eP	P	01 16 60.0 +1.2
WVT	Waverly	33.32 98	eP	P	01 16 60.0 +1.2
OXF	Oxford	33.33 102	eP	P	01 16 58.5 -0.3
SADO	Sadowa	34.34 79	P	P	01 17 07.0 -0.5
BILL	Bilibino	35.50 325	eP	P	01 17 18.5 +1.3
BILL	Bilibino	35.50 325	eP	P	01 17 18.5 +1.3
BILL	Bilibino	35.50 325	eP	P	01 17 18.5 +1.3
SCHO	Schefferville	37.77 57	P	P	01 17 42.2 +5.4
SCHO	Schefferville	37.77 57	P	P	01 17 42.2 +5.4
SCHO	Schefferville	37.77 57	P	P	01 17 42.2 +5.4
FRNY	Flat Rock	37.81 75	eP	P	01 17 38.7 +1.6

SEY	Seymchan	42.14 318	eP	P	01 18 14.3 +1.4
PET	Petrovavlovsk	42.88 3031	eP	P	01 18 20.1 +1.0
PET	Petrovavlovsk	42.88 3031	eP	P	01 20 03.1
PET	Petrovavlovsk	42.88 3031	eP	P	01 24 46.0 +2.6
PET	Petrovavlovsk	42.88 3031	eP	P	01 18 20.0 -2.1
CMIG	Matias Romero	43.21 126	P	P	01 18 21.4 -1.5
PETK	Petrovavlovsk	43.36 303	P	P	01 33 30.6
PETK	Petrovavlovsk	43.36 303	P	P	01 18 28.2 +1.6
SUMG	Summit	43.83 26	iP	P	01 18 28.4 +1.9
SUMG	Summit	43.83 26	iP	P	01 18 52.0 +1.3
TIXI	Tiksi	46.88 335	eP	P	01 19 27.0 -1.7
TIXI	Tiksi	46.88 335	eP	P	01 19 35.7 +3.8
TIXI	Tiksi	46.88 335	eP	P	01 20 37.8
TIXI	Tiksi	46.88 335	eP	P	01 21 24.7
TIXI	Tiksi	46.88 335	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK	Yakutsk	51.85 324	eP	P	01 19 27.0 -1.7
YAK	Yakutsk	51.85 324	eP	P	01 19 35.7 +3.8
YAK	Yakutsk	51.85 324	eP	P	01 20 37.8
YAK	Yakutsk	51.85 324	eP	P	01 21 24.7
YAK	Yakutsk	51.85 324	eP	P	01 26 51.0 +0.3
YAK</					

6d 2h

Table of station data for 6d 2h, including columns for station name, coordinates, and various parameters like S, P, M, L, R, and time.

2008 SEP

Main table of station data for 2008 SEP, listing station names, coordinates, and parameters such as S, P, M, L, R, and time.

238

Table of station data for 238, including station names, coordinates, and parameters like S, P, M, L, R, and time.

ASAR Alice Springs 43.50 127 P P 02 23 59.9 +0.3
KSRS Korea Array 45.91 35 P P 02 24 18.2 -0.5
SONM Songino Array 47.14 9 P P 02 24 28.6 +0.4
MKAR Makanchi Array 47.20 346 P P 02 24 28.4 -0.3
ZALV Zalesovo Beam 53.35 31 P P 02 25 16.5 +0.1

GRAL 06 02:17:31.7±0.3, 34.36N±36.42E, h0km±16km, MD2.8
NSSC 06 02:17:32.34±38N±36.37E, h10km
CSEM 06 02:17:32.0±0.2, 34.34N±36.33E, h2km, ML2.8, 12D, Error ellipse: s-maj=6.5km s-min=4.3km az=106.0, Jordan - Syria region

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
FKH Fakeheh 0.12 149 eP P 02 17 33.7 -0.8
FKH Fakeheh 0.12 149 eS P 02 17 35.2 -0.9
FKH Fakeheh 0.12 149 eP P 02 17 33.7 -0.8
FKH Fakeheh 0.12 149 eS P 02 17 35.2 -0.9

ISCJB 06 02:28:04.2±0.3, 39.09S±0.03, 71.41W±0.09, h150km, 4km, mb4.3/10, Error ellipse: s-maj=12.0km s-min=4.3km az=4.2
IDC 06 02:28:05.8±1.5, 39.02S±71.05W, h140km, 9km, mb4.4/8, mb1.4/2.11, mb1mx4.0/18, mbtmp4.2/11, Error ellipse: s-maj=37.3km s-min=9.9km az=98.0

NEIC 06 02:28:05.5±0.4, 39.06S±71.32W, h146km, 5km, mb4.2/4, Error ellipse: s-maj=13.0km s-min=2.2km az=59.0
GUC 06 02:28:06.2±1.1, 39.14S±71.15W, h113km, 38km, ML4.6
ISC 06 02:28:05.2±0.3, 39.09S±0.03, 71.41W±0.09, h145km, 4km, n49, ±107/66, mb4.3/10, 4C-ID, Southern Chile-Argentina border region

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
TMU Temuco 1.00 291 eP P 02 28 30.2 +0.7
TMU Temuco 1.00 291 eS P 02 28 30.2 +0.7
TMU Temuco 1.00 291 eP P 02 28 30.2 +0.7
TMU Temuco 1.00 291 eS P 02 28 30.2 +0.7

TIR 06 02:43:14.3±1.3, 41.65N±20.46E, h0km±14km, ML3.5
SKO 06 02:43:15.8±1.6, 41.67N±19.35E, h0km
ISCJB 06 02:43:18.6±1.0, 41.72N±19.42E±0.06, h13km±7km, Error ellipse: s-maj=10.0km s-min=5.0km az=136.1
CSEM 06 02:43:18.3±0.7, 41.74N±19.45E, h2km, ML3.5, Error ellipse: s-maj=17.5km s-min=12.7km az=171.0

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
PUK Puka 0.49 42 eP P 02 43 27.5 -0.9
PUK Puka 0.49 42 eS P 02 43 27.5 -0.9
PUC Bajram Curri 0.82 33 eP P 02 43 32.8 -1.9
BCI Bajram Curri 0.82 33 eS P 02 43 32.8 -2.0

ISCJB 06 02:47:40.5±4.1, 24.4S±0.1x179.9W±0.2, h456km±46km, mb4.0/17, Error ellipse: s-maj=23.4km s-min=15.0km az=150.7
NEIC 06 02:47:42.1±2.6, 24.42S±179.81W, h468km±29km, mb4.5/4, Error ellipse: s-maj=20.7km s-min=16.0km az=206.0
IDC 06 02:47:43.5±2.4, 24.36S±179.88W, h476km±20km, mb3.5/12, mb1.3/7.12, mb1mx3.7/17, mbtmp3.5/12, Error ellipse: s-maj=20.1km s-min=18.9km az=109.0

ISC 06 02:47:41.1±3.3, 24.5S±0.1x179.8W±0.1, h451km±39km, n30, ±984/25, mb4.0/17, South of Fiji Islands

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
URZ Urewera 14.02 190 Op P 02 50 41.3 -0.2
URZ Urewera 14.02 190 P P 02 50 39.3 -1.2
RPZ Rata Peaks 20.63 199 P P 02 51 50.1 +2.2
CMTA Cobar Meteor 11.28 249 eP P 02 53 22.5 +0.9

BOSA Boshof 77.30 116 P P 02 39 44.0 +0.2
BOSA Boshof 77.30 116 P P 02 39 44.0 +0.2
LBTB Lobatse 75.75 64 eP P 02 39 57.4 +0.2
TORD Torodi Ar. Bea 85.69 119 P P 02 40 26.9 -0.1
WRA Warramunga Arr 116.52 207 PKP PKPdf 02 46 32.0 -0.2

ISCJB 06 02:29:06.0±1.2, 33.83N±0.04±48.12E±0.04, h0km±11km, Error ellipse: s-maj=7.1km s-min=5.4km az=145.3
CSEM 06 02:29:07.0±0.2, 33.90N±48.17E±h2km, ML3.3, Error ellipse: s-maj=12.3km s-min=7.0km az=92.0
TEH 06 02:29:08.5±3.3, 33.87N±48.12E, h8km
KISR 06 02:29:08.1±0.7, 33.49N±48.35E, h34km±99km, ML2.9

ISC 06 02:29:07.4±1.3, 33.87N±0.04±48.12E±0.05, h2km±11km, n27, ±981/37, Western Iran

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
IKOM Komasi 0.59 301 eP P 02 29 19.1 +0.3
IKOM Komasi 0.59 301 eS P 02 29 19.1 +0.7
IVIS Veis 1.24 302 eP P 02 29 30.0 -1.3
IVIS Veis 1.24 302 eS P 02 29 47.9 +0.5

CHFB Charan 3.20 50 eP Pn 02 29 58.7 0.0
ISFH Sehidah 3.45 81 eP Pn 02 30 02.4 +0.3
DAMV Damavand 3.62 60 eP Pn 02 30 04.5 0.0
IZEF Zefreh 3.65 104 eP Pn 02 30 04.9 0.0

NASN Na'in 4.06 104 eP Pn 02 30 08.6 -1.9
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7

IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7

IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7

RDFA Al-Radifah 4.95 186 eP Pn 02 30 23.8 +1.1
RDFA Al-Radifah 4.95 186 eP Pn 02 30 23.8 +1.1
IANJ Anjilo 5.03 70 eS Pn 02 30 51.7 0.0
IPAR Pars 5.80 132 eP Pn 02 30 31.3 -3.1

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
PUC Bajram Curri 0.82 33 eP P 02 43 32.8 -1.9
BCI Bajram Curri 0.82 33 eS P 02 43 32.8 -2.0

KRUS Krusevo 1.38 102 eP Pn 02 43 42.9 -1.4
KBN Korca 1.46 136 eS Pn 02 44 09.6 +3.8
BIA Bitola 1.55 115 eS Pn 02 44 07.1 +0.3
STON Ston 1.77 313 eP Pn 02 44 15.9 +0.3

SRN Sarande 1.85 167 eS Pn 02 44 16.4 +0.5
SRN Sarande 1.85 167 eS Pn 02 44 16.4 +0.5
NVLJ Novalja 4.42 312 eP Pn 02 45 26.7 +0.6
NVLJ Novalja 4.42 312 eS Pn 02 45 26.7 +0.6

ISCJB 06 02:47:40.5±4.1, 24.4S±0.1x179.9W±0.2, h456km±46km, mb4.0/17, Error ellipse: s-maj=23.4km s-min=15.0km az=150.7
NEIC 06 02:47:42.1±2.6, 24.42S±179.81W, h468km±29km, mb4.5/4, Error ellipse: s-maj=20.7km s-min=16.0km az=206.0
IDC 06 02:47:43.5±2.4, 24.36S±179.88W, h476km±20km, mb3.5/12, mb1.3/7.12, mb1mx3.7/17, mbtmp3.5/12, Error ellipse: s-maj=20.1km s-min=18.9km az=109.0

ISC 06 02:47:41.1±3.3, 24.5S±0.1x179.8W±0.1, h451km±39km, n30, ±984/25, mb4.0/17, South of Fiji Islands

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
URZ Urewera 14.02 190 Op P 02 50 41.3 -0.2
URZ Urewera 14.02 190 P P 02 50 39.3 -1.2
RPZ Rata Peaks 20.63 199 P P 02 51 50.1 +2.2

CMTA Cobar Meteor 11.28 249 eP P 02 53 22.5 +0.9
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.7
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.7
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.6

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
URZ Urewera 14.02 190 Op P 02 50 41.3 -0.2
URZ Urewera 14.02 190 P P 02 50 39.3 -1.2
RPZ Rata Peaks 20.63 199 P P 02 51 50.1 +2.2

STKA Stephens Creek 34.68 249 P P 02 53 62.3 +0.8
STKA Stephens Creek 34.68 249 P P 02 53 52.3 +0.8
PMG Port Moresby 34.84 290 eP P 02 53 52.7 -0.3
ASAR Alice Springs 42.12 261 P P 02 54 52.0 0.0
WRA Warramunga Arr 42.55 257 P P 02 54 55.3 -0.6

ISCJB 06 02:29:06.0±1.2, 33.83N±0.04±48.12E±0.04, h0km±11km, Error ellipse: s-maj=7.1km s-min=5.4km az=145.3
CSEM 06 02:29:07.0±0.2, 33.90N±48.17E±h2km, ML3.3, Error ellipse: s-maj=12.3km s-min=7.0km az=92.0
TEH 06 02:29:08.5±3.3, 33.87N±48.12E, h8km
KISR 06 02:29:08.1±0.7, 33.49N±48.35E, h34km±99km, ML2.9

ISC 06 02:29:07.4±1.3, 33.87N±0.04±48.12E±0.05, h2km±11km, n27, ±981/37, Western Iran

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
IKOM Komasi 0.59 301 eP P 02 29 19.1 +0.3
IKOM Komasi 0.59 301 eS P 02 29 19.1 +0.7
IVIS Veis 1.24 302 eP P 02 29 30.0 -1.3
IVIS Veis 1.24 302 eS P 02 29 47.9 +0.5

SNGE Sanandaj 1.38 333 eP Pn 02 29 32.1 -1.5
SNGE Sanandaj 1.38 333 eS Pn 02 29 52.5 +0.7
ILIN Lien 1.42 318 eP Pn 02 29 34.1 -0.1
ILIN Lien 1.42 318 eP Pn 02 29 58.5 0.0

IDHR Dehrash 1.66 301 eP Pn 02 29 38.4 -0.8
IDHR Dehrash 1.66 301 eS Pn 02 29 59.8 -1.0
IDHR Dehrash 1.66 301 eP Pn 02 29 38.4 -0.8
IDHR Dehrash 1.66 301 eS Pn 02 29 59.8 -1.0

IRAZ Razeghan 2.14 44 eP Pn 02 29 44.2 +0.1
IRAZ Razeghan 2.14 44 eP Pn 02 29 20.8 0.0
IPIR Pirpir 2.60 116 eP Pn 02 29 50.6 +0.2
IPIR Pirpir 2.60 116 eP Pn 02 30 47.7 0.0

ZNJK Zanjan 2.83 9 eP Pn 02 29 53.6 0.0
IR3 Iran Long-Peri 2.88 55 eP Pn 02 29 55.0 +0.7
IKLH Kolahrood 2.94 100 eP Pn 02 29 55.8 +0.8
IKLH Kolahrood 2.94 100 eP Pn 02 30 46.1 0.0

CHFB Charan 3.20 50 eP Pn 02 29 58.7 0.0
ISFH Sehidah 3.45 81 eP Pn 02 30 02.4 +0.3
DAMV Damavand 3.62 60 eP Pn 02 30 04.5 0.0
IZEF Zefreh 3.65 104 eP Pn 02 30 04.9 0.0

NASN Na'in 4.06 104 eP Pn 02 30 08.6 -1.9
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7
MIB Mutribah 4.11 190 eS Pn 02 30 11.8 +0.7

IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7

IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
IHRH Heris 4.53 349 eP Pn 02 30 16.3 -0.6
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7
NAY Al-Naaiem 4.66 190 eS Pn 02 30 19.5 +0.7

RDFA Al-Radifah 4.95 186 eP Pn 02 30 23.8 +1.1
RDFA Al-Radifah 4.95 186 eP Pn 02 30 23.8 +1.1
IANJ Anjilo 5.03 70 eS Pn 02 30 51.7 0.0
IPAR Pars 5.80 132 eP Pn 02 30 31.3 -3.1

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
PUC Bajram Curri 0.82 33 eP P 02 43 32.8 -1.9
BCI Bajram Curri 0.82 33 eS P 02 43 32.8 -2.0

KRUS Krusevo 1.38 102 eP Pn 02 43 42.9 -1.4
KBN Korca 1.46 136 eS Pn 02 44 09.6 +3.8
BIA Bitola 1.55 115 eS Pn 02 44 07.1 +0.3
STON Ston 1.77 313 eP Pn 02 44 15.9 +0.3

SRN Sarande 1.85 167 eS Pn 02 44 16.4 +0.5
SRN Sarande 1.85 167 eS Pn 02 44 16.4 +0.5
NVLJ Novalja 4.42 312 eP Pn 02 45 26.7 +0.6
NVLJ Novalja 4.42 312 eS Pn 02 45 26.7 +0.6

ISCJB 06 02:47:40.5±4.1, 24.4S±0.1x179.9W±0.2, h456km±46km, mb4.0/17, Error ellipse: s-maj=23.4km s-min=15.0km az=150.7
NEIC 06 02:47:42.1±2.6, 24.42S±179.81W, h468km±29km, mb4.5/4, Error ellipse: s-maj=20.7km s-min=16.0km az=206.0
IDC 06 02:47:43.5±2.4, 24.36S±179.88W, h476km±20km, mb3.5/12, mb1.3/7.12, mb1mx3.7/17, mbtmp3.5/12, Error ellipse: s-maj=20.1km s-min=18.9km az=109.0

ISC 06 02:47:41.1±3.3, 24.5S±0.1x179.8W±0.1, h451km±39km, n30, ±984/25, mb4.0/17, South of Fiji Islands

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
URZ Urewera 14.02 190 Op P 02 50 41.3 -0.2
URZ Urewera 14.02 190 P P 02 50 39.3 -1.2
RPZ Rata Peaks 20.63 199 P P 02 51 50.1 +2.2

CMTA Cobar Meteor 11.28 249 eP P 02 53 22.5 +0.9
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.7
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.7
CTA Charters Tower 31.66 271 eP P 02 53 26.5 +0.6











<b>FINES</b>	<b>FINES Array B</b>	37.49 326	P	P	05 54 34.6 -0.2
	comp=Z,260nm,0.7s,mb5.8,baz=117,slow=8.1,SNR=620				
<b>FINES</b>					05 55 15.2 +0.1
<b>FINES</b>	comp=Z,70nm,0.6s,baz=110,slow=10,SNR=3.3				05 55 59.0 -5.3
<b>FINES</b>	comp=Z,142nm,0.9s,baz=105,slow=11,SNR=3.4				06 11 14.8
<b>FINES</b>	comp=Z,2um,18.1s,baz=76,slow=38				06 24 49.3
<b>FINES</b>	comp=Z,1.2nm,0.8s,baz=359,slow=5.6,SNR=3.4				05 54 34.6 -0.2
<b>FINES</b>	<b>FINES Array B</b>	37.49 326	P	P	05 55 15.2 +0.1
<b>FINES</b>					05 55 15.2 +0.1
<b>FINES</b>	comp=Z,260nm,0.7s				06 11 14.8
<b>FINES</b>	comp=Z,2um,18.1s				06 24 49.3
<b>FINES</b>	<b>FINES Array B</b>	37.49 326	P	P	05 54 34.6 -0.2
<b>FINES</b>					05 55 15.2 +0.1
<b>FINES</b>					05 55 59.0 -5.4
<b>FINES</b>					06 11 14.8
<b>FINES</b>					06 24 49.3
<b>VAM</b>	Vamos	37.56 283	eP	P	05 54 35.4 -0.3
<b>VAY</b>	Valandovo	37.56 293	iP	P	05 54 35.5 -0.2
<b>KAF</b>	Kangasniemi	37.63 327	eP	P	05 54 34.1 -1.9
<b>KAF</b>					
<b>APA</b>	comp=Z,172nm,0.9s,mb5.6				05 54 35.6 -0.5
<b>APA</b>	<b>Apatity</b>	37.66 338	iP	P	05 55 16.0 -0.5
<b>APA</b>					05 56 05.0
<b>APA</b>					06 00 12.0 +0.8
<b>APA</b>					06 01 22.0 -0.4
<b>APA</b>					06 04 24.0 -2.9
<b>APA</b>	comp=Z,270nm,1.0s,mb5.7				
<b>APA</b>	comp=Z,300nm,5.0s				
<b>APA</b>	comp=Z,7um,10.0s				
<b>ATAL</b>	Atalanti	37.69 288	P	P	05 54 36.2 -0.6
<b>LKR</b>	Lokris	37.72 288	P	P	05 54 36.7 -0.9
<b>GRG</b>	Griva	37.74 292	P	P	05 54 37.3 +0.1
<b>KARN</b>	Karanos	37.78 283	P	P	05 54 37.3 -0.3
<b>BZS</b>	Buzias	37.78 300	iP	P	05 54 37.9 +0.5
<b>BZS</b>	Buzias	37.78 300	iP	P	05 54 37.9 +0.5
<b>UDJ</b>	Didima	37.78 286	P	P	05 54 34.9 -2.7
<b>CRVS</b>	Cervenica-Dubn	37.79 305	eP	P	05 54 37.9 +0.5
<b>CRVS</b>					05 56 07.4
<b>CRVS</b>					06 00 15.9 +2.4
<b>CRVS</b>					06 03 03.8 -3.9
<b>CRVS</b>	comp=Z,51nm,1.5s,mb4.8				
<b>CRVS</b>	Cervenica-Dubn	37.79 305	eP	P	05 54 37.9 +0.5
<b>CRVS</b>	comp=Z,50nm,1.5s,mb4.8				05 54 57.4
<b>CRVS</b>					05 56 07.4 -0.4
<b>CRVS</b>					06 00 15.9 +2.4
<b>CRVS</b>					06 03 03.8 -3.9
<b>CRVS</b>	Cervenica-Dubn	37.79 305	eP	P	05 54 37.9 +0.5
<b>CRVS</b>					05 54 57.4
<b>CRVS</b>					05 56 07.4 -0.4
<b>CRVS</b>					06 00 15.9 +2.4
<b>CRVS</b>					06 03 03.8 -3.9
<b>LIT</b>	Litokhoron	37.82 291	P	P	05 54 37.3 -0.6
<b>LTK</b>	Loutlaki	37.88 287	P	P	05 54 36.8 -1.5
<b>BARS</b>	Barje	37.91 295	P	P	05 54 37.8 -0.7
<b>DSJ</b>	Desfina	38.13 288	P	P	05 54 40.2 -0.3
<b>WAR</b>	Warsaw	38.20 310	eP	P	05 54 41.7 +0.9
<b>WAR</b>					05 56 12.6 +0.4
<b>WAR</b>					06 00 21.5 +1.8
<b>WAR</b>					06 12 28.1
<b>WAR</b>	comp=Z,1um,20.7s				
<b>WAR</b>	Warsaw	38.20 310	P	P	05 54 43.3 +2.5
<b>VLJ</b>	Veliai	38.21 285	eP	P	05 54 39.2 -1.9
<b>KYTH</b>	Kithira	38.24 284	eP	P	05 54 41.3 -0.1
<b>QIZ</b>	Qionghong	38.27 106	P	P	05 54 42.4 +0.6
<b>QIZ</b>					05 55 21.7 -0.6
<b>QIZ</b>					05 55 43.8 -0.3
<b>QIZ</b>					05 56 14.7 +1.2
<b>QIZ</b>					06 00 21.4
<b>QIZ</b>					06 01 32.4 -0.4
<b>QIZ</b>	comp=Z,97nm,1.2s,mb5.2				
<b>QIZ</b>	comp=Z,1um,6.3s				
<b>QIZ</b>	Qionghong	38.27 106	eP	P	05 54 42.0 +0.2
<b>THL</b>	Kikotos Trika	38.28 290	eP	P	05 54 41.5 -0.2
<b>THL</b>	Kikotos Trika	38.28 290	eP	P	05 54 40.7 -1.0
<b>KZN</b>	Kozani	38.33 291	P	P	05 54 42.3 +0.2
<b>GUR</b>	Goura	38.38 287	P	P	05 54 41.2 -1.3
<b>KALE</b>	Kalitheia	38.43 288	P	P	05 54 42.1 -0.9
<b>KECS</b>	Kecovo	38.44 304	eP	P	05 54 43.5 +0.6
<b>KECS</b>	comp=Z,34nm,0.8s,mb4.9				
<b>KECS</b>	Kecovo	38.44 304	eP	P	05 54 43.5 +0.6
<b>KECS</b>	comp=Z,34nm,0.8s,mb4.9				05 56 13.2 -1.6
<b>KECS</b>	Kecovo	38.44 304	eP	P	05 54 43.5 +0.6
<b>KECS</b>					05 55 22.8 -0.6
<b>KECS</b>					05 56 13.2 -1.6
<b>VLX</b>	Vlachokerasia	38.48 286	P	P	05 54 41.5 -1.9
<b>TRIZ</b>	Trizonia	38.49 288	P	P	05 54 42.4 -1.0
<b>KRUS</b>	Krusevo	38.54 293	iP	P	05 54 43.3 -0.5
<b>FNA</b>	Florina	38.54 292	P	P	05 54 43.5 -0.9
<b>NIE</b>	Niedzica	38.54 306	eP	P	05 54 44.9 +1.2
<b>NIE</b>					05 56 20.0 +4.0
<b>NIE</b>	Niedzica	38.54 306	P	P	05 54 45.0 +1.3
<b>GRUS</b>	Gruzia	38.56 297	P	P	05 54 44.8 +0.5
<b>LAKA</b>	Lakka	38.59 288	P	P	05 54 43.4 -0.4
<b>EPF</b>	Efpalio	38.60 288	P	P	05 54 43.1 -1.3
<b>PSZ</b>	Piszkesteto	38.85 304	P	P	05 54 47.5 +1.2
<b>PSZ</b>	Piszkesteto	38.85 304	eP	P	05 54 47.0 +0.7
<b>PSZ</b>	comp=Z,92nm,1.0s,mb5.3				
<b>PSZ</b>	Piszkesteto	38.85 304	iP	P	05 54 46.9 +0.6
<b>PSZ</b>	Piszkesteto	38.85 304	eP	P	05 54 47.2 +0.9
<b>PSZ</b>					05 55 28.0 +1.1
<b>PSZ</b>					05 56 24.1 +4.8
<b>NEST</b>	Nestorio	38.85 291	P	P	05 54 45.9 -0.5
<b>GZH</b>	Guangzhou	38.86 98	P	P	05 54 47.4 +0.7
<b>GZH</b>					06 00 31.8 +1.6
<b>GZH</b>					
<b>GZH</b>	comp=N,880nm,11.2s				
<b>GZH</b>	comp=E,820nm,10.6s				
<b>ITM</b>	Ithomi	38.88 286	eP	P	05 54 45.1 -1.6
<b>OJC</b>	Ojcow	38.88 307	eP	P	05 54 46.5 0.0
<b>OJC</b>					05 56 21.7 +2.1
<b>OJC</b>					06 00 32.0 +2.1
<b>OJC</b>					06 14 17.7
<b>OJC</b>	comp=E,1.0nm,18.4s				
<b>OJC</b>	Ojcow	38.88 307	eP	P	05 54 46.7 +0.1
<b>OJC</b>	comp=E,11nm,1.0s				
<b>KBN</b>	Korca	39.01 292	eP	P	05 54 50.9 +3.2
<b>RLS</b>	Riolos of Patr	39.01 288	eP	P	05 54 47.9 0.0
<b>DIVS</b>	Divibare	39.07 287	P	P	05 54 48.5 +0.3
<b>FRGS</b>	Fruska Gora	39.09 289	P	P	05 54 49.1 +0.8
<b>PYL</b>	PYLOS	39.09 286	P	P	05 54 46.1 -2.4
<b>BCI</b>	Bajram Curri	39.25 295	eP	P	05 54 49.6 -0.1
<b>PVY</b>	Plav	39.28 295	iP	P	05 54 49.6 -0.4
<b>PVY</b>	Plav	39.28 295	iP	P	05 54 49.7 -0.3
<b>IVA</b>	Berane	39.30 296	iP	P	05 54 51.0 +0.9
<b>IVA</b>	Berane	39.30 296	P	P	05 54 51.0 +0.9
<b>LIKS</b>	Likavka	39.34 305	eP	P	05 54 50.8 +0.5
<b>LIKS</b>	comp=Z,77nm,0.8s,mb5.3				
<b>LIKS</b>	Likavka	39.34 305	eP	P	05 54 50.8 +0.5
<b>LIKS</b>	comp=Z,76nm,0.8s,mb5.3				
<b>LIKS</b>	Likavka	39.34 305	eP	P	05 54 50.8 +0.5
<b>LIKS</b>	Likavka	39.34 305	eP	P	05 54 47.8 -3.4
<b>BUD</b>	Budapest	39.45 303	eP	P	05 55 52.6 -1.2
<b>BLS</b>	Lazi#263	39.52 297	P	P	05 54 50.8 -1.3
<b>KFL</b>	Annunata	39.53 288	P	P	05 54 50.8 -1.3
<b>VYHS</b>	Vyhne	39.53 304	eP	P	05 54 52.8 +0.8
<b>VYHS</b>					05 55 32.7 0.0
<b>VYHS</b>					05 56 25.9
<b>VYHS</b>					06 00 39.9 -0.3
<b>VYHS</b>					06 01 51.1 -0.3
<b>VYHS</b>					06 03 40.4 -2.0
<b>VYHS</b>	comp=Z,88nm,1.3s,mb5.0				
<b>VYHS</b>	Vyhne	39.53 304	eP	P	05 54 52.8 +0.8
<b>VYHS</b>	comp=Z,88nm,1.3s,mb5.0				

<b>VYHS</b>					05 55 32.7 0.0
<b>VYHS</b>					05 56 25.9 -0.8
<b>VYHS</b>					06 00 24.8
<b>VYHS</b>					06 00 39.4 -0.3
<b>VYHS</b>					06 03 40.4 -2.0
<b>VYHS</b>					05 54 52.8 +0.8
<b>VYHS</b>					05 55 10.1
<b>VYHS</b>					05 55 32.7 0.0
<b>VYHS</b>					05 56 25.9 -0.8
<b>VYHS</b>					06 00 24.8 -0.2
<b>VYHS</b>					06 00 39.4 -0.3
<b>VYHS</b>					06 01 51.1 -0.3
<b>VYHS</b>					06 03 40.4 -2.0
<b>VYHS</b>					05 54 53.6 +1.3
<b>VYHS</b>					05 55 31.1 -1.9
<b>VYHS</b>					05 55 31.7 -3.7
<b>VYHS</b>					06 00 42.0 +1.6
<b>VYHS</b>					06 01 49.0 -3.1
<b>VYHS</b>	comp=Z,440nm,0.8s,mb5.9				
<b>VYHS</b>	comp=Z,170nm,6.0s				
<b>VYHS</b>	comp=N,990nm,16.4s				
<b>VYHS</b>	comp=E,1um,17.1s				
<b>VYHS</b>	comp=Z,790nm,15.0s				
<b>PLE</b>	Piljevija	39.60 296	iP	P	05 54 54.1 +0.5
<b>VLS</b>	Valsamata	39.60 296	eP	P	05 54 54.0 +1.4
<b>VLS</b>	Valsamata	39.67 288	eP	P	05 54 52.0 -1.2
<b>VLS</b>	Valsamata	39.67 288	eP	P	05 54 51.4 -1.8
<b>SRN</b>	Sarandë	39.74 291	eP	P	05 54 52.8 -1.0
<b>SNL</b>	Songkhla	39.79 130	P	P	05 54 55.0 +0.5
<b>DL2</b>	Dalian	39.79 71	P	P	05 54 54.4 +1.1
<b>DL2</b>					05 55 37.5 +2.5
<b>DL2</b>					05 55 48.8 -2.0
<b>DL2</b>					06 00 47.0 +3.1
<b>DL2</b>					06 01 52.2 -3.4
<b>DL2</b>	comp=Z,160nm,0.7s,mb5.6				
<b>DL2</b>	comp=Z,400nm,4.7s				
<b>PKSM</b>	PKSM	39.81 301	iP	P	05 54 54.3 +0.1
<b>KOLL</b>	Kolacno	39.82 305	eP	P	05 54 54.6 +0.3
<b>KOLL</b>	Kolacno	39.82 305	eP	P	05 55 36.2 +1.1
<b>KOLL</b> </					

PRU		ePP	PP	05 56 57.2 +1.1	
PRU		eS	SS	06 01 24.5 +4.4	
PRU		eSS	SS	06 04 44.2 +8.2	
PRA	Prague	42.34 307	iP	05 55 16.0 +1.2	
PRA		pp	PP	05 56 40.0 -1.7	
PRA		pp	PP	05 55 56.0 +0.8	
PRA		S	P	06 01 25.0 +4.0	
MSAG	Monte S. Angel	42.41 295	P	05 55 15.3 -0.3	
SGRT	San Giovanni R	42.53 295	P	05 55 16.2 -0.3	
ACER	Acerenza	42.58 293	P	05 55 17.1 +0.2	
OBKA	Obir	42.59 302	P	05 55 17.6 +0.7	
OBKA	Obir	42.59 302	iP	05 55 17.5 +0.6	
BRG	Berggiesshubel	42.60 308	eP	05 55 17.4 +0.5	
BRG	Berggiesshubel	42.60 308	iP	05 55 58.2 0.0	
BRG	Berggiesshubel	42.60 308	iP	05 55 17.3 +0.4	
BRG	comp-Z,73nm,1.0s		pP	05 55 54.3 -3.9	
BRG	comp-Z,143nm,1.0s		e	05 56 22.4	
BRG	comp-Z,119nm,1.1s		PP	05 56 55.5 -4.1	
BRG	comp-Z,145nm,1.1s		pPP	05 57 34.3	
BRG	comp-Z,187nm,1.4s		ScP	06 00 37.0 -0.9	
BRG	comp-Z,89nm,1.2s		S	06 01 31.0 +6.1	
BRG	comp-Z,11um,15.5s		sS	06 02 38.0 +0.6	
BRG	comp-Z,1um,15.5s		SS	06 04 38.0 -4.4	
BRG	comp-N,75nm,14.4s				
BRG	comp-E,830nm,14.4s				
MOA	Molin	42.63 304	P	05 55 17.2 0.0	
MOA	Molin	42.63 304	iP	05 55 17.2 0.0	
RUE	Ruedersdorf	42.65 311	P	05 55 17.1 -0.1	
RUE	Ruedersdorf	42.65 311	eP	05 55 58.9 +0.4	
RUE	Ruedersdorf	42.65 311	eP	05 55 17.4 +0.2	
RUE	comp-Z,460nm,1.1s,mb5.8		pP	05 55 59.1 +0.6	
RUE	Novajia	42.65 299	P	05 55 16.4 -1.0	
RGNG	Rignano Grg	42.66 295	P	05 55 17.4 -0.1	
LJU	Ljubljana	42.67 301	iP	05 55 18.1 +0.6	
LJU		i	PP	05 56 00.1 +1.3	
LJU		i	PP	05 56 21.7 +1.2	
LJU		i	PP	05 57 02.7 +1.7	
LJU		i	PP	06 02 41.9 +3.4	
LJU		i	PP	06 04 48.6 +4.7	
LJU	Ljubljana	42.67 301	iP	05 55 18.1 +0.6	
LJU		i	PP	05 55 36.9	
LJU		i	PP	05 56 00.1 +1.3	
LJU		i	PP	05 56 21.7 +1.2	
LJU		i	PP	05 57 02.0 -3.7	
LJU		i	PP	06 00 37.0	
LJU		i	PP	06 01 27.7 +1.7	
LJU		i	PP	06 02 41.9 +3.4	
LJU		i	PP	06 04 48.6 +4.7	
LJU		i	PP	05 55 19.0 +0.6	
LJU		i	PP	05 55 20.4 +1.5	
LJU		i	PP	05 55 19.3 +0.1	
CUC			pP	05 56 01.2 +0.6	
GE2	GERESS Array S	42.91 305	eP	05 55 19.7 +0.3	
GE2	comp-Z,77nm,1.1s,mb5.0		pP	05 56 02.6 +1.9	
GE2			pP	05 56 21.9 -0.5	
GE2	GERESS Array S	42.91 305	eP	05 55 19.7 +0.3	
GE2			pP	05 56 02.6 +1.9	
GE2			SP	05 56 21.9 -0.5	
GE2	comp-Z,77nm,1.1s,mb5.0		pP	05 55 19.9 +0.6	
RGN	Rugen	42.91 314	eP	05 55 19.9 +0.6	
RGN	comp-Z,1um,1.0s,mb6.2		pP	05 56 01.2 +0.6	
RGN	Rugen	42.91 314	eP	05 55 20.0 +0.7	
RGN	comp-Z,2um,1.1s,mb6.4		pP	05 56 01.0 +0.4	
MLRC	Muro Lucano	42.93 293	P	05 55 19.9 +0.2	
KHC	Kasperske Hory	42.96 306	eP	05 55 20.3 +0.9	
KHC			pP	05 55 19.7 -3.2	
KHC			eS	05 57 02.5	
KHC			eS	06 01 33.5 +3.3	
KHC			SS	06 04 51.2 +1.8	
KHC	Kasperske Hory	42.96 306	eP	05 55 20.2 +0.4	
KHC	comp-Z,126nm,1.3s,mb5.2		pP	05 55 20.3 +0.5	
KHC			pP	05 55 57.9 -3.2	
KHC			PP	05 57 02.5 -1.0	
KHC			SS	06 01 33.5 +3.3	
KHC			SS	06 01 21.2 +1.8	
FBE	Freiberg	42.97 308	eP	05 55 20.6 +0.7	
FBE	comp-Z,338nm,0.9s,mb5.8		pP	05 56 02.3 +1.1	
FG5	Orsara di Pugli	42.97 294	P	05 55 20.9 +0.8	
MGR	Morigerati	43.02 292	P	05 55 19.7 -0.7	
VOY	Vojsko	43.11 301	eP	05 55 20.8 -0.3	
VOY			e	05 55 34.1	
VOY			e	05 55 39.3	
VOY			e	05 55 59.3 -3.1	
VOY			e	06 00 40.7	
VOY	Vojsko	43.11 301	eP	05 55 20.8 -0.3	
VOY			e	05 55 34.1	
VOY			e	05 55 39.3	
VOY			e	05 55 59.3 -3.1	
VOY			e	06 00 40.7	
Collm	Collm	43.17 309	eP	05 55 21.4 -0.1	
Collm	comp-Z,140nm,0.9s,mb5.4		pP	05 56 03.0 +0.2	
Collm			iP	05 55 21.7 +0.2	
Collm			pP	05 56 03.0 +0.2	
Collm			eS	06 01 34.0 +0.8	
Collm	comp-Z,140nm,0.9s,mb5.4		pP	05 55 21.7 +0.2	
Collm			pP	05 56 03.0 +0.2	
Collm			eScP	06 00 39.0 -1.2	
Collm			eS	06 01 34.0 +0.8	
Collm			iP	05 55 21.7 +0.2	
Collm	comp-Z,140nm,0.9s,mb5.4		e	05 55 30.0	
Collm			pP	05 58 03.0 +0.2	
Collm			SP	05 56 26.0 +1.5	
Collm			ePP	05 57 07.0 +1.3	
Collm			i	05 57 14.4	
Collm			e	05 57 30.0	
Collm			ePP	05 55 03.0 -1.2	
Collm	comp-Z,52nm,1.1s		ScP	06 00 39.0 -1.2	
Collm	comp-N,700nm,26.0s		eS	06 01 34.0 +0.8	
Collm	comp-E,1um,24.0s		eS	06 01 34.0 +0.8	
Collm			sS	06 02 43.0 -2.8	
Collm			SS	06 04 48.0 -5.4	
Collm			e(SS)	06 05 11.0	
Collm			e(SS)	06 05 55.0	
Collm			e	06 07 38.0	
Collm			LmH	06 14 00.0	
Collm	comp-N,1um,20.1s		LmH	06 14 00.0	
Collm	comp-E,400nm,22.0s		LmV	06 16 00.0	
Collm	comp-Z,1um,18.1s				
MYKA	Terra Mystica	43.20 302	iP	05 55 21.7 -0.1	

MRB1	Monte Rocchett	43.23 294	P	05 55 23.4 +1.3	
CEL	Celeste	43.23 290	eP	05 55 21.8 -0.4	
CEL	comp-Z,573nm,1.7s,mb5.7		pP	05 56 02.9 -0.6	
TRI	Trieste	43.24 301	eP	05 55 22.2 0.0	
TRI			ePP	05 56 04.8 +1.3	
TRI			pmax		
TRI	comp-Z,34nm,0.8s,mb4.8		eP	05 55 22.2 0.0	
TRI	Trieste	43.24 301	eP	05 55 22.2 0.0	
TRI	comp-Z,34nm,0.8s,mb4.8		pP	05 56 04.8 +1.3	
CSSN	Cassano Irpino	43.25 294	P	05 55 24.2 +1.9	
TRO	Tromso	43.29 336	eP	05 55 22.2 0.0	
TRO			eS	06 01 33.1 +1.3	
TRO			SS	06 04 31.8 -1.5	
PSB1	Pescosannita	43.32 294	P	05 55 23.4 +0.5	
KBA	Koelnbreinsp	43.34 303	iP	05 55 23.1 +0.2	
SCLL	Scilla	43.37 290	P	05 55 23.7 +0.4	
WET	Wetzell	43.42 306	eP	05 55 23.8 +0.3	
WET	comp-Z,54nm,1.4s,mb4.8		pP	05 56 04.7 -0.2	
WET			ePP	05 55 23.8 +0.3	
WET			pP	05 56 04.7 -0.2	
WET			pmax		
PTCC	Patocco-Chiusa	43.42 302	P	05 55 23.5 -0.1	
COP	Copenhagen	43.43 315	iP	05 55 24.3 +0.8	
COP			iP	05 55 05.0 +0.1	
COP			pmax	06 01 41.5 +4.7	
COP	comp-Z,250nm,0.9s,mb5.6		pP	05 55 24.3 +0.8	
COP	Copenhagen	43.43 315	iP	05 55 24.3 +0.8	
COP	comp-Z,248nm,0.9s,mb5.6		iP	05 56 05.1 +0.2	
COP			S	06 01 41.5 +4.7	
MTTG	Motta San Giov	43.45 289	P	05 55 23.8 -0.1	
FRIM	Kepong	43.50 132	P	05 55 25.9 +1.3	
TANN	Tannenbergstha	43.57 308	eP	05 55 25.3 +0.6	
TANN	comp-Z,108nm,1.0s,mb5.1		pP	05 56 07.3 +1.2	
NKC	Novy Kostel	43.60 307	eP	05 55 25.7 +0.8	
NKC			ePP	05 56 07.5 +1.2	
NKC			eS	05 57 12.1	
NKC	Novy Kostel	43.60 307	eP	05 55 25.7 +0.8	
NKC			pP	05 56 07.5 +1.2	
NKC			PP	05 57 12.1 +1.9	
NKC			eS	06 01 44.4 +5.0	
NKC			SS	06 05 10.3 +8.5	
SGG	Gregorio Mates	43.60 304	eP	05 55 25.0 -0.1	
RJOB	Jochberg	43.63 294	eP	05 55 25.1 -0.1	
RJOB	comp-Z,50nm,1.0s,mb4.8		pP	05 56 06.6 0.0	
WERN	Wernitzgruen	43.64 308	eP	05 55 25.8 +0.6	
WERN	comp-Z,165nm,1.6s,mb5.1		pP	05 56 07.6 +0.9	
MIDA	Miranda	43.64 295	P	05 55 26.1 +0.7	
DGAR	Diego Garcia	43.65 178	eP	05 55 25.5 -0.2	
DGAR	comp-Z,357nm,0.9s,mb5.7		pP	05 55 25.5 -0.2	
DGAR	Diego Garcia	43.65 178	eP	05 55 25.5 -0.2	
GUNZ	Gunzen	43.66 308	eP	05 55 26.0 +0.6	
GUNZ	comp-Z,140nm,1.0s,mb5.2		pP	05 56 07.9 +1.1	
GUNZ			pP	05 56 30.7 +2.2	
GUNZ			PP	05 57 07.5 -1.5	
GUNZ			ePP	05 55 25.9 +0.4	
WERD	Werda	43.67 308	eP	05 55 26.5 +0.5	
WERD	comp-Z,130nm,1.0s,mb5.2		pP	05 55 26.7 +0.5	
AOI	Ancona	43.72 298	P	05 55 26.5 +0.5	
PLN	Plauen	43.76 308	eP	05 55 26.7 +0.5	
PLN	comp-Z,130nm,1.0s,mb5.2		pP	05 56 07.2 -0.5	
ROTZ	Rotzenmuehl	43.79 307	eP	05 55 27.3 +0.8	
ROTZ	comp-Z,175nm,1.2s,mb5.3		pP	05 56 08.3 +0.4	
MOR8	Moi Rana	43.83 331	iP	05 55 26.1 -0.4	
MOR8	comp-Z,823nm,0.6s,mb6.2		AMB	05 55 28.6	
MOR8			pP	05 56 07.2 -0.8	
MOR8	Moi Rana	43.83 331	iP	05 55 26.1 -0.4	
MOR8	comp-Z,823nm,0.6s,mb6.2		pP	05 55 28.1 +0.5	
RFI	Roccamontina	43.91 294	P	05 55 27.9 +0.2	
NEUB	Neuenburg	43.95 309	eP	05 55 27.9 +0.2	
NEUB	comp-Z,375nm,0.9s,mb5.7		P	05 55 27.0 -0.7	
ABTA	Abfaltersbach	43.95 302	iP	05 55 28.5 +0.4	
INCN	Inchon	43.97 71	eP	05 55 28.5 +0.4	
INCN	comp-Z,61nm,1.2s,mb4.8,SNR=18		P	05 55 28.3 +0.2	
INCN	Inchon	43.97 71	eP	05 55 28.3 +0.2	
INCN	SNR=16		P	05 55 28.1 +0.3	
STEI	Steigen	43.99 333	iP	05 55 29.1 +0.3	
STEI	comp-Z,251nm,0.8s,mb5.6		AMB	05 56 09.6 +0.4	
STEI			pP	05 55 27.9 -0.4	
YAK	Yakutsk	44.05 35c	iP	05 56 10.1 +0.3	
YAK			ePP	05 57 10.1 +0.3	
YAK			e	05 57 14.5	
YAK			eSS	05 57 58.3	
YAK			eS	06 01 44.6 -1.0	
YAK			eS	06 02 57.4 -1.0	
YAK			e	06 04 55.4	
YAK	comp-Z,305nm,0.9s,mb5.6		pmax		
YAK			pmax		
YAK	comp-N,26nm,0.9s		pmax		
YAK	comp-E,32nm,1.0s		pmax		
YAK	comp-Z,106nm,0.9s,mb5.2		pmax		
YAK	comp-N,58nm,1.1s		pmax		
YAK	comp-E,82nm,1.4s		smax		
YAK	comp-N,1um,1.8s		smax		
YAK	comp-E,2um,2.0s		smax		
YAK	Yakutsk	44.05 35	eP	05 55 28.0 -0.3	
YAK	comp-E,560nm,0.8s,mb6.0		pP	05 56 10.3 +0.5	
CING	Cingoli	44.05 298	P	05 55 28.9 +0.3	
MOX	MOX	44.09 308	eP	05 55 29.0 +0.1	
MOX	comp-E,224nm,1.1s,mb5.4		e	05 56 10.5 +0.1	
MOX			eS	0	

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KLR, HDH, BJO, EJO, MUD, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CDF, CDF, CDF, BBS, RUND, etc.

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











Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Holt Ranch, Hurst Farm, Coal Bank Pass, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LPAZ, LAZ, LAZ, etc.

ISC/JB 06 05:48:09.4, 0.5, 38.93N, 0.03, 26.67E, h2km, 7km, Error ellipse: s-maj=5.2km s-min=3.9km az=31.4 DDA 06 05:48:09.4, 38.94N, 26.67E, h7km, 6km, MD2.7, Error ellipse: s-maj=3.6km s-min=3.4km az=43.0 CSEM 06 05:48:09.6, 0.2, 38.93N, 26.66E, h5km, MD2.7, Error ellipse: s-maj=4.3km s-min=1.2km az=196.0 THE 06 05:48:09.6, 38.95N, 26.66E, h2km, MD2.3, Error ellipse: s-maj=4.3km s-min=1.2km az=196.0

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

ISC 06 06:11:42.9, 0.8, 7.70S, 119.04E, h0km, mb4.2/7, mb1.4/3/9, mb1mx4.1/20, mbtmp4.2/9, ML3.9/2, MS4.0/2, MS1.4/0.2, ms1mx3.2/28, Error ellipse: s-maj=49.4km s-min=16.6km az=63.0 ISC/JB 06 06:11:45.4, 0.5, 7.80S, 0.07, 119.0E, 0.1, h33km, mb4.4/12, MS4.3/2, Error ellipse: s-maj=16.6km s-min=8.0km az=153.5 NEIC 06 06:11:47.9, 0.5, 7.77S, 119.09E, h35km, mb4.5/4, Error ellipse: s-maj=18.7km s-min=8.4km az=68.0 ISC 06 06:11:47.8, 0.5, 7.80S, 0.07, 119.1E, 0.1, h35km, n26, s104/32, mb4.4/12, MS4.3/2, Flores Sea

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

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KURK, MAW, ABKAR, etc.

IDC 06 06:20:40.7, 2.9, 4.1, 70N, 141.66E, h64km, 26km, mb3.6/13, mb1.3/8/15, mb1mx3.7/24, mbtmp3.7/15, ML4.0/2, MS3.7/1, MS1.3/7/1, ms1mx2.9/26, Error ellipse: s-maj=20.0km s-min=15.4km az=115.0 ISC/JB 06 06:20:42.0, 0.3, 4.1, 78N, 0.03, 141.73E, 0.04, h87km, 2km, mb3.8/16, Error ellipse: s-maj=5.4km s-min=3.6km az=30.0 MOS 06 06:20:42.2, 1.0, 4.1, 81N, 141.69E, h96km, mb4.1/9, Error ellipse: s-maj=18.3km s-min=9.5km az=74.0 JMA 06 06:20:43.1, 0.1, 4.1, 77N, 141.70E, h77km, 2km, M3.8 Broadband fault plane solution: P waves. NP1: 0.102, 0.0000, 0.34, 0.0000, 0.72, 0.0000. NP2: 0.261, 0.0000, 0.58, 0.0000, 0.72, 0.0000. Principal axes: T Ptg12.0000, Azm359.0000, N Ptg10.0000, Azm267.0000, P Ptg74.0000, Azm139.0000, JMA Fell II J1, NEIC 06 06:20:43.2, 4.1, 77N, 141.70E, h77km, mb4.2/1, After JMA

NEIC Recorded [2 JMA] in Amori, Honshu, also recorded [1 JMA] in southern Hokkaido. ISC 06 06:24:29.0, 3.1, 4.1, 79N, 0.03, 141.72E, 0.04, h82km, 2km, n61, s08/88/80, mb3.8/16, 8C-8D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KJB, JOT, JNB, etc.





WMQ	comp=E,270nm,15.0s,MS4.3	LR	LR						
WMQ	comp=Z,190nm,15.0s,MS4.1	LR	LR						
ZALV	Zalesovo Beam 42.89 314 P	P	P	07 37 12.3	-0.4				
ZALV	comp=Z,5.1nm,0.5s,mb4.5,baz=92,slow=7.0,SNR=13	PcP	PcP	07 39 03.3	+0.1				
ZALV	comp=Z,1.1nm,0.4s,baz=57,slow=5.3,SNR=2.7	LR	LR	07 55 54.9					
ZALV	Zalesovo Beam 42.89 314 P	P	P	07 37 12.3	-0.5				
ZALV	comp=Z,5.0nm,0.5s,mb4.5	pmax	pmax						
ZALV	comp=Z,1.1nm,18.3s,MS3.8	MLR	MLR						
NVS	Novosibirsk 43.85 315 eP	P	P	07 37 19.1	-1.4				
NVS	comp=Z,1.1nm,1.2s,mb4.5	pmax	pmax						
NVS	comp=Z,8.0nm,1.1s,mb4.4	pmax	pmax						
MK31	Makanchi Array 44.82 304 i P	P	P	07 37 27.9	-0.5				
MK31	comp=Z,8.0nm,0.7s,mb4.7	pmax	pmax						
MK31	Makanchi Array 44.82 304 eP	P	P	07 37 28.0	-0.4				
MKAR	Makanchi Array 44.82 304 P	P	P	07 37 27.9	-0.5				
MKAR	comp=Z,5.1nm,0.6s,mb4.6,baz=86,slow=8.8,SNR=31	LR	LR	07 56 56.7					
MKAR	Makanchi Array 44.82 304 eP	P	P	07 37 28.2	-0.2				
MKAR	comp=Z,2.58nm,18.5s,MS4.2,baz=93,slow=37	LR	LR						
TAPN	Taplejung 45.80 275 eP	P	P	07 37 35.8	-0.6				
ODAN	Odare 46.26 275 eP	P	P	07 37 39.6	-0.4				
ODAN	comp=Z,1.6nm,0.4s,mb5.3	P	P	07 37 43.5	-0.4				
KURK	Kurchatov 46.79 309 P	P	P	07 37 43.5	-0.4				
KURK	comp=Z,8.8nm,0.5s,mb4.9,baz=85,slow=8.0,SNR=32	P	P	07 37 43.1	-0.8				
KURK	Kurchatov 46.79 309 i P	P	P	07 37 43.1	-0.8				
KURK	comp=Z,4.4nm,1.7s,mb5.1	pmax	pmax						
KURK	Kurchatov 46.79 309 eP	P	P	07 37 43.2	-0.7				
KURK	comp=Z,2.8nm,1.0s,mb5.1	pmax	pmax						
RAMN	Ramite 46.86 276 eP	P	P	07 37 44.5	-0.3				
RAMN	comp=Z,3.9nm,0.6s,mb5.5	P	P	07 37 46.7	+0.4				
GUN	Gumba 47.06 277 eP	P	P	07 37 49.8	-0.6				
GUN	comp=Z,2.9nm,0.5s,mb5.3	P	P	07 37 52.2	+0.1				
PKI	Pulchoki 47.58 277 eP	P	P	07 37 53.6	-0.3				
DMN	Daman 47.81 277 eP	P	P	07 37 56.4	-0.5				
DMN	comp=Z,1.1nm,0.4s,mb5.2	P	P	07 37 56.1	-0.8				
GKN	Gorkha 48.03 278 eP	P	P	07 37 57.8	0.0				
GKN	comp=Z,3.7nm,0.8s,mb5.3	P	P	07 37 56.4	-0.5				
KAKA	Kakadu 48.44 191 eP	P	P	07 37 56.4	-0.5				
KAKA	comp=Z,8.8nm,0.6s,mb5.0	P	P	07 37 56.1	-0.8				
KAKA	Kakadu 48.44 191 eP	P	P	07 37 56.4	-0.5				
KAKA	comp=Z,2.0nm,0.5s,mb4.4	P	P	07 37 57.8	0.0				
KDAK	Kodiak Island 48.59 41 P	P	P	07 37 58.2	+0.5				
KDAK	comp=Z,2.6nm,0.6s,mb4.6,baz=271,slow=3.0,SNR=6.8	P	P	07 37 57.9	+0.2				
KDAK	Kodiak Island 48.59 41 i P	P	P	07 37 58.2	+0.5				
KDAK	Kodiak Island 48.59 41 P	P	P	07 37 57.9	+0.2				
DANN	Dangsig 48.60 279 eP	P	P	07 37 58.5	+0.2				
DANN	comp=Z,5.0nm,0.6s,mb5.7	pmax	pmax						
KOLN	Koldanda 48.97 278 eP	P	P	07 38 01.8	+0.7				
KOLN	comp=Z,9.7nm,0.5s,mb5.1	P	P	07 38 02.1	+0.7				
COEN	Coen 49.02 177 eP	P	P	07 38 02.3	+0.9				
COEN	comp=Z,5.8nm,0.7s,mb5.7	pmax	pmax						
TKM2	Tokmak 2 50.22 300 eP	P	P	07 38 10.0	-0.4				
TKM2	comp=Z,10.0nm,0.5s,mb5.1	pmax	pmax						
TKM2	Tokmak 2 50.22 300 eP	P	P	07 38 10.0	-0.4				
TKM2	comp=Z,9.9nm,0.5s,mb5.1	pmax	pmax						
COLA	College 50.70 31 eP	P	P	07 38 13.7	0.0				
COLA	comp=Z,3.0nm,0.8s,mb4.3	pmax	pmax						
COLA	College 50.70 31 eP	P	P	07 38 13.7	0.0				
COLA	comp=Z,3.2nm,0.8s,mb4.3	pmax	pmax						
KBK	Karagaybulak 50.75 299 eP	P	P	07 38 15.4	+1.0				
KBK	comp=Z,2.7nm,0.8s,mb4.3	P	P	07 38 18.4	+3.0				
KSH	Kashi 50.87 295 eP	P	P	07 38 22.9	-0.9				
KSH	comp=Z,3.0nm,0.3s,mb4.7	LR	LR	07 38 24.5	-2.6				
KSH	comp=N,150nm,7.1s	LR	LR	07 39 34.2	+2.9				
KSH	comp=E,140nm,7.2s	LR	LR	07 43 29.0	+3.0				
KSH	comp=Z,2.20nm,7.1s	LR	LR	07 43 30.7	+1.5				
AAK	Ala-Archa 51.08 300 i P	P	P	07 45 34.2	+4.3				
AAK	comp=Z,5.0nm,1.0s,mb4.4	pmax	pmax	07 48 05.5	+1.4				
AAK	Ala-Archa 51.08 300 eP	P	P	07 49 06.4	+1.9				
AAK	comp=Z,9.7nm,0.9s,mb4.7	pmax	pmax						
ILAR	Eielson Array 51.12 32 P	P	P	07 38 16.7	-0.2				
ILAR	comp=Z,1.3nm,0.5s,mb4.1,baz=264,slow=6.1,SNR=35	P	P	07 38 16.7	-0.1				
ILAR	Eielson Array 51.12 32 P	P	P	07 38 16.7	-0.1				
ILAR	comp=Z,1.0nm,0.5s	pmax	pmax						
VOSK	Vostochnaya 51.24 313 P	P	P	07 38 16.9	-1.0				
VOSK	comp=Z,1.5nm,1.2s,mb4.8	pmax	pmax						
BRVK	Borovoye 51.60 313 i P	P	P	07 38 20.0	-0.6				
BRVK	comp=Z,2.6nm,2.5s,mb4.7	pmax	pmax						
BRVK	Borovoye 51.60 313 eP	P	P	07 38 20.4	-0.2				
BRVK	comp=Z,8.4nm,0.9s,mb4.7	pmax	pmax						
ZRNK	Zerenda 52.38 313 P	P	P	07 38 25.3	-1.1				
ZRNK	comp=Z,3.4nm,1.3s,mb5.1	pmax	pmax						
MEANT	Mentasta 52.63 34 eP	P	P	07 38 29.5	+1.4				
EGENT	Eagle 53.57 31 eP	P	P	07 38 29.5	0.0				
EGENT	comp=Z,1.5nm,0.6s,mb4.1	P	P	07 38 36.8	0.0				
BR31	Karatay Array 53.76 301 P	P	P	07 38 37.1	+0.3				
BR31	comp=Z,6.0nm,0.7s,mb4.6	pmax	pmax						
KKAR	Karatay Array 53.76 301 eP	P	P	07 38 37.1	+0.3				
KKAR	comp=Z,2.8nm,1.1s,mb5.1	pmax	pmax						
KKAR	Karatay Array 53.76 301 eP	P	P	07 38 37.1	+0.3				
KKAR	comp=Z,2.8nm,1.1s,mb5.1	pmax	pmax						
FITZ	Fitzroy Crossi 55.08 198 eP	P	P	07 38 46.5	0.0				
FITZ	comp=Z,6.6nm,0.5s,mb4.9	P	P	07 38 46.6	+0.1				
FITZ	Fitzroy Crossi 55.08 198 eP	P	P	07 38 47.1	-0.9				
FITZ	comp=Z,1.9nm,1.3s,mb4.9	P	P	07 38 47.0	-1.0				
WB2	Warramunga Arr 55.30 188 eP	P	P	08 00 49.5					
WB2	comp=Z,1.6nm,0.8s,mb5.1,baz=44,slow=7.7,SNR=173	LR	LR						
WRA	Warramunga Arr 55.30 188 P	P	P						
WRA	comp=Z,1.37nm,20.3s,MS4.0,baz=250,slow=34	LR	LR						
INK	Inuvik 56.07 27 eP	P	P	07 38 53.0	0.0				
INK	comp=Z,2.5nm,1.0s,mb4.2,baz=288,slow=8.4,SNR=5.8	P	P	07 38 53.0	0.0				
INK	Inuvik 56.07 27 eP	P	P	07 38 53.0	0.0				
INK	comp=Z,2.0nm,0.5s	pmax	pmax						
INK	Inuvik 56.07 27 eP	P	P	07 38 53.0	0.0				
INK	comp=Z,2.4nm,0.5s,mb4.7	pmax	pmax						
SVE	Sverdlovsk 56.27 319 i P	P	P	07 38 55.1	+0.5				
SVE	comp=Z,1.7nm,1.1s,mb5.0	pmax	pmax						
ARU	Arti 57.48 319 i P	P	P	07 39 03.0	-0.2				
ARU	comp=Z,3.3nm,1.2s,mb5.2	pmax	pmax	07 41 08.1					
ARU	Arti 57.48 319 eP	P	P	07 46 59.9	+1.4				
ARU	comp=Z,2.6nm,1.0s,mb5.7	pmax	pmax	07 50 47.1	-0.8				
ARU	Arti 57.48 319 eP	P	P	07 39 03.2	0.0				
ARU	comp=Z,2.6nm,1.0s,mb5.7	pmax	pmax	07 39 05.4	-0.3				
KBL	Kabul 57.78 292 eP	P	P	07 39 05.4	-0.3				
KBL	comp=Z,5.0nm,0.6s,mb4.7	pmax	pmax	07 39 12.3	-0.6				
KBL	Kabul 57.78 292 eP	P	P	07 39 12.3	-0.6				
KBL	comp=Z,4.8nm,0.6s,mb4.7	pmax	pmax	07 39 12.5	-0.4				
AB31	Akbulak array 58.85 311 P	P	P						
AB31	comp=Z,4.0nm,0.4s,mb4.8	pmax	pmax						
ABKAR	Akbulak array 58.85 311 eP	P	P	07 39 12.5	-0.4				
ABKAR	comp=Z,4.5nm,0.4s,mb4.8	pmax	pmax						

ASAR	Alice Springs 59.03 188 P	P	P	07 39 13.7	-0.6				
ASAR	comp=Z,1.9nm,0.5s,mb4.4,baz=90,slow=9.0,SNR=47	P	P						
ASAR	Alice Springs 59.03 188 P	P	P	07 39 13.7	-0.7				
ASAR	comp=Z,2.0nm,0.5s	pmax	pmax						
MBWA	Marble Bar 59.68 203 eP	P	P	07 39 19.6	+0.7				
MBWA	comp=Z,1.4nm,0.9s,mb5.0	pmax	pmax						
KBS	Kingsbay 62.32 350 i P	P	P	07 39 36.2	0.0				
KBS	comp=Z,1.1nm,1.0s,mb4.9	pmax	pmax						
LVZ	Lovozero 63.58 336 i P	P	P	07 39 41.2	-3.5				
LVZ	comp=Z,9.1nm,2.5s,mb5.4	pmax	pmax						
KLMR	Klimovskoe 65.07 328 eP	P	P	07 39 39.8	-1.5				
KLMR	comp=Z,1.9nm,1.7s,mb4.8	pmax	pmax						
YKA	Yellowknife Ar 65.46 30 P	P	P	07 39 56.8	-0.2				
YKA	comp=Z,0.7nm,0.7s,mb3.8,baz=301,slow=6.4,SNR=3.2	P	P						
ARCES	ARCCESS Array B 65.52 340 P	P	P	07 39 57.5	+0.2				
ARCES	comp=Z,5.5nm,0.6s,mb4.6,baz=59,slow=7.4,SNR=8.4	LR	LR	08 14 16.3					
STKA	Stevens Creek 66.82 180 P	P	P	07 40 06.1	+0.1				
STKA	comp=Z,1.1nm,0.5s,mb4.2,baz=18,slow=9.6,SNR=7.3	P	P						
JOF	Joensuu 67.36 322 eP	P	P	07 40 07.8	-1.4				
JOF	comp=Z,3.0nm,0.5s,mb4.6	pmax	pmax						
JOF	Joensuu 67.36 322 eP	P	P	07 40 07.8	-1.4				
JOF	comp=Z,3.0nm,0.5s,mb4.6	pmax	pmax						
OBN	Obninsk 69.32 324 i P	P	P	07 40 21.4	-0.2				
OBN	comp=Z,8.0nm,0.5s,mb4.9	pmax	pmax						
OBN	comp=Z,200nm,15.0s,MS4.5	MLR	MLR						
KAF	Kangasniemi 69.72 333 eP	P	P	07 40 22.6	-1.3				
KAF	comp=Z,4.0nm,0.6s,mb4.5	pmax	pmax						
KAF	Kangasniemi 69.72 333 eP	P	P	07 40 22.6	-1.3				
KAF	comp=Z,3.5nm,0.6s,mb4.5	pmax	pmax						
FINES	FINESS Array B 70.22 332 P	P	P	07 40 26.1	-0.9				
FINES	comp=Z,7.7nm,0.9s,mb4.7,baz=46,slow=8.0,SNR=13	LR	LR	08 15 39.4					
FINES	FINESS Array B 70.22 332 P	P	P	07 40 26.1	-0.9				
FINES	comp=Z,1.56nm,19.2s,MS4.3,baz=165,slow=40	MLR	MLR						
FINES	comp=Z,8.0nm,0.9s	pmax							



Table with columns: BRG, SNR, Name, Az, El, Az, El, Az, El, Az, El. Includes stations like RUE Ruedersdorf, GKP Gorka Klasztor, FBG Freiberg, etc.

Table with columns: KOLL, Name, Az, El, Az, El, Az, El, Az, El. Includes stations like KOLL Kolacno, NEDZ Nedzica, ZST Bratislava, etc.

Table with columns: DAVA, Name, Az, El, Az, El, Az, El, Az, El. Includes stations like DAVA comp-Z,51nm,0.8s, BFO Black Forest, etc.

NEIC 06:08:28:59.9, 18:72N-67:40W, h12km, MD3.1 (RSPR), RSPR 06:08:28:59.9, 18:72N-67:40W, h12km, MD3.1/14, 10C-5D, Mona Passage

6d 10h

Table with columns: MPR, LSP, LRS, AOPR, ACPR, CRPR, IMO, CELP, OBIP, ICIM, SJJG, HUMF, SMNT, STVI, SDDR. Includes station names like Mayaguez, Las Mesas, Lares, etc.

IDC 06 08:51:26.3.0.0, 20.37Sx179.18W, h603km, 81km, mb2.9/5, mb1 3.2/5, mb1mx2.9/17, mbtmp2.9/5, Error ellipse: s-maj=123.3km s-min=32.9km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Charters Tower, Alice Springs, Warramunga Arr, etc.

IDC 06 09:11:45.0.5.0, 9.72N, 121.98E, h0km, mb4.2/20, mb1 4.3/20, mb1mx4.2/26, mbtmp4.2/20, MS3.6/6, Ms1 3.6/6, ms1mx3.2/25, Error ellipse: s-maj=22.8km s-min=11.0km az=72.0

B 06 09:11:45.0.9.70N, 122.00E, h15km, mb4.8/6, mb4.6/8, MAN 06 09:11:45.0.9.74N, 121.90E, h1km, mb4.6, ML3.5, MS3.4, NEIC 06 09:11:50.7.0.2, 9.69N, 121.96E, h35km, mb4.5/4, Error ellipse: s-maj=11.6km s-min=4.8km az=67.0

ISC 06 09:11:46.2.1.6, 9.72N, 121.82E, h0km, 10km, n67, 0.09/64, mb4.3/31, MS3.5/5, ID, Sulu Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jordan, Cuyo Island, Sibulan, Tagbilaran, etc.

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

2008 SEP

Table with columns: AKTK, AKTO, COLR, ILAD, BRTR, ARCES, FINESSE, DAWY, BUR08, TXAR, BCIP. Includes station names like Aktyubinsk, Coldfoot, Eielson Array, etc.

NEIC 06 09:18:47.8.1.5, 14.94N, 95.01W, h16km, MD4.1 (MEX), After MEX

MEX 06 09:18:47.8.1.5, 14.93N, 95.02W, h16km, 35km, MD4.1, Off coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Huatulco, PCIG, TGIG, VHO, VHO, VHO, etc.

IDC 06 09:20:43.4.0.8, 31.12N, 103.67E, h0km, mb3.9/8, mb1 4.0/10, mb1mx3.8/25, mbtmp3.9/10, ML4.1/2, MS3.2/1, Ms1 3.2/1, ms1mx2.4/27, Error ellipse: s-maj=29.1km s-min=16.7km az=58.0

B 06 09:20:44.1.31.21N, 103.68E, h14km, mb4.3/3, ML3.9/20, MS3.9/5, Ms7.3/5.4

NEIC 06 09:20:45.0.6.3, 31.15N, 103.68E, h10km, mb4.3/2, Error ellipse: s-maj=14.8km s-min=10.2km az=54.0

ISC 06 09:20:44.5.0.9, 31.23N, 103.03, 103.56E, 0.05, h6km, 6km, n26, 0.15/14/34, mb3.9/10, Sichuan

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

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

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ISCJB 06 09:39:37.6.0.8, 31.35N, 103.78E, 0.08, h1km, 6km, mb3.5/6, Error ellipse: s-maj=11.4km s-min=5.2km az=7.6
IDC 06 09:39:38.0.1.2, 31.04N, 103.49E, h0km, mb3.5/6, mb1 3.6/7, mb1mx3.5/23, mbtmp3.5/7, ML3.9/1, Error ellipse: s-maj=38.3km s-min=21.6km az=60.0
BUJ 06 09:39:38.3.1.27N, 103.65E, h14km, ML3.5/13, Ms7.2/1
NEIC 06 09:39:39.4.0.7, 31.02N, 103.39E, h10km, mb3.6/1, Error ellipse: s-maj=19.5km s-min=10.6km az=223.0
ISC 06 09:39:40.0.0.8, 31.29N, 103.03, 103.67E, 0.07, h8km, 6km, n13, 0.18/17/18, mb3.5/6, Sichuan

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

BUIC 06 09:49:37.9.13.0, 44.88N, 25.45E, h5km, MD2.1/1, 3C-9D, Error ellipse: s-maj=110.0km s-min=41.5km az=11.0, Romania

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

MAN 06 10:35:35, 11.03N, 124.67E, h2km, mb4.0, ML2.8, MS2.5, Leyte

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

IDC 06 10:40:29.0.7.1, 15.36S, 173.01W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.5/20, mbtmp3.7/3, ML2.4/1, Error ellipse: s-maj=294.1km s-min=27.8km az=136.0, Tonga Islands

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

CRAAG 06 10:47:08.6, 36.90N, 3.29E, M3.1, CSEM 06 10:47:09.6.0.4, 36.90N, 3.36E, h5km, mb3.9/5, Error ellipse: s-maj=13.1km s-min=6.8km az=79.0

MDD 06 10:47:10.2.0.8, 36.93N, 3.30E, h0km, mb4.0/5, Error ellipse: s-maj=9.7km s-min=5.4km az=87.0, PRIMO

NEIC 06 10:47:15.3, 37.26N, 3.18E, h0km, MG3.5(MDD), After MDD

ISC 06 10:47:11.1.1.0, 30.70N, 101.1x3.2E, 0.1, h13km, 16km, n52, 0.15/27/81, Northern Algeria

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

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

ICD 06 11:05:51.4-1.8, 15.065:70.078, h124km, 19km, mb3.1/4, mb1 3.5/5, mb1mx3.3/19, mbtmp3.2/5, MS2.3/1, Ms1 2.3/1, ms1mx1.9/12, Error ellipse: s-maj=45.4km s-min=30.3km az=46.0, Southern Peru

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

MAN 06 11:06:54, 14.00N-120.31E, h67km, mb4.2, ML3.0, MS2.8, 2D, Luzon

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

ISCJB 06 11:07:22.1-0.6, 35.35S:01:11:22W, 0.2, h10km, mb4.1/14, MS3.1/3, Error ellipse: s-maj=29.6km s-min=13.1km az=166.2

ICD 06 11:07:22.4-0.7, 35.12S:111:22W, h0km, mb3.8/7, mb1 4.1/7, mb1mx4.0/18, mbtmp3.8/7, MS3.1/3, Ms1 3.2/3, ms1mx3.0/27, Error ellipse: s-maj=31.6km s-min=20.6km az=82.0

NEIC 06 11:07:24.0-0.5, 35.16S:111:25W, h10km, mb4.6/7, Error ellipse: s-maj=20.1km s-min=11.9km az=76.0

ISC 06 11:07:24.0-0.6, 35.35S:01:11:22W, 0.2, h10km, n25,

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

ISCJB 06 11:10:35.9-0.7, 9.74N:007:121.85E, 0.05, h43km, 16km, mb4.0/3, Error ellipse: s-maj=11.2km s-min=8.8km az=18.8

MAN 06 11:10:35.9:73N:121.83E, h28km, mb4.5, ML3.4, MS3.3 ICD 06 11:11:47.8:7.8, 1.56N:124.21E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/19, mbtmp3.9/3, Error ellipse: s-maj=166.8km s-min=120.9km az=63.0

ISC 06 11:10:36.1-2.2, 9.77N:007:121.86E, 0.05, h27km, 20km, n13, -0.74/17, mb4.0/3, 1C, Sulu Sea

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

BUI 06 11:25:53.8, 49.90N:130.10W, h10km, mb5.1/21, mb4.8/32, Ms4.8/19, Ms7.4/5/19

ICD 06 11:25:54.8, 0.6, 49.66N:130.40W, h0km, mb4.4/17, mb1 4.5/26, mb1mx4.5/33, mbtmp4.4/26, ML3.8/8, MS4.2/32, Ms1 4.2/32, ms1mx4.2/37, Error ellipse: s-maj=16.4km s-min=10.4km az=48.0

ISCJB 06 11:25:55.4-1.1, 49.87N:003:130.06W, 0.04, h7km, 7km, mb4.7/63, MS4.4/38, Error ellipse: s-maj=5.5, 3km s-min=3.4km az=38.5

MOS 06 11:25:55.1-1.0, 49.78N:130.24W, h10km, mb5.0/22, Error ellipse: s-maj=11.9km s-min=6.0km az=118.0

PGC 06 11:25:57.1-4.1, 49.71N:130.08W, h10km, ML4.0/13, Mw4.9, 2.19km Wsw of Pt. Hardy, Bc Vancouver Island Region

NEIC 06 11:25:57.8-0.3, 49.87N:130.08W, h10km, mb4.9/26, Mw4.9(PGC), Error ellipse: s-maj=7.6km s-min=3.2km az=44.0

GCMT 06 11:25:58.4-0.2, 49.58N:130.35W, h13km, 1km, MWV.0, Moment Tensor Solution. s29, c38; s79, c131; Moment tensor: Scale 1018Nm; Mr0.054E; Lr; Mw0.300E; Lr; Mw0.245E; Lr; Mw0.532E; 25; Mw0.257E; 10; Mw0.49E; 24; Best double couple: M3.80000E; 1016; NP1.355.00000E; 8.740.000E; 1.74.0000E; NP2.247.0000E; 8.84.00000E; 1.1.00000E; Principal axes: T=3.6100, Plg12.0000; P=-4.021, Plg4.0000; N=0.4300, Plg77.0000; Azm274.0000; P=

ISC 06 11:25:58.6-1.2, 49.92N:003:130.03W, 0.04, h16km, 8km, h13km, 1.0km, pp-P, n187, s129/179, mb4.7/63, MS4.4/38, SC-11D, Vancouver Island region

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

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



Table with columns for station name, frequency, power, and other technical details. Includes stations like JIZZ, JSZ, JOW, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like NST, Nakhon Sawan, KSM, etc.





Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Includes entries like D13A Huson, A15A Johnson Ranch, B14A Marquette Ranc, etc.

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Includes entries like Q10A Clear Creek Ra, P11A Circle Ranch, G17A Pierce Place, etc.

Table with columns: X20A, Name, Az, El, P, Az, El, P, Az, El, P. Includes entries like X20A Quemado, R24A Sanders Place, SDCO Great Sand Dun, etc.

ISCJB 06 11:56:38.301 6.39:83N.0:03:23.83E.0:05, h8km, 5km, Error ellipse: s-maj=7.1km s-min=4.3km az=174.2 THE 06 11:56:38.5, 39:84N:23:87E, h6km, 1km, ML2.5/4, Error ellipse: s-maj=2.0km s-min=1.1km az=223.0 ATH 06 11:56:38.5, 39:85N:23:86E, h6km, 3km, MD2.7/4 CSEM 06 11:56:38.5, 0.2, 39:84N:23:80E, h10km, ML2.5/4, Error ellipse: s-maj=5.8km s-min=4.4km az=91.0 ISC 06 11:56:38.7, 0.6, 39:84N.0:03:23.81E.0:06, h14km, 5km, n22, c075/35, Aegean Sea

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries like PAIG Paliouri, PAIG Paliouri, PAIG Paliouri, etc.







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

ISCJB 06 14:39:28.2,0.4,38.63N,0.03:21.51E,0.04,h9km,5km, Error ellipse: s-maj=5.2km s-min=4.4km az=137.6

CSEM 06 14:39:28.3,0.4,38.64N,0.02:21.52E,0.04,h9km,MD3.0, Error ellipse: s-maj=4.8km s-min=4.3km az=91.0

ATH 06 14:39:28.2,38.63N,21.54E,h17km,2km,MD3.0/10 THE 06 14:39:28.5,38.63N,21.54E,h0km,3km,ML2.1/0, Error ellipse: s-maj=3.1km s-min=0.9km az=302.0

ISC 06 14:39:28.6,0.5,38.64N,0.02:21.52E,0.03,h11km,5km, n40,c093/65,Greece

Main table for Greece stations including Evrytania, Efpalio, University Cam, etc.

ISC 06 14:40:29.1,4.6,21.72N,143.341E,h293km,30km,mb2.9/3, mb1 3.1/4,mb1mx2.7/24,mbtmp3.0/4, Error ellipse: s-maj=240.3km s-min=23.5km az=87.0, Mariana Islands region

Table for Mariana Islands region stations including Chichi jima, Warramunga Arr, ASAR, etc.

ISK 06 14:43:01.4,35.45N,27.03E,h10km,MD3.4 ISCJB 06 14:43:03.0,1.4,35.43N,0.04:27.50E,0.04,h9km,10km, Error ellipse: s-maj=7.6km s-min=4.2km az=158.4

THE 06 14:43:02.8,35.43N,27.51E,h0km,2km, Error ellipse: s-maj=4.7km s-min=1.5km az=151.0

CSEM 06 14:43:03.1,0.3,35.42N,27.46E,h0km,MD3.4, Error ellipse: s-maj=8.6km s-min=4.4km az=158.0

ISC 06 14:43:04.0,0.1,35.47N,0.04:27.46E,0.04,h9km,7km, n46,c1913/60,Decadence Islands

Main table for Decadence Islands stations including Arkhangelos, Zakros, Datca, etc.

Table for Southeast of Hauri stations including GOLH, DNZL, KORT, etc.

JMA 06 14:53:13.6,0.1,30.07N,141.78E,h72km,M3.8, Southeast of Hauri

Table for Southeast of Hauri stations including CBJJ, JHUJ, BS01, etc.

ISCJB 06 15:10:49.1,0.7,4.08N,0.08:127.7E,0.1,h100km, mb4.0/10, Error ellipse: s-maj=21.6km s-min=10.8km az=163.6

NEIC 06 15:10:50.6,0.8,4.08N,127.77E,h100km,mb4.2/2, Error ellipse: s-maj=23.0km s-min=10.3km az=64.0

IDD 06 15:10:51.2,3.3,4.12N,127.88E,h106km,31km,mb3.6/8, mb1 3.7/8,mb1mx3.5/21,mbtmp3.6/8, Error ellipse: s-maj=43.9km s-min=12.9km az=71.0

ISC 06 15:10:51.1,0.7,4.03N,0.08:127.7E,0.1,h100km,n11,c088/12,mb4.0/10,Talau Islands

Main table for Talau Islands stations including KSM, FITZ, WRA, MBWA, ASAR, etc.

ISC 06 15:10:12.4,0.3,31.47N,141.70N,0.04:99.77E,0.04,h10km, s-min=4.6km az=163.6

NEIC 06 15:30:12.7,0.5,31.38N,99.95E,h10km,mb3.8/6, Error ellipse: s-maj=11.5km s-min=9.9km az=218.0

BUI 06 15:30:15.2,31.49N,99.82E,h13km,mb4.4/1,mb4.0/3, ML3.9/10,MS3.9/7,M3.7/7

ISC 06 15:30:14.0,0.3,31.55N,0.03:99.84E,0.03,h10km,n43,c1932/50,mb3.9/16,MS3.1/5,Sichuan

Table for Sichuan stations including CD2, CD2, CD2, etc.

Main table for Sichuan stations including Lanzhou, Kunming, LSHA, etc.

Table for Turkey stations including GTA, XAN, XAN, etc.

MEX 06 15:34:17.3,0.8,15.55N,93.39W,h97km,7km,MD3.6, Near coast of Chiapas

Main table for Turkey and Mexico stations including PCIG, TGIG, Comitan, Huatulo, etc.

ISC 06 15:36:22.3,0.7,41.70N,35.11E,h2km,MD2.4, Error ellipse: s-maj=12.8km s-min=8.4km az=32.0

ISK 06 15:36:23.2,41.65N,35.00E,h14km,MD2.4 DDA 06 15:36:28.9,41.71N,34.95E,h7km,12km,MD2.8

ISC 06 15:36:22.1,1.5,41.71N,0.06:35.13E,0.08,h2km,8km, n18,c074/29,Turkey

Main table for Turkey and Mexico stations including BOYT, BOYT, BOYT, etc.

ISCJB 06 15:36:37.5,0.6,37.90N,0.03:27.06E,0.05,h5km,6km, Error ellipse: s-maj=7.3km s-min=4.0km az=163.2

DDA 06 15:36:37.5,37.92N,27.09E,h7km,4km,MD3.0 ISK 06 15:36:37.1,37.91N,27.02E,h8km,MD2.8

CSEM 06 15:36:37.0,2.7,37.91N,27.04E,h8km,MD2.8, Error ellipse: s-maj=4.2km s-min=2.5km az=75.0

ISC 06 15:36:38.0,0.5,37.91N,0.03:27.06E,0.05,h7km,7km, n28,c054/40,Turkey













Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Delamar Landin, Corn Creek, Sevier Lake, Shoshoni, North Lilly Min, Moffitt Pass, Big Trails, Leamington, Lysite, Sheep Range, Holt Ranch, Midwest, Alcova, Gutscher Ranch, Castle Valley, Preston Nutter, Casper, Rawlins, Teasdale, San Rafael, San Rafael, Separation Pea, Spence Gulch, Mt Trumbull, Weppner Ranch, Red Dirt Ranch, Ellis Ranch, Cripple Cowboy, Hogan Spring, Black Ridge, Canyonlands, NORFAR Subarra, NORFAR Array B, Seligman, Warramunga Arr, Warramunga Arr, Warramunga Arr, Hagfors, Hagfors, Tuba City, Mexican Hat, Harvey Farm, Fitzroy Crossi, Lamborn Mesa, Poona, Snowmass, Humboldt, Disappointment, Cimarron, Crested Butte, Idaho Springs, Idaho Springs, Karad, Coal Bank Pass, Lo Mia Camp, Ganado, Dine' College, Saguache, 4UR Ranch, Forest Lakes, Edith, Bedlam, Great Sand Dun, St. Johns, Quemado, El Rito, Roberts Cordova, Hornack Ranch, Alamocita Cree, Alice Springs, Alice Springs, Albuquerque, Albuquerque, Agudilla, PR.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Albuquerque, Circle Dot, U Bar Ranch, White Tail Can, Douglas, Playas Peak, Lovelace Mesa, X Bar L Ranch, Schefferville, Capitan, Marble Bar, Mesa, Roswell, Caprock, Causey, Gardner Draw, Amarillo, Coronados Mount, Tatum, Bucofina Ar, S, Malaga, Ostrava-Krasno, Indio Mountain, Dobruska-Polom, Colim, Colim, Panska Ves, Wristen Ranch, Pruhonice, Mary Lane Ranch, Treast, Woodward Ranch, Novy Kostel, Big Bend Ranch, Cox Ranch, San, Lajitas Arr, Terlingua Ranch, Kasperse Hory, Kasperse Hory, Keskin Arr, Keskin Arr, Black Gap, Stephens Creek, Stephens Creek, Pomarioro Re, Jabal al Asfar, Mount Meron, Papeete, Papeete, Tubuai, Valguenera, Brasilia, Brasilia, Paso Flores, Paso Flores, La Paz, La Paz, Villa Florida, Villa Florida, Siv, Siv, Toronqui, Toronqui, Paso Flores, Paso Flores, Brasilia, Brasilia, Agudilla, PR.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Waverly, Mount Ida, South Pole Qui, Albuquerque, Great Sand Dun, Mina Array Bea, Yellowknife Arr, South Pole Qui, Alice Springs, Warramunga Arr, Petk, Zalesovo Beam, Makanchi Array, Makanchi Array, Matsushiro Arr, ISCJB 06 18:49:24.8, IDC 06 18:49:24.6, NEIC 06 18:49:24.5, ISC 06 18:49:26.5, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Honiara, Honiara, Honiara, Port Moresby, Charters Tower, Charters Tower, Warramunga Arr, Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, CMAR Chiang Mai Arr, CHTO Chiang Mai, Gaotai, Gaotai, Sonm, Sonm, LSA Lhasa, GSPA South Pole Qui, ILAR Gielson Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, EGAG Eagle, NVAR Mina Array Bea, TORD Torodir Arr, SKHL 06 19:00:01.9, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error.

Table with 4 columns: EKMR, Azimuth, Elevation, Time. Rows include EKMR 8.0nm,0.5s and 5.0nm,0.5s.

IDC 06 19:14:23.8±1.9, 0.55N, 125.43E, h0km, mb3.5/4, mb1.3/7.4, m1mx3.4/19, mbtm3.6/4, Error ellipse: s-maj=17.1km s-min=26.6km az=64.0

ISCBJ 06 19:14:28.9±1.0, 1.0N, 101.126±18E±0.06, h64km±12km, mb3.7/4, Error ellipse: s-maj=21.1km s-min=10.2km az=9.9

DJA 06 19:14:29.0±0.98N, 126.13E, h22km, MLv3.7/4, ISC 06 19:14:29.7±1.0, 0.9N, 101.126±19E±0.07, h52km±14km, n9, c0559/11, mb3.7/4, Northern Moloua Sea

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TNTI Ternate, MNI Manado, KMSI Cibinong, etc.

ISCBJ 06 19:31:52.3±0.3, 2.4785N, 104.9766E±0.03, h10km, mb4.0/25, MS3.4/3, Error ellipse: s-maj=5.3km s-min=3.8km az=15.5

IDC 06 19:31:52.8±0.7, 2.494N, 97.69E, h0km, mb3.9/12, mb1.4/0.13, m1mx3.8/27, mbtm3.9/13, ML±3.3/4, M1 3.4/4, m1mx3.0/39, Error ellipse: s-maj=38.6km s-min=12.0km az=63.0

BUJ 06 19:31:54.2±0.7, 2.4877N, 97.72E, h25km, mb4.3/2, mb4.2/10, CHRT M4.3/9, M4.4/4, M5.7 4/0/1

NEIC 06 19:31:55.3±3.5, 2.492N, 97.76E, h17km, 23km, mb4.2/13, Error ellipse: s-maj=10.9km s-min=5.9km az=58.0

ISC 06 19:31:53.8±0.2, 2.473N, 102.9770E±0.03, h10km, n66, c1941/75, mb4.0/25, MS3.4/3, Myanmar-China border region

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IMP Imphal, KMI Kunming, CHRT Chiarrang, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CHRT Chiarrang, SHLT Shillong, CHTO Chiang Mai, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include NST Nakhon Sawan, TAPN Taplejung, ODAN Odare, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GUN Gumba, PKI Pulchoki, PKIN Pulchoki, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KKN Kakani, DMN Daman, ENH Enshi, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GKN Gorkha, LZH Lanzhou, LZH Lanzhou, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DANND Dangsing, KOLN Koldanda, GTA Gaotai, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SMLA Simla, KKR Kurukshetra, KUDL Kundal, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SONM Songo Array, SONL Songo Array, Uanbatary, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include UCH Uchto, KSM Kuching, AAK Ala-Archa, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include AAK Ala-Archa, AML Almayashu, KBL Kabul, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KURK Kurchatov, ZALV Zalesovo Beam, BRVK Borovoye, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ASAJ Asahitawa, ARU Arti, MBWA Marble Bar, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include FITZ Fitzroy Crossi, BRTR Keskin Array B, WRA Warramunga Arr, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ASAR Alice Springs, FINES Finess Array B, VRAC Vranov, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include NOA NORSAR Array B, STKA Stephens Creek, BPWA Bear Paw Mtn, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ISCBJ 06 19:41:14.8±0.7, IDC 06 19:41:16.1±3.5, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IDC 06 19:47:59.5±0.5, BUJ 06 19:48:01.1, CSEM 06 19:48:01.9, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PRU 06 19:48:01.4, ISCBJ 06 19:48:01.2, BUC 06 19:48:01.6, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MOS 06 19:48:02.4, THE 06 19:48:03.3, NEIC 06 19:48:03.1, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ISC 06 19:48:02.4, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHRR GHR, GHR GHR, ISRA Istrita, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TESR TESR, TESR TESR, PGO Pogoanele, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PGO Pogoanele, VOIR VOIR, VOIR VOIR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include VOIR VOIR, VOIR VOIR, VOIR VOIR, etc.

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Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

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Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GHR GHR, GHR GHR, GHR GHR, etc.



VTS	iS	Sn	19 49 49.8	+0.1	BMT	Bandirma	5.53 169	eP	Pn	19 49 23.9	0.0	SVRH	Sivrihisar-ESK	7.33 148	eP	Pn	19 49 48.3	-0.3	
VTS	Vitosha	4.01 218	i/P	Pn	EDC	Edincik	5.53 170	eP	Pn	19 49 23.4	-0.5	IZM	Izmir	7.42 177	eP	Pn	19 49 49.6	-0.2	
VTS	Vitosha	4.01 218	S	Pn	EDC	Edincik	5.53 170	eP	Pn	19 49 23.4	-0.6	BLCB	Balçova	7.42 177	eP	Pn	19 49 50.1	+0.3	
VTS	Vitosha	4.01 218	P	Pn	PKSM	Moragy	5.53 277	i/P	Pn	19 49 23.3	-0.7	CHOS	Chios Island	7.42 183	P	Pn	19 49 50.1	+0.3	
VTS	Uzhgorod	4.06 316	i/S	Sn	PKSM	Moragy	5.53 277	i/P	Pn	19 49 23.3	-0.7	CHOS	Chios Island	7.42 183	P	Pn	19 49 50.1	+0.3	
UZH	comp=N,160nm,1.0s		eS	Sn	PKSM	Moragy	5.53 277	i/P	Pn	19 49 23.3	-0.7	IKLA	Kataklisma	7.45 167	eP	Pn	19 49 49.6	-0.6	
UZH	comp=N,160nm,1.0s		eS	Sn	NIE	Niedzica	5.56 313	ePn	Pn	19 49 25.5	+1.1	ATAL	Atalanti	7.57 202	P	Pn	19 49 51.6	-0.4	
UZH	comp=E,460nm,1.0s		eS	Sn	NIE	Niedzica	5.56 313	ePn	Pn	19 49 25.5	+1.1	VRAC	Vranov	7.60 301	Pn	Pn	19 49 52.7	+0.4	
UZH	Uzhgorod	4.06 316	eP	Pn	NIE	Niedzica	5.56 313	ePn	Sn	19 50 29.2	+1.3	VRAC	comp=Z,0.8nm,0.3s,baz=104,slow=12,SNR=7.0		Sn	Sn	19 51 16.7	-1.3	
UZH	Uzhgorod	4.06 316	eP	Pn	NIE	Niedzica	5.56 313	ePn	Sn	19 50 29.2	+1.3	VRAC	comp=Z,1.0nm,0.3s,baz=191,slow=18,SNR=5.3		Pn	Pn	19 49 52.7	+0.4	
KOLS	Kolonické sedl	4.28 319	ePn	Pn	YLV	Yalova	5.62 158	eP	Pn	19 49 24.4	-0.8	VRAC	VRAC		Pmax	Pmax	19 51 16.7		
KOLS	Kolonické sedl	4.28 319	ePn	Pn	YLV	Yalova	5.62 158	eP	Pn	19 49 24.4	-0.8	VRAC	comp=Z,1.0nm,0.3s						
KOLS	Kolonické sedl	4.28 319	ePn	Pn	GADA	Gvikegeada	5.63 185	eP	Pn	19 49 25.3	0.0	VRAC	comp=N,1.0nm,0.3s		Smax				
KOLS	Kolonické sedl	4.28 319	ePn	Pn	GADA	Gvikegeada	5.63 185	eP	Pn	19 49 25.3	0.0	VRAC	comp=N,1.0nm,0.3s						
KOLS	Kolonické sedl	4.28 319	ePn	Pn	ALU	Alushtia	5.65 99	eS	Sn	19 50 32.7	+2.7	VRAC	VRAC	7.60 301	P	Pn	19 49 52.7	+0.4	
KOLS	Kolonické sedl	4.28 319	ePn	Pn	ALU	Alushtia	5.65 99	eS	Sn	19 50 32.7	+2.7	VRAC	comp=N,1.0nm,0.3s		S	Sn	19 51 16.7	-1.3	
LTV	L'vov	4.37 338	eP	Pn	KCTX	Karacabey (Bur	5.69 166	eP	Pn	19 49 25.6	-0.5	VRAC	comp=N,1.0nm,0.3s						
LTV	comp=Z,600nm,2.5s		eS	Sn	KCTX	Karacabey (Bur	5.69 166	eP	Pn	19 49 25.6	-0.5	CONA	Conrad Observa	7.64 290	i/Pn	Pn	19 49 52.7	-0.1	
LTV	comp=N,1.1um,2.3s		eS	Sn	KCTX	Karacabey (Bur	5.69 166	eP	Pn	19 49 25.6	-0.5	CONA	comp=N,6.9nm,0.6s		Pn	Pn	19 49 52.7	-0.1	
LTV	comp=N,1.1um,2.3s		eS	Sn	KCTX	Karacabey (Bur	5.69 166	eP	Pn	19 49 25.6	-0.5	CONA	comp=N,6.9nm,0.6s		Pn	Pn	19 49 52.7	-0.1	
GRUS	Gruzia	4.58 247	ePn	Pn	GRG	Griva	5.71 214	P	Pn	19 49 26.5	+0.1	ANN	Anapa	7.73 94	eP	Sn	19 49 50.8	-3.3	
KWP	Kalvaria Paclia	4.63 327	ePn	Pn	GRG	Griva	5.71 214	P	Pn	19 49 26.5	+0.1	ANN	ANN		eS	Pmax	Pmax	19 51 17.8	-3.4
KWP	Kalvaria Paclia	4.63 327	ePn	Pn	GRG	Griva	5.71 214	P	Pn	19 49 26.5	+0.1	ANN	comp=Z,19nm,1.0s			MLR	MLR		
KWP	Kalvaria Paclia	4.63 327	i/P	Pn	GRG	Griva	5.71 214	P	Pn	19 49 26.5	+0.1	ANN	comp=N,215nm,10.0s			MLR	MLR		
KWP	Kalvaria Paclia	4.63 327	eP	Pn	GRG	Griva	5.71 214	P	Pn	19 49 26.5	+0.1	ANN	comp=E,266nm,10.0s			MLR	MLR		
TRUS	Trudelj	4.64 252	i/Pn	Pn	KDZE	Karadeniz Ereo	5.72 140	eP	Pn	19 49 26.2	-0.3	ARSA	Arzberg	7.75 285	i/Pn	Pn	19 49 54.5	+0.1	
CRVS	Cervenica-Dubn	4.65 314	ePn	Pn	KDZE	Karadeniz Ereo	5.72 140	eP	Pn	19 49 26.2	-0.3	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRVS	Cervenica-Dubn	4.65 314	ePn	Pn	OUR	Ouranopolis	5.78 200	P	Sn	19 50 31.9	-1.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRVS	Cervenica-Dubn	4.65 314	ePn	Pn	OUR	Ouranopolis	5.78 200	P	Sn	19 50 31.9	-1.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRVS	Cervenica-Dubn	4.65 314	ePn	Pn	OUR	Ouranopolis	5.78 200	P	Sn	19 50 31.9	-1.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRVS	Cervenica-Dubn	4.65 314	ePn	Pn	OUR	Ouranopolis	5.78 200	P	Sn	19 50 31.9	-1.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
SLVT	Silivri	4.72 165	eP	Pn	HORT	Hortiatia	5.78 207	P	Pn	19 49 27.8	+0.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
SLVT	Silivri	4.72 165	eP	Pn	HORT	Hortiatia	5.78 207	P	Pn	19 49 27.8	+0.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRLT	Corlu	4.75 169	eP	Pn	HORT	Hortiatia	5.78 207	P	Pn	19 49 27.8	+0.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRLT	Corlu	4.75 169	eP	Pn	HORT	Hortiatia	5.78 207	P	Pn	19 49 27.8	+0.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CRLT	Corlu	4.75 169	eP	Pn	HORT	Hortiatia	5.78 207	P	Pn	19 49 27.8	+0.4	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PKSN	Nyarlorinc	4.76 286	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CTKS	Kestanelik-??a	4.78 162	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
CTKS	Kestanelik-??a	4.78 162	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
FRSA	Fruska Gora	4.79 265	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ELBA	Catalca	4.85 163	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ELBA	Catalca	4.85 163	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
TKR	Tekirdag	4.86 171	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
TKR	Tekirdag	4.86 171	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
BGKT	Bogazkoy	4.89 160	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
BGKT	Bogazkoy	4.89 160	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KLYT	Kilyos	4.89 157	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KLYT	Kilyos	4.89 157	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ALN	Alexandroupoli	4.92 185	P	Sn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ALN	Alexandroupoli	4.92 185	P	Sn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ALN	Alexandroupoli	4.92 185	P	Sn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
ALN	Alexandroupoli	4.92 185	P	Sn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PKS6	Bocsa	4.92 282	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KECS	Kecovo	4.94 305	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KECS	Kecovo	4.94 305	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KECS	Kecovo	4.94 305	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KECS	Kecovo	4.94 305	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
DEVS	Divibare	4.96 252	P	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
DEVS	Divibare	4.96 252	P	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KAVA	Kavala	5.03 198	S	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KAVA	Kavala	5.03 198	S	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
KAVA	Kavala	5.03 198	S	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
MFT	Murefte	5.04 174	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
MFT	Murefte	5.04 174	eP	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	Pn	19 49 54.5	+0.1	
PSZ	Piszkesteto	5.04 297	ePn	Pn	THE	Thessaloniki	5.79 208	P	Pn	19 50 34.0	+0.7	ARSA	Arzberg	7.75 285	Pn	P			

BRG	comp=E,401nm,16.2s				
HDMB	Hadim	9.88 151	eP	Pn	19 50 22.3 -1.4
HDMB	Hadim	9.88 151	eP	Pn	19 50 22.3 -1.3
VORD	Divogorie	9.92 54	eS	Pn	19 50 23.3 -0.8
VORD				Sn	19 52 13.8 -1.1
VORD	comp=N,50nm,0.9s		pmax	pmax	
VORD	comp=E,80nm,0.9s		pmax	pmax	
VORD	comp=Z,40nm,0.9s		pmax	pmax	
VORD	comp=E,250nm,0.9s		smax		
VORD	comp=Z,70nm,1.0s		smax		
VORD	comp=N,150nm,0.8s		MLR	MLR	
VORD	comp=N,490nm,12.0s		MLR	MLR	
VORD	comp=Z,330nm,12.0s		MLR	MLR	
VORD	comp=E,230nm,8.0s		MLR	MLR	
VORD	Divogorie	9.92 54	eP	Pn	19 50 23.3 -0.8
VORD			eS	Sn	19 52 13.8 -1.1
VSR	Storzevoje	9.96 53	eP	Pn	19 50 24.4 -0.3
VSR			eS	Sn	19 52 10.4 -5.5
VSR	comp=Z,100nm,0.5s		pmax	pmax	
VSR	comp=N,110nm,0.9s		pmax	pmax	
VSR	comp=E,140nm,0.9s		smax		
VSR	comp=E,580nm,2.7s		smax		
VSR	comp=Z,190nm,1.5s		smax		
VSR	comp=N,350nm,1.0s		MLR	MLR	
VSR	comp=Z,190nm,8.0s		MLR	MLR	
VSR	comp=N,260nm,11.0s		MLR	MLR	
VSR	comp=E,120nm,7.0s		MLR	MLR	
VSR	Storzevoje	9.96 53	eP	Pn	19 50 24.4 -0.3
AQU	L'Aquila	10.08 255	eP	Pn	19 50 24.9 -1.4
AQU	L'Aquila	10.08 255	eP	Pn	19 50 24.9 -1.4
VOR	Voronezh	10.23 50	Px	Px	19 50 42.0
VOR			pmax	pmax	
NKC	Novy Kostel	10.44 300	AMS	AMS	19 55 20.0
CLL	Collm	10.54 306	ePn	Pn	19 50 34.0 +1.5
CLL			e		19 50 47.0
CLL			eSg		19 53 47.0
CLL	Collm	10.54 306	ePn	Pn	19 50 34.0 +1.5
CLL			eP		19 50 47.0
CLL			eP		19 51 29.0 +5.6
CLL			eP		19 52 30.0
CLL			eP		19 53 07.0
CLL			eSg		19 53 47.0
CLL			eSg		19 55 18.0
CEL	Celeste	10.54 306	ePn	Pn	19 50 34.0 +1.5
CEL		10.93 230	ePn	Pn	19 50 35.8 -2.3
CEL	Celeste	10.93 230	ePn	Pn	19 50 35.8 -2.2
OBN	Obninsk	11.28 31d	iP	Sn	19 50 39.4 -3.3
OBN			iS	Sn	19 52 39.7 -8.6
OBN	comp=Z,34nm,1.0s		ePn	Pn	19 50 39.6 -3.1
OBN	comp=Z,33nm,0.4s		ePn	Pn	19 50 42.7 -0.4
VRHR	Novokhopersk	11.31 57	eP	Pn	19 50 42.7 -0.4
VRHR			pmax	pmax	
VRHR	comp=Z,50nm,0.8s		pmax	pmax	
VRHR	comp=N,30nm,1.2s		pmax	pmax	
VRHR	comp=E,50nm,0.8s		pmax	pmax	
VRHR	Novokhopersk	11.31 57	eP	Pn	19 50 42.7 -0.4
DAVOX	Davos/Dischmat	11.59 281	LR	LR	19 55 20.9
KIV	Kislovodsk	11.59 93	eS	Pn	19 50 46.0 -1.0
KIV			eS	Sn	19 53 00.5 +4.6
KIV	comp=Z,6.0nm,0.9s		pmax	pmax	
KIV	comp=Z,200nm,17.0s		MLR	MLR	
KIV	Kislovodsk	11.59 93	ePn	Pn	19 50 42.5 -4.5
KIV	Kislovodsk	11.59 93	ePn	Pn	19 50 46.0 -1.0
BSD	Bornholm Skovb	11.90 326	iP	Pn	19 50 49.8 -1.3
BSD			iS	Sn	19 52 59.8 -3.5
CSS	Prodromos	11.99 152	ePn	Pn	19 50 54.3 +1.9
CSS	Prodromos	11.99 152	ePn	Pn	19 50 54.3 +1.9
ARTV	Artvin	12.09 107	eP	Pn	19 50 49.6 -4.0
DAGI	Agillar	12.11 107	eP	Pn	19 50 51.1 -3.0
MOS	Moscow	12.15 31	eP	Pn	19 50 50.5 -4.0
MOS			eS	Sn	19 53 03.0 -6.5
MOS			pmax	pmax	
YSU	Yasula	12.68	0deP	Pn	19 50 59.1 -2.7
YSU	Yasula	12.68	0eP	Pn	19 50 59.1 -2.7
ZEI	Tsey	12.79 98	eP	Pn	19 51 03.2 -0.1
ZEI			pmax	pmax	
ZEI	Tsey	12.79 98	eP	Pn	19 51 03.2 -0.1
LPG	La Plagne	13.86 276	eP	Pn	19 51 27.9 +1.0
LPG	La Plagne	13.86 276	eP	Pn	19 51 27.9 +1.0
LPG	comp=Z,10.0nm,0.8s		pmax	pmax	
LPG	La Plagne	13.86 276	eP	Pn	19 51 27.9 +1.0
LPG	comp=Z,9.8nm,0.8s		pmax	pmax	
LPL	La Plagne	13.88 276	eP	Pn	19 51 28.0 +1.0
LPL			pmax	pmax	
LPL	comp=Z,12nm,0.9s		pmax	pmax	
LPL	La Plagne	13.88 276	eP	Pn	19 51 28.0 +1.0
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	comp=Z,27nm,1.0s		pmax	pmax	
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	comp=Z,14nm,1.0s		pmax	pmax	
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	Montbardon	13.98 273	eP	Pn	19 51 28.7 +9.1
MBDF	comp=Z,14nm,1.0s		pmax	pmax	
GNI	Garni	14.45 107	LR	LR	19 58 06.8
GNI	Garni	14.45 107	eP	Pn	19 51 24.9 -1.1
GNI			pmax	pmax	
GNI	comp=Z,14nm,1.3s		pmax	pmax	
GNI	Garni	14.45 107	ePn	Pn	19 51 30.7 +4.7
MMAI	Mount Meron Ar	14.47 149	Pn	Pn	19 51 25.0 -1.3
MMAI	comp=Z,0.3nm,0.3s,baz=322,slow=12,SNR=2.5		LR	LR	19 58 30.9
MAK	Makhachkala	15.24 93	eP	Pn	19 51 35.0 -1.6
MAK			S	Sn	19 54 22.7 -2.2
MAK	comp=Z,357nm,1.6s		pmax	pmax	
MAK	comp=Z,408nm,15.0s		MLR	MLR	
FINES	FINESS Array B	15.68 359	Pn	Pn	19 51 36.1 -6.1
FINES	comp=Z,0.6nm,0.3s,baz=168,slow=12,SNR=27		Sn	Sn	19 54 21.1 -1.4
SMF	Signal de Mont	15.74 281	eP	Pn	19 51 49.5 +6.3
SMF	Signal de Mont	15.74 281	eP	Pn	19 51 49.5 +6.3
SMF	comp=Z,7.0nm,0.8s		pmax	pmax	

SMF	Signal de Mont	15.74 281	eP	Pn	19 51 49.5 +6.3
HFS	Hagfors	16.27 337	Pn	Pn	19 51 46.3 -3.5
HFS	comp=Z,1.5nm,0.3s,baz=138,slow=16,SNR=8.3		LR	LR	19 57 52.5
KAF	Kangasniemi	16.35 360	eP	Pn	19 51 43.1 -7.7
KAF			pmax	pmax	
KAF	comp=Z,5.0nm,0.5s		eP	Pn	19 51 43.1 -7.7
KAF	Kangasniemi	16.35 360	eP	Pn	19 51 43.1 -7.7
KLMR	Klimovskoe	16.90 22	eP	Pn	19 51 51.3 -6.5
KLMR			pmax	pmax	
KLMR	comp=Z,64nm,1.0s		MLR	MLR	
OSL	Oslo	17.01 332	eP	Pn	19 51 58.3 -1.0
KONO	Kongsberg	17.18 330	eP	Pn	19 52 00.1 -1.3
KONO			pmax	pmax	
KONO	comp=Z,20nm,1.0s		ePn	Pn	19 52 00.1 -1.4
KONO	Kongsberg	17.18 330	ePn	Pn	19 52 00.1 -1.3
KONO	comp=Z,20nm,1.0s		ePn	Pn	19 52 00.1 -1.3
JOF	Joensuu	17.37 7	eP	Pn	19 51 58.8 -4.9
JOF			pmax	pmax	
JOF	comp=Z,10.0nm,0.5s		7	7	19 51 58.8 -4.9
JOF	Joensuu	17.37 7	eP	Pn	19 51 58.8 -4.9
EIL	Elat	17.40 155	LR	LR	20 00 20.7
RJF	Les Rejaudoux	17.53 277	eP	Pn	19 52 11.4 +5.5
NAO01	NORSAR Array S	17.66 334	ePn	Pn	19 52 04.6 -2.7
NB2	NORSAR Subarra	17.72 335	P	Pn	19 52 05.2 -2.9
NOA	NORSAR Array B	17.72 335	P	Pn	19 52 03.6 -4.5
NOA	comp=Z,0.9nm,0.3s,baz=56,slow=18,SNR=16		Sn	Sn	19 55 14.8 -1.0
NOA	comp=Z,0.3nm,0.3s,baz=143,slow=23,SNR=3.6		LR	LR	20 00 12.4
NOA	NORSAR Array B	17.72 335	P	Pn	19 52 03.6 -4.5
NOA			Sn	Sn	19 55 14.8
NOA	comp=Z,1.0nm,0.3s		pmax	pmax	
NOA			MLR	MLR	
LFF	La Frestale	18.14 277	eP	Pn	19 52 15.5 +2.1
LDF	La Frestale	18.14 277	eP	Pn	19 52 15.5 +2.1
LDF	La Druitiere	18.32 288	eP	Pn	19 52 16.1 +0.6
LDF			pmax	pmax	
LDF	La Druitiere	18.32 288	eP	Pn	19 52 16.1 +0.6
LDF	comp=Z,4.0nm,0.6s		eP	Pn	19 52 16.1 +0.6
LDF	La Druitiere	18.32 288	eP	Pn	19 52 16.1 +0.6
EPF	Esparrros	18.91 271	eP	Pn	19 52 28.5 +5.8
EPF			pmax	pmax	
EPF	Esparrros	18.91 271	eP	Pn	19 52 28.5 +5.8
EPF	comp=Z,18nm,1.2s		eP	Pn	19 52 28.5 +5.8
PRGR	Pergomore	19.34 28	eP	Pn	19 52 24.0 -3.8
PRGR			eS	Sn	19 56 01.2 -2.8
PRGR	comp=Z,23nm,0.8s		eP	Pn	19 52 24.0 -3.8
PRGR	Pergomore	19.34 28	eP	Pn	19 52 24.0 -3.8
NSS	Namos	20.44 342	eP	P	19 52 37.0 -1.6
NSS	Namos	20.44 342	eP	P	19 52 37.0 -1.6
EKA	Eskdalemuir Ar	21.00 308	P	Pn	19 52 44.1 -0.6
EKA	Eskdalemuir Ar	21.00 308	P	P	19 52 44.1 -0.6
EKA	Aktjubinsk	21.41 66	P	P	19 52 48.8 -0.4
AKTK	Aktjubinsk	21.41 66	P	P	19 52 48.8 -0.4
AKTK	comp=Z,4.4nm,0.7s,mb4.7		P	P	19 52 48.8 -0.4
AKTO	Aktjubinsk	21.41 66	P	P	19 52 48.8 -0.4
AKTO	Aktjubinsk	21.41 66	P	P	19 52 48.8 -0.4
AKTO	comp=Z,14nm,0.7s,mb4.4		pmax	pmax	
MOR	Moi Rana	21.44 347	eP	P	19 52 50.6 +1.2
MOR	Moi Rana	21.44 347	eP	P	19 52 50.6 +1.2
APA	Apatity	22.12 7	iP	S	19 52 55.3 -1.3
APA			iS	S	19 53 06.0
APA	comp=Z,13nm,1.0s,mb4.3		pmax	pmax	
APA	comp=Z,500nm,15.0s,MS4.1		MLR	MLR	
APA	Apatity	22.12 7	iP	S	19 52 55.3 -1.3
ARU	Arti	22.52 50	iP	S	19 52 59.5 -1.5
ARU			iP	S	19 53 29.6
ARU			S	S	19 57 05.3 -2.2
ARU			SSS	SSS	19 57 47.5
ARU	comp=Z,123nm,1.7s,mb5.1		pmax	pmax	
ARU	Arti	22.52 50	eP	P	19 52 59.6 -1.4
ARU	comp=Z,31nm,0.5s,mb5.0		eP	P	19 52 59.6 -1.4
ARU	Arti	22.52 50	eP	P	19 52 59.6 -1.4
ARU	comp=Z,31nm,0.5s,mb5.0		S	S	19 57 05.3 -2.2
ARU	comp=Z,31nm,0.5s,mb5.0		S	S	19 53 00.4 -0.8
LVZ	Lovozero	22.55 8d	iP	P	19 53 00.4 -0.8
LVZ			pmax	pmax	
LVZ	comp=Z,29nm,1.2s,mb4.6		iP	P	19 53 00.4 -0.8
LVZ	Lovozero	22.55 8d	iP	P	19 53 00.4 -0.8
ABKAR	Abkubal array	22.70 69	eP	P	19 53 02.4 -0.5
ABKAR	Abkubal array	22.70 69	eP	P	19 53 02.4 -0.5
ABKAR	comp=Z,10nm,0.5s,mb4.5		P	P	19 53 02.4 -0.5
ESDC	Sonsea Array	23.15 266	P	P	19 53 07.0 -0.9
ESDC	Sonsea Array	23.15 266	P	P	19 53 07.0 -0.9
ESDC	comp=Z,3.0nm,0.7s,mb3.9,baz=62,slow=10,SNR=12		P	P	19 53 07.0 -0.9
KTK1	Kautokeino	23.34 357	eP	P	19 53 09.0 -0.5
KTK1			eP	P	19 53 14.6
KTK1	SNR=28		P	P	19 53 09.0 -0.5
SVE	Sverdiolvsk	23.73 50j	eP	P	19 53 15.4 +2.0
SVE			pmax	pmax	
SVE	comp=Z,24nm,1.0s,mb4.6		MLR	MLR	
SVE	comp=Z,176nm,14.0s,MS3.7		P	P	19 53 12.6 -1.4
ARCES	ARCCESS Array B	23.81 359	P	P	19 53 12.6 -1.4
ARCES	ARCCESS Array B	23.81 359	P	P	19 53 12.6 -1.4
ARCES	comp=Z,1.4nm,0.4s,mb3.7,baz=181,slow=12,SNR=30		pmax	pmax	
ARCES	ARCCESS Array B	23.81 359	P	P	19 53 12.6 -1.4
AREO	ARCCESS Array S	23.81 359	eP	P	19 53 11.5 -2.5
KEV	Kevo	24.02 0	eP	P	19 53 15.1 -0.9
KEV			pmax	pmax	
KEV	comp=Z,7.0nm,0.6s,mb4.3		eP	P	19 53 15.1 -0.9
KEV	Kevo	24.02 0	eP	P	19 53 15.1 -0.9
KEV	comp=Z,6.7nm,0.6s,mb4.2		eP	P	19 53 17.6 -0.1





Table with columns: KECS, Kecovo, 79.08 347, eP, P, 20 34 30.9 +0.6, etc. Includes various station codes and coordinates.

NEIC 06 20:28:19.6, 59.18N, 54.99W, h18km, mb4.0/1, ML4.2(0.27), After OTT

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

Table with columns: NATG, Natashquan Que, 9.94 210, Pn, Sn, 20 30 43.3 +1.7, etc. Includes various station codes and coordinates.

IDC 06 20:29:39.4, 1.9, 16.415N, 178.81W, h0km, mb3.5, m-b1 4.0/5, m1mx3.7/18, m2mx3.8/5, Error ellipse: s-maj=147.3km s-min=32.2km az=156.0, Fijji Islands region

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

ATH 06 20:30:07.3, 39.53N, 20.62E, h5km, 4km, MD3.0/7 CSEM 06 20:30:07.6, 0.2, 39.52N, 20.63E, h2km, MD3.0, Error ellipse: s-maj=4.8km s-min=4.3km az=166.0

ISCJB 06 20:30:08.1, 0.5, 39.53N, 20.60E, 0.4, h10km, Error ellipse: s-maj=5.8km s-min=4.0km az=178.9

THE 06 20:30:08.1, 3.9 50N, 20.63E, h0km, 3km, ML2.1/5, Error ellipse: s-maj=3.5km s-min=1.1km az=217.0

ISC 06 20:30:08.1, 0.4, 39.53N, 20.60E, 0.4, h10km, n33, r117147, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGT, JAN, KEK, THL, EVR, KZN, VLS, FNA, LIT, RLS, etc.

Table with columns: KALE, Kalithea, 1.65 133, P, Pn, 20 30 37.9 +0.9, etc. Includes various station codes and coordinates.

ISCJB 06 20:31:57.6, 0.7, 10.71N, 0.66, 62.48W, 0.03, h78km, 7km, Error ellipse: s-maj=9.4km s-min=4.2km az=169.8

FUNV 06 20:31:59.8, 1.0, 10.71N, 62.46W, h65km, MV2.8 TRN 06 20:32:01.6, 10.81N, 62.29W, h72km, MD3.1

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

ISCJB 06 20:43:22.7, 0.8, 4.47S, 0.08, 100.73E, 0.06, h26km, mb3.8/12, Error ellipse: s-maj=12.8km s-min=6.7km az=24.9

DJA 06 20:43:23.4, 4.3S, 100.82E, h11km, MLv4.1/8 NEIC 06 20:43:26.7, 1.4, 4.18S, 101.02E, mb3.8/5, Error ellipse: s-maj=55.4km s-min=10.9km az=59.0

IDC 06 20:43:27.1, 1.9, 4.18S, 101.07E, h26km, 4km, mb3.6/7, m-b1 3.7/7, m1mx3.5/18, m2mx3.6/7, Error ellipse: s-maj=76.0km s-min=14.9km az=55.0

ISC 06 20:43:25.3, 0.8, 4.40S, 0.08, 100.80E, 0.06, h28km, h28km, 4km; p-P, n25, 0.08/25, mb3.8/12, Southwest of Sumatera

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

CMAR Chiamg Mai Arr 22.79 355 P 20 48 24.4 -1.5 WRA Warramunga Arr 36.12 118 P 20 50 25.9 +0.1

ASAR Alice Springs 37.22 124 P 20 50 35.8 +1.1 ASAR 0.4nm, 0.4s, mb3.6, baz=296, slow=7.6, SNR=10

SKTA Stephens Creek 46.98 131 pP 20 52 03.0 +0.5 SKTA 1.5nm, 0.6s, baz=321, slow=11, SNR=3.4

SKTA Stephens Creek 46.98 131 P 20 52 02.2 +8.1 SKTA 0.3nm, 0.3s, mb3.3

KSR5 Korea Array 48.70 29 P 20 52 06.5 -0.7 KSR5 0.8nm, 0.8s, mb3.8, baz=216, slow=7.6, SNR=5.0

SOM1 Songo Array 52.25 5 P 20 52 35.2 +1.3 SOM1 1.4nm, 0.8s, mb4.0, baz=184, slow=8.9, SNR=15

ULN Ulanbaatar 52.34 5 eP 20 52 35.2 +0.6 ULN 0.2nm, 0.5s, baz=177, slow=2.9, SNR=2.2

MK31 Makanchi Array 53.54 344 eP 20 52 44.4 +0.9 MK31 1.1nm, 0.8s, mb3.8

MKAR Makanchi Array 53.54 344 P 20 52 44.6 +1.1 MKAR 1.5nm, 0.7s, baz=206, slow=6.0, SNR=3.6

MKAR Kurkuchatov 58.12 344 eP 20 52 55.8 +0.8 MKAR 0.3nm, 0.4s, baz=148, slow=9.4, SNR=8.8

ZALV Zalevovo Beam 59.66 349 P 20 53 27.2 +0.3 ZALV 0.9nm, 0.3s, mb4.0, baz=186, slow=7.9, SNR=5.6

ZALV Zalevovo Beam 59.66 349 P 20 53 27.2 +0.3 ZALV 0.5nm, 0.5s, baz=178, slow=4.5, SNR=5.9

ZALV Zalevovo Beam 59.66 349 P 20 53 27.2 +0.3 ZALV 0.9nm, 0.3s, mb4.0, baz=186, slow=7.9, SNR=5.6

TXAR Lajitas Array 146.06 40 pP 21 03 04.5 +1.2 TXAR 0.9nm, 0.5s, baz=241, slow=6.6, SNR=8.5

ISCJB 06 20:49:39.5, 0.8, 38.26N, 0.04, 26.43E, 0.04, h5km, 8km, Error ellipse: s-maj=6.8km s-min=4.9km az=10.6

CSEM 06 20:49:39.1, 0.3, 38.19N, 26.41E, h2km, MD2.8, Error ellipse: s-maj=7.4km s-min=5.8km az=56.0

THE 06 20:49:40.4, 38.12N, 26.45E, h2km, 6km, ML2.2/3, Error ellipse: s-maj=6.1km s-min=4.0km az=183.0

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STKA, WRA, ASAR, FITZ.

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

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

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

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

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

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

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

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

BJI 06 21:05:18.9, 36.42N, 34.39W, h5km, mB5.6, mB5.1/9, MS4.8/7, Ms7.4/6.7

ISCJB 06 21:05:22.0-0.5, 36.33N, 0.1x33.87W, 0.06, h10km,

mb4.3/34, MS3.8/21, Error ellipse: s-maj=16.4km s-min=7.5km az=2.6

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

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

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

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

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

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

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

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

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

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

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

BJI 06 21:05:22.0-0.5, 36.33N, 0.1x33.87W, 0.06, h10km,

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CD2, WRA, etc.

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

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

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

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

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

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

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

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

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

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





Table with columns: JTK, GZH, Guanzhou, 7.88 265, eS, P, Sn, 23 03 40.1 -4.1, 23 02 22.8 -5.2, etc.

BJI 06 23:01:55.4, 8.00'S x 131.21'E, h35km, mb4.9/23, mb5.0/40, Ms4.6/22, Ms7.7/23, etc.

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

Main table with columns: CTAO, KKM, Kota Kinabalu, 19.93 312, eS, P, Sn, 23 10 09.0 +6.7, 23 06 29.5 -4.8, etc.

Table with columns: HHC, Lhasa, 52.34 11, sP, sP, 23 11 16.5 -1.1, 23 12 16.2 -0.7, etc.

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
EKS2	Erkin-Say	71.99	319	eP	P	23	13	22.5	+0.3		
EKS2	Erkin-Say	71.99	319	eP	P	23	13	22.5	+0.3		
SEY	Seymchan	72.03	101	eP	P	23	13	23.0	+1.1		
ZALV	Zalesovo Beam	72.41	333	P	P	23	13	23.3	-1.1		
KURK	Kurchatov	73.40	328z	iP	P	23	13	29.8	-0.6		
KURK	Kurchatov	73.40	328z	eP	P	23	13	29.9	-0.5		
NVS	Novosibirsk	73.69	333	eP	P	23	13	29.4	-2.6		
KK31	Karatay Array	74.33	319	iP	P	23	13	35.7	-0.2		
KKAR	Karatay Array	74.33	319	eP	P	23	13	35.9	0.0		
MAW	Mawson	74.94	202	P	P	23	13	41.1	+2.0		
MAW	Mawson	74.94	202	eP	P	23	13	40.8	+1.7		
VOSK	Vostochnyaya	78.50	327	P	P	23	13	58.1	-1.2		
BVA0	Borovoye Array	78.96	328	iP	P	23	14	01.5	-0.3		
BVA0	Borovoye Array	78.96	328	eP	P	23	14	01.5	-0.3		
IKOO	Kooshah	79.02	305	P	P	23	14	03.6	+0.9		
BRVK	Borovoye	79.03	328z	iP	P	23	14	01.6	-0.6		
BRVK	Borovoye	79.03	328z	eP	P	23	14	01.9	-0.3		
IMYA	Miami	79.28	309	eP	P	23	14	04.7	+0.7		
ITEG	Tejag	79.36	305	eP	P	23	14	05.5	-0.2		
ZRNC	Zerenda	79.66	327	P	P	23	14	04.3	-1.4		
IMOG	Moghan	79.80	309	eP	P	23	14	07.8	+1.0		
IPAY	IPAY	80.17	309	eP	P	23	14	09.7	+0.9		
IAKL	Akhmed	80.39	309	eP	P	23	14	10.5	+0.5		
IKRD	Kardeh	80.63	309	eP	P	23	14	08.5	-2.8		
ISFR	Sfrayin	81.10	309	eP	P	23	14	14.0	+0.2		
GSPA	South Pole Qui	82.57	189	eP	P	23	14	22.5	+1.8		
ISRV	Sarvestan	83.19	301	eP	P	23	14	24.9	-0.9		
AB31	Akbulak array	83.47	321	iP	P	23	14	24.9	-0.9		
AB31	Akbulak array	83.47	321	eP	P	23	14	25.4	-0.5		
SYO	Syowa Base	83.65	201	esP	S	23	14	44.0	-8.2		
AKTO	Aktyubinsk	85.03	327	eP	P	23	14	33.0	-0.7		
SVE	Sverdlovsk	85.95	329z	eP	P	23	14	36.1	-0.6		
ARU	Arti	86.60	328z	iP	P	23	14	39.3	-2.1		
ARU	Arti	86.60	328z	eP	P	23	14	40.2	-1.1		
UMR	Umm Al-Rihman	87.44	300	Amb	AMB	23	14	47.5	-0.5		
NAY	Al-Naaim	88.20	300	Amb	AMB	23	14	49.1	-0.6		
MIB	Mutribah	88.21	300	Amb	AMB	23	14	49.3	-0.5		
MIB	Mutribah	88.21	300	Amb	AMB	23	14	49.3	-0.5		
PLLA	Purkypeit	90.58	26	P	P	23	15	00.8	+0.7		
ILAR	Eielson Array	93.28	25	P	P	23	15	11.8	-0.7		
KMBO	Kilima Mbogo	93.61	268	P	P	23	15	16.8	+1.6		
KMBO	Kilima Mbogo	93.61	268	eP	P	23	15	16.5	+1.3		
ARCBS	ARCBS Array B	102.32	340	P	P	23	15	53.6	+0.1		
FINES	FINES Array B	103.61	331	Pdf	Pdf	23	15	57.4	-1.9		
FINES	FINES Array B	103.61	331	eP	P	23	15	57.4	-1.9		
CLL	Collin	113.10	323	ePKP	PKP	23	20	36.0	+0.8		
HINF	Hinterfall	118.05	321	ePKP	PKP	23	20	45.0	+0.1		
LPG	La Plagne	118.95	318	ePKP	PKP	23	20	47.6	+0.9		
LPL	La Plagne	118.95	318	ePKP	PKP	23	20	47.6	+0.9		
CABF	La Chapelle	118.98	320	ePKP	PKP	23	20	47.5	+0.8		
ORIF	Oris-en-Rattie	119.73	318	ePKP	PKP	23	20	48.8	+0.6		
SSF	Saint Saulte	120.43	321	ePKP	PKP	23	20	50.1	+0.6		
BGF	Bois d'Agland	121.06	321	ePKP	PKP	23	20	51.6	+0.9		
TCF	Toux Ste Croix	121.57	321	ePKP	PKP	23	20	52.5	+0.8		
ULM	Lac du Bonnet	122.22	34	PKP	PKP	23	20	52.4	-0.5		
MTFL	Montlieux	122.77	317	ePKP	PKP	23	20	54.8	+0.7		
MFF	Saint Martin d	122.89	322	ePKP	PKP	23	20	54.9	+0.7		
EPF	Esparrros	124.15	318	ePKP	PKP	23	20	57.7	+1.0		
TXAR	Lajitas Array	124.25	60	PKP	PKP	23	20	59.2	+1.9		
JCT	Junction City	127.26	57	ePKP	PKP	23	21	05.7	+2.6		
PLCA	Paso Flores	128.13	159	PKP	PKP	23	21	07.5	+3.0		
ELSCA	Paso Flores	128.13	159	PKP	PKP	23	21	07.5	+3.0		
TORD	Torodi Ar. Bea	129.89	281	PKP	PKP	23	21	09.1	+0.6		
TORD	Torodi Ar. Bea	129.89	281	ePKP	PKP	23	21	09.1	+0.6		
MDT	Middelt	131.78	308	PKP	PKP	23	21	12.9	+1.3		
DBIC	Dimbokro	136.23	272	PKP	PKP	23	21	12.7			
DBIC	Dimbokro	136.23	272	ePKP	PKP	23	21	22.9	+2.5		
CPUB	Villa Flores	145.49	167	PKP	PKP	23	21	39.7	+2.8		
CPUB	Villa Flores	145.49	167	ePKP	PKP	23	21	39.7	+2.8		
LPAZ	La Paz	149.76	141	PKP	PKP	23	21	47.9	-0.9		
LPAZ	La Paz	149.76	141	ePKP	PKP	23	21	47.9	-0.9		
LPAZ	La Paz	149.76	141	PKP	PKP	23	21	52.5	-1.7		
LPAZ	La Paz	149.76	141	ePKP	PKP	23	21	52.5	-1.7		

IDC 06 23:17:49.3:600.0,32:66N:148:89E,h0km, Error ellipse: s-maj=1182.0km s-min=74.1km az=116.0, North Pacific Ocean

MEX 06 23:19:45.7:1.0,14:93N:93:94W,h7km,27km,MD3.8, Near coast of Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
PCIG	PCIG	1.04	42	iP	Sg	23	20	02.3	-3.4		
PCIG	PCIG	1.04	42	eP	Sg	23	20	15.5	-3.7		
THIG	THIG	1.62	91	iP	Sg	23	20	10.6	-4.1		
THIG	THIG	1.62	91	eP	Sg	23	20	30.9	-5.0		
TGIG	TGIG	2.00	23	eP	Pn	23	20	17.9	-2.0		

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
TGIG	TGIG	2.19	35	iP	Sn	23	20	42.2	-2.9		
SCX	San Cristobal	2.19	35	iP	Pn	23	20	24.0	+1.4		
CCIG	Comitan	2.20	52	eP	Pn	23	20	20.1	-2.5		
CCIG	Comitan	2.20	52	eP	Pn	23	20	20.1	-2.5		
HUIG	Huatulco	2.25	292	iP	Pn	23	20	46.8	-3.2		
VHTO	Vista Hermosa	3.43	309	iP	Pn	23	20	19.6	-3.7		
VHTO	Vista Hermosa	3.43	309	eP	Pn	23	20	19.6	-3.7		
UTMO	Huajuapán	4.70	308	iP	Pn	23	21	17.5	-3.0		
UTMO	Huajuapán	4.70	308	eP	Pn	23	21	17.5	-3.0		

BUC 06 23:21:48.0:1.8,45:36N:27:01E,h25km,MD2.4/5,12C-6D, Error ellipse: s-maj=13.3km s-min=7.8km az=38.0, Romania

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
GRER	GRER	0.03	312	iP	Sb	23	21	52.2	-0.2		
GRER	GRER	0.03	312	eP	Sb	23	21	56.8	+1.5		
GRER	GRER	0.03	312	iP	Sb	23	21	52.2	-0.2		
GRER	GRER	0.03	312	eP	Sb	23	21	56.8	+1.5		
PETR	PETR	0.40	231	iP	Sb	23	21	57.5	+0.9		
PETR	PETR	0.40	231	eP	Sb	23	21	57.5	+0.9		
PETR	PETR	0.40	231	iP	Sb	23	21	57.5	+0.9		
PETR	PETR	0.40	231	eP	Sb	23	21	57.5	+0.9		
VRI	Vrincioiaia	0.55	339	iP	Sb	23	21	59.0	-0.1		
VRI	Vrincioiaia	0.55	339	eP	Sb	23	21	59.0	-0.1		
VRI	Vrincioiaia	0.55	339	iP	Sb	23	21	59.0	-0.1		
VRI	Vrincioiaia	0.55	339	eP	Sb	23	21	59.0	-0.1		
PLOR	Plostinia	0.55	333	iP	Sb	23	21	58.5	-0.7		
PLOR	Plostinia	0.55	333	eP	Sb	23	21	58.5	-0.7		
PLOR	Plostinia	0.55	333	iP	Sb	23	21	58.5	-0.7		
PLOR	Plostinia	0.55	333	eP	Sb	23	21	58.5	-0.7		
MLR	Muntele Rosu	0.76	280	iP	Sb	23	22	02.3	-0.4		
MLR	Muntele Rosu	0.76	280	eP	Sb	23	22	02.3	-0.4		
MLR	Muntele Rosu	0.76	280	iP	Sb	23	22	02.3	-0.4		
MLR	Muntele Rosu	0.76	280	eP	Sb	23	22	02.3	-0.4		
CFR	Carcali	0.82	102	iP	Sb	23	22	03.2	-0.4		
CFR	Carcali	0.82	102	eP	Sb	23	22	03.2	-0.4		
CFR	Carcali	0.82	102	iP	Sb	23	22	03.2	-0.4		
CFR	Carcali	0.82	102	eP	Sb	23	22	03.2	-0.4		

6d 23h

Table with columns for country codes (e.g., IVIS, IDHR, BHD), names, and numerical values. Includes sub-sections for various countries like Iran, Iraq, and others.

2008 SEP

Table with columns for country codes (e.g., SOC, BRTR, KBL), names, and numerical values. Includes sub-sections for various countries like Armenia, Azerbaijan, and others.

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Table with columns for country codes (e.g., CRVS, KECS, PSZ), names, and numerical values. Includes sub-sections for various countries like Belarus, Bulgaria, and others.



Table with columns: KIZIT, GPA, YOP, etc. Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kizilcal, Golpazari, Yozgat, etc.

Table with columns: WRA, ASAR, MKAR, PDAR, etc. Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR Alice Springs, MKAR Makranchi Array, etc.

IDC 07 00:13:43.6:629.0,327.70N-149.03E,h0km Error ellipse: s-maj=1238.0km s-min=75.4km az=116.0, North Pacific Ocean

IDC 07 00:23:25.1:6.2,16.09Sx14.54W,h0km,mb4.2/3, mb1 4.2/3,mb1mx3.7/19,mbtmp4.2/3,MS3.5/3,Ms1 3.5/3, ms1mx3.1/20, Error ellipse: s-maj=280.7km s-min=127.2km az=128.0, Southern Mid-Atlantic Ridge

IDC 07 00:31:39.4:598.0,32.96N-148.39E,h0km Error ellipse: s-maj=1178.0km s-min=69.5km az=116.0, North Pacific Ocean

NEIC 07 00:36:51.9,19.55N-70.42W,h110km,MD4.2(RSPR), After RSPR, RSPR 07 00:36:51.9,19.55N-70.42W,h110km,4km,MD4.1/7, 6C-5D, Dominican Republic region

Table with columns: SDDR, SDDR, SDDR, etc. Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDDR Presa de Saban, SDDR Cerrillos, etc.

ISCBJ 07 00:42:43.8:0.6,40.71N:0.03:32.83E:0.03,h4km,6km, Error ellipse: s-maj=4.9km s-min=4.3km az=175.4

ISCBJ 07 01:14:04.9:0.6,50.77N:0.07:156.5E:0.1,h15km,4km, Error ellipse: s-maj=14.8km s-min=6.4km az=41.2

ISCBJ 07 01:14:04.9:0.6,50.77N:0.07:156.5E:0.1,h107km,4km, Error ellipse: s-maj=14.8km s-min=6.4km az=41.2

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

NEIC 07 00:08:00.24:20N:125.20E,h35km,Mw3.8 Best double couple: M:6.1000x10^14 NP1:3x272.00000,886.00000, -1.63.00000, NP2:10.00000,827.00000, -1.71.00000

NEIC 07 00:08:19.6:2.4,23.80N:125.51E,h35km,MG3.5(JMA), Error ellipse: s-maj=55.8km s-min=10.9km az=153.0

ISCBJ 07 00:08:19.8:1.6,24.10N:0.09:123.84E:0.04,h22km,12km, Error ellipse: s-maj=216.8km s-min=37.6km az=49.0, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 07 00:09:55.9:9.8,7.39S:122.03E,h85km,106km,mb3.2/1, mb1 3.1/4,mb1mx3.19,mbtmp3.0/4,ML3.4/2, Error ellipse: s-maj=216.8km s-min=37.6km az=49.0, Flores Sea

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

Table with columns: KAF Kangasniemi, FINES FINES Array B, etc. Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

ISCJ 07 01:01:08.4:0.5,40.68N:0.03:32.81E:0.03,h7km,5km, Error ellipse: s-maj=4.6km s-min=4.0km az=173.6

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

IDC 07 01:10:35.0:619.0,32.55N:149.53E,h0km Error ellipse: s-maj=1220.0km s-min=73.2km az=117.0, North Pacific Ocean

ISCBJ 07 01:14:04.9:0.6,50.77N:0.07:156.5E:0.1,h15km,4km, Error ellipse: s-maj=14.8km s-min=6.4km az=41.2

MOS 07 01:14:04.9:0.6,50.77N:0.07:156.5E:0.1,h11km,6km,1/8, Error ellipse: s-maj=21.7km s-min=8.7km az=65.4

ISCBJ 07 01:14:04.9:0.6,50.77N:0.07:156.5E:0.1,h109km,15km,mb4.2/6, Error ellipse: s-maj=32.4km s-min=10.9km az=157.0

IDC 07 01:14:07.5:3.4,50.83N:156.39E,h118km,29km,mb3.4/7, mb1 3.8/8,mb1mx3.4/23,mbtmp3.4/8, Error ellipse: s-maj=42.6km s-min=16.1km az=160.0

ISCBJ 07 01:14:06.1:0.5,50.68N:0.07:156.5E:0.1,h107km,4km, Error ellipse: s-maj=14.8km s-min=6.4km az=41.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR comp=Z,7mu,0.4s, SKR comp=N,3mu,0.2s, etc.

IDC 07 00:51:05.6:593.0,32.89N:148.64E,h0km Error ellipse: s-maj=1169.0km s-min=69.9km az=116.0, North Pacific Ocean

IDC 07 01:00:04.8:4.1,30.37S:177.65W,h0km,mb3.9/4, mb1 4.0/4,mb1mx3.8/17,mbtmp3.9/4,MS3.7/2,Ms1 3.7/2, ms1mx3.1/26, Error ellipse: s-maj=144.6km s-min=152.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.









GRF	comp=Z,34nm,1.0s,mb5.6	eP	pP	02 18 36.9 +2.8
GRFO	Grabenberg 89.45 327 eP	P	P	02 18 30.4 -0.3
GRFO	Grabenberg 89.45 327 eP	P	P	02 18 30.8 +0.1
GRFO	comp=Z,51nm,1.1s,mb5.8	eP	pmax	
GRFO	Grabenberg 89.45 327 eP	P	P	02 18 30.8 0.0
PLN	Plauen 89.48 327 eP	P	P	02 18 31.2 +0.3
ORIF	Oris-en-Rattie 89.49 321 eP	P	P	02 18 31.5 +0.4
ORIF	Oris-en-Rattie 89.49 321 eP	P	P	02 18 31.5 +0.4
ORIF	comp=Z,37nm,1.5s,mb5.5	eP	pmax	
ORIF	Oris-en-Rattie 89.49 321 eP	P	P	02 18 31.5 +0.4
CLL	Collin 89.60 328 eP	P	P	02 18 31.5 +0.1
CLL	Collin 89.60 328 eP	P	P	02 18 30.9 -0.5
CLL	comp=Z,41nm,1.8s,mb5.5	eP	pmax	
CLL	Collin 89.60 328 eP	P	P	02 18 30.9 -0.5
CLL	comp=Z,41nm,1.8s,mb5.5	eP	pmax	
CLL	Collin 89.60 328 eP	P	P	02 18 30.9 -0.5
CLL	comp=Z,28nm,1.2s	i (sP)	sP	02 18 37.4 +1.5
CLL	comp=Z,100nm,20.2s	LmV		03 11 00.0
MOX	Moxa 89.85 327 eP	P	P	02 18 33.5 +0.9
MOX	comp=Z,78nm,1.8s,mb5.8	eP	pmax	
MOX	Moxa 89.85 327 eP	P	P	02 18 32.6 0.0
MOX	comp=Z,108nm,2.4s,mb5.7	eP	pmax	
MOX	Moxa 89.85 327 eP	P	P	02 18 33.5 +0.9
MOX	comp=Z,78nm,1.8s,mb5.7	eP	pmax	
MOX	Moxa 89.85 327 eP	P	P	02 18 33.5 +0.9
STU	Stuttgart 89.92 325 eP	P	P	02 18 32.7 -0.3
STU	Stuttgart 89.92 325 eP	P	P	02 18 32.7 -0.3
STU	comp=Z,37nm,1.3s,mb5.5	eP	pmax	
STU	Stuttgart 89.92 325 eP	P	P	02 18 32.7 -0.3
RUE	Ruedersdorf 90.00 330 eP	P	P	02 18 33.2 0.0
BFO	Black Forest 90.12 324 eP	P	P	02 18 33.7 -0.2
BFO	comp=Z,56nm,2.0s,mb5.8	eP	pmax	
BFO	Black Forest 90.12 324 eP	P	P	02 18 33.7 -0.2
BFO	comp=Z,56nm,2.0s,mb5.8	eP	pmax	
BFO	Black Forest 90.12 324 eP	P	P	02 18 33.7 -0.2
NEUB	Neuenburg 90.13 328 eP	P	P	02 18 34.0 +0.1
CABF	La Chapelle 90.34 322 eP	P	P	02 18 35.4 +0.4
CABF	La Chapelle 90.34 322 eP	P	P	02 18 35.4 +0.4
CABF	comp=Z,14nm,1.0s,mb5.2	eP	pmax	
CABF	La Chapelle 90.34 322 eP	P	P	02 18 35.4 +0.4
CABF	comp=Z,14nm,1.0s,mb5.2	eP	pmax	
CABF	La Chapelle 90.34 322 eP	P	P	02 18 35.4 +0.4
HINP	Hinteralfeld 90.61 323 eP	P	P	02 18 36.2 0.0
HINP	comp=Z,60nm,1.7s,mb5.4	eP	pmax	
HINP	Hinteralfeld 90.61 323 eP	P	P	02 18 36.2 0.0
HINP	comp=Z,30nm,1.7s,mb5.3	eP	pmax	
HINP	Hinteralfeld 90.61 323 eP	P	P	02 18 36.2 0.0
CDF	Champ du Feu 90.73 324 eP	P	P	02 18 36.9 +0.1
CDF	comp=Z,79nm,1.8s,mb5.4	eP	pmax	
CDF	Champ du Feu 90.73 324 eP	P	P	02 18 36.9 +0.1
CDF	comp=Z,39nm,1.8s,mb5.4	eP	pmax	
CDF	Champ du Feu 90.73 324 eP	P	P	02 18 36.9 +0.1
UBBA	Unterzibbach 90.76 327 eP	P	P	02 18 36.8 0.0
MTLF	Montlieu 90.82 318 eP	P	P	02 18 36.7 -0.6
MTLF	comp=Z,80nm,1.6s,mb5.5	eP	pmax	
MTLF	Montlieu 90.82 318 eP	P	P	02 18 36.7 -0.6
MTLF	comp=Z,40nm,1.6s,mb5.5	eP	pmax	
MTLF	Montlieu 90.82 318 eP	P	P	02 18 36.7 -0.6
HAU	Haudompre 91.00 323 eP	P	P	02 18 38.2 +0.2
HAU	comp=Z,39nm,1.8s,mb5.5	eP	pmax	
HAU	Haudompre 91.00 323 eP	P	P	02 18 38.2 +0.2
HAU	comp=Z,46nm,1.8s,mb5.5	eP	pmax	
HAU	Haudompre 91.00 323 eP	P	P	02 18 38.2 +0.2
CLZ	Clausthal 91.21 328 eP	P	P	02 18 39.1 +0.2
CLZ	Clausthal 91.21 328 eP	P	P	02 18 39.1 +0.2
CLZ	Clausthal 91.21 328 eP	P	P	02 18 39.1 +0.2
KLR	Kul'dur 91.32 36 eP	P	P	02 18 34.3 -5.2
SMF	Signal de Mont 91.64 321 eP	P	P	02 18 41.8 +0.8
SMF	comp=Z,21nm,1.1s,mb5.1	eP	pmax	
SMF	Signal de Mont 91.64 321 eP	P	P	02 18 41.8 +0.8
SMF	comp=Z,10.0nm,1.1s,mb5.1	eP	pmax	
SMF	Signal de Mont 91.64 321 eP	P	P	02 18 41.8 +0.8
FINES	FINES Array B 91.74 341 P	P	P	02 18 40.1 -1.0
FINES	comp=Z,3.9nm,1.0s,mb4.7,baz=138,slow=9.0,SNR=8.7	PP	PP	02 22 20.8 +0.6
EPF	Esparras 91.82 317 eP	P	P	02 18 42.7 +0.7
EPF	comp=Z,49nm,1.6s,mb5.3	eP	pmax	
EPF	Esparras 91.82 317 eP	P	P	02 18 42.7 +0.7
EPF	comp=Z,25nm,1.6s,mb5.3	eP	pmax	
EPF	Esparras 91.82 317 eP	P	P	02 18 42.7 +0.7
RJF	Les Rejaudoux 92.29 319 eP	P	P	02 18 44.0 -0.1
RJF	comp=Z,49nm,1.3s,mb5.4	eP	pmax	
RJF	Les Rejaudoux 92.29 319 eP	P	P	02 18 44.0 -0.1
RJF	comp=Z,24nm,1.3s,mb5.4	eP	pmax	
RJF	Les Rejaudoux 92.29 319 eP	P	P	02 18 44.0 -0.1
ETSF	Etsau 92.32 316 eP	P	P	02 18 44.4 +0.1
ETSF	comp=Z,80nm,1.7s,mb5.5	eP	pmax	
ETSF	Etsau 92.32 316 eP	P	P	02 18 44.4 +0.1
ETSF	comp=Z,40nm,1.7s,mb5.5	eP	pmax	
ETSF	Etsau 92.32 316 eP	P	P	02 18 44.4 +0.1
HABR	Khabarovsk 92.37 39 ePP	P	P	02 18 49.0 +3.2
HABR	comp=Z,40nm,1.7s,mb5.5	eP	pmax	
HABR	Khabarovsk 92.37 39 ePP	P	P	02 18 49.0 +3.2
HABR	comp=Z,40nm,1.7s,mb5.5	eP	pmax	
HABR	Khabarovsk 92.37 39 ePP	P	P	02 18 49.0 +3.2
HABR	comp=Z,70nm,1.8s,mb5.8	eP	pmax	
HABR	comp=N,19nm,1.0s	eP	pmax	
HABR	comp=E,25nm,0.8s	eP	pmax	
ESDC	Sonsec Array 92.97 312 P	P	P	02 18 47.3 -0.1
ESDC	comp=Z,0.9nm,0.7s,mb4.3,baz=108,slow=3.1,SNR=6.5	LR	LR	03 01 42.4
SFS	San Fernando 93.04 309 PFAKE	LR	LR	02 19 00.0 +1.2
SFS	comp=Z,172nm,18.7s,MS4.5,baz=115,slow=36	LR	LR	
PAB	San Pablo 93.17 312 PFAKE	LR	LR	02 19 00.0 +1.2
PAB	comp=Z,884nm,21.0s,MS5.2	LR	LR	
ERM	Erimo 94.33 46 PFAKE	LR	LR	02 19 00.0 +6.4
ERM	comp=Z,303nm,20.0s,MS4.8	LR	LR	
LVR	Lovozero 94.89 347 PFAKE	LR	LR	02 19 10.0 +1.5
LVR	comp=Z,321nm,20.0s,MS4.8	LR	LR	
MTE	Manteigas 95.75 312 PFAKE	LR	LR	02 19 10.0 +1.0
MTE	comp=Z,837nm,20.0s,MS5.2	LR	LR	
YSS	Yuzh-Sakhalins 96.40 41 PFAKE	LR	LR	02 19 10.0 +7.1
YSS	comp=Z,364nm,19.0s,MS4.9	LR	LR	
NB2	NORSAR Subarra 96.56 335 P	P	P	02 18 56.9 -6.4
NB2	comp=Z,85nm,20.0s,MS4.2	LR	LR	
NB2	NORSAR Subarra 96.56 335 P	P	P	02 18 56.9 -6.4
NB2	comp=Z,85nm,20.0s,MS4.2	LR	LR	
NB2	NORSAR Subarra 96.56 335 P	P	P	02 18 56.9 -6.4
NOA	NORSAR Array B 96.56 335 P	P	P	02 19 02.8 -0.4

YAK	comp=Z,1.3nm,0.8s,mb4.4,baz=118,slow=4.3,SNR=3.5	LR	LR	
YAK	Yakutsk 97.95 24 PFAKE	LR	LR	02 19 20.0 +1.0
KEV	comp=Z,475nm,20.0s,MS5.0	LR	LR	
KEV	Kevo 98.01 346 PFAKE	LR	LR	02 19 20.0 +1.0
ARCES	comp=Z,218nm,19.0s,MS4.7	LR	LR	
ARCES	ARCES Array B 98.17 346 LR	LR	LR	03 03 13.2
ARCES	comp=Z,144nm,20.9s,MS4.4,baz=306,slow=35	LR	LR	
MSVF	Nonsavu 99.10 114 PFAKE	LR	LR	02 19 30.0 +1.4
MSVF	comp=Z,626nm,20.0s,MS5.1	LR	LR	
RCBR	Riachuelo 101.56 258 PFAKE	LR	LR	02 19 40.0 +1.4
RCBR	comp=Z,1.1um,20.0s,MS5.4	LR	LR	
TARA	Tarawa 102.92 94 PFAKE	LR	LR	02 19 40.0 +7.9
TARA	comp=Z,237nm,21.0s,MS4.7	LR	LR	
TIXI	Tiksi 103.40 16 PFAKE	LR	LR	02 19 40.0 +5.7
TIXI	comp=Z,576nm,22.0s,MS5.1	LR	LR	
TRQA	Tornquist 103.47 218 PFAKE	LR	LR	02 19 50.0 +1.5
TRQA	comp=Z,935nm,21.0s,MS5.3	LR	LR	
PLCA	Paso Flores 105.86 211 PFAKE	LR	LR	02 24 10.0 +1.2
PLCA	comp=Z,664nm,22.0s,MS5.1	LR	LR	
KBS	Kingsbay 107.28 350 PFAKE	LR	LR	02 24 10.0 +1.1
KBS	comp=Z,260nm,20.0s,MS4.8	LR	LR	
PET	Petropavlovsk 108.14 39 PFAKE	LR	LR	02 24 10.0 +8.3
PET	comp=Z,352nm,20.0s,MS4.9	LR	LR	
BILL	Bilibino 114.31 24 PFAKE	LR	LR	02 24 20.0 +7.0
BILL	comp=Z,583nm,22.0s,MS5.1	LR	LR	
LCO	Las Campanas 115.03 218 PFAKE	LR	LR	02 24 30.0 +1.4
LCO	comp=Z,753nm,22.0s,MS5.3	LR	LR	
LPAZ	La Paz 122.54 300 PKP	PKPdf	PKPdf	02 24 31.1 +0.7
LPAZ	comp=Z,0.5nm,0.5s,baz=130,slow=5.1,SNR=4.1	PKP	PKPdf	
LPAZ	La Paz 122.54 230 ePKPdf	PKPdf	PKPdf	02 24 32.3 +1.9
LPAZ	comp=Z,390nm,12.0s,MS5.1	PKP	PKPdf	
PPT	Papeete 124.03 134 eLR	LR	LR	03 03 03.9
PPT	comp=Z,302nm,29.8s	LR	LR	
NNA	Nana 131.54 227 PFAKE	LR	LR	02 25 00.0 +1.2
NNA	comp=Z,562nm,20.0s,MS5.3	LR	LR	
GRGR	Grenville 132.25 265 PFAKE	LR	LR	02 25 00.0 +1.1
GRGR	comp=Z,375nm,19.0s,MS5.1	LR	LR	
COLA	College 132.31 20 PFAKE	LR	LR	02 25 00.0 +1.2
COLA	comp=Z,241nm,21.0s,MS4.9	LR	LR	
ILAR	Eielsen Array 132.68 20 PKP	PKPdf	PKPdf	02 24 47.2 -1.0
ILAR	comp=Z,0.3nm,0.7s,baz=303,slow=4.5,SNR=1.9	PKP	PKPdf	
ILAR	comp=Z,0.7nm,0.9s,baz=324,slow=4.5,SNR=4.3	PKP	PKPdf	
ILAR	Eielsen Array 132.68 20 PKP	PKPdf	PKPdf	02 27 13.6 +1.0
INK	Inuvik 133.24 11 ePKIP	PKPdf	PKPdf	02 24 49.0 -0.2
ANWB	Willy Bob 134.12 272 PFAKE	LR	LR	02 25 00.0 +7.7
ANWB	comp=Z,404nm,19.0s,MS5.2	LR	LR	
EGAK	Eagle 139.39 18 PFAKE	LR	LR	02 25 00.0 +8.6
EGAK	comp=Z,238nm,20.0s,MS4.9	LR	LR	
KDAK	Kodiak Island 134.64 30 PFAKE	LR	LR	02 25 00.0 +7.9
KDAK	comp=Z,535nm,21.0s,MS5.3	LR	LR	
SJG	San Juan 138.24 271 PFAKE	LR	LR	02 25 10.0 +1.0
SJG	comp=Z,349nm,19.0s,MS5.1	LR	LR	
SDV	Santo Domingo 139.08 256 PFAKE	LR	LR	02 25 10.0 +8.3
SDV	comp=Z,264nm,20.0s,MS5.0	LR	LR	
PKME	Peaks-Kenny Pk 140.30 313 PFAKE	LR	LR	02 25 10.0 +7.0
PKME	comp=Z,501nm,20.0s,MS5.3	LR	LR	
OTAV	Otavalo 141.05 238 ePKPdf	PKPdf	PKPdf	02 25 06.8 +1.4
OTAV	comp=Z,361nm,21.0s,MS5.1	PKP	PKPdf	
YKA	Yellowknife Ar 141.14 3 PP	PP	PP	02 28 05.0 -0.1
YKA	comp=Z,1.2nm,0.9s,baz=0,slow=6.7,SNR=5.3	PP	PP	
LBNH	Lisbon 142.41 313 PFAKE	LR	LR	02 25 20.0 +1.3
LBNH	comp=Z,514nm,20.0s,MS5.3	LR	LR	
WRAK	Wrangell Island 143.66 20 PFAKE	LR	LR	02 25 20.0 +1.1
WRAK	comp=Z,239nm,21.0s,MS4.9	LR	LR	
LONY	Lake Ozonia 144.04 314 PFAKE	LR	LR	02 25 20.0 +1.0
LONY	comp=Z,430nm,20.0s,MS5.2	LR	LR	
NCB	Newcomb 144.06 313 PFAKE	LR	LR	02 25 20.0 +1.0
NCB	comp=Z,388nm,19.0s,MS5.1	LR	LR	
BINY	Binghamton 145.91 311 PFAKE	LR	LR	02 25 20.0 +7.0
BINY	comp=Z,451nm,19.0s,MS5.3	LR	LR	

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like M15A Larsen Ranch, L15A Malad City, HVU Hansel Valley, etc.

ISC/JB 07 02:12.11.7-0.2, 41.72N-0.01:112.35W-0.02, h10km, Error ellipse: s-maj=2.5km s-min=1.7km az=5.4 NEIC 07 02:12.12.0, 41.71N:112.33W, h11km, ML3.1(SLC), After SLC.

NEIC Field [III] at Garland and [II] at Tremonton. Also felt at Feltling, Magna and Snowville. ISC 07 02:12.12.1-0.2, 41.72N-0.01:112.36W-0.02, h10km, m67, r14/119, 12C-14D, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like M15A Larsen Ranch, L15A Malad City, HVU Hansel Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IMW Indian Meadow, TMUT Trail Mountain, FLWY Flagg Ranch, etc.

ISC/JB 07 02:18.12.5-0.5, 52.01N-0.07:178.03E-0.16, h131km, 6km, mb4.0/36, Error ellipse: s-maj=12.4km s-min=5.8km az=163.4 NEIC 07 02:18.14.2, 51.91N:177.94E, h133km, mb4.4/15, After A1C.

ISC 07 02:18.15.5-0.7, 52.08N-1.78, 00E, h144km, 5km, mb3.8/25, mb1.4/0.27, mb1mx3.9/3.1, mbtmp3.8/27, MS3.5/2, Ms1.3/5.2, ms1mx2.7/38, Error ellipse: s-maj=15.0km s-min=8.5km az=161.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AMKA Amchitka, ADK Adak, NIKO Nikolski, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, MKAR Makanahi Array, BVAR Borovoye Array, etc.

DDA 07 02:23.54.2, 37.45N-38.60E, h8km, 7km, Md2.9 ISC/JB 07 02:23.55.5, 37.46N-38.60E, h8km, 7km, Md2.9 Error ellipse: s-maj=10.6km s-min=5.6km az=149.0

ISC 07 02:23.55.6, 37.46N-38.58E, h7km, Md2.2 CSEM 07 02:23.55.6, 37.47N-38.58E, h5km, Md2.7 Error ellipse: s-maj=10.9km s-min=6.4km az=150.0

ISC 07 02:23.55.3, 37.44N-38.57E, h4km, 7km, n17, r0885/27, 1C, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ATAB Bozova, MALT Malatya, AKCD Akcadag, etc.

IDC 07 02:24.58.2:576.0, 33.09N:148.47E, h0km, Error ellipse: s-maj=1136.0km s-min=61.6km az=116.0, North Pacific Ocean

BUI 07 02:39.07.3, 23.73S:69.04E, h10km, mb5.0/19, mb4.8/32, Ms4.7/21, Ms7.4/5/21

ISC/JB 07 02:39.09.1, 0.3, 23.73S:69.05E:0.05, h10km, mb4.7/84, MS4.4/28, Error ellipse: s-maj=7.5km s-min=7.0km az=160.0

IDC 07 02:39.09.1, 0.4, 23.67S:69.49E, h0km, mb4.4/22, mb1.4/5/22, mb1mx4.5/25, mbtmp4.4/22, MS4.2/19, Ms1.4/2/19, ms1mx4.1/28, Error ellipse: s-maj=15.9km s-min=13.0km az=10.0

MOS 07 02:39.09.6, 1.1, 23.61S:69.59E, h10km, mb4.9/33, Error ellipse: s-maj=6.2km s-min=7.2km az=108.8

NEIC 07 02:39.10.7-0.2, 23.72S:69.56E, h10km, mb4.8/31, Error ellipse: s-maj=6.2km s-min=6.6km az=204.0

TEH 07 02:39.11.0, 23.74S:69.61E, h10km

GM 07 02:39.13.1-0.2, 23.45S:69.43E, h12km, MW5.0, Moment Tensor Solution, s30, c33, s79, c118; Moment tensor: Scale 10^16N; Mr-3.62e-10; Mw-1.51e-09; Ms-3.03e-09; M0-0.06e-38; Mw-1.07e-07; NP1.31e-35; Best double couple: M3.8000e+10^16 NP1.31e-32, 0.0000e+0, 0.360000e+0, -1.1020000e+0 NP2.0e+16, 0.0000e+0, 0.650000e+0, -1.020000e+0 Principal axes: T 3.6400, Pg 10.0000, Azm251.0000; N 0.2500, P1g7.0000; Azm342.0000; P 3.8800, P1g78.0000; Azm107.0000; Data Used: II IU IC CN

ISC 07 02:39.09.4:2.3, 23.74S:0.05:69.52E:0.05, h0km, 14km, n218, r099/188, mb4.8/84, MS4.4/28, 11C-13D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ABPO Ambohimpanon, ABPO Ambohimpanon, OPO Ambihatompo, etc.







s-min=12.3km az=77.0
ISCJB 07 04:58:51.9,0.5,4.70N,0.03:126.58E,0.06,h102km,4km,
mb4.4/3,Error ellipse: s-maj=10.2km s-min=4.2km
az=171.7

NEIC 07 04:58:52.7,0.9,4.69N,126.51E,h97km,8km,mb4.6/18,
Error ellipse: s-maj=11.7km s-min=4.6km az=75.0
DJA 07 04:58:55.4,5.1N,126.50E,h100km,mb4.9/8

ISC 07 04:58:53.1,0.4,4.71N,0.03:126.57E,0.06,h96km,4km,
h99km,1.5km;p-P,m89,r1520/93,mb4.4/3,3C-1D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Sangihe, General Santos, Mati, Davao City (W), etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Asahikawa, Gaotai, Armidale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Armidale, Pallekele, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Naumai, Black Stump Fm, Paritu Road, etc.

IDC 07 06:35:54.6:584.0,33.24N:148.74E,h0km,Error ellipse:
s-maj=1155.0km s-min=62.1km az=116.0, North Pacific
Ocean

ISCJB 07 06:39:29.3:0.5,45.73N:0.07:142.6E,0.1,h349km,4km,
mb3.1/8,Error ellipse: s-maj=12.6km s-min=10.5km
az=7.7

NEIC 07 06:39:29.4,45.81N:142.72E,h346km,MG3.3(JMA),
After JMA

IDC 07 06:39:29.0:0.8,46.05N:142.74E,h330km,10km,mb2.9/8,
mb1.3/9,mb1mx3.0/22,mbtm2.9/9,Error ellipse:
s-maj=22.6km s-min=17.9km az=162.0

JMA 07 06:39:29.4:0.2,45.81N:142.72E,h346km,2km, M3.3
ISC 07 06:39:30.1:0.5,45.73N:0.07:142.6E,0.1,h343km,4km,
n31,r1595/42,mb3.1/8,Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Koyohji, Seiyao, Rishiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Nemuro 2, Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Nemuro 2, Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Nemuro 2, Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Nemuro 2, Urakawa-nobuka, etc.

ISCJB 07 06:39:38.2:1.1,36.03N:0.05:141.3E,0.1,h43km,11km,
mb3.1/2,Error ellipse: s-maj=15.4km s-min=8.1km
az=174.9

JMA 07 06:39:38.6:0.1,36.05N:141.25E,h42km,2km, M2.8
IDC 07 06:39:38.9:0.4,36.01N:141.47E,h32km,64km,mb3.0/2,
mb1.3/4,5,mb1mx3.2/25,mbtm3.5/5,ML3.3,3,Error
ellipse: s-maj=75.3km s-min=25.7km az=65.0

ISC 07 06:39:38.1:1.5,36.05N:0.05:141.4E,0.1,h28km,10km,
n13,r082/17,mb3.1/2,Near east coast of eastern
Honsu

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

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

IDC 07 06:43:14.7:0.6,17.17S:172.84W,h0km,mb4.1/13,
mb1.4/11,mb1mx3.2/20,mbtm4.2/13,MS3.8/10,
M3.1.3/10,ms1mx3.5/27,Error ellipse: s-maj=26.6km
s-min=16.2km az=139.0

NEIC 07 06:43:21.4:0.5,17.25S:172.92W,h45km,mb4.2/6,Error
ellipse: s-maj=21.4km s-min=12.0km az=134.0

ISC 07 06:43:20.4:0.5,17.25S:173.0W,0.1,h35km,n56,
r1501/26,mb4.1/20,MS3.9/9,Tonga Islands region

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



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

IDC 07 07:33:24.3:587.0,33.99N-147.59E,h0km, Error ellipse: s-maj=1162.0km s-min=57.1km az=115.0, Off east coast of Honshu

ISCJB 07 07:45:00.7:1.5, 10.83N:0.06:86.79W:0.06, h15km, 11km, mb3.2/3, Error ellipse: s-maj=13.1km s-min=6.0km az=139.5

CASC 07 07:45:02.9:3.4, 10.90N:86.67W, h14km, 12km, MD3.7, ML3.2

IDC 07 07:45:02.1:2.6, 11.61N:86.28W, h0km, mb3.3/3, mb1.3/3, mb1mx3.5/21, mbtmp3.3/3, Error ellipse: s-maj=239.3km s-min=53.6km az=54.0

ISC 07 07:45:01.7:1.8, 10.90N:0.06:86.70W:0.07, h12km, 11km, n26, c081/31, mb3.2/3, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSN, CRUN, NY14, etc.

ISCJB 07 07:45:42.6:2.1, 48.6N:0.2:154.8E:0.2, h73km, 19km, mb3.3/7, Error ellipse: s-maj=36.3km s-min=13.1km az=140.2

NEIC 07 07:45:44.6:1.6, 48.62N:154.79E, h75km, 15km, Error ellipse: s-maj=30.3km s-min=11.4km az=137.0

IDC 07 07:45:44.3:2.4, 48.67N:154.69E, h82km, 30km, mb3.3/7, mb1.3/6, mb1mx3.4/24, mbtmp3.4/9, Error ellipse: s-maj=37.5km s-min=17.3km az=145.0

ISC 07 07:45:44.8:1.7, 48.68N:0.2:154.8E:0.2, h76km, 16km, n13, c091/13, mb3.3/7, Kuril Islands

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

IDC 07 07:54:06.5:569.0, 33.61N:148.31E, h0km, Error ellipse: s-maj=1125.0km s-min=63.8km az=116.0, North Pacific Ocean

IDC 07 07:55:08.7:1.9, 0.43N:126.52E, h0km, mb3.3/3, mb1.3/3, mb1mx3.4/17, mbtmp3.4/3, Error ellipse: s-maj=163.6km s-min=25.0km az=65.0, Northern Molucca Sea

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

IDC 07 08:13:51.2:591.0, 33.88N:148.04E, h0km, Error ellipse: s-maj=1170.0km s-min=56.1km az=115.0, North Pacific Ocean

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

IDC 07 08:13:57.4:2.2, 56.83S:140.63W, h0km, mb3.7/2, mb1.3/9/2, mb1mx3.7/13, mbtmp3.7/2, MS3.7/6, Ms1 3.7/6, ms1mx3.5/23, Error ellipse: s-maj=461.4km s-min=47.4km az=177.0, Pacific-Antarctic Ridge

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

IDC 07 08:23:27.4:1.5, 16.58S:173.23W, h0km, mb3.7/7, mb1.4/1.8, mb1mx3.9/20, mbtmp3.7/8, ML1.6/1, MS3.6/1, Ms1 3.6/1, ms1mx2.6/28, Error ellipse: s-maj=64.2km s-min=19.7km az=142.0, Tonga Islands

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

IDC 07 08:23:48.9:1.7, 5.18N:126.98E, h0km, mb3.8/5, mb1.4/0.5, mb1mx3.7/21, mbtmp3.8/5, Error ellipse: s-maj=101.1km s-min=23.3km az=67.0, Mindanao

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

IDC 07 08:31:54.7:612.0, 34.17N:147.15E, h0km, Error ellipse: s-maj=1211.0km s-min=58.2km az=115.0, Off east coast of Honshu

JMA 07 08:38:19.9:0.1, 28.95N:139.50E, h510km, M3.8, ISCJB 07 08:38:20.8:0.5, 28.98N:0.05:139.3E:0.1, h485km, 6km, mb3.2/2, Error ellipse: s-maj=17.9km s-min=6.3km az=168.0

IDC 07 08:38:21.4:0.7, 28.93N:139.17E, h470km, gm, mb2.9/9, mb1.3/1/13, mb1mx2.9/26, mbtmp2.9/13, Error ellipse: s-maj=24.2km s-min=9.2km az=83.0

NEIC 07 08:38:21.6:0.9, 28.94N:139.09E, h473km, 11km, mb4.1/1, Error ellipse: s-maj=24.5km s-min=10.0km az=82.0

ISC 07 08:38:21.9:0.5, 29.01N:0.05:139.4E:0.1, h479km, 6km, n29, c096/39, mb3.2/9, Southeast of Honshu

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

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

IDC 07 08:51:28.2:645.0, 34.43N:146.25E, h0km, Error ellipse: s-maj=1275.0km s-min=61.0km az=114.0, Off east coast of Honshu

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

IDC 07 08:51:28.2:645.0, 34.43N:146.25E, h0km, Error ellipse: s-maj=1275.0km s-min=61.0km az=114.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDT, N31, etc.

IDC 07 08:51:28.2:645.0, 34.43N:146.25E, h0km, Error ellipse: s-maj=1275.0km s-min=61.0km az=114.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDT, N31, etc.





Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like ABKAR Akbulak array, FITZ Fitzroy Crossi, MAJJO Matsushiro, etc.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like YSS comp=Z,200nm,18.0s,MS4.2, YSS Yuzh-Sakhalins, SOC Sochi, etc.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like JOF Joensuu, IDID Didziasalis, IGIN Ignalina, etc.





PALMER	91.51	24	eP	P	09 13 30.7	-0.1
SML	91.72	24	eP	P	09 13 32.1	+0.4
SML	91.72	24	eP	P	09 13 32.1	+0.4
KD&K	91.86	29	iP	P	09 13 33.2	+0.7
PAX	92.23	21	eP	P	09 13 34.0	0.0
PAX	92.23	21	eP	P	09 13 34.0	+0.1
DOT	92.34	22	eP	P	09 13 34.5	-0.1
INK	92.59	16	eP	P	09 13 35.1	-0.5
INK	92.59	16	eP	P	09 13 35.1	-0.5
ENGAK	92.67	20	eP	P	09 13 35.7	-0.4
MENT	92.88	22	eP	P	09 13 38.0	+0.9
DAWY	93.72	20	eP	P	09 13 40.9	0.0
DBIC	95.55	278	P	P	09 13 50.9	+0.5
DBIC	95.55	278	P	P	09 13 50.9	+0.5
SKAG	98.23	22	eP	P	09 14 01.6	+0.1
YKA	101.88	12	P	Pdf	09 14 16.8	-1.0
YKA	101.88	12	P	P	09 14 16.8	-1.0
YKA	101.88	12	P	P	09 14 16.8	-1.0
A13A	113.96	19	iP	PKIKP	09 19 03.7	+0.3
A17A	115.06	17	iP	PKIKP	09 19 05.4	-0.1
B15A	115.08	18	iP	PKIKP	09 19 05.0	-0.5
A18A	115.31	16	iP	PKIKP	09 19 05.6	-0.4
G08A	115.45	24	iP	PKIKP	09 19 06.1	-0.3
F10A	115.54	22	iP	PKIKP	09 19 06.4	-0.1
C13A	115.58	18	iP	PKIKP	09 19 06.2	-0.3
D15A	115.56	20	iP	PKIKP	09 19 05.8	-0.7
A19A	115.60	15	iP	PKIKP	09 19 05.9	+0.6
D14A	115.88	19	iP	PKIKP	09 19 06.7	-0.4
MSO	115.96	20	iP	PKIKP	09 19 06.5	-0.8
EGMT	116.16	16	iP	PKIKP	09 19 07.5	-0.2
C17A	116.23	17	iP	PKIKP	09 19 07.4	-0.4
D16A	116.54	18	iP	PKPdf	09 19 08.2	-0.2
C19A	116.61	16	iP	PKPdf	09 19 08.9	+0.4
ULM	116.64	6	PKP	PKPdf	09 19 07.5	-1.0
ULM	116.64	6	PKP	PKPdf	09 19 07.5	-1.0
K05A	116.72	27	iP	PKPdf	09 19 09.7	+0.8
C20A	116.91	15	iP	PKPdf	09 19 09.3	+0.2
E16A	116.94	18	iP	PKPdf	09 19 09.0	-0.2
D19A	117.18	16	iP	PKPdf	09 19 09.4	-0.2
J08A	117.24	25	iP	PKPdf	09 19 10.3	+0.5
G14A	117.51	20	iP	PKPdf	09 19 10.4	+0.1
H12A	117.63	22	iP	PKPdf	09 19 10.2	-0.3
BOZ	117.75	19	iP	PKPdf	09 19 10.7	-0.1
F17A	117.82	18	iP	PKPdf	09 19 11.0	+0.1
H13A	117.83	21	iP	PKPdf	09 19 10.8	-0.2
E19A	117.85	16	iP	PKPdf	09 19 10.4	-0.5
A20A	117.99	16	iP	PKPdf	09 19 11.3	+0.1
G16A	118.07	19	iP	PKPdf	09 19 11.4	-0.1
H14A	118.09	21	iP	PKPdf	09 19 11.5	0.0
F18A	118.10	17	iP	PKPdf	09 19 11.3	-0.1
I12A	118.18	22	iP	PKPdf	09 19 12.0	+0.4
GCMT	118.22	17	ePKPdf	PKPdf	09 19 11.6	0.0
E21A	118.23	15	iP	PKPdf	09 19 12.2	+0.5
MFID	118.24	23	iP	PKPdf	09 19 12.2	+0.4
LAO	118.31	14	iP	PKPdf	09 19 11.8	0.0
LAO	118.31	14	iP	PKPdf	09 19 11.8	0.0
F19A	118.37	17	iP	PKPdf	09 19 12.2	+0.4
I13A	118.44	22	iP	PKPdf	09 19 12.3	0.0
F20A	118.64	16	iP	PKPdf	09 19 12.2	-0.3
HLID	118.64	22	iP	PKPdf	09 19 13.0	+0.4
I14A	118.67	21	iP	PKPdf	09 19 12.9	+0.3
J13A	118.87	22	iP	PKPdf	09 19 13.8	+0.8
RLMT	118.94	17	iP	PKPdf	09 19 13.7	+0.6
RLMT	118.94	17	ePKPdf	PKPdf	09 19 13.0	-0.1
G20A	119.15	17	iP	PKPdf	09 19 13.5	0.0
J14A	119.17	21	iP	PKPdf	09 19 14.1	+0.5
I16A	119.38	20	iP	PKPdf	09 19 14.3	+0.4
H19A	119.44	17	iP	PKPdf	09 19 14.7	+0.6
J15A	119.48	21	iP	PKPdf	09 19 14.8	+0.6
K14A	119.97	22	iP	PKPdf	09 19 15.7	+0.6
WCN	119.98	28	iP	PKPdf	09 19 15.5	+0.3
SNOW	119.99	19	ePKPdf	PKPdf	09 19 15.6	+0.4
REDW	120.04	19	ePKPdf	PKPdf	09 19 15.7	+0.4
K15A	120.08	21	iP	PKPdf	09 19 15.7	+0.3
J17A	120.09	19	iP	PKPdf	09 19 15.4	0.0
K16A	120.27	20	iP	PKPdf	09 19 16.4	+0.7
I20A	120.34	17	iP	PKPdf	09 19 15.8	0.0
L14A	120.40	22	iP	PKPdf	09 19 16.0	0.0
J18A	120.45	19	iP	PKPdf	09 19 16.2	+0.1
J19A	120.70	18	iP	PKPdf	09 19 16.7	+0.2
I21A	120.70	16	iP	PKPdf	09 19 16.1	-0.4
L15A	120.73	21	iP	PKPdf	09 19 16.1	-0.5
WAKR	120.77	29	ePKPdf	PKPdf	09 19 17.6	+0.8
J20A	120.90	17	iP	PKPdf	09 19 16.7	-0.2
K18A	120.96	19	iP	PKPdf	09 19 16.9	-0.1
BW06	120.99	19	iP	PKPdf	09 19 16.6	-0.5
PDAR	120.99	19	PKP	PKPdf	09 19 16.0	-1.1

PDAR	121.09	17	iP	PKP	09 20 43.6	-1.8
PDAR	121.09	17	iP	PKP	09 20 43.6	-1.8
J21A	121.19	17	iP	PKP	09 20 43.6	-1.8
K19A	121.16	18	iP	PKP	09 20 43.6	-1.8
M15A	121.18	22	iP	PKP	09 20 43.6	-1.8
RSSD	121.25	14	ePKIP	PKP	09 20 43.6	-1.8
J22A	121.30	16	iP	PKP	09 20 43.6	-1.8
NVAR	121.35	28	PKP	PKP	09 20 43.6	-1.8
NVAR	121.35	28	PKP	PKP	09 20 43.6	-1.8
HWUT	121.37	21	ePKP	PKP	09 20 43.6	-1.8
K20A	121.46	18	iP	PKP	09 20 43.6	-1.8
L18A	121.60	20	iP	PKP	09 20 43.6	-1.8
M16A	121.60	21	iP	PKP	09 20 43.6	-1.8
M17A	121.80	20	iP	PKP	09 20 43.6	-1.8
K10A	121.81	17	iP	PKP	09 20 43.6	-1.8
Q21A	121.87	26	iP	PKP	09 20 43.6	-1.8
K22A	121.99	16	iP	PKP	09 20 43.6	-1.8
L20A	122.06	18	iP	PKP	09 20 43.6	-1.8
DUG	122.16	23	iP	PKP	09 20 43.6	-1.8
DUG	122.16	23	iP	PKP	09 20 43.6	-1.8
Q11A	122.17	26	iP	PKP	09 20 43.6	-1.8
O15A	122.21	22	iP	PKP	09 20 43.6	-1.8
N17A	122.21	22	iP	PKP	09 20 43.6	-1.8
R10A	122.36	27	iP	PKP	09 20 43.6	-1.8
L21A	122.39	17	iP	PKP	09 20 43.6	-1.8
DAU	122.53	21	ePKIP	PKP	09 20 43.6	-1.8
S10A	122.54	27	iP	PKP	09 20 43.6	-1.8
M20A	122.58	18	iP	PKP	09 20 43.6	-1.8
P14A	122.58	23	P	PKP	09 20 43.6	-1.8
R11A	122.62	16	iP	PKP	09 20 43.6	-1.8
L23A	122.71	16	iP	PKP	09 20 43.6	-1.8
M21A	122.72	18	iP	PKP	09 20 43.6	-1.8
N19A	122.81	19	iP	PKP	09 20 43.6	-1.8
O17A	122.91	21	iP	PKP	09 20 43.6	-1.8
ECSD	122.98	8	ePKP	PKP	09 20 43.6	-1.8
Q14A	123.02	24	iP	PKP	09 20 43.6	-1.8
YES	123.06	30	iP	PKP	09 20 43.6	-1.8
V18A	123.10	20	iP	PKP	09 20 43.6	-1.8
S11A	123.14	27	iP	PKP	09 20 43.6	-1.8
N20A	123.15	19	iP	PKP	09 20 43.6	-1.8
Q15A	123.26	23	P	PKP	09 20 43.6	-1.8
O19A	123.30	20	iP	PKP	09 20 43.6	-1.8
PKM	123.42	32	iP	PKP	09 20 43.6	-1.8
R13A	123.44	25	iP	PKP	09 20 43.6	-1.8
N21A	123.45	18	iP	PKP	09 20 43.6	-1.8
ISA	123.50	30	iP	PKP	09 20 43.6	-1.8
M24A	123.55	15	iP	PKP	09 20 43.6	-1.8
S12A	123.56	26	iP	PKP	09 20 43.6	-1.8
P18A	123.58	21	iP	PKP	09 20 43.6	-1.8
FURC	123.61	28	iP	PKP	09 20 43.6	-1.8
MPMC	123.65	29	iP	PKP	09 20 43.6	-1.8
T11A	123.71	26	iP	PKP	09 20 43.6	-1.8
O20A	123.80	19	iP	PKP	09 20 43.6	-1.8
MSU	123.86	23	ePKIP	PKP	09 20 43.6	-1.8
Q16A	123.88	22	iP	PKP	09 20 43.6	-1.8
U10A	123.90	28	iP	PKP	09 20 43.6	-1.8
S13A	124.00	25	iP	PKP	09 20 43.6	-1.8
P19A	124.01	20	iP	PKP	09 20 43.6	-1.8
LRMC	124.03	30	iP	PKP	09 20 43.6	-1.8
R15A	124.09	23	iP	PKP	09 20 43.6	-1.8
Q18A	124.09	21	P	PKP	09 20 43.6	-1.8
S14A	124.12	24	iP	PKP	09 20 43.6	-1.8
P10A	124.32	19	iP	PKP	09 20 43.6	-1.8
R16A	124.33	23	P	PKP	09 20 43.6	-1.8
SHOC	124.35	28	iP	PKP	09 20 43.6	-1.8
T12A	124.36	26	iP	PKP	09 20 43.6	-1.8
EDW2	124.36	30	iP	PKP	09 20 43.6	-1.8
Q23A	124.42	17	iP	PKP	09 20 43.6	-1.8
T13A	124.45	25	iP	PKP	09 20 43.6	-1.8
R17A	124.49	22	iP	PKP	09 20 43.6	-1.8
S15A	124.52	24	iP	PKP	09 20 43.6	-1.8
G5C	124.59	29	iP	PKP	09 20 43.6	-1.8
P21A	124.60	19	iP	PKP	09 20 43.6	-1.8
U12A	124.68	26	iP	PKP	09 20 43.6	-1.8
P22A	124.75	18	iP	PKP	09 20 43.6	-1.8
T14A	124.76	25	iP	PKP	09 20 43.6	-1.8
S16A	124.77	23	P	PKP	09 20 43.6	-1.8
R18A	124.81	21	iP	PKP	09 20 43.6	-1.8
Q20A	124.85	20	iP	PKP	09 20 43.6	-1.8
ISCO	124.89	17	iP	PKP	09 20 43.6	-1.8
U13A	124.94	26	iP	PKP	09 20 43.6	-1.8
T15A	124.98	24	iP	PKP	09 20 43.6	-1.8
R19A	125.12	21	iP	PKP	09 20 43.6	-1.8
V12A	125.14	27	iP	PKP	09 20 43.6	-1.8
S17A	125.15	22	iP	PKP	09 20 43.6	-1.8
P23A	125.22	17	iP	PKP	09 20 43.6	-1.8
U14A	125.27	25	iP	PKP	09 20 43.6	-1.8

Q22A	125.37	18	iP	PKP	09 19 26.2	+0.6
BBCR	125.38	30	iP	PKP	09 19 26.7	+0.9
V13A	125.41	26	iP	PKP	09 19 27.0	+1.2
T16A	125.45	23	iP	PKP	09 19 26.2	+0.4
R20A	125.51	20	iP	PKP	09 19 26.4	+0.5
GMRC	125.55	28	iP	PKP	09 19 27.5	+1.4
P25A	125.56	16	iP	PKP	09 19 26.1	+0.1
R21A	125.62	19	iP	PKP	09 19 26.3	

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LZA0, WAZ5, Y17A, etc.

NEIC 07:09:06:40.4, 32:67S:71:48W, h15km, ML2.9(GUC), After GUC.

GUC 07:09:06:40.4, 0.7, 32:67S:71:48W, h15km, 4km, MD3.7, ML2.9, 12C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ROCH, JACH, LCHC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ANTU, FCH, PCH, etc.

IDC 07:10:20:8.754, 0.34:11N:147.27E, h0km, Error ellipse: s-maj=1490.0km s-min=58.4km az=114.0, Off east coast of Honshu

DJA 07:09:22:44.8, 44S:118:74E, h200km, MLv3.7/3, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BMNI, BKSI, SRBI, etc.

KRSC 07:09:23:41.1, 0.9, 53:97N:161:46E, h25km, 24km, ML3.5, Off east coast of Kamkatpa Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKZ, KII, SPN, etc.

IDC 07:09:27:22.4, 4.5, 30:44N:82:68E, h0km, mb3.5/2, mb1.3/4, mb1mx3.4/26, mbtmp3.4/4, ML4.3/1, Error ellipse: s-maj=173.4km s-min=27.5km az=65.0

ISCBJ 07:09:27:31.6, 3.1, 30:9N:0:1:83:5E:0:2, h77km, 44km, Error ellipse: s-maj=31.4km s-min=19.6km az=175.8

ISOC 07:09:27:32.2, 6.2, 30:9N:0:1:83:6E:0:2, h64km, 40km, n5, r1910.6, Xizang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PTH, MKAR, CMAR, etc.

IDC 07:09:36:31.4, 5.7, 10:75S:160:98E, h47km, 49km, mb3.4/4, mb1.3/7.4, mb1mx3.4/17, mbtmp3.4/4, Error ellipse: s-maj=44.4km s-min=26.0km az=119.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HNR, WRA, ASAR, etc.

NIED 07:10:03:00.42:30N, 143:00E, h53km, Mw3.7 Best double couple: M4, 46000-1014, NP1=33.00000, 867.00000, 1.93.00000, NP2=206.00000, 823.00000, 833.00000

MOS 07:10:03:37.6:1.3, 42:20N:142:97E, h65km, mb4.0/1, Error ellipse: s-maj=23.7km s-min=11.8km az=98.2

ISCBJ 07:10:03:37.6:0.5, 42:25N:0:05:143:03E:0:08, h64km, 3km, mb3.8/12, Error ellipse: s-maj=10.7km s-min=7.1km az=19.8

JMA 07:10:03:39.3:0.1, 42:30N:143:02E, h49km, 1km, M3.5 Broadband fault plane solution: P waves. NP1: 0.233.00000, 330.00000, 112.00000, NP2: 0.28.00000, 863.00000, 178.00000, Principal axes: T JAR Azm34.00000, Azm273.00000, N Plg11.00000, Azm34.00000, P Plg177.00000, Azm127.00000

JMA Felt J1, IDC 07:10:03:39.0:1.9, 42:30N:143:01E, h61km, 15km, mb3.5/11, mb1.3/7.13, mb1mx3.5/25, mbtmp3.6/13 Error ellipse: s-maj=24.8km s-min=12.8km az=94.0

NEIC 07:10:03:39.4, 42:31N:143:02E, h49km, mb4.0/1, After JMA.

ISOC 07:10:03:38.7:0.5, 42:28N:0:04:143:03E:0:08, h57km, 3km, n30, 0:964/37, mb3.8/12, 5C-2D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JNBK, JER, JCH, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ASAJ, ASAH, ASAJ, etc.

IDC 07:10:04:32.7:12.0, 6:75S:129:55E, h153km, 121km, mb3.4/2, mb1.3/4, mb1mx3.1/16, mbtmp3.2/4, ML3.2/2, Error ellipse: s-maj=257.3km s-min=38.1km az=62.0, Banda Sea

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

IDC 07:10:17:17.0:1.0, 8:97S:157:83E, h0km, mb3.8/6, mb1.4/7, mb1mx3.9/17, mbtmp3.8/7, ML3.3/1, MS3.4/3, MS1.3/4, ms1mx2.9/22, Error ellipse: s-maj=35.6km s-min=21.1km az=149.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HNR, CTA, WRA, ASAR, etc.

IDC 07:10:30:34.5:8.7, 24:42S:179:55E, h535km, 80km, mb3.4/4, mb1.3/6.5, mb1mx3.1/18, mbtmp3.4/5, Error ellipse: s-maj=86.5km s-min=24.3km az=42.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like UTA, CRZ, ASAR, etc.

ISCBJ 07:10:49:54.8:0.5, 11:14S:0:05:78:23W:0:08, h47km, mb4.2/20, MS4.0/7, Error ellipse: s-maj=12.1km s-min=5.4km az=149.4

IDC 07:10:49:57.3:0.6, 11:05S:78:16W, h50km, 5km, mb3.7/10, mb1.3/9.13, mb1mx3.8/23, mbtmp3.7/13, MS3.7/8, MS1.3/7.8, ms1mx3.5/24, Error ellipse: s-maj=16.7km s-min=5.4km az=8.0

NEIC 07:10:49:57.5:0.5, 11:01S:78:08W, mb4.7/10, Error ellipse: s-maj=15.5km s-min=7.0km az=57.0

NEIC Felt [I] at Barranca and Supe; [II] at Huacho and Lima. ISOC 07:10:49:57.2:0.4, 11:13S:0:05:78:15W:0:07, h49km, h49km, 1.5km, pP-P, n45, r1912/38, mb4.2/20, MS4.0/7, Off coast of Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NNA, NNA, NNA, etc.





Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists various stations like CTKS, KRYS, BALB, etc.

ISCJB 07 12:52:07.3-0.7, 38.48N, 0.03-23.56E, 0.04, h10km, 5km, Error ellipse: s-maj=5.3km s-min=3.9km az=143.2

ATH 07 12:52:08.6, 38.42N, 23.39E, h2km, MD2.7E, MDL2.3 CSEM 07 12:52:08.2-0.2, 38.48N, 23.47E, h15km, MD2.7, Error ellipse: s-maj=4.9km s-min=3.5km az=59.0

THE 07 12:52:08.9, 38.49N, 23.46E, h9km, 3km, ML2.1/8, Error ellipse: s-maj=3.5km s-min=0.9km az=55.0

ISC 07 12:52:08.5-0.5, 38.48N, 0.02-23.49E, 0.03, h14km, 4km, n34, -1:02/62, Greece

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

ISCJB 07 12:54:29.9, 1.6, 15.9N, 0.1:94.79E, 0.06, h44km, 13km, mb3.9/17, MS3.8/1, Error ellipse: s-maj=18.8km s-min=7.7km az=20.7

NEIC 07 12:54:30.7-0.5, 17.76N, 94.68E, h35km, mb4.5/1, Error ellipse: s-maj=11.1km s-min=8.2km az=188.0

IDD 07 12:54:32.1, 5.7, 15.86N, 94.80E, h45km, 5.1km, mb3.6/10, mb1.3/8.1, mb1mx3.6/24, mbtmp3.6/11, ML4.2/1, Error ellipse: s-maj=42.0km s-min=15.5km az=52.0

ISC 07 12:54:31.7, 1.4, 15.8N, 0.1:94.78E, 0.06, h43km, 11km, n38, -0:086/42, mb3.9/17, MS3.8/1, Near south coast of Myanmar

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like CM31, CMAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like CMAR, CHG, CHG, etc.

NEIC 07 12:59:46.6, 1.7, 16.48S, 173.78W, h51km, 16km, mb4.0/2, Error ellipse: s-maj=31.5km s-min=11.4km az=134.0

IDD 07 12:59:51.6, 0.9, 16.53S, 173.82W, h95km, 7km, mb3.6/8, mb1.3/9.8, mb1mx3.7/19, mbtmp3.6/8, Error ellipse: s-maj=41.2km s-min=15.5km az=141.0

ISC 07 12:59:51.8-0.7, 16.6S, 0.2:173.8W, 0.2, h98km, h98km, 2.4km, p-P, n14, -0:071/17, mb3.8/8, Tonga Islands

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

NEIC 07 13:28:46.2, 0.8, 0.84N, 126.07E, h0km, mb4.0/8, mb1.4/2.6, mb1mx3.9/17, mbtmp4.1/6, MS3.4/3, Ms1.3/4.3, ms1mx2.9/24, Error ellipse: s-maj=102.4km s-min=21.1km az=66.0

ISCJB 07 13:28:47.2, 0.5, 0.76N, 125.78E, h10km, mb4.6/1, Error ellipse: s-maj=18.5km s-min=9.2km az=79.0

NEIC 07 13:28:52.2, 0.5, 0.78N, 0.05:126.12E, 0.04, h65km, 6km, mb4.0/10, Error ellipse: s-maj=8.1km s-min=5.6km az=24.6

DJA 07 13:28:52.0, 0.77N, 126.12E, h17km, MLV4.1/8

ISC 07 13:28:53.3, 0.5, 0.79N, 0.05:126.14E, 0.04, h57km, 6km, n30, -0:095/35, mb4.1/10, Northern Molucca Sea

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

ISCJB 07 13:51:25.6, 0.6, 1.11N, 170.0:03:61.85W, 0.04, h65km, 9km, Error ellipse: s-maj=6.4km s-min=4.4km az=34.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like NLAI, MRSI, TTSI, etc.

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region

ISC 07 13:40:19.4, 3.1, 7.27S, 150.85E, h0km, mb3.0/3, mb1.3/4.3, mb1mx3.2/15, mbtmp3.1/3, Error ellipse: s-maj=227.7km s-min=30.4km az=128.0, New Britain region







Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC	
KSH	comp=N,180nm,0.4s										
KSH	comp=N,180nm,0.4s										
AML	comp=E,100nm,0.3s	5.99	18	P	Pn	17 21	08.5	+0.6			
Almayshu	SNR=109										
AML	Almayshu	5.99	18	eP	Pn	17 21	08.3	+0.4			
KZA	comp=E,52nm,0.4s	6.42	27	P	Pn	17 21	14.5	+0.7			
KZart	SNR=24										
KZart	KZart	6.42	27	eP	Pn	17 21	13.8	0.0			
EKS2	Erkin-Say	6.51	16	P	Pn	17 21	15.3	+0.3			
SNR=34											
EKS2	Erkin-Say	6.51	16	eP	Pn	17 21	15.2	+0.2			
comp=E,20nm,0.7s											
AAK	Ala-Archa	6.67	21	P	Pn	17 21	18.0	+0.9			
SNR=7.6											
AAK	Ala-Archa	6.67	21	Pn	Pn	17 21	18.2	+1.1			
AAK	Ala-Archa	6.67	21	Sn	Sn	17 22	30.9	-0.7			
SNR=1.1											
KK31	Karatay Array	6.68	355	↑P	Pn	17 21	17.0	-0.4			
comp=E,20nm,0.4s,baz=178,slow=13,SNR=355											
KK31	comp=E,5.8nm,0.4s,baz=181,slow=22,SNR=7.1					17 22	28.2	-3.7			
SNR=7.1											
KKAR	Karatay Array	6.68	355	ePN	Pn	17 21	16.9	-0.4			
comp=Z,41nm,0.3s											
KKAR	Karatay Array	6.68	355	eP	Pn	17 21	16.9	-0.4			
comp=Z,11m,0.3s											
SDNR	Sundarnagar	6.83	135	eS	x	17 21	40.5				
SDNR	Sundarnagar	6.83	135	eS	Sn	17 22	28.5	-7.1			
KBK	Karakaybulak	6.83	23	P	Pn	17 21	20.2	+1.0			
SNR=7.6											
FRU	Bishkek	6.89	21	iPN	Pn	17 21	21.0	+0.9			
CHMS	Chumysh	7.08	21	P	Pn	17 21	23.0	+0.4			
SNR=5.1											
SMLA	Simila	7.21	136	iP	Pn	17 21	22.2	-2.4			
SMLA	Simila	7.21	136	iS	Sn	17 22	36.3	-8.7			
SMLA	Simila	7.21	136	iS	Sn	17 22	36.9	-8.1			
USP	Ospenovka	7.26	19	P	Pn	17 21	25.6	+0.5			
SNR=8.6											
TKM2	Tokmak 2	7.28	26	P	Pn	17 21	26.1	+0.7			
SNR=23											
TKM2	Tokmak 2	7.28	26	ePN	Pn	17 21	26.0	+0.6			
comp=Z,25nm,0.7s											
TKM2	Tokmak 2	7.28	26	eP	Pn	17 21	25.9	+0.5			
comp=Z,25nm,0.7s											
KLP	Kalpa	7.58	128	ePKP	Pn	17 21	28.2	-1.4			
KLP	Kalpa	7.58	128	eS	Sn	17 22	43.5	-8.5			
JOSI	Joshimath	9.06	128	ePKP	Pn	17 21	48.3	-1.4			
JOSI	Joshimath	9.06	128	eS	Sn	17 21	52.8				
comp=Z,12nm,0.5s											
JOSI	Joshimath	9.06	128	eS	Sn	17 23	22.6	-7.4			
KHET	Khetri	9.18	154	eS	Sn	17 23	23.2	-1.0			
KUDL	Kundal	9.37	150	eS	x	17 23	21.3				
SONA	Sohna	9.52	147	eS	AMB	17 22	22.8				
SONA	Sohna	9.52	147	eS	AMB	17 22	25.7				
comp=Z,5.5nm,0.5s											
SONA	Sohna	9.52	147	eS	Sn	17 23	31.0	-1.0			
AGRA	Agra	10.78	146	eS	Sn	17 23	59.9	-1.2			
MKAN31	Makanchi Array	13.21	35	eP	Pn	17 22	44.0	-1.0			
MKAN31	Makanchi Array	13.21	35	eP	Pn	17 22	44.5	-0.5			
comp=Z,0.1nm,0.3s,baz=221,slow=16,SNR=7.0											
KURK	Kurchatov	15.22	18	eP	Pn	17 23	13.0	+2.3			
KURK	Kurchatov	15.22	18	eP	Pn	17 23	13.0	+2.4			
comp=Z,4.2nm,0.8s											
AB31	Abkula array	15.25	331	↑P	Pn	17 23	08.9	-2.2			
comp=Z,0.8nm,0.3s,baz=114,slow=14,SNR=47											
AB31	Abkula array	15.25	331	↑P	Pn	17 23	08.9	-2.2			
comp=Z,0.9nm,0.4s,baz=150,slow=23,SNR=8.0											
ABKAR	Abkula array	15.25	331	eP	Pn	17 23	09.0	-2.1			
comp=Z,1.9nm,0.3s											
BVA0	Borovoye Array	16.60	358	P	Pn	17 23	27.0	-0.8			
comp=Z,0.3nm,0.7s,baz=147,slow=13,SNR=11											
BVAR	Borovoye Array	16.60	358	P	Pn	17 23	26.6	-1.2			
comp=Z,0.3nm,0.3s,baz=167,slow=14,SNR=11											
BRVK	Borovoye	16.63	358	eP	Pn	17 23	30.0	+1.8			
AKTK	Aktubinsk	16.95	330	P	Pn	17 23	32.1	-1.8			
AKTK	Aktubinsk	16.95	330	S	Sn	17 26	31.1	-1.0			
AKTO	Aktubinsk	16.95	330	P	Pn	17 23	30.2	-1.8			
comp=Z,0.2nm,0.3s,baz=134,slow=13,SNR=5.5											
AKTO	Aktubinsk	16.95	330	S	Sn	17 26	31.1	-1.0			
comp=Z,0.2nm,0.3s,baz=343,slow=21,SNR=3.6											
ZALV	Zalovovo Beam	19.88	24	P	Pn	17 24	04.3	+0.1			
comp=Z,2.7nm,0.4s,baz=120,slow=16,SNR=59											
ZALV	Zalovovo Beam	19.88	24	P	Pn	17 24	04.3	+0.1			
comp=Z,8.0nm,0.4s											
ZALV	Zalovovo Beam	19.88	24	P	Pn	17 24	04.3	+0.1			
NVS	Novosibirsk	20.16	20	eP	Pn	17 24	05.8	-1.5			
ARU	Arti	21.77	341	eP	Pn	17 24	27.4	+3.0			
ARU	Arti	21.77	341	eP	Pn	17 24	27.4	+3.0			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 25	55.1	+1.2			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 26	19.6	+1.6			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 27	04.0	-3.3			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 27	04.0	-3.3			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 28	44.7	+0.9			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 31	37.6	+1.1			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 32	16.6	-0.4			
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 32	51.9	-2.2			
comp=Z,11nm,1.1s,mb4.5											
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 32	51.9	-2.2			
comp=N,410nm,17.9s											
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 32	51.9	-2.2			
comp=E,400nm,15.5s											
HHC	Hu-ho-hao-te	31.58	70	eP	Pn	17 32	51.9	-2.2			
comp=Z,360nm,14.5s											
FINES	FINESS Array B	37.66	326	P	Pn	17 26	48.3	+2.3			
comp=Z,0.7nm,0.4s,mb3.9,baz=122,slow=8.9,SNR=12											
FINES	FINESS Array B	37.66	326	P	Pn	17 26	48.3	+2.3			
comp=Z,1.0nm,0.4s											
ARCES	ARCCESS Array B	41.29	338	P	Pn	17 27	18.3	+2.3			
comp=Z,1.3nm,0.8s,mb3.8,baz=111,slow=6.6,SNR=6.8											
ARCES	ARCCESS Array B	41.29	338	P	Pn	17 27	18.3	+2.3			
comp=Z,1.0nm,0.8s											
NB2	NORSAR Subarra	44.56	323	P	Pn	17 27	44.1	+1.6			
comp=Z,0.5nm,0.5s,mb3.5,baz=97,slow=7.9											
NOA	NORSAR Array B	44.56	323	P	Pn	17 27	44.3	+1.8			
comp=Z,0.5nm,0.6s,mb3.5,baz=98,slow=7.6,SNR=3.7											
NOA	NORSAR Array B	44.56	323	P	Pn	17 27	44.3	+1.8			
comp=Z,1.0nm,0.6s											
TORD	Torodi Ar. Bea	65.94	269	P	Pn	17 30	15.6	-1.0			
comp=Z,0.2nm,0.4s,mb3.3,baz=259,slow=5.5,SNR=4.5											
TORD	Torodi Ar. Bea	65.94	269	P	Pn	17 30	15.6	-1.0			
comp=Z,0.2nm,0.4s,mb3.3,baz=259,slow=5.5,SNR=4.5											
WRA	Warramunga Arr	81.77	122	P	Pn	17 31	48.2	-0.4			
comp=Z,0.3nm,0.8s,mb3.2,baz=324,slow=4.5,SNR=4.6											
ASAR	Alice Springs	84.03	125	P	Pn	17 31	59.9	-0.4			
comp=Z,0.2nm,0.6s,mb3.1,baz=308,slow=4.8,SNR=4.8											
PLCA	Paso Flores	150.01	250	PKPbc	PKPbc	17 39	17.9	-1.4			
comp=Z,1.4nm,0.7s,baz=90,slow=4.0,SNR=4.3											
PLCA	Paso Flores	150.01	250	PKPbc	PKPbc	17 39	18.0	-1.3			
comp=Z,1.0nm,0.7s											

ATH 07 17:48:21.7,38°16'N,20°29'E, h14km, 1km, MD3, 1/7  
 CSEM 07 17:48:21.7,38°16'N,20°29'E, h14km, MD3, 1, After ATH  
 ISC 07 17:48:21.8,1.5,38.25N,0.09,20.3E,0.1,h13km,7km,n17,  
 α073/22, Greece

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
VLS	Valsamata	0.26	107	eP	Pn	17 48	27.0			

7d 20h

Table with columns: YOZ, Yozgat, Erzincan, Erzincan, Mersin, Tokat, TOKAT, TOKAT, RSDY, RSDY, GUMT, GUMT, GUMT, GUMT, KVT, KVT, KVT

IDC 07 19:41:35.6:0.8, 18:78S:173:55W, h0km, mb4.4/15, mb1.4/9.15, mb1mx4.5/21, mbtmp4.4/15, MS3.9/12, Ms1 3.9/12, ms1mx3.7/31, Error ellipse: s-maj=29.3km s-min=16.8km az=134.0

BUJ 07 19:41:43.4, 18:80S:173:60W, h66km, mb5.4/1, mb5.2/5, Ms4.9/2, Ms7.4/7.1

NEIC 07 19:41:44.5:2.6, 18:77S:173:64W, h66km, mb2.2km, mb4.8/4, Error ellipse: s-maj=18.7km s-min=13.1km az=118.0

ISC 07 19:41:45.2:2.5, 18:80S:0:10:173:6W:0.1, h74km, 21km, n93, f107/39, mb3.4/21, 1C, Tonga Islands

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

2008 SEP

Main table with columns: BRG, Berggiesshubel, Berggiesshubel, UPEC, UPEC, Dobruska-Polom, Dobruska-Polom, Cervencia-Dubn, Cervencia-Dubn, Ostrava-Krasne, Ostrava-Krasne, Pankov, Pankov, Moravsky Berou, Moravsky Berou, PRU, PRU, PRU, PRU, Novy Kostel, Novy Kostel, Keskin Array, Keskin Array, YHNS, YHNS, YHNS, YHNS, Trest, Trest, Givet, Givet, BAIF, BAIF, KHC, KHC, KHC, KHC, FLN, FLN, LDF, LDF, GRR, GRR, MEZF, MEZF, MMAL, MMAL, CDF, CDF, SFTF, SFTF, HAU, HAU, HAU, HAU, HINP, HINP, LOR, LOR, LOR, LOR, SSF, SSF, MFF, MFF, SMF, SMF, CABF, CABF, LPL, LPL, LPL, LPL, ORIF, ORIF, LASF, LASF, ESDC, ESDC, DDA, DDA, ISK, ISK, ISJCJB, ISJCJB, CSEM, CSEM, THE, THE, ISC, ISC

1822/67, mb3.7/18, 1C, Xizang 306

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

IDC 07 20:07:52.7:2.6, 17:18S:174:51W, h126km, 24km, mb3.9/20, mb1.4/1.1, mb1mx3.9/20, mbtmp3.9/11, MS2.8/1, Ms1 3.9/12, ms1mx3.7/31, Error ellipse: s-maj=28.8km s-min=13.0km az=135.0

ISC 07 20:08:02.9:2.2, 17:45S:0:1:174:6W:0.1, h237km, 21km, mb4.0/15, Error ellipse: s-maj=23.6km s-min=14.7km az=43.8

NEIC 07 20:08:03.2:2.1, 17:35S:174:57W, h226km, 19km, mb4.1/5, Error ellipse: s-maj=21.7km s-min=12.6km az=135.0

ISC 07 20:08:02.6:2.5, 17:55S:0:1:174:5W:0.1, h222km, 22km, n32, f08/30, mb4.0/15, Tonga Islands

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC Dimbokro, DBIC Ombok, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC 07 20:41:14.1, KNET 07 20:41:15.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USP 12nm,0.2s,SNR=49, AAK 47nm,0.2s, etc.

IDC 07 20:41:36.2:635.0,3373N-148°2'E,h0km Error ellipse: s-maj=1260.0km s-min=54.3km az=116.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 07 20:44:51, PALP Palanan, etc.

ISK 07 20:47:51.6:39°92'N-43°35'E,h3km,MD3.0 DDA 07 20:47:52.1,39°91'N-43°26'E,h8km,3km,MD3.1 CSEM 07 20:47:52.0:0.3,39°94'N-43°36'E,h2km,MD3.0, Error ellipse: s-maj=8.1km s-min=4.6km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, AGRB Hanur-Agry, etc.

IDC 07 20:49:32.0:2.9,2°14'N-96°08'E,h0km,mb3.6/5,mb1 3.7/6, mb1mx3.5/22,mbtmp3.6/6,ML3.5/1, Error ellipse: s-maj=113.3km s-min=21.4km az=61.0

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

CASC 07 20:52:34.7:1.6,832N-82.899W,h3km,MD3.5, Panama-Costa Rica border region

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

IDC 07 21:07:43.8:1.3,54°19'S-56°21'W,h0km,mb4.2/4, mb1 4.2/4,mb1mx3.9/13,mbtmp4.2/4,MS3.7/4,Ms1 3.7/4, ms1mx3.3/19, Error ellipse: s-maj=52.3km s-min=26.6km az=92.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TROA 6.1nm,0.6s, VNA3 Neumayer Olymp, etc.

IDC 07 21:02:58.0:1.1,5°08'N-94°44'E,h0km,mb4.1/9,mb1 4.2/9, mb1mx3.9/21,mbtmp4.1/9,MS4.0/1,Ms1 4.0/1, ms1mx3.0/29, Error ellipse: s-maj=41.5km s-min=18.7km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, ISCBJ 07 21:02:59.7:2.3, etc.

NEIC 07 21:02:10.2:7.0,4.933N-94°29'E,h35km,mb4.3/11, Error ellipse: s-maj=9.6km s-min=4.4km az=60.0

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

IDC 07 21:02:05.2:1.4,99N-05°94'35E,0°05,h27km,15km, n61,+f102/64,mb4.2/32,MS4.0/2, Off west coast of northern Sumatra

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

IDC 07 21:02:05.2:1.4,99N-05°94'35E,0°05,h27km,15km, n61,+f102/64,mb4.2/32,MS4.0/2, Off west coast of northern Sumatra

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

IDC 07 21:02:05.2:1.4,99N-05°94'35E,0°05,h27km,15km, n61,+f102/64,mb4.2/32,MS4.0/2, Off west coast of northern Sumatra

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

IDC 07 21:02:05.2:1.4,99N-05°94'35E,0°05,h27km,15km, n61,+f102/64,mb4.2/32,MS4.0/2, Off west coast of northern Sumatra

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







ISC 07 23:05:41.6:0.6,39.38N:0'03:33.14E:0.04,h2km,6km,  
h37,c069/48, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFSR Afar-Bala, BBAL Bala, KAMT Kaman, etc.

Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PCIG Huatulco, HUIG Huatulco, SCX San Cristobal, etc.

ISC 08 00:17:01.2:1.6,25.40N:97.20E,h0km,mb3.6/3,  
mb1 3.8/4,mb1mx3.4/2,mbtmp3.6/4,ML3.5/1,Error  
ellipse: s-maj=132.5km s-min=24.7km az=63.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, WRA Warramunga Arr, etc.

NIED 08 00:25:00.36:30N:141.10E,h41km,Mw3.5 Best double  
couple: M2.34000:1014 N1P1a74.00000:877.00000,  
lambda108.00000. NP2b:199.00000:d22.00000:lambda37.00000.

ISCJB 08 00:25:46.7:0.6,36.38N:0'03:14.11E:0.05,h53km,4km,  
mb3.9/6,Error ellipse: s-maj=7.4km s-min=5.1km  
az=179.8

ISC 08 00:25:47.6:5.1,36.37N:141.17E,h33km,44km,mb3.4/3,  
mb1 3.8/7,mb1mx3.4/2,mbtmp3.8/7,ML3.7/3,Error  
ellipse: s-maj=28.4km s-min=20.2km az=93.0

JMA 08 00:25:48.1:0.1,36.37N:141.02E,h47km,1km,M3.6  
JMA 08 00:25:49.1:3.3,36.41N:140.96E,h58km,11km,mb4.1/3,  
Error ellipse: s-maj=13.6km s-min=10.9km az=103.0

ISC 08 00:25:47.8:0.6,36.39N:0'03:14.11E:0.06,h43km,6km,  
n27,c0996/40,mb3.9/6,1C-5D,Near east coast of  
eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JHO Hitachi, CHOU Choshi, JYT Yasato, etc.

ISCJB 07 23:27:02.0:0.6,32.30N:0'06:105.00E:0.07,h10km,  
mb3.6/5,Error ellipse: s-maj=11.2km s-min=5.3km  
az=135.5

ISC 07 23:27:27.1:1.1,32.58N:105.47E,h0km,mb3.4/5,  
mb1 3.6/5,mb1mx3.4/2,mbtmp3.5/5,Error ellipse:  
s-maj=168.8km s-min=20.5km az=56.0

BJJ 07 23:27:32.5:32.37N:104.81E,h14km,ML3.1/9  
ISC 07 23:27:28.6:0.6,32.29N:0'06:104.94E:0.07,h10km,n8,  
c0883/14,mb3.6/5,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HHC Hu-ho-hao-te, HHC Chengdu, XAN Xi'an, etc.

ISC 07 23:58:35.2:2.7,7.93S:119.21E,h0km,mb3.7/3,  
mb1 3.7/4,mb1mx3.5/19,mbtmp3.5/4,ML3.5/1,Error  
ellipse: s-maj=240.4km s-min=23.7km az=53.0, Flores  
Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ Fitzroy Crossi, SONM Sonoma.

ISC 08 00:48:59.4:52.3,0,33.51N:149.98E,h0km,Error ellipse:  
s-maj=1040.0km s-min=50.7km az=118.0, North Pacific  
Ocean

ISCJB 08 00:51:53.2:1.6,23.92S:0'09:179.99E:0'09,  
h507km,22km,mb4.0/15,Error ellipse: s-maj=15.1km  
s-min=10.7km az=139.6

ISC 08 00:51:53.4:2.8,23.83S:179.97W,h496km,32km,mb3.3/8,  
mb1 3.6/9,mb1mx3.4/17,mbtmp3.4/9,Error ellipse:  
s-maj=45.8km s-min=18.8km az=161.0

NEIC 08 00:51:54.0:1.1,23.97S:179.94W,h511km,15km,mb4.4/6,  
Error ellipse: s-maj=14.9km s-min=8.1km az=155.0

ISC 08 00:51:53.9:1.4,24.05S:0'09:179.92W:0'09,  
h508km,20km,n30,c0985/31,mb3.9/14, South of Fiji  
Islands

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

ISC 08 00:25:46.7:0.6,36.38N:0'03:14.11E:0.05,h53km,4km,  
mb3.9/6,Error ellipse: s-maj=7.4km s-min=5.1km  
az=179.8

ISC 08 00:25:47.6:5.1,36.37N:141.17E,h33km,44km,mb3.4/3,  
mb1 3.8/7,mb1mx3.4/2,mbtmp3.8/7,ML3.7/3,Error  
ellipse: s-maj=28.4km s-min=20.2km az=93.0

JMA 08 00:25:48.1:0.1,36.37N:141.02E,h47km,1km,M3.6  
JMA 08 00:25:49.1:3.3,36.41N:140.96E,h58km,11km,mb4.1/3,  
Error ellipse: s-maj=13.6km s-min=10.9km az=103.0

ISC 08 00:25:47.8:0.6,36.39N:0'03:14.11E:0.06,h43km,6km,  
n27,c0996/40,mb3.9/6,1C-5D,Near east coast of  
eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JHO Hitachi, CHOU Choshi, JYT Yasato, etc.

ISCJB 07 23:27:02.0:0.6,32.30N:0'06:105.00E:0.07,h10km,  
mb3.6/5,Error ellipse: s-maj=11.2km s-min=5.3km  
az=135.5

ISC 07 23:27:27.1:1.1,32.58N:105.47E,h0km,mb3.4/5,  
mb1 3.6/5,mb1mx3.4/2,mbtmp3.5/5,Error ellipse:  
s-maj=168.8km s-min=20.5km az=56.0

BJJ 07 23:27:32.5:32.37N:104.81E,h14km,ML3.1/9  
ISC 07 23:27:28.6:0.6,32.29N:0'06:104.94E:0.07,h10km,n8,  
c0883/14,mb3.6/5,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HHC Hu-ho-hao-te, HHC Chengdu, XAN Xi'an, etc.

ISC 07 23:58:35.2:2.7,7.93S:119.21E,h0km,mb3.7/3,  
mb1 3.7/4,mb1mx3.5/19,mbtmp3.5/4,ML3.5/1,Error  
ellipse: s-maj=240.4km s-min=23.7km az=53.0, Flores  
Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SMN1 Samana, IMO Isla Mona, AGPR Aguadilla, etc.

ISC 08 00:52:26.9:1.7,6.28S:0'07:154.81E:0.05,h36km,15km,  
mb4.4/23,MS3.7/4,Error ellipse: s-maj=10.9km  
s-min=8.3km az=174.5

ISC 08 00:52:29.0:0.7,6.31S:154.80E,h48km,6km,mb4.1/13,  
mb1 4.3/13,mb1mx3.4/17,mbtmp3.4/17,ML3.6/4,  
Ms1 3.6/4,ms1mx3.2/17,Error ellipse: s-maj=25.3km  
s-min=15.2km az=104.0

NEIC 08 00:58:30.6:1.1,6.32S:154.81E,h57km,10km,mb4.5/8,  
Error ellipse: s-maj=9.6km s-min=7.9km az=148.0

ISC 08 00:58:30.5:1.1,6.31S:154.82E:0.05,h45km,12km,  
h51km,3.6km,p-P,n50,c0787/51,mb4.4/23,MS3.7/4,  
Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HNR Honiara, PMG Port Moresby, COEN Coen, etc.









NVAR	comp=Z,0.8nm,0.8s,baz=47,slow=2.6,SNR=5.0	PKPPKP			03 41 53.9
NVAR	comp=Z,3.3nm,1.0s,baz=111,slow=2.7,SNR=12				
NVAR	<b>Minia Array Bea</b>	<b>89.34 49</b>	pP	pP	03 16 09.8 +0.1
NVAR			pP	pP	03 16 22.7 0.0
NVAR			PKKPbc	PKKPbc	03 33 46.9 +0.2
NVAR			P'P'		03 41 53.9
NVAR	<b>Neumayer-Watz</b>	<b>89.39 181</b>	eP	P	03 16 05.5 -3.9
NVAR	baz=174,slow=3.5				
VNA2			e		03 16 06.9
VNA2			eP	pP	03 16 20.3 -2.1
MCK	<b>McKinley</b>	<b>89.52 17</b>	eP	P	03 16 08.0 -1.9
MCK			pmax	pmax	
MCK	comp=Z,50nm,1.1s,mb5.8				
MCK	<b>McKinley</b>	<b>89.52 17</b>	eP	P	03 16 08.0 -1.9
MCK	comp=Z,50nm,1.1s,mb5.8				
MOD	<b>Modoc</b>	<b>89.53 45</b>	eP	P	03 16 10.6 +0.2
MOD	comp=Z,223nm,1.2s,mb6.4				
MOD			LR	LR	
CRAG	comp=Z,4um,20.0s,MSS.9	<b>89.56 29</b>	eP	P	03 16 10.7 +0.4
CRAG	comp=Z,189nm,1.8s,mb6.1				
CRAG			LR	LR	
GLA	<b>Glamis</b>	<b>89.63 55</b>	eP	P	03 16 11.7 +0.5
GLA	comp=Z,4um,20.0s,MSS.9				
GLA			pmax	pmax	
GLA	comp=Z,244nm,1.4s,mb6.3	<b>89.63 55</b>	eP	P	03 16 11.7 +0.5
GLA	<b>Glamis</b>	<b>89.63 55</b>	eP	P	03 16 11.7 +0.5
GLA	comp=Z,244nm,1.4s,mb6.3				
VNA1	<b>Neumayer-Stat</b>	<b>89.68 181</b>	eP	P	03 16 07.3 -3.5
LSA	<b>Lusa</b>	<b>89.75 302</b>	P	P	03 16 12.0 +0.2
LSA			sP	sP	03 16 23.9 -5.8
LSA	comp=N,1um,33.2s,MSS.4				
LSA	comp=E,2um,32.0s,MSS.4				
LSA			LR	LR	
LSA	comp=Z,3um,30.9s,MSS.6				
LSA	<b>Lhasa</b>	<b>89.75 302</b>	eP	P	03 16 12.4 +0.6
LSA			pmax	pmax	
LSA	comp=Z,107nm,1.3s,mb6.0				
LSA			MLR	MLR	
LSA	comp=Z,3um,22.0s,MSS.6				
LSA	<b>Lhasa</b>	<b>89.75 302</b>	eP	P	03 16 12.4 +0.6
LSA	comp=Z,107nm,1.3s,mb6.0				
LSA			LR	LR	
LSA	comp=Z,3um,22.0s,MSS.6				
BLKCR	<b>Bella Bella</b>	<b>89.75 42</b>	P	P	03 16 11.6 +0.2
OOW	<b>Octopus West</b>	<b>89.92 38</b>	P	P	03 16 13.0 +0.8
NLWA	<b>Neilton Lookou</b>	<b>89.93 39</b>	eP	P	03 16 12.6 +0.4
NLWA	comp=Z,223nm,1.2s,mb6.4				
NLWA			LR	LR	
TPH	<b>Topnah</b>	<b>89.95 49</b>	PFAKE	LR	03 16 20.0 +7.5
TPH	comp=Z,5um,21.0s,MSS.9				
BBB	<b>Bella Bella</b>	<b>90.10 33</b>	P	P	03 16 12.8 0.0
BBB	comp=Z,64nm,0.9s,mb5.9,baz=66,slow=4.9,SNR=18				
LVP	<b>Lakeview Peak</b>	<b>90.16 40</b>	P	P	03 16 13.4 +0.2
LDFC	<b>Landfair</b>	<b>90.24 53</b>	eP	P	03 16 14.3 +0.4
LDFC	comp=Z,406nm,1.4s,mb6.6				
HOOD	<b>Hood Mea</b>	<b>90.26 41</b>	eP	P	03 16 14.2 +0.4
HOOD	comp=Z,314nm,1.4s,mb6.5				
TDL	<b>Tradedolior La</b>	<b>90.41 40</b>	P	P	03 16 14.9 +0.5
MENT	<b>Mentasta</b>	<b>90.48 20</b>	eP	P	03 16 13.6 -0.8
WRAK	<b>Wrangell Islan</b>	<b>90.49 28</b>	eP	P	03 16 14.0 -0.6
WRAK	comp=Z,165nm,1.1s,mb6.3				
WRAK			LR	LR	
VIPM	<b>Ingram Point</b>	<b>90.53 42</b>	P	P	03 16 15.1 0.0
HDW	<b>Hoodsport</b>	<b>90.54 39</b>	P	P	03 16 15.5 +0.5
GNW	<b>Green Mountain</b>	<b>90.63 39</b>	P	P	03 16 15.6 +0.1
COLA	<b>College</b>	<b>90.70 17</b>	eP	P	03 16 13.7 -1.7
COLA	comp=Z,49nm,1.0s,mb5.8				
COLA			MLR	MLR	
COLA	comp=Z,4um,20.0s,MSS.9				
COLA	<b>College</b>	<b>90.70 17</b>	eP	P	03 16 13.7 -1.7
COLA	comp=Z,49nm,1.0s,mb5.8				
COLA			LR	LR	
ZAK	<b>Zakamensk</b>	<b>90.74 324</b>	eP	P	03 16 15.8 -0.1
ZAK			e		03 26 44.2
ZAK			pmax	pmax	
SHPR	<b>Sheep Range</b>	<b>90.79 51</b>	eP	P	03 16 16.6 +0.1
SHPR	comp=Z,191nm,1.5s,mb5.2				
PGC	<b>Sidney</b>	<b>90.80 38</b>	eP	P	03 16 16.1 -0.1
PGC	comp=Z,11nm,1.1s,mb5.1				
LOH	<b>Longmire</b>	<b>90.85 40</b>	eP	P	03 16 16.0 -0.5
LOH			pmax	pmax	
LOH	comp=Z,128nm,1.3s,mb6.1				
LOH	<b>Longmire</b>	<b>90.85 40</b>	eP	P	03 16 16.0 -0.5
LOH	comp=Z,128nm,1.3s,mb6.1				
WVOR	<b>Wild Horse Val</b>	<b>90.88 45</b>	eP	P	03 16 16.9 +0.2
WVOR	comp=Z,197nm,1.3s,mb6.3				
WVOR			MLR	MLR	
WVOR	comp=Z,4um,20.0s,MSS.9				
WVOR	<b>Wild Horse Val</b>	<b>90.88 45</b>	eP	P	03 16 16.9 +0.2
WVOR	comp=Z,197nm,1.3s,mb6.3				
WVOR			LR	LR	
DOT	<b>Dot Lake</b>	<b>90.89 19</b>	eP	P	03 16 15.0 -1.3
DOT	comp=Z,96nm,1.0s,mb6.1				
ILAR	<b>Eielson Array</b>	<b>90.89 17</b>	P	P	03 16 13.6 -2.7
ILAR	comp=Z,13nm,0.7s,mb5.4,baz=236,slow=5.2,SNR=132				
ILAR			PKKP	PKKP	03 21 07.4 -2.2
ILAR	comp=Z,0.9nm,0.7s,baz=280,slow=3.0,SNR=6.8				
ILAR			PKKPbc	PKKPbc	03 33 42.0 -2.0
ILAR	comp=Z,1.2nm,1.0s,baz=323,slow=1.2,SNR=4.3				
ILAR			LR	LR	03 51 39.5
ILAR	comp=Z,6um,21.4s,MSS.0,baz=294,slow=32				
PALK	<b>Pallekele</b>	<b>90.93 277</b>	iP	P	03 16 19.9 +2.2
PALK	<b>Pallekele</b>	<b>90.93 277</b>	eP	P	03 16 18.7 +1.0
PALK	comp=Z,75nm,1.2s,mb5.9				
BMN	<b>Battle Mountai</b>	<b>90.96 47</b>	eP	P	03 16 17.4 +0.2
BMN			pmax	pmax	
BMN	comp=Z,154nm,1.3s,mb6.2				
BMN			MLR	MLR	
BMN	comp=Z,3um,22.0s,MSS.7				
BMN	<b>Battle Mountai</b>	<b>90.96 47</b>	eP	P	03 16 17.4 +0.2
BMN	comp=Z,154nm,1.3s,mb6.2				
BMN			LR	LR	
FMW	<b>Mount Fremont</b>	<b>91.00 40</b>	P	P	03 16 17.4 +0.1
SKAG	<b>Skagway</b>	<b>91.02 25</b>	eP	P	03 16 17.6 +0.3
SKAG	comp=Z,251nm,1.4s,mb6.3				
SKAG			LR	LR	
SKAG	comp=Z,4um,19.0s,MSS.9				
IRK	<b>Irkutsk</b>	<b>91.18 326</b>	iP	P	03 16 17.7 -0.2
IRK			pP	pP	03 16 29.7 -1.2
IRK			pmax	pmax	
IRK	comp=Z,146nm,1.4s,mb6.1				
RMW	<b>Rattlesnake Mo</b>	<b>91.19 39</b>	P	P	03 16 18.2 +0.2
TLY	<b>Talaya</b>	<b>91.21 325</b>	iP	P	03 16 17.6 -0.5
TLY			pP	pP	03 16 30.9 +0.2
TLY			e		03 28 46.3
TLY			S	S	03 27 07.1 -5.9
TLY			eSS	eSS	03 28 25.4
TLY			SS	SS	03 33 27.5 +8.6
TLY	comp=Z,141nm,1.5s,mb6.1				
TLY			MLR	MLR	
TLY	comp=Z,2um,21.0s,MSS.5				
TLY	<b>Talaya</b>	<b>91.21 325</b>	eP	P	03 16 17.5 -0.5
TLY	comp=Z,157nm,1.4s,mb6.2				
TLY			LR	LR	
TLY	comp=Z,2um,19.0s,MSS.6				
TLY	<b>Talaya</b>	<b>91.21 325</b>	P	P	03 16 17.9 -0.2
TLY	comp=Z,352nm,1.4s,mb5.5,SNR=20				
TLY	<b>Talaya</b>	<b>91.21 325</b>	P	P	03 16 18.1 +0.1
TLY	SNR=36				
JCW	<b>Jim Creek</b>	<b>91.46 39</b>	eP	P	03 16 19.2 -0.1
JCW	comp=Z,392nm,1.4s,mb6.5				
TAPN	<b>Tapleju</b>	<b>91.67 298</b>	eP	P	03 16 20.8 0.0
TAPN	comp=Z,240nm,1.3s,mb6.5				
ODAN	<b>Odare</b>	<b>91.75 298</b>	eP	P	03 16 21.2 0.0
ODAN	comp=Z,378nm,1.4s,mb6.5				
COLD	<b>Coldfoot</b>	<b>91.94 15</b>	eP	P	03 16 20.9 -0.1
COLD	comp=Z,92nm,1.5s,mb5.9				
COLD			ePP	PP	03 19 51.4 -1.0
RSW	<b>Rattlesnake Hi</b>	<b>92.04 41</b>	eP	P	03 16 22.6 +0.6
RSW	comp=Z,316nm,1.3s,mb6.5				
VIS	<b>Vishakhapatnam</b>	<b>92.06 288</b>	iP	P	03 16 21.1 -1.7
VIS			Amb	Amb	03 16 25.4

VIS	comp=Z,109nm,1.5s,mb6.0				
HAWA	<b>Hanford</b>	<b>92.07 41</b>	eP	x	03 19 24.2
HAWA	comp=Z,265nm,1.3s,mb6.4		LR	LR	03 16 22.1 -0.1
HAWA					
ETW	<b>Entiat</b>	<b>92.14 40</b>	eP	P	03 16 22.6 +0.2
ETW	comp=Z,370nm,1.6s,mb6.5				
ETW			ePP	PP	03 20 01.7 -1.5
WTV	<b>Waterville</b>	<b>92.41 40</b>	P	P	03 16 24.0 +0.3
TUC	<b>Tucson</b>	<b>92.57 48</b>	eP	P	03 16 24.8 +0.4
TUC			pmax	pmax	
TUC	comp=Z,69nm,1.1s,mb5.9				
TUC	<b>Tucson</b>	<b>92.48 57</b>	eP	P	03 16 24.8 +0.3
TUC	comp=Z,69nm,1.1s,mb5.9				
CCUT	<b>Cedar City</b>	<b>92.52 51</b>	eP	P	03 16 24.9 +0.4
CCUT	comp=Z,91nm,1.4s,mb6.0				
ARUT	<b>Antelope Range</b>	<b>92.56 51</b>	eP	P	03 16 25.2 +0.5
EGAK	<b>Eagle</b>	<b>92.59 19</b>	eP	P	03 16 22.9 -1.2
EGAK	comp=Z,93nm,1.1s,mb6.1				
EGAK			LR	LR	
LNOR	<b>Lincoln Mounta</b>	<b>92.62 42</b>	eP	P	03 16 24.5 -0.2
LNOR	comp=Z,4um,20.0s,MSS.9				
LNOR			pmax	pmax	
LNOR	comp=Z,16nm,1.1s,mb5.4				
LNOR	<b>Lincoln Mounta</b>	<b>92.62 42</b>	eP	P	03 16 24.5 -0.2
LNOR	comp=Z,16nm,1.1s,mb5.4				
MOY	<b>Mondy</b>	<b>92.64 325</b>	eP	P	03 16 24.7 +0.1
MOY			pmax	pmax	
MOY	comp=Z,294nm,2.8s,mb6.2				
DAWY	<b>Dawson</b>	<b>92.65 20</b>	eP	P	03 16 23.4 -1.0
DLBC	<b>Dease Lake</b>	<b>92.69 27</b>	P	P	03 16 24.6 -0.1
DLBC	comp=Z,59nm,1.2s,mb5.9,baz=228,slow=5.0,SNR=58				
DLBC	<b>Dease Lake</b>	<b>92.69 27</b>	eP	P	03 16 24.6 -0.1
DLBC	comp=Z,59nm,1.2s,mb5.9				
OD2	<b>Odessa Site #2</b>	<b>93.02 40</b>	eP	P	03 16 26.5 -0.1
WUAZ	<b>Wupatki</b>	<b>93.22 53</b>	eP	P	03 16 28.1 +0.3
WUAZ	comp=Z,110nm,1.4s,mb6.1				
WUAZ			LR	LR	
GUN	<b>Gumba</b>	<b>93.38 298</b>	eP	P	03 16 28.6 -0.1
GUN	comp=Z,180nm,1.2s,mb6.4				
PKI	<b>Putchoki</b>	<b>93.66 298</b>	eP	P	03 16 29.3 -0.7
PKI	comp=Z,246nm,1.2s,mb6.5				
PKIN	<b>Phulchoki</b>	<b>93.67 298</b>	eP	P	03 16 29.4 -0.6
PKIN	comp=Z,58nm,0.8s,mb6.0				
DGAR	<b>Diego Garcia</b>	<b>93.70 261</b>	PFAKE	LR	03 16 40.0 +9.5
DGAR			LR	LR	
DGAR	comp=Z,8um,21.0s,MSS.6				
MVU	<b>Marysvalle</b>	<b>93.73 50</b>	PFAKE	LR	03 16 40.0 +1.0
MVU			LR	LR	
MVU	comp=Z,4um,20.0s,MSS.9				
MSU	<b>Marysvalle</b>	<b>93.76 50</b>	eP	P	03 16 30.8 +0.6
MSU			pmax	pmax	
MSU	comp=Z,58nm,1.5s,mb5.8				
MSU	<b>Marysvalle</b>	<b>93.76 50</b>	eP	P	03 16 30.8 +0.6
MSU	comp=Z,58nm,1.5s,mb5.8				
KKN	<b>Kakani</b>	<b>93.84 298</b>	eP	P	03 16 30.5 -0.3
KKN	comp=Z,266nm,1.4s,mb6.5				
DMN	<b>Daman</b>	<b>93.92 98</b>	eP	P	03 16 31.1 -0.1
DMN	comp=Z,347nm,1.2s,mb6.7				
DUG	<b>Dugway</b>	<b>93.94 49</b>	eP	P	03 16 30.2 -0.8
DUG			pmax	pmax	
DUG	comp=Z,25nm,1.3s,mb5.5				
DUG			MLR	MLR	
DUG	comp=Z,6um,20.0s,MSS.6				
DUG	<b>Dugway</b>	<b>93.94 49</b>	eP	P	03 16 30.2 -0.8
DUG					







VOIR	140.94 319	PKP	03 22 39.3	-3.8
VOIR	140.94 319	PKP	03 22 39.3	-3.8
TRPA	141.00 324	PKP	03 22 36.8	-6.3
AKAS	141.03 302	PKP	03 22 31.1	-1.2
KAS	141.13 326	PKP	03 22 39.1	-5.2
CRVS		LR	03 26 15.8	
CRVS	141.13 326	ePKP	03 22 38.1	-5.2
CRVS		eSKP	03 26 15.8	
OJC	141.17 328	ePKP	03 25 49.4	-3.9
OJC		ePP	03 25 41.9	-3.2
OJC		eSKKSac	03 22 38.1	-7.1
OJC		eSS	04 04 06.7	-3.5
OJC		L	04 25 28.0	
OJC	141.17 328	ePKIP	03 22 39.4	-3.9
OJC		eSS	03 25 41.9	
OJC		MLR	03 25 41.9	-3.5
JMB	141.26 314	iP	03 22 37.8	-6.0
SZH	141.36 315	iP	03 22 36.6	-7.3
RSC	141.37 355	eP	03 22 39.0	-4.5
NIE	141.42 327	ePKP	03 22 39.0	-4.5
BALY	141.54 309	iP	03 22 28.4	-1.6
DRGR	141.65 322	iPKIP	03 22 39.5	-4.8
DRGR	141.65 322	iP	03 22 39.5	-4.8
AKHS	141.67 308	iP	03 22 25.2	-1.9
IMVH	141.70 354	P	03 22 38.4	-5.6
IMVH	141.70 354	eP	03 22 38.4	-5.6
PVL	141.78 316	iP	03 22 38.3	-6.4
RRH	141.90 356	P	03 22 39.1	-5.3
RRH	141.90 356	eP	03 22 39.1	-5.3
KECS	141.90 326	ePKIP	03 22 40.7	-4.0
KECS	141.90 326	ePKP	03 22 40.7	-4.0
AYDN	141.99 306	iP	03 22 32.7	-1.3
MME1	142.17 353	P	03 22 39.7	-5.2
MME1	142.17 353	eP	03 22 39.7	-5.2
MDO	142.19 354	eP	03 22 40.0	-5.0
MDO	142.19 354	eP	03 22 40.0	-5.0
KAC	142.22 355	eP	03 22 39.0	-6.0
KAC	142.22 355	eP	03 22 39.0	-6.0
OKC	142.22 329	ePKIP	03 22 40.9	-4.3
OKC		eMLR	03 25 50.2	
OKC		MLR		
OKC	142.22 329	ePKP	03 22 40.9	-4.3
OKC		ePKP	03 22 58.0	-0.7
OKC		ePP	03 25 50.2	-1.3
OKC		eX	03 36 22.2	
OKC		eX	03 44 45.1	
OKC		AMS	04 23 20.0	
RUE	142.24 335	ePKP	03 22 41.4	-3.8
ALN	142.25 312	P	03 22 37.9	-7.7
CRAR	142.25 318	PKIP	03 22 42.2	-3.3
CRAR	142.25 318	PKIP	03 22 42.2	-3.3
GZR	142.35 320	iP	03 22 42.2	-3.4
KDZ	142.38 313	iP	03 22 39.9	-5.9
KSP	142.39 332	ePKP	03 22 39.9	-5.9
KSP		ePKIP	03 22 45.1	-3.4
KSP		ePKS	03 26 20.8	
KSP		LMZ	04 04 11.0	
KPL	142.41 355	P	03 22 40.5	-4.8
KPL		AMB	03 22 48.1	
KPL	142.41 355	eP	03 22 40.5	-4.8
KPL		AMB	03 22 48.1	
KPL		AMS	04 28 47.5	
KPL	142.41 355	AMS	04 28 47.5	
KS	142.51 355	P	03 22 40.2	-5.3
KS	142.51 355	eP	03 22 40.2	-5.3
MORC	142.55 329	ePKP	03 22 41.7	-4.2
MORC		ePKP	03 26 19.6	
PSZ	142.56 325	ePKIP	03 22 42.7	-3.2
PSZ		ePKP	03 25 54.3	
PSZ	142.56 325	iP	03 22 40.7	-3.5
PSZ	142.56 325	ePKP	03 22 40.7	-3.5
PLD	142.68 314	eP	03 22 40.4	-5.9
PRK	142.69 309	iP	03 22 41.0	-5.4
DPC	142.73 331	ePKIP	03 22 42.8	-3.3
DPC		eSS	03 22 59.1	
DPC		eSS	03 44 30.0	+1.9
DPC		MLR		
DPC	142.73 331	ePKP	03 22 42.8	-3.3
DPC		ePKP	03 25 54.2	-0.3
DPC		ePP	03 35 58.0	
DPC		eSS	03 44 30.0	+1.9
DPC		AMS	04 19 00.0	
VYHS	142.75 327	ePKP	03 22 40.7	-5.5
VYHS		eP	03 26 20.8	
VYHS		LR	03 33 57.0	
VYHS	142.75 327	ePKP	03 22 40.7	-5.5
VYHS		eSKP	03 26 20.8	
VYHS		eSKP	03 33 57.0	
UPC	142.76 331	ePKIP	03 22 42.8	-3.4
UPC		ePKP	03 22 59.5	
UPC	142.76 331	ePKP	03 22 42.8	-3.4
UPC		ePKP	03 22 59.5	-0.2
NISI	142.83 305	P	03 22 40.6	-6.2
KARI	142.84 355	eP	03 22 40.8	-5.3
KARI	142.84 355	eP	03 22 40.8	-5.3
RSB	142.84 315	eP	03 22 40.2	-6.4
RZM	142.85 314	eP	03 22 43.4	-3.2
BZS	142.92 321	iP	03 22 44.2	-2.3
KOLL	142.92 327	ePKIP	03 22 44.2	-2.3
KOLL	142.92 327	ePKP	03 22 44.2	-2.3
SIGR	143.00 309	P	03 22 43.3	-4.7
CHOS	143.13 308	P	03 22 41.9	-5.3
LIA	143.23 311	P	03 22 42.8	-4.6
KAVA	143.27 313	P	03 22 42.4	-5.0
EBH	143.28 353	P	03 22 43.6	-3.3
EBH	143.28 353	eP	03 22 43.6	-3.3
BUD	143.29 326	ePKP	03 22 43.5	-3.7
VRAN	143.33 330	PKP	03 22 44.8	-2.4
VRAC	143.33 330	PKIP	03 22 44.8	-2.4
VRAC		pmx		
VRAC	143.33 330	iP	03 22 43.2	-4.0
PVCC	143.38 333	ePKIP	03 22 44.5	-2.8
PVCC		ePKP	03 22 58.6	
PVCC		eSS	03 26 00.6	
PVCC		MLR	04 44 39.8	+4.2
PVCC	143.38 333	ePKP	03 22 44.5	-2.8
PVCC		ePKP	03 22 58.6	-2.2
PVCC		ePP	03 26 00.6	+2.2
PVCC		eSS	03 36 00.6	
PVCC		AMS	04 44 39.8	+4.2
BRG	143.39 333	ePKPbc	03 22 43.5	-3.8
BRG	143.39 333	iPKP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	+5.6
BRG		SKP	03 26 23.6	
BRG		SS	03 35 56.0	
BRG		SS	03 38 37.0	
BRG		SS	03 44 35.0	-0.6
BRG	143.39 333	ePKPbc	03 22 43.5	-3.8
BRG	143.39 333	iPKP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	+5.6
BRG		SKP	03 26 23.6	
BRG		SS	03 35 56.0	
BRG		SS	03 38 37.0	
BRG		SS	03 44 35.0	-0.6

BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		
BRG		pmx		
BRG	143.39 333	iPKIP	03 22 43.2	-4.1
BRG		SS	03 22 58.0	
BRG		SS	03 26 04.0	
BRG		SS	03 44 35.0	-0.6
BRG		pmx		









MDO	Doctfour	25.36	33	eP	P	03 58 29.3 +1.0
AVF	Avril sur Loir	25.64	60	eP	P	03 58 31.1 +0.1
AVF	Avril sur Loir	25.64	60	eP	P	03 58 31.1 +0.1
MVH1	Achvaich	25.74	32	P	P	03 58 32.5 +0.8
MVH1	Achvaich	25.74	32	eP	P	03 58 32.5 +0.8
MVH1	Achvaich	25.74	32	eP	P	03 58 32.5 +0.8
SSF	Saint Saulge	25.78	59	eP	P	03 58 32.6 +0.4
SSF	Saint Saulge	25.78	59	eP	P	03 58 32.6 +0.4
SSF	Saint Saulge	25.78	59	eP	P	03 58 32.6 +0.4
LASF	Ste Croix	25.79	66	eP	P	03 58 30.8 -1.6
LASF	Ste Croix	25.79	66	eP	P	03 58 30.8 -1.6
MCD	Coleburn Disti	25.92	33	P	P	03 58 35.0 +1.6
MCD	Coleburn Disti	25.92	33	P	P	03 58 35.0 +1.6
MCD	Coleburn Disti	25.92	33	P	P	03 58 35.0 +1.6
SMF	Signal de Mont	25.96	60	eP	P	03 58 34.5 +0.7
SMF	Signal de Mont	25.96	60	eP	P	03 58 34.5 +0.7
SMF	Signal de Mont	25.96	60	eP	P	03 58 34.5 +0.7
LOR	Lormes	26.05	59	eP	P	03 58 35.0 +0.3
LOR	Lormes	26.05	59	eP	P	03 58 35.0 +0.3
LOR	Lormes	26.05	59	eP	P	03 58 35.0 +0.3
VIVF	Saint-Julien-1	26.40	65	eP	P	03 58 38.0 +0.1
VIVF	Saint-Julien-1	26.40	65	eP	P	03 58 38.0 +0.1
VIVF	Saint-Julien-1	26.40	65	eP	P	03 58 38.0 +0.1
BAIF	Baives	26.58	53	eP	P	03 58 41.5 +0.2
BAIF	Baives	26.58	53	eP	P	03 58 41.5 +0.2
SFTF	Sextfontaines	26.57	57	eP	P	03 58 43.3 +0.3
SFTF	Sextfontaines	26.57	57	eP	P	03 58 43.3 +0.3
SFTF	Sextfontaines	26.57	57	eP	P	03 58 43.3 +0.3
MEZF	Maizieres J'vi	27.02	57	eP	P	03 58 43.3 +0.2
MEZF	Maizieres J'vi	27.02	57	eP	P	03 58 43.3 +0.2
MEZF	Maizieres J'vi	27.02	57	eP	P	03 58 43.3 +0.2
ORIF	Oris-en-Rattie	27.26	64	eP	P	03 58 48.4 +2.8
ORIF	Oris-en-Rattie	27.26	64	eP	P	03 58 48.4 +2.8
ORIF	Oris-en-Rattie	27.26	64	eP	P	03 58 48.4 +2.8
CABF	La Chapelle	27.49	61	eP	P	03 58 48.0 +0.3
CABF	La Chapelle	27.49	61	eP	P	03 58 48.0 +0.3
HAU	Haudompre	27.81	58	eP	P	03 58 50.6 +0.1
HAU	Haudompre	27.81	58	eP	P	03 58 50.6 +0.1
HAU	Haudompre	27.81	58	eP	P	03 58 50.6 +0.1
HINF	Hinterfall	28.13	58	eP	P	03 58 52.5 -0.9
HINF	Hinterfall	28.13	58	eP	P	03 58 52.5 -0.9
CDF	Champ du Feu	28.48	57	eP	P	03 58 56.9 +0.4
CDF	Champ du Feu	28.48	57	eP	P	03 58 56.9 +0.4
CDF	Champ du Feu	28.48	57	eP	P	03 58 56.9 +0.4
BFO	Black Forest	29.17	58	eP	P	03 59 02.9 +0.3
BFO	Black Forest	29.17	58	eP	P	03 59 02.9 +0.3
BFO	Black Forest	29.17	58	eP	P	03 59 02.9 +0.3
SCHC	Schefferville	29.97 316 P			P	03 59 08.4 -1.3
KEST	Kesra	31.13 82 P			P	03 59 22.4 +2.3
KEST	Kesra	31.13 82 P			P	03 59 22.4 +2.3
GRA1	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
GRA1	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
GRA1	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
GRF	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
GRF	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
GRF	Grafenberg Arr	31.20 55 eP			P	03 59 21.7 +1.2
WTTA	Wattenberg	31.32 60 P			P	03 59 23.0 +1.3
WTTA	Wattenberg	31.32 60 P			P	03 59 23.0 +1.3
WTTA	Wattenberg	31.32 60 P			P	03 59 23.0 +1.3
NKC	Novy Kostel	32.04 54 eP			P	03 59 29.2 +1.3
NKC	Novy Kostel	32.04 54 eP			P	03 59 29.2 +1.3
CLL	Collim	32.51 52 eP			P	03 59 33.0 +1.0
CLL	Collim	32.51 52 eP			P	03 59 33.0 +1.0
CLL	Collim	32.51 52 eP			P	03 59 33.0 +1.0
KHC	Kasperske Hory	32.69 56 eP			P	03 59 41.0 +4.3
MOA	Molin	33.11 59 P			P	03 59 38.3 +0.9
MOA	Molin	33.11 59 P			P	03 59 38.3 +0.9
PRU	Pruhonic	33.37 55 AMS			AMS	04 22 50.0
PVCC	Panska Ves	33.42 54 AMS			AMS	04 22 50.0
NB2	NORSAR Subarra	34.06 35 P			P	03 59 46.0 +0.6
NOA	NORSAR Array B	34.06 35 P			P	03 59 46.0 +0.6
NOA	NORSAR Array B	34.06 35 P			P	03 59 46.0 +0.6
NOA	NORSAR Array B	34.06 35 P			P	03 59 46.0 +0.6
DPC	Dobruska-Polom	34.53 54 eP			P	03 59 51.0 +1.4
DPC	Dobruska-Polom	34.53 54 eP			P	03 59 51.0 +1.4
DPC	Dobruska-Polom	34.53 54 eP			P	03 59 51.0 +1.4
SUMG	Summit	34.64 355 I P			P	03 59 49.3 -1.1
SUMG	Summit	34.64 355 I P			P	03 59 49.3 -1.1
SUMG	Summit	34.64 355 I P			P	03 59 49.3 -1.1
SUMG	Summit	34.64 355 eP			P	03 59 50.4 0.0
CUC	Castrocuco	35.05 73 eP			P	03 59 56.2 +1.9
CUC	Castrocuco	35.05 73 eP			P	03 59 56.2 +1.9
CUC	Castrocuco	35.05 73 eP			P	03 59 56.2 +1.9
OKC	Ojcow	36.75 55 eP			P	04 00 09.9 +1.2
OKC	Ojcow	36.75 55 eP			P	04 00 09.9 +1.2
TORD	Torodi Ar. Bea	37.46 123 e P			P	04 00 15.9 +0.8
CRVS	Cervenica-Dubn	37.88 57 eP			P	04 00 20.8 +2.5
CRVS	Cervenica-Dubn	37.88 57 eP			P	04 00 20.8 +2.5
CRVS	Cervenica-Dubn	37.88 57 eP			P	04 00 20.8 +2.5
KOLS	Kolonickie sedl	38.41 57 eP			P	04 00 24.4 +1.6
KOLS	Kolonickie sedl	38.41 57 eP			P	04 00 24.4 +1.6
KOLS	Kolonickie sedl	38.41 57 eP			P	04 00 24.4 +1.6
DBIC	Dimbokro	38.69 138 P			P	04 00 27.7 +2.3
DBIC	Dimbokro	38.69 138 P			P	04 00 27.7 +2.3
DBIC	Dimbokro	38.69 138 P			P	04 00 27.7 +2.3
BUR08	Bucovina Ar. S	40.49 58 eP			P	04 00 41.3 +1.2
BUR08	Bucovina Ar. S	40.49 58 eP			P	04 00 41.3 +1.2
ACSO	Alum Creek Sta	40.78 290 eP			P	04 00 42.1 -0.5
ACSO	Alum Creek Sta	40.78 290 eP			P	04 00 42.1 -0.5
ACSO	Alum Creek Sta	40.78 290 eP			P	04 00 42.1 -0.5
FINES	FINES Array B	41.08 37 P			P	04 00 44.8 0.0

FINES	FINES Array B	41.08 37 P			P	04 00 44.8 0.0
KAF	Kangasniemi	41.28 36 eP			P	04 00 45.3 -1.2
KAF	Kangasniemi	41.28 36 eP			P	04 00 45.3 -1.2
KAF	Kangasniemi	41.28 36 eP			P	04 00 45.3 -1.2
ARC	ARCCESS Array B	42.65 25 P			P	04 00 57.0 -0.6
ARC	ARCCESS Array B	42.65 25 P			P	04 00 57.0 -0.6
ARC	ARCCESS Array B	42.65 25 P			P	04 00 57.0 -0.6
KIEV	Kiev	42.72 53 eP			P	04 00 58.3 -0.1
KIEV	Kiev	42.72 53 eP			P	04 00 58.3 -0.1
TKL	Tuckaleechee C	42.77 284 P			P	04 00 58.5 -0.4
TKL	Tuckaleechee C	42.77 284 P			P	04 00 58.5 -0.4
TKL	Tuckaleechee C	42.77 284 P			P	04 00 58.5 -0.4
KEV	Kevo	43.21 25 eP			P	04 01 00.6 -1.5
KEV	Kevo	43.21 25 eP			P	04 01 00.6 -1.5
KEV	Kevo	43.21 25 eP			P	04 01 00.6 -1.5
GOGA	Godfrey	43.34 281 eP			P	04 01 03.6 -0.1
GOGA	Godfrey	43.34 281 eP			P	04 01 03.6 -0.1
GOGA	Godfrey	43.34 281 eP			P	04 01 03.6 -0.1
JOF	Joensuu	43.68 35 eP			P	04 01 03.8 -2.2
JOF	Joensuu	43.68 35 eP			P	04 01 03.8 -2.2
JOF	Joensuu	43.68 35 eP			P	04 01 03.8 -2.2
WWT	Waverly	45.69 286 eP			P	04 01 20.9 -1.5
WWT	Waverly	45.69 286 eP			P	04 01 20.9 -1.5
WWT	Waverly	45.69 286 eP			P	04 01 20.9 -1.5
SIUC	Southern Illin	46.18 289 P			P	04 01 26.6 +0.4
SIUC	Southern Illin	46.18 289 P			P	04 01 26.6 +0.4
SIUC	Southern Illin	46.18 289 P			P	04 01 26.6 +0.4
OBN	Obninsk	46.41 46 eP			P	04 01 30.3 +1.0
OBN	Obninsk	46.41 46 eP			P	04 01 30.3 +1.0
OBN	Obninsk	46.41 46 eP			P	04 01 30.3 +1.0
FVM	French Village	46.98 289 eP			P	04 01 31.6 -1.0
FVM	French Village	46.98 289 eP			P	04 01 31.6 -1.0
FVM	French Village	46.98 289 eP			P	04 01 31.6 -1.0
SDV	Santo Domingo	46.99 242 eP			P	04 01 34.4 +1.6
SDV	Santo Domingo	46.99 242 eP			P	04 01 34.4 +1.6
SDV	Santo Domingo	46.99 242 eP			P	04 01 34.4 +1.6
OXF	Oxford	47.49 285 eP			P	04 01 35.3 -1.2
OXF	Oxford	47.49 285 eP			P	04 01 35.3 -1.2
OXF	Oxford	47.49 285 eP			P	04 01 35.3 -1.2
CCM	Cathedral Cave	47.56 290 eP			P	04 01 35.8 -1.3
CCM	Cathedral Cave	47.56 290 eP			P	04 01 35.8 -1.3
CCM	Cathedral Cave	47.56 290 eP			P	04 01 35.8 -1.3
BRTR	Reskin Array B	48.31 67 P			P	04 01 42.0 -0.8
BRTR	Reskin Array B	48.31 67 P			P	04 01 42.0 -0.8
BRTR	Reskin Array B	48.31 67 P			P	04 01 42.0 -0.8
UALR	University of	49.61 286 eP			P	04 01 52.2 -0.6
UALR	University of	49.61 286 eP			P	04 01 52.2 -0.6
UALR	University of	49.61 286 eP			P	04 01 52.2 -0.6
FFC	Flin Flon	50.39 314 eP			P	04 01 56.6 +0.4
FFC	Flin Flon	50.39 314 eP			P	04 01 56.6 +0.4
FFC	Flin Flon	50.39 314 eP			P	04 01 56.6 +0.4
MIAR	Mount Ida	50.63 287 eP			P	04 01 59.5 -1.1
MIAR	Mount Ida	50.63 287 eP			P	04 01 59.5 -1.1
MIAR	Mount Ida	50.63 287 eP			P	04 01 59.5 -1.1
KSU1	Kansas State U	51.12 293 eP			P	04 02 02.6 -1.6
KSU1	Kansas State U	51.12 293 eP			P	04 02 02.6 -1.6
KSU1	Kansas State U	51.12 293 eP			P	04 02 02.6 -1.6
MALT	Malatya	52.30 67 eP			P	04 02 14.0 +1.0
MALT	Malatya	52.30 67 eP			P	04 02 14.0 +1.0
MALT	Malatya	52.30 67 eP			P	04 02 14.0 +1.0
B21A	Ellsworth Farm	54.88 307 P			P	04 02 30.8 -1.8
B21A	Ellsworth Farm	54.88 307 P			P	04 02 30.8 -1.8
B21A	Ellsworth Farm	54.88 307 P			P	04 02 30.8 -1.8
LAO	LASA Array	54.98 305 eP			P	04 02 32.1 -0.5
LAO	LASA Array	54.98 305 eP			P	04 02 32.1 -0.5
LAO	LASA Array	54.98 305 eP			P	04 02 32.1 -0.5
C20A	Desert Coulee	55.14 307 P			P	04 02 33.2 -0.5
C20A	Desert Coulee	55.14 307 P			P	04 02 33.2 -0.5
C20A	Desert Coulee	55.14 307 P			P	04 02 33.2 -0.5
D20A	Manuel Ranch	56.06 306 P			P	04 02 39.9 -0.4
D20A	Manuel Ranch	56.06 306 P			P	04 02 39.9 -0.4
D20A	Manuel Ranch	56.06 306 P			P	04 02 39.9 -0.4
BDFB	Brasilia	56.33 201 P			P	04 02 42.9 +0.5
BDFB	Brasilia	56.33 201 P			P	04 02 42.9 +0.5
BDFB	Brasilia	56.33 201 P			P	04 02 42.9 +0.5
C19A	Black Wire Ran	56.40 307 P			P	04 02 42.4 -0.5
C19A	Black Wire Ran	56.40 307 P			P	04 02 42.4 -0.5
C19A	Black Wire Ran	56.40 307 P			P	04 02 42.4 -0.5
A18A	Mietzer Ranch	56.45 309 P			P	04 02 41.7 -1.4
A18A	Mietzer Ranch	56.45 309 P			P	04 02 41.7 -1.4
A18A	Mietzer Ranch	56.45 309 P			P	04

Table with columns: U16A, Q14R, LNOR, Y18A, T15A, WUAZ, 320A, ETW, ETW, S17A, X14A, U15A, 118A, V15A, Y17A, 319A, X16A, S13A, 218A, R12A, Y16A, J08A, X15A, V14A, W14A, U13A, 217A, R11A, X14A, V13A, U12A, 216A, T11A, Y14A, R10A, SHPR, SHPR, X13A, 114A, ILAR, ILAR, NVAR, NVAR, CFAA, CFAA, SONM, PLCA, KAKA, ASAR. Includes station names, coordinates, and various parameters.

IDC 08 03:54:14.7:569.0, 33.97N:149.20E, h0km, Error ellipse: s-maj=1132.0km s-min=52.9km az=117.0, North Pacific Ocean

Table with columns: KRSC 08 03:57:05.8:1.1, 55.28N:160.89E, h124km, 33km, ML3.5, Kamchatka Peninsula. Includes station names like BZGR, BZMR, ZLN, KIRR, KPT, MKZ, KRSR, KOZ, KLY, KLY, SRDR, KBTR, SPN, NLC, NLC, AVH and their respective data.

ISCJB 08 04:01:57.3:2.15:65S:0:3:75:1W:0:2, h67km, 23km, mb3.8/2, Error ellipse: s-maj=57.0km s-min=11.1km az=4.4

IDC 08 04:01:59.8:5.4, 15:50S:74:99W, h67km, 33km, mb3.5/2, mb1.3/7.6, mb1mx3.4/2.1, mbmp3.6/6, ML3.4/4, Error ellipse: s-maj=89.6km s-min=16.0km az=40.0

NEIC 08 04:02:07.5:2.0, 13:83S:74:13W, h83km, 17km, Error ellipse: s-maj=131.6km s-min=10.8km az=107.0

ISC 08 04:01:57.9:3.3, 15:75S:0:3:75:1W:0:3, h61km, 23km, n10, r151012, mb3.8/2, Near coast of Peru

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

Table with columns: NNA, NNA, LPAZ, LPAZ, ATAH, ATAH, ATAH, SIV, TXAR, TXAR, TXAR, TORO, TORO, SONM. Includes station names and coordinates.

IDC 08 04:09:28.4:0.8, 39:64N:67:70E, h0km, mb3.8/12, mb1.4/0.17, mb1mx3.9/3.1, mbmp3.9/17, ML3.9/5, MS3.9/1, Ms1.4/1.1, ms1mx3.0/3.8, Error ellipse: s-maj=14.8km s-min=11.8km az=169.0

ISCJB 08 04:09:29.0:4.0, 40:11N:0:03:67:61E:0:05, h10km, mb3.7/12, Error ellipse: s-maj=5.6km s-min=4.4km az=0.8

NINC 08 04:09:30.7:4.8, 40:17N:67:47E, h0km, mb4.0, mpv3.9, Error ellipse: s-maj=43.7km s-min=22.8km az=25.0

NEIC 08 04:09:35.2:1.0, 40:05N:67:66E, h38km, 10km, mb3.6/1, Error ellipse: s-maj=10.7km s-min=8.3km az=213.0

ISC 08 04:09:32.3:0.4, 40:10N:0:03:67:51E:0:05, h10km, n52, r121/65, mb3.7/12, 11:6D, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations KK31, KK31, KK31, KK31, KKAR, KKAR, AML, AML, AML, AML, EKS2, EKS2, EKS2, KBL, AAK, AAK, AAK, AAK, AAK, USP, KBK, KZA, KZA, KSH, KSH, KSH, TKM2, TKM2, TKM2, TKM2, UHLH, CEP, CHCP, THW, AB31, AB31, AB31, ABKAR, ABKAR, AKTK, AKTK, AKTK, AKTK, AKTK, AKTK, VOSK, VOSK, VOSK, ZRNR, ZRNR, ZRNR, KURB, BVAO, BVAO, BVAO, BVAR, BVAR, BRVK, BRVK, BRVK, ARU, ARU, ZALV, BRTR, SONM, FINES, CMAR, ARCES, ARCES, NBSR, NBSR, NOA, NOA, EKA, EKA, TORD, TORD, YLA, YLA, YLA.

Table with columns: FITZ, WRA, WRA, ASAR. Includes station names and coordinates.

IDC 08 04:13:04.8:589.0, 33.94N:149.19E, h0km, Error ellipse: s-maj=1171.0km s-min=52.9km az=117.0, North Pacific Ocean

IDC 08 04:20:13.7:1.3, 2:46S:140:23E, h0km, mb3.7/5, mb1.4/0.6, mb1mx3.8/1.5, mbmp3.8/6, ML4.1/1, Error ellipse: s-maj=57.5km s-min=22.3km az=100.0

ISCJB 08 04:20:19.4:3.4, 2:6S:0:1:139:9E:0:2, h49km, 32km, mb3.7/4, Error ellipse: s-maj=31.9km s-min=16.3km az=10.8

NEIC 08 04:20:19.1:0.8, 2:52S:140:03E, h35km, mb3.6/1, Error ellipse: s-maj=22.8km s-min=12.1km az=99.0

ISC 08 04:20:21.4:4.4, 2:75S:0:2:193:8E:0:2, h37km, 40km, n11, r1509:12, mb3.7/4, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations KAKA, KAKA, WB2, WRA, WRA, WRA, CTAO, FITZ, ASAR, STKA, STKA, STKA, MKAR, MKAR, DBIC.

IDC 08 04:29:33.2:617.0, 34:87N:146:98E, h0km, Error ellipse: s-maj=1224.0km s-min=58.0km az=116.0, Off east coast of Honshu

IDC 08 04:32:09.3:2.1, 51:16N:178:59W, h0km, mb3.4/4, mb1.3/9.5, mb1mx3.5/2.5, mbmp3.6/5, ML4.2/1, Error ellipse: s-maj=55.8km s-min=34.2km az=2.0

ISCJB 08 04:32:16.6:1.4, 51:3N:0:3:178:3W:0:1, h62km, 9km, mb3.5/4, Error ellipse: s-maj=44.9km s-min=7.8km az=167.7

NEIC 08 04:32:17.5:51:27N:178:21W, h27km, ML3.5(AEIC), After AEIC

ISC 08 04:32:17.6:1.4, 51:3N:0:3:178:3W:0:1, h52km, 11km, n12, r1509:13, mb3.5/4, Andreeof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations ADK, ADK, AMKA, GSTR, GSTR, NIKO, CHGN, KDAD, ILAR, PDAR, ARCES, ARCES, TXAR, BOSA, BOSA, BOSA.

IDC 08 04:36:19.9:3.8, 21:93S:148:36E, h0km, mb3.7/1, mb1.3/8.5, mb1mx3.7/1.5, mbmp3.7/5, ML3.3/4, MS3.3/1, Ms1.3/3.1, ms1mx3.1/1.8, Error ellipse: s-maj=38.7km s-min=18.6km az=78.0, Queensland

Table with columns: CTA, CTA, CTA, CTA, CTA, STKA, STKA, WRA, WRA, WRA, ASAR, ASAR, ASAR, FITZ.

IDC 08 04:49:20.7:665.0, 34:91N:146:92E, h0km, Error ellipse: s-maj=1320.0km s-min=58.9km az=114.0, Off east coast of Honshu

IDC 08 04:52:46.3:2.2, 11:78S:165:11E, h0km, mb3.9/4, mb1.4/3.4, mb1mx3.9/1.7, mbmp3.9/4, Error ellipse: s-maj=143.7km s-min=25.8km az=145.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations WRA, ASAR, ILAR, NVAR.

IDC 08 04:56:46.0:1.2, 24:23N:107:24E, h1km, 8km, MD3.9, BLJ 08 04:56:02.0, 25:42N:107:15E, h17km, ML3.5/7, Southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations GYA, GYA.



KISR 08 06:57:14.7 0.8, 32.49N, 47.44E, h34km, 999km, ML2.8
CSEM 08 06:57:16.4 0.2, 32.32N, 47.34E, h2km, ML2.8, Error
ellipse: s-maj=7.1km s-min=3.6km az=100.0

TEH 08 06:57:16.5, 32.22N, 47.30E, h11km
ISC 08 06:57:16.7 1.5, 32.31N, 0.04, 47.36E, 0.06, h2km, 1.1km,
n18, 0.950/27, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SHGR, IKOM, IGHI, MIB, BHD, SNGE, BND, NAY, ZNFJ, NASN.

ISK 08 07:03:25.6 37.37N, 36.21E, h6km, MD2.8
DDA 08 07:03:26.7 37.56N, 36.25E, h16km, 2km, MD3.0
CSEM 08 07:03:26.6 0.2, 37.51N, 36.20E, h5km, MD3.0, Error
ellipse: s-maj=5.8km s-min=3.6km az=1.0

ISCJB 08 07:03:27.1 0.4, 37.50N, 0.04, 36.20E, 0.10, h10km, Error
ellipse: s-maj=5.1km s-min=3.0km az=4.1

ISC 08 07:03:27.0 0.4, 37.50N, 0.03, 36.20E, 0.10, h6km, 4km,
n27, 0.994/47, 2C-10, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ANDN, KOZAN, KMRS, CEYH, GAZ, KARA, KUZU, PINB, SARI, AKCD, AVNT, ATAB, MYA.

DJA 08 07:33:58, 1.46S, 100.82E, h7km, MLV3.5/5, Southern
Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PDSI, SDSI, KRJI, PPI, SISI.

ISCJB 08 07:42:35.1 0.6, 39.70N, 0.10, 95.50E, 0.06, h10km,
mb3.5/8, Error ellipse: s-maj=14.2km s-min=6.1km
az=14.0

ISC 08 07:42:35.7 0.8, 39.62N, 95.48E, h0km, mb3.5/8,
mb1 3.7/1, mb1mx3.6/2.8, mbtmp3.6/11, ML3.3/3, MS3.0/1,
Ms1 3.7/1, ms1mx2.3/2.7, Error ellipse: s-maj=26.0km
s-min=16.1km az=54.0

BUI 08 07:42:36.8 39.78N, 95.20E, h8km, ML3.7/9, Ms3.4/4,
Ms7.3/2/3

NEIC 08 07:42:37.3 0.6, 39.68N, 95.34E, h10km, Error ellipse:
s-maj=14.3km s-min=10.4km az=224.0

ISC 08 07:42:37.2 0.6, 39.68N, 0.09, 95.44E, 0.06, h10km, n16,
0.888/22, mb3.5/8, Gansu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like GTA, GYA, CMAR, KRSR, MKAR, ZALV, WRA, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WMQ, LZH, LZM, LZJ, LZK, LZL, LZM, LZN, LZP, LZQ, LZR, LZS, LZT, LZU, LZV, LZW, LZX, LZY, LZZ.

ISC 08 07:54:13.3 1.1, 6.14S, 149.33E, h0km, mb4.0/5,
mb1 4.2/5, mb1mx3.9/16, mbtmp4.0/5, MS3.7/4, Ms1 3.7/4,
ms1mx3.1/20, Error ellipse: s-maj=52.5km s-min=23.5km
az=127.0

ISCJB 08 07:54:19.1 3.7, 6.1S, 0.2, 149.1E, 0.3, h52km, 31km,
mb3.8/4, MS3.8/3, Error ellipse: s-maj=60.4km,
s-min=25.8km az=33.8

NEIC 08 07:54:19.2 2.9, 6.12S, 149.17E, h47km, 23km, Error
ellipse: s-maj=37.7km s-min=21.0km az=133.0

ISC 08 07:54:19.6 3.9, 6.05S, 0.2, 148.9E, 0.3, h42km, 34km, n16,
0.993/9, mb3.8/4, MS3.8/3, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PMG, WBA, ASAR, FITZ, STKA, MJAR, ILAR, RPN, TORD, BDBF, DBIC.

MAN 08 07:55:03, 17.27N, 122.51E, h21km, mb4.1, ML2.9, MS2.6,
Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PALP, CAUP, CVP, APYP.

ISCJB 08 07:55:18.5 0.9, 31.16N, 0.04, 103.13E, 0.07, h10km,
mb3.5/5, Error ellipse: s-maj=9.3km s-min=5.8km
az=170.2

ISC 08 07:55:21.2 1.2, 30.95N, 103.46E, h0km, mb3.5/5,
mb1 3.7/6, mb1mx3.5/2.2, mbtmp3.6/6, Error ellipse:
s-maj=38.6km s-min=22.6km az=62.0

BUI 08 07:55:23.9 39.90N, 103.46E, h15km, ML3.7/13, Ms3.2/2,
Ms7.3/1/1

ISC 08 07:55:22.7 0.7, 31.11N, 0.04, 103.37E, 0.06, h10km, n11,
0.150/16, mb3.5/5, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CD2, LZH, LZM, LZN, LZP, LZQ, LZR, LZS, LZT, LZU, LZV, LZW, LZX, LZY, LZZ, GYA, XAN, CMAR, KRSR, MKAR, ZALV, WRA, ASAR.

ISCJB 08 07:58:26.9 1.1, 0.78N, 0.08, 122.52E, 0.07, h10km,
mb3.5/3, Error ellipse: s-maj=12.5km s-min=8.5km
az=148.5

ISC 08 07:58:27.9 1.1, 0.50N, 122.35E, h0km, mb3.6/3,
mb1 3.8/4, mb1mx3.6/2.1, mbtmp3.6/4, ML3.8/1, Error
ellipse: s-maj=14.37km s-min=26.3km az=64.0

DJA 08 07:58:27.1 0.7N, 121.66E, h10km, MLV4.1/3
NEIC 08 07:58:29.1 1.1, 0.63N, 122.68E, h35km, Error ellipse:
s-maj=80.6km s-min=16.5km az=65.0

ISC 08 07:58:28.5 0.1, 2.079N, 0.09, 122.50E, 0.06, h10km, n10,
0.1939/12, mb3.5/3, Minanassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MRSI, KMSI, APSI, KDI, FITZ, WRA, WBA, ASAR, MKAR.

NEIC 08 07:40:8, 20.29N, 65.20W, h0km, MD3.5(RSPR), After
RSPR

RSPR 08 07:40:8, 20.29N, 65.20W, h0km, 5km, MD3.5/6, 2C-10D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like STVI, STBI, TBVI, HUMP, SJJG, AOPR, CRPR.

ISC 08 08:31:36.7 1.0, 23.07N, 121.18E, h0km, mb3.7/5,
mb1 3.9/6, mb1mx3.7/23, mbtmp3.7/6, ML3.4/1, MS3.2/1,
Ms1 3.2/1, ms1mx2.5/35, Error ellipse: s-maj=48.6km
s-min=19.8km az=75.0

BUI 08 08:31:37.0 23.30N, 121.70E, h20km, mb3.9/1, ML3.6/4
NEIC 08 08:31:38.0 0.8, 23.34N, 121.69E, h10km, ML4.7(TAP),
Error ellipse: s-maj=10.6km s-min=9.0km az=93.0

NEIC Recorded [3 TAP] In Hua-lien and T'ai-lung; [1 TAP] In
Chang-hua and Chia-i

ISCJB 08 08:31:40.3 0.3, 23.39N, 0.02, 121.60E, 0.02, h27km, 2km,
mb3.8/5, Error ellipse: s-maj=1.1km s-min=2.2km az=35.4

TAP 08 08:31:40.9 23.43N, 121.51E, h31km, ML4.3, B
JMA 08 08:31:42.0 0.3, 23.45N, 121.63E, h7km, ML3.4

ISC 08 08:31:40.5 0.3, 23.39N, 0.02, 121.59E, 0.02, h24km, 2km,
n81, 0.996/129, mb3.8/5, 23C-10, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like YULB, EHY, TWF1, TEGC, CHKT, ESL, ESF, ELDTW, HWA, YUS, TWD, SSSLB, ALS, TWG, TTT, NACB, STYT, SMLT, WHF, TYC, CHNS, TPUB, WTP, WTT, TWT.

ISC 08 08:31:40.5 0.3, 23.39N, 0.02, 121.59E, 0.02, h24km, 2km,
n81, 0.996/129, mb3.8/5, 23C-10, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like YULB, EHY, TWF1, TEGC, CHKT, ESL, ESF, ELDTW, HWA, YUS, TWD, SSSLB, ALS, TWG, TTT, NACB, STYT, SMLT, WHF, TYC, CHNS, TPUB, WTP, WTT, TWT.

Table with columns: WNT, Mingjian, 0.96 301, P, Pb, 08 31 58.5 0.0, etc. Includes various station codes and coordinates.

IDC 08 08:39:02.4-0.9, 12.53N-87.73W, h0km, mb3.9/11, mb1.4/12, mb1mx3.9/25, mbtmpp3.9/12, ML3-5.1, MS3.6/3, MS1.3/3, ms1mx2.8/34, Error ellipse: s-maj=37.2km, s-min=17.9km az=56.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s, ISC. Lists numerous stations like CNCH, CRIN, YSM, etc.

Table with columns: D20A, Manuel Ranch, 38.76 338, P, P, 08 45 29.9 -0.4, etc. Includes stations like H14A, BOZ, G15A, etc.

MOS 08 09:15:50.3-2.1, 53.38N-161.169E, h15km, mb4.3/3, Error ellipse: s-maj=12.8km, s-min=12.8km az=87.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s, ISC. Lists stations like SPN, MYK, MKZ, etc.

IDC 08 09:26:37.3-1.0, 0.97N-96.59E, h0km, mb4.4/12, mb1.4/13, mb1mx4.1/25, mbtmpp4.4/13, ML4.2/1, MS3.6/2, MS1.3/2, ms1mx3.0/28, Error ellipse: s-maj=38.6km, s-min=14.0km az=62.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s, ISC. Lists stations like TPTI, MNSI, TSI, etc.







Table with columns: STATION, Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like SONGINGO, NANJING, YKFA, etc.

Table with columns: STATION, Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like BAIF, GZR, GZR, etc.

CSEM 08 10:15:22.2, 37.81N-25.44W, h0km, ML1.8, After PDA

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like GRON, PDA, etc.

MOS 08 10:43:24.3, 1.0, 2.13S, 100.56E, h33km, mb5.3/47, Error ellipse: s-maj=13.1km, s-min=5.8km, az=109.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like KRJI, PDSI, etc.

NEIC 08 10:29.8, 1.1, 2.22S, 100.51E, h67km, mb5.1/38, Error ellipse: s-maj=9.5km, s-min=4.5km, az=55.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like KRJI, PDSI, etc.

Table with columns: STATION, Name, Azimuth, Azimuth Error, Phase, Phase Error, Time, Time Error, ISC, h, m, s, ISC, h, m, s. Includes stations like MYKOM, FRIM, BLSI, etc.







Table with columns: PBAR, Barrancos, 1.34, 16, P, Pn, 13 02 13.1 +1.0, EQES, Quesada, 3.65, 74, P, Pn, 13 02 44.5 +0.8, PTK, Pertek, 0.23, 28, ePg, Sg, 14 37 27.2 -0.2, etc.

Table with columns: EQES, Quesada, 3.65, 74, P, Pn, 13 02 44.5 +0.8, PTK, Pertek, 0.23, 28, ePg, Sg, 14 37 27.2 -0.2, etc.

Table with columns: PTK, Elazig, 0.28, 228, iP, Sg, 14 37 31.3 +0.2, etc.

NEIC 08 13:58:10.4, 16:67N-94:95W, h104km, MD3.9(MEX), After MEX.

MEX 08 13:58:10.4±1.6, 16:67N-94:95W, h104km±31km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, HUIG, Huatulco, 1.43, 231, iP, Pn, 13 58 34.0 -2.0, etc.

DJA 08 13:58:45, 10:36S-119:47E, h20km, MLV3.9/6, Sumba region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, WSI, Waingapu, 1.07, 50, P, S, 13 59 04.3 -0.5, etc.

MEX 08 14:01:45.9±1.3, 14:32N-93:40W, h16km, 90km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, THIG, Oaxaca, 1.24, 62, iP, Pn, 14 02 04.2 -4.4, etc.

ISK 08 14:37:21.8, 38:69N-39:23E, h12km, MD2.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, PTK, Pertek, 0.23, 28, ePg, Sg, 14 37 27.2 -0.2, etc.

ISCJB 08 15:21:05.7, 0.5, 52:07S-0:06:28.1E±0.2, h10km, mb3.9/9, MS3.8/12, Error ellipse: s-maj=18.0km s-min=8.7km az=171.8

IDC 08 15:21:05.6±0.7, 52:01S-28:40E, h0km, mb3.9/10, mb1.4/1.0, mb1mx3.9/2.0, mbtmp4.0/1.0, MS3.7/11, Ms1.3/7.11, ms1mx3.5/2.2, Error ellipse: s-maj=33.4km s-min=15.6km az=71.0

NEIC 08 15:21:07.3±0.4, 52:05S-28:44E, h10km, mb4.1/2, Error ellipse: s-maj=20.2km s-min=8.8km az=72.0

ISC 08 15:21:07.1±0.5, 52:10S-0:06:28.4E±0.2, h10km, n35, c088/24, mb3.9/9, MS3.8/12, 2C, South of Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, SYO, Syowa Base, 17.78, 167, iP, Pn, 15 25 11.0 -3.4, etc.





mb1 4.1/10, mb1mx3.9/20, mbtmp4.0/10, ML4.0/2, MS3.1/1, Ms1 3.1/1, ms1mx2.8/24, Error ellipse: s-maj=36.2km s-min=11.6km az=53.0

ISCBJ 08 17:36:20.2, 0.5, 8.20S, 0.04x118.53E, 0.03, h34km, 6km, mb4.0/10, Error ellipse: s-maj=6.2km s-min=4.2km az=13.6

DJA 08 17:36:20.8, 25S, 118.47E, h19km, MLv4.4/14 NEIC 08 17:36:20.9, 0.5, 8.22S, 118.55E, h25km, mb4.1/1, Error ellipse: s-maj=16.0km s-min=7.4km az=69.0

ISC 08 17:36:21.2, 0.7, 8.24S, 0.04x118.53E, 0.03, h28km, 6km, n39, r15/53, mb4.0/10, Sumbawa region

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

ISC 08 17:38:28.8, 3.5, 5.95S, 151.25E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/16, mbtmp3.8/3, Error ellipse: s-maj=118.8km s-min=49.1km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the New Britain region.

ISC/BJ 08 17:39:14.1, 1.1, 3.22N, 0.04x47.50E, 0.07, h10km, 11km, Error ellipse: s-maj=10.2km s-min=6.7km az=160.6

TEH 08 17:39:16.8, 3.2, 20N, 47.44E, h2km CSEM 08 17:39:16.8, 1.0, 3.21N, 47.61E, h2km, ML3.3, Error ellipse: s-maj=26.4km s-min=12.6km az=43.0

ISC 08 17:39:14.0, 1.1, 3.21N, 0.04x47.33E, 0.06, h8km, 11km, n20, r104/24, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Iran-Iraq border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the ASAO region.

ISC/BJ 08 17:41:05.4, 0.5, 35.60N, 0.06x99.42E, 0.06, h10km, mb3.6/9, Error ellipse: s-maj=9.4km s-min=6.9km az=22.1

ISC 08 17:41:05.7, 0.9, 35.48N, 99.44E, h0km, mb3.6/10, Mb1 3.8/13, mb1mx3.7/27, mbtmp3.7/13, ML3.7/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/30, Error ellipse: s-maj=29.6km s-min=17.1km az=52.0

BUJ 08 17:41:06.0, 0.35, 55N, 99.43E, h13km, mb3.7/2, ML3.6/11, Ms3.6/5, Ms7 3.3/5 NEIC 08 17:41:07.4, 0.5, 35.57N, 99.46E, h10km, mb3.6/3, Error ellipse: s-maj=17.4km s-min=13.1km az=72.0

ISC 08 17:41:07.5, 0.5, 35.63N, 0.05x99.44E, 0.06, h10km, n20, r15/26, mb3.6/9, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations across multiple regions.

ISC 08 17:50:15.2, 1.6, 32.38N, 47.16E, h0km, mb3.8/8, mb1 3.8/12, mb1mx3.6/27, mbtmp3.7/12, ML3.6/4, MS3.3/2, Ms1 3.3/2, ms1mx2.5/35, Error ellipse: s-maj=34.4km s-min=17.9km az=165.0

ISC/BJ 08 17:50:16.0, 1.0, 3.2, 36N, 0.03x47.30E, 0.04, h9km, 7km, mb3.7/10, MS3.2/2, Error ellipse: s-maj=5.9km s-min=4.0km az=150.0

NEIC 08 17:50:16.2, 32.25N, 47.26E, h14km, mb3.5/3, ML3.7(7HR), After THR, THR 08 17:50:16.2, 0.6, 32.25N, 47.26E, h14km, gkm, ML3.7

CSEM 08 17:50:18.5, 0.2, 32.36N, 47.29E, h15km, ML3.7, Error ellipse: s-maj=6.1km s-min=4.8km az=81.0 TEH 08 17:50:20.5, 32.39N, 47.40E, h16km

ISC 08 17:50:17.1, 1.1, 32.34N, 0.03x47.28E, 0.04, h6km, 7km, n88, r123/99, mb3.7/10, MS3.2/2, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Iran-Iraq border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations across multiple regions.

ISC 08 17:58:41.8, 0.8, 54.98S, 129.87W, h0km, mb4.1/7, mb1 4.3/7, mb1mx4.1/16, mbtmp4.1/7, MS3.7/7, Ms1 3.7/7, ms1mx3.4/19, Error ellipse: s-maj=39.4km s-min=21.2km az=175.0

NEIC 08 17:58:43.2, 0.5, 54.91S, 129.87W, h10km, Error ellipse: s-maj=25.1km s-min=13.7km az=170.0

ISC 08 17:58:43.8, 0.9, 55.55S, 0.2x129.87W, 0.2, h10km, n23, r89/110, mb4.0/7, MS3.7/7, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Pacific-Antarctic Ridge region.



TRG	Tyrgan	4.15	76	ePn	Pn	18 43 46.1	+2.6
TRG				eS	Sn	18 43 56.3	
TRG				eS	Sn	18 44 33.4	+1.4
TRG				eS	Sn	18 44 49.4	
TRG	comp=N,71nm,0.3s			pmax	pmax		
TRG	comp=N,470nm,0.3s						
TRG	Tyrgan	4.15	76	ePn	Pn	18 43 46.2	+2.7
TRG				ePn	Pn	18 44 48.7	
TRG				ePg	Pg	18 43 56.6	-3.0
TRG				ePmax	Pmax	18 43 59.5	
TRG	comp=N,66nm,0.5s						
TRG				eSg	Sg	18 44 40.1	
TRG				eSg	Sg	18 44 52.3	-1.0
TRG				eSg	Sg	18 44 58.0	
TRG				eSg	Sg	18 44 59.1	
KAB	Kabansk	4.29	86	ePn	Pn	18 43 57.5	-4.7
KAB	Kabansk	4.29	86	ePg	Pg	18 43 51.0	+5.6
KAB				ePg	Pg	18 44 00.0	-2.2
KAB				ePg	Pg	18 44 01.3	
KAB	comp=N,137nm,0.3s						
KAB				eSg	Sg	18 44 46.7	
KAB				eSg	Sg	18 44 57.5	-0.2
KAB				eSg	Sg	18 45 07.9	
KAB	comp=N,2um,1.7s						
HRMR	Khuramsha	4.50	91	e	Pn	18 43 55.2	+6.9
HRMR				ePg	Pg	18 43 58.8	
HRMR				ePg	Pg	18 44 02.3	-4.0
HRMR				ePg	Pg	18 44 12.3	
HRMR	comp=N,132nm,0.6s						
HRMR				eSg	Sg	18 44 39.4	
HRMR				eSg	Sg	18 45 02.6	-2.0
HRMR				eSg	Sg	18 45 07.2	
ZRHB	Zarechye	4.61	79	ePn	Pn	18 43 53.6	+3.8
ZRHB				ePg	Pg	18 44 05.8	-2.6
ZRHB				ePg	Pg	18 44 11.8	
ZRHB				ePg	Pg	18 44 27.1	
ZRHB	comp=N,312nm,0.9s						
ZRHB				eSg	Sg	18 44 55.7	
ZRHB				eSg	Sg	18 45 07.6	-0.5
ZRHB				eSg	Sg	18 45 15.2	
ZRHB				eSg	Sg	18 45 24.7	
UUDB	Ulan-Yde	4.92	87	ePn	Pn	18 43 53.4	-0.6
UUDB				ePg	Pg	18 44 09.8	-4.5
UUDB				ePg	Pg	18 44 19.9	
UUDB	comp=N,61nm,1.1s						
UUDB				eSg	Sg	18 45 00.5	
UUDB				eSg	Sg	18 45 15.9	-2.1
UUDB				eSg	Sg	18 45 19.3	
OGRR	Ongureny	5.08	67	ePn	Pn	18 43 58.5	+2.2
OGRR				eSg	Sg	18 44 13.0	
OGRR				eSg	Sg	18 45 19.3	
OGRR	comp=N,54nm,0.3s			pmax	pmax		
OGRR	comp=N,509nm,0.9s			smax	smax		
OGRR	Ongureny	5.08	67	ePn	Pn	18 43 58.6	+2.3
OGRR				ePg	Pg	18 44 02.4	
OGRR				ePg	Pg	18 44 11.5	
OGRR				ePg	Pg	18 44 12.4	-5.0
OGRR				ePg	Pg	18 44 18.6	
OGRR	comp=N,58nm,0.3s						
OGRR				eSg	Sg	18 45 00.6	
OGRR				eSg	Sg	18 45 19.0	-4.2
OGRR				eSg	Sg	18 45 21.8	
OGRR				eSg	Sg	18 45 25.8	
CERR	Cheremushki	5.17	284	ePn	Pb	18 44 08.6	-2.0
CERR				ePg	Pg	18 45 13.1	
CERR				ePg	Pg	18 44 08.6	-2.0
CERR				ePg	Pg	18 45 13.1	+0.4
MXMB	Maximikha	5.67	73	ePn	Pb	18 44 06.5	+2.3
MXMB				ePg	Pg	18 44 11.3	
MXMB				ePg	Pg	18 44 18.6	
MXMB				ePg	Pg	18 44 24.2	-4.3
MXMB				ePg	Pg	18 44 26.9	
MXMB				ePg	Pg	18 44 29.0	
MXMB	comp=N,31nm,0.4s						
MXMB				eSg	Sg	18 45 16.0	
MXMB				eSg	Sg	18 45 39.0	-2.8
MXMB				eSg	Sg	18 45 52.1	
SOMX	Songino Array	5.94	131	Pn	Pn	18 44 09.2	+1.1
SOMX				ePg	Pg	18 44 26.3	-7.6
SOMX	comp=N,9.3nm,0.3s,baz=307,slo=17,SNR=71						
SOMX	comp=N,3.8nm,0.3s,baz=311,slo=20,SNR=42						
SOMX				Lg	Lg	18 45 48.4	
SOMX	comp=N,19nm,0.3s,baz=304,slo=27,SNR=15						
SOMX	Songino Array	5.94	131	PN	PN	18 44 09.2	+1.1
SOMX				ePg	Pg	18 44 26.3	-7.6
SOMX				ePg	Pg	18 45 16.4	+0.2
SOMX				ePg	Pg	18 45 48.4	
SOMX	comp=N,9.0nm,0.3s			pmax	pmax		
SOMX	comp=N,4.0nm,0.3s			smax	smax		
SYVR	Suvo	6.47	70	ePn	Pn	18 44 18.0	+2.6
SYVR				ePg	Pg	18 44 20.7	
SYVR				ePg	Pg	18 44 38.8	-5.2
SYVR				ePg	Pg	18 44 51.8	
SYVR	comp=N,13nm,0.7s						
SYVR				eSg	Sg	18 45 35.8	
SYVR				eSg	Sg	18 46 03.7	-4.1
SYVR				eSg	Sg	18 46 08.3	
SYVR	comp=N,209nm,1.9s						
SYVR				eSg	Sg	18 46 09.4	
NIZ	Nizh Angarsk	6.98	53	ePn	Pn	18 44 26.9	+4.7
NIZ				ePg	Pg	18 44 30.7	
NIZ				ePg	Pg	18 44 45.9	
NIZ	comp=N,34nm,1.3s						
NIZ				ePg	Pg	18 44 46.7	-6.9
NIZ				ePg	Pg	18 44 49.9	
NIZ				eSg	Sg	18 45 42.1	+0.6
NIZ				eSg	Sg	18 45 45.8	
NIZ				eSg	Sg	18 46 18.0	-5.8
NIZ				eSg	Sg	18 46 20.9	
NIZ	comp=N,555nm,1.3s						
TASR	Tashtagol	7.30	281	ePn	Pb	18 44 41.7	-5.1
TASR				ePg	Pg	18 46 19.5	
TASR				ePg	Pg	18 44 41.7	-5.1
TASR				ePg	Pg	18 46 19.5	+5.6
YLVR	Ulyunkhan	7.45	62	ePg	Pb	18 44 54.4	+5.0
YLVR				ePg	Pg	18 46 31.9	
YLVR	comp=N,13nm,0.5s			pmax	pmax		
YLVR	comp=N,182nm,1.7s			smax	smax		
YLVR	Ulyunkhan	7.45	62	ePg	Pg	18 44 31.5	+2.7
YLVR				ePg	Pg	18 44 54.5	-8.2
YLVR				ePg	Pg	18 44 59.1	
YLVR	comp=N,13nm,0.3s						
YLVR				eSg	Sg	18 46 01.7	
YLVR				eSg	Sg	18 46 31.6	-7.5
YLVR				eSg	Sg	18 46 36.8	
YLVR	comp=N,182nm,2.3s						
YLVR				eSg	Sg	18 46 47.2	
KMO	Kumora	7.86	55	ePn	Pn	18 44 36.7	+2.4
KMO	Kumora	7.86	55	ePg	Pn	18 44 36.8	+2.5
KMO				ePg	Pn	18 44 47.3	
KMO	comp=N,24nm,0.4s						
KMO				ePg	Pn	18 45 04.2	+3.0
KMO				ePg	Pn	18 46 07.1	
KMO				ePg	Pn	18 46 47.6	+4.4
KMO				ePg	Pn	18 47 04.3	
YOA	Uoyan	8.23	54	ePn	Pn	18 44 44.6	+5.2
YOA				ePg	Pn	18 45 01.4	
YOA	comp=N,58um,1.5s						
YOA				ePg	Pn	18 45 12.0	+3.3
YOA				ePg	Pn	18 45 15.9	
YOA				ePg	Pn	18 47 00.2	+4.8
YOA				ePg	Pn	18 47 07.8	
YOA	comp=N,790nm,1.8s						
ELT	Yel'tsovka	8.32	285	eSg	Sx	18 46 52.7	
CIT	Chita	8.55	84	eSg	Sn	18 46 22.0	+1.9
CIT				eSg	Sn	18 47 02.8	+4.8

CIT	comp=N,112nm,1.2s									18 47 19.0
ZALV	Zalesovo Beam	9.23	289	Pn	Pn	18 44 51.7	-1.4			
ZALV				ePg	Pg	18 45 24.3	+3.1			
ZALV	comp=N,0.2nm,0.3s,baz=90,slo=12,SNR=2.5									
ZALV	comp=N,0.7nm,0.3s,baz=92,slo=16,SNR=6.7									
ZALV				Lg	Lg	18 47 21.6				
ZALV	comp=N,1.1nm,0.3s,baz=102,slo=21,SNR=3.8									
ZALV	Zalesovo Beam	9.23	289	Pn	Pn	18 44 51.7	-1.4			
ZALV				ePg	Pg	18 45 24.3	+3.1			
ZALV				ePg	Pg	18 47 21.6				
UKR	Ust-Kan	9.39	270	eSg	Sx	18 47 26.6				
NVS	Novosibirsk	10.27	293	eSg	Sx	18 47 50.9				
CRS	Chara	11.89	58	e	Px	18 46 07.1				
CRS				e	Px	18 48 14.5				
CRS				e	Px	18 48 44.7				
CRS				eSg	Sx	18 48 52.5				
CRS				eSg	Sx	18 49 02.6				
TUP	Tupik	12.39	70	e	Sx	18 46 31.0				
TUP				e	Sx	18 46 33.4				
TUP	comp=N,2.0nm,1.6s									
TUP				e	Sx	18 48 23.6				
TUP				e	Sx	18 48 55.8				
TUP				e	Sx	18 48 07.9				
TUP				e	Sx	18 49 38.0				
MKAR	Makanchi Array	12.46	253	Pg	Px	18 46 11.7				
MKAR				ePg	Pg	18 48 11.8				
MKAR	comp=N,0.1nm,0.3s,baz=62,slo=15,SNR=3.4									
HIA	Hailar	12.99	94	ePg	Sx	18 49 11.8				
HIA				ePg	Sx	18 49 24.8				
BVAR	Borovoye Array	17.85	285	P	Pn	18 46 46.7	-1.6			
BVAR				ePg	Pn	18 46 46.7	-1.6			
KKAR	Karatay Array	21.49	257	eP	Pmax	18 47 27.6	-1.1			
KKAR				ePg	Pmax	18 47 27.6	-1.1			
KKAR	comp=N,1.0nm,0.5s,m3.4									
KKAR	Karatay Array	21.49	257	eP	P	18 47 27.6	-1.1			
KKAR				ePg	P	18 47 27.6	-1.1			
KKAR	comp=N,0.5nm,0.5s,m3.4									
KSRS	Korea Array	24.52	115	P	P	18 48 04.0	+4.5			
KSRS				ePg	P	18 48 04.0	+4.5			
KSRS	comp=N,1.2nm,0.8s,m3.4,baz=316,slo=11,SNR=4.8									
KSRS	Korea Array	24.52	115	P	Pmax	18 48 04.0	+4.5			
KSRS				ePg	Pmax	18 48 04.0	+4.5			
KSRS	comp=N,1.0nm,0.8s,m3.4									
ABKAR	Abkhal array	25.18	280	eP	P	18 48 04.4	-1.0			
ABKAR				ePg	P	18 48 04.4	-1.0			
ABKAR	comp=N,2.0nm,0.6s,m3.2									
AKTK	Aktynubinsk	25.93	283	P	P	18 48 12.2	-0.1			
AKTK				ePg	P	18 48 12.2	-0.1			
AKTK	comp=N,2.0nm,0.4s,m3.4,baz=96,slo=11,SNR=3.2									
AKTO	Aktynubinsk	25.93	283	P	Pmax	18 48 12.2	0.0			
AKTO				ePg	Pmax	18 48 12.2	0.0			
AKTO	comp=N,1.0nm,0.4s,m3.4									

CTA	comp=N,316um,21.6s,baz=42,slo=33									18 56 41.5	+0.1
Charters Tower	20.88	249	eP	P							
Charters Tower	20.88	249	eP	P							





8d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TTA, GTA, MID, RC01, MAW, KIPM, etc.

2008 SEP

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G04A, NLWA, NLWA, TIN, MOY, MOY, MONP, etc.



S11A	Rachel	88.34	51	↑P	P	19 04 47.3 +0.4
113A	Mohawk Valley	88.41	56	↑P	P	19 04 47.4 +0.1
SHPR	Sheep Range	88.44	52	eP	P	19 04 47.4 0.0
SHPR				ePP	pP	19 05 18.8 -0.7
SHPR				ePKKP	PKKPbc	19 22 29.0 -1.5
V12A	Nelson	88.44	53	↑P	P	19 04 47.6 +0.2
P10A	Eureka	88.49	49	↑P	P	19 04 47.5 +0.2
E07A	Sunnyside	88.49	41	↑P	P	19 04 47.6 +0.2
PDMCI	Parker Dam,Lak	88.56	54	↑P	P	19 04 48.2 +0.1
GUN	Gumba	88.57	299	eP	P	19 04 47.2 -1.0
ETW	Entiat	88.57	40	eP	P	19 04 47.6 -0.2
ETW	comp-Z,452nm,1.4s,mb6.3					19 05 19.5 -0.3
RSW	Rattlesnake Hi	88.60	42	eP	pP	19 04 48.4 +0.5
RSW	comp-Z,276nm,1.3s,mb6.1					19 05 19.9 -0.1
RSW				ePKKP	PKKPbc	19 22 23.5 -7.0
Z13A	Yuma Proving G	88.62	56	↑P	P	19 04 48.7 +0.4
HAWA	Hanford	88.64	42	eP	P	19 04 48.1 0.0
HAWA	comp-Z,121nm,1.0s,mb5.9					19 22 22.9 -7.5
Y13A	Salome	88.67	55	↑P	P	19 04 48.9 +0.4
TIXI	Tiksi	88.73	349	iP	pP	19 04 46.7 -1.3
TIXI				ePP	pP	19 05 17.1 -3.0
TIXI				eS	SS	19 15 02.2 -2.2
TIXI				eSS	SS	19 15 24.5
TIXI				pmx	pmx	19 21 22.9 +4.0
TIXI	comp-N,146nm,1.5s					
TIXI	comp-Z,623nm,1.5s,mb6.4					
TIXI	comp-E,263nm,1.8s					
TIXI	comp-Z,41um,5.4s					
TIXI	Tiksi	88.73	349	eP	P	19 04 47.3 -0.7
Q11A	Duckwater	88.79	50	↑P	P	19 04 49.2 +0.3
T12A	Moapa	88.80	52	↑P	P	19 04 49.5 +0.2
PKI	Pulchoki	88.88	299	eP	P	19 04 49.6 -0.1
U12A	Valley of Fire	88.89	52	↑P	P	19 04 50.0 +0.5
PKIN	Phulchoki	88.89	299	eP	P	19 04 49.5 -0.2
P11A	Circle Ranch	88.94	49	↑P	P	19 04 49.9 +0.3
214A	Organ Pipe Nat	88.95	57	↑P	P	19 04 50.2 +0.4
S12A	Delamar Landin	89.01	51	↑P	P	19 04 50.9 +0.8
KKN	Kakani	89.05	299	eP	P	19 04 49.0 -1.4
114A	Black Gap (USA	89.12	56	↑P	P	19 04 50.9 +0.2
D13A	Grand Canyon W	89.15	53	↑P	P	19 04 51.2 +0.5
VMN	Daman	89.15	299	eP	P	19 04 49.9 -1.0
Z14A	Wintersburg	89.24	56	↑P	P	19 04 51.8 +0.5
LNOR	Linton Mounta	89.27	42	eP	pP	19 04 51.1 +0.1
LNOR	comp-Z,136nm,1.7s,mb5.7					
LNOR	Linton Mounta	89.27	42	eP	P	19 04 51.1 +0.1
D08A	Wollman Farm,	89.27	41	↑P	P	19 04 51.4 +0.3
U13A	Pakoon Wash	89.33	52	↑P	P	19 04 52.2 +0.6
R12A	Pony Springs,	89.41	50	↑P	P	19 04 52.4 +0.5
B08A	Colville Reser	89.47	40	↑P	P	19 04 51.4 -0.5
OD2	Odesa Site #2	89.52	41	↑P	P	19 04 51.8 -0.3
T13A	Saint George	89.55	52	↑P	P	19 04 52.8 +0.2
X14A	Yava	89.60	54	↑P	P	19 04 53.6 +0.7
115A	Sonoran Desert	89.63	56	↑P	P	19 04 53.1 +0.1
GKN	Gorkha	89.65	299	eP	P	19 04 51.1 -2.2
S13A	Holt Ranch, En	89.75	51	↑P	P	19 04 54.0 +0.5
V14A	Boquillas Ranc	89.77	53	↑P	P	19 04 54.2 +0.6
SYO	Soyua Base	89.78	197	↑P	P	19 04 50.3 -2.8
Z15A	Gila River Ind	89.85	56	↑P	P	19 04 54.5 +0.4
Y15A	Casa Rosa Ranc	89.90	55	↑P	P	19 04 55.0 +0.7
MDRS	Chennai	89.90	283	↑P	x	19 05 09.9
C09A	Chrisman Ranch	89.94	41	↑P	x	19 04 54.2 0.0
116A	Eloy	90.02	57	↑P	P	19 04 55.4 +0.5
216A	Three Points,	90.07	57	↑P	P	19 04 55.9 +0.8
CCUT	Cedar City	90.12	51	eP	P	19 04 55.7 +0.4
X15A	Humboldt	90.12	55	↑P	P	19 04 55.9 +0.6
ARUT	Antelope Range	90.13	51	eP	pP	19 04 55.6 +0.3
ARUT				ePP	pP	19 05 26.9 -0.5
ARUT				pmx	pmx	
ARUT	Antelope Range	90.13	51	eP	P	19 04 55.6 +0.3
ARUT	comp-Z,414nm,1.8s,mb6.3					
ARUT	Antelope Range	90.13	51	eP	pP	19 05 26.9 -0.5
ARUT	comp-Z,414nm,1.8s,mb6.3					
W15A	Williams	90.29	54	↑P	P	19 04 57.0 +0.9
S14A	Cedar City	90.33	51	↑P	P	19 04 56.8 +0.6
Z16A	Peralta Trail,	90.46	56	↑P	P	19 04 57.6 +0.7
KOLN	Koldanda	90.48	298	eP	P	19 04 55.9 -1.2
DANN	Dangsing	90.49	299	eP	P	19 04 54.9 -2.3
217A	Green Valley	90.53	58	↑P	P	19 04 58.0 +0.8
V15A	Kalbab Nations	90.55	53	↑P	P	19 04 57.8 +0.6
R14A	James Farms, M	90.59	51	↑P	P	19 04 58.2 +0.8
Q14A	Sevier Lake (B	90.60	50	↑P	P	19 04 58.1 +0.7
T15A	Red Dirt Ranch	90.72	52	↑P	P	19 04 58.5 +0.5
117A	Oracle	90.81	57	↑P	P	19 04 59.3 +0.8
NEW	Newport	90.83	40	↑P	P	19 04 58.1 -0.1
NEW	Newport	90.83	40	eP	P	19 04 57.6 -0.6
NEW				pmx	pmx	
NEW	Newport	90.83	40	eP	P	19 04 57.6 -0.7
W16A	Flagstaff	90.85	54	↑P	P	19 04 59.4 +0.7
S15A	Panguit	90.92	52	↑P	P	19 05 00.1 +1.2
WUAZ	Wupatki	91.09	54	↑P	P	19 05 00.6 +0.9
WUAZ	Wupatki	91.09	54	eP	P	19 05 00.5 +0.7
WUAZ	comp-Z,268nm,1.4s,mb6.2					
WUAZ				eP	pP	19 05 32.4 +0.5
318A	Bisbee	91.12	58	↑P	P	19 05 00.8 +0.7
H12A	Diamond D Ranc	91.13	44	↑P	P	19 04 60.0 +0.2
R15A	Junction	91.13	51	↑P	P	19 05 00.7 +0.8
HLID	Halley	91.13	45	↑P	P	19 05 00.4 +0.6
HLID	Halley	91.13	45	eP	P	19 04 60.0 +0.2
HLID	comp-Z,30nm,0.6s,mb5.6					19 05 31.9 0.0

Z17A	San Carlos Hig	91.21	56	↑P	P	19 05 01.1 +0.6
218A	Dragon	91.22	58	↑P	P	19 05 00.9 +0.5
X17A	Fort Lakes	91.22	55	↑P	P	19 05 01.4 +1.0
J13A	Cove Ranch, Pi	91.25	46	↑P	P	19 05 01.1 +0.8
Q15A	Fillmore	91.28	50	↑P	P	19 05 01.4 +0.8
DUG	Dugway	91.29	49	↑P	P	19 05 00.7 +0.1
DUG	Dugway	91.29	49	eP	pP	19 05 00.5 -0.1
DUG	comp-Z,180nm,1.4s,mb6.0					
DUG	Dugway	91.29	49	eP	P	19 05 00.5 -0.1
MSU	Marysvale	91.29	51	eP	pP	19 05 01.3 +0.7
MSU				ePP	pP	19 05 33.4 +0.6
MSU				pmx	pmx	
MSU	comp-Z,260nm,1.0s,mb6.3					
MSU	Marysvale	91.29	51	eP	pP	19 05 01.2 +0.6
MSU	comp-Z,260nm,1.0s,mb6.3					
BGU	Big Grassy Mou	91.34	48	eP	P	19 05 01.1 +0.3
BGU				ePP	pP	19 05 32.9 0.0
T16A	Glen Canyon Da	91.38	52	↑P	pP	19 05 01.1 0.0
I13A	Wildhorse Cree	91.44	45	↑P	P	19 05 01.3 0.0
U16A	Taba City	91.45	53	↑P	P	19 05 02.1 +0.7
118A	Homack Ranch,	91.45	57	↑P	P	19 05 02.0 +0.5
W17A	Winslow	91.49	54	↑P	P	19 05 02.5 +0.8
L14A	Malta	91.51	47	↑P	P	19 05 01.8 +0.3
P15A	Leamington	91.51	50	↑P	P	19 05 01.8 +0.2
Z18A	Geonimo	91.51	56	↑P	P	19 05 02.7 +0.9
S16A	Weppner Ranch,	91.52	52	↑P	P	19 05 01.9 +0.2
H13A	Challis	91.54	45	↑P	P	19 05 01.9 +0.2
O15A	The Old Anders	91.57	49	↑P	P	19 05 02.1 +0.2
J14A	Carey	91.69	46	↑P	P	19 05 03.1 +0.8
WMQ	Urumqi	91.69	315	P	P	19 05 02.0 -0.3
WMQ				pP	pP	19 05 38.0 +3.5
WMQ				sP	sP	19 05 53.0 +5.4
WMQ				pp	pp	19 08 04.5 +2.2
WMQ				SKS	SS	19 15 20.7
WMQ				SS	SS	19 15 48.0 -4.3
WMQ				SS	SS	19 22 02.0 -0.7
WMQ	comp-Z,11um,1.2s,mb7.1					
WMQ	comp-Z,5um,9.0s					
WMQ	comp-N,25um,25.0s					
WMQ	comp-E,28um,25.0s					
319A	Douglas	91.69	58	↑P	P	19 05 03.1 +0.4
Y18A	Canyon Day Jun	91.69	56	↑P	P	19 05 03.3 +0.6
C12B	Naegeli Ranch,	91.69	41	↑P	P	19 05 02.3 0.0
K14A	Jon Ranch, D	91.70	47	↑P	P	19 05 02.7 +0.3
N15A	Stansbury Isla	91.70	48	↑P	P	19 05 02.6 +0.1
R16A	Teasdale	91.75	51	↑P	P	19 05 03.7 +0.9
HVU	Hansel Valley	91.77	48	eP	pP	19 05 03.2 +0.4
HVU				ePP	pP	19 05 35.0 +0.1
HVU	comp-Z,70nm,0.9s,mb5.9					
HVU	Hansel Valley	91.77	48	eP	pP	19 05 03.2 +0.5
HVU	comp-Z,70nm,0.9s,mb5.9					
HVU				ePP	pP	19 05 35.0 +0.1
HVU				eP	pP	19 05 03.2 +0.4
NLU	North Lily Mt	91.77	49	eP	pP	19 05 03.2 +0.4
INK	Inuvik	91.84	19	P	P	19 05 01.1 -1.4
INK	comp-Z,45nm,1.3s,mb5.5,baz=242,slow=7.0,SNR=43					
INK	comp-Z,16nm,1.0s,baz=304,slow=4.2,SNR=3.9					
INK	comp-Z,10.0nm,1.2s,baz=57,slow=31,SNR=1.3					
INK	comp-Z,33nm,0.9s,baz=48,slow=4.3,SNR=6.6					
INK	comp-Z,42nm,1.3s,baz=67,slow=1.2,SNR=8.7					
INK	comp-Z,29um,21.6s,baz=229,slow=32					
INK	comp-Z,531nm,2.0s,mb6.4					
B12A	Libby	91.86	41	↑P	P	19 05 03.2 +0.1
219A	White Tail Can	91.87	58	↑P	P	19 05 03.8 +0.3
SPUT	South Promonto	91.88	48	eP	P	19 05 03.9 +0.6
I14A	Mackay	91.91	45	↑P	P	19 05 03.8 +0.5
M15A	Laram Ranch,	91.92	48	↑P	P	19 05 03.4 0.0
NOQ	North Oquirrh	91.93	49	eP	P	19 05 03.5 0.0
X18A	Snowflake	91.95	55	↑P	P	19 05 04.2 +0.4
A12A	Yaak River Ran	91.97	40	↑P	P	19 05 03.8 +0.3
P16A	Fountain Green	91.98	50	↑P	P	19 05 04.8 +0.9
TRD	Trivandrum	91.98	278	eP	pP	19 05 04.0 -0.4
TRD				ex	x	19 08 51.0
119A	Ashpeak Ranch,	92.03	57	↑P	P	19 05 04.6 +0.5
S17A	Black Ridge (B	92.10	52	↑P	P	19 05 04.3 -0.2
L15A	Malad City	92.11	47	↑P	P	19 05 04.5 +0.1
MPU	Maple Canyon	92.11	49	eP	P	19 05 04.9 +0.5
MPU				ePP	pP	19 05 36.1 -0.4
E13A	Victor	92.15	43	↑P	pP	19 05 03.7 -0.7
Q16A	Castle Valley	92.16	51	↑P	P	19 05 05.3 +0.6
D13A	Huson	92.16	42	↑P	P	19 05 03.4 -1.1
H14A	Leadore	92.16	45	↑P	P	19 05 04.7 +0.2
BSMT	Bassoo Peak	92.18	41	eP	P	19 05 04.1 -0.4
BSMT	comp-Z,101nm,0.6s,mb6.2					
Z19A	T-Link Ranch,	92.19	56	↑P	pP	19 05 35.6 -1.0
K15A	Arbon	92.20	47	↑P	P	19 05 04.9 +0.1
CTU	Camp Tracy	92.21	49	eP	P	19 05 05.2 +0.3
CTU	comp-Z,132nm,1.2s,mb6.0					
CTU	Trail Mountain	92.23	50	eP	pP	19 05 36.8 -0.2
TMUT	Trail Mountain	92.23	50	eP	pP	19 05 05.0 0.0
TMUT						





8d 18h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BINGHAMTON, EI ROSAL, ROSC, etc.

2008 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MOS, LOF, SCO, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FINES, ATD, EZM, etc.

NOA	comp=Z,11nm,0.9s,baz=32,slow=7.4,SNR=2.7				
NOA	comp=Z,40nm,0.9s,baz=32,slow=2.9,SNR=12				19 14 14.0
NOA	comp=Z,3.9nm,0.8s,baz=210,slow=1.9,SNR=8.5				19 21 06.7
NOA	comp=Z,2.1nm,1.1s,baz=170,slow=3.5,SNR=7.2				19 23 41.9
NOA	NORSAR Array B 129.39 345	PKHKP	PKPpre		19 10 45.1
NOA					19 11 01.5
NOA					19 13 12.9
NOA	comp=Z,4.0nm,0.7s	pmax	pmax		
NOA	comp=Z,198nm,0.9s	pmax	pmax		
NOA	comp=Z,11nm,0.9s	pmax	pmax		
NOA	NORSAR Array B 129.39 345	Pdf	Pdf		19 07 50.9 +0.2
NOA		PKP	PKPpdf		19 11 01.5 -1.0
NOA		PKP	PKP		19 13 12.8 +0.1
NOA		SKPbc	PKP		19 14 14.0
NOA		PKP	PKP		19 21 06.7
NOA		SKPbc	PKP		19 23 41.9
HFS	Hagfors 129.49 343	PKP	PKPpdf		19 11 01.7 -1.0
HFS	comp=Z,156nm,0.8s,baz=116,slow=3.4,SNR=7.2				
HFS	comp=Z,32nm,1.1s,baz=26,slow=5.7,SNR=2.5				19 13 11.9 -1.6
HFS	comp=Z,53nm,0.8s,baz=49,slow=6.6,SNR=8.2				19 14 15.2
HFS	Hagfors 129.49 343	PKHKP	PKPpdf		19 11 01.7 -1.0
HFS					19 13 11.9
HFS	comp=Z,156nm,0.8s	pmax	pmax		
HFS	comp=Z,32nm,1.1s	pmax	pmax		
GAZ	Gaziantep 129.50 307	eP	PKPpdf		19 11 03.3 -0.3
SARI	Sardiz-Kayseri 129.56 309	eP	PKPpdf		19 11 02.9 -0.6
AKASG	Malin Array Be 129.58 326	PKP	PKP		19 11 02.1 -1.0
AKASG	Malin Array Be 129.58 326	PKHKP	PKPpdf		19 11 02.1 -1.1
AKASG	comp=Z,209nm,1.0s	pmax	pmax		
KIEV	Kiev 129.59 326	ePKIKP	PKPpdf		19 11 03.1 -0.1
NAOIN	NORSAR Array S 129.64 345	ePKPpdf	PKPpdf		19 11 02.7 -0.3
TRIS	Tristan da Cunha 129.68 181	ePKPpdf	PKPpdf		19 11 03.3 -0.5
KMRIS	Kahramanmaraş 129.71 308	eP	PKPpdf		19 11 03.4 -0.4
STVI	Saint Thomas 129.76 77	ePKPpdf	PKPpdf		19 11 04.2 -0.6
SPB	Sao Paulo 130.07 137	ePKPpdf	PKPpdf		19 11 04.9 -0.1
CDVI	St. Croix 130.11 78	ePKPpdf	PKPpdf		19 11 04.8 -0.3
EYBT	Boyabat 130.12 313	eP	PKPpdf		19 11 05.6 +1.1
FOO	Flores 130.25 349	eP	PKPpdf		19 11 03.2 -1.7
FOO		eP	PKP		19 13 18.6 +0.3
FOO	Flores 130.25 349	eP	PKP		19 07 54.6 +0.1
YOZ	Yozgat 130.31 311	eP	PKPpdf		19 11 05.6 +0.7
OSL	Oslo 130.46 345	eP	PKPpdf		19 13 25.3 -0.5
OSL		eP	PKP		19 13 19.6 -0.2
BZK	Bozkurt 130.49 314	eP	PKPpdf		19 11 04.6 -0.6
KOZT	Kozan 130.54 308	eP	PKPpdf		19 11 04.2 -1.2
SUW	Suwali 130.60 333	iPKPc	PKPpdf		19 11 05.0 -0.0
SUW		eP	PKP		19 13 25.3 +4.3
SUW		eP	SKPbc		19 14 31.1
SUW		eP	SKPbc		19 23 16.4 -3.0
SUW	comp=Z,18um,22.2s				
SUW	Suwali 130.60 333	iPKIKP	PKPpdf		19 11 05.0 0.0
SUW		eP	SKPbc		19 23 16.4 -3.0
SUW		eP	SKPbc		19 23 16.4 -3.0
SUW	comp=Z,18um,22.2s				
SUW	Suwali 130.60 333	ePKPpdf	PKPpdf		19 11 04.8 -0.2
CORU	Corum 130.64 312	eP	PKPpdf		19 11 05.5 -0.1
HTY	Hatay 130.65 306	eP	PKPpdf		19 11 06.7 +1.0
CEY	Ceyhan 130.72 307	eP	PKPpdf		19 11 06.0 +0.2
TOS	Tosya 130.79 313	eP	PKPpdf		19 11 06.6 +0.8
SUE	Sulen 130.81 349	eP	PKPpdf		19 11 05.1 0.0
SUE		Amb	AMB		19 11 07.5
SUE	comp=Z,522nm,1.6s	eP	PKP		19 13 22.4 +0.5
ASF	Jabal al Asfar 130.86 301	PP	PKP		19 13 23.8 0.0
ASF	comp=Z,19nm,1.0s,baz=21,slow=1.1,SNR=2.2				
ASF	comp=Z,29nm,1.1s,baz=6.3,slow=1.2,SNR=6.0				19 14 19.8 +0.7
FKH	Fakeh 130.87 304	eP	PKPpdf		19 11 07.8 +1.6
KONO	Kongsberg 131.00 345	ePKPpdf	PKPpdf		19 11 04.8 -0.8
KONO		eP	PKP		19 13 23.0 -0.2
KONO		eP	PKP		19 20 47.1 +3.6
KONO	Kongsberg 131.00 345	iP	PKP		19 11 05.7 +1.4
KONO		eP	PKP		19 11 05.7
KRTS	Karatas 131.13 307	eP	PKPpdf		19 11 06.2 -0.4
KARA	Karaisali 131.19 308	eP	PKPpdf		19 11 06.0 -0.7
HWQ	Hawqa 131.23 304	eP	PKPpdf		19 11 06.5 -0.3
CANT	Canikiri 131.23 313	eP	PKPpdf		19 11 06.3 -0.3
ASK	Askoy 131.25 348	eP	PKPpdf		19 11 05.4 -0.7
RUND	Rundenannen 131.28 348	eP	PKPpdf		19 11 06.0 -0.1
BER	Bergen 131.31 348	ePKPpdf	PKPpdf		19 11 05.9 -0.2
BER	Bergen 131.31 348	eP	PKPpdf		19 08 00.1 +0.9
ODD1	Odda 131.47 347	eP	PKPpdf		19 11 07.3 +0.9
ODD1	comp=Z,648nm,1.5s	Amb	AMB		19 11 09.0
ODD1		eP	PKP		19 13 27.5 +1.4
RCY	Rachaya 131.50 303	eP	PKPpdf		19 11 07.5 +0.2
BRTR	Keskin Array B 131.51 311	PKHKP	PKPpre		19 10 54.0
BRTR	comp=Z,10nm,1.1s,baz=103,slow=1.6,SNR=12				
BRTR	comp=Z,7.7nm,0.9s,baz=151,slow=2.8,SNR=29				19 11 06.6 -0.6
BRTR	comp=Z,49nm,1.1s,baz=106,slow=4.3,SNR=5.7				19 13 28.1 +0.5
BRTR	comp=Z,41nm,0.7s,baz=106,slow=2.7,SNR=10				19 14 23.1 +1.9
BRTR	comp=Z,20nm,1.2s,baz=134,slow=4.3,SNR=4.0				
BRTR	Keskin Array B 131.51 311	PKHKP	PKPpre		19 10 54.1
BRTR					19 11 06.6
BRTR					19 13 28.1
BRTR	comp=Z,10.0nm,1.1s	pmax	pmax		
BRTR	comp=Z,7.7nm,0.9s	pmax	pmax		
BRTR	comp=Z,49nm,1.1s	pmax	pmax		
BRTR	Keskin Array B 131.51 311	PKP	PKPpdf		19 11 06.6 -0.6
BRTR		SKPbc	PKPbc		19 13 28.1 +0.5
BRTR		SKPbc	PKPbc		19 14 23.1 +1.9
BRTR		SKPbc	PKPbc		19 23 59.4
BHL	Bhannes 131.54 303	eP	PKPpdf		19 11 07.6 +0.2
KSHT	Keshet 131.61 302	Pn	PKPpre		19 10 54.5
HRI	Mount Hermon 131.62 303	PKHKP	PKPpre		19 10 55.0
SAFT	Safranbolu 131.67 314	eP	PKPpdf		19 11 07.2 -0.3
KSDI	Kefar Szold 131.69 303	Pn	PKPpre		19 10 55.2
KIS	Kishinev 131.71 322	eP	PKPpdf		19 08 00.0 -1.0
KIS	Kishinev 131.71 322	iPKP	PKPpdf		19 11 06.0 -1.3
KIS		M			19 11 08.0
KIS	comp=Z,4um,6.0s				
KIS	Kishinev 131.71 322	iPKP	PKPpdf		19 11 04.1 +0.1
KIS	comp=Z,6um,16.0s				19 13 28.0 -0.5
KIS	Kishinev 131.71 322	eP	SKPbc		19 23 22.0 -7.6
KIS		LRM			20 06 20.0
KIS	comp=Z,13um,24.0s				
KIS	Kishinev 131.71 322	iPKIKP	PKPpdf		19 11 07.5 +0.2
KIS	Kishinev 131.71 322	iPKIKP	PKPpdf		19 11 07.5 +0.2
MMAI	Mount Meron Ar 131.94 302	SKPbc	SKPbc		19 14 25.4 +2.4
MMAI	comp=Z,94nm,0.9s,baz=68,slow=5.6,SNR=7.4				
MMAI		PKP	PKP		19 21 04.7
BLSS	Blasjo 131.95 347	eP	PKPpdf		19 11 08.9 +1.5
BLSS	comp=Z,515nm,1.6s	Amb	AMB		19 11 10.1
AFSR	Af ar-Bala (A) 132.02 311	eP	PKPpdf		19 11 07.2 -1.0
MMLI	Mount Malkishu 132.04 302	Pn	PKPpre		19 10 54.2
SULT	Sultanhanis-AKS 132.09 310	eP	PKPpdf		19 11 07.6 -0.8
LDD	Lodmru 132.09 312	eP	PKPpdf		19 11 07.2 -1.1
DSI	Dead Sea 132.24 300	Pn	PKPpre		19 10 55.7
MZDA	Masada 132.31 300	Pn	PKPpre		19 10 56.5
EREN	Erenak 132.34 306	eP	PKPpdf		19 11 08.7 -0.2
IAS	IASI 132.35 323	PKIKP	PKPpdf		19 11 09.2 +0.7
IAS	IASI 132.35 323	iPKP	PKPpdf		19 11 09.4 -0.1
KIYZE	Karadeniz Ereo 132.51 314	eP	PKPpdf		19 11 07.6 -1.5
IKLJ	Iskili 132.53 307	eP	PKPpdf		19 11 07.9 -1.4
PHNC	Paralimni 132.59 305	eP	PKPpdf		19 11 09.8 +0.4
WALI	Walls 132.59 352	P	PKPpdf		19 11 03.6 -5.0
WALI	Walls 132.59 352	eP	PKPpdf		19 11 03.6 -5.0

ZFRI	Zfri 132.59 299	Pn	PKPpre		19 10 55.5
LRW	Lerwick 132.65 352	P	PKPpre		19 10 58.9
LRW					19 13 16.3
LRW		AMS	AMS		20 02 10.5
LRW	comp=Z,10um,27.1s				
LRW	Lerwick 132.65 352	eP	PKPpre		19 10 58.9
LRW		e	AMS		19 13 16.3
LRW		e	AMS		20 02 10.5
SNART	Snartemo 132.75 346	eP	PKPpdf		19 11 09.8 +0.9
SNART	comp=Z,402nm,1.5s	Amb	AMB		19 11 11.4
WAR	Warsaw 132.75 332	iPKPc	PKPpdf		19 11 09.9 +0.8
WAR		eP	PKP		19 13 35.6 +0.8
WAR		eP	PKS		19 14 38.8
WAR		eP	LMZ		20 00 23.2
WAR	comp=Z,26um,35.2s				
WAR	Warsaw 132.75 332	iPKIKP	PKPpdf		19 11 09.9 +0.8
WAR		e	MLR		19 13 35.6
PRNI	Paran 132.78 299	PKHKP	PKPpre		19 10 56.3
HRRF	Mount Harif 132.80 288	Pn	PKPpre		19 10 56.7
LVV	L'vov 132.83 328	iPKIKP	PKPpdf		19 11 09.2 -0.2
LVV		eP	PS		19 13 34.4
LVV		eP	PS		19 23 59.4 +4.4
LFK	Lefkose 132.91 306	eP	PKPpdf		19 11 09.4 -0.6
EIL	Eilat 132.94 298	PKHKP	PKPpre		19 10 59.3
EIL	comp=Z,19nm,1.1s,baz=66,slow=4.2,SNR=8.0				
EIL	comp=Z,337nm,1.1s,baz=0.1,slow=0.2,SNR=5.9				19 11 10.4 +0.3
EIL	comp=Z,41nm,1.0s,baz=123,slow=2.7,SNR=5.7				19 13 37.5 +0.3
EIL		SKPbc	SKPbc		19 14 28.3 +1.8
EIL	comp=Z,96nm,1.2s,baz=346,slow=4.6,SNR=3.4				19 10 57.1
EIL	Eilat 132.94 298	eP	PKPpre		19 11 10.4 +0.3
EIL		PKP	PKP		19 13 37.5 +0.3
EIL		PKP	PKP		19 14 28.3 +1.8
EIL		SKPbc	SKPbc		19 11 09.9 -0.6
ANWB	Wilky Bob 132.94 78	ePKPpdf	PKPpdf		19 11 10.0 -0.6
TRB	Troubadour-3 132.98 81	eP	PKPpdf		19 11 08.7 -1.3
MDU	Mudurnu 132.99 313	eP	PKPpdf		19 11 10.1 -0.5
PHG	Guadaloupe-2 132.99 81	eP	PKPpdf		19 11 10.7 +0.8
CFR	Carcaiu 133.02 320	iPKIKP	PKPpdf		19 11 10.4 +0.5
CFR	Carcaiu 133.02 320	iP	PKPpdf		19 11 09.1 -1.1
CFR	Kizil Tatay 133.03 310	eP	PKPpre		19 11 10.1 -0.1
KIZT	Kizil Tatay 133.06 299	Pn	PKPpre		19 11 09.6 -0.7
KIZT	Kizil Tatay 133.08 311	eP	PKPpdf		19 11 09.9 +0.1
SVRH	Sivrihisar-ESK 133.14 312	eP	PKPpdf		19 13 37.4
BSD	Bornholm Skovb 133.15 338	iPKIKP	PKPpdf		
BSD					pmax
BSD	comp=Z,220nm,0.9s				pmax
BSD	Bornholm Skovb 133.15 338	iP	PKPpdf		19 11 09.9 +0.1
BSD	comp=Z,224nm,0.9s				
BSD					19 13 37.4
CSS	Prodromos 133.15 305	P	PKPpdf		19 11 10.0 -0.4
CSS	comp=Z,14nm,2.0s				
CSS	Prodromos 133.15 305	eP	PKPpdf		19 11 08.0 -2.4
CSS	Prodromos 133.15 305	Pn	PKPpre		19 10 57.1
CSS					19 11 10.0
CSS	Prodromos 133.15 305	P	PKPpre		19 11 10.0 -0.2
TIRR	Tirgusor 133.19 319	ePKPpdf	PKPpdf		19 11 10.1 -0.4
TIRR	Tirgusor 133.19 319	iP	PKPpdf		19 11 10.1 -0.4
MAMC	Mammari 133.19 306	P	PKPpdf		19 11 10.2 -0.4
HDMB	Hadim 133.24 308	eP	PKPpdf		19 11 10.0 -0.2
TESR	Marie-Galante 133.24 323	iP	PKPpdf		19 11 13.4 +0.1
MGR	Marie-Galante 133.30 322	iP	PKPpdf		19 11 10.8 +0.4
PETR	Fort de France 133.37 82	ePKIKP	PKPpdf		19 11 11.4 0.0
LEF	Lefka 133.46 306	eP	PKPpdf		19 11 10.6 +0.0
BRU08	Bucovina Ar. S 133.46 325	ePKPpdf	PKPpdf		19 11 11.6 +1.0
BRU08					

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, BER, etc.). Includes stations like PSZ, ERIK, DPC, UPC, HLG, VYHNE, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like EDI, DAT, BODT, EAU, ERLJ, MODS, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like GAL1, GAL2, GAL3, KESW, ROTZ, etc.



BOUS		eSKPbc	PP	19 14 19.9	-1.2	BST	Lormes	143.51 341	PKP/P	LR	19 11 26.2	-2.8	MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 43.6	-0.7	
TIR	Tirane	140.16 320	ePKHKP	PKP/P	19 11 14.6	LOR			LR				MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 53.0		
TIR	Tirane	140.16 320	P	PKP/P	19 11 13.0	LR	comp=2,15µm,21.8s						MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 59.9	-2.9	
ULIC	Ulcinj	140.19 322	PKP/P	PKP/P	19 11 13.7	RRR	Garron	143.80 346	ePKP1	PKP/P	19 11 26.9	-2.6	MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 36.3	+1.3	
BUM	Braji-Budva	140.20 322	PKP/P	PKP/P	19 11 12.7	SSR	Saint Saule	143.81 341	PKP/P	PKP/P	19 11 26.9	-2.6	MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 44.7	+0.3	
UJC	Ulcinj	140.23 343	PKP/P	PKP/P	19 11 10.4	SSR	Saint Saule	143.81 341	PKP/P	PKP/P	19 11 26.9	-2.6	MTE	Manteigas	152.79 351	ePKP/P	PKP/P	19 11 48.3	+0.8	
KARN	Karanos	140.27 310	P	PKP/P	19 11 12.5	HYF	Humbigny	143.89 342	ePKP1	PKP/P	19 11 27.9	-1.8	PAB	Sao Paulo	152.97 345	ePKP/P	PKP/P	19 11 44.8	+0.2	
BCLA	Clavier	140.28 342	PKP/P	PKP/P	19 11 15.7	LPL	La Plagne	143.98 336	PKP/P	PKP/P	19 11 28.2	-1.7	ETOB	Tobara	152.99 340	PKP/P	PKP/P	19 11 45.3	+0.6	
BCLA					19 14 23.3	+1.7	LPG	La Plagne	143.99 336	PKP/P	PKP/P	19 11 28.2	-1.7	EMHD	Djebel Mahoud	153.25 330	PKP/P	PKP/P	19 11 45.5	+0.4
BCLA					19 14 52.2		SMF	Signal de Mont	144.06 340	PKP/P	PKP/P	19 11 27.2	-2.8	PSET	Sete Cidades	153.28 230	ePKP/P	PKP/P	19 11 45.5	+0.4
STU	Stuttgart	140.35 337	ePKP/P	PKP/P	19 11 05.6	LVG	La Plagne	143.99 336	PKP/P	PKP/P	19 11 28.2	-1.7	EVIN	Vianos	153.30 341	PKP/P	PKP/P	19 11 45.8	+0.5	
HCY	Herceg Novi	140.35 323	PKP/P	PKP/P	19 11 14.7	SMF	Signal de Mont	144.06 340	PKP/P	PKP/P	19 11 27.2	-2.8	PCBR	Castelo Branco	153.33 350	PKP/P	PKP/P	19 11 45.3	+0.2	
VOY	Vojsko	140.43 330	ePKP/P	PKP/P	19 11 15.9	SMF	Signal de Mont	144.06 340	PKP/P	PKP/P	19 11 27.2	-2.8	PCBR	Castelo Branco	153.33 350	PKP/P	PKP/P	19 11 53.9		
VOY					19 11 23.1	-3.0	AVF	Avril sur Loir	144.10 341	PKP/P	PKP/P	19 11 27.8	-2.2	PCBR	Castelo Branco	153.33 350	PKP/P	PKP/P	19 12 06.2	+1.1
JAVS	Javornik	140.45 330	eSKPbc	PKP/P	19 14 24.0	+1.2	SMF	Signal de Mont	144.06 340	PKP/P	PKP/P	19 11 27.8	-2.2	PCBR	Castelo Branco	153.33 350	PKP/P	PKP/P	19 15 39.3	+1.2
JAVS					19 14 23.3	+1.9	ROSF	Rostrenen	144.36 349	PKP/P	PKP/P	19 11 28.7	-1.7	PDA	Ponta Delgada	153.37 230	ePKP/P	PKP/P	19 11 46.3	+1.0
JAVS					19 14 22.2		ROSF	Rostrenen	144.36 349	PKP/P	PKP/P	19 11 28.7	-1.7	BAET	Pico Bartolome	153.53 230	ePKP/P	PKP/P	19 11 46.3	+1.0
JAVS					19 11 14.8		CEL	Celeste	144.44 319	ePKP/P	PKP/P	19 11 28.7	-1.7	EAUR	La Murta	153.60 339	PKP/P	PKP/P	19 11 48.7	-0.9
JAVS					19 11 23.3	-2.8	BGF	Bois d'Agland	144.46 349	PKP/P	PKP/P	19 11 28.7	-1.7	PTOM	Tomar	153.69 352	ePKP/P	PKP/P	19 11 45.9	+0.2
JAVS					19 11 59.1	+1.9	BGF	Bois d'Agland	144.46 349	PKP/P	PKP/P	19 11 28.7	-1.7	PTOM	Tomar	153.69 352	ePKP/P	PKP/P	19 11 54.7	
JAVS					19 11 22.2	-0.7	GDM	Grand Maison	144.48 336	PKP/P	PKP/P	19 11 29.9	-0.9	PMRV	Marv'??o	153.72 350	ePKP/P	PKP/P	19 11 45.2	-0.5
JAVS					19 11 23.3	-2.8	GDM	Grand Maison	144.48 336	PKP/P	PKP/P	19 11 29.9	-0.9	PMRV	Marv'??o	153.72 350	ePKP/P	PKP/P	19 12 02.2	+1.5
JAVS					19 11 59.1	+1.9	GDM	Grand Maison	144.48 336	PKP/P	PKP/P	19 11 29.9	-0.9	PMRV	Marv'??o	153.72 350	ePKP/P	PKP/P	19 15 40.2	+1.7
JAVS					19 11 16.9		GRN	Grenoble	144.59 337	PKP/P	PKP/P	19 11 30.5	-0.5	PMRV	Marv'??o	153.72 350	ePKP/P	PKP/P	19 15 42.0	+1.7
JAVS					19 23 20.3		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	CART	Cartagena	153.75 338	ePKP/P	PKP/P	19 11 45.1	-0.7
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	EBNR	Beni Rached	153.83 333	P	PKP/P	19 11 46.2	+0.2
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P	PKP/P	19 11 46.5	+0.3
JAVS					19 11 18.0		MBF	Montbardon	144.62 335	PKP/P	PKP/P	19 11 29.6	-1.4	ECHA	Ech Chief	154.02 333	P			

8d 19h

Table with columns: LIC, comp, station name, frequency, mode, and time. Includes stations like Lamto, Dimbokro, DBIC, etc.

KRSC 08 19:20:43.0, 0.2, 51.30N, 157.47E, h126km, 65km, ML4.8
IS/CJB 08 19:20:44.1, 0.4, 51.51N, 0.06, 156.96E, 0.10
h139km, 3km, mb3.7/17, Error ellipse: s-maj=12.7km
s-min=4.6km az=41.4

MOS 08 19:20:44.3, 1.1, 51.70N, 156.81E, h139km, mb4.0/11,
Error ellipse: s-maj=18.4km s-min=8.7km az=63.2
IDC 08 19:20:46.0, 0.8, 51.68N, 156.77E, h142km, 7km, mb3.5/16,
mb1 3.8/17, mb1mx3.7/28, mb1mp3.6/17, Error ellipse:
s-maj=18.0km s-min=9.8km az=140.0

NEIC 08 19:20:46.2, 0.3, 51.72N, 156.76E, mb4.6/4, Error ellipse:
s-maj=11.6km s-min=6.5km az=138.0
ISC 08 19:20:45.3, 0.4, 51.52N, 0.05, 156.96E, 0.10, h134km, 3km,
h142km, 1.4km, comp=P, P, m53, r19/09, mb3.7/17, 1C-1D,

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

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

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

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

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

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

2008 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK, MKAR, MKAR, etc.

IDC 08 19:49:15.4, 1.0, 12.42N, 141.46E, h0km, mb3.6/7,
mb1 3.8/8, mb1mx3.6/23, mb1mp3.6/8, ML4.0/1, Error
ellipse: s-maj=24.7km s-min=21.7km az=106.0
ISC/JB 08 19:49:18.5, 0.7, 12.38N, 141.49E, 0.07, h33km,
mb3.8/9, Error ellipse: s-maj=16.5km s-min=9.0km
az=163.8
NEIC 08 19:49:18.6, 0.7, 12.37N, 141.50E, h20km, mb4.7/1, Error
ellipse: s-maj=16.5km s-min=14.9km az=143.0
ISC 08 19:49:20.8, 0.7, 12.38N, 141.51E, 0.07, h35km, n11,
r094/13, mb3.8/9, South of Mariana Islands

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

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

DJA 08 19:50:25, 18.49S, 175.81W, h50km, Mw6.3/8
SZGRF 08 19:50:35, 7, 19.53S, 179.47W, h33km, FJI Islands region
IS/CJB 08 19:51:43.5, 0.7, 17.68S, 0.05, 179.57E, 0.03, h60km, 6km,
mb5.1/126, Error ellipse: s-maj=7.4km s-min=4.3km
az=156.1
MOS 08 19:51:43.8, 1.2, 17.54S, 179.65E, h602km, mb5.3/24,
Error ellipse: s-maj=11.5km s-min=9.2km az=45.1
IDC 08 19:51:44.1, 0.9, 17.65S, 179.62E, h597km, 10km,
mb4.5/23, mb1 4.6/24, mb1mx4.6/27, mb1mp4.5/24, Error
ellipse: s-maj=10.9km s-min=7.6km az=147.0
NEIC 08 19:51:44.7, 0.5, 17.58S, 179.61E, h606km, 5km, mb5.2/86,
Error ellipse: s-maj=7.3km s-min=4.1km az=145.0
BUJ 08 19:51:45.9, 16.98S, 179.67E, h605km, mB5.4/10,
mb4.7/27
ISC 08 19:51:44.9, 0.5, 17.66S, 0.04, 179.58E, 0.03, h602km, 6km,
h70km, 1.9km, comp=P, m850, r073/587, mB5.1/126,

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

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Main table with columns: URZ, URZ, HNR, HNR, HNR, etc. Includes stations like URZ, HNR, MRZ, etc.

MAT	Matsushiro	66.58	325	P	P	20 01 35.6	-1.0
KKM	Kota Kinabalu	66.83	285	eP	P	20 01 38.7	+0.1
comp=Z,49nm,0.6s,mb5.1							
SBUM	Sibu	69.28	280	P	P	20 01 54.7	+1.2
ASAJ	Asahikawa	70.16	333	P	P	20 01 58.4	+0.4
comp=Z,21nm,0.7s,mb5.7,baz=224,slow=7.5,SNR=19							
SSLB	Suanglung	70.51	304	eP	P	20 01 59.2	-1.2
comp=Z,28nm,0.4s,mb5.2							
KSM	Kuching	70.76	278	P	P	20 02 03.0	+0.8
KSM	Kuching	70.76	278	eP	P	20 02 02.6	+0.4
comp=Z,25nm,1.0s,mb5.4							
NIKO	Nikolski	71.05	7	eP	P	20 02 00.6	-2.3
comp=Z,216nm,1.1s,mb5.6							
UNV	Unalaska Valle	72.22	9	eP	P	20 02 07.0	-2.7
comp=Z,132nm,1.0s,mb5.6							
YSS	Yuzh-Sakhalins	72.36	334	eP	P	20 02 11.0	+0.3
YSS						20 02 20.0	
comp=Z,60nm,1.0s,mb5.1 pmax pmax							
YSS	Yuzh-Sakhalins	72.36	334	eP	P	20 02 11.0	+0.3
comp=Z,63nm,0.9s,mb5.2							
QSPA	South Pole Qui	72.39	180	eP	P	20 02 10.4	0.0
comp=Z,43nm,1.0s,mb4.9							
MIR	Milmyy	72.59	205	flP	P	20 02 12.2	+0.4
MIR							
comp=Z,125nm,1.6s,mb5.2 pmax pmax							
AKUT	Akutan	72.60	9	eP	P	20 02 09.4	-2.5
comp=Z,63nm,0.8s,mb5.3							
PETK	Petroflovsk	72.97	346	P	P	20 02 13.3	-0.8
comp=Z,31nm,0.9s,mb4.8,baz=123,slow=7.8,SNR=24							
PETK	Petroflovsk	72.97	346	P	P	20 02 13.3	-0.8
KSRS	Korea Array	73.26	319	P	P	20 02 16.1	0.0
comp=Z,136,slow=7.0,SNR=8.7							
SDPT	Sand Point	74.67	12	eP	P	20 02 22.3	-1.3
comp=Z,88nm,0.8s,mb5.3							
MDJ	Mudanjiang	76.90	326	P	P	20 02 36.1	0.0
MDJ						20 04 41.6	+0.5
MDJ						20 05 43.9	+1.4
MDJ						20 11 35.2	-0.8
MDJ						20 11 57.2	-0.7
MDJ						20 15 15.2	-3.4
MDJ						20 16 50.4	-0.5
comp=Z,22nm,1.4s,mb4.4 pmax pmax							
MDJ							
comp=Z,2um,14.1s							
MDJ	Mudanjiang	76.90	326	eP	P	20 02 36.7	+0.6
comp=Z,29m,1.1s,mb5.1							
MYKOM	Kota Tinggi	76.97	276	P	P	20 02 38.5	+1.2
BSC	Santa Cruz Isl	77.36	48	flP	P	20 02 39.1	+0.2
baz=78							
SAO	San Andreas Ge	77.58	45	eP	P	20 02 39.4	-0.7
SAO							
comp=Z,83nm,1.1s,mb5.1 pmax pmax							
SAO	San Andreas Ge	77.58	45	eP	P	20 02 39.4	-0.6
comp=Z,83nm,1.1s,mb5.1							
SCI	San Clemente I	77.61	49	flP	P	20 02 40.5	+0.2
PKM	Peak Mountain	77.70	47	flP	P	20 02 41.2	+0.4
baz=78							
KIPM	Iron Peak	77.97	41	eP	P	20 02 41.9	-0.1
comp=Z,160nm,1.2s,mb5.3							
OSI	Osito Adit	78.32	48	eP	P	20 02 44.6	+0.5
comp=Z,112nm,0.5s,mb5.5							
ARVC	Arvin	78.51	47	flP	P	20 02 45.7	+0.6
baz=79							
MWC	Mount Wilson	78.60	48	eP	P	20 02 44.5	-1.0
MWC							
comp=Z,124nm,1.1s,mb5.2 pmax pmax							
MWC	Mount Wilson	78.60	48	eP	P	20 02 44.5	-1.1
comp=Z,124nm,1.1s,mb5.2							
KDAK	Kodiak Island	78.64	15	P	P	20 02 44.2	-0.9
comp=Z,25nm,0.8s,mb4.9,baz=234,slow=3.0,SNR=15							
KDAK	Kodiak Island	78.64	15	eP	P	20 02 43.9	-1.2
comp=Z,162nm,1.3s,mb5.2							
KDAK	Kodiak Island	78.64	15	P	P	20 02 45.0	-0.1
comp=Z,557nm,1.0s,mb5.8,SNR=11							
CN2	Changchung	78.67	323	eP	P	20 02 45.5	-0.2
CN2						20 02 52.2	+0.2
CN2						20 05 53.0	+0.5
CN2						20 11 55.0	+0.5
comp=Z,23nm,1.0s,mb4.6 pmax pmax							
YES	Vestal, Richgr	78.70	47	flP	P	20 02 46.4	+0.3
baz=79							
BAR	Garrett	78.83	50	eP	P	20 02 45.5	-1.4
comp=Z,19nm,1.1s,mb4.3							
BFSO	Mount Baldy Ra	78.89	49	P	P	20 02 46.5	-0.5
baz=79,SNR=15							
MURC	Murrieta	78.92	49	flP	P	20 02 47.8	+0.6
baz=79,SNR=7.5							
WHN	Wuhan	78.92	307	P	P	20 02 46.5	-0.8
KLR	Kul'dur	78.94	330	eP	P	20 02 42.7	-4.3
EDWZ	Edwards Air Fo	78.98	48	flP	P	20 02 47.2	-0.3
baz=79,SNR=11							
CMB	Columbia Colle	78.98	44	eP	P	20 02 46.5	-1.0
CMB							
comp=Z,73nm,0.9s,mb5.0 pmax pmax							
CMB	Columbia Colle	78.98	44	eP	P	20 02 46.5	-1.0
comp=Z,73nm,0.9s,mb5.0							
ISA	Isabella	79.04	47	P	P	20 02 47.4	-0.4
baz=79,SNR=75							
MONP	Monument Peak	79.12	50	flP	P	20 02 48.4	0.0
baz=79,SNR=31							
DVTC	Desert V Tower	79.24	51	flP	P	20 02 49.1	+0.2
baz=79,SNR=16							
PFO	Pinyon Flat Ob	79.45	50	flP	P	20 02 49.9	-0.2
baz=80,SNR=10							
PFO	Pinyon Flat Ob	79.45	50	flP	P	20 02 49.0	-1.0
comp=Z,137nm,1.1s,mb5.2,SNR=6.2							
FRIM	Kepong	79.53	277	P	P	20 02 52.0	+1.1
YBH	Yreka Blue Hour	79.56	40	P	P	20 02 50.4	0.0
comp=Z,62nm,1.0s,mb4.9,baz=180,slow=3.0,SNR=51							
YBH	Yreka Blue Hour	79.56	40	eP	P	20 02 49.9	-0.5
YBH							
comp=Z,94nm,1.1s pmax pmax							
YBH	Yreka Blue Hour	79.56	40	eP	P	20 02 49.9	-0.5
comp=Z,94nm,1.1s,mb5.2							
SWSC	Sam W. Stewart	79.61	51	flP	P	20 02 50.5	-0.4
baz=80,SNR=12							
CWC	Cottonwood Cre	79.71	47	flP	P	20 02 51.2	-0.1
baz=80,SNR=14							
WAKR	Walker	79.87	44	eP	P	20 02 51.7	-0.4
comp=Z,130nm,1.1s,mb5.2							
LBCM	Butte Creek Ri	79.90	41	P	P	20 02 51.7	-0.5
HUMO	Hull Mountain	79.91	39	eP	P	20 02 52.2	0.0
comp=Z,82nm,1.1s,mb5.1							
TIN	Tienamah	79.92	46	flP	P	20 02 52.7	+0.2
baz=80,SNR=10							
MPMC	Manual Prospec	79.93	47	flP	P	20 02 52.4	-0.1
baz=80,SNR=35							
BELC	Belle Mtn. Jose	79.97	50	flP	P	20 02 52.8	+0.1
baz=80,SNR=29							
GSC	Goldstone	80.03	48	flP	P	20 02 52.6	-0.4
baz=80,SNR=25							
HCC	Washo City	80.08	43	flP	P	20 02 53.3	+0.1
baz=80,SNR=17							
WEN	Hector,Ludlow	80.14	49	flP	P	20 02 53.6	0.0
baz=80,SNR=13							
BC3	Big Chuckawall	80.20	50	flP	P	20 02 54.2	+0.2
baz=80,SNR=10							
GLA	Glamis	80.37	51	flP	P	20 02 55.3	+0.5
baz=80,SNR=18							
GRAC	Grapevine Rang	80.49	46	P	P	20 02 55.2	-0.1
baz=81,SNR=31							
FURC	Furnace Creek	80.57	47	flP	P	20 02 55.7	-0.1
baz=81,SNR=19							
NVAR	Mina Array Bea	80.58	45	P	P	20 02 55.5	-0.4
comp=Z,54nm,0.9s,mb5.4,baz=227,slow=6.5,SNR=121							
GMRC	Granite Mounta	80.59	49	flP	P	20 02 55.8	-0.2
baz=81,SNR=40							
IRM	Iron Mountain	80.66	50	flP	P	20 02 56.6	+0.2
baz=81,SNR=35							
SHOC	Shoshone	80.70	48	flP	P	20 02 56.8	+0.3
baz=81,SNR=7.8							
TUQ	Turquoise Moun	80.72	48	flP	P	20 02 57.2	+0.6
baz=81,SNR=5.8							
U10A	Ash Meadows,A	80.92	47	P	P	20 02 57.7	+0.1
baz=81,SNR=17							
Y12C	Blythe	80.93	50	flP	P	20 02 58.8	+1.1
baz=81,SNR=6.1							
RSO	Redoubt South	81.00	13	eP	P	20 02 55.4	-2.0
113A	Mohawk Valley	81.03	52	P	P	20 02 58.1	-0.1
baz=81,SNR=20							
LDFC	Landfair	81.13	49	eP	P	20 02 58.7	0.0
comp=Z,263nm,1.0s,mb5.6							
MOD	Modoc	81.14	41	eP	P	20 02 57.9	-0.7

K05A	Summer Lake	81.23	40	flP	P	20 02 59.3	+0.3
comp=Z,134nm,1.1s,mb5.3							
V11A	Goodspings	81.27	48	flP	P	20 02 59.8	+0.4
baz=81,SNR=49							
Z13A	Yuma Proving G	81.31	51	flP	P	20 02 59.6	-0.1
baz=81,SNR=34							
NEE2	Needles Airpor	81.34	49	flP	P	20 03 00.7	+0.9
baz=81,SNR=49							
Z14A	Organ Pipe Nat	81.38	53	flP	P	20 03 00.6	+0.6
baz=82,SNR=24							
W12A	Cal Nev Ari	81.41	49	flP	P	20 03 01.2	+1.1
baz=82,SNR=6.6							
PDMC	Parker Dam Lak	81.47	50	flP	P	20 03 00.7	+0.2
baz=82,SNR=16							
Y13A	Salome	81.47	51	P	P	20 03 00.4	-0.1
baz=82,SNR=38							
S10A	Tonopah Range,	81.48	46	flP	P	20 03 00.3	-0.1
Mont-SNR=166							
F03A	Seaside	81.50	36	flP	P	20 03 00.8	+0.5
baz=82,SNR=8.6							
H04A	Detroit Lake	81.56	38	P	P	20 02 59.8	-0.9
baz=82,SNR=24							
U11A	Corral Creek	81.59	48	flP	P	20 03 02.3	+1.3
baz=82,SNR=5.5							
SLKM	Skilak Lake	81.62	15	eP	P	20 02 58.7	-1.9
Y12A	Nelson	81.63	48	flP	P	20 03 01.9	+0.6
baz=82,SNR=19							
114A	Black Gap (USA	81.68	52	flP	P	20 03 02.6	-1.0
baz=82,SNR=16							
G04A	Mulino	81.69	37	flP	P	20 03 02.5	+1.1
baz=82,SNR=7.9							
SHRP	Sheep Range	81.78	48	eP	P	20 03 01.6	-0.4
comp=Z,60nm,1.1s,mb5.0							
X13A	Yucca	81.83	50	flP	P	20 03 02.2	-0.1
baz=83							
E03A	Lebam	81.86	36	flP	P	20 03 02.2	0.0
baz=82,SNR=26							
R10A	Warm Springs	81.87	46	P	P	20 03 02.5	+0.2
baz=82,SNR=28							
Z14A	Wintersburg	81.91	51	flP	P	20 03 02.9	+0.2
baz=82,SNR=16							
S11A	Rachel	81.93	46	flP	P	20 03 03.5	+0.8
baz=82,SNR=17							
Q10A	Clear Creek Ra	82.07	45	flP	P	20 03 02.9	-0.5
baz=82,SNR=34							
T11A	Corn Creek, AI	82.10	47	flP	P	20 03 03.7	+0.1
baz=82,SNR=117							
Y14A	Wickenburg	82.13	51	P	P	20 03 03.7	-0.1
baz=82,SNR=27							
F04A	Amboy	82.14	37	P	P	20 03 03.1	-0.5
baz=82,SNR=17							
115A	Sonoran Desert	82.15	52	flP	P	20 03 04.3	+0.4
baz=82,SNR=14							
U12A	Valley of Fire	82.19	48	flP	P	20 03 04.2	+0.1
baz=82,SNR=27							
NLWA	Neilton Lookou	82.19	35	eP	P	20 03 02.8	-1.1
comp=Z,109nm,1.2s,mb5.3							
HOOD	Mount Hood Ilea	82.23	38	eP	P	20 03 03.9	-0.1
comp=Z,104nm,1.1s,mb5.3							
RC01	Rabbit Creek A	82.25	14	eP	P	20 03 02.2	-1.5
comp=Z,190nm,1.2s,mb5.5							
BJL	Beijing	82.28	316	P	P	20 03 03.1	-1.3
BJL						20 05 11.5	-0.1
BJL						20 06 14.7	+2.3
comp=Z,10.0nm,0.8s,mb4.4 pmax pmax							
V13A	Grano Canyon W	82.31	49	flP	P	20 03 04.8	+0.1
baz=82,SNR=34							
BMN	Battle Mountai	82.33	43	eP	P	20 03 04.0	-0.7
BMN							
comp=Z,124nm,1.1s,mb5.3 pmax pmax							
BMN	Battle Mountai	82.33	43	eP	P	20 03 04.0	-0.7
comp=Z,124nm,1.1s,mb5.3							
VIPM	Ingram Point	82.39	39	P	P	20 03 04.3	-0.5
R11A	Troy Canyon, C	82.39	46	flP	P	20 03 04.5	-0.1
baz=82,SNR=71							
P10A	Cureka	82.42	44	flP	P	20 03 05.0	-0.1
baz=82,SNR=34							
P16A	Three Points,	82.43	53	flP			



Table with columns for station name, frequency, power, and other technical details. Includes stations like SONMG Sogino Array, C21A Desert Owl, LASSO LASA Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSP Ksiaz, DOPR Dopca, OKC Ostrova-Krasne, etc.

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

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 08 19:53:37.2:2.2, 7.04S:130.75E, h0km, mb3.8/1, mb1 3.7/4, mb1mx3.5/16, mbmtmp3.6/4, ML3.6/3, Error ellipse: s-maj=82.6km s-min=28.3km az=79.0, Tanimbar islands region















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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Kurchatov, Flin Flon, Borovoye, etc.

BUJ 08 23:26:49.5, 36:15N; 103E, h106km, mB4.9/1, mb4.5/1
NIC 08 23:26:55.9, 6.6, 36:95N; 71.26E, h0km, mb4.4, mpv4.3
Error ellipse: s-maj=56.4km s-min=47.5km az=151.0
ISCJB 08 23:26:56.3, 0.5, 36:61N; 0.03:71.60E; 0.06, h118km, 7km, mb3.9, Error ellipse: s-maj=7.6km s-min=4.2km az=174.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YSS, TORD, ASAR, etc.

NEIC 08 23:18:26.8, 32:17S; 70:30W, h114km, MD4.0(GUC), After GUC.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JACH, ROCH, PEID, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CEP, KBL, CHCP, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like EZN, BOZC, AYVA, etc.

ISCJB 08 23:20:28.0, 6.0, 50:56S; 0:08, 112:5E; 0.2, h10km, mb4.3/8, MS4.4/2, Error ellipse: s-maj=17.8km s-min=11.2km az=13.3

ICC 08 23:20:30.9, 1.3, 50:25S; 112:34E, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.9/13, mbtmp4.0/4, MS4.3/1, Ms1.4/3/1, ms1mx3.5/11, Error ellipse: s-maj=60.8km s-min=24.7km az=102.0

NEIC 08 23:20:30.3, 0.6, 50:57S; 112:45E, h10km, mb4.5/4, Error ellipse: s-maj=16.2km s-min=9.7km az=103.0

ISC 08 23:20:30.6, 0.6, 50:58S; 0:08, 112:5E; 0.2, h10km, n18, c0599/15, mb4.3/8, MS4.4/2, Southeast Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CASY, BBOO, MQQ, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TKM2, TKM2, TKM2, etc.

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

ICC 08 23:22:14.4, 1.5, 20:34S; 169:40E, h0km, mb3.9/5, mb1.4/0.5, mb1mx3.9/16, mbtmp3.9/5, Error ellipse: s-maj=39.0km s-min=36.1km az=31.0

ISCJB 08 23:22:17.5, 1.0, 20:65S; 0:2, 169:4E; 0.1, h33km, mb3.9/5, Error ellipse: s-maj=29.0km s-min=10.8km az=153.0

ISC 08 23:22:19.4, 1.0, 20:75S; 0:2, 169:5E; 0.1, h35km, n10, c1539/9, mb3.9/5, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BAYA, NOUC, STKA, etc.

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

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











ISHM	Shahmirzad	60.93 314	eP	P	03 17 39.4 +0.1
ILAS	Lasjerd	60.96 314	eP	P	03 17 39.5 0.0
ISFB	Sefidab	60.99 313	eP	P	03 17 39.7 0.0
IKLH	Kolahrood	61.00 312	eP	P	03 17 40.2
IFIR	Firoozkoo	61.23 314	eP	P	03 17 40.6 -0.7
IPIR	Pirpir	61.23 311	eP	P	03 17 42.7 +1.3
YUK	Yuzh-Kuril'sk	61.31 34	P	S	03 17 39.5 -2.2
YUK					03 25 55 -7.0
YUK	comp=N,690nm,18.0s,MS5.0			MLR	MLR
YUK	comp=E,610nm,18.0s,MS5.0			MLR	MLR
YUK	comp=Z,480nm,18.0s,MS4.7			MLR	MLR
YSS	Yuzh-Sakhalins	61.59 30	eP	P	03 17 42.5 -1.1
YSS					03 17 50.8 -3.5
YSS	comp=Z,30nm,0.9s,mb5.4			MLR	MLR
YSS	comp=Z,500nm,14.0s,MS4.8			MLR	MLR
YSS	Yuzh-Sakhalins	61.59 30	eP	P	03 17 42.5 -1.0
ATD	Arta Tunnel	61.59 285	P	P	03 17 47.2 +2.4
ATD	Arta Tunnel	61.69 285	P	P	03 17 47.2 +2.4
KBD	Kabd	62.30 306	eP	P	03 17 49.6 +0.9
KBD					03 17 53.7
RDF	AI-Radifaz	62.33 305	eP	P	03 17 49.7 +0.9
RDF					03 17 53.9
IR2	Iran Long-Peri	62.39 314	eP	P	03 17 48.6 -0.6
CASY	Casey	62.49 177	eP	P	03 17 50.8 +1.5
CASY	Casey	62.49 177	eP	P	03 17 50.8 +1.5
VOSK	Vostochnaya	62.53 339	P	P	03 17 46.9 -2.8
VOSK					
NAY	AI-Naaien	62.70 306	eP	P	03 17 51.7 +0.4
NAY					03 17 57.0
MIB	Mutribah	62.83 306	eP	P	03 17 53.2 +1.0
MIB					03 17 58.1
MIR	Mirnyy	62.92 184	iP	P	03 17 54.0 +1.9
MIR					
BVAR	Borovoye Array	62.98 339	P	P	03 17 51.1 -1.7
BVAR	Borovoye Array	62.98 339	P	P	03 17 51.1 -1.6
BRVK	Borovoye	63.05 339	dIP	P	03 17 51.5 -1.7
BRVK					
BRVK	comp=Z,22nm,1.0s,mb5.2			MLR	MLR
BRVK	comp=Z,872nm,16.0s,MS5.0			MLR	MLR
BRVK	Borovoye	63.05 339	eP	P	03 17 51.6 -1.5
BRVK	comp=Z,20nm,0.9s,mb5.2			MLR	MLR
BRVK	Borovoye	63.05 339	eP	P	03 17 51.4 -1.8
BRVK	comp=Z,127nm,0.8s,mb5.1			MLR	MLR
BRVK	Borovoye	63.05 339	P	P	03 17 51.9 -1.2
IRAZ	Razeghan	63.16 313	eP	P	03 17 53.8 -0.5
ZRNK	Zerenda	63.44 338	P	P	03 17 53.5 -2.2
ZRNK					
DZM	Mont Dzumac	64.03 113	eP	P	03 18 01.5 +1.2
DZM					03 37 10.0
IKOM	Komasi	64.42 311	eP	P	03 18 01.7 -0.9
AB31	Akbulak array	64.71 330	iP	P	03 18 02.3 -1.9
AB31					
ABKAR	Akbulak array	64.71 330	eP	P	03 18 02.7 -1.5
KMBO	Kiliima Mbogo	65.66 271	P	P	03 18 14.2 +3.1
KMBO	comp=Z,15nm,0.9s,mb5.0			MLR	MLR
KMBO	Kiliima Mbogo	65.66 271	eP	P	03 18 14.0 +2.9
KMBO					
KMBO	comp=Z,28nm,1.1s			MLR	MLR
KMBO	Kiliima Mbogo	65.66 271	eP	P	03 18 14.0 +2.9
KMBO	comp=Z,28nm,1.1s,mb5.2			MLR	MLR
KMBO	Kiliima Mbogo	65.66 271	P	P	03 18 14.6 +3.6
ISRB	Sarab	65.86 315	eP	P	03 18 12.0 +0.1
IHR5	Heris	66.52 315	eP	P	03 18 15.7 -0.4
ISHB	Shabestar	67.52 314	eP	P	03 18 22.8 +0.3
IMRD	Mirand	67.64 315	eP	P	03 18 23.6 +0.4
YAK	Yakutsk	68.87 13	eP	P	03 18 29.0 -1.4
YAK					
YAK	comp=Z,25nm,0.8s,mb5.2			MLR	MLR
YAK	comp=E,5.0nm,1.1s			MLR	MLR
YAK	comp=N,10.0nm,1.3s			MLR	MLR
YAK	comp=Z,2um,13.0s,MS5.4			MLR	MLR
YAK	comp=N,1um,17.0s,MS5.3			MLR	MLR
GNI	Garni	68.92 316	P	P	03 18 32.1 +0.9
GNI	comp=E,26nm,0.8s,mb5.2			MLR	MLR
GNI	Garni	68.92 316	eP	P	03 18 32.1 +0.9
GNI	comp=E,115nm,19.8s,MS4.1			MLR	MLR
GNI	Garni	68.92 316	eP	P	03 18 31.2 0.0
GNI					
GNI	comp=Z,36nm,1.0s			MLR	MLR
GNI	Garni	68.92 316	eP	P	03 18 31.8 +0.7
GNI	comp=Z,31nm,0.9s,mb5.2			MLR	MLR
GNI	Garni	68.92 316	P	P	03 18 32.5 +1.3
DGRG	David-gareji	69.03 317	P	P	03 18 31.0 -0.8
MAW	Mawson	69.20 195	P	P	03 18 35.3 +2.8
MAW	comp=Z,33nm,0.9s,mb5.2			MLR	MLR
MAW	Mawson	69.20 195	eP	P	03 18 34.9 +2.5
MAW	comp=Z,1um,21.2s,MS5.0			MLR	MLR
MAW	Mawson	69.20 195	eP	P	03 18 34.5 +2.0
MAW	comp=Z,24nm,0.9s,mb5.1			MLR	MLR
MAW	Mawson	69.20 195	eP	P	03 18 34.5 +2.0
MAW	comp=Z,12nm,1.1s			MLR	MLR
MAW	Mawson	69.20 195	eP	P	03 18 34.5 +2.0
MTA	Mtatsminda	69.53 317	P	P	03 18 34.6 -0.4
SVE	Sverdlovsk	69.55 337	eP	P	03 18 33.9 -0.9
SVE					03 27 36.3 -3.8
SVE					
TBLG	Delisi	69.58 317	P	P	03 18 35.5 +0.2
TBLG	Delisi	69.58 317	P	P	03 18 35.5 +0.2
GOR	Gori	70.12 317	P	P	03 18 38.7 +0.2
ARU	Arti	70.12 336	iP	P	03 18 36.7 -1.5
ARU					03 18 53.7
ARU					03 21 13.6
ARU					03 22 48.2
ARU					03 27 45.1 -1.7
ARU	comp=Z,26nm,1.0s,mb5.1			MLR	MLR
ARU	comp=Z,865nm,22.0s,MS5.0			MLR	MLR
ARU	Arti	70.12 336	eP	P	03 18 37.0 -1.2
ARU	comp=Z,34nm,1.1s,mb5.2			MLR	MLR
ZEI	Tsey	70.59 318	eP	P	03 18 41.1 -0.3
ZEI					03 27 56.1 +3.3
ZEI					
RPZ	Rata Peaks	71.58 135	P	P	03 18 46.1 -1.3
KIV	Kislovodsk	71.89 319	eP	P	03 18 48.9 -0.3
KIV					03 21 32.7
KIV					03 28 03.1 -4.7
KIV	comp=Z,45nm,1.0s,mb5.3			MLR	MLR
KIV	comp=Z,200nm,23.0s,MS4.3			MLR	MLR
KIV	Kislovodsk	71.89 319	eP	P	03 18 48.6 -0.6
KIV	comp=Z,45nm,1.0s,mb5.3			MLR	MLR
KIV	Kislovodsk	71.89 319	P	P	03 18 49.4 +0.4
KIV	comp=Z,254nm,1.1s,mb6.1			MLR	MLR
KIV	Kislovodsk	71.89 319	P	P	03 18 49.9 +0.6

ASF	Jabal al Asfar	72.06 305	P	P	03 18 52.4 +1.8
ASF	comp=Z,53nm,1.1s,mb5.4			MLR	MLR
ASF	Jabal al Asfar	72.06 305	P	P	03 18 52.4 +1.8
ASF					
MBAR	Mbarara	72.19 271	iP	P	03 18 53.8 +2.1
MBAR	comp=Z,78nm,0.8s,mb5.5			MLR	MLR
MALTY	Malaty	72.77 312	eP	P	03 18 55.2 +0.5
MALTY					
MALTY	comp=Z,40nm,1.0s,mb5.3			MLR	MLR
MALTY	Malaty	72.77 312	eP	P	03 18 55.0 +0.5
MALTY	comp=Z,40nm,1.0s,mb5.3			MLR	MLR
MALTY	Malaty	72.77 312	iP	P	03 18 53.3 -1.4
MALTY	comp=Z,40nm,1.0s,mb5.3			MLR	MLR
MALTY	Malaty	72.77 312	iP	P	03 18 55.3 +0.6
SOKR	Solikamsk	72.92 337	iP	P	03 18 53.8 -1.2
SOKR					
SOKR	comp=Z,20nm,0.9s,mb5.0			MLR	MLR
SOKR	comp=Z,830nm,22.0s,MS5.0			MLR	MLR
PETK	Petrovavlovsk	72.96 31	P	P	03 18 53.4 -2.0
PETK	comp=Z,5.9nm,0.7s,mb4.6			MLR	MLR
PETK	Petrovavlovsk	72.96 31	P	P	03 18 53.4 -2.0
PETK	comp=Z,6.0nm,0.7s,mb4.6			MLR	MLR
EIL	Elat	73.00 302	P	P	03 18 57.1 +0.9
EIL	comp=Z,57nm,1.1s,mb5.4			MLR	MLR
PET	Petrovavlovsk	73.41 31	eP	P	03 18 56.6 -1.5
PET	comp=Z,27nm,0.8s,mb5.2			MLR	MLR
MMAI	Mount Meron Ar	73.51 306	P	P	03 19 00.5 +1.4
MMAI	comp=Z,13nm,0.6s,mb5.1			MLR	MLR
MMAI	Sochi	73.72 317	iP	P	03 19 08.5 -1.6
MMAI					03 19 12.0
MMAI					03 21 41.3
MMAI					03 23 30.3
MMAI					03 28 24.7 -4.0
LSZ	Lusaka	74.27 255	eP	P	03 19 05.8 +1.9
LSZ					
LSZ	comp=Z,37nm,0.8s,mb5.4			MLR	MLR
LSZ	Lusaka	74.27 255	eP	P	03 19 05.8 +1.9
LSZ	comp=Z,34nm,1.2s,mb5.2			MLR	MLR
URZ	Urewera	75.18 128	P	P	03 19 06.5 -2.3
URZ	comp=Z,21nm,1.0s,mb5.0			MLR	MLR
VRHR	Novokhopersk	75.54 325	eP	P	03 19 09.8 -0.7
VRHR					
VRHR	comp=N,10.0nm,0.5s			MLR	MLR
VRHR	comp=E,10.0nm,0.5s			MLR	MLR
VRHR	comp=Z,20nm,0.5s,mb5.3			MLR	MLR
ANN	Anapa	75.69 318	eP	P	03 19 08.3 -3.2
ANN					03 28 48.4 -2.2
ANN					
CSS	Prodhromos	75.69 307	eP	P	03 19 12.2 +0.4
CSS	comp=Z,128nm,1.1s,mb5.8			MLR	MLR
CSS	Prodhromos	75.69 307	P	P	03 19 12.6 +0.8
CSS	comp=Z,128nm,1.1s,mb5.8			MLR	MLR
BRT	Seymchan	76.31 211	eP	P	03 19 17.5 -0.2
BRT	comp=Z,75nm,1.0s,mb5.6			MLR	MLR
BRT	Keeskin Array B	76.75 312	eP	P	03 19 17.5 -0.2
BRT	comp=Z,75nm,1.0s,mb5.6			MLR	MLR
BRT	Keeskin Array B	76.75 312	eP	P	03 19 17.5 -0.2
BRT	comp=Z,129nm,19.8s,MS4.2			MLR	MLR
LBTB	Lobatshe	76.88 245	eP	P	03 19 20.5 +1.7
LBTB					
LBTB	comp=Z,36nm,0.9s,mb5.3			MLR	MLR
LBTB	Lobatshe	76.88 245	eP	P	03 19 20.5 +1.8
LBTB	comp=Z,36nm,0.9s,mb5.3			MLR	MLR
VSR	Storozhevoye	77.00 325	eP	P	03 19 17.6 -1.2
VSR					03 29 02.0 -2.8
VSR	comp=N,7.0nm,0.8s			MLR	MLR
VSR	comp=E,10.0nm,0.8s			MLR	MLR
VSR	comp=Z,20nm,0.8s,mb5.1			MLR	MLR
VSR	comp=E,60nm,1.8s			MLR	MLR
VSR	comp=Z,3.0nm,0.4s			MLR	MLR
VSR	comp=N,20nm,0.9s			MLR	MLR
VSR	comp=N,90nm,22.0s,MS4.5			MLR	MLR
VSR	comp=E,220nm,22.0s,MS4.5			MLR	MLR
VSR	comp=Z,300nm,22.0s,MS4.6			MLR	MLR
SYO	Syowa Base	77.04 199	iP	P	03 19 19.8 +1.1
SYO	Syowa Base	77.04 199	eP	P	03 19 30.0 +0.5
TIXI	Tiksi	77.28 8	eP	P	03 19 17.7 -2.3
TIXI					
TIXI	comp=Z,23nm,1.3s,mb5.0			MLR	MLR
TIXI	comp=Z,3um,18.0s,MS5.6			MLR	MLR
BOSA	Boshof	77.32 242	P	P	03 19 23.7 +2.6
BOSA	comp=Z,50nm,0.9s,mb5.5			MLR	MLR
BOSA	Boshof	77.32 242	eP	P	03 19 23.4 +2.2
BOSA	comp=Z,59nm,1.0s,mb5.5			MLR	MLR
SIM	Simferopol'	77.97 317	eP	P	03 19 24.7 +0.3
SIM					03 29 15.0 -0.5
PRGR	Pergorego	78.58 336	eP	P	03 19 21.5 -5.9
PRGR					03 19 29.6 -8.8
PRGR					03 29 18.4 -3.0
PRGR					03 29 35.6 -3.9
MOS	Moscow	79.63 329	eP	P	03 19 30.1 -3.1
MOS					03 19 48.3
MOS					03 29 29.7 -3.1
MOS					03 29 51.1
OBN	Obninsk	79.95 328	eP	P	03 19 34.4 -0.6
OBN					03 22 35.4
OBN					03 29 34.0 -2.2
OBN				</	





Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like Cornudas Mount, Guadalupe Moun, Wicketa Moun, etc.

ISCJB 09 03:30:42.8±0.0, 80°18'N, 07°39'E, h0km, mb4.0/8, Error ellipse: s-maj=10.9km s-min=4.4km az=14.5

NNC 09 03:30:44.7±1.5, 50°66'N, 73°30'E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=22.6km s-min=9.2km az=24.0

IDC 09 03:30:51.1±1.2, 51°86'N, 74°24'E, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.3/27, mbtmp3.3/4, ML3.1/3, Error ellipse: s-maj=35.2km s-min=12.2km az=28.0

ISC 09 03:30:45.0±0.6, 50°84'N, 0°06'73.80E±0.05, h10km, n12, e±17/17, 6C-7Z, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like VOSK, KURBB, BVAR, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like MDSI, LWSL, KLSI, etc.

BUI 09 04:22:39.0, 80°80'N, 3°00'W, h5km, mb4.8/16, mb4.7/26, Ms4.6/16, Ms7.4/16

MOS 09 04:22:40.0±1.2, 80°76'N, 3°41'W, h10km, mb4.7/42, Error ellipse: s-maj=58.0km s-min=5.5km az=95.4

IDC 09 04:22:40.0±0.5, 80°84'N, 3°05'W, h0km, mb4.2/19, mb1 4.4/22, mb1mx3.3/29, mbtmp4.2/22, ML4.1/3, MS3.8/19, Ms1 3.8/19, ms1mx3.6/34, Error ellipse: s-maj=15.6km s-min=10.5km az=26.0

CSEM 09 04:22:40.0±0.1, 80°80'N, 3°28'W, h2km, mb4.7/54, Error ellipse: s-maj=6.7km s-min=3.1km az=32.0

ISCJB 09 04:22:40.0±0.1, 80°73'N, 0°03'34.0E±0.1, h10km, mb4.6/96, MS3.9/30, Error ellipse: s-maj=5.3km s-min=2.3km az=26.6

NEIC 09 04:22:42.1±0.2, 80°81'N, 2°97'W, h10km, mb4.7/49, Error ellipse: s-maj=8.0km s-min=3.2km az=211.0

BER 09 04:22:43.3±3.3, 80°73'N, 2°22'W, h10km, MD3.9, ML2.9(NAO)

NAO 09 04:22:45.8±8.3, 80°70'N, 1°58'W, h10km, 103km, ML2.9, Error ellipse: s-maj=22.4km s-min=3.2km az=120.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like KBS, KINGSBAY, SPITS, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Code, Station Name, Az, El, Azimuth, Elevation. Includes stations like RES, RESOLUTE BAY, RESOLUTE BAY, etc.



L16A	Fish Haven	51.63 295	↑P	P	04 31 48.6 +0.1
M20A	Sweetwater, Wa	51.66 292	↑P	P	04 31 49.2 +0.5
USIN	University of	51.88 272	eP	P	04 31 50.5 +0.1
USIN	University of	51.88 272	eP	P	04 31 50.5 +0.1
N23A	Red Feather La	51.91 290	↑P	P	04 31 51.0 +0.5
HWUT	Hardware Ranch	52.05 295	eP	P	04 31 51.7 +0.1
HWUT	Hardware Ranch	52.05 295	eP	P	04 31 51.7 +0.1
N22A	Wattenberg Ran	52.08 290	↑P	P	04 31 51.7 -0.1
N20A	Spence Gulch,	52.32 292	↑P	P	04 31 54.0 +0.4
M15A	Larsen Ranch,	52.32 296	↑P	P	04 31 53.7 +0.1
M16A	Huntsville	52.34 295	P	P	04 31 54.4 +0.6
N18A	Larsen Ranch,	52.39 293	↑P	P	04 31 54.0 -0.1
O23A	Lake Granby, G	52.57 290	↑P	pP	04 31 56.9 -1.8
N17A	Moffitt Pass	52.59 295	↑P	P	04 31 55.5 -0.2
CN2	Changchun	52.61 45	eP	P	04 31 57.6 +1.9
O22A	Kremmling	52.72 290	↑P	pP	04 31 57.7 -2.1
ISCO	Idaho Springs	52.93 289	↑P	P	04 31 58.5 +0.4
ISCO	Idaho Springs	52.93 289	eP	P	04 31 59.4 +1.2
ISCO	Idaho Springs	52.93 289	eP	pmax	pmax
ISCO	Idaho Springs	52.93 289	eP	P	04 31 59.4 +1.3
ISCO	Idaho Springs	52.93 289	eP	P	04 31 59.4 +1.2
O19A	Miners Draw (B	52.97 293	↑P	pP	04 31 59.7 -1.9
CBKS	Cedar Bluff	52.98 283	↑P	P	04 31 58.6 0.0
O20A	White River Ci	53.00 292	↑P	pP	04 31 59.9 -1.9
P22A	Eagle	53.20 290	↑P	pP	04 31 52.0 -2.1
O17A	Robinson Place	53.31 294	↑P	pP	04 32 01.8 -2.3
KBL	Kabul	53.33 101	eP	P	04 32 01.4 +0.3
KBL	Kabul	53.33 101	eP	P	04 32 01.4 +0.3
GTA	Gaotai	53.46 70	P	P	04 32 01.4 -0.7
GTA			pP	pP	04 32 06.1 +0.9
GTA			sP	sP	04 32 08.5 +2.0
GTA			sS	sS	04 39 33.8 -0.3
GTA			sS	sS	04 39 41.9 +2.6
GTA			SS	SS	04 43 14.2 +0.7
GTA			pmax	pmax	
GTA			pmax	pmax	
GTA			LR	LR	
GTA			LR	LR	
GTA			LR	LR	
GTA			LR	LR	
TKL	Tuckaleehee C	53.51 267	eP	P	04 32 02.6 +0.1
TKL	Tuckaleehee C	53.51 267	eP	P	04 32 02.6 +0.1
P19A	Cripple Cowboy	53.60 292	↑P	pP	04 32 04.0 -2.3
P20A	De Beque	53.64 292	↑P	P	04 32 03.9 +0.5
Q24A	Divide	53.68 289	↑P	pP	04 32 04.3 -2.5
SMCO	Snowmass	53.74 290	eP	P	04 32 05.2 +1.1
SMCO	Snowmass	53.74 290	eP	P	04 32 05.2 +1.0
HHC	Hu-ho-hao-te	53.76 59	eP	P	04 32 06.1 +1.9
HHC			pP	pP	04 32 10.7 +3.3
HHC			sP	sP	04 32 13.2 +4.6
HHC			sP	sP	04 33 11.2 +1.2
HHC			pP	pP	04 34 08.4 +3.6
HHC			ScP	ScP	04 37 08.1 +0.7
HHC			S	S	04 39 38.8 +0.7
HHC			sS	sS	04 39 46.8 +3.5
HHC			sS	sS	04 41 52.0 -1.0
HHC			SS	SS	04 43 18.8 +0.7
HHC			pmax	pmax	
HHC			pmax	pmax	
HHC			LR	LR	
HHC			LR	LR	
HHC			LR	LR	
Q22A	Crested Butte,	54.04 290	↑P	pP	04 32 07.9 -1.7
Q20A	Ridgley Place,	54.16 292	↑P	P	04 32 06.8 -0.4
Q21A	Lamborn Mesa,	54.17 291	↑P	pP	04 32 08.6 -1.8
P14A	Drum Mountains	54.24 296	↑P	P	04 32 08.3 +0.5
SWET	Sewanee	54.29 269	eP	P	04 32 06.3 -1.9
SWET	Sewanee	54.29 269	eP	P	04 32 06.3 -1.9
Q18A	Rafter H Ranch	54.29 293	↑P	P	04 32 07.5 -0.7
R25A	Fountain Ranch	54.34 288	↑P	P	04 32 08.3 -0.3
JSC	Jenkinsville	54.45 264	eP	P	04 32 09.4 +0.1
JSC	Jenkinsville	54.45 264	eP	P	04 32 09.4 +0.1
R12A	Cimarron	54.62 291	↑P	pP	04 32 12.1 -1.7
Q16A	Castle Valley	54.63 294	↑P	pP	04 32 11.6 -2.1
R22A	Saguache, Gunn	54.64 290	↑P	pP	04 32 12.2 -1.6
PV04	Paradox Valley	54.80 292	eP	P	04 32 12.6 +0.7
PV04	Paradox Valley	54.80 292	eP	P	04 32 12.6 +0.7
S25A	Roberts Cordova	54.84 288	↑P	P	04 32 12.5 +0.3
Q14A	Sevier Lake (B	54.87 296	↑P	pP	04 32 13.3 -2.2
SDCO	Great Sand Dun	54.92 289	P	P	04 32 13.2 +0.4
SDCO	Great Sand Dun	54.92 289	eP	P	04 32 13.1 +0.4
SDCO	Great Sand Dun	54.92 289	eP	P	04 32 13.1 +0.4
R20A	Redvale	54.93 292	↑P	P	04 32 13.3 +0.6
R19A	Curley Farm, L	54.96 292	↑P	P	04 32 12.9 -0.1
R18A	Canyonlands N	54.96 293	↑P	P	04 32 12.8 -0.2
PV01	Paradox Valley	55.01 292	eP	P	04 32 14.1 +0.7
PV01	Paradox Valley	55.01 292	eP	P	04 32 14.1 +0.7
R17A	Hanksville Air	55.05 294	↑P	P	04 32 14.0 +0.4
S22A	4UR Ranch, Cre	55.13 290	↑P	pP	04 32 15.5 -1.9
BJI	Beijing	55.17 54	P	S	04 32 14.1 -0.4
BJI			S	S	04 39 58.8 +1.6
BJI			pmax	pmax	
BJI			LR	LR	
MSU	Marysville	55.17 295	eP	P	04 32 15.1 +0.6
MSU	Marysville	55.17 295	eP	P	04 32 15.1 +0.6
MSU	Marysville	55.17 295	eP	P	04 32 15.1 +0.6
MSU	Marysville	55.17 295	eP	P	04 32 15.1 +0.6
S20A	Disappointment	55.27 291	↑P	pP	04 32 16.5 -2.0
Q11A	Duckwater	55.35 299	↑P	P	04 32 15.3 -0.5
S21A	Coal Bank Pass	55.35 291	↑P	P	04 32 15.9 +0.1

Q10A	Clear Creek Ra	55.47 299	↑P	P	04 32 17.2 +0.5
S19A	Harvey Farm, M	55.47 292	↑P	P	04 32 17.1 +0.4
T24A	Tons Weston	55.51 288	↑P	P	04 32 16.9 -0.1
S18A	Hurst Farm, BI	55.66 293	↑P	P	04 32 18.0 -0.1
R11A	Troy Canyon, C	55.83 298	↑P	P	04 32 18.8 -0.4
S16A	Weppner Ranch,	55.86 294	↑P	pP	04 32 20.6 -2.1
MVCO	Mesa Verde	55.90 291	↑P	P	04 32 20.4 +0.6
MVCO	Mesa Verde	55.90 291	eP	P	04 32 20.8 +1.0
MVCO	Mesa Verde	55.90 291	eP	P	04 32 20.8 +1.0
S15A	Panguitch	56.02 295	↑P	P	04 32 21.3 +0.6
U25A	Circle Dot Ran	56.07 287	↑P	P	04 32 20.8 -0.2
NVAR	Mina Array Bea	56.13 301	P	P	04 32 21.7 +0.3
NVAR	Mina Array Bea	56.13 301	P	P	04 32 21.7 +0.3
MIAR	Mount Ida	56.18 276	eP	P	04 32 21.9 +0.1
MIAR	Mount Ida	56.18 276	eP	P	04 32 21.9 +0.1
MIAR	Mount Ida	56.18 276	eP	P	04 32 21.9 +0.1
MIAR	Mount Ida	56.18 276	eP	P	04 32 21.9 +0.1
T18A	Mexican Hat	56.18 293	↑P	P	04 32 21.9 +0.1
S13A	Holt Ranch, En	56.33 297	↑P	pP	04 32 23.8 -2.3
S10A	Tomah Range,	56.39 289	↑P	P	04 32 22.6 -0.6
U23A	El Rito	56.42 289	↑P	P	04 32 23.8 +0.3
S12A	Delamar Landin	56.45 298	↑P	pP	04 32 24.7 -2.2
U22A	Llaves	56.47 290	↑P	P	04 32 23.3 -0.5
V26A	Tequesquite Ra	56.57 287	↑P	P	04 32 23.4 -1.2
V25A	Rancho No Tenge	56.56 287	↑P	P	04 32 25.5 +0.4
T15A	Red Dirt Ranch	56.67 295	↑P	P	04 32 25.7 +0.5
WMOK	Wichita Mounta	56.82 282	eP	P	04 32 26.3 -0.1
WMOK	Wichita Mounta	56.82 282	eP	P	04 32 26.3 -0.1
WMOK	Wichita Mounta	56.82 282	eP	P	04 32 26.3 -0.1
T11A	Corn Creek, AI	56.86 298	↑P	P	04 32 26.5 -0.1
U24A	Rampart Ranch,	56.87 288	↑P	P	04 32 27.3 -0.4
U18A	Rough Rock, Ch	56.88 293	↑P	P	04 32 27.2 +0.4
V22A	San Miguel Ran	56.93 290	↑P	P	04 32 27.2 +0.1
W27A	Bowe Ranch, En	57.17 286	↑P	P	04 32 28.9 0.0
U15A	North Rim	57.23 295	P	P	04 32 29.6 +0.3
V20A	Brimhall	57.28 291	↑P	P	04 32 29.3 -0.4
LZH	Lanzhou	57.32 67	eP	pP	04 32 29.8 -0.1
LZH			sP	sP	04 32 31.4 +1.4
LZH			sP	sP	04 32 38.1 +3.8
U16A	Taba City	57.34 294	↑P	pP	04 32 31.0 -2.2
W24A	Lazy 6 Ranch,	57.39 288	↑P	P	04 32 30.3 -0.2
V17A	Tonalea, Kykot	57.80 293	↑P	P	04 32 33.5 +0.2
ANMO	Albuquerque	57.81 289	eP	P	04 32 33.3 -0.1
ANMO	Albuquerque	57.81 289	eP	P	04 32 33.3 -0.1
ANMO	Albuquerque	57.81 289	eP	P	04 32 33.3 -0.1
V15A	Kaibab Nationa	57.81 295	↑P	P	04 32 33.8 +0.5
W21A	San Fidel	57.83 290	↑P	P	04 32 34.1 +0.6
W20A	Ramah	57.95 291	↑P	P	04 32 33.7 -0.7
WUAZ	Wupatki	57.99 294	↑P	P	04 32 34.4 -0.2
WUAZ	Wupatki	57.99 294	↑P	P	04 32 35.5 +0.8
WUAZ	Wupatki	57.99 294	eP	P	04 32 35.5 +0.9
V13A	Grand Canyon W	58.05 296	↑P	P	04 32 35.3 +0.3
V14A	Boquillas Ranc	58.13 295	↑P	pP	04 32 37.1 -1.7
V12A	Neelson	58.30 297	↑P	P	04 32 36.8 0.0
MPMC	Manual Prospec	58.34 300	↑P	P	04 32 35.9 -1.2
Y27A	Gauzy	58.35 286	↑P	P	04 32 37.3 +0.2
W16A	Flagstaff	58.43 294	↑P	P	04 32 37.7 0.0
X20A	Quemado	58.52 291	↑P	P	04 32 38.4 0.0
W14A	Seligman	58.54 295	↑P	pP	04 32 39.7 -2.0
Y24A	Capitan	58.66 288	↑P	P	04 32 39.6 +0.3
Z27A	Tatum	58.91 286	↑P	P	04 32 41.2 +0.1
Z26A	Caprock	59.07 286	↑P	P	04 32 41.5 -0.7
X16A	Lo Mia Camp, P	59.08 294	↑P	P	04 32 42.1 -0.1
X15A	Humboldt	59.13 294	↑P	P	04 32 42.7 +0.1
KRSR	Kors Array	59.16 44	P	P	04 32 40.6 -2.1
KRSR	Kors Array	59.16 44	P	LR	05 01 01.7
Z25A	Roswell	59.18 287	↑P	P	04 32 43.4 +0.5
Y19A	Nutrioso	59.21 291	↑P	P	04 32 43.6 +0.5
X13A	Yucca	59.26 296	↑P	P	04 32 44.3 +0.8
Y18A	Canyon Day Jun	59.50 292	↑P	P	04 32 45.7 +0.6
Y16A	Circle Bar Ran	59.62 294	↑P	P	04 32 45.2 -0.7
125A	Gardner Draw,	59.78 287	↑P	P	04 32 47.3 +0.3
124A	Stringfield Ra	59.86 288	↑P	P	04 32 48.3 +0.7
GD2L	Guadalupe Moun	60.18 286	eP	P	04 32 49.6 -0.2
GD2L	Guadalupe Moun	60.18 286	eP	P	04 32 49.7 -0.1
328A	Wristen Ranch,	60.74 285	↑P	P	04 32 53.2 -0.5
117A	Oracle	60.79 293	↑P	P	04 32 54.3 +0.3
220A	Playas Peak, P	61.11 290	↑P	P	04 32 56.1 0.0
MJAR	Matsushiro Arr	61.12 35	P	P	04 32 54.6 -1.6
MJAR	Matsushiro Arr	61.12 35	P	P	04 32 54.6 -1.6
MJAR	Matsushiro Arr	61.12 35	P	pmax	pmax
MJAR	Matsushiro Arr	61.12 35	P	P	04 32 54.6 -1.6
219A	White Tail Can	61.13 291	P	P	04 32 56.8 +0.5
JCT	Junction City	61.15 282	↑P	P	04 32 56.8 +0.3
JCT	Junction City	61.15 282	eP	P	04 32 56.6 +0.1
JCT			pmax	pmax	

JCT	Junction City	61.15 282	eP	P	04 32 56.6 +0.1
JCT	Junction City	61.15 282	eP	P	04 32 56.6 +0.1
428A	Kincad Ranch,	61.37 284	↑P	P	04 32 58.1 +0.2
217A	Green Valley	61.58 292	↑P	P	04 33 00.2 +0.9
425A	Indio Mountain	61.66 287	↑P	P	04 32 59.6 -0.4
DANN	Dansing	61.76 88	eP	P	04 33 00.6 0.0
528A	Cox Ranch, San	61.94 284	↑P	P	04 33 01.8 0.0
527A	Woodward Ranch	62.08 285	↑P	P	04 33 02.5 -0.2
GKN	Gorkha	62.24 87	eP	P	04 33 03.3 -0.5
KOLN	Koldana	62.30 88	eP	P	04 33 03.9 -0.3
CD2	Chengdu	62.39 68	eP	P	04 33 06.2 +1.4
CD2</					

9d 7h

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

IDC 09 05:21:28.21.2, 4.21S: 102.74E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.9/19, mbtmp3.9/9, Error ellipse: s-maj=60.1km s-min=15.7km az=53.0

ISCJB 09 05:21:32.7.0.7, 4.00S:0.07:102.84E:0.06, h4(km), mb3.9/9, Error ellipse: s-maj=14.0km s-min=6.6km az=41.6

DJA 09 05:21:34.4.12S:103.01E, h10(km), MLV4.3/10, ISC 09 05:21:33.2.0.8, 3.97S:0.06:102.90E:0.06, h25km, m23, r=133/30, mb3.9/9, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Manna, Kapahiang, Lahat, Maura Dua, Liwa, etc.

IDC 09 06:09:19.9.2.4, 30.28S:178.41W, h0km, mb4.3/5, mb1 4.4/5, mb1mx4.1/17, mbtmp4.3/5, M53.8/1, M51 3.8/1, ms1mx3.0/19, Error ellipse: s-maj=59.6km s-min=28.0km az=50.0, Kermadec Islands

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

NEIC 09 06:13:41.0.2.8, 23.18N:121.88E, h10km, Error ellipse: s-maj=29.9km s-min=13.1km az=124.0

TAP 09 06:13:44.6, 23.22N:121.66E, h32km, ML3.7/2, ISCJB 09 06:13:45.1.0.3, 23.23N:0.02:121.65E:0.02, h37km, 11km, Error ellipse: s-maj=3.3km s-min=2.3km az=35.9

JMA 09 06:13:46.2.0.3, 23.29N:121.71E, h86km, M2.8, ISC 09 06:13:45.4.0.4, 23.23N:0.02:121.63E:0.02, h32km, m2km, n56, r=67/107, 2C, Taiwan

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

2008 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alishan, Suanglung, Chiawan, etc.

0.7nm, 0.7s, baz=93, slow=2.6, SNR=6.7

ISCJB 09 06:53:02.8.0.5, 39.22N:0.02:29.40E:0.03, h3km, 5km, Error ellipse: s-maj=3.9km s-min=3.5km az=42.9

ISC 09 06:53:02.7.0.1, 39.19N:29.43E, h6km, MD2.9, Error ellipse: s-maj=2.6km s-min=2.4km az=138.0

ISC 09 06:53:03.2.0.4, 39.22N:0.02:29.41E:0.03, h5km, 5km, n44, r=68/58, Turkey

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

IDC 09 06:56:50.0.7.4, 51.57N:176.08W, h0km, mb3.5/3, mb1 4.1/4, mb1mx3.6/25, mbtmp3.5/4, ML3.8/1, Error ellipse: s-maj=146.6km s-min=61.5km az=101.0

NEIC 09 06:56:54.9.1.5, 50.15N:176.35W, h29km, ML3.7(AEIC), After AEIC

ISC 09 06:56:53.9.3.5, 51.58N:0.2:176.2W:0.01, h28km, 21km, n10, r104/13, mb3.9/3, Andreanof Islands

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

CSEM 09 07:24:51.6.0.6, 50.29N:18.97E, h1km, ML2.5/4, Error ellipse: s-maj=14.8km s-min=5.3km az=3.0

PRU 09 07:24:53.0.50.19N:18.98E, h0km

WAR 09 07:24:50.5, 50.37N:18.93E, Poland

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

mb3.7/10, Error ellipse: s-maj=8.7km s-min=5.5km az=8.8
IDC 09 07:34:11.1, 0.8, 39.96N:71.40E, h0km, mb3.8/10,
mb1.4/0.14, mb1mx3.8/27, mbtmp3.8/14, ML3.7/4, MS3.4/1,
Ms1.3/4.1, ms1mx2.6/30, Error ellipse: s-maj=15.5km
s-min=12.1km az=166.0

NEIC 09 07:34:13.2, 0.8, 40.01N:71.21E, h10km, Error ellipse:
s-maj=13.1km s-min=9.5km az=170.0
ISC 09 07:34:12.7, 0.7, 39.91N:0.06:71.14E, 0.05, h10km, n40,
e15/51, mb3.7/10, 6C-6D, Tajikistan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like YON, YOJ, YOC, YOW, YWC, YWB, YWB1, YWB2, YWB3, YWB4, YWB5, YWB6, YWB7, YWB8, YWB9, YWB10, YWB11, YWB12, YWB13, YWB14, YWB15, YWB16, YWB17, YWB18, YWB19, YWB20, YWB21, YWB22, YWB23, YWB24, YWB25, YWB26, YWB27, YWB28, YWB29, YWB30, YWB31, YWB32, YWB33, YWB34, YWB35, YWB36, YWB37, YWB38, YWB39, YWB40, YWB41, YWB42, YWB43, YWB44, YWB45, YWB46, YWB47, YWB48, YWB49, YWB50, YWB51, YWB52, YWB53, YWB54, YWB55, YWB56, YWB57, YWB58, YWB59, YWB60, YWB61, YWB62, YWB63, YWB64, YWB65, YWB66, YWB67, YWB68, YWB69, YWB70, YWB71, YWB72, YWB73, YWB74, YWB75, YWB76, YWB77, YWB78, YWB79, YWB80, YWB81, YWB82, YWB83, YWB84, YWB85, YWB86, YWB87, YWB88, YWB89, YWB90, YWB91, YWB92, YWB93, YWB94, YWB95, YWB96, YWB97, YWB98, YWB99, YWB100.

Table with columns: WTCT, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like WTP, WTP1, WTP2, WTP3, WTP4, WTP5, WTP6, WTP7, WTP8, WTP9, WTP10, WTP11, WTP12, WTP13, WTP14, WTP15, WTP16, WTP17, WTP18, WTP19, WTP20, WTP21, WTP22, WTP23, WTP24, WTP25, WTP26, WTP27, WTP28, WTP29, WTP30, WTP31, WTP32, WTP33, WTP34, WTP35, WTP36, WTP37, WTP38, WTP39, WTP40, WTP41, WTP42, WTP43, WTP44, WTP45, WTP46, WTP47, WTP48, WTP49, WTP50, WTP51, WTP52, WTP53, WTP54, WTP55, WTP56, WTP57, WTP58, WTP59, WTP60, WTP61, WTP62, WTP63, WTP64, WTP65, WTP66, WTP67, WTP68, WTP69, WTP70, WTP71, WTP72, WTP73, WTP74, WTP75, WTP76, WTP77, WTP78, WTP79, WTP80, WTP81, WTP82, WTP83, WTP84, WTP85, WTP86, WTP87, WTP88, WTP89, WTP90, WTP91, WTP92, WTP93, WTP94, WTP95, WTP96, WTP97, WTP98, WTP99, WTP100.

NIED 09 07:43:00.24, 70N:122.60E, h101km, Mw5.4 Best
double couple: Mo1.58000e+10 N1P1, phi42.000000,
delta 0.000000, lambda -58.000000. NP2: phi161.000000, delta 37.000000,
lambda -146.000000.
BUI 09 07:43:08.8, 24.40N:122.83E, h100km, mb5.1/39,
mb4.9/60
MOS 09 07:43:09.3, 1.2, 24.80N:122.60E, h77km, mb5.3/60, Error
ellipse: s-maj=7.5km s-min=4.9km az=103.2
TAP 09 07:43:13.3, 24.61N:122.63E, h104km, ML5.9, B
IDC 09 07:43:13.8, 0.5, 24.71N:122.70E, h111km, km, mb4.5/20,
mb1.4/7.24, mb1mx4.6/28, mbtmp4.6/24, MS4.1/21,
Ms1.1/4.1, ms1mx3.9/32, Error ellipse: s-maj=13.5km
s-min=8.1km az=71.0
ISCJB 09 07:43:13.2, 0.1, 24.62N:0.01:122.59E:0.01, h113km,
mb5.1/189, Error ellipse: s-maj=1.9km s-min=1.3km
az=143.2
NEIC 09 07:43:13.3, 0.3, 24.67N:122.57E, h102km, 3km
mb5.2/107, Error ellipse: s-maj=4.1km s-min=3.6km
az=104.0
NEIC FEL [III] at Taipei. Recorded [4 TAP] at I-lan; [3 TAP] in
Hua-lien; [2 TAP] in Chang-hua, Miao-li, Nan-tou,
T'ai-chung, T'ai-pei, T'ai-tung, T'ao-yuan and Yun-lin; [1
TAP] in Chia-i, Kao-hsiung and T'ai-nan. Recorded [2
JMA] on Iriomote-jima, Ishigaki-jima and Yonaguni-jima; [1
JMA] on Miyako-jima and Tarama-shima, Ryukyu Islands.
JMA 09 07:43:13.7, 0.1, 24.66N:122.63E, h99km, 1km, M5.4
JMA Felt II J1.
GCMT 09 07:43:16.0, 0.1, 24.60N:122.51E, h109km, 1km, MW5.5,
Moment Tensor Solution. s76, c123, s89, c211. Moment
tensor: Scale 10^17 Nm. M=0.36E: 03; Mw=1.36E: 03;
Ms=1.71E: 03; M1: 0.5E: 02; Mw: 0.12E: 03; M1: 0.28E: 02;
Best double couple: Mo1.90000e+10 N1P1, phi22.000000,
delta 0.000000, lambda -19.000000. NP2: phi321.000000, delta 74.000000,
lambda -150.000000. Principal axes: T 1.7500, P1g8.0000,
Az90.0000; N 0.2900, P1g56.0000, Azm348.0000; P
-2.0400, P1g32.0000, Azm185.0000; Data Used: II IU IC
G CN. Surface waves from 105 sta.
DJA 09 07:43:19.24, 57N:122.60E, h152km, Mw6.0/32
SZGRF 09 07:43:50.7, 27.38N:121.68E, h33km, mb5.2, Near coast
of southeastern China
ISC 09 07:43:14.6, 0.1, 24.63N:0.01:122.53E:0.01, h115km,
h115km, 1.1km, pp-P, n684, phi157/676, mb5.1/189,







Table with columns for name, address, phone, and other details. Includes entries like 'COLIM 82.44 323', 'Freiberg 82.44 323', 'CONRAD CONRAD OBSERVATORY', etc.

Table with columns for name, address, phone, and other details. Includes entries like 'ORIF Oris-en-Rattie 89.91 321', 'NEW Newport 89.94 35', 'SMF Signal de Mont 90.04 323', etc.

Table with columns for name, address, phone, and other details. Includes entries like 'KEST Montolio 92.97 321', 'MTLF Montolio 92.97 321', 'F13A Darby 92.98 36', etc.













9d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKL, BHP, DDI, EGAK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ISA, MWC, PAHR, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like AML, R10A, Q10A, etc.





Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Black Forest, San Ignacio, Champ du Feu, etc.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like SHEL, TAM, CMLA, TOR, etc.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like CISI, Cismopet, Garu, etc.













Table of seismic stations and events for 2008 SEP, including station names like FINES, OBNSK, and various event codes with associated coordinates and magnitudes.

Table of seismic stations and events for 2008 SEP, including station names like GRF, KHC, and various event codes with associated coordinates and magnitudes.

Table of seismic stations and events for 9d 17h, including station names like ICM, HUMP, and various event codes with associated coordinates and magnitudes.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 09 17:07:03, NEIC 09 17:07:04, and NEIC 09 17:07:05.

NEIC 09 17:24:42.1, 5.7, 6.88S, 149.98E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.3/1.5, mbtmp3.3/3, Error ellipse: s-maj=167.3km s-min=31.1km az=106.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and SONM Songoing Array.

ISCJB 09 17:55:19.6, 0.8, 18.0S, 0.1, 177.65W, 0.10, h527km, 14km, mb3.8/7, Error ellipse: s-maj=21.7km s-min=13.9km az=165.7

ISC 09 17:55:19.9, 2.1, 18.11S, 177.84W, h492km, 33km, mb3.3/5, mb1 3.5/6, mb1mx3.1/2.0, mbtmp3.4/6, Error ellipse: s-maj=30.9km s-min=28.8km az=145.0

NEIC 09 17:55:20.7, 0.9, 18.00S, 177.70W, h522km, 15km, mb3.8/4, Error ellipse: s-maj=21.1km s-min=8.0km az=163.0

ISC 09 17:55:20.1, 0.8, 18.0S, 0.1, 177.81W, 0.1, h525km, 14km, n16, c099/17, mb3.8/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MSFV Nonsavu, AFI Afiamalu, URZ Urewera, and WRA Warramunga Arr.

ISCJB 09 18:23:28.8, 0.5, 12.24S, 0.07, 46.2E, 0.1, h10km, mb3.9/11, MS3.3/5, Error ellipse: s-maj=15.1km s-min=9.8km az=178.6

ISC 09 18:23:29.3, 0.8, 12.25S, 46.21E, h0km, mb3.7/8, mb1 3.8/10, mb1mx3.7/2.4, mbtmp3.8/10, ML3.1/2, MS3.4/6, MS1 3.4/6, ms1mx3.2/2.6, Error ellipse: s-maj=30.3km s-min=19.7km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 09 18:23:30.8, 0.6, 12.24S, 46.17E, h10km, mb4.7/3, Error ellipse: s-maj=15.9km s-min=11.3km az=90.0

ISC 09 18:37:07.7, 1.0, 30.74N, 83.31E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.5/2.5, mbtmp3.5/9, ML3.0/2, MS3.4/1, MS1 3.4/1, ms1mx2.6/2.4, Error ellipse: s-maj=28.8km s-min=21.9km az=65.0

ISCJB 09 18:37:08.1, 0.5, 30.78N, 0.07, 83.54E, 0.07, h10km, mb3.4/8, Error ellipse: s-maj=10.8km s-min=7.6km az=36.4

NEIC 09 18:37:08.9, 0.6, 30.74N, 83.17E, h10km, mb3.5/3, Error ellipse: s-maj=13.8km s-min=8.2km az=57.0

ISC 09 18:37:09.4, 0.5, 30.77N, 0.07, 83.44E, 0.07, h10km, n22, c1508/22, mb3.4/8, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DDI Dehra Dun, LSA Lhasa, and SONM Songoing Array.

ISCJB 09 19:11:03.0, 5.2, 4.37N, 0.02, 121.90E, 0.02, h6km, 5km, Error ellipse: s-maj=3.7km s-min=2.8km az=40.3

TAP 09 19:11:10.9, 2.4, 38N, 121.84E, h12km, ML3.0, B JMA 09 19:11:11.5, 0.2, 24.38N, 121.91E, h42km, M2.2

ISC 09 19:11:10.6, 0.4, 24.36N, 0.02, 121.90E, 0.02, h6km, 5km, n34, c066/60, 1C-4D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for EHP Heping Village, ENA Nanau, and TWD Tainan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TWP1 Tachien, TWT Tachen, TWA Mucha, and TWS1 Kuangyinshan.

ISCJB 09 19:11:51.2, 1.0, 28.91N, 0.07, 138.2E, 0.3, h531km, 16km, mb2.9/4, Error ellipse: s-maj=38.5km s-min=10.0km az=170.9

ISC 09 19:11:52.2, 1.4, 28.82N, 138.11E, h519km, 19km, mb2.5/4, mb1 2.8/5, mb1mx2.6/2.2, mbtmp2.6/5, Error ellipse: s-maj=31.9km s-min=17.5km az=91.0

JMA 09 19:11:53.0, 3.2, 29.02N, 138.53E, h519km, M3.5 Error ellipse: s-maj=11.52, 1.1, 0.2839N, 0.08, 138.2E, 0.3, h518km, 17km, n12, c097/16, mb2.9/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CBIJ Chichi jima, CBUJ Chichi jima, and WRA Warramunga Arr.

ISCJB 09 19:50:37.2, 3.2, 4.38S, 0.08, 153.2E, 0.1, h41km, 20km, mb4.4/26, MS3.4/1, Error ellipse: s-maj=25.8km s-min=10.8km az=18.7

ISC 09 19:50:33.3, 3.7, 4.47S, 153.22E, h87km, 34km, mb3.9/10, mb1 4.1/10, mb1mx4.0/17, mbtmp3.9/10, MS3.5/1, MS1 3.4/1, ms1mx2.5/19, Error ellipse: s-maj=38.5km s-min=13.0km az=113.0

NEIC 09 19:50:36.0, 1.6, 4.42S, 152.89E, h99km, 16km, mb4.4/15, Error ellipse: s-maj=16.1km s-min=12.0km az=130.0

ISC 09 19:50:31.4, 2.1, 4.43S, 0.08, 153.1E, 0.1, h61km, 17km, n40, c098/42, mb4.4/26, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PMG Port Moresby, HNR Honiara, and WRA Warramunga Arr.











Table with columns: I12A, Atlanta, 89.84, 45, P, P, 23 31 14.3 -0.1, etc. Includes rows for I12A, Q14A, V15A, U15A, Y16A, etc.

Table with columns: 219A, White Tail Can, 91.36, 58, P, P, 23 31 22.3 +0.5, etc. Includes rows for 219A, 219A, 181A, etc.

Table with columns: EDM, Edmonton, 93.54, 36, P, P, 23 31 25.1 +0.2, etc. Includes rows for EDM, A16A, LAZ, U21A, D17A, etc.

Table with columns: KEV, Kevo, 116.74 345, ePKIKP, PKPdf, 23 36 52.6 -6.2, etc. Lists various astronomical objects and their properties.

Table with columns: OKC, OKC, OKC, 134.34 332, ePKIKP, PKPdf, 23 37 32.4 -0.6, etc. Lists various astronomical objects and their properties.

Table with columns: BFO, Black Forest, 139.30 338, ePKPdf, PKPdf, 23 37 42.4 +0.2, etc. Lists various astronomical objects and their properties.

Table with columns: KRSC 09 23:25:32.0-0.55:31N x 165:03E, h38km, 21km, ML3.7, Komandorsky Islands region. Lists station names and coordinates.









10d 1h

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s-min=10.8km az=34.0
BUJ 10 01:14:30.5,30.78N,83.40E,h19km,mB5.1/37,mb4.7/49,
Ms5.2/59,Ms7.5/53
NEIC 10 01:14:31.9,0.2,30.78N,83.59E,h10km,mb5.0/42,
MS5.0/2,Error ellipse: s-maj=5.8km s-min=3.7km az=49.0
MOS 10 01:14:33.9,1.1,30.78N,83.56E,h33km,mb5.0/48,
MS4.9/29,Error ellipse: s-maj=8.6km s-min=4.2km
az=120.2
NDI 10 01:14:33.0,7.4,30.92N,83.62E,h15km,66km,mb5.1,
mb5.0(NEIC)
ISCJB 10 01:14:34.3,0.8,30.89N,0.02,83.51E,0.02,h32km,6km,
mb4.9/10,MS4.9/37,Error ellipse: s-maj=4.3km
s-min=2.9km az=28.2
GCMT 10 01:14:38.3,0.2,30.79N,83.71E,h20km,1km,MW5.3,
Moment Tensor Solution, s66,c87; s97,c172; Moment
tensor: Scale 10^17Nm; Mrr=0.23; Mtt=0.81; Mtt=0.81;
Mrr=1.03; Mtt=0.28; Mtt=0.66; Mrr=0.05; Mtt=0.04;
Best double couple: M=1.2000x10^17 NP1=206.000000,
delta77.000000, lambda=12.000000. NP2=298.000000,
delta79.000000, lambda=166.000000. Principal axes: T 1.2500, P1g1.000000,
Azim72.000000; N -0.1400, Plg2.000000, Azim338.000000; P
-1.1100, Plg18.000000, Azim162.000000; Data Used: II IU IC
O/C

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: POO, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Poona, Gaotai, Karatay Array, Lanzhou, Kunming, etc.

Table with columns: SMDO, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Samad, Borovoye Array, Zerkenda, Ashyiah, etc.



10d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barrancos, Tomar, ASAR, Alice Springs, etc.

ISCJ 10:16:45.8-2.1, 30.73N-0.06-83.40E-0.06, h15km, 15km, mb4.6/43, Error ellipse: s-maj=10.9km s-min=6.4km az=36.8

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

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

ISCJ 10:16:45.8-2.1, 30.73N-0.06-83.40E-0.06, h15km, 15km, mb4.6/43, Error ellipse: s-maj=10.9km s-min=6.4km az=36.8

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

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

CASC 10:01:24:21.9-3.0, 11.48N-86.87W, h26km, 9km, MD4.0, ML3.6, Near coast of Nicaragua

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

IDC 10:01:25:36.3-1.6, 16.00S-167.79E, h0km, mb4.1/6, mb1.4/6, mb1mx4.1/17, mbtmp4.1/6, MS3.7/3, Ms1 3.7/3, ms1mx3.3/20, Error ellipse: s-maj=106.9km s-min=22.8km az=148.0, Vanuatu Islands

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

DMN 10:01:28:01.7-0.4, 31.51N-83.16E, h10km, M5.6/6, Error ellipse: s-maj=8.1km s-min=7.7km az=20.0

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



Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like DANN, DANGSING, PIUTHAN, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like GTA, KARAD, MAKANCHI ARRAY, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ZRNC, MOY, ZAK, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like KIV Kislovodsk, BKNI Bangkok, PPI Padang Panjang, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like HABR comp=Z,41nm,1.2s,mb5.0, HABR comp=E,41nm,1.2s, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like LIT Litokhoron, DSF Desfina, KEV Kevo, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like JAVS, NOA, WET, TAN, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like TAM, EHUE, EHUE, GUD, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ILAR, ILAR, ILAR, INK, etc.

IDC 10:01:29.14.4e.1.0.51:62N:177:60E, h0km, mb3.8/14, mb1 4.0/15, mb1mx3.9/27, mbtmp3.9/15, ML4.4/1, Error ellipse = s-maj=29.1km s-min=16.2km az=180.0

BUI 10:01:29.20.7, 51:60N:177:60E, h33km, mb4.9/2, mb4.7/5, MB4.4/1, Met 4.1/1

ISCJB 10:01:29.22.40.7, 51:7N:0.1:177:69E, 0:06, h72km, 5km, mb4.0/20, Error ellipse: s-maj=18.8km s-min=5.4km az=10.8

NEIC 10:01:29.22.7, 51:60N:177:63E, h42km, mb4.2/3, ML4.3(PMR), ML4.0(AEIC), After AEIC.

ISC 10:01:29.23.7, 0.7:51:6N:0.1:177:66E, 0:06, h68km, 5km, n34, r14/38, mb4.0/20, Rat Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like AMKA, SMY, SMY, etc.



AKL	comp=Z,65nm,0.9s,mb5.1	Amb	AMB	03 06 12.9	
KAD	Karad	26.23 306	ePKP	P	03 06 04.5 +2.3
KAD	comp=Z,38nm,1.1s,mb4.8	Amb	AMB	03 06 16.5	
HKC	Hong Kong Obse	26.23 40	P	P	03 06 02.0 -0.1
LUWI	Luwuk	26.70 97	P	P	03 06 18.8 +0.9
PKI	Pulchoki	27.00 338	eP	P	03 06 09.4 +0.4
PKIN	Phulchoki	27.01 338	eP	P	03 06 09.5 +0.4
GUN	Gumba	27.14 339	eP	P	03 06 10.8 +0.5
POO	Poono	27.15 307	iix	x	03 06 25.0
DMN	Daman	27.15 338	eP	P	03 06 10.8 +0.4
KKN	Kakani	27.25 338	eP	P	03 06 11.4 +0.2
LSA	Lhasa	27.47 350	P	P	03 06 13.5 +0.3
LSA	comp=E,4um,26.5s		LR	LR	
LSA	comp=Z,5um,25.9s,MS4.9		LR	LR	
LSA	Lhasa	27.47 350	eP	P	03 06 13.6 +0.4
LSA	comp=Z,152nm,1.0s,mb5.5		eP	P	
BHPL	Bhopal	27.54 320	ePKP	P	03 06 15.2 +1.2
BHPL	comp=Z,56nm,1.2s,mb5.1		eP	P	
GKN	Gorkha	27.68 337	eP	P	03 06 15.5 +0.4
KOLN	Koldanda	27.89 335	eP	P	03 06 17.3 +0.3
MMRI	Maumere	28.13 113	P	P	03 06 18.4 -1.0
DANN	Dangsing	28.34 336	eP	P	03 06 21.2 +0.2
CD2	CD2	29.10 13	eP	P	03 06 27.8 0.0
CD2	comp=Z,56nm,1.0s,mb5.2		eP	P	
CD2	CD2		pP	pP	03 06 35.5 +0.4
CD2	CD2		sP	sP	03 06 45.1 +0.9
CD2	CD2		PP	PP	03 07 23.4 -1.1
CD2	CD2		PcP	PcP	03 09 33.2 -1.9
CD2	CD2		S	S	03 11 17.2 +0.4
CD2	CD2		sS	sS	03 11 37.3 +1.4
CD2	CD2		sS	sS	03 12 51.3 -3.0
CD2	CD2		ScS	ScS	03 17 03.0 -4.6
CD2	CD2		pmax	pmax	
CD2	comp=Z,50nm,0.8s,mb5.5		pmax	pmax	
CD2	comp=Z,120nm,5.8s		LR	LR	
CD2	comp=N,10um,15.2s,MS5.7		LR	LR	
CD2	comp=E,13um,18.6s,MS5.7		LR	LR	
CD2	comp=Z,11um,11.8s		LR	LR	
ENH	Enshi	30.30 23	eP	P	03 06 37.0 -1.3
OZH	Quanzhou	30.96 42	iP	P	03 06 41.9 -2.4
OZH	Quanzhou	30.96 42	iP	P	03 11 52.0 +5.8
OZH	comp=Z,190nm,1.4s,mb5.7		pmax	pmax	
OZH	comp=Z,780nm,4.4s		LR	LR	
OZH	comp=N,22um,14.4s,MS6.0		LR	LR	
OZH	comp=E,8um,13.8s,MS6.0		LR	LR	
OZH	comp=Z,20um,14.2s,MS5.9		LR	LR	
TPUB	Ta-pu	31.33 47	eP	P	03 06 49.0 +1.4
LBMI	Labuha	31.33 95	P	P	03 06 56.8 +8.9
TWG	Pinlang	31.37 48	eP	P	03 06 49.2 +1.3
SONA	Sohna	31.48 326	ePKP	P	03 06 48.6 -0.3
SONA	comp=Z,88nm,0.8s,mb5.7		Amb	AMB	03 06 50.7
AJM	Ajmer	31.61 321	ePKP	P	03 06 51.5 +1.5
AJM	comp=Z,68nm,0.9s,mb5.5		Amb	AMB	03 07 03.6
SSLB	Suanglung	31.87 46	eP	P	03 06 52.3 0.0
YULB	Yu-ji	31.88 47	eP	P	03 06 53.0 +0.6
KHET	Khetri	32.07 324	ePKP	P	03 06 54.8 +0.8
KHET	comp=Z,60nm,0.7s,mb5.5		Amb	AMB	03 07 03.3
JOSI	Joshimath	32.07 332	ePKP	P	03 06 54.7 +0.7
NACB	Ninganchiao	32.56 46	eP	P	03 07 00.0 +1.6
DDI	Dehra Dun	32.61 330	ePKP	P	03 06 58.0 -0.7
DDI	comp=Z,41nm,0.8s,mb5.4		ex	x	03 08 20.0
WHN	Wuhan	32.69 30	P	P	03 06 59.1 -0.3
WHN	comp=N,7um,13.3s,MS5.9		S	S	03 12 23.7 +1.1
WHN	comp=E,15um,14.6s,MS5.9		LR	LR	
WHN	comp=Z,20um,15.2s,MS5.9		LR	LR	
YHNB	Yeheng	32.71 46	eP	P	03 07 00.5 +0.8
MBWA	Marble Bar	32.87 137	eP	P	03 07 00.3 -0.8
MBWA	comp=Z,18nm,0.6s,mb5.2		eS	S	03 12 10.6 -5.3
MBWA	Marble Bar	32.87 137	eP	P	03 07 00.1 -0.9
XAN	Xi'an	33.50 19	P	P	03 07 05.0 -1.4
XAN	comp=Z,14nm,0.6s,mb5.1		pP	pP	03 07 16.1 -1.8
XAN	comp=Z,14nm,0.6s,mb5.1		sP	sP	03 07 21.8 -1.1
XAN	comp=Z,14nm,0.6s,mb5.1		PP	PP	03 08 16.8 -6.0
XAN	comp=Z,14nm,0.6s,mb5.1		S	S	03 12 21.1 -4.3
XAN	comp=Z,36nm,0.8s,mb5.3		pmax	pmax	
XAN	comp=Z,150nm,12.8s		pmax	pmax	
XAN	comp=N,3um,17.3s,MS5.1		LR	LR	
XAN	comp=E,1um,18.7s,MS5.1		LR	LR	
XAN	comp=Z,2um,16.1s,MS4.9		LR	LR	
KLP	Kalpa	33.51 331	ePKP	P	03 07 06.9 +0.4
SMLA	Simla	33.71 330	iP	P	03 07 07.3 -1.0
SDNR	Sundarnagar	34.11 330	ePKP	P	03 07 11.5 -0.3
LZH	Lanzhou	34.12 11	eP	P	03 07 11.1 -0.7
LZH	comp=Z,2um,16.1s,MS4.9		pP	pP	03 07 20.0 -3.3
LZH	LZH		sP	sP	03 07 27.0 -1.3
LZH	LZH		eS	S	03 12 33.0 -2.0
LZH	LZH		sS	sS	03 12 56.1 +1.9
LZH	LZH		SS	SS	03 14 44.0 -2.0
LZH	comp=Z,66nm,1.0s,mb5.5		pmax	pmax	
LZH	comp=Z,520nm,5.2s		pmax	pmax	
LZH	comp=N,3um,13.0s,MS5.7		LR	LR	
LZH	comp=E,9um,16.0s,MS5.7		LR	LR	
LZH	comp=Z,6um,16.8s,MS5.4		LR	LR	
BHK	Bhakra	34.32 329	ex	x	03 07 10.6 -3.0
FITZ	Fitzroy Crossi	35.43 126	LR	LR	03 07 06.9 +0.4
FITZ	comp=Z,4um,21.0s,MS5.1,baz=293,slow=38		LR	LR	03 07 11.5 -0.3
FITZ	Fitzroy Crossi	35.43 126	eP	P	03 07 21.1 -2.2
FITZ	comp=Z,60nm,0.8s,mb5.1		eP	P	03 07 21.0 -2.3
FITZ	Fitzroy Crossi	35.43 126	eP	P	03 07 21.3 -2.0
FITZ	comp=Z,37nm,0.9s,mb5.3		P	P	03 07 21.3 -2.0
NJ2	Nanjing	36.24 33	eP	P	03 07 30.2 +0.1
NJ2	comp=Z,96nm,0.9s,mb5.3		pP	pP	03 07 41.2 -0.5
NJ2	comp=Z,96nm,0.9s,mb5.3		sP	sP	03 07 47.6 +0.9
NJ2	comp=Z,96nm,0.9s,mb5.3		PP	PP	03 08 50.0 -3.1
NJ2	comp=Z,96nm,0.9s,mb5.3		S	S	03 13 07.5 -0.2
NJ2	comp=Z,40nm,0.8s,mb5.4		pmax	pmax	
NJ2	comp=Z,540nm,4.5s		LR	LR	
NJ2	comp=N,6um,17.9s,MS5.7		LR	LR	
NJ2	comp=E,8um,16.4s,MS5.7		LR	LR	

NJ2	comp=Z,5um,19.7s,MS5.3		LR	LR	
GTA	Goatai	36.85 5	P	P	03 07 34.7 -0.5
GTA	comp=Z,31nm,0.8s,mb5.2		pP	pP	03 07 46.7 -0.1
GTA	comp=Z,31nm,0.8s,mb5.2		sP	sP	03 07 51.8 0.0
GTA	comp=Z,31nm,0.8s,mb5.2		S	S	03 13 16.8 -0.4
GTA	comp=Z,31nm,0.8s,mb5.2		sS	sS	03 13 35.8 -0.4
GTA	comp=Z,31nm,0.8s,mb5.2		SS	SS	03 15 47.1 -1.2
GTA	comp=Z,690nm,4.7s		pmax	pmax	
GTA	comp=N,4um,17.1s,MS5.3		LR	LR	
GTA	comp=E,3um,18.3s,MS5.3		LR	LR	
GTA	comp=Z,5um,15.9s,MS5.4		LR	LR	
SSE	Sheshan	36.88 37	P	P	03 07 34.9 -0.7
SSE	comp=Z,29nm,0.6s,mb5.3		eP	eP	03 07 47.5 -4.7
SSE	comp=Z,29nm,0.6s,mb5.3		PP	PP	03 09 01.5 +1.3
SSE	comp=Z,29nm,0.6s,mb5.3		S	S	03 13 21.1 +3.6
SSE	comp=Z,29nm,0.6s,mb5.3		ScP	ScP	03 13 38.9 -1.5
SSE	comp=Z,29nm,0.6s,mb5.3		PcS	PcS	03 14 42.2 -2.7
SSE	comp=Z,29nm,0.6s,mb5.3		pmax	pmax	
SSE	comp=Z,260nm,6.5s		LR	LR	
SSE	comp=N,3um,14.7s,MS5.5		LR	LR	
SSE	comp=E,5um,14.7s,MS5.5		LR	LR	
SSE	comp=Z,7um,15.2s,MS5.5		P	P	03 07 35.9 +0.1
KNA	Kununura	36.88 121	P	P	03 07 45.4 +8.1
KNA	comp=Z,957nm,comp=Z,129nm,0.9s,mb5.8		P	P	03 07 45.0 -0.2
TLE	Tual	37.28 103	P	P	03 07 45.0 -0.2
TIY	Taiyuan	38.02 21	pP	pP	03 07 57.5 +0.7
TIY	comp=Z,440nm,5.2s		sP	sP	03 08 02.2 +0.4
TIY	comp=N,7um,12.8s,MS5.7		PP	PP	03 09 14.1 +1.4
TIY	comp=N,7um,12.8s,MS5.7		S	S	03 13 31.5 -3.2
TIY	comp=N,7um,12.8s,MS5.7		SS	SS	03 16 15.8 -6.7
TIY	comp=E,3um,12.6s,MS5.7		pmax	pmax	
TIY	comp=Z,11um,14.3s,MS5.8		LR	LR	
TIA	Tai'an	38.66 27	eP	P	03 07 49.6 -0.9
TIA	comp=Z,40nm,0.8s,mb5.2		pmax	pmax	
TIA	comp=Z,770nm,14.0s		LR	LR	
TIA	comp=N,8um,16.0s,MS5.8		LR	LR	
TIA	comp=E,8um,15.5s,MS5.8		LR	LR	
KAKA	Kakadu	38.94 114	eP	P	03 07 51.1 -2.1
KAKA	comp=Z,4um,14.9s,MS5.3		eP	P	03 07 51.1 -2.1
KAKA	comp=Z,96nm,0.6s,mb5.7		eP	P	03 07 51.1 -2.1
KAKA	comp=Z,274nm,0.6s,mb5.2		eP	P	03 07 51.5 -1.7
KAKA	comp=Z,2um,comp=Z,239nm,0.6s,mb6.1		eP	P	03 07 54.0 +0.3
JOW	Kunigami	39.02 49	eP	P	03 07 58.3 0.0
KLBR	Kellerberrin	39.58 151	eP	P	03 07 58.3 0.0
BTO	Baotou	39.89 16	eP	P	03 07 59.5 -1.2
NWAO	Narogin (SRO)	40.44 152	LR	LR	03 25 12.6
NWAO	comp=Z,5um,20.0s,MS5.3,baz=330,slow=37		LR	LR	
NWAO	Narogin (SRO)	40.44 152	eP	P	03 08 06.5 +1.1
HHC	Hu-ho-hao-te	40.57 18	iP	P	03 08 07.6 +1.2
HHC	comp=Z,170nm,6.3s		pP	pP	03 08 19.8 +1.8
HHC	comp=Z,170nm,6.3s		sP	sP	03 08 25.1 +2.1
HHC	comp=Z,170nm,6.3s		PP	PP	03 09 46.0 +5.6
HHC	comp=Z,170nm,6.3s		PcP	PcP	03 10 09.4 +1.3
HHC	comp=Z,170nm,6.3s		ScP	ScP	03 13 54.2 -0.9
HHC	comp=Z,170nm,6.3s		S	S	03 14 15.5 +2.6
HHC	comp=Z,170nm,6.3s		sS	sS	03 14 35.9 +3.6
HHC	comp=Z,170nm,6.3s		SS	SS	03 17 13.0 -1.0
HHC	comp=Z,170nm,6.3s		ScS	ScS	03 18 06.8 -1.8
HHC	comp=Z,170nm,6.3s		pmax	pmax	
KBL	Kabul	40.73 325	eP	P	03 08 08.0 +0.2
KSH	Kashi	41.20 336	eP	P	03 08 07.7 -3.9
KSH	comp=Z,9um,20.7s,MS5.6		eP	P	03 08 20.0 -3.3
KSH	comp=Z,247nm,0.6s,mb5.0		eP	P	03 08 25.4 -2.9
KSH	comp=Z,247nm,0.6s,mb5.0		eP	P	03 08 45.2 -2.2
KSH	comp=Z,247nm,0.6s,mb5.0		ePcP	PcP	03 10 10.8 +0.6
KSH	comp=Z,247nm,0.6s,mb5.0		eScP	ScP	03 13 55.0 -1.9
KSH	comp=Z,247nm,0.6s,mb5.0		PcS	PcS	03 14 00.2 -1.0
KSH	comp=Z,247nm,0.6s,mb5.0		S	S	03 14 12.8 -1.0
KSH	comp=Z,1.0nm,0.2s,mb4.1		pmax	pmax	
KSH	comp=Z,310nm,4.9s		LR	LR	
KSH	comp=N,7um,22.7s		LR	LR	
KSH	comp=E,3um,16.4s		LR	LR	
KSH	comp=Z,9um,20.7s,MS5.6		LR	LR	
BJT	Baijiatao	41.45 23	eP	P	03 08 14.2 +0.6
BJI	Beijing	41.47 23	P	P	03 08 14.2 +0.4
BJI	comp=Z,247nm,0.6s,mb5.0		pP	pP	03 09 52.9 +2.7
BJI	comp=Z,247nm,0.6s,mb5.0		S	S	03 14 28.7 +2.4
BJI	comp=Z,330nm,0.7s,mb6.1		pmax	pmax	
BJI	comp=Z,1um,4.4s		LR	LR	
BJI	comp=N,3um,13.2s,MS5.5		LR	LR	
BJI	comp=E,3um,15.7s,MS5.5		LR	LR	
BJI	comp=Z,2um,19.8s,MS4.9		LR	LR	
WMQ	Urumqi	41.83 351	P	P	03 08 16.0 -0.7
WMQ	comp=Z,9um,20.7s,MS5.6		pP	pP	03 08 28.0 -0.4
WMQ	comp=Z,9um,20.7s,MS5.6		sP	sP	03 08 34.0 +0.7
WMQ	comp=Z,9um,20.7s,MS5.6		PP	PP	03 09 57.0 +3.0
WMQ	comp=Z,9um,20.7s,MS5.6		S	S	03 14 31.0 -0.5
WMQ	comp=Z,9um,20.7s,MS5.6		sS	sS	03 14 52.0 +1.0
WMQ	comp=Z,9um,20.7s,MS5.6		SS	SS	03 17 32.0 -6.9
WMQ	comp=Z,37nm,1.0s,mb5.0		pmax	pmax	
WMQ	comp=Z,150nm,4.0s		LR	LR	
WMQ	comp=N,3um,16.0s,MS5.5		LR	LR	
WMQ	comp=E,4um,16.0s,MS5.5		LR	LR	





Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Ostrava-Krasne, Kevo, Rata Peaks, Moravsky Berou, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Maitri, South Pole Qui, Danmarks Havn, etc.

Additional text and data at the bottom right, including station identifiers and coordinates like 'IDC 10 03:13:39.2, 0.8, 2.77N, 96.86E, h3km, mb4.2/12, mb1 4.2/12, mb1mx4.0/22, mbtmp4.1/12, Error ellipse: s-maj=39.9km s-min=14.8km az=56.0'.

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

IDC 10 03:21:24.0, 2.63N, 96.58E, h0km, mb4.1/12, mb1.4/2/13, mb1mx4.1/23, mbtmp4.1/13, ML3.8/1, Error ellipse: s-maj=42.3km s-min=14.1km az=55.0

ISCJB 10 03:21:27.1, 1.6, 2.32N, 0.05, 96.17E, 0.10, h42km, 14km, mb4.3/19, Error ellipse: s-maj=16.8km s-min=7.8km az=160.3

NEIC 10 03:21:29.3, 0.5, 2.48N, 96.32E, h35km, mb4.4/5, Error ellipse: s-maj=13.9km s-min=9.6km az=47.0

DJA 10 03:21:30.2, 2.27N, 96.42E, h21km, MLV4.4/5, Error ellipse: s-maj=16.8km s-min=7.8km az=160.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TPTI, TSI, MNSI, etc.

WRA Warramunga Arr 43.52 122 P P 03 29 28.4 -0.8

ASAR Alice Springs 44.91 127 P P 03 29 40.1 -0.2

MK31 Makanchi Array 45.89 347 P P 03 29 47.7 0.0

SONM Songino Array 46.16 10 P P 03 29 49.4 -0.4

KURK Kurchatov 50.42 346 P P 03 31 25.6 +0.2

ZALV Zalesovo Beam 52.27 352 P P 03 30 35.9 -0.5

BVAR Borovoye Array 54.73 341 P P 03 30 56.3 +0.3

STKA Stephens Creek 54.89 132 P P 03 30 56.3 +0.3

BRVK Borovoye Array 56.02 341 P P 03 31 04.1 +0.3

AKTK Aktyubinsk 57.74 332 P P 03 31 15.6 -0.3

ARCES ARCESS Array B 81.10 340 P P 03 33 40.7 +0.6

TXAR Lajitas Array 143.21 30 PKHKP PKPpre 03 40 56.7

CPUP Villa Florida 145.12 224 PKPbc PKPbc 03 41 06.7 +3.8

IDC 10 03:23:35.2, 3.1, 04N, 83.75E, h0km, mb3.5/5, mb1.3/7.7, mb1mx3.5/25, mbtmp3.5/7, ML3.9/2, Error ellipse: s-maj=95.0km s-min=25.0km az=61.0

ISCJB 10 03:23:37.2, 4.5, 3.11N, 0.01, 83.7E, 0.1, h23km, 37km, mb3.4/6, Error ellipse: s-maj=22.8km s-min=14.9km az=150.6

NEIC 10 03:23:37.3, 0.9, 3.1, 02N, 83.71E, h10km, mb3.6/2, Error ellipse: s-maj=34.3km s-min=11.8km az=61.0

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

DJA 10 03:28:01.2, 2.49N, 95.93E, h20km, MLV4.4/5, Error ellipse: s-maj=21.2km s-min=10.7km az=16.1

NEIC 10 03:28:05.1, 1.6, 2.62N, 96.23E, h35km, mb4.0/1, Error ellipse: s-maj=31.0km s-min=11.1km az=182.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes TPTI, MNSI, etc.

WRA Warramunga Arr 43.52 122 P P 03 36 18.8 +2.7

MK31 Makanchi Array 45.75 347 P P 03 36 22.4 +0.3

SONM Songino Array 46.06 10 P P 03 36 24.3 -0.2

ZALV Zalesovo Beam 52.14 352 P P 03 37 11.3 +0.4

BVAR Borovoye Array 54.69 341 P P 03 37 29.7 0.0

ARCES ARCESS Array B 55.97 340 P P 03 40 15.2 +0.4

IDC 10 03:28:45.1, 3.1, 0, 60.23S, 152.04E, h0km, mb4.0/4, mb1.4/2/13, mb1mx4.0/13, mbtmp4.0/4, Error ellipse: s-maj=57.54km s-min=16.25km az=137.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes TOO Toolangi, CMSA Cobart Meteor, STKA Stephens Creek, etc.

WRA Warramunga Arr 42.26 334 P P 03 36 39.2 -0.7

FITZ Fitzroy Crossi 46.25 127 P P 03 37 13.2 +1.1

BUI 10 03:29:13.6, 2.37N, 96.19E, h17km, mb4.6/9, Error ellipse: s-maj=41.8km s-min=14.2km az=59.0

ISCJB 10 03:29:18.7, 4.2, 2.51N, 0.1, 96.3E, 0.2, h41km, 34km, mb4.2/2/1, Error ellipse: s-maj=38.0km s-min=11.9km az=147.4

NEIC 10 03:29:19.8, 0.5, 2.43N, 96.26E, h35km, mb4.5/5, Error ellipse: s-maj=14.9km s-min=8.8km az=60.0

ISC 10 03:29:22.0, 3.6, 2.5N, 0.1, 96.4E, 0.2, h50km, 30km, n31, c085/29, mb4.2/21, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes KULM Kulim, CMAR Chiang Mai Arr, etc.

WRA Warramunga Arr 43.46 123 P P 03 37 19.9 -0.6

TKM2 Tokmak 2 44.37 338 eP P 03 37 27.3 +0.6

AAK Ala-Archa 44.45 337 P P 03 37 28.8 +0.7

ASAR Alice Springs 44.87 127 P P 03 37 31.4 -0.3

MK31 Makanchi Array 45.75 347 P P 03 37 38.4 0.0

SONM Songino Array 45.95 9 P P 03 37 39.9 0.0

KURK Kurchatov 50.30 345 eP P 03 38 13.9 +0.5

ZALV Zalesovo Beam 52.12 351 P P 03 38 26.6 -0.3

BVAR Borovoye Array 54.72 341 P P 03 38 44.7 -1.4

STKA Stephens Creek 54.87 132 P P 03 38 47.6 0.0

ABKAR Akbulak array 55.95 332 eP P 03 38 54.9 -0.1

FINES FINES Array B 78.43 333 P P 03 41 18.7 +1.4

1.2nm, 0.7s, baz=139, slow=9.6, SNR=3.0

NEIC 10 03:57:19.7, 16.89N, 94.30W, h137km, MD3.7(MEX), After MEX.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes CMIG Matias Romero, CMIG Matias Romero, etc.

DJA 10 04:02:20.2, 2.54N, 95.68E, h19km, MLV5.0/8, Error ellipse: s-maj=17E, h36km, mb5.0/27, mb4.9/46, Ms4.8/37, Ms7.4/5/35

IDC 10 04:02:21.4, 0.7, 2.44N, 96.28E, h0km, mb4.4/17, mb1.4/5/18, mb1mx4.3/24, mbtmp4.4/18, ML4.7/1, MS4.3/11, Ms1.4/4/11, ms1mx4.0/26, Error ellipse: s-maj=23.0km s-min=14.4km az=50.0

ISCJB 10 04:02:25.3, 0.3, 2.42N, 0.0, 94.96E, 23E:0.0, h33km, mb4.8/82, MS4.5/26, Error ellipse: s-maj=6.0km s-min=3.8km az=38.4

MOS 10 04:02:25.1, 1.2, 2.49N, 96.38E, h33km, mb5.0/27, Error ellipse: s-maj=14.4km s-min=6.0km az=108.6

NEIC 10 04:02:27.4, 1.7, 2.42N, 96.30E, h37km, 14km, mb4.8/26, Error ellipse: s-maj=15.2km s-min=6.1km az=51.0

NEIC Fell [I] at Sinabang, TEH 10 04:02:28.0, 2.42N, 96.32E, h38km, Error ellipse: s-maj=15.2km s-min=6.1km az=51.0

ISC 10 04:02:27.8, 0.3, 2.46N, 0.0, 94.96E, 23E:0.0, h35km, h35km, 1.5km, pP, n194, c0115/189, mb4.8/82, MS4.5/26, 10C-7D, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes TPTI, TSI, TSI, etc.

ASAR Alice Springs 38.76 332 P P 03 36 10.3 -0.6

WRA Warramunga Arr 42.26 334 P P 03 36 39.2 -0.7

FITZ Fitzroy Crossi 46.25 127 P P 03 37 13.2 +1.1

BUI 10 03:29:13.6, 2.37N, 96.19E, h17km, mb4.6/9, Error ellipse: s-maj=41.8km s-min=14.2km az=59.0

ISCJB 10 03:29:18.7, 4.2, 2.51N, 0.1, 96.3E, 0.2, h41km, 34km, mb4.2/2/1, Error ellipse: s-maj=38.0km s-min=11.9km az=147.4

NEIC 10 03:29:19.8, 0.5, 2.43N, 96.26E, h35km, mb4.5/5, Error ellipse: s-maj=14.9km s-min=8.8km az=60.0

ISC 10 03:29:22.0, 3.6, 2.5N, 0.1, 96.4E, 0.2, h50km, 30km, n31, c085/29, mb4.2/21, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes KULM Kulim, CMAR Chiang Mai Arr, etc.

WRA Warramunga Arr 43.46 123 P P 03 37 19.9 -0.6

TKM2 Tokmak 2 44.37 338 eP P 03 37 27.3 +0.6

AAK Ala-Archa 44.45 337 P P 03 37 28.8 +0.7

ASAR Alice Springs 44.87 127 P P 03 37 31.4 -0.3

MK31 Makanchi Array 45.75 347 P P 03 37 38.4 0.0

SONM Songino Array 45.95 9 P P 03 37 39.9 0.0

KURK Kurchatov 50.30 345 eP P 03 38 13.9 +0.5

ZALV Zalesovo Beam 52.12 351 P P 03 38 26.6 -0.3

BVAR Borovoye Array 54.72 341 P P 03 38 44.7 -1.4

STKA Stephens Creek 54.87 132 P P 03 38 47.6 0.0



ILAR Eielson Array 76.83 20 P P 04 15 56.0 +0.3
IDC 10 04:04:18.9-4.1, 15.95Sx174.41W, h62km, 37km, mb3.4/3, mb1 3.8/4, mb1mx3.6/18, mb2mx3.6/4, ML2.2/1, Error ellipse: s-maj=183.1km s-min=24.3km az=145.0, Tonga Islands

WEL 10 04:33:38.4-0.4, 39.07Sx175.03E, h219km, 3km, ML3.6/17, Error ellipse: s-maj=4.3km s-min=2.7km az=90.0, North Island

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
FWVZ Far West T-bar 0.45 115 PN Pn 04 34 07.4 0.0
KRZV Karewarewa 0.48 93 PN Pn 04 34 07.3 -0.3
KRZV Mahiawha 0.51 120 PN Pn 04 34 07.9 +0.3

NIED 10 04:37:00.24.80N:125.40E, h41km, Mw4.4. Best double couple: M=4.07000x10^15 NP1=57.00000, δ=86.00000, λ=102.00000, NP2=163.00000, δ=12.00000, λ=17.00000, BUI 10 04:37:17.3, 24.77N:125.43E, h48km, mb4.4/6, mb4.4/10, Mw4.0/3, Ms7.3/7.3

ISCJBJ 10 04:37:18.9, 0.4, 24.81N:0.06:125.36E:0.04, h53km, 3km, mb4.2/28, MS3.4/2, Error ellipse: s-maj=10.9km s-min=4.6km az=152.0

IDC 10 04:37:20.0, 0.8, 24.81N:125.21E, h48km, 6km, mb3.9/14, mb1 4.0/16, mb1mx3.9/24, mbtmp3.9/16, ML3.8/2, MS3.5/3, Ms1 3.5/3, ms1mx2.9/31, Error ellipse: s-maj=24.4km s-min=13.7km az=77.0

JMA 10 04:37:19.5, 0.1, 24.81N:125.40E, h49km, 1km, M4.5 JMA Felt III J1

NEIC 10 04:37:21.0, 1.1, 24.77N:125.21E, h55km, 10km, mb4.4/13, Error ellipse: s-maj=11.1km s-min=9.9km az=118.0

NEIC Recorded [2 JMA] on Miyako-jima and [1 JMA] on Tarama-shima

ISC 10 04:37:20.1, 0.3, 24.84N:0.05:125.34E:0.04, h47km, 3km, h49km, 5km, pP-P, n62, c1907/69, mb4.2/28, MS3.4/2, Southwestern Ryukyu Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
JMJ Miyako jima 2 0.04 241 P Op Pn 04 37 27.1 -0.3
JOGS Gusukube 0.10 140 P S Pn 04 37 27.5 -0.3
JOGS Gusukube 0.10 140 P S Pn 04 37 32.5 -0.3

SONM Songino Array 27.42 332 P P 04 43 00.1 -1.1
SONM comp=Z, 1.2nm, 0.5s, mb3.6, baz=151, slow=11, SNR=4.9 LR 04 54 09.0
IPM comp=Z, 1.70nm, 20.3s, MS3.6, baz=182, slow=37, lpo=2, 3.4nm, 0.4s, mb5.0 P 04 43 30.1 -2.6

IDC 10 04:43:57.8, 3.6, 2.15N:96.09E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, Error ellipse: s-maj=148.2km s-min=22.7km az=59.0, Northern Sumatara
Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
WRA Warramunga Arr 43.48 122 P Op Pn 04 52 03.7 +0.6

DJA 10 04:45:23.6, 45Sx104.42E, h111km, MLv3.6/10, Sunda Strait

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
KASI Kota Agung 0.92 5 P Op Pn 04 45 40.2 -0.6
CGJI Cibinong 1.27 97 P Pn 04 45 45.2 -1.9
BLSI Bandar Lampung 1.35 37 P S Pn 04 45 47.5 -0.3

ISCJBJ 10 05:00:36.0, 0.3, 32.41N:0.03:105.48E:0.04, h10km, mb4.0/13, Error ellipse: s-maj=5.5km s-min=4.7km az=179.7

IDC 10 05:00:36.1, 0.7, 32.42N:105.33E, h0km, mb4.0/9, mb1 4.1/12, mb1mx4.0/25, mbtmp4.0/12, ML3.9/3, MS3.3/1, Ms1 3.3/1, ms1mx2.7/31, Error ellipse: s-maj=34.4km s-min=14.5km az=58.0

BUI 10 05:00:38.3, 32.56N:105.43E, h14km, mb4.3/6, ML4.0/20, Ms4.0/11, Ms7.3/7.8

NEIC 10 05:00:41.8, 1.1, 32.42N:105.33E, h39km, 12km, mb4.1/4, Error ellipse: s-maj=12.9km s-min=6.8km az=56.0

ISC 10 05:00:38.1, 0.3, 32.44N:0.03:105.44E:0.04, h10km, n31, c1903/42, mb4.0/13, Sitchuan

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
CD2 Chengdu 2.09 224 P Op Pn 05 01 13.9 +0.6
CD2 Mima Array Bea 93.34 45 P Pn 04 45 56.8 +0.5
CD2 comp=N, 10qm, 0.8s smax 05 01 45.1 -0.3

GYA Guiyang 6.05 170 Pn Pn 05 02 08.5 +0.8
GYA comp=N, 120nm, 0.8s smax 05 03 17.0 -0.1
GYA comp=E, 170nm, 0.9s smax 05 03 56.6 +5.7

MEX 10 05:04:59.4, 1.4, 15.91N:95.07W, h78km, 28km, MD4.2
NEIC 10 05:04:59.4, 15.91N:95.07W, h78km, mb4.0/36, After MEX.
ISCJBJ 10 05:00:50.0, 5.0, 16.33N:0.04:94.74W:0.04, h69km, 4km, mb4.2/42, Error ellipse: s-maj=8.8km s-min=3.1km az=39.3
IDC 10 05:05:02.2, 1.0, 16.48N:94.62W, h72km, 6km, mb3.8/13, mb1 4.0/14, mb1mx3.9/22, mbtmp3.8/14, MS3.5/1, Ms1 3.5/1, ms1mx2.9/26, Error ellipse: s-maj=35.5km s-min=12.0km az=56.0

CASC 10 05:05:02.1, 1.8, 15.97N:94.68W, h166km, 59km, MD4.4, mb4.3(NEIC)

ISC 10 05:05:01.5, 0.4, 16.34N:0.04:94.79W:0.04, h59km, 4km, n265, c1909/284, mb4.2/42, 58C-45D, Oaxaca

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
CMIG Matias Romero 0.75 353 P Op Pn 05 05 16.6 +2.4
HUIG Huatulco 1.39 246 I S Pn 05 05 16.8 -7.9
HUIG Huatulco 1.39 246 I S Pn 05 05 31.1 -1.1

425A	Indio Mountain	17.13 329	P	Pn	05 08 57.1+0.2
325A	Bear Ranch, Si	17.61 330	↑P	Pn	05 09 02.7 -0.1
226A	Malaga	17.79 333	↑P	Pn	05 09 06.2 +1.2
CLNB	Carlsbad	17.87 334	ePn	Pn	05 09 06.0 0.0
324A	Moseley Ranch,	17.91 329	↑P	Pn	05 09 06.4 -0.1
127A	Arkansas Junct	18.02 336	↑P	Pn	05 09 07.2 -0.6
GDL2	Guadalupe Moun	18.02 333	ePn	Pn	05 09 07.9 +0.1
MINX	Cornudas Moun	18.07 330	P	Pn	05 09 07.6 -0.9
MNTX	Cornudas Mount	18.07 330	ePn	Pn	05 09 07.3 -1.1
225A	Deer Hill, Car	18.15 332	P	Pn	05 09 09.8 +0.4
MIAR	Mount Ida	18.16 3	eP	Pn	05 09 08.8 -0.6
126A	Clayton Basin,	18.26 334	P	Pn	05 09 10.1 -0.7
224C	Cornudas Mount	18.45 330	P	Pn	05 09 11.8 -1.2
UALR	University of	18.49 6	ePn	Pn	05 09 12.2 -1.2
CPRX	Cap Rio	18.54 335	eP	Pn	05 09 13.1 -1.0
Z27A	Tatum	18.54 337	↑P	Pn	05 09 12.7 -1.3
125A	Gardner Draw,	18.54 333	P	Pn	05 09 13.2 -0.9
WMOK	Wichita Mounta	18.67 350	eP	Pn	05 09 13.5 -2.1
Z26A	Caprock	18.79 335	P	Pn	05 09 15.4 -1.7
124A	Stringfield Ra	18.94 331	P	Pn	05 09 18.2 -0.6
MSTX	Muleshoe	18.97 339	P	Pn	05 09 18.6 -0.6
Y27A	Causey	19.03 338	↑P	Pn	05 09 19.0 -0.9
Z25A	Roswell	19.10 334	P	Pn	05 09 18.9 -1.9
123A	Gelt Site, Whi	19.27 329	↑P	Pn	05 09 21.2 -1.6
222A	Williams Famil	19.27 327	↑P	Pn	05 09 21.0 -1.8
Z24A	Sheepers Canyo	19.43 332	P	Pn	05 09 23.7 -0.9
AMTX	Amarillo	19.47 343	↑P	Pn	05 09 23.9 -1.2
AMTX	Amarillo	19.47 343	eP	Pn	05 09 23.0 -2.2
320A	Kipp Ranch, An	19.48 322	↑P	Pn	05 09 23.9 -1.4
Y25A	Mesa, Roswell	19.65 335	P	Pn	05 09 26.3 -1.0
X27A	F and S Farms,	19.70 339	P	Pn	05 09 25.9 -2.0
Z23A	Rita Site, Whi	19.77 331	↑P	Pn	05 09 27.5 -1.2
220A	Playas Peak, P	19.90 324	↑P	Pn	05 09 28.9 -1.4
Y24A	Capitan	19.96 333	P	Pn	05 09 29.6 -1.4
121A	Cookes Peak, D	19.96 326	↑P	Pn	05 09 29.6 -1.5
W27A	Bowe Ranch, En	20.06 340	P	Pn	05 09 29.3 -0.6
Z22A	Elephant Butte	20.11 329	P	Pn	05 09 30.8 +0.3
Y23A	Lovelace Mesa,	20.24 332	P	Pn	05 09 32.3 +0.4
219A	White Tail Can	20.39 322	P	Pn	05 09 34.0 +0.4
318A	Bisbee	20.43 320	P	Pn	05 09 34.7 +0.7
120A	U Bar Ranch, L	20.44 325	↑P	Pn	05 09 34.9 +0.9
Z21A	St. Cloud Moun	20.51 328	P	Pn	05 09 35.6 +0.8
Y22A	Socorro	20.67 330	P	Pn	05 09 37.1 +0.6
BNM	Barret	20.68 331	eP	Pn	05 09 36.9 +0.2
W25A	X Bar L Ranch,	20.69 337	P	Pn	05 09 37.2 +0.5
LPM	Los Pinos Moun	20.82 331	↑P	Pn	05 09 38.8 +0.6
218A	Dragon	20.84 321	↑P	Pn	05 09 39.1 +0.7
Z20A	Nine Sixteen R	20.84 326	P	Pn	05 09 39.1 +0.8
X23A	Hourglass Bar	20.85 333	P	Pn	05 09 39.1 +0.7
LENM	Lemitar	20.86 331	eP	Pn	05 09 38.9 +0.4
V26A	Tequesquite Ra	20.97 339	P	Pn	05 09 39.9 +0.2
119A	Ashepeak Ranch,	20.98 324	P	Pn	05 09 41.0 +1.1
W24A	Lazy 6 Ranch,	21.06 335	↑P	Pn	05 09 41.1 +0.5
Y21A	Point of Rocks	21.07 329	↑P	Pn	05 09 42.0 +1.1
Z21A	Ladron	21.10 331	↑P	Pn	05 09 41.4 +0.1
217A	Green Valley	21.18 319	P	Pn	05 09 42.2 +0.2
118A	Homack Ranch,	21.27 322	↑P	Pn	05 09 43.4 +0.4
ANMO	Albuquerque	21.28 333	P	Pn	05 09 42.0 -1.0
ANMO	Albuquerque	21.28 333	eP	Pn	05 09 42.7 -0.3
V25A	Rancho No Teng	21.30 338	P	Pn	05 09 43.8 +0.5
W23A	Werner Place,	21.32 334	P	Pn	05 09 44.2 +0.7
Y20A	Horse Springs,	21.35 328	P	Pn	05 09 45.0 +1.2
V24A	Rampart Ranch,	21.45 336	↑P	Pn	05 09 45.7 +0.8
X21A	Alamocita Cree	21.48 329	P	Pn	05 09 46.1 +1.0
U26A	Atchley Ranch,	21.50 340	↑P	Pn	05 09 45.7 +0.3
TUC	Tucson	21.52 320	eP	Pn	05 09 45.8 +0.1
TKL	Tucklechee C	21.60 25	P	Pn	05 09 45.0 -1.5
U25A	Circle Dot Ran	21.73 334	P	Pn	05 09 48.4 +0.5
V23A	Ortiz Mt. (NFS	21.84 339	P	Pn	05 09 50.4 +1.4
Y19A	Nutria	21.84 326	P	Pn	05 09 50.3 +1.2
CCM	Cathedral Cave	21.86 8	eP	Pn	05 09 47.0 -2.1
X20A	Quemado	21.91 328	P	Pn	05 09 51.0 +1.3
Z17A	San Carlos Hig	22.04 323	↑P	Pn	05 09 51.9 +0.7
U24A	Moreno Valley	22.06 337	↑P	Pn	05 09 52.4 +1.1
Y18A	Canyon Day Jun	22.14 324	↑P	Pn	05 09 52.1 -0.1
X19A	St. Johns	22.22 327	P	Pn	05 09 54.1 +1.0
V22A	San Miguel Ran	22.29 333	↑P	Pn	05 09 54.0 +0.2
U23A	El Rito	22.34 335	P	Pn	05 09 55.0 +0.7
W20A	Ramah	22.37 329	↑P	Pn	05 09 55.8 +1.1
T25A	Trinidad	22.40 339	↑P	Pn	05 09 56.1 +1.2
Y17A	Roosevelt	22.54 323	↑P	Pn	05 09 57.8 +1.3
T24A	Torres, Weston	22.52 338	P	Pn	05 09 57.7 +1.0
Z16A	Peralta Trail,	22.63 321	P	Pn	05 09 58.0 +0.5
X18A	Snowflake	22.65 326	↑P	Pn	05 09 58.2 +0.5
U22A	Llaves	22.66 334	P	Pn	05 09 58.2 +0.5
OTAV	Otavallo	22.71 133	eP	Pn	05 10 00.9 +2.5

4.3nm,0.9s,mb3.9	KSU1	Kansas State	22.73 356	eP	P	05 09 57.5 -0.9
	CBK5	Cedar Bluff	22.81 350	eP	P	05 09 59.0 -0.2
	CBK5	Cedar Bluff	22.81 350	eP	P	05 09 58.6 -0.6
	S25A	Roberts Cordova	22.88 340	↑P	P	05 10 00.4 +0.4
	T23A	Casias Ranch,	22.90 336	↑P	P	05 10 00.5 +0.3
	V20A	Brimhall	22.90 330	P	Pn	05 10 00.7 +0.4
	U21A	Nageezi	23.05 333	P	Pn	05 10 02.4 +0.6
	ROSC	El Rosal	23.09 117	P	Pn	05 10 02.2 -0.3
	ROSC	El Rosal	23.09 117	eP	P	05 10 03.3 +0.8
	S24A	Houchin Ranch,	23.13 339	↑P	P	05 10 03.5 +0.9
	T22A	Edith	23.22 335	P	Pn	05 10 04.2 +0.7
	R25A	Fountain Ranch	23.28 341	P	Pn	05 10 04.9 +0.9
	SDCO	Great Sand Dun	23.32 338	P	Pn	05 10 04.7 +0.2
	SDCO	Great Sand Dun	23.32 338	eP	Pn	05 10 04.6 +0.1
	U20A	Newcomb	23.39 331	P	Pn	05 10 05.1 0.0
	X16A	Lo Mia Camp, P	23.40 323	↑P	Pn	05 10 05.6 +0.3
	T21A	Navajo Lake	23.46 334	↑P	Pn	05 10 06.3 +0.6
	S23A	Nye Farm, Mont	23.47 337	↑P	Pn	05 10 06.2 +0.4
	V18A	Ganado	23.55 328	↑P	Pn	05 10 06.8 +0.2
	Y15A	Casa Rosa Ranc	23.60 321	↑P	Pn	05 10 07.7 +0.7
	R24A	Sanders Place,	23.62 339	↑P	Pn	05 10 07.6 +0.4
	A19A	Dine's College,	23.65 330	↑P	Pn	05 10 07.5 0.0
	S22A	4UR Ranch, Cre	23.82 336	↑P	Pn	05 10 09.2 +0.2
	X15A	Humboldt	23.91 322	↑P	Pn	05 10 09.8 -0.1
	Z13A	Yuma Proving G	23.92 318	↑P	Pn	05 10 09.4 -0.6
	V17A	Tonala, Kyukot	23.93 324	↑P	Pn	05 10 09.8 -0.2
	W16A	Flagstaff	23.94 324	↑P	Pn	05 10 10.5 +0.3
	Q25A	Bedland, Calha	23.97 342	P	Pn	05 10 10.6 +0.2
	Y14A	Wickenburg	23.99 320	↑P	Pn	05 10 10.6 -0.1
	T19A	Beclabito	24.00 331	↑P	Pn	05 10 10.1 -0.6
	S21A	Coal Bank Pass	24.14 334	P	Pn	05 10 11.9 0.0
	R22A	Saguache, Gunn	24.21 337	↑P	Pn	05 10 13.6 +1.0
	X14A	Yavapai	24.29 321	↑P	Pn	05 10 13.6 +0.3
	Q24A	Divide	24.30 340	P	Pn	05 10 14.6 +1.2
	W15A	Williams	24.42 332	↑P	Pn	05 10 14.9 +0.4
	Q23A	Hartsel	24.48 339	↑P	Pn	05 10 16.0 +1.0
	P25A	Willow Gulch B	24.50 342	P	Pn	05 10 16.1 +1.0
	U16A	Tuba City	24.50 327	↑P	Pn	05 10 15.4 +0.1
	S20A	Disappointment	24.52 333	↑P	Pn	05 10 16.0 +0.6
	G1A	Llano	24.59 316	eP	Pn	05 10 16.1 0.0
	T18A	Mexican Hat	24.64 330	P	Pn	05 10 16.5 -0.1
	R21A	Williams	24.64 335	↑P	Pn	05 10 16.9 +0.4
	SDV	Santo Domingo	24.69 105	eP	Pn	05 10 14.4 -2.8
	S19A	Henry Farm, M	24.80 332	↑P	Pn	05 10 19.1 +1.2
	Q22A	Crested Butte,	24.83 337	↑P	Pn	05 10 18.4 +0.2
	V15A	Kalibat Nationa	24.83 325	↑P	Pn	05 10 18.7 +0.5
	R20A	Redvale	24.83 334	↑P	Pn	05 10 18.8 +0.5
	PV01	Paradox Valley	24.87 333	eP	Pn	05 10 18.8 +0.2
	W14A	Seligman	24.91 322	↑P	Pn	05 10 19.1 +0.1
	X13A	Yucca	24.94 320	↑P	Pn	05 10 19.0 +0.2
	SMCO	Snowmass	25.13 337	eP	Pn	05 10 21.4 +0.5
	S18A	Hurst Farm, BI	25.15 331	↑P	Pn	05 10 20.8 -0.3
	ISCO	Idola Springs	25.21 340	eP	Pn	05 10 21.9 +0.3
	DVTC	Desert V Tower	25.22 314	↑P	Pn	05 10 22.0 +0.2
	V14A	Boquillas Ranc	25.22 323	↑P	Pn	05 10 22.1 +0.3
	PV04	Paradox Valley,	25.23 333	eP	Pn	05 10 22.1 +0.3
	R19A	Curley Farm, L	25.30 333	eP	Pn	05 10 22.4 -0.1
	OGNE	Ogallala	25.31 347	eP	Pn	05 10 21.3 -1.2
	U15A	North Rim	25.34 325	↑P	Pn	05 10 23.2 +0.3
	BC3	Big Chuckawall	25.37 317	↑P	Pn	05 10 23.1 -0.1
	P22A	Eagle	25.42 338	↑P	Pn	05 10 25.4 +1.8
	Q23A	Lake Granby, G	25.68 340	↑P	Pn	05 10 28.3 +2.4
	U14A	Mt Trumbull	25.82 324	↑P	Pn	05 10 27.6 +0.3
	T15A	Red Dirt Ranch	25.82 326	↑P	Pn	05 10 27.4 +0.2
	Q19A	Hogan Spring (	25.85 333	↑P	Pn	05 10 27.4 -0.1
	S16A	Weppner Ranch,	25.95 328	↑P	Pn	05 10 27.9 +0.5
	P20A	De Beque	25.95 335	↑P	Pn	05 10 28.8 +0.4
	R17A	Hanksville Air	26.07 331	↑P	Pn	05 10 28.9 -0.5
	V12A	Nelson	26.32 321	↑P	Pn	05 10 31.6 -0.2
	PHWY	Pilot Hill	26.52 342	eP	Pn	05 10 33.0 -0.5
	CCUT	Cedar Mt	26.74 326	eP	Pn	05 10 35.9 +0.4
	JFWS	Jewell Farm	26.77 7	eP	Pn	05 10 34.3 -1.4
	ECSO	EROS Data Cent	27.35 357	eP	Pn	05 10 39.7 -1.2
	SJG	Sat Jan	27.40 82	LR	LR	05 20 08.7
	MPMC	Manual Propan	27.41 319	↑P	Pn	05 10 48.1 -0.2
	R11A	Tro Canyon, C	28.54 324	↑P	Pn	05 10 51.8 +0.2
	S10A	Tonopah Range,	28.83 322	↑P	Pn	05 10 54.5 +0.4
	Q11A	Duckwater	28.93 325	↑P	Pn	05 10 55.5 +0.5
	PDAR	Pinedale Array	29.21 337	P	Pn	05 10 55.9 -1.6
	K18A	Toltan Ranch,	29.28 337	↑P	Pn	05 10 58.5 +0.4
	L14A	Malta	30.11 332	P	Pn	05 11 05.6 +0.1
	J17A	Brown Place, J	30.16 337	↑P	Pn	05 11 06.0 +0.1
	NVAR	Nevada Array Bea	30.17 321	P	Pn	05 11 06.7 +0.7
	NVAR	Mina Array Bea	30.17 321	P	Pn	05 11 06.7 +0.7
	REDW	Red Top Meadow	30.21 336	eP	Pn	05 11 06.5 +0.2
	SNOW	Snow King Moun	30.26 337	eP	Pn	05 11 06.8 0.0

10nm,1.0s,mb4.5	LOHW	Long Hollow	30.33 337	eP	P	05 11 07.4 +0.1
	TPAW	Teton Pass	30.36 336	eP	P	05 11 07.9 +0.3
	H18A	Hoshone NF, C	30.91 339	P	Pn	05 11 12.4 -0.1
	EYMN	Ely	31.63 4	eP	Pn	05 11 16.6 -2.2
	HLID	Hailey	31.85 332	↑P	Pn	05 11 20.6 -0.2
	HLID	Hailey	31.85 332	eP	Pn	05 11 20.





Table with columns: GUMO, WRA, WRA, ASAR, ASAR, MKAR. Includes station names, coordinates, and times.

NIED 10 10:03:00.35:00N.137:50E, h38km, Mw3.8 Best double couple: Ms=2.7000, 0.014, NP1=0.352, 0.0000, s88.00000, 1-152.00000, NP2=0.355, 0.0000, s62.00000, 1-3.00000.

IDC 10 10:03:13.9:1.8, 34:88N-137:30E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.3/24, mbtm3.6/3, ML3.7/1, Error ellipse: s-maj=38.9km s-min=26.0km az=30.0

ISCJB 10 10:03:18.2:0.4, 34:92N-137:48E:0.03, h41km, 7km, mb3.2/2, Error ellipse: s-maj=5.8km s-min=4.3km az=151.6

JMA 10 10:03:18.3, 34:99N-137:48E, h38km, M3.7 Broadband fault plane solution: P waves, NP1=0.352, 0.0000, s60.00000, 1-2.00000, NP2=0.261, 0.0000, s88.00000, 1-150.00000, Principal P1 P2 P3 T P4 Azm21.2, 0.0000, N P160.0000, Azm77.0000, P P19.0000, Azm310.0000;

NEIC 10 10:03:18.3, 34:99N-137:48E, h38km, MG3.7(JMA), After JMA.

ISC 10 10:03:18.7:0.5, 34:93N-137:48E:0.04, h32km, 4km, n17, c076/30, mb3.2/2, 3C-3D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Hamamatsu 2, Yoshizawa, Shizuoka 3, etc.

ISCJB 10 10:15:21.0:0.5, 7:48S:0:05:30:49E:0:10, h10km, mb4.2/10, MS3.5/3, Error ellipse: s-maj=14.8km s-min=6.1km az=16.9

IDC 10 10:15:22.0:0.9, 7:45S:30:50E, h0km, mb4.1/7, mb1 4.2/9, mb1mx4.0/18, mbtm4.2/9, ML2.9/1, MS3.7/6, M1 3.7/6, mb1mx3.3/42, Error ellipse: s-maj=32.3km s-min=19.9km az=109.0

NEIC 10 10:15:23.0:0.5, 7:46S:30:45E, h10km, mb4.5/1, Error ellipse: s-maj=15.9km s-min=8.5km az=109.0

ISC 10 10:15:23.0:0.5, 7:47S:0:05:30:48E:0:09, h10km, n31, c124/29, mb4.2/10, MS3.5/3, 1D, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Mbarara, Lusakata, Kilima Mbogo, etc.

Table with columns: CVNA, SUR, DBIC, BRTR, SYO, MAW, MKAR, MKAR, ZALV, ARCS, SONM, ASAR, WRA. Includes station names, coordinates, and times.

ISCJB 10 10:15:49.0:0.7, 37:06N:0:04:30:11E:0:05, h12km, 8km, Error ellipse: s-maj=7.4km s-min=7.1km az=156.7

ISK 10 10:15:48.3, 37:02N:30:09E, h23km, MD2.7

CSEM 10 10:15:49.1:0.2, 37:04N:30:09E, h15km, MD3.1, Error ellipse: s-maj=6.2km s-min=5.3km az=152.0

DDA 10 10:15:51.8, 37:19N-29:86E, h7km, 6km, MD3.1

ISC 10 10:15:49.2:0.7, 37:05N:0:05:30:11E:0:05, h18km, 7km, n16, c080/23, Turkey

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

IDC 10 10:18:36.3:7.6, 15:77S-173:38W, h55km, 103km, mb3.3/3, mb1 3.5/4, mb1mx3.3/20, mbtm3.3/4, ML1.1/1, Error ellipse: s-maj=90.8km s-min=55.5km az=123.0, Tonga Islands

AFI 2.41am 2.41 40 Op P ISC h m s ISC 19 13.9 +0.6

AFI 11m, 0.3s, baz=225, slow=12, SNR=10

STKA Stephens Creek 43.86 240 P P 10 26 36.1 -1.4

WRA Warramunga Arr 49.78 257 P P 10 27 24.3 +0.5

ASAR Alice Springs 50.02 252 P P 10 27 25.9 +0.3

NCC 10 10:21:27.0:0.5, 49:19N:76:20E, h0km, mb3.5, mpv3.1, 14C-5D, Error ellipse: s-maj=5.1km s-min=4.7km az=133.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KURK, MK31, VOSK, BRVK, ZRNK, TKM2, KK31, etc.

ISCJB 10 10:36:29.8:0.9, 59:05S:0:2:150:6W:0:2, h10km, mb4.0/9, MS4.0/4, Error ellipse: s-maj=25.4km s-min=17.2km az=9.4

IDC 10 10:36:30.1:1.0, 59:07S:150:40W, h0km, mb3.9/6, mb4.0/6, mb1mx3.9/13, mbtm3.9/6, MS4.1/4, M1 4.1/4, mb1mx3.6/32, Error ellipse: s-maj=45.2km s-min=21.3km az=10.0

NEIC 10 10:36:31.7:0.9, 59:02S:150:61W, h10km, mb4.2/2, Error ellipse: s-maj=25.8km s-min=17.9km az=9.0

ISC 10 10:36:31.9:0.9, 59:05S:0:2:150:6W:0:2, h10km, n19, c093/11, mb4.0/9, MS4.0/4, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Scott Base, Urewera, GQSA, QGSA, TBI, RKT, PMSA, GARL, etc.

Table with columns: CASEY, PPT, PPT, DZM, TAOE, STKA, ASAR, WRA, CPUP, LPAZ, MKAR. Includes station names, coordinates, and times.

KISR 10 10:44:02.7:0.3, 32:29N:47:07E, h34km, ML2.9

ISCJB 10 10:44:06.7:1.8, 32:33N:0:04:47:43E:0:04, h4km, 11km, Error ellipse: s-maj=5.9km s-min=5.4km az=39.5

TEH 10 10:44:09.3, 32:33N:47:42E, h11km

ISC 10 10:44:07.2:2.2, 32:33N:0:04:47:41E:0:04, h0km, 14km, n12, c150/20, Iran-rqf border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Komasi, Ghaleghazi, Veis, Mutribah, etc.

WEL 10 10:52:50.6:0.3, 37:46S:177:19E, h5km, ML3.6/9, Error ellipse: s-maj=2.5km s-min=1.8km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like White Island, Ohinepanea, Tauranga, etc.

IDC 10 10:54:11.1:2.4, 17:22S:69:60W, h128km, 22km, mb3.8/13, mb1 4.0/15, mb1mx3.9/21, mbtm3.9/15, Error ellipse: s-maj=19.8km s-min=12.1km az=61.0, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like La Paz, LPAZ, SIV, NNA, CFAA, BDFB, PLCA, CMIG, TXAR, SNAE, DBIC, PDAR, ULM, NVAR, GQSA, YKA, MAW, DLBC, ASAR, WRA, MKAR, SONM, etc.

10d 11h

Germany
Code Station Name Az Phase ID Time Res
KSP Ksiaiz 2.34 74 ePg
KSP Molin 2.61 157 lISg
MOA 9.0nm,0.5s
CONA Conrad Observa 3.10 137 jPn
CONA 11Pg
CONA 9.3nm,0.5s

BGS 10 11:00:21.8+1.6, 25.20N;56.35E, h12km, mb5.8, MS5.8
BUJ 10 11:00:29.0, 27.02N;55.19E, h12km, mb6.3/55, mb5.8/66,
Ms6.3/77, Ms7.6/171

ISCJB 10 11:00:32.7-0.1, 26.77N;0.01;55.82E;0.01, h12km,
mb6.0/433, MS5.9/275, Error ellipse: s-maj=1.7km,
s-min=1.4km az=12.7

NEIC 10 11:00:34.1-0.1, 26.74N;55.83E, h12km, mb6.1/201,
ME5.8, MS6.0/190, MW6.0, MW5.8, MN6.0, MN6.0(TEH), Error
ellipse: s-maj=3.1km s-min=2.3km az=198.0 Broadband
fault plane solution: P waves. NP1=45.00000;
0.70.00000; 0.90.00000; NP2=225.00000; 0.20.00000;
0.90.00000; Principal axes: T Plg65.0000;
Az315.0000; N Plg0.0000; Azm0.0000; P
Plg25.0000; Azm135.0000; Moment Tensor Solution.
s115 Moment tensor: Scale 10^17 Nm; M1:5.58;
M2:-2.94; M3:-2.63; M4:-1.84; M5:-4.70; M6:1.20; Best
double couple: M7:10000;10^17; NP1=248.00000;
0.52.00000; 1.22.00000; NP2=23.00000; 0.48.00000;
1.56.00000; Principal axes: T 6.5800, Plg65.0000;
Az221.0000; Azm102.0000; Plg24.0000; Azm74.0000; P
-7.5100, Plg2.0000; Azm316.0000; Depth from
synthetics of broadband displacement seismograms.
Energy computed from BB mechanism.

NEIC Seven people killed and at least 30 injured in the Bandar
'Abbas area. Fifteen people injured on Jazireh-yeh Qeshm.
Many villages damaged in Hormozgan. Fault [IV] at Ajman
and Ra's al Khaymah; [III] at Abu Dhabi, Dubai and
Sharjah, United Arab Emirates. Also felt at Al 'Ayn and Al
Fuwayrah. Felt [II] at Doha, Qatar.

IGL 10 11:00:34.6, 26.83N;55.83E, h15km, mb5.7
PDA 10 11:00:34.7, 26.82N;55.83E, h15km, mb5.1
THR 10 11:00:35.1, 26.94N;55.72E, h7km, mb6.2, ML5.8
CSEM 10 11:00:35.0, 26.80N;55.87E, h16km, mb6.1/99, MS5.9,
Mw6.1, Error ellipse: s-maj=2.9km s-min=2.2km az=5.0

SFS 10 11:00:35.0, 26.88N;55.80E, h15km, ML6.1
TEH 10 11:00:35.3, 27.00N;55.83E, h10km
MOS 10 11:00:36.0, 26.87N;55.80E, h33km, mb6.1/110,
MS5.9/94, Error ellipse: s-maj=5.7km s-min=2.6km
az=125.6

SGS 10 11:00:36.5, 26.91N;55.64E, h0km
IDC 10 11:00:36.9, 1.6, 26.88N;55.90E, h27km; 10km, mb5.4/50,
mb1.5/454, mb1mx5.4/54, mbtmp5.4/54, ML5.2/3, MS5.8/28,
Ms1.5/923, ms1mx5.6/35, Error ellipse: s-maj=8.0km
s-min=7.3km az=129.0

GCMT 10 11:00:38.4, 0.1, 26.65N;55.72E, h12km, MW6.1, Moment
Tensor Solution. s99.c196; s81.c108; Moment tensor:
Scale 10^18Nm; Mr1.34±0.1; Mw-1.35±0.1; Ms0.01±0.1;
Mw0.72±0.04; Mw0-0.91±0.01; Mw0.19±0.04; Best double
couple: M1:7.00000;10^18; NP1=234.00000; 0.33.00000;
1.76.00000; NP2=71.00000; 0.58.00000; 0.99.00000; N
Principal axes: T 1.5200, Plg75.0000; Azm7.0000; N
0.4400, Plg8.0000; Azm246.0000; P -1.9600,
Plg12.0000; Azm154.0000; Data Used: II U CN IC G.
Surface waves: sls=102, comp=24.7, sls=50

OMAN 10 11:00:38.1, 26.94N;56.08E, h36km, 99gkm Error
ellipse: s-maj=84.1km s-min=11.9km az=356.0
DJA 10 11:00:42.26; 97N;55.79E, h67km, Mw6.5/20
SZGRF 10 11:00:57.4, 28.04N;53.20E, h33km, mb5.8, MS5.7,
Southern Iran

ISC 10 11:00:34.5-0.1, 26.77N;0.01;55.83E;0.01, h12km,
(h16km, 9km, pp-C10), p2692, r1911/2646, mb6.0/433,
MS5.9/275, 301-C9D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from BNSD to IMEH.

2008 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from IMEH to IRAZ.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from IRAZ to ASF.



Main table containing flight data with columns for flight number, airline, time, status, and other details. Includes sub-sections for GONE, MKAR, and various airline codes like AAA, AAL, etc.

SVE	comp=Z,30um,16.0s	eS	S	11 11 44.8 +0.9	BUR08 Bucovina Ar. S	31.76 319	eP	P	11 06 58.1 -0.3	comp=Z,17um,21.0s,MS5.8	KWP Kalwaria Pacla	34.19 321	iP	P	11 07 19.8 +0.2
GUR Goura	30.25 300	eP	P	11 06 45.7 +0.5	BUR08		eS	S	11 12 04.9 -3.2	KWP Kalwaria Pacla	34.19 321	eP	P	11 07 19.6 0.0	
GUR Goura	30.25 300	P	P	11 06 44.4 -0.8	NEST Nestorio	31.79 304	P	P	11 06 58.8 0.0	KWP Kalwaria Pacla	34.19 321	eP	P	11 07 19.6 0.0	
GUR Goura	30.25 300	P	P	11 06 44.4 -0.8	NEST Nestorio	31.79 304	P	P	11 06 58.8 0.0	KWP Kalwaria Pacla	34.19 321	eP	P	11 07 19.6 0.0	
MLR Muntele Rosu	30.27 316	iP	P	11 06 47.6 +2.3	MOS Moscow	31.81 340	eP	P	11 06 57.9 -0.8	BRV Bratogost	34.26 308	iP	P	11 07 19.4 -0.5	
MLR Muntele Rosu	30.27 316	P	P	11 06 46.6 +1.3	MOS Moscow		e		11 08 05.7	BRV Bratogost	34.26 308	iP	P	11 07 19.5 -0.8	
TESR	30.34 318	iP	P	11 06 45.8 -0.1	MOS Moscow	comp=Z,2um,2.4s,mb6.5	e	PPPP	11 08 16.7	IMP Imphal	34.28 85	ePKP	P	11 07 23.0 +2.2	
TESR	30.34 318	iP	P	11 06 45.8 -0.1	MOS Moscow		eS	S	11 12 07.2 -1.5	IMP Imphal	34.28 85	ePKP	P	11 07 23.0 +2.2	
HORT Hortiatis	30.34 305	P	P	11 06 46.3 +0.3	MOS Moscow	comp=Z,577nm,2.0s,mb6.1	eS	SS	11 13 59.7 -2.5	LSRT Sirt	34.43 287	iP	P	11 07 23.8 +1.8	
HORT Hortiatis	30.34 305	P	P	11 06 46.3 +0.3	MOS Moscow		eSSS	SS	11 14 24.3	LSRT Sirt	34.43 287	iP	P	11 07 23.8 +1.8	
HORT Hortiatis	30.34 305	P	P	11 06 46.3 +0.3	MOS Moscow		eSSS	SS	11 14 24.3	LSRT Sirt	34.43 287	iP	P	11 07 23.8 +1.8	
ITM Ithomi	30.43 298	P	P	11 06 46.5 -0.4	MOS Moscow		eSSS	SS	11 14 24.3	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
ITM Ithomi	30.43 298	P	P	11 06 46.5 -0.4	MOS Moscow		eSSS	SS	11 14 24.3	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
ITM Ithomi	30.43 298	P	P	11 06 46.5 -0.4	MOS Moscow		eSSS	SS	11 14 24.3	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
ITM Ithomi	30.43 298	P	P	11 06 46.5 -0.4	MOS Moscow		eSSS	SS	11 14 24.3	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
AGG Agios Georgios	30.50 302	eP	P	11 06 47.0 -0.4	MOS Moscow	comp=Z,2um,2.4s,mb6.5	e	PPPP	11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
AGG Agios Georgios	30.50 302	P	P	11 06 46.8 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
AGG Agios Georgios	30.50 302	P	P	11 06 46.8 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KALE Kalitheia	30.50 301	P	P	11 06 46.6 -0.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KALE Kalitheia	30.50 301	P	P	11 06 46.6 -0.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PYL PYLOS	30.53 298	eP	P	11 06 47.1 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PYL PYLOS	30.53 298	P	P	11 06 46.8 -0.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PYL PYLOS	30.53 298	P	P	11 06 46.8 -0.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
TRIZ Trizonia	30.55 301	P	P	11 06 47.2 -0.7	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
TRIZ Trizonia	30.55 301	P	P	11 06 47.2 -0.7	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PALK Pallekele	30.57 125	eP	P	11 06 51.6 +3.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PALK Pallekele	30.57 125	eP	P	11 06 51.6 +3.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
PALK Pallekele	30.57 125	eP	P	11 06 51.6 +3.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LAKA Lakka	30.59 300	P	P	11 06 48.2 -0.1	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LAKA Lakka	30.59 300	P	P	11 06 48.2 -0.1	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LIT Litokhoron	30.65 304	eP	P	11 06 48.9 +0.2	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LIT Litokhoron	30.65 304	eP	P	11 06 48.9 +0.2	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LIT Litokhoron	30.65 304	eP	P	11 06 48.9 +0.2	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
LIT Litokhoron	30.65 304	eP	P	11 06 48.9 +0.2	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KNT Kendrikon	30.69 306	P	P	11 06 49.1 +0.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KNT Kendrikon	30.69 306	P	P	11 06 49.1 +0.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KNT Kendrikon	30.69 306	P	P	11 06 49.1 +0.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
KNT Kendrikon	30.69 306	P	P	11 06 49.1 +0.4	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
EFP Efpalio	30.69 301	eP	P	11 06 48.5 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
EFP Efpalio	30.69 301	eP	P	11 06 48.5 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
EFP Efpalio	30.69 301	eP	P	11 06 48.5 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
EFP Efpalio	30.69 301	eP	P	11 06 48.5 -0.6	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
UPR University Cam	30.75 300	P	P	11 06 46.8 -2.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
UPR University Cam	30.75 300	P	P	11 06 46.8 -2.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
UPR University Cam	30.75 300	P	P	11 06 46.8 -2.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
UPR University Cam	30.75 300	P	P	11 06 46.8 -2.9	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
VOIR VOIR	30.80 315	iP	P	11 06 50.5 +0.5	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
VOIR VOIR	30.80 315	iP	P	11 06 50.5 +0.5	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
VOIR VOIR	30.80 315	iP	P	11 06 50.5 +0.5	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
VOIR VOIR	30.80 315	iP	P	11 06 50.5 +0.5	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11 06 57.9 -0.8	NVS Novosibirsk	34.45 28	iP	P	11 07 19.9 -1.9	
WMQ Urumqi	30.82 48	P	P	11 06 51.0 +0.8	MOS Moscow		e		11						

Table with columns: LIKS, Likavka, 36.02 318 eP, P, 11 07 35.6 +0.2, comp=Z,74nm,1.0s,mb5.4

Table with columns: OFFI, Offida, 37.73 306 P, P, 11 07 51.2 +1.1, comp=Z,74nm,1.0s,mb5.4

Table with columns: MEF, Metsahovi, 39.73 336 ePP, PP, 11 09 41.1 +3.3, SNR=44





Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like IRK Irukutsi, WLF Waferdange, WLF Waferdange, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SNF Senefte, TAM Tamnassret, TAM Tamnassret, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like RESF Ens, STOK Stokkvaagen, STOK Stokkvaagen, etc.



10d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like MDT, Lijar, Kota Tinggi, Jimena Fronter, etc.

2008 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like PESTR Estremoz, PVIS Visou, PCAB Cabril, etc.

420

Table with columns for station name, frequency, power, and signal strength. Includes stations like PMAFR Mafra, DL2 Dalian, COCO West Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tsumeb, Sibub, ERPM, LBTB, YAK, KLOOF, BTM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DBIC, XMISS, KKM, KIC, SCO, TIC, KDM, CFTV, LIC, KLR, PMPS, SDKM, FUL, KSD, BOSA, EIOSO, EBAJ, MYLDM, CCAN, HABR, JOU, HVD, JNU, PKA, CHIE, SOE, GRM, SUMG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUMG, ALE, KOMG, CVNA, BART, PSMM, SUR, CMLA, PDA, BBTS, ADH, DAV, MAJO, MJAR, MJAR, YSS, CER, PMAN, KAPI, SEY, PID, ROSA, ROSA, ASAJ, ASAJ, ASAJ, HOR, PCED, CALA, CALA, ERM, SFJD, YUK, YUK, YUK, BILL, BILL, BILL, BILL, BILL, BILL, etc.





JCW	Jim Creek	105.35 358	ePdif	Pdif	11 14 42.5	-0.9
C13A	Hot Springs	105.39 353	∪Pdif	Pdif	11 14 44.4	+0.8
C11A	Tepee Creek (N)	105.39 354	∪Pdif	Pdif	11 14 41.8	-1.7
D17A	Six Diamond Ra	105.42 351	∪Pdif	Pdif	11 14 39.1	-4.6
ECSD	EROS Data Cent	105.42 340	ePKPdf	PKIKP	11 18 58.0	+0.6
ECSD						
C12B	Naegeli Ranch,	105.45 354	∪Pdif	Pdif	11 14 39.6	-4.2
HDIL	Hopedale	105.59 333	PFAKE	LR	11 19 10.0	+12
E20A	Meyer Farm, Mu	105.64 349	∪Pdif	Pdif	11 14 38.3	-6.3
SLMT	Seeley Lake	105.70 352	ePdif	Pdif	11 14 45.6	+0.7
E19A	Rath Farm, Rou	105.79 349	∪Pdif	Pdif	11 14 40.6	-4.7
BBGH	Gun Hill	105.80 294	PFAKE	LR	11 19 10.0	+11
D14A	Greenough	105.86 352	∪Pdif	Pdif	11 14 41.3	-4.3
ETW	Entiat	105.89 357	ePdif	Pdif	11 14 45.7	0.0
D13A	Huson	105.96 353	∪Pdif	Pdif	11 14 41.3	-4.7
HRY	Holler Researc	106.02 351	ePdif	Pdif	11 14 44.4	-1.9
OD2	Odessa Site #2	106.02 356	ePdif	Pdif	11 14 44.9	-1.4
D12A	Red Ives Fores	106.09 354	∪Pdif	Pdif	11 14 40.5	-6.1
SNAA	Sanac	106.14 196	PKIKP	PKIKP	11 18 57.1	-0.7
MSO	Missoula	106.16 353	ePKPdf	PKIKP	11 18 58.0	-0.7
MSO						
NLWA	Neilton Lookou	106.18 360	ePKPdf	PKIKP	11 19 03.0	+4.3
NLWA						
FDf	Fort de France	106.22 296	PFAKE	LR	11 19 10.0	+10
WCI	Wyandotte Cave	106.24 330	PFAKE	LR	11 19 10.0	+11
HNR	Honiara	106.74 92	PFAKE	LR	11 19 10.0	+9.4
BOZ	Bozeman (W)	107.03 351	PFAKE	LR	11 19 10.0	+10
HAWA	Hanford	107.06 357	ePKPdf	PKIKP	11 19 03.7	+3.3
RSSD	Black Hills	107.08 345	PFAKE	LR	11 19 10.0	+10
TKL	Tuckaleechee C	107.13 326	Pdif	Pdif	11 14 51.5	+0.3
TKL						
TKL	Tuckaleechee C	107.13 326	Pdif	Pdif	11 14 51.5	+0.3
TKL						
NHSC	New Hope	107.24 322	PFAKE	LR	11 19 10.0	+8.9
CAN	Canberra	107.35 121	PFAKE	LR	11 19 10.0	+8.9
DLMT	Dillon	107.44 351	ePdif	Pdif	11 14 56.5	+3.9
LKWY	Lake	107.90 350	PFAKE	LR	11 19 10.0	+8.0
GRGR	Grenville	108.06 294	PFAKE	LR	11 19 10.0	+7.0
SJG	San Juan	108.18 302	PFAKE	LR	11 19 10.0	+6.8
HOOD	Mount Hood Mea	108.22 358	ePKPdf	PKIKP	11 19 03.1	+0.5
FLWY	Flagg Ranch	108.42 350	ePdif	Pdif	11 14 58.8	+1.8
CCM	Cathedral Cave	108.51 333	PFAKE	LR	11 19 10.0	+6.7
IMW	Indian Meadow	108.64 350	ePdif	Pdif	11 15 01.6	+3.6
WVT	Waverly	108.67 330	PFAKE	LR	11 19 10.0	+6.3
GOGA	Godfrey	108.75 325	PFAKE	LR	11 19 20.0	+16
LOHW	Long Hollow	108.86 350	ePdif	Pdif	11 14 59.6	+0.7
COR	Corvallis	108.99 359	PFAKE	LR	11 19 20.0	+16
TPAW	Teton Pass	109.04 350	ePdif	Pdif	11 14 59.1	-0.6
REDW	Red Top Meadow	109.15 350	ePdif	Pdif	11 15 05.9	+5.7
HLID	Halley	109.44 352	PFAKE	LR	11 19 20.0	+15
BW06	Boulder Array	109.51 349	PFAKE	LR	11 19 20.0	+15
PDAR	Pinedale Array	109.51 349	PKIKP	PKIKP	11 19 04.8	-0.2
PDAR						
PDAR						
OGNE	Ogalla	109.56 342	PFAKE	LR	11 19 20.0	+15
J14A	Carey	109.57 352	∪PKIKP	PKIKP	11 19 05.6	+0.4
KSU1	Kansas State U	109.59 338	PFAKE	LR	11 19 20.0	+15
GRTK	Grand Turk	109.71 308	PFAKE	LR	11 19 20.0	+14
OXF	Oxford	110.72 330	PFAKE	LR	11 19 20.0	+12
LRAL	Lakeview Retre	110.81 327	PFAKE	LR	11 19 20.0	+12
CBKS	Cedar Bluff	110.87 340	PFAKE	LR	11 19 20.0	+12
WVOR	Wild Horse Val	110.95 356	PFAKE	LR	11 19 20.0	+12
HWUT	Hardware Ranch	110.97 350	ePKPdf	PKIKP	11 19 08.1	+0.2
SDDR	Presa de Saban	111.45 306	PFAKE	LR	11 19 20.0	+11
SPB	Sao Paulo	111.50 254	PFAKE	LR	11 19 20.0	+11
ISCO	Idaho Springs	111.55 345	PFAKE	LR	11 19 20.0	+11
MOD	Modoc	111.58 357	PFAKE	LR	11 19 20.0	+11
DWPF	Disney	111.72 320	PFAKE	LR	11 19 20.0	+10
YBH	Yreka Blue Hor	111.83 359	PFAKE	LR	11 19 20.0	+11
MIAR	Mount Ida	112.48 333	PFAKE	LR	11 19 20.0	+9.1

MIAR						
BRAL	Brewton	112.49 326	PFAKE	LR	11 19 20.0	+9.0
DUG	Dugway	112.54 351	PFAKE	LR	11 19 20.0	+9.1
BMN	Battle Mountai	112.83 354	PFAKE	LR	11 19 20.0	+8.6
WDC	Whiskeytown Da	112.98 359	PFAKE	LR	11 19 20.0	+8.3
VBMS	Vicksburg	113.15 329	PFAKE	LR	11 19 20.0	+7.7
SDCO	Great Sand Dun	113.47 344	ePKPdf	PKIKP	11 19 12.2	-0.6
GTBY	Guantanamo Bay	113.54 309	PFAKE	LR	11 19 20.0	+6.7
MVU	Marysville	114.11 350	PFAKE	LR	11 19 30.0	+16
WCN	Washoe City	114.14 356	ePKIKP	PKIKP	11 19 14.4	+0.4
WMOK	Wichita Moun	114.27 337	ePKIKP	MLR	11 19 12.3	-2.1
U25A	Circle Dot Ran	114.46 343	∪PKIKP	PKIKP	11 19 09.9	-4.8
HOPS	Hopland	114.57 359	PFAKE	LR	11 19 30.0	+15
NVAR	Mina Array Bea	114.91 355	PKP	PKIKP	11 19 16.2	+0.7
NVAR						
NVAR	Mina Array Bea	114.91 355	PKP	PKIKP	11 29 53.4	+1.0
WAKR	Walker	114.92 356	ePKPdf	PKIKP	11 29 53.4	+1.0
AMTX	Amarillo	115.09 340	ePKPdf	PKIKP	11 19 14.9	-1.0
AMTX						
T19A	Beclabito	115.15 347	∪PKIKP	PKIKP	11 19 14.9	-1.1
TPH	Tonopah	115.17 354	PFAKE	LR	11 19 30.0	+14
U21A	Nageezi	115.24 345	∪PKIKP	PKIKP	11 19 12.0	-4.1
S10A	Tonopah Range,	115.26 353	∪PKIKP	PKIKP	11 19 15.1	-1.0
V24A	Rampart Ranch,	115.33 343	∪PKIKP	PKIKP	11 19 12.8	-3.5
NATX	Nacogdoches	115.35 332	ePKPdf	PKIKP	11 19 16.3	-0.2
MCCM	Marconi Confer	115.41 359	PFAKE	LR	11 19 30.0	+14
CMB	Columbia Cole	115.44 357	ePKIKP	MLR	11 19 15.5	-1.0
U15A	North Rim	116.15 349	∪PKIKP	PKIKP	11 19 18.3	+0.3
U16A	Taba City	116.23 348	∪PKIKP	PKIKP	11 19 17.9	-0.1
U14A	Mt Trumbull	116.30 350	∪PKIKP	PKIKP	11 19 19.2	+1.0
ANMO	Albuquerque	116.37 344	PKP	PKPdf	11 19 19.1	+0.7
ANMO						
MTDJ	Mount Denham	116.37 310	PFAKE	LR	11 19 30.0	+11
V18A	Ganado	116.42 347	∪PKIKP	PKIKP	11 19 18.5	0.0
U13A	Pakoon Wash	116.42 351	∪PKIKP	PKIKP	11 19 17.7	-0.8
Y27A	Causey	116.47 341	∪PKIKP	PKIKP	11 19 17.4	-1.3
SHPR	Sheep Range	116.49 352	ePKPdf	PKPdf	11 19 19.0	+0.4
QSPA	South Pole Qui	116.62 180	PKP	PKPdf	11 19 17.0	-0.4
QSPA						
X23A	Hourglass Bar	116.65 343	∪PKIKP	PKIKP	11 19 19.4	+0.4
V17A	Tonalea, Kykot	116.67 348	∪PKIKP	PKIKP	11 19 18.8	-0.2
FURC	Furnace Creek,	116.72 353	∪PKIKP	PKIKP	11 19 19.3	+0.3
V15A	Kaibab Nationa	116.72 349	∪PKIKP	PKIKP	11 19 18.7	-0.3
SAO	San Andreas Ge	116.75 358	PFAKE	LR	11 19 30.0	+11
CWC	Cottonwood Cre	116.87 354	∪PKIKP	PKIKP	11 19 19.5	+0.2
Y25A	Mesa, Roswell	116.87 342	∪PKIKP	PKIKP	11 19 18.0	-1.4
DAC	Grand Canyon W	116.98 351	∪PKIKP	PKIKP	11 19 19.1	-0.5
DAC						
Z27A	Tatum	117.01 340	∪PKIKP	PKIKP	11 19 17.2	-2.5
LAZ	Ladron	117.06 344	ePKPdf	PKPdf	11 19 19.5	-0.2
V14A	Boquillas Ranc	117.06 350	∪PKIKP	PKIKP	11 19 20.5	+0.8
V14A	Capitan	117.07 343	∪PKIKP	PKIKP	11 19 16.6	-3.1
SDV	Santo Domingo	117.15 297	PFAKE	LR	11 19 30.0	+10
BNM	Barren Site	117.17 344	ePKPdf	PKIKP	11 19 19.9	0.0
MPMC	Manual Prospec	117.19 354	∪PKIKP	PKIKP	11 19 19.2	-0.7
Y23A	Lovelace Mesa,	117.23 343	∪PKIKP	PKIKP	11 19 19.0	-1.0
Z26A	Caprock	117.28 341	∪PKIKP	PKIKP	11 19 18.8	-1.4
DZM	Mont Duzumac	117.34 102	ePP	PP	11 20 33.1	+1.2
DZM						
DZM						
DZM						
HKT	Hockley	117.42 332	ePKIKP	PKIKP	11 19 19.4	-1.1
W14A	Seligman	117.47 350	∪PKIKP	PKIKP	11 19 21.0	+0.5
CPRX	Cap Rock	117.47 341	ePKPdf	PKIKP	11 19 20.1	-0.5
Z25A	Roswell	117.48 342	∪PKIKP	PKIKP	11 19 19.5	-1.1
Y21A	Point of Rocks	117.56 345	∪PKIKP	PKIKP	11 19 19.4	-1.4
X18A	Snowflake	117.56 347	∪PKIKP	PKIKP	11 19 20.4	-0.3
Z24A	Sheeppen Canyo	117.62 342	∪PKIKP	PKIKP	11 19 21.3	+0.5
Y20A	Hoore Springs,	117.82 345	∪PKIKP	PKIKP	11 19 21.9	+0.7
GSC	Goldstone	117.87 353	∪PKIKP	PKIKP	11 19 20.3	-1.0
GSC						
LDFC	Landfair	117.89 352	ePKPdf	PKIKP	11 19 20.9	-0.4
Z23A	Rita Site, Whi	117.91 343	∪PKIKP	PKIKP	11 19 22.2	+0.8
X17A	Forest Lakes	117.92 348	∪PKIKP	PKIKP	11 19 22.0	+0.6
X16A	Lo Mia Camp, P	117.96 348	∪PKIKP	PKIKP	11 19 22.2	+0.7

Y19A	Nutriosso	117.97 346	∪PKIKP	PKIKP	11 19 20.3	-1.2
125A	Gardner Draw,	118.05 341	∪PKIKP	PKIKP	11 19 20.1	-1.6
222A	Elephant Butte	118.10 344	PKIKP	PKIKP	11 19 22.3	+0.5
X14A	Yava	118.16 349	∪PKIKP	PKIKP	11 19 20.9	-1.0
X13A	Yucca	118.19 350	∪PKIKP	PKIKP	11 19 22.0	+0.1
Z11A	St. Cloud Mine	118.23 344	PKIKP	PKIKP	11 19 22.7	+0.7
124A	Stringfield Ra	118.23 342	PKIKP	PKIKP	11 19 22.2	+0.1
JOHN	Johnston Islan	118.28 51	PFAKE	LR	11 19 30.0	+7.5
GDLE	Guadalupe Moun	118.39 341	ePKPdf	PKIKP	11 19 21.4	-0.9
EDW2	Edwards Air Fo	118.41 354	∪PKIKP	PKIKP	11 19 21.3	-1.0
226A	Malaga, Loving	118.45 341	∪PKIKP	PKIKP</		

10d 11h

Table with columns: CUPUP, comp-Z, Pmax, pmax, TEIG, KIP, ROSC, FUNA, BCIP, POHA, RPZ, TGUH, MSVF, PMSA, APG, TRQA, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, KHZ, CMIG, SNZO, OTAV, URZ, URZ, USHA, USHA, CFAA, CFAA, ATAH, ATAH, LCO, LCO, NNA, NNA, AFI, AFI, PLCA, PLCA, PLCA, XMAS, XMAS, PPT, PPT, TAOE, TAOE, TBI, TBI, RPN, RPN, RKT, RKT, PTCN, PTCN

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

Table with columns: BRTR, ABKAR, ABKAR, AKTK, AKTK, AKTK, BVAR, BVAR, BVAR, ZALV, ZALV, VRAC, VRAC, JOF, JOF, JOF, BRG, BRG, BRG, BRG, BRG, DAVOX, DAVOX, HFS, HFS, SONM, SONM, SONM, NOA, NOA, ARCES, ARCES, ESCD, ESCD, MDT, MDT, MDT, MDT, SPITS, SPITS, SPITS, SPITS, LBTB, LBTB, KSRs, KSRs, KSRs, KSRs, DBIC, DBIC, BOSA, BOSA, BOSA, BOSA, FITZ, FITZ, FITZ, NWA0, NWA0, NWA0, NWA0, ILAR, ILAR, WRA, WRA, WRA, ASAR, ASAR, TXAR, TXAR

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

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

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

ISCJB 10 11:08:39.9.0.4.26.71N.0.04:55.82E.0.04, h10km, mb4.6/34, Error ellipse: s-maj=5.4km s-min=4.4km az=157.3

IDC 10 11:13:20.8.0.8.26.76N.56.05E, h0km, mb4.1/15, mb1.4/215, mb1mx1.125, mbtmp4.1/15, Error ellipse: s-maj=19.8km s-min=17.3km az=142.0

Table with columns: JMDO, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like Jabal Madar, ZHFS Zahedan, NASN Na'in, Umm Al-Rimmam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like Al-Naaiem, Mutribah, Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like IKLH Kolahrood, Umm Al-Rimmam, Al-Naaiem, etc.

ISC/JB 10 11:16:58.0-9.58:55.0:3:151:1W:0.3, h10km, mb4.5/7, MS5.2/6, Error ellipse: s-maj=42.5km s-min=19.4km az=10.6

ISC 10 11:16:58.0-9.58:55.0:3:151:1W:0.3, h10km, mb4.2/6, mb1.4/4.6, mb1mx3.3/1.3, mbtmp4.2/6, MS5.2/6, Ms1 5.2/6, ms1mx4.8/1.8, Error ellipse: s-maj=46.9km s-min=20.3km az=9.0

ISC 10 11:17:00.0-9.58:55.0:3:151:1W:0.3, h10km, n24, e127/10, mb4.5/7, MS5.2/6, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like GSPA South Pole Qui, TBI Tubuai, RKT Rikitea, etc.

OMAN 10 11:20:09.1-99.0:26:69N:56:03E, h12km, Error ellipse: s-maj=163.9km s-min=16.0km az=24.0

ISC/JB 10 11:23:10.9-0.8:26:51N:0:08:55.47E:0:09, h10km, mb3.6/4, Error ellipse: s-maj=13.2km s-min=9.6km az=42.1

ISC 10 11:23:18.2-15.0:27:25N:55:76E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.5/2.4, mbtmp3.8/4, Error ellipse: s-maj=304.0km s-min=39.7km az=179.0

ISC 10 11:23:12.6-0.8:26:43N:0:08:55.50E:0:09, h10km, n9, e108/11, mb3.6/4, 2D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like BANOM Banah, ASUD Al Ashush, Dub, ASHO Ashiyah.

ISC 10 11:26:37.5-3.9:26:60N:55:94E, h0km, mb3.9/6, ksk1.4/0.8, mb1mx3.7/2.8, mbtmp4.0/8, Error ellipse: s-maj=79.0km s-min=25.8km az=168.0

ISC/JB 10 11:26:40.1-1.1:26:89N:0:04:55:75E:0:05, h5km, gkm, mb3.9/7, Error ellipse: s-maj=7.7km s-min=5.7km az=162.5

CSEM 10 11:26:41.4-0.2:26:88N:55:80E, h2km, ML3.4, Error ellipse: s-maj=7.2km s-min=6.3km az=87.0

KISR 10 11:26:42.8-0.8:26:85N:55:21E, h5km, g99km, ML4.0, NEIC 10 11:26:44.0, 27:44N:55:83E, h1km, ML3.4(THR), After THR.

TEH 10 11:26:46.9:27:17N:55:78E, h8km, OMAN 10 11:26:42.0:99.0:26:29N:59:99E, h30km, Error ellipse: s-maj=27.4km s-min=2.7km az=347.0

ISC 10 11:26:42.2-1.3:26:89N:0:04:55:77E:0:05, h8km, gkm, n65, e122/84, mb3.9/7, 1C-1D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like BNSD Bandar-Abbas, IBND Bandar-Abbas, ASHO Ashiyah, etc.

CSEM 10 11:30:45.7-0.5:39:19N:17:10E, h30km, Error ellipse: s-maj=11.1km s-min=5.4km az=113.0

ROM 10 11:30:47.8-0.1:39:18N:17:13E, h22km, h22km, 1km, MI3.1/28, Error ellipse: s-maj=2.5km s-min=2.1km az=139.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, Azimuth Error, Elevation Error, Frequency Error, Polarization Error, SNR Error. Includes stations like LADO San Nicola del, SERS Sersale, GRI Girfalco, etc.

Table with columns: IBAF, Bulgheria - Ca, 1.62 304 Pg Pn, 11 31 15.7 +0.6

Table with columns: IBAF, Bafgh, 4.76 357 Pn Pn, 11 34 24.7 +1.4

Table with columns: EKS2, Erkin-Say, 21.55 38 eP P, 11 38 00.5 -0.5

BUI 10 11:33:07.4,27.12N;55.34E, h10km, mB5.5/16, mb4.8/35, Ms5.2/16, Ms7.5/15

Table with columns: IBAF, Bafgh, 4.76 357 Pn Pn, 11 34 24.7 +1.4

Table with columns: EKS2, Erkin-Say, 21.55 38 eP P, 11 38 00.5 -0.5

Table with columns: Code, Station Name, Delta A-Z, Phase ID, ISC, Time, Res, ISC

Table with columns: IBAF, Bafgh, 4.76 357 Pn Pn, 11 34 24.7 +1.4

Table with columns: EKS2, Erkin-Say, 21.55 38 eP P, 11 38 00.5 -0.5



Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like Eskdalemuir Ar, San Pablo, Midelt, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like Warramunga Arr, Warramunga Arr, Alice Springs, etc.

MOS 10 11:35:48.8, 1.6, 54.85N x 112.91E, h7km, mb4/2.1, Error ellipse: s-maj=31.2km s-min=20.1km az=125.5

BYKL 10 11:35:47.0, 3.5, 54.94N x 113.01E, 7C-3D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like Ulyun Khan, Ulyun Khan, Ulyun Khan, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like Kabansk, Khuramsha, Khapcheranga, etc.

ISCJB 10 11:45:26.4, 0.7, 39.25N x 0.03, 17.37E, h10km, Error ellipse: s-maj=5.8km s-min=3.3km az=26.3

CSEM 10 11:45:27.1, 0.5, 39.22N x 17.38E, h10km, ML3.6/8, Error ellipse: s-maj=9.5km s-min=4.7km az=111.0

ROM 10 11:45:30.3, 0.2, 39.22N x 17.22E, h21km, 2km, M12.8/26, Error ellipse: s-maj=3.6km s-min=2.4km az=86.0

ISC 10 11:45:27.8, 0.9, 39.24N x 0.03, 17.34E, h15km, 8km, n57, r19175, Southern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like San Nicola del, Sersale, GRI, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPAAZ Palizzi, SG1 Solgore (BA), BULG Bulgheria - Ca, etc.

ISCJB 10 11:47:53.2±1.3, 27.01N±0.06±55.64E±0.08, h15km±20km, Error ellipse: s-maj=13.9km s-min=7.9km az=39.5

CSEM 10 11:47:53.0±0.5, 26.85N±55.80E±h2km, ML3.6, Error ellipse: s-maj=11.6km s-min=6.1km az=157.0

KISR 10 11:47:54.0±0.5, 27.23N±55.31E±h34km±671km, ML4.0

SGS 10 11:47:55.9±26.85N±55.76E±h15km

TEH 10 11:47:59.2±27.15N±55.00E±h27km

ISC 10 11:47:54.2±1.3, 27.02N±0.07±55.70E±0.08, h4km±15km, n33, c169/55, Southern Iran

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, IBND Bandar-abas, etc.

MOS 10 11:47:59.6±1.7, 54.80N±112.82E, h11km, mb4.2/1, Error ellipse: s-maj=27.5km s-min=16.4km az=107.7

BYKL 10 11:47:58.9±0.4, 54.92N±113.02E, 4C-6D, East of Lake Baykal

Table of station data for the Baykal region, including stations like YLYR Ulyunkhan, YLYR Ulyunkhan, etc.

Main table of station data for the 2008 SEP period, including stations like YOA, YOA, YOA, etc.

Main table of station data for the 2008 SEP period, including stations like TWC Suao, TWC Suao, TWA Mucha, etc.







ETOB	Tobarra	45.13	42	↑P	P	13 16 32.1 +0.1
ETOB	Tobarra	45.13	42	↑P	P	13 16 32.1 +0.2
CPNY	Central Park	45.16	322	eP	P	13 16 33.6 +1.5
CPNY	Central Park	45.16	322	eP	P	13 16 33.6 +1.5
WVL	Waterville	45.17	329	eP	P	13 16 31.3 -0.8
WVL	Waterville	45.17	329	eP	P	13 16 31.3 -0.8
PAL	Palisades	45.26	322	P	Pmax	13 16 32.7 -0.2
PAL	Palisades	45.26	322	P	P	13 16 32.7 -0.2
PAL	Palisades	45.26	322	P	P	13 16 32.7 -0.2
BRNJ	Basking Ridge	45.48	321	P	P	13 16 35.4 +0.8
BRNJ	Basking Ridge	45.48	321	P	P	13 16 35.4 +0.8
PKME	Peaks-Kenny Pk	45.48	330	eP	P	13 16 34.6 0.0
PKME	Peaks-Kenny Pk	45.48	330	eP	P	13 16 34.6 +0.1
ERTT	Triet	45.61	47	P	P	13 16 36.7 +1.8
EAAR	Ain N'Sour	45.62	47	P	P	13 16 36.4 +0.6
EAAR	Arriondas	45.66	34	↑P	P	13 16 36.4 +0.3
EAAR	Arriondas	45.66	34	↑P	P	13 16 36.4 +0.3
NHSC	New Hope	45.67	309	eP	P	13 16 37.1 +0.8
NHSC	New Hope	45.67	309	eP	P	13 16 37.1 +0.8
NHSC	New Hope	45.67	309	eP	P	13 16 37.1 +0.8
PQI	Presque Isle	45.88	332	eP	P	13 16 37.4 -0.3
PQI	Presque Isle	45.88	332	eP	P	13 16 37.4 -0.3
ECHA	Ech Chief	45.90	46	P	P	13 16 41.5 +3.4
CBN	Corbin	45.95	317	eP	P	13 16 38.8 +0.3
CBN	Corbin	45.95	317	eP	P	13 16 38.8 +0.4
CBN	Corbin	45.95	317	eP	P	13 16 38.8 +0.4
HNN	Hanover	45.99	326	eP	P	13 16 37.6 -1.1
HNN	Hanover	45.99	326	eP	P	13 16 37.6 -1.1
ETOR	Torete	46.01	39	↑P	Pmax	13 16 38.0 -0.9
ETOR	Torete	46.01	39	↑P	Pmax	13 16 38.0 -0.9
ETOR	Torete	46.01	39	↑P	P	13 16 38.0 -0.9
ETOR	Torete	46.01	39	↑P	P	13 16 38.0 -0.9
ECHE	Chera	46.02	41	↑P	Pmax	13 16 39.8 +0.8
ECHE	Chera	46.02	41	↑P	Pmax	13 16 39.8 +0.8
ECHE	Chera	46.02	41	↑P	P	13 16 39.8 +0.8
EBEN	Beniarada	46.04	43	↑P	P	13 16 37.9 -1.2
EBEN	Beniarada	46.04	43	↑P	P	13 16 37.9 -1.3
EBEN	Beniarada	46.04	43	↑P	P	13 16 37.9 -1.3
EBNR	Beni Rached	46.08	46	P	P	13 16 43.0 +3.5
LBNH	Lisbon	46.15	327	P	Pmax	13 16 40.2 +0.3
LBNH	Lisbon	46.15	327	P	Pmax	13 16 40.2 +0.4
LBNH	Lisbon	46.15	327	P	P	13 16 40.2 +0.4
LBNH	Lisbon	46.15	327	P	P	13 16 40.2 +0.3
TRY	Troy	46.16	324	eP	P	13 16 39.7 -0.3
TRY	Troy	46.16	324	eP	P	13 16 39.7 -0.3
TRY	Troy	46.16	324	eP	P	13 16 39.7 -0.3
COW	Cow Castle Cre	46.18	309	eP	P	13 16 41.9 +1.6
COW	Cow Castle Cre	46.18	309	eP	P	13 16 41.9 +1.6
SDMD	Soldier's Deli	46.22	318	eP	P	13 16 40.5 0.0
SDMD	Soldier's Deli	46.22	318	eP	P	13 16 40.5 0.0
ACDN	Adirondack Com	46.57	325	P	P	13 16 42.1 -1.0
ACDN	Adirondack Com	46.57	325	P	P	13 16 42.1 -1.1
ELAN	Lanestosa	46.62	35	↑P	P	13 16 43.7 +0.1
ELAN	Lanestosa	46.62	35	↑P	P	13 16 43.7 +0.1
MDV	Middlebury	46.68	326	eP	P	13 16 43.7 -0.4
MDV	Middlebury	46.68	326	eP	P	13 16 43.7 -0.4
EMOS	Mosqueruela	46.76	40	↑P	P	13 16 45.8 +1.1
EMOS	Mosqueruela	46.76	40	↑P	P	13 16 45.8 +1.0
ECRI	Cripan	46.78	37	↑P	Pmax	13 16 45.0 +0.1
ECRI	Cripan	46.78	37	↑P	Pmax	13 16 45.0 +0.2
ECRI	Cripan	46.78	37	↑P	P	13 16 45.0 +0.1
MGAN	Managua	46.95	279	P	P	13 16 46.6 0.0
MGAN	Managua	46.95	279	P	P	13 16 46.6 0.0
EMHD	Djebel Mahoud	47.07	47	P	P	13 16 47.3 +0.1
BINY	Binghamton	47.22	322	eP	P	13 16 48.7 +0.4
BINY	Binghamton	47.22	322	eP	P	13 16 48.7 +0.4
BINY	Binghamton	47.22	322	eP	P	13 16 48.7 +0.4
NCB	Newcomb	47.25	325	eP	P	13 16 48.5 0.0
NCB	Newcomb	47.25	325	eP	P	13 16 48.5 0.0
NCB	Newcomb	47.25	325	eP	P	13 16 48.5 0.0
NCB	Newcomb	47.25	325	eP	P	13 16 48.5 0.0
EIBI	Ibiza	47.26	43	↑P	P	13 16 48.6 -0.1
EIBI	Ibiza	47.26	43	↑P	P	13 16 48.7 0.0
WVCC	Virginia Weste	47.30	314	eP	P	13 16 49.1 +0.1
WVCC	Virginia Weste	47.30	314	eP	P	13 16 49.1 +0.1
ABA	Alger-Bouzaera	47.39	47	P	P	13 16 52.2 +2.4
CNGN	Cerro Negro	47.39	279	P	P	13 16 49.7 -0.4
CNGN	Cerro Negro	47.39	279	P	P	13 16 49.7 -0.4
FRNY	Flat Rock	47.44	326	eP	P	13 16 50.6 +0.6
FRNY	Flat Rock	47.44	326	eP	P	13 16 50.6 +0.6
FRNY	Flat Rock	47.44	326	eP	P	13 16 50.6 +0.6
ESAC	San Caprasio	47.51	39	↑P	P	13 16 50.3 -0.3
ESAC	San Caprasio	47.51	39	↑P	P	13 16 50.3 -0.3
SSPA	Standing Stone	47.55	319	eP	P	13 16 50.5 -0.4
SSPA	Standing Stone	47.55	319	eP	P	13 16 50.5 -0.4
BLA	Blacksburg	47.59	314	eP	Pmax	13 16 51.4 +0.1
BLA	Blacksburg	47.59	314	eP	Pmax	13 16 51.4 +0.1
BLA	Blacksburg	47.59	314	eP	P	13 16 51.4 +0.1
BLA	Blacksburg	47.59	314	eP	P	13 16 51.4 +0.1
ERTA	Horta de San J	47.60	40	↑P	P	13 16 51.7 +0.5
ERTA	Horta de San J	47.60	40	↑P	P	13 16 51.7 +0.4
ELIZ	Elizondo	47.69	37	↑P	P	13 16 52.0 0.0

ELIZ	Elizondo	47.69	37	↑P	P	13 16 52.0 0.0
ELIZ	Elizondo	47.69	37	↑P	P	13 16 52.0 0.0
EALK	Alkuruntz	47.74	37	↑P	P	13 16 52.2 -0.1
EALK	Alkuruntz	47.74	37	↑P	P	13 16 52.2 -0.1
LONY	Lake Ozonia	47.85	326	eP	P	13 16 53.6 +0.4
LONY	Lake Ozonia	47.85	326	eP	P	13 16 53.6 +0.4
OSSF	Osses	47.90	37	eP	P	13 16 53.7 +0.1
OSSF	Osses	47.90	37	eP	P	13 16 53.7 +0.1
LARF	Larrau	47.94	37	eP	P	13 16 52.6 -1.3
LARF	Larrau	47.94	37	eP	P	13 16 52.6 -1.3
LGUH	Tequigalpa,Un	47.98	282	eP	P	13 16 54.5 -0.1
LGUH	Tequigalpa,Un	47.98	282	eP	P	13 16 54.5 -0.1
ORDF	Ordriarp	48.07	37	eP	P	13 16 54.6 -0.3
ORDF	Ordriarp	48.07	37	eP	P	13 16 54.6 -0.3
LOCO	Las Campanas	48.12	219	eP	P	13 16 53.6 -1.8
LOCO	Las Campanas	48.12	219	eP	P	13 16 53.6 -1.8
LCO	Las Campanas	48.12	219	eP	P	13 16 53.6 -1.9
LCO	Las Campanas	48.12	219	eP	P	13 16 53.6 -1.9
ATE	Arette	48.14	37	eP	P	13 16 55.9 +0.5
ATE	Arette	48.14	37	eP	P	13 16 55.9 +0.5
MSNY	Massena	48.24	326	eP	P	13 16 55.2 -1.0
MSNY	Massena	48.24	326	eP	P	13 16 55.2 -1.0
EPOB	Poblet	48.28	40	↑P	P	13 16 56.6 0.0
EPOB	Poblet	48.28	40	↑P	P	13 16 56.6 0.0
REYF	Montagne du Re	48.31	37	eP	P	13 16 57.7 +0.9
REYF	Montagne du Re	48.31	37	eP	P	13 16 57.7 +0.9
GOGA	Godfrey	48.34	308	PFAKE	LR	13 17 10.0 +1.3
GOGA	Godfrey	48.34	308	PFAKE	LR	13 17 10.0 +1.3
MCWW	Mont Chateau	48.34	317	eP	P	13 16 55.4 -1.7
MCWW	Mont Chateau	48.34	317	eP	P	13 16 55.4 -1.7
MCWW	Mont Chateau	48.34	317	eP	P	13 16 55.4 -1.7
MCWW	Mont Chateau	48.34	317	eP	P	13 16 55.4 -1.7
EBIE	Bielsa	48.42	38	↑P	P	13 16 58.3 +0.7
EBIE	Bielsa	48.42	38	↑P	P	13 16 58.3 +0.7
VIEF	Vief	48.46	38	eP	P	13 16 58.8 +0.9
VIEF	Vief	48.46	38	eP	P	13 16 58.8 +0.9
CFAA	Colonel Fontan	48.58	214	S	S	13 23 57.5 -3.9
CFAA	Colonel Fontan	48.58	214	S	S	13 23 57.5 -3.9
CFAA	Colonel Fontan	48.58	214	S	S	13 23 57.5 -3.9
CFAA	Colonel Fontan	48.58	214	S	S	13 23 57.5 -3.9
LABF	Labassere	48.58	38	eP	P	13 16 59.9 +1.0
LABF	Labassere	48.58	38	eP	P	13 16 59.9 +1.0
RESF	Ens	48.61	38	eP	P	13 17 00.2 +1.1
RESF	Ens	48.61	38	eP	P	13 17 00.2 +1.1
ETOS	Mallorca	48.62	43	↑P	P	13 16 59.0 -0.2
ETOS	Mallorca	48.62	43	↑P	P	13 16 59.0 -0.2
SET	Setif	48.86	48	eP	P	13 17 02.0 +0.9
CSOR	Sort	48.87	39	↑P	P	13 17 01.4 +0.4
CSOR	Sort	48.87	39	↑P	P	13 17 01.4 +0.4
EMIR	Miracle	48.87	40	↑P	P	13 17 01.0 0.0
EMIR	Miracle	48.87	40	↑P	P	13 17 01.0 0.0
EMIR	Miracle	48.87	40	↑P	P	13 17 01.0 0.0
EMIR	Miracle	48.87	40	↑P	P	13 17 01.0 0.0
CKHR	Kef el Ahmar	48.87	49	P	P	13 17 02.9 +1.7
SALF	Salau	48.91	39	eP	P	13 17 04.2 +1.3
SALF	Salau	48.91	39	eP	P	13 17 04.2 +1.3
MLS	Mouls	49.16	38	eP	P	13 17 04.4 +1.1
MLS	Mouls	49.16	38	eP	P	13 17 04.4 +1.1
DFRA	Djebel Bou Aff	49.35	48	P	P	13 17 04.1 -0.8
DFRA	Djebel Bou Aff	49.35	48	P	P	13 17 04.1 -0.8
CFON	Fonmartina	49.37	40	↑P	P	13 17 04.7 -0.2
CFON	Fonmartina	49.37	40	↑P	P	13 17 04.7 -0.2
CFON	Fonmartina	49.37	40	↑P	P	13 17 04.7 -0.2
CFON	Fonmartina	49.37	40	↑P	P	13 17 04.7 -0.2
TEIG	Tepeich	49.39	290	PFAKE	LR	13 17 20.0 +1.5
TEIG	Tepeich	49.39	290	PFAKE	LR	13 17 20.0 +1.5
TKL	Tuckaleechee C	49.41	311	eP	P	13 17 05.1 -0.2
TKL	Tuckaleechee C	49.41	311	eP	P	13 17 0





Table with columns for station call letters, frequency, power, and signal quality. Includes stations like JFWS, JFWL, JFWJ, etc.

Table with columns for station call letters, frequency, power, and signal quality. Includes stations like JAVS, JAVS, JAVS, etc.

Table with columns for station call letters, frequency, power, and signal quality. Includes stations like CLL, CLL, CLL, etc.







Table with columns: TRO, SIM, MLR, MLR, and various numerical values representing station data.

Table with columns: SIM, MLR, MLR, and various numerical values representing station data.

Table with columns: ARUT, pmax, pmax, and various numerical values representing station data.





DBOC	Borka	77.44	50	iP	P	13 20 10.2	-0.8
DOBA	Wollman Farm	77.45	316	iP	P	13 20 10.5	-0.4
DDEM	Demirkent	77.50	50	iP	P	13 20 11.5	+0.2
VRHR	Novokhopersk	77.64	40	eP	P	13 20 13.8	+2.0
VRHR	comp=N,60nm,1.7s				pmax		
VRHR	comp=E,300nm,1.7s				pmax		
VRHR	comp=Z,370nm,1.7s,mb6.0				pmax		
VRHR	Novokhopersk	77.64	40	eP	P	13 20 13.8	+2.0
ARTV	Artvin	77.64	50	iP	P	13 20 11.4	-0.7
RCTO	Rector Farmer	77.65	305	iP	P	13 20 12.3	+0.1
PAHR	Pah Rah Range	77.72	309	eP	P	13 20 11.6	-1.0
PAHR	comp=Z,171nm,1.8s,mb5.7				pmax		
PAHR	Pah Rah Range	77.72	309	eP	P	13 20 11.6	-0.9
WAKR	Walker	77.77	308	eP	P	13 20 13.4	+0.5
WAKR	comp=Z,463nm,1.8s,mb6.1				pmax		
HAWA	Hanford	77.86	316	eP	P	13 20 12.3	-0.9
HAWA	comp=Z,755nm,2.2s,mb6.2				LR		
HAWA	Hanford	77.86	316	eP	P	13 20 12.3	-0.9
HAWA	comp=Z,755nm,2.2s,mb6.2				LR		
RSW	Rattlesnake Hi	77.90	316	eP	P	13 20 12.8	-0.6
RSW	comp=Z,346nm,1.5s,mb6.1				pmax		
PNT	Penticton	77.98	319	P	P	13 20 13.8	0.0
PNT	Penticton	77.98	319	P	P	13 20 13.8	0.0
WCN	Washoe City	78.01	308	iP	P	13 20 15.6	+1.4
WCN	comp=Z,285nm,1.8s,mb5.9				pmax		
WCN	Washoe City	78.01	308	eP	P	13 20 12.8	-1.3
WCN	comp=Z,285nm,1.8s,mb5.9				pmax		
E07A	Sunnyside	78.08	316	P	P	13 20 14.6	+0.2
E07A	comp=Z,225nm,1.8s,mb5.9				pmax		
PKM	Peak Mountain	78.15	304	iP	P	13 20 16.5	+1.5
PKM	comp=Z,225nm,1.8s,mb5.9				pmax		
KIV	Kislovodsk	78.20	47	iP	P	13 20 15.6	+0.5
KIV	comp=Z,616nm,1.3s,mb6.4				pmax		
KIV	Kislovodsk	78.20	47	eP	P	13 20 14.5	-0.6
KIV	comp=Z,16um,21.0s,MS6.3				MLR		
KIV	Kislovodsk	78.20	47	eP	P	13 20 16.9	+1.8
KIV	comp=Z,2um,1.1s,mb7.0,SNR=53				MLR		
KIV	Kislovodsk	78.20	47	iP	P	13 20 15.6	+0.5
KIV	comp=Z,522nm,1.6s,mb6.2				MLR		
KIV	Kislovodsk	78.20	47	iP	P	13 20 16.5	+1.4
KIV	comp=Z,2um,1.1s,mb7.0,SNR=53				MLR		
SMCC	Simmler	78.29	304	P	P	13 20 17.0	+1.2
SMCC	comp=Z,206nm,1.2s,mb5.9				pmax		
MOD	Modoc	78.40	311	eP	P	13 20 16.5	+0.3
MOD	comp=Z,2um,21.0s,MS6.5				LR		
MOD	Modoc	78.40	311	eP	P	13 20 16.5	+0.2
MOD	comp=Z,206nm,1.2s,mb5.9				LR		
ETW	Entiat	78.42	317	eP	P	13 20 15.2	-1.1
ETW	comp=Z,252nm,1.7s,mb5.9				pmax		
ETW	Entiat	78.42	317	eP	P	13 20 15.2	-1.1
ETW	comp=Z,252nm,1.7s,mb5.9				pmax		
NLW	Nelson Butte	78.43	317	P	P	13 20 15.7	-0.7
NLW	Nelson Butte	78.43	317	P	P	13 20 15.7	-0.6
GOF	Goftskoye	78.45	46	iP	P	13 20 18.6	+2.1
GOF	comp=Z,480nm,1.3s,mb6.3				pmax		
GOF	Goftskoye	78.45	46	iP	P	13 20 18.6	+2.1
GOF	comp=Z,480nm,1.3s,mb6.3				pmax		
AGRB	Hanur-Agry	78.47	51	eP	P	13 20 17.3	+0.6
KARS	Kars	78.52	50	eP	P	13 20 17.7	+0.8
CMB	Columbia Colle	78.53	307	eP	P	13 20 17.0	0.0
CMB	comp=Z,201nm,1.7s,mb5.8				pmax		
CMB	comp=Z,201nm,1.7s,mb5.8				MLR		
CMB	Columbia Colle	78.53	307	eP	P	13 20 17.0	0.0
CMB	comp=Z,23um,22.0s,MS6.5				LR		
CMB	Columbia Colle	78.53	307	eP	P	13 20 17.0	0.0
CMB	comp=Z,201nm,1.7s,mb5.8				LR		
VTHM	Trough	78.57	314	P	P	13 20 18.2	+1.1
VTHM	Trough	78.57	314	P	P	13 20 18.2	+1.1
TBM	Table Mountain	78.60	316	P	P	13 20 17.2	0.0
TBM	Table Mountain	78.60	316	P	P	13 20 17.2	0.0
G06A	Carlson Farm	78.62	314	P	P	13 20 18.1	+0.7
DIGO	Kars	78.75	50	iP	P	13 20 17.6	-0.6
VANS	Van	78.80	52	eP	P	13 20 19.3	+0.8
K05A	Summer Lake	78.83	312	eP	P	13 20 19.4	+0.8
CUKT	Cukurca	79.01	54	eP	P	13 20 19.0	-0.7
ZEI	Tsey	79.09	48	eP	P	13 20 17.8	-2.3
ZEI	comp=N,49nm,0.9s,mb6.4				SS		
ZEI	comp=Z,440nm,4.7s				SS		
ZEI	comp=E,160nm,1.1s				SS		
ZEI	comp=Z,536nm,1.9s,mb6.2				SS		
ZEI	comp=N,77nm,0.9s				SS		
ZEI	comp=Z,11um,17.0s,MS6.2				SS		
ZEI	comp=E,2um,13.0s,MS5.9				SS		
ZEI	comp=N,4um,17.0s,MS5.9				SS		
CLDR	Caldiran	79.19	52	eP	P	13 20 20.8	+0.1
RPW	Rockport	79.22	318	eP	P	13 20 20.0	-0.7
RPW	comp=Z,74nm,1.4s,mb5.4				pmax		
RPW	Rockport	79.22	318	eP	P	13 20 20.0	-0.6
RPW	comp=Z,74nm,1.4s,mb5.4				pmax		
HOOD	Mount Hood Mea	79.34	315	eP	P	13 20 21.3	0.0
HOOD	comp=N,49nm,0.9s,mb6.4				pmax		
HOOD	Mount Hood Mea	79.34	315	eP	P	13 20 21.3	-0.1
HOOD	comp=N,49nm,0.9s,mb6.4				pmax		
SAO	San Andreas Ge	79.41	306	eP	P	13 20 21.9	-0.1
SAO	comp=Z,52nm,1.0s,mb5.4				pmax		
SAO	comp=Z,22um,21.0s,MS6.5				MLR		
SAO	San Andreas Ge	79.41	306	eP	P	13 20 21.9	-0.1
SAO	comp=Z,52nm,1.0s,mb5.4				LR		
SAO	comp=Z,22um,21.0s,MS6.5				LR		
SAO	San Andreas Ge	79.41	306	eP	P	13 20 21.9	0.0
SAO	comp=Z,22um,21.0s				LR		
LON	Longmire	79.43	316	eP	P	13 20 21.0	-0.8
LON	comp=Z,279nm,2.2s,mb5.8				pmax		
LON	Longmire	79.43	316	eP	P	13 20 21.0	-0.9
LON	comp=Z,279nm,2.2s,mb5.8				pmax		
LON	Longmire	79.43	316	eP	P	13 20 21.0	-0.8
LON	comp=Z,279nm,2.2s,mb5.8				pmax		
JCW	Jim Creek	79.50	317	eP	P	13 20 19.4	-2.7
JCW	comp=Z,71nm,1.1s,mb5.5				pmax		
JCW	Jim Creek	79.50	317	eP	P	13 20 19.4	-2.8
JCW	comp=Z,71nm,1.1s,mb5.5				pmax		
A05A	Maple Falls	79.60	318	iP	P	13 20 21.9	-0.8
A05A	comp=Z,286nm,1.7s,mb6.1				pmax		

H04A	Detroit Lake	79.73	314	P	P	13 20 23.4	0.0
H04A	comp=Z,2.1nm,0.3s,SNR=14				pmax		
TBLG	Delisi	79.74	49	P	P	13 20 23.8	+0.2
TBLG	Delisi	79.74	49	P	P	13 20 23.8	+0.2
GNI	Garni	79.80	51	P	P	13 20 25.1	+1.1
GNI	comp=Z,46nm,0.8s,mb5.5,baz=189,slow=0.8,SNR=43				SS		
GNI	Garni	79.80	51	P	P	13 20 29.0	+1.1
GNI	comp=Z,2.1nm,0.3s,SNR=14				SS		
GNI	Garni	79.80	51	P	P	13 20 24.6	+0.6
GNI	comp=Z,673nm,1.7s				pmax		
GNI	Garni	79.80	51	eP	P	13 20 25.3	+1.3
GNI	comp=Z,529nm,1.3s,mb6.3				LR		
GNI	comp=Z,13um,21.0s,MS6.2				LR		
GNI	Garni	79.80	51	eP	P	13 20 24.5	+0.5
GNI	Garni	79.80	51	eP	P	13 20 25.8	+1.8
GNI	SNR=96				SS		
GNW	Green Mountain	80.11	317	eP	P	13 20 23.7	-1.8
GNW	comp=Z,24nm,1.2s,mb5.0				pmax		
GNW	Green Mountain	80.11	317	eP	P	13 20 23.7	-1.8
GNW	comp=Z,24nm,1.2s,mb5.0				pmax		
WDC	Whiskeytown Da	80.12	310	P	P	13 20 23.3	-2.4
WDC	comp=Z,66nm,1.2s,mb5.4				pmax		
WDC	Whiskeytown Da	80.12	310	P	P	13 20 23.3	-2.4
WDC	comp=Z,66nm,1.2s,mb5.4				LR		
WDC	Whiskeytown Da	80.12	310	P	P	13 20 23.3	-2.4
WDC	comp=Z,66nm,1.2s,mb5.4				LR		
WDC	Whiskeytown Da	80.12	310	P	P	13 20 23.3	-2.4
WDC	comp=Z,66nm,1.2s,mb5.4				LR		
WDC	Whiskeytown Da	80.12	310	P	P	13 20 23.3	-2.4
WDC	comp=Z,66nm,1.2s,mb5.4				LR		
SAC	San Andreas	80.15	307	eP	P	13 20 26.1	+0.2
SAC	comp=Z,520nm,1.7s,mb6.2				pmax		
SAC	San Andreas	80.15	307	eP	P	13 20 26.1	+0.2
SAC	comp=Z,520nm,1.7s,mb6.2				pmax		
SAC	San Andreas	80.15	307	eP	P	13 20 26.1	+0.2
SAC	comp=Z,520nm,1.7s,mb6.2				pmax		
ATD	Arta Tunnel	80.16	80	P	P	13 20 27.8	+1.3
ATD	comp=Z,138nm,1.0s,mb5.8,baz=311,slow=4.2,SNR=45				SS		
ATD	Arta Tunnel	80.16	80	P	P	13 20 27.8	+1.3
ATD	comp=Z,138nm,1.0s,mb5.8,baz=311,slow=4.2,SNR=45				SS		
ATD	Arta Tunnel	80.16	80	P	P	13 20 27.8	+1.3
ATD	comp=Z,138nm,1.0s,mb5.8,baz=311,slow=4.2,SNR=45				SS		
ATD	Arta Tunnel	80.16	80	P	P	13 20 27.8	+1.3
ATD	comp=Z,138nm,1.0s,mb5.8,baz=311,slow=4.2,SNR=45				SS		
ATD	Arta Tunnel	80.16	80	P	P	13 20 27.8	+1.3
ATD	comp=Z,138nm,1.0s,mb5.8,baz=311,slow=4.2,SNR=45				SS		
PRGR	Pergomere	80.20	29	iP	P	13 20 26.8	+1.1
PRGR	comp=Z,742nm,1.2s,mb6.5				pmax		
PRGR	Pergomere	80.20	29	iP	P	13 20 26.8	+1.1
PRGR	comp=Z,742nm,1.2s,mb6.5				pmax		
PRGR	Pergomere	80.20	29	iP	P	13 20 26.8	+1.1
PRGR	comp=Z,742nm,1.2s,mb6.5				pmax		
YBH	Yreka Blue Hor	80.20	311	LR	LR	13 52 39.7	
YBH	comp=Z,30um,21.7s,MS6.6,baz=125,slow=33				pmax		
YBH	Yreka Blue Hor	80.20	311	LR	LR	13 52 39.7	
YBH	comp=Z,30um,21.7s,MS6.6,baz=125,slow=33				pmax		
YBH	Yreka Blue Hor	80.20	311	LR	LR	13 52 39.7	
YBH	comp=Z,30um,21.7s,MS6.6,baz=125,slow=33				pmax		
YBH	Yreka Blue Hor	80.20	311	LR	LR	13 52 39.7	
YBH	comp=Z,30um,21.7s,MS6.6,baz=125,slow=33				pmax		
MCCM	Marconi Confer	80.49	307	eP	P	13 20 27.7	-0.1
MCCM	comp=Z,104nm,0.9s,mb5.8				LR		
MCCM	Marconi Confer	80.49	307	eP	P	13 20 27.7	-0.1
MCCM	comp=Z,104nm,0.9s,mb5.8				LR		
MCCM	Marconi Confer	80.49	307	eP	P	13 20 27.7	-0.1
MCCM	comp=Z,104nm,0.9s,mb5.8				LR		
PGC	Sidney	80.51	318	eP	P	13 20 26.9	-0.7
PGC	comp=Z,21nm,1.5s,mb4.8				pmax		
PGC	Sidney	80.51	318	eP	P	13 20 26.9	-0.7
PGC	comp=Z,21nm,1.5						



Table with columns: WHN, comp=N,51um,19.1s,MS7.4, LR, LR, 13 27 40.0 +6.7, etc. Lists various stations and their coordinates.

Table with columns: SBUM Sibiu 149.13 71 P PKPdf, STKI Sintang 149.16 76 P PKPbc, etc. Lists various stations and their coordinates.

Table with columns: IBAF Zahedan 5.05 58 ePn Sn, ZHSF 5.18 246 P Pn, etc. Lists various stations and their coordinates.

ISCJB 10 13:12:28.0±0.7, 50°29'N, 0°05'18.83E, 0.04h, 10km, Error ellipse: s-maj=7.7km s-min=3.4km az=7.1

CSEM 10 13:12:29.0±0.2, 50°32'N, 18°85E, h2km, ML2.5/5, Error ellipse: s-maj=5.2km s-min=2.0km az=2.0

IPEC 10 13:12:29.9±0.1, 50°22'N, 18°88E, h2km, ML1.6/3, Error ellipse: s-maj=2.6km s-min=0.8km az=166.0

PRU 10 13:12:29.9, 50°28'N, 18°84E, h2km

WAR 10 13:12:29.5, 50°24'N, 18°92E

ISC 10 13:12:29.5±0.7, 50°29'N, 0°05'18.86E, 0.04h, 10km, n17, e080/23, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station codes and names.

RSPR 10 13:13:18.9, 19°16'N, 64°89W, h12km, 7km

NEIC 10 13:13:18.9, 19°16'N, 64°89W, h12km, ML3.5, After RSPR

ISC 10 13:13:17.4±2.6, 19°22'N, 0°16'55.0W, 0.1, h17km, s34km, n24, e051/33, 12C-6D, Virgin Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station codes and names.

CSEM 10 13:23:26.1±0.4, 47°35'N, 11°02E, h9km, ML1.9/4, After ZAMG

VIE 10 13:23:26.1±0.4, 47°35'N, 11°02E, h9km, s3km, ML1.9/4, SC-2D, Error ellipse: s-maj=2.4km s-min=1.4km az=58.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station codes and names.

Table with columns: FETA, Feichten, 0.38 212 Pg, Pg, 13 23 33.8 +0.3, 13 23 39.2 +0.7

ISCJB 10 13:24:48.4-0.3, 47:43N-01:02:11.01E, 0.02, h9km, 2km, Error ellipse: s-maj=3.2km s-min=2.4km az=175.1

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

Main table of station data for 2008 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table of station data for 2008 SEP (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

ISCJB 10 13:33:36.0-0.3, 47:47N-01:02:11.00E, 0.02, h5km, 3km, Error ellipse: s-maj=2.9km s-min=2.6km az=6.6

Main table of station data for 2008 SEP (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC











Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for Kunming, Chiang Mai, Chengdu, etc.

15:51:29.9, 1.2, 30.28N, 69.53E, h0km, mb4.0/1, mb1.4, 1/14, mb1mx3.9/26, mb1tmp4.0/14, ML4.0/1, MS3.7/2, Ms1.3/72, ms1mx3.1/39, Error ellipse: s-maj=32.4km s-min=17.0km az=51.0

15:51:32.9, 0.3, 30.39N, 0.04, 69.85E, 0.0/4, h33km, mb4.0/21, Error ellipse: s-maj=7.2km s-min=4.2km az=39.1

15:51:33.8, 1.4, 30.57N, 69.65E, h33km, mb4.2/19, Error ellipse: s-maj=14.6km s-min=7.7km az=82.0

15:51:34.6, 6.7, 30.36N, 69.62E, h31km, 45km, mb4.0/3, Error ellipse: s-maj=27.2km s-min=11.3km az=219.0

15:51:36.4, 30.76N, 70.15E, h10km, mb4.7/5, mb4.2/12, Ms4.2/1

15:51:34.9, 0.5, 30.39N, 0.04, 69.80E, 0.0/4, h35km, n81, s154/87, mb4.0/21, 5C-2D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for Thame Wali, Cepherat, Kabul, Chirah Chowk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for LSA Lhasa, MKAR Makanchi Array, WMO Urumqi, etc.

15:53:01.0, 29.0, 15.76S, 173.99W, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.8/18, mbtmp4.0/4, Error ellipse: s-maj=570.4km s-min=157.2km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for STKA Stephens Creek, WRA Warramunga Arr, etc.

16:04:28.9, 20S, 117.97E, h128km, MLV4.2/9, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for BMNI Bima, MTNI Mataram, WSI Waingapu, etc.

16:05:21.7, 2.6, 30.82N, 84.06E, h10km, ML4.2, mb4.4, 1/1E

16:05:22.0, 0.8, 31.36N, 83.08E, h10km, ML4.6/3, Error ellipse: s-maj=18.5km s-min=11.0km az=120.0

16:05:24.8, 30.67N, 83.26E, h11km, mb4.8/27, mb4.5/37, Ms4.5/36, Ms7.4/2/35

16:05:25.5, 0.6, 30.64N, 83.47E, h0km, mb4.2/17, mb1.4, 3/20, mb1mx3.4/26, mbtmp4.2/20, ML3.5/3, MS4.1/10, Ms1.4, 1/10, ms1mx3.8/35, Error ellipse: s-maj=18.6km s-min=13.7km az=32.0

16:05:26.8, 0.2, 30.81N, 0.03, 83.37E, 0.0/3, h10km, mb4.3/47, MS4.2/16, Error ellipse: s-maj=3.7km s-min=3.1km az=25.7

16:05:27.3, 0.5, 30.69N, 83.39E, h10km, mb4.4/5, Error ellipse: s-maj=11.9km s-min=7.6km az=223.0

16:05:29.3, 1.1, 30.77N, 83.48E, h33km, mb4.7/32, Error ellipse: s-maj=11.3km s-min=5.5km az=114.1

16:05:28.4, 0.2, 30.82N, 0.03, 83.42E, 0.0/3, h10km, n147, s1917/162, mb4.0, 3/47, MS4.2/16, 17C-6D, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for DANN Dangising, GKN Gorkha, KOLN Koldanda, etc.

16:05:25.0, 1.1, 30.64N, 83.47E, h0km, mb4.2/17, mb1.4, 3/20, mb1mx3.4/26, mbtmp4.2/20, ML3.5/3, MS4.1/10, Ms1.4, 1/10, ms1mx3.8/35, Error ellipse: s-maj=18.6km s-min=13.7km az=32.0





10d 16h

2008 SEP

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like W24A Lazy 6 Ranch, 218A Dragon, 220A Sixteen R, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like 113A Mohawk Valley, U19A Dine' College, P25A Willow Gulch B, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like IRM Iron Mountain, S17A Black Ridge (B), R18A Canyonlands Na, etc.



K22A	Casper	71.48 332	P	P	16 23 20.9 -0.1
PASC	Pasadena Art C	71.48 319	eP	P	16 23 21.3 0.0
PASC	Flavien		eP	P	16 23 22.7
SHOC	Shoshone	71.50 321	UP	P	16 23 22.0 +0.7
Q15A	Filmon	71.52 326	P	P	16 23 22.2 +0.8
O17A	Robinson Place	71.56 328	P	P	16 23 22.4 +0.8
RSSD	Black Hills	71.56 334	eP	P	16 23 21.7 -0.1
RSSD			e	pmx	16 23 33.4
RSSD			e	pmx	
RSSD			e	MLR	
RSSD			e	MLR	
RSSD			e	P	16 23 21.7 -0.2
RSSD			e	P	16 23 33.4
RSSD			e	LR	
RSSD			e	LR	
N18A	Larsen Ranch,	71.63 329	UP	P	16 23 22.2 +0.2
R13A	O'Grain Ranch,	71.78 324	P	P	16 23 24.2 +1.2
K21A	Alcove	71.79 331	P	P	16 23 23.1 +0.2
M19A	Rock Springs	71.79 329	P	P	16 23 23.2 +0.3
L20A	Wamsutter	71.80 330	P	P	16 23 23.2 +0.3
HSD	Wamsutter	71.80 330	P	P	16 23 23.2 +0.3
T11A	Corn Creek, Al	71.81 323	UP	P	16 23 24.1 +0.9
EDW2	Edwards Air Fo	71.83 319	P	P	16 23 23.4 +0.1
S12A	Delamar Landin	71.86 323	P	P	16 23 24.6 +1.1
U10A	Ash Meadows, A	71.88 322	P	P	16 23 24.5 +0.8
MPU	Maple Canyon	71.89 327	eP	P	16 23 23.7 +0.2
P15A	Leamington	71.89 326	P	P	16 23 24.3 +0.9
DAU	Daniels Canyon	71.99 327	eP	P	16 23 24.7 +0.5
DAU			e	pmx	
DAU			e	pmx	
DAU			e	pmx	
Q14A	Sevier Lake (B	71.99 325	P	P	16 23 25.2 +1.0
LRMC	Laurel Mountai	72.05 320	P	P	16 23 25.1 +0.4
N22A	North Lily Min	72.07 327	eP	P	16 23 25.0 +0.3
JLU	Midwest	72.07 332	P	P	16 23 24.3 -0.3
OSI	Osito Adit	72.11 319	eP	P	16 23 24.3 -0.7
M18A	Lyman	72.17 329	P	P	16 23 24.9 -0.3
N17A	Moffitt Pass	72.18 328	P	P	16 23 26.1 +0.8
FURC	Furnace Creek	72.23 321	P	P	16 23 26.4 +0.7
JLU	Jordanelle	72.23 327	eP	P	16 23 25.8 +0.2
JLU			e	P	16 23 37.4
R12A	Pony Springs,	72.24 324	P	P	16 23 26.9 +1.1
BSC	Santa Cruz Isl	72.27 318	P	P	16 23 26.6 +0.6
K20A	Yellowstone Ra	72.31 331	P	P	16 23 25.7 -0.3
P14A	Drum Mountains	72.32 326	P	P	16 23 27.2 +1.0
MPMC	Manual Prospec	72.32 321	P	P	16 23 26.6 +0.3
L19A	Farson	72.34 330	P	P	16 23 26.5 +0.2
AGMN	Agassiz Nation	72.35 342	eP	P	16 23 23.6 -2.5
AGMN			e	LR	
AGMN			e	LR	
S11A	Rache	72.40 323	P	P	16 23 28.0 +1.3
N16A	Rees Ranch, Co	72.44 328	P	P	16 23 27.6 +0.7
J21A	Lysite	72.44 332	P	P	16 23 26.9 0.0
CTU	Camp Tracy	72.45 327	eP	P	16 23 26.9 0.0
M17A	Scullys Gap (B	72.50 329	P	P	16 23 27.3 +0.1
O15A	The Old Orders	72.51 327	P	P	16 23 28.2 +0.9
DAC	Darwin (Calif)	72.53 321	PFAKE	P	16 23 40.0 +1.2
DAC			e	LR	
L18A	Fontenelle, G	72.53 329	P	P	16 23 27.6 +0.2
NOQ	North Oquirrh	72.61 327	eP	P	16 23 27.8 0.0
DUG	Dugway	72.63 326	P	P	16 23 28.5 +0.5
DUG	Dugway	72.63 326	eP	pmx	16 23 28.2 +0.2
DUG			e	pmx	
DUG			e	MLR	
DUG			e	MLR	
DUG			e	LR	
ISA	Isabella	72.65 320	P	P	16 23 28.7 +0.5
ISA	Isabella	72.65 320	eP	P	16 23 28.3 +0.1
ISA			e	pmx	16 23 40.1
ISA			e	pmx	
ISA			e	P	16 23 28.3 +0.1
ISA			e	P	16 23 40.1
K19A	Absolon Red Bu	72.67 331	P	P	16 23 27.7 -0.4
J20A	Shoshoni	72.73 331	P	P	16 23 28.7 +0.2
I21A	Big Trails, Te	72.74 332	UP	P	16 23 28.1 -0.4
R11A	Troy Canyon, C	72.80 323	P	P	16 23 29.8 +0.8
M16A	Huntsville	72.85 328	P	P	16 23 29.3 0.0
BW06	Boulder Array	72.95 330	P	P	16 23 29.3 -0.5
BW06	Boulder Array	72.95 330	PFAKE	LR	16 23 40.0 +1.0
PDAR	Pinedale Array	72.95 330	P	P	16 23 29.2 -0.7
PDAR			e	LR	16 23 33.8
PKM	Peak Mountain	72.97 318	P	P	16 23 30.8 +0.7
N15A	Stansbury Isla	72.99 327	P	P	16 23 30.1 0.0
HWUT	Hardware Ranch	73.04 328	eP	P	16 23 30.1 -0.3
HWUT			e	LR	
L17A	Cokeville	73.07 329	P	P	16 23 30.2 -0.4
S10A	Tonopah Range,	73.07 323	P	P	16 23 31.4 +0.7
K18A	Toltan Ranch	73.08 330	P	P	16 23 31.0 +0.4
J19A	Crowheart	73.11 331	P	P	16 23 30.8 0.0
VES	Vestal, Richar	73.14 319	UP	P	16 23 31.3 +0.2
R10A	Warm Springs	73.16 323	P	P	16 23 32.5 +1.3
Q11A	Duckwater	73.19 324	P	P	16 23 32.0 +0.7
I20A	Worldan	73.22 332	P	P	16 23 31.2 -0.2
SPUT	South Promonto	73.26 327	eP	P	16 23 31.8 0.0

SPUT			e	P	16 23 43.1
BGU	Big Grassy Mou	73.27 327	eP	P	16 23 31.6 -0.2
L16A	Fish Haven	73.28 328	UP	P	16 23 32.1 +0.3
H21A	Big Horn, Sher	73.28 333	P	P	16 23 31.1 -0.7
SMMC	Simmler	73.35 319	P	P	16 23 33.2 +0.8
M15A	Larsen Ranch,	73.37 327	P	P	16 23 32.8 +0.4
J18A	Kendall Valley	73.51 330	P	P	16 23 33.5 +0.3
TPH	Tonopah	73.54 322	PFAKE	LR	16 23 40.0 +6.6
TPH			e	LR	
K17A	Gardner Place,	73.59 329	P	P	16 23 33.7 +0.1
H20A	Greybull	73.59 332	P	P	16 23 33.4 -0.2
TBI	Tubuai	73.65 251	eS	S	16 33 10.2 +4.1
TBI			e	LR	16 46 14.4
I19A	Meeteetse	73.68 105	P	P	16 23 34.2 +0.1
AHID	Auburn Hatcher	73.68 329	eP	P	16 23 33.9 -0.3
AHID			e	LR	
L15A	Malad City	73.74 328	P	P	16 23 34.4 -0.1
HVU	Hansel Valley	73.77 328	eP	pmx	16 23 34.5 -0.2
HVU			e	pmx	
HVU			e	pmx	
I18A	Diamond G Ranc	73.79 331	P	P	16 23 35.2 +0.4
G21A	Lodge Grass	73.83 333	P	P	16 23 34.8 -0.2
J17A	Brown Place, J	73.95 330	P	P	16 23 35.9 +0.2
K16A	Soda Springs	73.97 329	P	P	16 23 36.1 +0.3
REDW	Red Top Meadow	74.02 330	eP	P	16 23 36.0 -0.1
SNOW	Snow King Canyon	74.05 330	eP	P	16 23 36.2 -0.1
LOHW	Long Hollow	74.09 330	eP	P	16 23 36.5 -0.1
ULM	Lac du Bonnet	74.11 343	P	P	16 23 35.0 -1.4
ULM			e	LR	17 00 25.1
ULM	Lac du Bonnet	74.11 343	eP	P	16 23 34.9 -1.6
ULM			e	LR	
TPAW	Teton Pass	74.16 330	eP	P	16 23 36.8 -0.1
H19A	Powell	74.17 332	P	P	16 23 36.9 -0.1
L14A	Malta	74.19 327	P	P	16 23 37.1 -0.1
RRI2	Red Ridge	74.23 329	eP	P	16 23 37.5 +0.2
G20A	Bridger	74.26 332	P	P	16 23 36.9 -0.6
MOOW	Moose Ponds	74.26 330	eP	P	16 23 37.3 -0.3
I17A	Pilgrim Ck.	74.31 330	UP	P	16 23 38.5 +0.7
J16A	Bone	74.31 329	P	P	16 23 38.6 +0.8
K15A	Arbon	74.32 328	P	P	16 23 38.0 +0.1
DCID	Drake Creek	74.35 330	P	P	16 23 37.0 -1.1
NVAR	Mina Array Bea	74.40 322	P	P	16 23 38.8 +0.3
NVAR			e	LR	16 23 49.9 +1.0
IMW	Indian Meadow	74.47 330	eP	P	16 23 38.9 +0.1
IMW			e	P	16 23 50.4
H18A	Shoshone NF, C	74.48 331	P	P	16 23 38.7 -0.1
FLWY	Flagg Ranch	74.50 330	eP	P	16 23 39.4 +0.5
K14A	Jones Ranch, D	74.54 328	P	P	16 23 39.1 0.0
LAO	LASA Array	74.60 335	eP	P	16 23 39.1 -0.3
LAO			e	LR	16 23 50.7
RLMT	Red Lodge	74.65 332	P	P	16 23 40.0 +0.3
RLMT	Red Lodge	74.65 332	eP	P	16 23 39.7 0.0
RLMT			e	LR	16 23 51.5
H17A	Grant Village	74.68 331	UP	P	16 23 41.3 +1.4
F20A	Billings	74.69 333	UP	P	16 23 39.9 -0.1
I16A	Newdale	74.71 330	P	P	16 23 41.1 +0.9
LKWY	Lake	74.73 331	eP	pmx	16 23 42.1 +1.9
LKWY			e	MLR	
LKWY			e	MLR	
LKWY			e	P	16 23 42.1 +1.8
LKWY			e	LR	
J15A	Blackfoot	74.81 329	P	P	16 23 41.2 +0.5
E21A	Keefe Ranch,	74.83 334	P	P	16 23 40.7 -0.1
YFT	Old Faithful	74.84 330	eP	P	16 23 41.8 +0.9
SCHO	Schefferville	74.86 1	P	P	16 23 40.4 -0.4
SCHO			e	LR	17 00 03.2
SCHO	Schefferville	74.86 1	eP	P	16 23 39.7 -1.0
SCHO			e	LR	
G18A	Lazy EL Ranch,	74.93 332	P	P	16 23 41.4 0.0
D22A	Coahagen	74.96 335	UP	P	16 23 41.8 +0.3
YNR	Norris Junctio	74.97 331	eP	P	16 23 42.8 +1.2
YMR	Madsie Rive	74.97 331	eP	P	16 23 43.5 +1.4
F19A	Roth Farm, Mo	75.08 332	UP	P	16 23 41.8 -0.5
C23A	Lambert	75.10 336	UP	P	16 23 42.3 0.0
WAKR	Walker	75.11 321	eP	P	16 23 42.6 0.0
BMN	Battle Mountai	75.16 324	eP	pmx	16 23 42.9 +0.1
BMN			e	pmx	
BMN			e	MLR	
BMN			e	P	16 23 42.9 +0.1
BMN			e	LR	
SAO	San Andreas Ge	75.19 319	eP	pmx	16 23 42.9 -0.2
SAO			e	pmx	
SAO			e	MLR	
SAO			e	MLR	
SAO			e	LR	
SAO			e	LR	
D21A	La Casta Ranch	75.22 334	P	P	16 23 43.3 +0.3

H16A	Russell Place,	75.22 330	P	P	16 23 43.7 +0.6
E20A	Meyer Farm, Mu	75.24 333	P	P	16 23 43.3 +0.2
DGMT	Dagmar	75.28 337	P	P	16 23 43.6 +0.3
DGMT	Dagmar	75.28 337	eP	P	16 23 43.3 -0.1
DGMT			e	LR	
J14A	Carey	75.28 328	P	P	16 23 44.2 +0.8
GCMT	Greycliff	75.34 332	eP	P	16 23 43.6 -0.2
GCMT			e	P	16 23 55.3
PPT	Papeete	75.35 256	eS	S	16 33 28.9 +3.5
PPT			e	SS	16 38 20.5 +5.2
PPT			e	eLQ	16 43 50.8
PPT			e	eLR	16 47 02.0
PPT			e	LR	16 48 52.2
CMB	Columbia Colle	75.36 320	eP	pmx	16 23 43.8 -0.3
CMB			e	MLR	
CMB			e	MLR	
CMB			e	P	16 23 43.8 -0.3
CMB			e	LR	
F18A	Big Timber	75.45 332	P	P	16 23 44.2 -0.1
G17A	Pierce Place,	75.46 331	P	P	16 23 45.2 +0.7
E19A	Rath Farm, Rou	75.48 333	P	P	16 23 44.6 +0.1
J13A	Cove Ranch, Pi	75.66 328	P	P	16 23 46.6 +1.0
I14A	Mackay	75.69 329	P	P	16 23 46.7 +0.9
D20A	Manuel Ranch,	75.71 334	P	P	16 23 45.6 -0.2
H15A	Lima	75.81 330	P	P	16 23 47.4 +0.9
WCN	Washoe City	75.83 322	eP	pmx	16 23 47.3 +0.6
WCN			e	pmx	
WCN			e	P	16 23 47.3 +0.6
C21A	Desert Coulee	75.87 335	P	P	16 23 46.5 -0.3
F17A	Fitzpatrick Pl	75.87 332	P	P	16 23 47.2 +0.4
G16A	Moss Hill, Em	75.88 330	P	P	16 23 47.1 +0.3
PAHR	Pat Rah Range	75.88 322	eP	P	16 23 47.4 +0.4
PAHR			e	P	16 23 58.8
HLID	Hailey	75.90 328	eP	P	16 23 47.8 +0.7
HLID					

E14A	Clinton	77.55 330	P	P	16 23 57.0 +0.7
D15A	Lincoln	77.57 331	P	P	16 23 56.6 +0.2
HOPS	Hopland	77.59 320	PFAKE	LR	16 24 10.0 +1.3
SYO	SYowa Base	77.70 160	P	P	16 23 55.2 -1.7
SYO	SYowa Base	77.70 160	P	P	16 24 06.6 +8.4
LBCM	Butte Creek Ri	77.76 322	P	P	16 23 57.1 -0.4
B17A	L&G Farms, Che	77.77 333	P	P	16 23 57.0 -0.4
C16A	Fuhringer Ranc	77.80 332	P	P	16 23 57.6 -0.1
CHMT	Chamberlain Mo	77.81 331	P	P	16 23 57.6 -0.1
J08A	Circle Bar Ran	77.85 326	P	P	16 23 58.6 +0.6
A18A	Metzger Ranch,	77.86 334	P	P	16 23 57.3 -0.6
MOD	Modoc	77.86 324	P	P	16 23 57.9 -0.2
MOD	Modoc	77.86 324	P	P	16 23 57.9 -0.2
E13A	Victor	77.89 330	P	P	16 23 58.7 +0.5
F12A	Elk City	77.90 329	P	P	16 23 58.4 +0.1
D14A	Greenough	78.05 331	P	P	16 23 59.3 +0.2
M50	Missoula	78.06 330	P	P	16 23 59.8 +0.7
MSO	Missoula	78.06 330	P	P	16 23 59.5 +0.3
MSO	Missoula	78.06 330	P	P	16 23 59.5 +0.3
C15A	Salmond Ranch,	78.16 332	P	P	16 24 00.1 +0.5
SLMT	Seeley Lake	78.16 331	P	P	16 23 59.6 -0.1
A17A	Triple J Farms	78.23 333	P	P	16 23 59.7 -0.3
WDC	Whiskeytown Da	78.28 321	P	P	16 23 58.7 -1.8
WDC	Whiskeytown Da	78.28 321	P	P	16 23 58.7 -1.8
WDC	Whiskeytown Da	78.28 321	P	P	16 23 58.7 -1.8
KCPM	Cahito Peak	78.33 320	P	P	16 24 01.8 +1.0
D13A	Huson	78.50 330	P	P	16 24 01.9 +0.3
E12A	Beaver Dam Sad	78.53 329	P	P	16 24 01.6 -0.1
B15A	Bradley Ranch,	78.55 332	P	P	16 24 01.3 -0.5
SWMT	Swartz Lake	78.59 331	P	P	16 24 01.9 -0.1
A16A	West Butte Ran	78.61 333	P	P	16 24 01.9 -0.2
C14A	Swan Lake	78.67 331	P	P	16 24 02.8 +0.4
K05A	Summer Lake	78.74 324	P	P	16 24 03.7 +0.8
CVNA	Calvinia	78.81 119	P	P	16 24 04.3 +0.5
YBMT	Yellow Bire	78.86 331	P	P	16 24 03.7 +0.2
YBMT	Yellow Bire	78.86 331	P	P	16 24 03.7 +0.2
D12A	Red Ives Fores	78.89 330	P	P	16 24 03.6 -0.1
I07A	Jete	78.89 326	P	P	16 24 04.2 +0.4
JTMT	Jete	78.90 331	P	P	16 24 03.7 0.0
C13A	Hot Springs	79.08 331	P	P	16 24 04.5 +0.3
F10A	Beach Ranch, E	79.13 328	P	P	16 24 04.7 +0.2
YBH	Yreka Blue Hor	79.12 322	P	P	16 24 03.8 -1.3
YBH	Yreka Blue Hor	79.12 322	P	P	16 24 03.8 -1.3
YBH	Yreka Blue Hor	79.12 322	P	P	16 24 03.8 -1.3
YBH	Yreka Blue Hor	79.12 322	P	P	16 24 03.8 -1.3
A15A	Johnson Ranch,	79.12 332	P	P	16 24 04.1 -0.8
BLMT	Blacktail Moun	79.13 331	P	P	16 24 04.7 -0.3
KHMM	Horse Mountain	79.17 321	P	P	16 24 05.3 -0.1
KHMM	Horse Mountain	79.17 321	P	P	16 24 05.3 -0.1
BSMT	Bassoo Peak	79.21 331	P	P	16 24 05.6 +0.2
SUR	Sutherland	79.40 121	PFAKE	LR	16 24 20.0 +1.3
A14A	Double T Ranch	79.42 332	P	P	16 24 06.1 -0.4
C12B	Naegeli Ranch,	79.42 330	P	P	16 24 07.0 +0.5
G08A	Pilot Rock	79.43 327	P	P	16 24 06.9 +0.2
B13A	Whitefish	79.44 331	P	P	16 24 06.7 0.0
LNOR	Linnton Mounta	79.48 328	P	P	16 24 06.0 -1.0
LNOR	Linnton Mounta	79.48 328	P	P	16 24 06.0 -1.0
KRMB	Red Mountain	79.68 321	P	P	16 24 07.9 -0.2
KRMB	Red Mountain	79.68 321	P	P	16 24 07.9 -0.2
WALA	Waterton Lakes	79.70 332	P	P	16 24 07.7 -0.3
VIPM	Ingram Point	79.77 325	P	P	16 24 08.9 +0.4
FFC	Flin Flon	79.82 341	P	P	16 24 08.0 -0.6
FFC	Flin Flon	79.82 341	P	P	16 24 20.0 +1.1
FFC	Flin Flon	79.82 341	P	P	16 24 07.7 -0.9
A13A	Flathed Natio	79.83 332	P	P	16 24 09.1 +0.3
E09A	Wood Farm, Sta	79.86 328	P	P	16 24 08.6 -0.4
C11A	Tepee Creek (N	79.88 330	P	P	16 24 09.1 0.0
G06A	Carlson Farm,	79.86 326	P	P	16 24 09.1 +0.7
A12A	Yaak River Ran	80.39 331	P	P	16 24 12.1 +0.3
HAWA	Hanford	80.47 327	P	P	16 24 12.2 -0.1
HAWA	Hanford	80.47 327	P	P	16 24 12.2 -0.1
RSW	Rattlesnake Hi	80.50 327	P	P	16 24 12.6 +0.2
PFVI	Vila Bisbo	80.58 45	P	P	16 24 24.3
PFVI	Vila Bisbo	80.58 45	P	P	16 24 35.9 +1.5
NEW	Newport	80.59 330	P	P	16 24 11.9 -1.0
NEW	Newport	80.59 330	P	P	16 24 11.8 -1.0
NEW	Newport	80.59 330	P	P	16 24 11.8 -1.0
BROR	Big Rock Looko	80.60 324	P	P	16 24 12.5 -0.5
D08A	Wollman Farm,	80.62 328	P	P	16 24 13.1 0.0

TSUM	Tsumeb	80.63 107	P	P	16 24 14.5 +0.7
TSUM	Tsumeb	80.63 107	P	P	16 24 14.5 +0.7
H04A	Detroit Lake	80.73 325	P	P	16 24 13.2 -0.5
OD2	Odessa Site #2	80.75 328	P	P	16 24 13.8 +0.1
VFP	Flag Point	80.75 326	P	P	16 24 14.2 +0.3
KEBM	Edson Butte	80.77 322	P	P	16 24 14.1 +0.1
MORF	Marmetele	80.79 45	P	P	16 24 15.1 +0.9
MORF	Marmetele	80.79 45	P	P	16 24 15.1 +0.9
MORF	Marmetele	80.79 45	P	P	16 24 15.1 +0.9
MORF	Marmetele	80.79 45	P	P	16 24 15.1 +0.9
C09A	Chrisman Ranch	80.82 329	P	P	16 24 14.2 +0.1
DPW	Davenport	80.83 329	P	P	16 24 14.3 +0.1
HOOD	Mount Hood Mea	80.86 325	P	P	16 24 14.3 -0.1
PTEO	Sao Teotonia	80.88 44	P	P	16 24 16.3 +1.6
UPI	Uppington	80.98 117	P	P	16 24 16.0 +0.4
G04A	Mulino	81.22 325	P	P	16 24 16.6 +0.3
PBDV	Barranco-do-Ve	81.23 45	P	P	16 24 17.5 +0.9
PBDV	Barranco-do-Ve	81.23 45	P	P	16 24 17.5 +0.9
PBDV	Barranco-do-Ve	81.23 45	P	P	16 24 17.5 +0.9
COR	Corvallis	81.27 324	P	P	16 24 16.7 +0.1
COR	Corvallis	81.27 324	P	P	16 24 16.7 +0.1
COR	Corvallis	81.27 324	P	P	16 24 16.7 +0.1
COR	Corvallis	81.27 324	P	P	16 24 16.7 +0.1
PMAFR	Mafr	81.31 43	P	P	16 34 34.2 +5.8
PMAFR	Mafr	81.31 43	P	P	16 50 04.4
MPOR	Mary's Peak	81.36 324	P	P	16 24 17.5 +0.4
PCVE	Castro Verde	81.38 45	P	P	16 24 17.9 +0.6
PCVE	Castro Verde	81.38 45	P	P	16 24 17.9 +0.6
FCC	Fort Churchill	81.42 347	P	P	16 34 35.8 +6.6
PVAO	Vaqueiros	81.46 45	P	P	16 24 18.6 +0.8
PVAO	Vaqueiros	81.46 45	P	P	16 24 18.6 +0.8
PVAO	Vaqueiros	81.46 45	P	P	16 24 18.6 +0.8
F04A	Amboy	81.66 326	P	P	16 24 18.5 -0.2
EGRO	El Granado	81.69 45	P	P	16 24 19.2 +0.2
ETW	Entiat	81.69 328	P	P	16 24 18.9 +0.1
PBEJ	Beja	81.71 44	P	P	16 24 19.9 +0.8
WPW	White Pass	81.71 327	P	P	16 24 18.4 -0.5
B08A	Collie Reser	81.72 319	P	P	16 24 18.4 -0.5
PKA	Prieska	81.82 112	P	P	16 24 20.4 +0.4
PKA	Prieska	81.82 112	P	P	16 24 20.4 +0.4
LOX	Longmire	81.88 326	P	P	16 24 18.8 -1.0
LOX	Longmire	81.88 326	P	P	16 24 18.8 -1.0
LOX	Longmire	81.88 326	P	P	16 24 18.8 -1.0
EVO	Evora	81.89 44	P	P	16 24 21.6 +1.5
H0B0	Mount Hebo	81.92 324	P	P	16 24 20.0 -0.1
SFS	San Fernando	81.97 46	P	P	16 24 30.0 +9.5
D05A	Enumclaw	82.26 327	P	P	16 24 21.4 -0.3
PBAR	Barrancos	82.33 45	P	P	16 24 22.8 +0.4
PBAR	Barrancos	82.33 45	P	P	16 24 22.8 +0.4
PBAR	Barrancos	82.33 45	P	P	16 24 22.8 +0.4
PESTR	Estremoz	82.35 44	P	P	16 34 29.8 -9.4
PESTR	Estremoz	82.35 44	P	P	16 49 10.4
EMIN	Mina Concepcio	82.36 45	P	P	16 24 22.4 -0.2
ESPR	Espera	82.42 46	P	P	16 24 23.1 +0.2
EJIF	Jimena Fronter	82.47 47	P	P	16 24 24.0 +0.9
EJIF	Jimena Fronter	82.47 47	P	P	16 24 24.0 +0.9
EDM	Edmonton	82.58 335	P	P	16 24 21.4 -1.9
EDM	Edmonton	82.58 335	P	P	16 24 21.4 -1.9
EDM	Edmonton	82.58 335	P	P	16 24 21.4 -1.9
EDM	Edmonton	82.58 335	P	P	16 24 21.4 -1.9
PMRV	Marv??o	82.79 43	P	P	16 24 25.1 +0.4
PMRV	Marv??o	82.79 43	P	P	16 24 25.1 +0.4
PMRV	Marv??o	82.79 43	P	P	16 24 25.1 +0.4
PMRV	Marv??o	82.79 43	P	P	16 24 25.1 +0.4
RPW	Rockport	82.85 328	P	P	16 24 23.7 -1.1
RPW	Rockport	82.85 328	P	P	16 24 23.7 -1.1
B06A	Marblemount	82.88 328	P	P	16 24 24.2 -0.8
JCW	Jim Creek	82.89 328	P	P	16 24 24.0 -1.1
GNW	Green Mountain	82.94 327	P	P	16 24 23.8 -1.5
GNW	Green Mountain	82.94 327	P	P	16 24 23.8 -1.5
GNW	Green Mountain	82.94 327	P	P	16 24 23.8 -1.5
PCBR	Castelo Branco	82.96 43	P	P	16 24 26.1 +0.5
EMJ	Mijas	83.00 47	P	P	16 24 26.0 +0.1
SOE	Somerset Est	83.10 122	P	P	16 24 27.1 +0.4
SOE	Somerset Est	83.10 122	P	P	16 24 27.1 +0.4
PVIS	Visou	83.19 42	P	P	16 24 27.5 +0.7
MTE	Manteigas	83.23 43	P	P	16 24 26.9 -0.1
MTE	Manteigas	83.23 43	P	P	16 24 26.9 -0.1
MTE	Manteigas	83.23 43	P	P	16 24 26.9 -0.1
MTE	Manteigas	83.23 43	P	P	16 24 26.9 -0.1
MTE	Manteigas	83.23 43	P	P	16 24 27.1 +0.1
NLWA	Neilton Lookou	83.37 326	P	P	16 24 27.1 -0.4
NLWA	Neilton Lookou	83.37 326	P	P	16 24 27.1 -0.4
NLWA	Neilton Lookou	83.37 326	P	P	16 24 27.1 -0.4
NLWA	Neilton Lookou	83.37 326	P	P	16 24 27.1 -0.4
A05A	Maple Falls	83.50 328	P	P	16 24 27.6 -0.5
PCAB	Cabril	83.66 41	P	P	16 24 29.3 +0.1
ELOB	Lobios	83.73 41	P	P	16 24 28.7 -0.8
ELOJ	Sierra Loja	83.73 47	P	P	16 24 30.0 +0.4
ELOJ	Sierra Loja	83.73 47	P	P	16 24 30.0 +0.4
ELOJ	Sierra Loja	83.73 47	P	P	16 24 30.0 +0.4
ELOJ	Sierra Loja	83.73 47	P	P	16 24 30.0 +0.4
HVD	Gariep Dam	83.75 120	P	P	16 24 30.9 +0.8
HVD	Gariep Dam	83.75 120	P	P	16 24 30.9 +0.8
FRB	Frobisher Bay	83.77 0	P	P	17 05 30.1
ELUO	Luque	83.86 46	P	P	16 24 31.1 +0.8
ELUO	Luque	83.86 46	P	P	16 24 31.1 +0.8
ELUO	Luque	83.86 46	P	P	16 24 31.1 +0.8

ERON	Agron	83.90 47	P	P	16 24 30.7 +0.2
PGC	Sidney	83.96 327	P	P	16 24 30.2 -0.3
PGC	Sidney	83.96 327	P	P	16 24 30.2 -0.3
EADA	Adamuz	83.97 46	P	P	16 24 41.3
MVO	Moncorvo	83.98 42	P	P	16 24 31.1 +0.3
MVO	Moncorvo	83.98 42	P	P	16 24 31.1 +0.3
MVO	Moncorvo	83.98 42	P	P	16 48 21.7
MVO	Moncorvo	83.98 42	P	P	16 53 09.5
MVO	Moncorvo	83.98 42	P	P	16 24 31.0 +0.1
EPLA	Plasencia	83.99 43	P	P	16 24 29.4 -1.5
EPLA	Plasencia	83.99 43	P	P	16 24 29.4 -1.5
EPLA	Plasencia	83.99 43	P	P	16 24 29.4 -1.5
STS	Santiago	84.00 40	P	P	16 24 32.2 +1.3
STS	Santiago	84.00 40	P	P	16 24 32.2 +1.3
STS	Santiago	84.00 40	P	P	16 24 32.2 +1.3
STS	Santiago	84.00 40	P	P	16 24 32.2 +1.3
ECOG	Cogollos-Vega	84.20 47	P	P	16 24 32.3 +0.3
ECOG	Cogollos-Vega	84.20 47	P	P	1







Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ASHO Ashijah, ASUD Al Ashush, KRBR Kerman, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRBR Kerman, KRBR Kerman, KRBR Kerman, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IRAZ Razeghan, IRAZ Razeghan, IRAZ Razeghan, etc.

IDC 10 17:46:00.5-2.3, 17.96S-69.47W, h124km, 22km, mb1 3.5/4, mb1mx3.2/19, mbtmp3.5/4, Error ellipse: s-maj=30.2km s-min=27.5km az=136.0, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, etc.

OMAN 10 18:20:26.9, 13.0, 27.28N-55.98E, h10km, Error ellipse: s-maj=8.4km s-min=3.5km az=337.0

IDC 10 18:20:28.0-0.6, 26.82N-55.97E, h0km, ML4.0/21, mb1 4.1/25, mb1mx4.0/33, mbtmp4.0/25, ML4.0/4, MS3.6/3, s-min=13.7km az=160.0

TEH 10 18:20:29.5, 26.73N-55.82E, h23km, ISCB 10 18:20:29.6-0.2, 26.83N-55.80E, h0km, mb4.0/28, MS3.7/2, Error ellipse: s-maj=3.6km s-min=3.1km az=176.8

BUI 10 18:20:29.1, 27.10N-55.80E, h8km, mb4.4/5, Ms4.3/1, Ms7.4/0/1

CSEM 10 18:20:31.3-0.1, 26.82N-55.86E, h10km, mb4.0/19, Error ellipse: s-maj=5.4km s-min=4.2km az=77.0

MOS 10 18:20:32.1-1.2, 26.85N-55.89E, h33km, mb4.2/16, Error ellipse: s-maj=13.9km s-min=8.3km az=112.0

SGS 10 18:20:33.6, 26.70N-55.73E, h10km, THR 10 18:20:34.2-0.6, 27.11N-55.78E, h8km, ML3.9, NEIC 10 18:20:34.1, 27.11N-55.77E, h8km, mb4.0/9, ML3.9(THR), MN4.2(TEH), After THR.

ISC 10 18:20:31.4-0.2, 26.82N-0.02-55.83E, h10km, n215, e122/231, mb4.0/28, MS3.7/2, 2C-2D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BNDS Bandar-Abbas, BNDS Bandar-Abbas, BNDS Bandar-Abbas, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRBR Kerman, KRBR Kerman, KRBR Kerman, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IRAZ Razeghan, IRAZ Razeghan, IRAZ Razeghan, etc.





Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like San Jose de Ma, Col Las Americ, Penalolen, Cerro Calan, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like Talagante, El Canelo, Jahuel, Antumapu, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like Ovale, Las Campanas, Paso Flores, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like BND, BND, BND, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like ICH, ICH, NAS, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like WRA, ASAR, STKA, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like RLS, RLS, UPR, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like KALE, KALE, KFL, etc.

ISCJB 10 19:03:14.1±1.2, 26.90N, 0.04±5.85E, h0km, mb3.7/8, Error ellipse: s-maj=8.4km s-min=6.6km az=164.3

CSEM 10 19:03:14.7±0.2, 26.93N, 55.87E, h2km, ML3.4, Error ellipse: s-maj=7.4km s-min=6.4km az=87.0

NEIC 10 19:03:15.4, 27.04N, 55.91E, h3km, mb3.5/1, ML3.4(THR), After THR

ISIRI 10 19:03:15.2±1.0, 26.27N, 55.11E, h6km, 999km, ML4.0

ISIRI 10 19:03:16.3±0.9, 26.88N, 56.14E, h10km, Error ellipse: s-maj=5.17km s-min=19.6km az=38.0

ISIRI 10 19:03:17.2, 26.88N, 55.93E, h12km

ISIRI 10 19:03:15.2±1.1, 26.86N, 0.04±5.87E, h4km, 8km, n39, e112/47, mb3.7/8, Southern Iran

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Res. Includes stations like CMAR, GUN, PKI, etc.

ISCJB 10 19:03:59.1±1.1, 31.54N, 104.03E, h0km, mb3.3/4, mb3.3/4, mb1mx3.3/23, mbtmp3.3/5, ML3.0/1, Error ellipse: s-maj=90.4km s-min=20.0km az=60.0

ISCJB 10 19:10:36.3±1.2, 31.62N, 0.09±10.43E, 0.1, h15km, 10km, mb3.2/4, Error ellipse: s-maj=21.1km s-min=9.8km az=39.5

BUI 10 19:10:41.5, 31.60N, 103.99E, h14km, ML3.0/8

ISC 10 19:10:38.5±1.2, 31.61N, 0.08±10.42E, 0.1, h15km, 10km, n8, 059/10, mb3.2/4, Sichuan

ISCJB 10 19:11:51.4±0.5, 24.81N, 0.03±121.71E, 0.03, h77km, 3km, Error ellipse: s-maj=5.4km s-min=3.3km az=152.8

TAP 10 19:11:51.4±0.2, 24.78N, 121.69E, h73km, ML3.6, B

JMA 10 19:11:51.5±0.2, 25.33N, 121.98E, h32km, M2.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NSY, TWQ1, ES, TCU, SMLT, TYC, YOJ, WNT, EHY, YUS, TW1, CHNS, WKG, ALS, ELDTW, CHY, WSF, WTP, STYT, IRIF, CHNI, SGST, TWG, CHN3, JKRS, KASI, PNG, etc.

IDC 10 19:20:23.4, 3.1, 4.91S; 102.07E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/19, mbtmp3.8/8, MS3.7/1, Ms1 3.7/1, ms1mx2.7/21, Error ellipse: s-maj=132.6km s-min=16.6km az=56.0

ISCJB 10 19:20:26.3, 2.4, 5.1S; 0.1, 101.8E; 0.1, h44km, 20km, mb3.8/8, Error ellipse: s-maj=24.4km s-min=13.5km az=144.0

DJA 10 19:20:29.2, 4.0S; 103.44E, h10km, MLV4.0/5, ISC 10 19:20:26.4, 3.8, 5.0S; 0.09, 101.81E; 0.07, h27km, 26km, n16, c0564/15, mb3.8/8, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MNAI, KSI, LWLI, MDSI, KASI, KLSI, CMAR, FITZ, NWAO, WRA, STKA, SONM, ZALV, TXAR, etc.

IDC 10 19:25:39.5, 3.4, 28.28N; 82.67E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.4/22, mbtmp3.4/5, ML3.8/1, Error ellipse: s-maj=11.6km az=58.0 5 km NW of Teils, Austria

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR, ZALV, SONM, WRA, ASAR, etc.

VIE 10 19:30:18.9, 0.5, 47.34N; 11.02E, h8km, 4km, mb0.5/1, ML1.5/4, 4C-3D, Error ellipse: s-maj=2.7km s-min=1.6km az=58.0 5 km NW of Teils, Austria

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MOTA, MOTA, MOTA, SOTA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SOTA, RETA, FETA, etc.

IDC 10 19:36:05.3, 9.4, 11.49N; 92.69E, h0km, mb3.3/3, mb1 3.4/3, mb1mx3.2/20, mbtmp3.3/3, Error ellipse: s-maj=508.5km s-min=29.9km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR, WRA, ASAR, etc.

NEIC 10 20:26:42.2, 2.9, 0.03S; 123.29E, h86km, 29km, mb4.6/4, Error ellipse: s-maj=28.0km s-min=10.1km az=57.0

IDC 10 20:26:43.8, 2.9, 0.02N; 123.38E, h102km, 26km, mb3.5/11, mb1 3.7/12, mb1mx3.6/21, mbtmp3.5/12, Error ellipse: s-maj=35.3km s-min=12.2km az=67.0

ISCJB 10 20:26:44.3, 0.3, 0.24S; 0.04, 123.07E; 0.04, h125km, 4km, mb4.2/20, Error ellipse: s-maj=6.7km s-min=5.9km az=165.8

DJA 10 20:26:46.0, 3.0S; 123.12E, h101km, MLV4.7/8, ISC 10 20:26:45.4, 0.3, 0.25S; 0.04, 123.07E; 0.04, h119km, 4km, n37, c093/42, mb4.2/20, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LUWI, KMSI, KMSI, APSI, MNI, MNI, TOLI, TTI, TTI, SPSI, NLAI, NLAI, KAPI, BKSI, FITZ, WRA, WRA, ASAR, ASAR, CMAR, CHTO, ENH, STKA, STKA, MJAR, LSA, ODAN, GUN, PKI, PKIN, PKIN, DMN, DMN, KOLN, DANN, SONM, MKAR, KBL, ZALV, BVAR, ILAR, ARCES, etc.

IDC 10 20:47:06.9, 3.8N; 125.75E, h17km, mb4.2, ML3.0, MS2.7, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BUTP, BUTP, SCPH, MSLP, MSLP, BUKP, etc.

IDC 10 20:51:14.3, 8.7, 17.07S; 175.14W, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.5/17, mbtmp3.3/3, Error ellipse: s-maj=381.0km s-min=39.0km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, ILAR, etc.

IDC 10 20:52:09.8, 1.2, 32.17N; 105.35E, h0km, mb3.5/4, mb1 3.5/6, mb1mx3.4/23, mbtmp3.3/6, ML3.5/1, Error ellipse: s-maj=61.7km s-min=20.6km az=63.0

ISCJB 10 20:52:10.3, 1.5, 32.01N; 0.06, 104.88E; 0.09, h4km, 12km, mb3.4/4, Error ellipse: s-maj=13.3km s-min=8.6km az=21.5

BUI 10 20:52:18.6, 31.91N; 104.36E, h12km, ML3.2/10, ISC 10 20:52:12.6, 1.7, 31.97N; 0.06, 104.81E; 0.09, h10km, 13km, n9, c083/13, mb3.4/4, 1C, Sichuan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CD2, CD2, CD2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CD2, XAN, XAN, XAN, XAN, LZH, LZH, LZH, LZH, LZH, etc.

IDC 10 20:57:20.7, 2.1, 6.80S; 129.56E, h0km, mb3.6/1, mb1 3.4/4, mb1mx3.3/17, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=78.6km s-min=28.3km az=77.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, MKAR, etc.

CSEM 10 21:09:45.6, 38.77N; 30.12W, h10km, ML3.0, After PDA PDA 10 21:09:45.6, 0.9, 38.77N; 30.12W, h10km, MD3.5, ML3.0, Error ellipse: s-maj=21.2km s-min=8.4km az=12.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, PCED, CALA, CALA, CALA, HOR, HOR, HOR, PCAN, PCAN, PCAN, etc.

NIED 10 21:42:00.44, 00N; 147.20E, h65km, Mw3.9 Best double couple: M7.01000x1014 NP1.0e267.00000, 882.00000, 1.102.00000, NP2.0e32.00000, 814.00000, 1.35.00000

JMA 10 21:42:02.2, 0.3, 44.01N; 147.23E, h63km, M3.9, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NEM2, NEM2, JRA, JRA, JNK, JNK, JAK, JAK, JTKR, JTKR, JAR, JAR, JOB, JOB, JMP, JMP, JCH, JCH, JWK2, JWK2, ASAJ, ASAJ, etc.

IDC 10 21:59:52.0, 1.6, 50.87N; 169.48W, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/26, mbtmp3.4/6, ML3.5/1, Error ellipse: s-maj=44.9km s-min=29.8km az=170.0

ISCJB 10 21:59:52.0, 9.9, 51.12N; 0.08, 169.64W; 0.10, h10km, mb3.5/5, Error ellipse: s-maj=12.9km s-min=7.5km az=153.0

NEIC 10 21:59:56.6, 51.17N; 169.73W, h10km, ML3.0(AEIC), After AEIC

ISC 10 21:59:54.6, 0.1, 51.17N; 0.09, 169.67W; 0.10, h10km, n11, c094/14, mb3.5/5, Fox Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NIKO, NIKO, ATKA, ATKA, UNV, UNV, KDAK, KDAK, ILAR, ILAR, PDAR, PDAR, SONM, SONM, MKAR, MKAR, NOA, NOA, ASAR, ASAR, etc.

IDC 10 22:23:16.2, 16.2, 7.904N; 93.16E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.2/1, mbtmp3.3/4, ML3.4/3, MS3.3/2, ms1mx2.9/21, Error ellipse: s-maj=79.4km s-min=28.9km az=67.0

ISCJB 10 22:23:18.7, 0.8, 8.98N; 0.10, 93.18E; 0.09, h33km, mb3.8/8, MS3.6/3, Error ellipse: s-maj=14.5km s-min=11.5km az=29.6

NEIC 10 22:23:20.5, 2.9, 9.05N; 93.18E, h30km, 24km, mb4.1/5, Error ellipse: s-maj=12.4km s-min=9.5km az=205.0

ISC 10 22:23:18.8, 3.4, 9.05N; 0.11, h16km, 23km, n17, c087/17, mb3.8/8, MS3.6/3, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CD2, CD2, CD2, etc.



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

WEL 10 23:09:31.9-0.5, 38.31S-175.83E, h174km, 4km, ML3.6/7, North Island Error ellipse: s-maj=3.5km s-min=3.5km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FWZ Far West T-bar, BKZ Black Stump Fm, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBTB Lobatse, CMAR Chiang Mai Arr, ASAR Alice Springs, etc.

IDC 10 23:38:25.8-2.6, 38.44N-141.50E, h0km, mb3.5/4, mb1 3.5/5, mb1mx3.4/22, mbtmp3.4/5, ML2.3/1, Error ellipse: s-maj=65.0km s-min=27.3km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNS Sasagawa, JFY Yanaizu, JFT Otama, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, WB2 Warramunga Arr, etc.

IDC 10 23:40:03.2-0.7, 22.09S-175.63W, h0km, mb4.2/11, mb1 4.5/13, mb1mx4.3/21, mbtmp4.3/13, ML3.5/2, Error ellipse: s-maj=28.7km s-min=16.3km az=141.0

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

IDC 10 23:40:03.2-0.7, 22.09S-175.63W, h0km, mb4.2/11, mb1 4.5/13, mb1mx4.3/21, mbtmp4.3/13, ML3.5/2, Error ellipse: s-maj=28.7km s-min=16.3km az=141.0

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

IDC 10 23:40:03.2-0.7, 22.09S-175.63W, h0km, mb4.2/11, mb1 4.5/13, mb1mx4.3/21, mbtmp4.3/13, ML3.5/2, Error ellipse: s-maj=28.7km s-min=16.3km az=141.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBA Scott Base, MBWA Marble Bar, CASY Casey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, ANMO Albuquerque, TRF Thorfare Maun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, ILAR Eielson Array, HHC Huo-hao-tse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, TBG Guadalupe-3, UCH Urchin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Bucovina Array, VRI Vrincoiaia, BRG Bergliesshubel, etc.

NEIC 10 23:42:43.1, 18.38N-68.92W, h129km, MD3.7(RSPR), After RSPR, RSPR 10 23:42:43.1, 18.38N-68.92W, h129km, 3km, MD3.7/5, 7C-12, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMNI Samana, DR 0.87 337', AGPR Agudilla, LSP Las Mesas, etc.

SZGRF 10 23:59:30.4, 0.53N-128.38E, h100km, Halmahera, Indonesia BUJ 10 23:59:57.5, 1.52N-127.69E, h94km, MB6.8/2, mb6.3/66

MOS 11 00:00:02.9-0.9, 1.90N-127.40E, h15km, mb6.3/51, MS7.3/4, Error ellipse: s-maj=7.2km s-min=4.4km az=116.4

NEIC 11 00:00:02.7-0.1, 1.89N-127.36E, h96km, mb6.2/67, ME6.4, MW6.6, MW6.5 Error ellipse: s-maj=3.7km s-min=3.3km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, SGSI Sangihe, MNI Manado, etc.



Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KCP, MRSI, BUKP, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LEM, PPBI, TNG, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR, Alice Springs, Sungai Dareh, etc.



Table with columns for station name, coordinates, and various data points. Includes stations like Chiang Mai, Kunming, West Island, Korea Array, and Narrogin (SRO).

Table with columns for station name, coordinates, and various data points. Includes stations like Narrogin (SRO), Stephens Creek, Xi'an, Chengdu, Dalian, Taiyuan, Beijing, and Baotou.

Table with columns for station name, coordinates, and various data points. Includes stations like Lanzhou, Vladivostok, Agartala, Hu-ho-hao-te, Baotou, Chanchun, Wake Island, Canberra, and Lhasa.





Table of astronomical observations for 11d Oh, listing objects like PRGR Permogore, SKLM Skilak Lake, and others with their coordinates and observation details.

Table of astronomical observations for 2008 SEP, listing objects like VSR comp=E,140nm,0.8s, VSR comp=Z,360nm,0.8s,mb6.3, and others with their coordinates and observation details.

Table of astronomical observations for 2008 SEP, listing objects like BRTR comp=Z,42nm,0.9s,baz=102,slow=5.2,SNR=5.6, BRTR comp=Z,9.8nm,0.8s,baz=110,slow=8.4,SNR=3.6, and others with their coordinates and observation details.







RR12		ePP	PP	00 19 03.7 +0.6		
RR12		ePKKPbc	PKKPbc	00 29 24.4 +0.1		
RR12		ePKKPab	PKKPab	00 29 33.9 -0.2		
IMW	Indian Meadow	110.86	41	ePdif	Pdif	00 14 27.7 +2.8
IMW		ePKKP	PKKP	00 18 26.7 +2.1		
IMW		ePP	PP	00 19 14.2 +0.9		
IMW		ePKKPbc	PKKPbc	00 29 24.2 0.0		
IMW		ePKKPab	PKKPab	00 29 34.4 +0.4		
SPUT	South Promonto	110.86	44	ePKKP	PKKP	00 18 26.1 +1.4
SPUT		ePP	PP	00 19 04.6 +1.2		
SPUT		ePKKPbc	PKKPbc	00 29 24.6 +0.5		
SPUT		ePKKPab	PKKPab	00 29 34.0 +0.3		
GCMT	Greycliff	110.88	39	ePKKP	PKKP	00 18 26.2 +1.5
GCMT		ePP	PP	00 19 04.6 +1.3		
GCMT		ePKKPbc	PKKPbc	00 29 24.9 +0.7		
GCMT		ePKKPab	PKKPab	00 29 34.5 +0.7		
FLWY	Flagg Ranch	110.94	41	ePKKPbc	PKKPbc	00 29 23.6 +0.3
FLWY		ePKKPab	PKKPab	00 29 33.7 +0.1		
N15A	Stansbury Isla	110.97	45	PKIKP	PKIKP	00 18 25.4 +0.4
DVTC	Desert V Tower	110.98	54	PKIKP	PKIKP	00 18 25.5 +0.2
C20A	Veseth Ranch	111.02	37	PKIKP	Pdif	00 14 28.1 +2.3
C20A				PKIKP	PKIKP	00 18 24.9 0.0
DUG	Dugway	111.02	45	PKIKP	Pdif	00 14 27.3 +1.5
DUG				ePKIKP	PKIKP	00 18 25.6 +0.5
DUG				ePKIKP	PKIKP	00 18 25.6 +0.5
T1AW	Teton Pass	111.02	42	ePKKPbc	PKKPbc	00 29 23.1 -0.5
T1AW				ePKKPab	PKKPab	00 29 32.9 +0.3
N15A	Nelson	111.04	51	PKIKP	PKIKP	00 18 24.6 -0.7
MOOV	Moose Ponds	111.05	41	ePKKPbc	PKKPbc	00 29 22.8 -0.8
P14A	Drum Mountains	111.06	46	PKIKP	Pdif	00 14 28.7 +2.7
P14A				PKIKP	PKIKP	00 18 24.8 -0.4
Q14A	Sevier Lake (B	111.13	47	PKIKP	Pdif	00 14 29.4 +3.1
REDW	Red Top Meadow	111.14	42	ePKIKP	PKIKP	00 18 26.3 +1.1
REDW				ePP	PP	00 19 06.5 +1.3
REDW				eSKPdf	SKPdf	00 21 53.5 +1.5
REDW				ePKKPbc	PKKPbc	00 29 23.6 -0.1
SNOW	Snow King Moun	111.17	42	ePKKP	PKKP	00 18 26.0 +0.7
SNOW				ePKKP	PKKP	00 19 02.9 +0.3
SNOW				ePKKPab	PKKPab	00 29 32.0 -0.6
S13A	Holt Ranch, En	111.18	48	PKIKP	PKIKP	00 18 24.5 -1.0
LOHW	Long Hollow	111.20	41	ePdif	PKIKP	00 14 31.9 +5.2
LOHW				ePKIKP	PKIKP	00 18 26.5 +1.2
LOHW				ePP	PP	00 19 07.0 +1.3
BC3	Big Chuckawall	111.21	53	PKIKP	Pdif	00 14 30.4 +3.8
BC3				PKIKP	PKIKP	00 18 26.5 +0.8
D20A	Manuel Ranch,	111.23	37	PKIKP	Pdif	00 14 29.5 +2.8
L16A	Fish Haven	111.29	43	PKIKP	PKIKP	00 18 25.4 -0.1
IRM	Iron Mountain	111.30	52	PKIKP	Pdif	00 14 28.5 +1.5
IRM				PKIKP	PKIKP	00 18 25.1 -0.7
T13A	Saint George	111.34	49	PKIKP	Pdif	00 14 27.7 +0.5
NOQ	North Oquirrh	111.34	45	ePKIKP	PKIKP	00 18 26.7 +1.1
NOQ				ePP	PP	00 19 07.6 +0.8
NOQ				eSKPdf	SKPdf	00 21 54.4 +1.1
KEST	Keasa	111.35	310	ePKKP	PKKP	00 18 26.1 +0.2
KEST	comp=Z,2.7nm,0.7s,baz=129,slow=0.9,SNR=12			ePKKPbc	PKKPbc	00 29 21.4 -0.9
KEST	comp=Z,4.4nm,0.6s,baz=129,slow=4.8,SNR=18			ePKKP	PKKP	00 18 26.2 +0.4
KEST	Keasa	111.35	310	ePKKP	PKKP	00 19 08.2 +1.1
HWUT	Hardware Ranch	111.36	44	ePdif	PKIKP	00 14 31.2 +3.9
HWUT				ePKIKP	PKIKP	00 18 26.0 +0.3
HWUT				ePP	PP	00 19 07.9 +0.9
HWUT				ePKKPbc	PKKPbc	00 29 21.9 -0.4
HWUT				ePKKPab	PKKPab	00 29 30.5 +1.2
CCUT	Cedar City	111.57	48	ePKIKP	PKIKP	00 18 28.9 +2.6
CTU	Camp Tracy	111.59	45	ePKIKP	PKIKP	00 18 28.0 +1.8
CTU				ePKKPbc	PKKPbc	00 29 21.7 0.0
CTU				ePKKPab	PKKPab	00 29 30.9 +0.1
NLU	North Lily Min	111.64	45	ePKKP	PKKP	00 18 27.3 +1.0
NLU				ePP	PP	00 19 12.2 +3.2
NLU				eSKPdf	SKPdf	00 21 56.3 +3.2
NLU				ePKKPbc	PKKPbc	00 29 21.8 +0.2
NLU				ePKKPab	PKKPab	00 29 30.9 +0.4
S14A	Cedar City	111.64	48	PKIKP	PKIKP	00 18 26.3 0.0
V13A	Grand Canyon W	111.67	50	PKIKP	PKIKP	00 18 27.3 +0.9
N16A	Rees Ranch, Co	111.73	44	PKIKP	PKIKP	00 18 27.6 +1.2
F20A	Billings	111.82	38	PKIKP	PKIKP	00 18 26.4 0.0
K18A	Toltan Ranch,	111.98	42	PKIKP	PKIKP	00 18 27.5 +0.7
M17A	Scullys Gap (B	112.03	44	PKIKP	PKIKP	00 18 26.2 -0.7
DAU	Daniels Canyon	112.04	45	ePKIKP	PKIKP	00 18 27.4 +0.4
DAU				ePP	PP	00 19 13.3 +1.5
DAU				ePKKPbc	PKKPbc	00 29 20.6 +0.4
DAU				ePKKPab	PKKPab	00 29 30.5 +0.3
DAU	Daniels Canyon	112.04	45	ePKIKP	PKIKP	00 18 27.4 +0.4
DAU				e		00 19 13.3
N17A	Moffit Pass	112.13	44	PKIKP	PKIKP	00 18 27.8 +0.6
B21A	Keefe Ranch,	112.13	37	PKIKP	PKIKP	00 18 28.3 +1.3
EW06	Boulder Array	112.25	42	PKIKP	PKIKP	00 18 28.2 +0.8
BW06	Boulder Array	112.25	42	ePKKP	PKKP	00 18 29.3 +2.0
BW06				ePKKPbc	PKKPbc	00 29 26.0 -0.0
PDAR	Pinedale Array	112.25	42	Pdif	Pdif	00 14 32.1 +0.9
PDAR	comp=Z,0.4nm,0.3s,baz=270,slow=1.8,SNR=4.9			PKIKP	PKIKP	00 18 28.5 +1.2
PDAR	comp=Z,4.1nm,0.6s,baz=165,slow=3.7,SNR=14.4			ePKKPbc	PKKPbc	00 29 18.4 -1.2
PDAR	comp=Z,2.1nm,0.8s,baz=120,slow=5.0,SNR=28			PKIKP	PKIKP	00 18 26.6 -0.6
C22A	Vida	112.25	36	PKIKP	PKIKP	00 18 26.6 -0.6
L18A	Fontelle, Gr	112.28	43	PKIKP	PKIKP	00 18 28.4 +0.9
J19A	Crowheart	112.37	41	PKIKP	Pdif	00 14 35.9 +4.1
J19A				PKIKP	PKIKP	00 18 27.4 -0.2
D22A	Coahagen	112.37	36	PKIKP	PKIKP	00 18 28.4 +0.9
V14A	Boquillas Ranc	112.41	50	PKIKP	PKIKP	00 18 29.2 +1.4
T15A	Red Dirt Ranch	112.48	48	PKIKP	PKIKP	00 18 28.6 +0.7
O17A	Robinson Place	112.49	45	PKIKP	PKIKP	00 18 28.6 +0.8
TMUT	Trail Mountain	112.51	46	ePKIKP	PKIKP	00 18 28.4 +0.4
C14H	Djebel Manchou	112.52	311	P	PKIKP	00 18 25.0 -3.0
W14A	Seligman	112.57	51	PKIKP	PKIKP	00 18 29.4 +1.2
LAO	LASA Array	112.58	37	PKIKP	PKIKP	00 18 29.0 +1.2
LAO				PKIKP	PKIKP	00 18 28.7 +0.8
LAO				ePKKPbc	PKKPbc	00 29 18.2 -0.5
LAO				ePKKPab	PKKPab	00 29 26.3 0.0
ABSA	Djebel Ababsia	112.59	311	P	PKIKP	00 18 25.0 -3.2
C23A	Lambert	112.63	35	PKIKP	PKIKP	00 18 28.8 +0.9
L19A	Farson	112.67	42	PKIKP	PKIKP	00 18 28.2 +0.1
G21A	Lodge Grass	112.67	39	PKIKP	PKIKP	00 18 28.1 0.0
I20A	Worldand	112.67	40	PKIKP	PKIKP	00 18 27.8 -0.3
K19A	Abelson Red Bu	112.70	42	PKIKP	PKIKP	00 18 27.9 -0.3
U15A	North Rim	112.76	49	PKIKP	PKIKP	00 18 29.9 +1.4
P17A	Butcher Ranch,	112.77	46	PKIKP	PKIKP	00 18 29.0 +0.6
S16A	Wepner Ranch,	112.81	48	PKIKP	PKIKP	00 18 29.6 +1.0
DGMT	Dagmar	112.85	34	ePKIKP	PKIKP	00 18 29.3 +1.0

DGMT		ePP	PP	00 19 17.2 -0.1		
DGMT		eSKPdf	SKPdf	00 21 56.0 +0.8		
CAEH	'Ain El Ouahch	112.89	311	PKIKP	PKIKP	00 18 30.7 +2.0
J20A	Shoshoni	112.97	41	PKIKP	PKIKP	00 18 28.8 +0.1
X14A	Big Horn, Sher	112.97	51	PKIKP	PKIKP	00 18 29.4 +0.5
H21A	Big Horn, Sher	113.06	39	PKIKP	PKIKP	00 18 29.7 +0.9
V15A	Kalbar Nationala	113.06	50	PKIKP	PKIKP	00 18 30.5 +1.4
P18A	Preston Nutter	113.06	45	PKIKP	PKIKP	00 18 29.3 +0.3
SRU	San Rafael	113.07	46	ePKIKP	PKIKP	00 18 29.7 +0.7
SRU				ePP	PP	00 19 21.7 +2.5
SRU	San Rafael	113.07	46	ePKIKP	PKIKP	00 18 29.7 +0.7
K20A	Yellowstone Ra	113.11	42	PKIKP	PKIKP	00 19 21.7
K20A				e		00 18 29.6 +0.7
CKFL	Kef-Lehkel	113.12	311	P	PKIKP	00 18 31.8 +2.6
R17A	Hanksville Air	113.20	47	PKIKP	PKIKP	00 18 30.1 +0.8
I21A	Big Trails, Te	113.28	40	PKIKP	PKIKP	00 18 29.0 -0.3
N19A	John Jarvie Ra	113.30	44	PKIKP	PKIKP	00 18 29.7 +0.3
CASM	Ain Smara	113.34	311	P	PKIKP	00 18 28.7 -0.9
Q18A	Rafter H Ranch	113.35	46	PKIKP	PKIKP	00 18 28.9 -0.7
EJ7A	La Jonquera	113.43	318	PKP	PKIKP	00 18 30.5 +0.9
S17A	Black Ridge (B	113.43	47	PKIKP	PKIKP	00 18 30.6 +0.8
X15A	Humboldt	113.47	51	PKIKP	PKIKP	00 18 30.4 +0.5
CTEJ	Djebel Teioual	113.48	311	P	PKIKP	00 18 32.2 +2.3
114A	Black Gap (USA	113.53	53	PKIKP	PKIKP	00 18 30.2 +0.1
Y15A	Casa Rosa Ranc	113.58	52	PKIKP	PKIKP	00 18 28.5 -1.7
O19A	Miners Draw (B	113.58	44	PKIKP	PKIKP	00 18 30.3 +0.3
T17A	Navajo Res., N	113.67	48	PKIKP	PKIKP	00 18 31.3 +1.1
DFRA	Djebel Bou Aff	113.70	311	P	PKIKP	00 18 31.6 +1.3
M20A	Sweetwater, Wa	113.72	43	PKIKP	PKIKP	00 18 31.1 +0.9
U16A	Taba City	113.74	49	PKIKP	PKIKP	00 18 31.3 +0.9
K21A	Alcova	113.84	41	PKIKP	PKIKP	00 18 30.6 +0.2
U17A	Shonto	113.92	48	PKIKP	PKIKP	00 18 30.8 +0.1
N20A	Spence Gulch,	113.95	43	PKIKP	PKIKP	00 18 31.1 +0.5
P19A	Cripple Cowboy	113.96	45	PKIKP	PKIKP	00 18 30.6 -0.1
J22A	Midwest	113.98	40	PKIKP	PKIKP	00 18 30.0 -0.6
S18A	Hurst Farm, Bl	114.00	47	PKIKP	PKIKP	00 18 31.8 +1.0
CLLI	Ligia	114.02	319	PKP	PKIKP	00 18 32.6 +1.8
Q19A	Hogan Spring (	114.03	46	PKIKP	PKIKP	00 18 31.4 +0.6
CFON	Fontmartina	114.03	318	PKP	PKIKP	00 18 32.1 +1.3
X16A	Lo Ma Camp, P	114.11	51	PKIKP	PKIKP	00 18 32.2 +1.0
SET	Setif	114.19	311	P	PKIKP	00 18 34.0 +2.7
M21A	Separation Pea	114.22	42	PKIKP	PKIKP	00 18 30.9 -0.2
R20A	White River Ci	114.26	44	PKIKP	PKIKP	00 18 31.4 +0.2
OWWY	Rawlins	114.29	42	ePKIKP	PKIKP	00 18 31.6 +0.3
T18A	Mexican Hat	114.31	48	PKIKP	PKIKP	00 18 32.4 +0.9
K22A	Casper	114.31	41	PKIKP	PKIKP	00 18 31.4 +0.1
N21A	Black Mountain	114.49	43	PKIKP	PKIKP	00 18 31.6 -0.1
PV04	Paradox Valley	114.52	46	ePKIKP	PKIKP	00 18 31.8 0.0
PV04				ePP	PP	00 19 30.5 +1.0
PV04				eSKPdf	SKPdf	00 21 59.9 +1.2
EMIR	Miracle	114.57	318	PKP	PKIKP	00 18 31.4 -0.5
CSOR	Sort	114.62	319	PKP	PKIKP	00 18 31.2 -0.7
ETOS	Malorca	114.64	316	PKP	PKIKP	00 18 32.7 +0.7
Q20A	Ridgley Place,	114.72	45	PKIKP	PKIKP	00 18 33.3 +1.1
V18A	Ganado	114.80	49	PKIKP	PKIKP	00 18 33.6 +1.2
Y17A	Roosevelt	114.83	51	PKIKP	PKIKP	00 18 32.4 -0.1
PV01	Paradox Valley	114.86	46	ePKIKP	PKIKP	00 18 33.8 +1.3
PV01				ePP	PP	00 19 32.6 +0.7
R20A	Redvale	114.98	46	PKIKP	PKIKP	00 18 34.1 +1.4
EBIE	Black Hills	115.12	320	PKP	PKIKP	00 18 35.1 +2.3
EPOB	Poiblet	115.13	318	PKP	PKIKP	00 18 34.4 +1.5
S20A	Disappointment	115.14	46	PKIKP	PKIKP	00 18 32.7 -0.3
RSSD	Black Hills					

Table with columns: Name, RA, Dec, Mag, and other details. Includes entries like EBER Berja, PBRG Braganca, etc.

Table with columns: Name, RA, Dec, Mag, and other details. Includes entries like MORF Vila Bisbo, PFVI Vila Bisbo, etc.

Table with columns: Name, RA, Dec, Mag, and other details. Includes entries like TLL Tololo Astrono, MCBJ Monteja Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes entries like FITZ Fitzroy Crossi, WSAR Warramunga Arr, etc.

NED 11 00:20:00, 41.80N, 144.20E, h29km, Mw6.8. Best double couple: M0.1, 97000x1019, NP1.0s, 17,00000, 878,00000, 1,56,00000, NP2.0s, 269,00000, 836,00000, 1,159,00000, etc.





KMSI	comp=Z,331nm,0.9s,mb6.1	P	P	00 29 11.0 +7.3
PAX	comp=Z,836nm,0.9s,mb5.5	P	P	00 29 05.9 +0.5
PAX	Paxson 45.17 37 <i>i</i> EP	ePcP	PcP	00 30 44.6 -0.5
PAX		eS	S	00 35 42.8 +0.8
PAX	Paxson 45.17 37 <i>i</i> EP	eP	P	00 29 05.9 +0.5
PAX		eS	S	00 30 44.6
PAX		eS	S	00 35 42.8 +0.8
SHL	Shillong 45.48 266 ex	x	x	00 29 27.0
SHL	comp=Z,16nm,0.6s	i	S	00 35 49.0 +1.7
DOT	Dot Lake 45.72 36 <i>i</i> EP	eP	P	00 29 09.3 -0.4
DOT	comp=Z,236nm,1.3s,mb6.0			
MRSI	Marisa 45.75 211 P	ePcP	PcP	00 30 48.0 +1.1
MENT	Mentasta 45.97 37 EP	P	P	00 29 08.0 -2.5
EGAK	Eagle 46.82 35 <i>i</i> EP	P	P	00 29 12.2 +0.5
EGAK	comp=Z,418nm,1.3s,mb6.2	eS	S	00 29 18.1 -0.2
EGAK		eS	S	00 36 07.3 +1.7
LUWI	Luwuk 46.83 210 P	P	P	00 29 18.2 -0.8
AGT	Agartala 46.91 264 ex	x	x	00 29 14.0
AGT		x	x	00 30 46.0
JOHN	Johnston Islan 47.05 108 EP	eP	P	00 29 20.9 +0.2
JOHN		eS	S	00 36 11.5 +1.4
LNAI	Namlea 47.47 203 P	P	P	00 29 25.5 +1.6
TAPN	Taplelung 47.60 271 EP	P	P	00 29 24.8 -0.1
DAWY	Dawson 47.70 35 <i>i</i> EP	P	P	00 29 25.7 +0.5
BNDI	Bandanaira 47.95 199 P	P	P	00 29 30.9 +3.3
AAA	Alma-Ata 48.03 295 EP	P	P	00 29 30.7 +2.7
AAA		eS	S	00 36 27.2 +3.9
AAA	comp=Z,43um,13.3s	smax	smax	
AAA	comp=Z,51um,21.3s	MLR	MLR	
ODAN	Odare 48.11 270 EP	P	P	00 29 28.1 -0.7
TLE	Tual 48.42 195 P	P	P	00 29 35.0 +3.7
TLE	Tual 48.42 195 P	P	P	00 29 35.0 +3.7
TLE	Tual 48.42 195 P	P	P	00 29 35.0 +3.7
SBUM	Sibu 48.46 224 P	P	P	00 29 30.9 -0.8
GUN	Gumba 48.67 273 EP	P	P	00 29 32.8 -0.3
PNL	Peninsula 48.67 41 EP	P	P	00 29 33.6 +0.9
BVAR	Borovoye Array 48.77 310 P	P	P	00 29 32.7 -0.9
BVAR	comp=Z,66nm,0.5s,mb6.0,baz=74,slow=9.2,SNR=84	S	S	00 36 34.1 +0.6
BVAR	comp=Z,11nm,1.0s,baz=82,slow=12,SNR=2.4	LR	LR	00 51 39.1
BVAR	Borovoye Array 48.77 310 P	P	P	00 29 32.7 -0.9
BVAR		S	S	00 36 34.1 +0.6
BVAR		LR	LR	00 51 39.1
BVAR	Borovoye Array 48.77 310 P	P	P	00 29 32.7 -0.8
BVAR		S	S	00 36 34.1 +0.6
BRVK	Borovoye 48.82 310 <i>i</i> EP	P	P	00 29 34.4 +0.5
BRVK	comp=Z,2um,1.7s,mb6.8	eP	PP	00 31 24.8 -2.3
BRVK		eS	PP	00 36 31.2 -3.0
BRVK		LR	LR	
BRVK	comp=Z,284um,21.0s,MS7.2	iP	P	00 29 34.4 +0.5
BRVK		eS	S	00 31 24.8
BRVK		S	S	00 36 31.2 -3.0
BRVK	comp=Z,2um,1.7s,mb6.8	MLR	MLR	
ULHL	Ulahoi 48.81 294 P	P	P	00 29 37.1 +2.3
TKM2	Tokmak 2 49.08 295 P	P	P	00 29 35.6 -0.4
TKM2	Tokmak 2 49.08 295 <i>i</i> EP	P	P	00 29 35.6 -0.4
TKM2	comp=Z,472nm,1.7s,mb6.2	eP	PP	00 31 29.3 -0.3
TKM2		eS	PP	00 36 37.8 -0.3
TKM2	comp=Z,549um,19.0s,MS7.6	eP	P	00 29 35.7 -0.4
TKM2		eS	S	00 31 29.3
TKM2		S	S	00 36 37.8 -0.3
TKM2	comp=Z,472nm,1.7s,mb6.2	MLR	MLR	
INK	Inuvik 49.19 29 P	P	P	00 29 35.0 -1.6
INK	Inuvik 49.19 29 P	P	P	00 29 35.0 -1.6
INK	Inuvik 49.19 29 P	P	P	00 29 35.0 -1.5
PKI	Pulchoki 49.20 273 EP	P	P	00 29 36.3 -0.9
PKIN	Pulchoki 49.21 273 EP	P	P	00 29 36.1 -1.2
DMN	Daman 49.41 273 EP	P	P	00 29 38.2 -0.6
GKN	Gorkha 49.54 274 EP	P	P	00 29 38.7 -1.1
KDI	Kendari 49.59 208 P	P	P	00 29 41.0 +0.8
CHMS	Chumysy 49.61 296 P	P	P	00 29 41.6 +1.4
KBK	Karagaybulak 49.62 295 P	P	P	00 29 39.8 -0.4
KZA	Kyzart 49.65 295 P	P	P	00 29 40.9 +0.4
KZA	Kyzart 49.65 295 <i>i</i> EP	P	P	00 29 41.6 +1.2
KZA	comp=Z,540nm,1.1s,mb6.5	ePcP	PcP	00 31 01.7 +0.4
KZA		eP	PP	00 31 37.7 +2.8
KZA		eP	PP	00 34 59.5 +5.8
KZA		eS	S	00 36 50.5 +4.3
USP	Ospenovka 49.67 296 P	P	P	00 29 39.7 -0.9
FRU	Bishkek 49.77 296 <i>i</i> EP	P	P	00 29 42.0 +0.6
FRU		eS	S	00 31 40.0
FRU		S	S	00 36 52.0 +4.2
FRU		smax	smax	00 37 00.0
FRU	comp=Z,24um,7.0s	MLR	MLR	
FRU	comp=Z,2um,2.1s,mb6.8	MLR	MLR	
TTSI	Tana Toraja 49.80 212 P	P	P	00 29 42.5 +0.6
CAL	Calcutta 49.87 265 EPKP	x	x	00 36 55.5
CAL	Ala-Archa 49.93 296 P	x	x	00 29 41.8 -0.9
AAK	Ala-Archa 49.93 296 P	P	P	00 29 41.7 -0.9
AAK	comp=Z,19nm,0.4s,mb5.5,baz=110,slow=4.8,SNR=35	LR	LR	00 53 17.8
AAK	comp=Z,798um,18.1s,MS7.8,baz=73,slow=39	LR	LR	
AAK	Ala-Archa 49.93 296 P	P	P	00 29 41.7 -0.9
AAK		LR	LR	
AAK	Ala-Archa 49.93 296 P	P	P	00 29 41.7 -0.9
AAK		P	P	00 29 41.8 -0.8
DANN	Dangsing 50.01 274 EP	P	P	00 29 43.0 -0.4
KSH	Kashi 50.24 291 EP	P	P	00 29 47.6 +2.6
KSH		eP	PP	00 29 57.5 +1.2
KSH		eS	PP	00 30 01.4 +0.6
KSH		eP	PP	00 31 07.5 +3.9
KSH		eP	PP	00 34 59.2 +5.8
KSH		eS	PP	00 36 50.5 +4.3
KSH		eS	PP	00 39 37.7 -0.9
KSH		eS	PP	00 35 03.5 +2.8
KSH		eS	PP	00 36 55.0 +0.5
KSH		eS	PP	00 39 33.2 +0.4
KSH	comp=Z,18nm,0.8s,mb5.2	MLR	MLR	

KSH	comp=Z,14um,5.5s	pmax	pmax	
KSH	comp=N,74um,17.6s	LR	LR	
KSH	comp=E,31um,10.7s	LR	LR	
KSM	comp=Z,80um,21.6s,MS6.7	LR	LR	
KSM	Kuching 50.30 226 <i>i</i> EP	P	P	00 29 46.2 +0.6
KSM	comp=Z,348nm,1.1s,mb6.3	eP	PP	00 31 39.8 -1.6
KSM		eS	PP	00 35 03.8 +7.0
KSM		eS	PP	00 36 56.3 +0.6
KSM	comp=Z,47um,19.0s,MS6.5	LR	LR	
KSM	Kuching 50.30 226 P	P	P	00 29 45.3 -0.4
EKS2	Erkin-Say 50.40 296 P	P	P	00 29 45.4 -0.8
EKS2	Erkin-Say 50.40 296 <i>i</i> EP	P	P	00 29 45.2 -0.9
EKS2	comp=Z,181nm,0.9s,mb6.1	ePcP	PcP	00 31 04.4 +0.3
EKS2		eP	PP	00 31 40.4 -1.3
EKS2		eS	PP	00 35 02.7 +5.8
EKS2		eS	PP	00 37 01.4 +4.7
KOLN	Koldanda 50.44 274 EP	P	P	00 29 46.0 -0.6
SPSI	Sidrap Palu 50.66 212 P	P	P	00 29 49.6 +1.2
AML	Almayashu 50.68 295 P	P	P	00 29 48.2 0.0
AML	Almayashu 50.68 295 <i>i</i> EP	P	P	00 29 48.1 -0.2
AML	comp=Z,372nm,1.2s,mb6.2	ePcP	PcP	00 31 06.0 +0.9
AML		eP	PP	00 31 47.8 +3.5
AML		eS	PP	00 35 03.7 +5.7
AML		eS	PP	00 37 09.3 +8.8
SKAG	Skagway 50.72 41 P	P	P	00 29 48.8 +0.5
STKI	Sitang 50.87 224 P	P	P	00 29 52.2 +2.2
BNSI	Bone 50.93 211 P	P	P	00 29 51.2 +0.8
BBSI	Bau Bau 51.03 208 P	P	P	00 29 53.8 +2.7
PMG	Port Moresby 51.19 176 EP	P	P	00 29 52.4 +0.1
PMG	comp=Z,287nm,1.9s,mb5.9	eS	LR	00 37 04.8 -3.0
PMG	comp=Z,48um,22.0s,MS6.5	P	P	
PMG	Port Moresby 51.19 176 EP	P	P	00 29 52.4 +0.2
PMG	comp=Z,7um,comp=Z,94nm,2.1s,mb5.3	smax	smax	00 37 04.8 -3.0
SIT	Sitka 51.50 44 <i>i</i> EP	P	P	00 29 56.2 +2.0
SIT	comp=Z,378nm,1.3s,mb6.2	MLR	MLR	
SIT	Sitka 51.50 44 <i>i</i> EP	P	P	00 29 56.2 +2.0
SIT		MLR	MLR	
KBKI	Kotabaru 51.56 216 P	P	P	00 29 58.3 +3.2
KAPI	Kappang 51.63 211 <i>i</i> EP	P	P	00 29 53.1 -2.5
KAPI	comp=Z,246nm,1.4s,mb5.9	ePcP	PcP	00 31 08.3 -0.6
KAPI		eP	PP	00 31 52.4 -1.1
KAPI		eS	PP	00 37 12.5 -1.5
KAPI		LR	LR	
KAPI	comp=Z,55um,20.0s,MS6.6	P	P	00 29 55.6 0.0
BKSI	Bulukumba 51.77 211 P	P	P	00 29 57.4 +0.8
PTH	PTH 52.00 078 EPKP	x	x	00 29 57.5 -0.8
PTH	PTH 52.00 078 EPKP	x	x	00 37 24.0
KK31	Karatay Array 52.39 298 P	P	P	00 29 59.3 -1.7
KK31		MLR	MLR	
KKAR	Karatay Array 52.39 298 EP	P	P	00 29 59.6 -1.5
KKAR	comp=Z,325nm,1.0s,mb6.2	eP	PP	00 31 57.4 -2.3
KKAR	comp=Z,239nm,0.8s,mb6.2	eP	PP	00 29 59.6 -1.4
KKAR	comp=Z,239nm,0.8s,mb6.2	eP	PP	00 31 57.4
KIP	Kipapa 52.52 94 EP	P	P	00 30 02.5 +0.2
KIP		eP	PP	00 31 11.8 -0.6
KIP		eS	PP	00 37 28.8 +2.6
KIP	comp=Z,138um,22.0s,MS7.0	MLR	MLR	
KIP	Kipapa 52.52 94 EP	P	P	00 30 02.5 +0.3
KIP		eS	S	00 31 11.8
KIP		MLR	MLR	00 37 28.8 +2.5
SVE	Sverdlovsk 52.78 317 <i>i</i> EP	P	P	00 30 03.3 -0.4
SVE		eS	S	00 31 58.0
SVE		S	S	00 37 32.1 +3.1
SVE	comp=Z,861nm,1.0s,mb6.6	MLR	MLR	
SVE	comp=Z,28um,17.8s	MLR	MLR	
SVE	comp=Z,237um,17.0s,MS7.3	MLR	MLR	
KULM	Kulim 52.93 239 P	P	P	00 30 06.9 +1.5
KULM	Kulim 52.93 239 <i>i</i> EP	P	P	00 30 05.7 +0.3
KULM	comp=Z,414nm,1.3s,mb6.2	PcP	PcP	00 31 15.8 +1.8
KULM		eP	PP	00 32 04.8 -0.6
KULM		eS	PP	00 37 34.2 +2.2
KULM		LR	LR	
KULM	comp=Z,101um,19.0s,MS6.9	P	P	00 30 06.7 +1.3
BWNM	Bhubaneswar 53.09 265 ex	x	x	00 30 01.0
PBK1	Pangkalan Lun 53.15 222 P	P	P	00 30 09.2 +2.3
DDI	Dehra Dun 53.19 280 EPKP	P	P	00 30 06.0 -1.1
DDI		x	x	00 37 26.0
DDI	Honiara 53.22 160 LR	LR	LR	00 49 37.6
HNR	Honiara 53.22 160 PFAKE	LR	LR	00 30 20.0 +1.3
HNR		LR	LR	
WRAK	Wrangeli Islan 53.26 44 <i>i</i> EP	P	P	00 30 09.7 +2.4
WRAK	comp=Z,290nm,1.4s,mb6.0	ePcP	PcP	00 31 13.8 -0.8
WRAK		eP	PP	00 35 11.2 +2.4
WRAK		eS	PP	00 37 38.9 +3.4
WRAK		LR	LR	
IPM	Ipoth 53.32 238 P	P	P	00 30 09.4 +1.2
SDNR	Sundarnagar 53.37 282 EPKP	P	P	00 30 07.5 -0.9
SDNR		eS	S	00 37 40.5 +2.9
SMLA	Simla 53.42 281 P	P	P	00 30 06.7 -2.1
SMLA	comp=Z,3um,0.5s	Amb	Amb	00 30 13.8
SMLA		i	S	00 37 39.4 +1.1
DLH	Dalhousie 53.56 283 ex	x	x	00 30 12.0 +2.2
DLH		x	x	00 38 08.0
SOKR	Solikamsk 53.64 321 <i>i</i> EP	P	P	00 30 09.6 -0.4
SOKR		S	S	00 37 42.3 +1.7
SOKR	comp=Z,570nm,1.2s,mb6.4	MLR	MLR	
SOKR	comp=Z,214um,18.0s,MS7.2	MLR	MLR	
DLBC	Dease Lake 53.65 41 <i>i</i> EP	P	P	00 30 10.0 -0.1
DLBC		eP	PP	00 31 12.7 -3.3
DLBC		eP	PP	00 32 10.8 0.0
DLBC		eS	PP	00 30 12.8 +1.9
MYKOM	Kota Tinggi 53.69 233 P	P	P	00 30 12.7 +1.8
MYKOM	Kota Tinggi 53.69 233 P	P	P	00 30 12.7 +1.8
BHK	Bhakra 53.81 282 ex	x	x	00 30 07.6 -4.1
BHK		x	x	00 30 44.0
KGM	Kluang 53.83 234 P	P	P	00 30 11.1 -0.2
ARU	Arui 53.99 317 <i>i</i> EP	P	P	00 30 12.1 -0.5
ARU		eP	PP	00 32 11.2 -2.6

ARU	comp=Z,325um,19.0s,MS7.4	eS	PP	00 35 11.8 -0.3
ARU		eS	PP	00 37 44.5 -0.9
ARU	Arui 53.99 317 <i>i</i> EP	P	P	00 30 11.2 -1.4
ARU		e	S	00 31 13.8
ARU		e	S	00 32 11.2
ARU		eP	PP	00 32 23.0
ARU		eP	PP	00 37 46.0 +0.6
ARU		eS	S	00 39 56.9
ARU		SS	SS	00 41 27.1 +0.7
ARU		SSS	SSS	00 43 22.





DZM	comp-Z,161um,28.8s	eLQ			00 48 49.0
DZM	comp-Z,104um,21.9s	eLR	LR		00 51 59.6
C13A	Hot Springs baz=67,SNR=12	67.08 46	↑P	P	00 31 42.4 +0.4
VSU	Vasula	67.18 329f	eP	P	00 31 41.6 -0.8
TRD	Trivandrum	67.18 261	ePKP	P	00 31 41.8 -1.3
JTMT	Jette	67.19 46	eP	P	00 31 43.6 +0.9
A15A	Johnson Ranch, baz=67,SNR=14	67.25 44	↑P	P	00 31 40.0 -2.5
YBMT	Yellow Bay comp-Z,140nm,1.2s,mb5.9	67.27 46	eP	P	00 31 44.4 +1.2
MSVF	Nonsavu	67.27 144	PFAKE	LR	00 32 00.0 +1.7
MOD	Modoc	67.29 54	eP	P	00 31 44.3 +0.9
MOD	comp-Z,367nm,1.9s,mb6.1		ePcP	PcP	00 32 11.4 +0.4
MOD			eS	S	00 40 37.9 +2.2
MOD			LR	LR	
HOPS	comp-Z,220um,19.0s,MS6.4	67.31 58	eP	P	00 31 44.5 +0.9
HOPS	comp-Z,294nm,1.5s,mb6.1		eP	PcP	00 32 10.0 -1.1
HOPS			eS	S	00 40 38.4 +2.4
HOPS			LR	LR	
E12A	Beaver Dam Sad baz=67	67.31 47	↑P	P	00 31 41.8 -1.6
EIDS	Eidsvold	67.31 173	eP	P	00 31 43.2 -0.3
EIDS	Marquette Ranc baz=67,SNR=23	67.35 45	↑P	PcP	00 32 11.5 +0.5
B14A	comp-Z,70nm,1.0s,mb5.7		ePcP	PcP	00 31 44.4 +0.7
SCO	Scorebysund	67.41 355	↑P	pmx	00 31 44.4 +0.7
SCO			pmx	pmx	
SCO	comp-Z,99nm,1.1s,mb5.8		↑P	P	00 31 44.4 +0.7
C14A	Swan Lake	67.47 46	↑P	P	00 31 44.2 -0.2
SWMT	Swartz Lake	67.49 46	eP	P	00 31 45.0 +0.5
D13A	Huson	67.50 46	↑P	P	00 31 44.6 0.0
B15A	Bradley Ranch, baz=68,SNR=20	67.75 45	↑P	P	00 31 44.5 -1.7
A16A	West Butte Ranc baz=68,SNR=11	67.86 44	↑P	P	00 31 46.1 -0.8
F12A	Elk City	67.88 48	↑P	P	00 31 45.8 -1.2
SLMT	Seely Lake	67.93 46	eP	P	00 31 48.0 +0.7
MCCM	Marconi Confer	67.93 58	PFAKE	LR	00 32 00.0 +1.2
MCCM	comp-Z,39um,21.0s,MS6.6		LR	LR	
MSO	Missoula	67.94 46	↑P	P	00 31 46.3 -1.1
MSO	Missoula	67.94 46	↑P	P	00 31 48.6 +1.2
MSO	comp-Z,45nm,1.1s,mb5.4		LR	LR	
WVOR	Wild Horse Val	67.96 52	eP	P	00 31 48.5 +0.8
WVOR			ePcP	PcP	00 32 13.6 -0.2
WVOR			PP	PP	00 34 19.0 +1.6
WVOR			eS	S	00 40 46.4 +2.7
WVOR			LR	LR	
WVOR	comp-Z,40um,21.0s,MS6.6		LR	LR	
WVOR	Wild Horse Val	67.96 52	eP	P	00 31 48.5 +0.8
WVOR			e	e	00 34 19.0
WVOR			eS	S	00 40 46.4 +2.7
WVOR			MLR	MLR	
D14A	Greenough	68.02 46	↑P	P	00 31 48.0 +0.1
E13A	Victor	68.05 47	↑P	P	00 31 48.4 +0.3
C15A	Salmond Ranch, baz=68,SNR=12	68.07 45	↑P	P	00 31 47.9 -0.3
B16A	M & M Farms, S-2 baz=68,SNR=24	68.14 44	↑P	P	00 31 48.3 -0.4
CHMT	Chamberlain Mo Triple J Farms	68.26 46	eP	P	00 31 50.6 +1.2
A17A	comp-Z,68,SNR=12	68.32 43	↑P	P	00 31 50.6 +0.8
F13A	Darby	68.37 47	↑P	P	00 31 50.6 +0.4
E14A	Clinton	68.44 47	↑P	P	00 31 51.9 +1.3
C16A	Fuhringer Ranc baz=68,SNR=26	68.50 45	↑P	P	00 31 51.9 +1.0
FFC	Flin Flon	68.59 35	PFAKE	LR	00 32 00.0 +8.6
FFC	comp-Z,84um,22.0s,MS6.9		LR	LR	
FFC	Flin Flon	68.59 35	iP	P	00 31 52.5 +1.1
B17A	L&G Farms, Che baz=68,SNR=21	68.68 44	↑P	P	00 31 51.4 -0.6
A18A	Metzger Ranch, baz=68,SNR=16	68.77 43	↑P	P	00 31 52.3 -0.3
H12A	Diamond D Ranc baz=69,SNR=9.2	68.85 49	↑P	P	00 31 53.4 +0.2
G13A	Cobalt	68.86 48	↑P	P	00 31 52.0 -1.2
F14A	Wisdom	68.88 47	↑P	P	00 31 54.0 +0.7
E15A	Deer Lodge baz=69,SNR=26	68.89 46	↑P	P	00 31 51.9 -1.5
AFI	Afiamaal	68.99 133	LR	LR	01 00 55.2
AFI	comp-Z,44um,18.3s,MS6.7,baz=321,slow=35		LR	LR	00 32 10.0 +1.6
AFI	Afiamaal	68.99 133	PFAKE	LR	00 32 10.0 +1.6
MFID	Comp-Z,45um,20.0s,MS6.7		LR	LR	
MFID	Camas Ranch	69.00 50	↑P	P	00 31 54.5 +0.4
COCO	West Island	69.03 230	PFAKE	LR	00 32 10.0 +1.5
COCO	comp-Z,39um,19.0s,MS6.6		LR	LR	
COCO	West Island	69.03 230	iP	P	00 31 56.5 +1.9
D16A	Dana Ranch, Ca	69.09 45	↑P	P	00 31 54.1 -0.5
DGRG	David-gareji	69.10 307	P	P	00 31 54.4 -0.4
KIV	Kislovodsk	69.12 311	PFAKE	LR	00 32 10.0 +1.5
KIV	comp-Z,183um,20.0s,MS7.3		LR	LR	
KIV	Kislovodsk	69.12 311	iP	P	00 31 54.4 -0.4
KIV			i'PP	P	00 32 04.1 -2.4
KIV			i'SP	S	00 32 09.4 -1.6
KIV			i	i	00 34 32.2
KIV			iS	S	00 41 03.0 +5.6
KIV			iSS	SS	00 41 20.3
KIV			iSSS	SSS	00 45 23.3 +0.2
KIV			pmx	pmx	00 48 31.5
KIV	comp-Z,8um,3.0s		pmx	pmx	
KIV	comp-Z,853nm,1.0s,mb6.6		pmx	pmx	
KIV	Kislovodsk	69.12 311	P	P	00 31 55.7 +0.9
C17A	Wharram Farm, baz=69,SNR=28	69.12 44	↑P	P	00 31 55.1 +0.3
B18A	Beardley Farm baz=69,SNR=19	69.14 43	↑P	P	00 31 54.9 0.0
HRY	Holter Researc comp-Z,280nm,0.6s,mb6.4	69.15 46	eP	P	00 31 55.6 +0.6
HRY	Tsey	69.16 309	ePcP	P	00 32 18.6 0.0
ZEI			eP	P	00 34 29.5 -0.9
ZEI			eS	S	00 41 00.0 +2.1
ZEI			eSS	SS	00 45 24.0 +0.2
ZEI	comp-Z,248nm,1.1s,mb6.0		pmx	pmx	
ZEI	comp-N,166nm,0.9s		pmx	pmx	
ZEI	comp-Z,3um,7.0s		pmx	pmx	
ZEI	comp-E,352nm,1.0s		pmx	pmx	
ZEI	comp-E,477nm,5.0s		smax	smax	
I12A	Atlanta	69.16 50	↑P	P	00 31 54.1 -1.0
H13A	Challis	69.17 48	↑P	P	00 31 54.8 -0.4

WCN	Washoe City baz=69,SNR=6.8	69.18 56	↑P	P	00 31 53.8 -1.5
MTA	Mtatsiminda	69.30 308	P	P	00 31 57.0 +1.0
TBLG	Delisi	69.31 308	P	P	00 31 55.7 -0.3
TBLG	Delisi	69.31 308	P	P	00 31 55.7 -0.4
A19A	Klindworth Far baz=69,SNR=11	69.32 42	P	P	00 31 57.4 +1.4
E16A	East Helena	69.34 46	↑P	P	00 31 55.1 -1.1
F15A	baz=69,SNR=15	69.34 47	↑P	P	00 31 54.7 -1.5
IDID	Didzasialis	69.38 327	eP	P	00 31 55.9 -0.4
IDID			AMB	AMB	00 31 59.4
EGMT	comp-Z,133nm,2.0s,mb5.5		↑P	P	00 31 54.3 -2.2
EGMT	Eagleton	69.39 43	↑P	P	00 31 56.4 -0.1
EGMT	comp-Z,322nm,1.2s,mb6.1		eP	P	00 34 29.7 +0.1
EGMT			eS	S	00 41 02.1 +1.7
EGMT			LR	LR	
ISAL	Salakas	69.45 328	eP	P	00 31 56.4 -0.3
ISAL	comp-Z,150nm,1.7s,mb5.6		AMB	AMB	00 32 00.7
D17A	Six Diamond Far baz=69,SNR=11	69.47 45	↑P	P	00 31 57.7 +0.7
MICGM	Milnsk	69.48 326	eP	P	00 31 53.0 -3.9
MNK	Milnsk	69.50 326	eP	P	00 31 53.0 -4.0
MNK			eS	S	00 41 00.0 -1.6
MNK			ePS	pmx	00 41 32.0
MNK	comp-Z,130nm,1.0s,mb5.8		pmx	pmx	
MNK	comp-Z,47um,9.0s		pmx	pmx	
MNK			smax	smax	
GOR	comp-E,33um,12.0s	69.52 308	P	P	00 31 57.7 +0.3
B19A	Brinkman Farms	69.53 43	↑P	P	00 31 57.5 +0.2
CMB	Columbia Cole	69.56 57	↑P	P	00 31 58.2 +0.5
CMB	comp-E,237nm,1.4s,mb5.9		eP	PP	00 34 32.0 +0.6
CMB			eS	S	00 41 04.3 +1.5
CMB			LR	LR	
CMB	Columbia Cole	69.56 57	↑P	P	00 31 58.2 +0.5
CMB			eS	S	00 34 32.0
CMB			eS	S	00 41 04.3 +1.5
CMB	comp-Z,237nm,1.4s,mb5.9		MLR	MLR	
IIGN	comp-Z,41um,22.0s,MS6.6	69.56 327	eP	P	00 31 57.0 -0.3
IIGN	Ignalina	69.56 327	eP	P	00 32 00.7
DLMT	Dillon	69.59 47	eP	P	00 31 58.3 +0.6
DLMT			ePcP	PcP	00 32 20.9 +0.3
H14A	Leadore	69.64 48	↑P	P	00 31 58.9 +0.9
NACGM	Naroch	69.66 327	eP	P	00 31 53.0 -1.0
I13A	Wildhorse Cree	69.66 49	↑P	P	00 31 59.6 +0.4
SAO	San Andreas Ge	69.67 59	eP	P	00 31 58.7 +0.4
SAO	comp-Z,260nm,1.7s,mb5.9		eP	PP	00 34 33.6 +1.3
SAO			eS	S	00 41 05.6 +1.5
SAO			LR	LR	
SAO	comp-Z,37um,22.0s,MS6.6	69.67 59	eP	P	00 31 58.7 +0.3
SAO	San Andreas Ge	69.67 59	eP	P	00 34 33.6
SAO			eS	S	00 41 05.6 +1.5
SAO			pmx	pmx	
SAO	comp-Z,260nm,1.7s,mb5.9		MLR	MLR	
HLID	comp-Z,37um,22.0s,MS6.6	69.71 49	↑P	P	00 31 59.3 +0.8
HLID	Hal	69.71 49	↑P	P	00 31 59.3 +0.8
HLID	Hailey	69.71 49	↑P	P	00 32 00.3 +1.8
HLID	comp-Z,57nm,1.0s,mb5.5		eS	S	00 41 06.5 +2.2
HLID			LR	LR	
G15A	Dillon	69.77 47	↑P	P	00 31 56.2 -2.6
MCMT	McKenzie Canyo	69.79 48	↑P	P	00 31 59.9 +1.0
E17A	Martinsdale	69.82 45	↑P	P	00 31 58.6 -0.5
F16A	Kennard Place, baz=70,SNR=16	69.85 46	↑P	P	00 31 59.7 +0.4
D18A	Linhart Farms, baz=70,SNR=14	69.90 44	↑P	P	00 32 00.8 +1.2
BOZ	Bozeman (W)	69.93 46	↑P	P	00 31 58.8 -1.0
BOZ	Bozeman (W)	69.93 46	eP	P	00 32 00.3 +0.5
BOZ	comp-Z,218nm,1.2s,mb6.0		PP	PP	00 34 34.1 -0.2
BOZ			LR	LR	
BOZ	Bozeman (W)	69.93 46	eP	P	00 32 00.3 +0.5
BOZ			pmx	pmx	00 34 34.1
BOZ	comp-Z,218nm,1.2s,mb6.0		MLR	MLR	
C19A	Slack Wire Ran	69.94 43	↑P	P	00 32 01.1 +1.2
J13A	Cove Ranch, Pi baz=70,SNR=28	69.95 49	↑P	P	00 31 59.4 -0.5
I14A	Mackay	70.02 49	↑P	P	00 32 01.9 +1.5
BMN	Battle Mountain	70.03 53	PFAKE	LR	00 32 10.0 +9.5
BMN	comp-Z,38um,20.0s,MS6.8		LR	LR	
G16A	Moss Hill, Enn	70.11 47	↑P	P	00 32 01.0 +0.1
E18A	Harlowton	70.25 45	↑P	P	00 32 03.3 +1.5
GNI	comp-Z,340nm,1.7s,mb5.4,baz=36,slow=6.2	70.28 306	eP	P	00 32 02.3 +0.2
GNI	Garni	70.28 306	eP	P	00 32 23.8 +0.2
GNI	comp-Z,494nm,1.1s,mb6.3		eS	S	00 41 11.5 +0.3
GNI			LR	LR	
GNI	comp-Z,97um,19.0s,MS7.1	70.28 306	eP	P	00 32 02.3 +0.2
GNI	Garni	70.28 306	eP	P	00 32 23.8
GNI			eS	S	00 41 11.5 +0.3
GNI			pmx	pmx	
GNI	comp-Z,494nm,1.1s		MLR	MLR	
F17A	Fitzpatrick Pi	70.29 46	↑P	P	00 32 02.4 +0.4
J14A	Carey	70.37 49	↑P	P	00 32 01.9 -0.6
HFA0	Hagfors New Ar	70.38 336	P	P	00 32 02.0 -0.3
NB2	NORSAR Subarra	70.38 338	P	P	00 32 00.7 -1.6
NB2	comp-Z,840nm,1.7s,mb5.4,baz=36,slow=6.2		P	P	00 32 00.7 -1.6
NB2	NORSAR Subarra	70.38 338	P	P	00 32 00.7 -1.6
NB2	NORSAR Subarra	70.38 338	P	P	00 32 00.4 -1.8
NB2	comp-Z,62nm,0.9s,mb5.5,baz=35,slow=6.1,SNR=75		LR	LR	01 07 14.8
NOA	comp-Z,202um,19.3s,MS7.4,baz=30,slow=40		P	P	00 32 00.4 -1.8
NOA	NORSAR Array B	70.38 338	P	P	01 07 14.8
NOA			LR	LR	
NOA	NORSAR Array B	70.38 338	P	P	00 32 00.4 -1.9
C20A	Veseth Ranch, baz=70,SNR=23	70.49 43	↑P	P	00 32 03.8 +0.6
B21A	Ellsworth Farm baz=70,SNR=18	70.51 42	↑P	P	00 32 04.0 +0.7
NVAR	Mina Array Bea	70.61 56	P	P	00 32 01.6

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like PKM Peak Mountain, DGMT Dagmar, J17A Brown Place, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like S12A Delamar Landin, T11A Corn Creek, K19A Absolon Red, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like COP John Jarvie, N19A John Jarvie, ULM Lac du Bonnet, etc.



KAR1	Arisaag	78.25 344f	eP	P	00 32 48.9 +0.8
PRU	Pruhonice	78.25 329	P	P	00 32 48.3 0.0
PRU	Pruhonice	78.25 329	eP	P	00 32 48.1 -0.2
PRU			eS	MLR	00 42 44.7 +4.6
PRU	comp-Z,198um,16.1s,MS7.5		MLR		
PRU	Pruhonice	78.25 329	eP	P	00 32 48.1 -0.2
PRU			ex	x	00 35 58.6
PRU			ex	x	00 37 46.8
PRU			ex	x	00 42 44.7 +4.6
PRU			ex	x	01 11 50.0
PRU	comp-Z,198um,16.1s		AMS	AMS	
X18A	Snowflake	78.25 54	uP	P	00 32 45.2 -3.3
OGNE	Ogallala	78.25 45	uP	P	00 32 48.6 +0.1
OGNE	Ogallala	78.25 45	eP	P	00 32 49.3 +0.8
OGNE	comp-Z,385nm,1.1s,mb6.2		eP	PP	00 35 48.6 +3.6
OGNE			eS	SS	00 42 41.6 +1.1
OGNE			LR	LR	
V20A	Brimhall	78.27 52	uP	P	00 32 47.9 -0.7
KRUC	Moravsky	78.27 328	P	P	00 32 48.0 -0.4
KRUC	Moravsky	78.27 328	P	P	00 32 48.0 -0.4
Y17A	Roosevelt	78.27 55	uP	P	00 32 45.9 -2.9
U21A	Nagezi	78.31 51	uP	P	00 32 47.1 -1.8
T22A	Edith	78.34 50	uP	P	00 32 47.2 -1.8
EBH	Black Hill	78.35 342	P	P	00 32 48.0 +0.2
EBH	Black Hill	78.35 342	eP	P	00 32 51.0 +1.9
GZR	Gura Zlata	78.38 322	P	P	00 32 51.4 +2.3
GZR	Gura Zlata	78.38 322	eP	P	00 32 50.5 +1.4
GZR	Gura Zlata	78.38 322	uP	P	00 32 47.4 -1.8
NWAO	Narrogin (SRO)	78.41 203	P	P	00 32 47.4 -1.8
NWAO	Narrogin (SRO)	78.41 203	eP	P	00 32 47.4 -1.8
NWAO	Narrogin (SRO)	78.41 203	eP	P	00 32 49.0 -0.4
TREC	Trest	78.44 328	eP	P	00 35 55.2
TREC			eS	S	00 37 42.5
TREC			MLR	MLR	00 42 47.2 +5.0
TREC	comp-Z,238um,22.0s,MS7.5		AMS	AMS	
TREC	Trest	78.44 328	eP	PP	00 32 49.0 -0.4
TREC			ePP	PP	00 35 55.2 +8.9
TREC			ex	x	00 42 47.2 +5.0
TREC			ex	x	00 48 43.6
TREC			AMS	AMS	01 10 00.0
ESY	Stoneypath	78.44 341	P	P	00 32 49.3 +0.1
ESY	Stoneypath	78.44 341	eP	P	00 32 49.3 +0.1
MODS	Modra-Piesok	78.46 327	eP	P	00 32 51.7 +2.2
MODS	Modra-Piesok	78.46 327	eP	P	00 32 51.7 +2.2
MODS	Modra-Piesok	78.46 327	eP	P	00 32 51.7 +2.2
MODS	Modra-Piesok	78.46 327	eP	P	00 32 50.5 +0.4
116A	Eloy	78.51 57	uP	P	00 32 49.2 -0.8
Q25A	Bedland, Calha	78.51 48	uP	P	00 32 46.1 -3.8
R24A	Sanders Place	78.51 49	uP	P	00 32 46.1 -3.8
EDI	Edinburgh	78.57 342	P	P	00 32 49.0 -1.0
EDI	Edinburgh	78.57 342	eP	AMS	01 13 47.1
EDI	Edinburgh	78.57 342	eP	AMS	00 32 49.0 -1.0
EDI	Edinburgh	78.57 342	eP	AMS	00 32 50.9
EDI	Edinburgh	78.57 342	eP	AMS	01 13 47.1
EAB	Aberfoyle	78.59 342	P	P	00 32 49.3 -0.7
EAB	Aberfoyle	78.59 342	eP	P	00 32 49.3 -0.7
BORA	Esiksehir	78.61 314	uP	P	00 32 51.5 +1.0
BUY	Buyukada	78.62 315	uP	P	00 32 51.4 +0.9
WIT	Witteveen	78.63 335	uP	P	00 32 51.9 +1.6
WIT	Witteveen	78.63 335	ix	sP	00 33 05.0 -1.7
SDCO	Great Sand Dun	78.63 49	uP	P	00 32 50.4 -0.2
SDCO	Great Sand Dun	78.63 49	uP	PFKALE	00 33 00.0 +9.4
SDCO	Great Sand Dun	78.63 49	uP	LR	
ESKT	Esiksehir	78.65 313	uP	P	00 32 48.0 -2.7
KDHN	Kadinhani	78.67 312	uP	P	00 32 51.4 +0.7
ZST	Bratislava	78.67 327	eP	S	00 42 50.0 +5.3
ZST	Bratislava	78.67 327	eP	S	00 42 50.0 +5.3
ZST	Bratislava	78.67 327	eP	S	00 32 51.4 +0.7
ZST	Bratislava	78.67 327	eP	S	00 42 50.0 +5.3
ZST	Bratislava	78.67 327	eP	S	00 32 51.2 +0.7
ZST	Bratislava	78.67 327	eP	S	00 32 51.2 +0.7
ZST	Bratislava	78.67 327	eP	S	00 32 49.3 -1.3
TANN	Tannenbergs	78.68 331	eP	P	00 32 50.8 +0.1
EAU	Auchinoon	78.70 342	P	P	00 32 50.8 +0.1
EAU	Auchinoon	78.70 342	eP	P	00 32 51.5 +0.4
W20A	Ramah	78.71 53	uP	P	00 32 51.7 +0.6
Y18A	Canyon Day Jun	78.71 55	uP	P	00 32 51.7 +0.6
CRAR	CRAIOVA	78.71 321	P	P	00 32 53.5 +2.6
IBBN	Ibbenburg	78.72 334	eP	P	00 32 48.9 -1.9
X19A	St. Johns	78.72 54	P	P	00 32 50.0 -1.2
BZS	Buzias	78.74 323	P	P	00 32 50.3 -0.8
BZS	Buzias	78.74 323	P	P	00 32 50.8 -0.3
BZS	Buzias	78.74 323	uP	P	00 32 50.8 -0.3
W21A	Milan	78.75 52	uP	P	00 32 50.7 -0.6
Z17A	San Carlos Hig	78.77 55	uP	P	00 32 52.8 +1.4
MOX	Moxa	78.79 331	eP	P	00 32 49.6 -1.7
MOX	Moxa	78.79 331	eP	S	00 42 49.0 +3.1
MOX	Moxa	78.79 331	eP	S	00 32 49.8 -1.5
MOX	Moxa	78.79 331	eP	S	00 32 49.6 -1.7
MOX	Moxa	78.79 331	eP	S	00 42 49.0 +3.1
PVL	Pavlikeni	78.81 319	eP	P	00 32 53.0 +1.5
U22A	Ulavass	78.81 51	uP	P	00 32 52.5 +0.9
WERN	Wernitzgruen	78.81 331	P	P	00 32 50.7 -0.7
TIM	Timisoara	78.83 323	P	P	00 32 54.4 +2.8
TIM	Timisoara	78.83 323	P	P	00 32 54.4 +2.8
NKC	Novy Kostel	78.83 331	eP	P	00 32 50.6 -0.9
NKC			eS	S	00 35 52.9
NKC			eS	S	00 42 49.0 +2.6
NKC			MLR	MLR	00 42 49.0 +2.6
NKC	comp-Z,368um,19.4s,MS7.7		AMS	AMS	
NKC	Novy Kostel	78.83 331	eP	PP	00 32 50.6 -0.9
NKC			ex	x	00 35 52.9 +3.4
NKC			ex	x	00 46.1
NKC			ex	x	00 42 49.0 +2.6
NKC			AMS	AMS	00 48 39.5
NKC			AMS	AMS	01 10 50.0
S24A	Houchin Ranch	78.87 49	uP	P	00 32 52.8 +0.9
ECSD	EROS Data Cent	78.94 40	eP	P	00 32 46.1 -6.0
ECSD	EROS Data Cent	78.94 40	eP	PP	00 35 50.8 +0.2
ECSD	EROS Data Cent	78.94 40	eP	PP	00 42 49.8 +2.1
ECSD	EROS Data Cent	78.94 40	eP	LR	
ECSD	EROS Data Cent	78.94 40	eP	LR	
PGBU	Glenflierbraes	78.97 342	eP	P	00 32 51.8 -0.4
PGBU	Glenflierbraes	78.97 342	eP	P	00 32 56.5
PGBU	Glenflierbraes	78.97 342	eP	AMS	01 12 34.6
PGBU	Glenflierbraes	78.97 342	eP	AMS	00 32 51.8 -0.4
PGBU	Glenflierbraes	78.97 342	eP	AMS	00 32 56.5
PGBU	Glenflierbraes	78.97 342	eP	AMS	01 12 34.6
PGBU	Glenflierbraes	78.97 342	eP	AMS	00 32 51.8 -0.4
R25A	Fountain Ranch	79.03 48	uP	P	00 32 51.3 -1.5

216A	Three Points	79.04 57	uP	P	00 32 53.5 +0.5
DJES	Djerbad	79.06 322	P	P	00 32 55.6 +2.8
Y19A	Nutrisio	79.06 54	uP	P	00 32 53.7 +0.7
117A	Oracle	79.10 56	uP	P	00 32 53.0 -0.3
V22A	San Miguel Ran	79.10 51	uP	P	00 32 53.0 -0.3
X20A	Quemado	79.11 53	uP	P	00 32 52.1 -1.2
ULDT	Uludag	79.12 315	uP	P	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	P	00 32 52.5 -0.4
ESK	Eskdalemuir	79.13 342	eP	P	00 32 54.1
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.6 -0.4
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 54.1
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 52.5 -0.4
ESK	comp-Z,380nm,5.5s		AMS	AMS	01 14 03.8
ESK	Eskdalemuir	79.13 342	eP	AMS	00 32 51.4 -1.8
ESK	Eskdalemuir	79.13 342	eP	AMS	0

Table with columns: CBKS, Name, Time, Date, Status, and other details. Includes entries like Cedar Bluff, AYWAL, HDH, OBKA, etc.

Table with columns: THE, Name, Time, Date, Status, and other details. Includes entries like Thessaloniki, GCM, GFG, SCIA, etc.

Table with columns: baz=83, Name, Time, Date, Status, and other details. Includes entries like Z27A, HEX, XMKOR, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PLDF La Plantade, SGO Sicignano, TAOE Nuku Hiva Isla, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like DGI Dorgali Grotta, PKME Peaks-Kenny Pt, PKME Peaks-Kenny Pt, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like ETOR Torete, ERUA La Rua, ERUA La Rua, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like ECOL, EGUA, EMIN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TGUH, ABPO, MBAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LMEI, CFAA, CFPA, etc.

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

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

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

Table with columns: WORD, Divnogorie, 66.78 318 eP, P, 00 43 34.4 -1.5, pmax, pmax. Includes entries like BSMT Bassoo Peak, LTIMB Timbered Crate, BLMT Blacktail Moun, etc.

Table with columns: HVU, Long Hollow, 71.83 47 eP, P, 00 44 08.8 +1.4, pmax, pmax. Includes entries like DMGT Dagmar, Q11A Duckwater, S10A Tonopah Range, etc.

Table with columns: KOLS, Kolonice sedl, 76.13 325 eP, P, 00 44 33.0 +0.6, pmax, pmax. Includes entries like KOLS Kolonice sedl, OJC Ojcow, CFR Caraliu, etc.



TIA	comp=Z,54nm,0.8s	21.63 264	P	P	01 12 55.1 -2.9
TIA	Tai'an		P	P	
SEY	comp=Z,40nm,0.9s,mb4.8	21.80 10c	eP	P	01 12 56.1 -3.5
YAK	Seymchan		P	P	
YAK	Yakutsk	22.10 242	e	P	01 12 57.2 -5.6
YAK	comp=Z,103nm,0.8s,mb5.3		e	P	01 24 16.8
YAK	comp=E,17nm,1.3s		P	P	
YAK	comp=N,40nm,1.1s	22.30 253	eP	P	01 13 07.2 +1.9
NJ2	Nanjing		P	P	
NJ2	comp=Z,260nm,1.0s,mb5.6		eP	P	
CIT	Chita	23.11 307	e	P	01 13 10.6 -3.0
CIT			e	P	01 13 30.4
CIT			e	P	01 13 40.2
CIT			e	P	01 17 46.7
HHC	comp=Z,256nm,1.4s,mb5.5	24.38 279	eP	P	01 13 25.4 -0.4
HHC	Hu-ho-hao-te		P	P	01 13 34.8
HHC			SP	P	01 13 38.9 +1.4
HHC			PP	P	01 14 00.8
HHC			PcP	P	01 17 07.4 +2.9
HHC			S	P	01 17 39.9 -3.7
HHC			SS	P	01 17 53.7 -3.3
HHC			S	P	01 18 32.2
HHC			ScP	P	01 20 41.5 +0.5
HHC			P	P	
HHC	comp=Z,48nm,1.0s,mb4.9		P	P	
HHC	comp=Z,1µm,5.6s		P	P	
HHC	comp=N,2µm,13.1s,MS4.8		LR	LR	
HHC	comp=E,1µm,12.9s,MS4.8		LR	LR	
HHC	comp=Z,2µm,13.3s,MS4.7		LR	LR	
SSLB	Suanguang	26.30 234	eP	P	01 13 42.4 -0.8
WHN	Wuhan	26.36 255	eP	P	01 13 43.3 -0.5
SOMI	Songino Array	27.25 296	eP	P	01 13 51.5 -0.2
BILL	comp=Z,33nm,1.0s,mb4.9,baz=93,slow=8.3,SNR=61	28.95 171	eP	P	01 14 09.0 +2.4
BILL	Bilibino		e	P	01 14 26.3
BILL			e	P	
TLY	comp=Z,5.0nm,1.0s,mb4.2	29.13 304	eP	P	01 14 09.0 +0.6
TLY	Talaya		e	P	01 14 30.4
TLY			e	P	01 14 08.4 +0.1
TLY			e	P	01 14 09.6 +1.3
ZAK	comp=Z,323nm,0.7s,mb5.2,SNR=6.8	29.30 301	eP	P	01 14 09.5 -0.4
ZAK	Zakamensk		e	P	
ENH	comp=Z,27nm,1.0s,mb4.9	30.05 259	eP	P	01 14 16.3 -0.4
ENH	Enshi		e	P	01 14 37.9
ENH	comp=Z,38nm,0.9s,mb5.1		e	P	01 14 23.7 +0.8
MOY	Mondy	30.77 304	eP	P	
MOY	comp=Z,84nm,1.5s,mb5.3		e	P	
LZH	Lanzhou	31.61 273	eP	P	01 14 32.1 +1.6
LZH			eP	P	01 14 42.0 +3.3
LZH			SP	P	01 14 45.6 +3.5
LZH			P	P	
LZH	comp=Z,28nm,1.0s,mb5.0		P	P	
LZH	comp=Z,140nm,5.0s		LR	LR	
LZH	comp=N,14µm,14.3s,MS5.9		LR	LR	
LZH	comp=E,11µm,14.3s,MS5.9		LR	LR	
LZH	comp=Z,10µm,14.4s,MS5.6		LR	LR	
GTA	Gaotai	33.44 281	eP	P	01 14 47.0 +0.6
GTA			eP	P	01 14 56.1 +1.4
GTA			SP	P	01 15 00.8 +2.7
GTA			S	P	01 20 04.6 -1.4
GTA			SS	P	01 20 19.5 -0.1
GTA			P	P	
GTA	comp=Z,10.0nm,1.2s,mb4.6		LR	LR	
GTA	comp=N,13µm,18.5s,MS5.8		LR	LR	
GTA	comp=E,9µm,15.9s,MS5.8		LR	LR	
GTA	comp=Z,11µm,16.1s,MS5.7		LR	LR	
CD2	Chengdu	33.93 265	eP	P	01 14 51.2 +0.1
CD2			eP	P	01 15 00.9 +1.5
CD2			SP	P	01 15 04.8 +2.0
CD2			PP	P	01 16 05.0 -3.1
CD2			S	P	01 20 11.8 -2.5
CD2			SS	P	01 20 27.8 -0.2
CD2			SS	P	01 22 18.6 -2.3
CD2			P	P	
CD2	comp=Z,40nm,0.8s,mb4.5		P	P	
CD2	comp=Z,100nm,4.8s		P	P	
CD2	comp=E,14µm,16.7s		LR	LR	
CD2	comp=Z,16µm,15.5s,MS5.8		LR	LR	
GYA	Guiyang	34.23 256	eP	P	01 14 53.0 -0.5
GYA			eP	P	01 15 04.5 +2.8
GYA			SP	P	01 15 10.4 +5.2
GYA			PP	P	01 16 09.8 -1.4
GYA			PcP	P	01 17 30.6 +0.9
GYA			S	P	01 20 16.8 -1.7
GYA			ScP	P	01 21 12.3 -0.3
GYA			SS	P	01 22 24.6 -2.3
GYA			P	P	
GYA	comp=Z,30nm,0.8s,mb5.3		P	P	
GYA	comp=Z,140nm,4.9s		LR	LR	
GYA	comp=N,960nm,17.8s,MS4.7		LR	LR	
GYA	comp=E,650nm,18.4s,MS4.7		LR	LR	
GYA	comp=Z,780nm,17.9s,MS4.5		LR	LR	
KMI	Kunming	37.87 257	eP	P	01 15 25.2 +0.6
KMI			eP	P	01 15 35.6 +2.6
KMI			SP	P	01 15 40.4 +4.0
KMI			PP	P	01 16 55.1 +3.8
KMI			S	P	01 21 14.9 +0.6
KMI			P	P	
KMI	comp=Z,21nm,0.8s,mb4.9		LR	LR	
KMI	comp=N,9µm,14.9s,MS5.9		LR	LR	
KMI	comp=E,12µm,18.2s,MS5.9		LR	LR	
KMI	comp=Z,11µm,15.8s,MS5.8		LR	LR	
ZALV	Zalesovo Beam	40.46 308	eP	P	01 15 45.2 -0.6
WMQ	Urumqi	40.77 293	eP	P	01 15 49.0 +0.4
WMQ			eP	P	01 15 59.0 +2.0
WMQ			SP	P	01 16 03.0 +2.6
WMQ			PP	P	01 17 27.0 +4.4
WMQ			S	P	01 21 56.0 -1.3
WMQ			SS	P	01 24 51.0 -7.4
WMQ			P	P	
WMQ	comp=Z,54nm,1.0s,mb5.1		P	P	
WMQ	comp=Z,140nm,4.0s		LR	LR	
WMQ	comp=N,2µm,15.0s,MS5.2		LR	LR	
WMQ	comp=E,2µm,15.0s,MS5.2		LR	LR	
WMQ	comp=Z,2µm,15.0s,MS5.0		LR	LR	
NVS	Novosibirsk	41.26 310	eP	P	01 15 50.1 -2.4
NVS			e	P	01 16 11.3
NVS			P	P	
NVS	comp=Z,21nm,1.7s,mb4.5		P	P	
NVS	comp=E,17nm,1.8s		P	P	
KDAK	Kodiak Island	42.28 45	eP	P	01 16 00.2 -0.5
KDAK	comp=E,6.2nm,0.5s,mb4.5,baz=286,slow=6.2,SNR=8.4		P	P	01 16 00.2 -0.5

KDAK	Kodiak Island	42.28 45	eP	P	01 16 00.2 -0.6
BPAW	Bear Paw Mtn.	42.69 36	eP	P	01 16 04.5 +0.4
TRF	Thorofare Moun	43.02 37	eP	P	01 16 07.8 +1.1
MK31	Makanchi Array	43.55 298	eP	P	01 16 10.9 -0.3
MK31	Makanchi Array	43.55 298	eP	P	01 16 10.9 -0.3
MKAR	Makanchi Array	43.55 298	eP	P	01 16 10.9 -0.3
MCK	comp=E,17nm,0.8s,mb4.8,baz=79,slow=9.0,SNR=79	43.61 36	eP	P	01 16 14.3 +2.8
MCK	McKinley	43.61 36	eP	P	01 16 14.3 +2.8
MCK	McKinley	43.61 36	eP	P	01 16 14.3 +2.8
MCK			P	P	
LSA	comp=Z,15nm,0.8s,mb4.8	44.00 272	eP	P	01 16 17.1 +2.1
LSA	comp=Z,37nm,0.8s,mb5.1		eP	P	01 16 37.6
LSA	Lhasa	44.00 272	eP	P	01 16 17.1 +2.1
LSA			e	P	01 16 37.7
LSA			e	P	01 16 37.7
COLA	College	44.03 35	eP	P	01 16 15.7 +0.8
COLA	comp=Z,20nm,0.8s,mb4.9		eP	P	01 16 15.7 +0.9
COLA	College	44.03 35	eP	P	01 16 15.7 +0.8
COLA			P	P	
COLA	comp=Z,20nm,0.8s,mb4.9		P	P	
ELSON	Eielson Array	44.45 35	eP	P	01 16 17.4 -0.8
CHTO	Chung Mai	44.45 253	eP	P	01 16 18.3 -1.2
CHTO	Chiang Mai	44.55 253	eP	P	01 16 18.3 -1.2
CM31	Chiang Mai Arr	44.78 253	eP	P	01 16 22.1 +0.7
CMAR	Chiang Mai Arr	44.78 253	eP	P	01 16 22.2 +0.8
KURK	comp=Z,8.6nm,0.7s,mb4.7,baz=44,slow=7.0,SNR=31	44.81 305	eP	P	01 16 20.4 -0.9
KURK	Kurchatov	44.81 305	eP	P	01 16 20.4 -0.9
KURK	Kurchatov	44.81 305	eP	P	01 16 20.4 -0.9
KURK			P	P	
EGAK	Eagle	46.89 34	eP	P	01 16 36.9 -0.5
EGAK	comp=Z,20nm,0.9s,mb5.0		eP	P	01 16 45.2 +0.9
EGAK	comp=Z,74nm,1.6s,mb5.4		eP	P	01 16 46.3 +1.2
DAWY	Dawson	47.76 35	eP	P	01 16 49.8 +0.8
TAPN	Taplejung	47.80 271	eP	P	01 16 54.2 +0.9
ODAN	Odare	48.31 271	eP	P	01 16 54.2 +0.9
GUN	Gumba	48.87 273	eP	P	01 16 54.2 -0.1
BORV	Borovyoye Array	49.06 310	eP	P	01 16 55.0 +0.3
BRVK	Borovyoye	49.11 310	eP	P	01 16 55.0 +0.3
BRVK	Borovyoye	49.11 310	eP	P	01 16 55.0 +0.3
BRVK			P	P	
BRVK	comp=Z,10.0nm,0.8s,mb4.9		P	P	
INK	Inuvik	49.28 29	eP	P	01 16 55.4 -0.5
INK	comp=Z,15nm,0.7s,mb5.1,baz=300,slow=6.9,SNR=38	49.28 29	eP	P	01 16 55.4 -0.5
INK	Inuvik	49.28 29	eP	P	01 16 55.4 -0.5
INK			P	P	
PKI	Pulchoki	49.41 273	eP	P	01 17 05.5 +1.1
DMN	Daman	49.61 273	eP	P	01 17 07.9 +0.4
GKN	Gorkha	49.75 274	eP	P	01 17 00.4 +0.4
DANN	Dangsing	50.22 275	eP	P	01 17 04.5 +0.9
KOLN	Koldanda	50.65 274	eP	P	01 17 07.2 +0.3
SVE	Sverdlowski	53.07 317	eP	P	01 17 24.1 -0.4
SVE			P	P	
SVE	comp=Z,47nm,0.9s,mb4.9		P	P	
DLBC	Dease Lake	53.69 41	eP	P	01 17 29.5 +0.5
DLBC	Dease Lake	53.69 41	eP	P	01 17 29.5 +0.5
SOKR	Solkamsk	53.94 321	eP	P	01 17 30.6 -0.2
SOKR			P	P	
ARU	Arti	54.29 317	eP	P	01 17 32.7 -0.7
ARU	Kabul	54.75 289	eP	P	01 25 09.5 +0.5
ARU	Arti	54.29 317	eP	P	01 17 32.6 -0.8
ARU	comp=Z,214nm,0.8s,mb6.1,SNR=14		P	P	
KAKA	Kakadu	55.22 194	eP	P	01 17 39.2 -1.3
KAKA	comp=Z,25nm,0.6s,mb4.5		P	P	
KBS	Kingsbay	56.40 350	eP	P	01 17 48.5 +0.2
KBS			P	P	
RES	Resolute Bay	57.54 16	eP	P	01 17 55.7 -0.7
RES	Resolute Bay	57.54 16	eP	P	01 17 55.7 -0.7
RES			P	P	
KBL	Kabul	57.75 289	eP	P	01 17 58.0 -0.5
KBL	Kabul	57.75 289	eP	P	01 17 58.0 -0.5
KBL			P	P	
YKA	Yellowknife Ar	58.73 32	eP	P	01 18 05.5 +0.7
YKA	comp=Z,1.2nm,0.6s,mb4.1,baz=302,slow=6.8,SNR=5.7		P	P	
KEV	Kevo	59.81 339	eP	P	01 18 11.1 -1.1
ARCES	ARCES Array B	60.35 339	eP	P	01 18 16.0 +0.1
ARCES	ARCES Array B	60.35 339	eP	P	01 18 16.0 +0.1
HYB	Hyderabad	60.45 267	eP	P	01 18 17.0 -0.4
KLMR	Klimovskoe	60.92 327	eP	P	01 18 18.0 -2.0
KLMR			P	P	
DAG	Danmarks Havn	61.28 356	eP	P	01 18 20.4 -1.8
DAG			P	P	
DAG	comp=Z,9.0nm,0.9s,mb4.9		P	P	
DAG	Danmarks Havn	61.28 356	eP	P	01 18 20.4 -1.8
DAG	comp=Z,89nm,0.9s,mb5.9		P	P	
WRA	Warramunga Arr	62.01 190	eP	P	01 18 26.1 -1.6
JOF	Joensuu	62.81 332	eP	P	01 18 31.3 -1.4
JOF	comp=Z,6.9nm,0.8s,mb4.9,baz=9.4,slow=7.3,SNR=36		P	P	
MOS	Moscow	64.73 323	eP	P	01 19 01.8 +4.3
MOS			P	P	
OD2	Odessa Site A	64.99 48	eP	P	01 18 47.5 +0.2
OD2	comp=Z,9.0nm,0.7s,mb4.8		P	P	
KAF	Kangasniemi	65.10 333	eP	P	01 18 46.0 -1.7
KAF	comp=Z,1.3nm,0.3s,mb4.4		P	P	
OBN	Obninsk	65.59 323	eP	P	01 18 50.1 -0.9
OBN			P	P	
OBN	comp=Z,37nm,1.7s,mb5.1		MLR	MLR	
OBN	comp=Z,5µm,15.0s,MS5.8		MLR	MLR	
VRHR	Novokhopersk	65.62 317	eP	P	01 18 48.2 -3.1
VRHR			P	P	
VRHR	comp=Z,10.0nm,0.8s,mb4.9				







Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CLL, CLM, TANN, CMAR, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KEV, CLLI, ARCES, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ELUO, EADA, EMIJ, etc.

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

ISCJB 11 01:14:23.4.3.1, 12.87N.0.09:48.67E.0.05, h15km, 21km, mb4.1/1.1, Error ellipse: s-maj=15.4km s-min=7.7km az=179.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MUKL Al Mukalla, BDHA Al Bayda, etc.

ISCJB 11 01:24:45.0.8.4.1, 71N.144.19E, h0km, mb4.0/1.9, mb1.4/1.23, mb1mx4.0/32, mbtmp4.0/23, ML3.7/4, Error ellipse: s-maj=19.8km s-min=15.9km az=115.0

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

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

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

ZAAO Zalesovo Array 40.55 308 eP P 01 32 25.9 -0.3

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

ARCES ARCESS Array B 60.37 339 P P 01 34 56.1 +0.4

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

NOA NORSAR Array B 70.67 338 P P 01 36 02.6 +0.2

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

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

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

CSEM 11 01:04:36.8.0.1, 39.84N.41.62E, h2km, MD3.2, Error ellipse: s-maj=4.8km s-min=3.2km az=179.0

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

ITC 11 01:47:01.7.1.6, 7.50S: 120.08E, h0km, mb3.8/4, mb1.4/0.6, mb1mx3.8/19, mbtmp3.9/6, ML4.0/2, Error ellipse: s-maj=14.2km s-min=20.3km az=58.0

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

ISCJB 11 01:47:15.7.0.7, 8.25S: 0.1, 119.82E: 0.08, h155km, 8km, mb4.2/4, Error ellipse: s-maj=21.9km s-min=7.8km az=28.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNNI Bima, WSI Waingapu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, etc.





Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MDB Medias, OBNS Obninsk, and various regional stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PKSM Moragy, IDID Didiziasalis, and various regional stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TERO Teramo, OFFI Offida, and various regional stations.





Table with columns: Call Sign, City, Frequency, Power, Mode, and other parameters. Includes stations like EBIE Bielsa, HHC Hula, EBEN Beniarda, etc.

Table with columns: Call Sign, City, Frequency, Power, Mode, and other parameters. Includes stations like BJI Beijing, EADA Adamuz, EARI Arriondas, etc.

Table with columns: Call Sign, City, Frequency, Power, Mode, and other parameters. Includes stations like PMAFR Mafra, KBS Kingsbay, CLNS Chul'man, etc.







11d 3h

2008 SEP

500

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KIV Kislovodsk, KUM Summit, J12M Beaver Dam Sad, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NIE Niedzica, SRU San Rafael, ULM Lac du Bonnet, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WET Wettzell, GRA1 Grafenberg Arr, X19A St. Johns, etc.



Table with columns: WRA, ZALV, MKAR, MJAR, MJAR, SONM. Includes station names, coordinates, and time/phase data.

NIED 11 04:00:00, 41.70N, 144.30E, h8km, Mw4.8 Best double
MOS 11 04:00:57.7, 1.0, 41.69N, 144.17E, h28km, mb5.2/5.3, Error ellipse: s-maj=8.1km s-min=4.7km az=107.9

35C-20D, Hokkaido region

Main table for station data in the left column, including codes like ERM, JEM, JCH, etc., and station names like Erimo, Chirui, Onbets, etc.

Main table for station data in the middle column, including codes like PETK, CBIJ, SNY, DL2, CLNS, etc., and station names like Petropavlovsk, Shenyang, Dalian, etc.

Main table for station data in the right column, including codes like GYA, YZA, WMQ, etc., and station names like Yuzh-Kuril'sk, Kurchatov, etc.



Table with columns: LBZ, Lake Benmore, 2.60 73 PN, Pn, 04 28 20.3 -0.4, ODZ, Otahua Downs, 2.78 88 PN, Pn, 04 28 22.4 -0.9

ISCJB 11 04:41:14.5, 1.0, 39.08N, 0.07, 17.36E, 0.07, h10km, Error ellipse: s-maj=11.5km s-min=4.6km az=146.7

CSEM 11 04:41:15.1, 0.7, 39.16N, 17.32E, h10km, MD2.6/4, Error ellipse: s-maj=23.3km s-min=8.4km az=142.0

ROM 11 04:41:16.1, 0.3, 39.09N, 17.30E, h10km, MD2.6/4, MI1.6/4, Error ellipse: s-maj=5.0km s-min=2.3km az=149.0

ISC 11 04:41:15.5, 1.0, 39.08N, 0.07, 17.35E, 0.07, h10km, n12, c063/22, Southern Italy

Main table for the first section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC

DMN 11 04:52:18.4, 0.3, 31.19N, 82.98E, h2km, MI4.8/5, Error ellipse: s-maj=7.3km s-min=4.4km az=114.0

BUI 11 04:52:21.0, 30.53N, 83.13E, h18km, mb4.5/6, mb4.2/17, GKN Ms4.1/5, Ms7.3/9.5

ISCJB 11 04:52:22.0, 0.3, 30.88N, 0.03, 83.33E, 0.04, h10km, mb3.9/16, Error ellipse: s-maj=5.5km s-min=3.1km az=154.9

IDC 11 04:52:22.3, 0.7, 30.79N, 83.53E, h0km, mb4.0/14, mb1.4/17, mb1mx4.0/27, mb1mp4.0/17, ML3.7/3, Error ellipse: s-maj=23.0km s-min=14.7km az=41.0

NDI 11 04:52:23.6, 2.2, 30.79N, 83.44E, h10km, ML3.8, mb3.9(NEIC)

NEIC 11 04:52:23.6, 0.5, 30.83N, 83.46E, h10km, mb3.9/4, Error ellipse: s-maj=14.5km s-min=7.7km az=51.0

ISC 11 04:52:24.1, 0.3, 30.86N, 0.03, 83.38E, 0.04, h10km, n58, c1816/61, mb3.9/16, 1D, Kizang

Main table for the second section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC

DMN 11 04:56:58.0, 0.4, 41.74N, 144.21E, h0km, mb4.7/29, mb1.4/8/33, mb1mx4.8/36, mb1mp4.7/33, ML4.2/4, MS4.3/5, Ms1.4/3.5, ms1mx3.7/35, Error ellipse: s-maj=13.0km s-min=11.0km az=129.0

BUI 11 04:57:00.5, 41.80N, 144.11E, h23km, mb5.0/34, mb5.0/53, MS4.7/47, Ms7.4/54/6

ISCJB 11 04:57:00.6, 0.8, 41.69N, 0.03, 144.18E, 0.02, h27km, 5km, 94/187, MS4.6/31, Error ellipse: s-maj=4.7km s-min=2.8km az=161.3

NIED 11 04:57:00.7, 41.70N, 144.30E, h20km, Mw4.8 Best double couple: Mb1.62000, 1019.1, 1.1, 201.00000, 367.00000, 1.50, 0.00000, NP2, 86.00000, 345.00000, 1.147, 0.00000

MOS 11 04:57:01.9, 1.0, 41.78N, 144.14E, h34km, mb5.2/69, MS4.5/17.7, Error ellipse: s-maj=7.2km s-min=4.6km az=107.3

JMA 11 04:57:01.7, 0.2, 41.72N, 144.28E, h27km, 3km, MA.9 JMA Felt II J1

NEIC 11 04:57:02.3, 0.9, 41.72N, 144.16E, h26km, 6km, mb5.0/97, MW4.7(NIED), Error ellipse: s-maj=4.4km s-min=3.1km az=155.0

NEIC Recorded [2 JMA] in southeastern Hokkaido, Japan, region

ISC 11 04:57:02.6, 0.8, 41.75N, 0.03, 144.18E, 0.02, h27km, 5km, h32km, 1.3km, pP-P, n531, c0875/545, mb4.9/187, MS4.6/31, 97C-80D, Hokkaido region

Main table for the third section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC

ISCJB 11 04:55:43.8, 2.3, 10.0S, 0.1, 160.8E, 0.1, h13km, 12km, mb3.7/5, Error ellipse: s-maj=22.8km s-min=15.4km az=143.5

IDC 11 04:55:48.7, 7.7, 9.99S, 160.71E, h33km, 53km, mb3.6/5, mb1.3/9.6, mb1mx3.8/18, mb1mp3.7/6, ML3.8/1, Error ellipse: s-maj=41.6km s-min=24.6km az=102.0

NEIC 11 04:55:49.3, 1.4, 9.89S, 160.62E, h35km, Error ellipse: s-maj=27.8km s-min=17.5km az=116.0

ISC 11 04:55:46.1, 2.4, 10.0S, 0.1, 160.7E, 0.1, h14km, 12km, n9, c0861/11, mb3.7/5, Bougainville - Solomon Islands region

Main table for the fourth section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC

IDC 11 04:56:58.0, 0.4, 41.74N, 144.21E, h0km, mb4.7/29, mb1.4/8/33, mb1mx4.8/36, mb1mp4.7/33, ML4.2/4, MS4.3/5, Ms1.4/3.5, ms1mx3.7/35, Error ellipse: s-maj=13.0km s-min=11.0km az=129.0

BUI 11 04:57:00.5, 41.80N, 144.11E, h23km, mb5.0/34, mb5.0/53, MS4.7/47, Ms7.4/54/6

ISCJB 11 04:57:00.6, 0.8, 41.69N, 0.03, 144.18E, 0.02, h27km, 5km, 94/187, MS4.6/31, Error ellipse: s-maj=4.7km s-min=2.8km az=161.3

NIED 11 04:57:00.7, 41.70N, 144.30E, h20km, Mw4.8 Best double couple: Mb1.62000, 1019.1, 1.1, 201.00000, 367.00000, 1.50, 0.00000, NP2, 86.00000, 345.00000, 1.147, 0.00000

MOS 11 04:57:01.9, 1.0, 41.78N, 144.14E, h34km, mb5.2/69, MS4.5/17.7, Error ellipse: s-maj=7.2km s-min=4.6km az=107.3

JMA 11 04:57:01.7, 0.2, 41.72N, 144.28E, h27km, 3km, MA.9 JMA Felt II J1

NEIC 11 04:57:02.3, 0.9, 41.72N, 144.16E, h26km, 6km, mb5.0/97, MW4.7(NIED), Error ellipse: s-maj=4.4km s-min=3.1km az=155.0

NEIC Recorded [2 JMA] in southeastern Hokkaido, Japan, region

ISC 11 04:57:02.6, 0.8, 41.75N, 0.03, 144.18E, 0.02, h27km, 5km, h32km, 1.3km, pP-P, n531, c0875/545, mb4.9/187, MS4.6/31, 97C-80D, Hokkaido region

Main table for the fifth section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC

Main table for the sixth section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s, ISC





Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Colim, Berggiesshubel, Panska Ves, etc.

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

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





Table with columns: PCJ, XMIS, PWJI, Christmas Isla, Pagerwojo, S, P, S, Sn, Pn, Sn, 07 41 21.4 +0.5, 07 40 55.9 +0.3, 07 40 58.5 +2.0, 07 41 37.7 +1.3

NEIC 11 07:40:37.8, 33:20S:72:06W, h15km, ML2.5(GUC), After GUC.

GUC 11 07:40:37.8 & 0.5, 33:20S:72:06W, h15km, 348km, MD3.6, ML2.5

ISC 11 07:40:35.91, 3.33:11S:005:72:11W:0.08, h15km, 6km, n26, c082/50, 8C-2D, Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like LCC, Las Cruces, TACH, Talagante, SAN, Santiago, ANTU, Antumapu, CHNG, Los Chungos, JACH, Jahuel, CLOCH, Cerro Calan, LACH, Col Las Americ, PCH, Pirque, WRA, Warramunga Arr, ILAR, Eleison Array, YKAR, Yellowknife Ar, PDAR, Pinedale Array, LPAZ, La Paz.

GRSN GRESUNGRSN, GRSN GRESUNGRSN, HMMI Horasan, HMMI Horasan, ELZIG Elazig, ELZIG Elazig, DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, SVRC Sirrice-ELAZID, SVRC Sirrice-ELAZID, DBOC Borcka, DBOC Borcka, DBOC Borcka, ARTV Artvin, ARTV Artvin, RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, MYA Malataya, MYA Malataya, MALT Malatya, MALT Malatya, SCER sogukcermik, SCER sogukcermik, SVSK Karacayir, SVSK Karacayir, AKCD Akcadag, AKCD Akcadag, BEST Besiri, BEST Besiri, AGRB Hanur-Agry, AGRB Hanur-Agry, TOKT Tokat, TOKT Tokat, MARD Mardin, MARD Mardin, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, KVT Kavak, KVT Kavak, GZT Gaziantep, GZT Gaziantep, KMRS Kahramanmaras, KMRS Kahramanmaras, YOZ Yozgat, YOZ Yozgat, CTKT Corum, CTKT Corum, CTKT Kozan, CTKT Kozan, AVANT Avonos, AVANT Avonos, CDAG Cicekdag, CDAG Cicekdag.

ISCJB 11 08:33:45.6, 0.9, 31:36N:0:09:109:4E:0.2, h10km, mb3.5/4, Error ellipse: s-maj=20.7km s-min=8.3km az=151.4

IDC 11 08:33:46.0, 1.2, 31:58N:109:70E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.6/19, mbmtps3.5/4, MS3.0/1, Ms1 3.0/1, ms1mx2.2/25, Error ellipse: s-maj=55.0km s-min=24.6km az=66.0

BUL 11 08:33:48.9, 31:57N:109:40E, h14km, ML3.3/6

ISC 11 08:33:47.7, 0.9, 31:40N:0:09:109:3E:0.1, h10km, n8, c091/11, mb3.5/4, SICHUAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like XAN, Xi'an, WARRAMUNGA ARR, Lanzhou, LZH, Lanzhou, SONM, Songino Array, MJAR, Matsushiro Arr, MKAR, Makanchi Array, WRA, Warramunga Arr, ASAR, Alice Springs, ILAR, Eleison Array.

NEIC 11 08:33:58.0, 39:41N:33:07E, h5km, ML4.1(ISK), After ISK.

DDA 11 08:33:58.2, 39:43N:33:06E, h14km, 1km, ML4.0

ISC 11 08:33:58.3, 39:40N:33:07E, h2km, ML4.1

CSEM 11 08:33:59.6, 0.1, 39:44N:33:06E, h2km, ML4.1, Error ellipse: s-maj=3.2km s-min=1.5km az=163.6

ISCJB 11 08:33:58.6, 0.2, 39:44N:0:02:33:07E:0.02, h10km, mb3.7/4, Error ellipse: s-maj=2.4km s-min=2.1km az=177.8

IDC 11 08:34:00.3, 1.5, 39:48N:33:16E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/24, mbmtps3.7/6, ML3.7/1, MS3.0/5, Ms1 3.0/5, ms1mx2.2/72, Error ellipse: s-maj=27.1km s-min=10.5km az=157.0

ISC 11 08:34:00.6, 0.2, 39:44N:0:02:33:06E:0.02, h10km, n167, c1916/199, mb3.7/4, 10C-15D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like BBAL, Bala, KBAMT, Kaman, BR131, Keskin Array S, BR131, Keskin Array B, BRTR, Keskin Array B, CDAG, Cicekdag, CDAG, Cicekdag, KIZT, Kizilcal, KIZT, Kizilcal, ELDT, Eldivan, ELDT, Eldivan, KDNH, Kadinhani, KDNH, Kadinhani, SVRH, Sivrihisar-ESK, SVRH, Sivrihisar-ESK, SVRH, Sivrihisar-ESK, CANT, Cancirli, CANT, Cancirli.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like SULT, Sultanhani-AKS, SULT, Sultanhani-AKS, SGKT, Sivrigonyuk, SGKT, Sivrigonyuk, CORM, Corum, CORM, Corum, AVNT, Avonos, AVNT, Avonos, KONT, Konya-Tatoy, KONT, Konya-Tatoy, KONT, Konya-Tatoy, ILGA, Ilgaz, ILGA, Ilgaz, ESKT, Eskisehir, SEYV, Eskyepheyr, MDU, Mudurnu, MDU, Mudurnu, TOS, Tosya, TOS, Tosya, YOZ, Yozgat, YOZ, Yozgat, CTKT, Corum, CTKT, Corum, CTKT, Corum, CTKT, Bolvadin, BOLV, Bolvadin, BOLV, Safranbolu, SAFT, Safranbolu, BORA, Eskisehir, BORA, Eskisehir, BALT, Daday, BALT, Daday, SHUT, Suhut-Afyon, SHUT, Suhut-Afyon, HENT, Hendek, HENT, Hendek, GULE, Gulveren, GULE, Gulveren, KDZE, Karadeniz Ereo, KDZE, Karadeniz Ereo, GPB, Galpazari, GPB, Galpazari, GYAT, Goyabat, GYAT, Goyabat, SPNC, Sapanca-Adapaz, SPNC, Sapanca-Adapaz, HDMB, Hadim, HDMB, Hadim, GULE, Gulek, GULE, Gulek, CAVI, Cavusko, CAVI, Cavusko, BZK, Bozkurt, BZK, Bozkurt, KARA, Karaisalı, KARA, Karaisalı, PINB, Pınarbası, PINB, Pınarbası, ANVB, Anırbahap, ANVB, Anırbahap, BCK, Bucak, BCK, Bucak, TOKA, Tokat, TOKA, Tokat, ERMK, Ermenek, ERMK, Ermenek, GDZ, Gediz, GDZ, Gediz, KVT, Kavak, KVT, Kavak, TOKT, Tokat, TOKT, Tokat, KOZT, Kozan, KOZT, Kozan, HRT, Hereke, HRT, Hereke, SVSK, Karacayir, SVSK, Karacayir, ULDT, Uludağ, ULDT, Uludağ, SILT, Sile, SILT, Sile, SCER, sogukcermik, SCER, sogukcermik, ANDR, Andirin, ANDR, Andirin, ANDN, Andirin, ANDN, Ceyhan, CEYT, Ceyhan, IKL, Isikli, IKL, Isikli, YURE, Yuregiri, YURE, Yuregiri, RSDY, Resadiye-TOKAT, RSDY, Resadiye-TOKAT, DURS, Dursunbey, DURS, Dursunbey, DURS, Dursunbey, KMRS, Kahramanmaras, KMRS, Kahramanmaras, GAZ, Gaziantep, GAZ, Gaziantep, SUSE, Susehri, SUSE, Susehri, YAYL, Yayladag, YAYL, Yayladag, AKAS, Kayabat, AKAS, Kayabat, KEMA, Kemaliye, KEMA, Kemaliye, MYA, Malatya, MYA, Malatya, MALT, Malatya, MALT, Malatya, MALT, Malatya, MALT, Malatya, EZZ, Erzincan, EZZ, Erzincan, PTK, Pertek, PTK, Pertek, PTK, Pertek, BINT, Bingol, BINT, Bingol, SUSE, Susehri, SUSE, Susehri, KEMA, Kemaliye, KEMA, Kemaliye, PZAR, Pazar-Rize, PZAR, Pazar-Rize, BINGL, Bingol, BINGL, Bingol.



Table of astronomical observations for 11d 10h, listing stations like KAKA, KNA, FITZ, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2008 SEP, listing stations like AFSR, BBAL, BBAL, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2008 SEP, listing stations like KOZ, KOZ, KIL, etc., with columns for station name, coordinates, and observation details.







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

Table with columns: SUTC, SUTP, NPS, NPTC. Includes values like 2.36 62 ePN, 2.36 62 ePN, etc.

IGQ 11 12:35:18.4, 1.575x78.22W, h181km, Mb4.0, Ms3.8, 3C-19D, Error ellipse: s-maj=3.2km s-min=1.7km az=17.3, Ecuador

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

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

ISCJB 11 11:53:32.4, 0.6, 6.04S; 0.05x128.9E, 0.1, h326km, gkm, mb3.6/8, Error ellipse: s-maj=19.2km s-min=6.4km az=164

NEIC 11 11:53:32.2, 1.4, 6.03S; 128.68E, h302km, 17km, mb4.5/2, Error ellipse: s-maj=18.3km s-min=8.6km az=45.0

DJA 11 11:53:33.6, 0.40S; 128.89E, h131km, mb4.9, Error ellipse: s-maj=12.3km s-min=8.9km az=45.0

ISC 11 11:53:34.6, 2.3, 6.13S; 128.69E, h331km, mb3.5/7, mb1.3/6/10, mb1mx3.5/18, mbtmp3.5/10, Error ellipse: s-maj=29.4km s-min=8.9km az=69.0

ISC 11 11:53:33.5, 0.6, 6.11S; 128.7E, 0.1, h319km, gkm, n26, 0.885/31, mb3.6/8, 1C, Banda Sea

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

DDA 11 12:38:35.8, 40.56N; 33.94E, h7km, 3km, Md2.9, Error ellipse: s-maj=5.8km s-min=3.8km az=28.8

ISCJB 11 12:38:36.2, 0.5, 40.56N; 0.03x33.96E, 0.03, h6km, gkm, Error ellipse: s-maj=5.8km s-min=3.8km az=28.8

CSEM 11 12:38:36.2, 0.1, 40.55N; 33.94E, h5km, Md2.5, Error ellipse: s-maj=1.7km s-min=1.4km az=34.0

ISC 11 12:38:36.0, 0.5, 40.56N; 0.03x33.94E, 0.04, h6km, gkm, n23, 0.676/38, Turkey

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

IDC 11 12:59:50.7, 4.2, 29.89N; 138.16E, h381km, 110km, mb3.0/2, mb1.3/2.4, mb1mx2.8/2.3, mbtmp3.1/4, Error ellipse: s-maj=228.8km s-min=21.1km az=66.0

ISCJB 11 12:59:51.0, 1.0, 30.30N; 0.1x139.3E, 0.4, h448km, 19km, mb3.1/2, Error ellipse: s-maj=58.6km s-min=8.6km az=165.6

JMA 11 12:59:51.9, 0.2, 30.26N; 139.16E, h431km, M3.1, Error ellipse: s-maj=58.6km s-min=8.6km az=165.6

ISC 11 12:59:52.4, 0.8, 30.40N; 0.1x139.5E, 0.4, h443km, 19km, n10, 0.192/16, mb3.0/2, Southeast of Honshu

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

IDC 11 13:06:24.3, 12.0, 21.49S; 178.61W, h541km, 114km, mb3.1/5, mb1.3/3/5, mb1mx3.1/7, mbtmp3.1/5, Error ellipse: s-maj=132.5km s-min=46.9km az=132.0

ISCJB 11 13:06:26.6, 6.3, 21.55S; 0.8x178.7W, 0.8, h584km, 41km, mb3.7/5, Error ellipse: s-maj=160.1km s-min=31.2km az=139.0

NEIC 11 13:06:27.1, 4.1, 21.53S; 178.69W, h575km, 27km, Error ellipse: s-maj=101.5km s-min=18.5km az=140.0

ISC 11 13:06:26.9, 6.3, 21.65S; 0.8x178.7W, 0.8, h576km, 40km, n9, 0.636/6, mb3.7/5, Fijil Islands region

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

ATH 11 12:29:46.9, 37.28N; 27.56E, h10km, MD2.9/3, Error ellipse: s-maj=36.34N-28.28E, h76km, MD2.8

DDA 11 12:29:56.6, 36.59N; 28.53E, h7km, 7km, Md3.1, Error ellipse: s-maj=36.34N-28.28E, h76km, MD2.8

ISCJB 11 12:29:52.0, 0.8, 36.40N; 0.04x28.38E, 0.04, h69km, gkm, Error ellipse: s-maj=6.0km s-min=5.3km az=4.0

CSEM 11 12:29:58.0, 0.2, 36.42N; 28.38E, h60km, MD3.1, Error ellipse: s-maj=6.0km s-min=5.3km az=4.0

ISC 11 12:29:57.9, 0.8, 36.40N; 0.04x28.38E, 0.04, h65km, gkm, n37, 0.891/57, Dodecanese Islands

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

DDA 11 12:39:40.9, 40.56N; 33.95E, h13km, 3km, Md3.0, Error ellipse: s-maj=5.7km s-min=3.6km az=41.4

ISCJB 11 12:39:41.0, 0.5, 40.56N; 0.03x33.94E, 0.04, h5km, gkm, Error ellipse: s-maj=5.7km s-min=3.6km az=41.4

ISC 11 12:39:41.9, 40.56N; 33.92E, h5km, MD2.7, Error ellipse: s-maj=3.7km s-min=2.8km az=44.0

ISC 11 12:39:41.0, 0.5, 40.55N; 0.03x33.93E, 0.04, h2km, 7km, n25, 0.82/41, Turkey

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

IDC 11 13:16:42.8, 1.2, 32.23N; 105.17E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/2.3, mbtmp3.5/4, Error ellipse: s-maj=193.0km s-min=21.2km az=56.0

BUI 11 13:16:47.1, 31.94N; 104.69E, h13km, ML3.2/12, Error ellipse: s-maj=3.3km s-min=2.8km az=42.0

ISC 11 13:16:42.9, 0.9, 31.93N; 0.04x104.62E, 0.06, h2km, gkm, n7, 0.80/11, mb3.5/4, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

DJA 11 13:27:35.2, 82N; 125.90E, h13km, MLV3.5/3, Talaud Islands

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

ISK 11 13:29:05.5, 38.21N; 103.44E, h8km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.8km az=42.0

ISCJB 11 13:29:08.0, 0.6, 37.91N; 0.04x30.23E, 0.05, h10km, Error ellipse: s-maj=3.3km s-min=2.8km az=42.0

CSEM 11 13:29:08.0, 0.5, 37.93N; 0.04x30.23E, h8km, MD2.9, Error ellipse: s-maj=12.3km s-min=8.7km az=39.0

DDA 11 13:29:11.0, 0.7, 37.94N; 30.12E, h7km, 7km, Md2.9, Error ellipse: s-maj=7.6km s-min=4.8km az=56.0

ISC 11 13:29:09.0, 0.7, 37.90N; 0.04x30.22E, 0.05, h4km, gkm, n26, 0.146/38, Turkey

11cd 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BCK Bucak, KHL Karahalli, SUTC Sutluce-Ispart, etc.

ISK 11 13:30:49.7, 38.79N, 38.06E, h6km, MD2.8
ISCJB 11 13:30:52.1, 0.7, 38.79N, 0.03, 38.17E, 0.05, h10km, Error
DDA 11 13:30:52.1, 0.38, 72N, 38.16E, h2km, MD2.8
CSEM 11 13:30:52.1, 0.3, 38.79N, 38.14E, h2km, MD2.8, Error
ISC 11 13:30:52.0, 0.8, 38.73N, 0.04, 38.15E, 0.06, h6km, 17km, n16, c084/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MYA Malatya, AKCD Akcadag, MALT Malatya, etc.

ISK 11 13:31:50.7, 40.37N, 35.04E, h5km, MD2.6
DDA 11 13:31:51.3, 40.44N, 34.90E, h7km, 7km, MD2.9
CSEM 11 13:31:51.0, 0.3, 40.45N, 35.00E, h2km, MD2.9, Error
ISC 11 13:31:51.0, 0.3, 40.45N, 35.00E, h2km, MD2.9, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTCK Corum, YOZ Yozgat, CDAG Cicekdag, etc.

ISCJB 11 13:36:28.4, 0.6, 36.69N, 0.04, 71.30E, 0.08, h235km, 8km, mb3.5/5, Error ellipse: s-maj=11.3km s-min=6.3km az=157.5

IDC 11 13:36:28.5, 0.3, 36.57N, 0.1, 71.54E, h222km, 42km, mb3.1/5, mb1.3, 2.9, mb1mx3.0/25, mbtmp3.0/9, Error ellipse: s-maj=13.7km s-min=9.0km az=109.0

NEIC 11 13:36:28.4, 0.7, 36.58N, 0.1, 71.41E, h226km, 7km, mb3.9/5, Error ellipse: s-maj=13.7km s-min=9.0km az=109.0

NNC 11 13:36:33.5, 1.3, 37.06N, 0.1, 71.17E, h205km, 18km, mb2.7, mpv3.8, Error ellipse: s-maj=13.0km s-min=7.5km az=23.0

ISC 11 13:36:29.3, 0.7, 36.71N, 0.05, 71.32E, 0.08, h227km, 8km, n35, c1905/40, mb3.3/5, 5C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, KSH Kashi, AML Almayashu, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ULHL Ulahol, TKM2 Tokmak 2, DANGANG Dangsang, etc.

ISCJB 11 13:52:52.6, 0.7, 25.90S, 0.05, 131.00E, 0.06, h10km, Error ellipse: s-maj=8.3km s-min=6.4km az=15.3
IDC 11 13:52:57.4, 3.1, 25.92S, 0.1, 131.14E, h0km, mb1.3/6/4, mb1mx3.4/15, mbtmp3.4/4, ML3.3/4, Error ellipse: s-maj=26.0km s-min=23.2km az=48.0

ISC 11 13:52:56.0, 0.6, 25.97S, 0.04, 130.98E, 0.05, h10km, n9, c1869/19, Northern Territory

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 Aktyubinsk, UNV Unalaska Valle, etc.

ISCJB 11 13:52:56.0, 0.6, 25.97S, 0.04, 130.98E, 0.05, h10km, n9, c1869/19, Northern Territory

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 Aktyubinsk, UNV Unalaska Valle, etc.

ISC 11 13:53:41.4, 37.20N, 35.70E, h23km, MD2.7
ISCJB 11 13:53:42.3, 0.5, 37.20N, 0.03, 35.71E, 0.04, h26km, 5km, Error ellipse: s-maj=6.0km s-min=5.0km az=149.7

DDA 11 13:53:42.4, 37.19N, 35.70E, h24km, MD3.0
CSEM 11 13:53:42.0, 1.7, 37.19N, 35.69E, h24km, 1km, MD2.7, Error ellipse: s-maj=3.6km s-min=2.9km az=153.0

ISC 11 13:53:42.4, 0.5, 37.20N, 0.03, 35.71E, 0.04, h24km, 5km, n21, c086/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CEYT Ceyhan, KOZT Kozan, YURE Yuregir, etc.

NNC 11 14:10:40.3, 4.5, 39.15N, 72.24E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=36.0km s-min=19.5km az=173.0
ISC 11 14:10:39.2, 3.3, 38.8N, 0.1, 72.0E, 0.1, h35km, n9,

514

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, EKS2 Erkin-Say, KZA Kyzart, etc.

JMA 11 14:25:20.6, 0.7, 46.84N, 152.72E, h30km, M4.4
ISCJB 11 14:25:22.1, 1.2, 46.5N, 0.1, 152.7E, 0.1, h5.7km, 11km, mb3.7/8, Error ellipse: s-maj=23.5km s-min=7.0km az=138.9

MOS 11 14:25:22.6, 0.5, 46.51N, 152.77E, h53km, mb3.8/2, Error ellipse: s-maj=21.7km s-min=12.2km az=51.8

NEIC 11 14:25:26.8, 1.9, 46.71N, 152.65E, h80km, 16km, Error ellipse: s-maj=24.0km s-min=13.0km az=144.0

IDC 11 14:25:27.3, 3.0, 46.74N, 152.62E, h84km, 27km, mb3.4/8, mb1.3/6/10, mb1mx3.5/24, mbtmp3.4/10, Error ellipse: s-maj=26.6km s-min=16.5km az=128.0

ISC 11 14:25:23.8, 1.0, 46.5N, 0.1, 152.9E, 0.1, h54km, 10km, n41, c1837/19, mb3.7/8, 1D, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, Rausu, Nakash, etc.

SONM Songoing Array 31.22 290 P P 14 31 38.5 +0.8

SONM Songoing Array 31.22 290 P P 14 31 38.5 +0.7

ILAR Eielson Array 36.92 38 P P 14 32 26.4 -0.5

ILAR Eielson Array 36.92 38 P P 14 32 26.5 -0.4

FINES FINES Array B 64.22 305 P P 14 35 49.8 -2.6

FINES FINES Array B 64.22 305 P P 14 35 49.8 -2.6

FINES FINES Array B 64.22 305 P P 14 35 49.8 -2.6

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FINES FINES Array B 64.22 305 P P 14 35 49.8 -2.6

FINES FINES Array B 64.22 305 P P 14 35 49.8 -2.6

MAN 11 14:29:18, 17.85N, 120.56E, h21km, mb4.0, ML2.8, MS2.5, 1D, Luzon

ISCJB 11 14:30:47.1, 1.4, 39.51N, 108.78E, 0.1, h10km, Error ellipse: s-maj=12.9km s-min=8.7km az=136.4

BUI 11 14:30:53.5, 39.95N, 77.49E, h15km, ML3.4/4
NEIC 11 14:30:53.5, 1.5, 39.75N, 77.79E, h10km, Error ellipse: s-maj=19.5km s-min=11.4km az=123.0
ISC 11 14:30:49.4, 1.5, 39.53N, 0.08, 78.3E, 0.1, h10km, n21, c1927/26, 7C-1D, Southern Xinjiang

515

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Kashi, Kyzart, Tokmak 2, etc.

ISC/JB 11 14:44:46.2-0.6, 37.85N-0.04-22.95E:0.05, h2km, 7km, Error ellipse: s-maj=6.9km s-min=5.8km az=135.6

ATH 11 14:44:46.3, 37.85N-22.93E, h18km, 4km, MD2.97, ML1.9

CSEM 11 14:44:46.0-0.1, 37.85N-22.94E, h20km, MD2.9, Error ellipse: s-maj=4.1km s-min=3.3km az=28.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Loutraki, Didima, Nisos Aigina, etc.

DDA 11 14:45:30.8, 38.27N-38.11E, h7km, 2km, MD2.7

ISK 11 14:45:30.1, 38.08N-38.49E, h5km, MD2.9

ISC/JB 11 14:45:31.6-0.7, 38.33N-0.04-38.11E:0.04, h2km, 9km, Error ellipse: s-maj=8.0km s-min=4.8km az=154.6

CSEM 11 14:45:31.4-0.3, 38.34N-38.10E, h8km, 3km, MD2.7, Error ellipse: s-maj=7.0km s-min=4.2km az=154.0

ISC 11 14:45:32.1-0.6, 38.33N-0.04-38.10E:0.04, h4km, 10km, n21, c0548/30, 1C, Turkey

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

IDC 11 14:45:50.9-1.0, 22.92S-170.36E, h0km, mb4.2/11, mb1.4/11, mb1mx4.4/14, mb1mx4.2/11, MS3-29, Ms1.3/9, ms1mx3.6/24, Error ellipse: s-maj=28.6km s-min=23.5km az=129.0

NOU 11 14:45:52.9, 1.2, 19.87S-169.89E, h10km, MD3.1, ML3.6

ISC/JB 11 14:45:54.1-2.3, 22.90S-0.08-170.38E:0.05, h31km, 17km, mb4.4/18, MS4-0/7, Error ellipse: s-maj=13.4km s-min=7.5km az=18.6

NEIC 11 14:45:56.0-3.8, 22.88S-170.39E, h3km, 28km, MS5.0/4, Error ellipse: s-maj=14.2km s-min=11.5km az=165.0

ISC 11 14:45:55.9-2.3, 22.89S-0.07-170.38E:0.05, h31km, 17km, n74, c1506/45, mb4.4/18, MS4-0/7, 9C-6D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Yate Dam, BAYA.

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Table with columns: PLUM, NORM, DZM, etc. Includes stations like Mont Dore, Noumea, Port Laguerre, etc.

MALT Malatya 136.36 302.11 PKIKP 15 05 22.3 +6.0

TIRR Tigrusor 142.19 314.11 PKPKP 15 05 27.8 -0.3

Muntele Rosu 143.37 317.11 PKPKF 15 05 26.0 -1.1

VOIR 145.96 317.11 PKPKF 15 05 19.1 -9.1

CRVS Cervencia-Dubn 144.26 324.11 PKPKF 15 05 29.1 +0.5

CRVS Cervencia-Dubn 144.26 324.11 PKPKF 15 05 29.1 +0.5

DRGR 144.72 320.11 PKPKF 15 05 29.9 +0.5

KECS Kecovo 145.03 324.11 PKPKb 15 05 12.9 -5.5

KECS Kecovo 145.03 324.11 PKPKF 15 05 30.8 +0.9

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

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KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

KECS Kecovo 145.03 324.11 PKPKb 15 05 42.7 -0.2

11d 15h

Table with columns: YUH, RMX, CRP, etc. Includes stations like Yuha Desert, La Rumorosa, Carrizo Plain, etc.

NEIC 11 15:08:51.9, 16.64N-94.96W, h86km, MD4.0(MEX), After MEX.

MEX 11 15:08:51.7-1.4, 16.65N-94.96W, h88km, 14km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Matias Romero, Huatulco, Vista Hermosa, etc.

ATH 11 15:14:05.3, 40.76N-23.64E, h33km, 5km, MD3.0/5

THE 11 15:14:06.7, 40.73N-23.73E, h4km, 2km, ML2.1/8, Error ellipse: s-maj=2.7km s-min=0.4km az=279.0

CSEM 11 15:14:06.0-1.1, 40.73N-23.75E, h2km, MD3.0, Error ellipse: s-maj=2.4km s-min=2.2km az=79.0

ISC/JB 11 15:14:06.0-0.4, 40.73N-0.02-23.73E:0.03, h7km, 4km, Error ellipse: s-maj=3.6km s-min=3.3km az=4.1

SKO 11 15:14:07.7, 40.83N-23.76E, h6km, MZ.0, ML2.3

BEO 11 15:14:08.8, 1.1, 40.79N-23.68E, h2km, 4km, ML2.4/3

ISC 11 15:14:06.0-1.4, 40.73N-0.02-23.74E:0.03, h1km, 5km, n37, c0560/63, 3D, Greece

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

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

Table with columns: ENH, Enshi, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Enshi, Guiyang, etc.

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

ISCJB 11 15:38:19.0±1.0, 19.8S:0.1x177.7W:0.1, h538km, 15km, mb3.8/1.4, Error ellipse: s-maj=24.2km s-min=11.5km az=145.4

NIED 11 16:03:00, 40.70N, 142.80E, h83km, Mw4.0. Best double couple: M1 260000, 1019, NP1=325, 00000, 868, 00000, 1.88, 00000, NP2=149, 0000, 822, 00000, 1.94, 00000, 0.00

IDC 11 16:18:56.9±1.3, 1.81N:127.09E, h0km, mb4.2/4, mb1 4.3/5, mb1mx3.8/1.8, mbtmp4.1/5, ML4.0/1, MS2.9/1, MS1=2.9/1, ms1mx2.1/2.9, Error ellipse: s-maj=52.7km s-min=15.5km az=82.0

IDC 11 15:38:20.3±1.6, 19.74S:177.73W, h537km, 21km, mb3.3/7, mb1 3.7/9, mb1mx3.4/1.9, mbtmp3.4/9, Error ellipse: s-maj=35.2km s-min=11.7km az=148.0

JMA 11 16:03:49.1±0.1, 40.71N:142.79E, h43km, M4.2 Broadband fault plane solution: P waves. NP1: 176, 00000, 319, 00000, 1.64, 00000, NP2=23, 00000, 373, 00000, 1.93, 00000, Principal axes: T P1661, 0000, Az=305, 0000, N P168, 0000, Az=200, 0000, P1=28, 0000, Az=160, 0000

ISCJB 11 16:03:08.8±1.5, 1.90N:0.1x127.41E:0.08, h130km, 9km, mb4.0/4, Error ellipse: s-maj=22.3km s-min=11.4km az=24.3

ISC 11 15:38:19.6±1.0, 19.8S:0.1x177.7W:0.1, h534km, 14km, n23, c093/26, mb3.8/1.4, 2D, Fiji Islands region

JMA Felt J1, IDC 11 16:03:49.4±0.5, 40.70N:142.92E, h62km, 21km, mb3.4/9, mb1 3.7/12, mb1mx3.5/2.4, mbtmp3.5/12, MS2.8/1, Ms1 2.8/1, ms1mx1.8/27 Error ellipse: s-maj=23.8km s-min=13.0km az=105.0

DJA 11 16:18:09, 1.99N:127.40E, h107km, MLv4.0/4, ISC 11 16:09:7.1±5.1, 1.9N:0.1x127.43E:0.09, h122km, 10km, n11, c069/13, mb4.1/4, Malhera

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

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

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

IDC 11 15:45:08.0±0.9, 31.57N:103.97E, h0km, mb3.8/8, mb1 3.9/10, mb1mx3.8/2.4, mbtmp3.8/10, ML3.4/2, Error ellipse: s-maj=36.8km s-min=16.6km az=59.0

ASAJ Asahikawa 3.40 357 P Pn 16 04 40.6 +0.6

IDC 11 16:24:17.2±2.6, 6.87S:150.36E, h0km, mb3.4/5, mb1 3.7/5, mb1mx3.5/1.6, mbtmp3.5/5, Error ellipse: s-maj=72.1km s-min=24.3km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CD2, CZH, etc.

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

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

Table with columns: WRA, KAKA, FITZ, etc. Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: SDCO, ZALV, MKAR, etc. Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

BE0 11 16:39:02.70.9, 41.151N, 22.33E, h2km, 2km, ML2.6/6
ATH 11 16:39:02.6, 41.43N, 22.33E, h16km, 6km, MD3.2/7
SKO 11 16:39:03.2, 41.32N, 22.36E, h15km, M2.4, ML2.8

ISCJB 11 16:39:04.7, 0.2, 41.31N, 0.02, 22.37E, h2km, Error
ellip: s-maj=2.2km s-min=2.1km az=38.0
CSEM 11 16:39:04.2, 0.1, 41.30N, 22.37E, h2km, ML2.6/11, Error
ellip: s-maj=3.0km s-min=2.8km az=38.0

TIR 11 16:39:05.7, 41.33N, 22.15E, h6km, ML3.4
ISC 11 16:39:05.2, 0.2, 41.29N, 0.02, 22.37E, h2km, n105,
+133/161, 3C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: LIT, WRA, KAKA, FITZ, etc. Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

BE0 11 16:39:02.70.9, 41.151N, 22.33E, h2km, 2km, ML2.6/6
ATH 11 16:39:02.6, 41.43N, 22.33E, h16km, 6km, MD3.2/7
SKO 11 16:39:03.2, 41.32N, 22.36E, h15km, M2.4, ML2.8

ISCJB 11 16:39:04.7, 0.2, 41.31N, 0.02, 22.37E, h2km, Error
ellip: s-maj=2.2km s-min=2.1km az=38.0
CSEM 11 16:39:04.2, 0.1, 41.30N, 22.37E, h2km, ML2.6/11, Error
ellip: s-maj=3.0km s-min=2.8km az=38.0

TIR 11 16:39:05.7, 41.33N, 22.15E, h6km, ML3.4
ISC 11 16:39:05.2, 0.2, 41.29N, 0.02, 22.37E, h2km, n105,
+133/161, 3C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

ISC 11 16:42:59.2, 1.1, 10.85S, 165.98E, h0km, mb4.1/8,
mb1.4/2.9, mb1mx3.2/18, mbtmp3.2/3, Error ellipse:
s-maj=164.5km s-min=27.9km az=67.0, Halmahera

ISCJB 11 16:43:03.0, 4.4, 10.9S, 0.2, 165.9E, 0.2, h33km, 35km,
mb4.0/8, MS3.9/2, Error ellipse: s-maj=35.4km,
s-min=24.9km az=166.1

NEIC 11 16:43:05.2, 2.7, 10.88S, 165.91E, h40km, 22km, mb4.2/1,
Error ellipse: s-maj=22.9km s-min=16.1km az=77.0
ISC 11 16:43:05.4, 3.7, 10.9S, 0.2, 165.9E, 0.2, h40km, 30km, n12,
+038/11, mb4.0/8, MS3.9/2, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Alt, Slope, SNR, and other parameters.

ISCJB 11 17:11:33.9, 0.2, 19.71S, 0.02, 69.14W, 0.04, h106km,
mb5.0/125, Error ellipse: s-maj=5.5km s-min=3.4km
az=171.8
GUC 11 17:11:33.5, 0.9, 19.73S, 69.37W, h108km, 9km, ML5.3
IDC 11 17:11:34.0, 0.4, 19.58S, 69.11W, h107km, 3km, mb4.5/21,
mb1.4/6.24, mb1mx4.6/26, mbtmp4.5/24, MS4.2/13,
ms=1.4/13, ms1mx0.2/22, Error ellipse: s-maj=14.2km,
s-min=9.8km az=54.0

NEIC 11 17:11:34.0, 0.2, 19.65S, 69.05W, mb5.1/14, Error
ellip: s-maj=6.2km s-min=3.9km az=59.0
NEIC Felt (III) at Alto Hospicio, Camina, Colchane, Huara,
Liquique, Pica and Pozo Alamo; (II) at Arica.
BUI 11 17:11:35.6, 19.60S, 69.10W, h106km, mb5.1/16
GCMT 11 17:11:37.4, 0.2, 19.80S, 69.46W, h124km, 1km, MW5.3,
Moment Tensor Solution, s75,c106; s87,c145; Moment
tensor: Scale 10^17Nm; Mr=0.0; Mw=0.0; Ms=0.0;



M=0.00; M=0.00; M=0.00; Best double couple: M=1.00000x1017 N=1.176.00000, 828.00000, 1-80.00000; NP2=345.00000, 362.00000, 1-95.00000; Principal axes: T 1.0600, Plg17.0000, Azm79.0000; N -0.1100, Plg5.0000, Azm348.0000; P -0.9500, Plg72.0000, Azm242.0000; Data Used: II IU G CN.

ISC 11 17:11:34.8-0.2,19.755-0.03,69.12W,0.04,H108Km, h108km,7km;p-P,N,478,05;86/437,mb5.0/125,71C-86D,

Northern Chile

Table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Lists seismic stations in Northern Chile with their respective codes and coordinates.

Table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Lists seismic stations in the central and southern regions of Chile.

Table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Lists seismic stations in the southern regions of Chile.



Q16A	baz=71,SNR=12	70.40 326	↑P	P	17 22 37.7 +0.4
O19A	baz=71,SNR=8.7	70.41 329	↑P	P	17 22 37.2 -0.1
HEC	baz=74,SNR=16	70.41 320	↑P	P	17 22 37.6 +0.3
QSPA	baz=71,SNR=17	70.43 180	eP	P	17 22 38.2 +1.3
P18A	comp=N,42nm,0.8s,m5.1	70.46 327	↑P	P	17 22 37.9 +0.3
U12A	baz=71,SNR=11	70.46 322	↑P	P	17 22 38.2 +0.5
U12A	Valley of Fire	70.46 322	↑P	P	17 22 38.2 +0.5
J13A	baz=71,SNR=12	70.47 325	↑P	P	17 22 38.7 +0.6
R15A	baz=71	70.51 323	↑P	P	17 22 38.7 +0.8
R15A	Saint George	70.51 323	↑P	P	17 22 38.7 +0.8
RWWY	baz=71	70.57 331	eP	P	17 22 38.6 +0.4
RWWY	Rawlins	70.57 331	eP	P	17 22 38.6 +0.4
M21A	comp=N,163nm,2.3s,m5.5	70.58 331	eP	P	17 22 38.4 +0.1
M21A	Separation Pea	70.58 331	eP	P	17 22 38.4 +0.1
CCUT	baz=71,SNR=8.1	70.59 324	eP	P	17 22 39.4 +1.0
CCUT	Cedar City	70.59 324	eP	P	17 22 39.4 +1.0
MSU	comp=N,56nm,1.3s,m5.2	70.64 325	eP	P	17 22 39.2 +0.5
MSU	Marysville	70.64 325	eP	P	17 22 39.2 +0.5
ARUT	comp=N,35nm,1.2s,m5.1	70.65 319	eP	P	17 23 04.9 -0.8
ARUT	Antelope Range	70.65 319	eP	P	17 22 40.4 +0.7
BFSO	comp=N,51nm,1.2s,m5.2	70.62 319	↑P	P	17 23 07.5 +0.7
BFSO	Mount Baldy	70.62 319	↑P	P	17 22 40.4 +0.5
L21A	baz=71,SNR=7.6	70.86 331	P	P	17 22 39.7 -0.2
L21A	Rawlins	70.86 331	P	P	17 22 39.7 -0.2
SHPR	baz=71,SNR=14	70.87 322	eP	P	17 22 40.0 -0.1
SHPR	Sheep Range	70.87 322	eP	P	17 22 40.0 -0.1
M20A	comp=N,35nm,1.2s,m5.1	70.87 330	↑P	P	17 23 07.5 +0.3
M20A	Sweetwater, Wa	70.87 330	↑P	P	17 22 40.1 +0.1
S13A	baz=71,SNR=6.1	70.88 324	P	P	17 22 41.4 +1.1
S13A	Holt Ranch, En	70.88 324	P	P	17 22 41.4 +1.1
GSC	baz=71,SNR=35	71.01 320	↑P	P	17 22 41.6 +0.6
GSC	Goldstone	71.01 320	↑P	P	17 22 41.6 +0.6
GSC	Goldstone	71.01 320	eP	P	17 22 41.8 +0.8
GSC	Goldstone	71.01 320	eP	P	17 22 41.8 +0.8
MWC	comp=N,82nm,1.7s,m5.3	71.06 319	eP	P	17 23 08.1 0.0
MWC	Mount Wilson	71.06 319	eP	P	17 22 41.7 +0.4
O17A	comp=N,85nm,1.5s,m5.3	71.13 327	↑P	P	17 23 08.4 0.0
O17A	Robinson Place	71.13 327	↑P	P	17 22 42.4 +0.8
K21A	baz=71,SNR=7.5	71.33 331	P	P	17 22 43.0 +0.1
K21A	Alcova	71.33 331	P	P	17 22 43.0 +0.1
L20A	baz=72,SNR=25	71.35 330	↑P	P	17 22 42.9 0.0
L20A	Wamsutter	71.35 330	↑P	P	17 22 42.9 0.0
R13A	baz=72,SNR=7.4	71.37 324	P	P	17 22 44.3 +1.2
R13A	O'Grain Ranch,	71.37 324	P	P	17 22 44.3 +1.2
T11A	baz=72,SNR=12	71.41 323	P	P	17 22 44.3 +0.9
T11A	Corn Creek, Al	71.41 323	P	P	17 22 44.3 +0.9
EDW2	baz=72,SNR=25	71.45 319	P	P	17 22 43.9 +0.2
EDW2	Edwards Air Fo	71.45 319	P	P	17 22 43.9 +0.2
U10A	baz=72,SNR=8.9	71.49 321	↑P	P	17 22 44.9 +1.0
U10A	Ash Meadows, A	71.49 321	↑P	P	17 22 44.9 +1.0
DAU	baz=72,SNR=6.6	71.56 327	eP	P	17 22 44.5 +0.3
DAU	Daniels Canyon	71.56 327	eP	P	17 22 44.5 +0.3
Q14A	comp=N,76nm,1.7s,m5.2	71.57 325	P	P	17 22 45.1 +0.8
Q14A	Sevier Lake (B	71.57 325	P	P	17 22 45.1 +0.8
J22A	baz=72,SNR=31	71.61 323	eP	P	17 22 44.0 -0.5
J22A	Midwest	71.61 323	eP	P	17 22 44.0 -0.5
NLU	comp=N,127nm,1.0s,m5.0	71.64 326	eP	P	17 23 11.9 +0.1
NLU	North Lily Min	71.64 326	eP	P	17 22 45.5 +0.7
LRMC	comp=N,127nm,1.0s,m5.0	71.67 320	↑P	P	17 22 45.4 +0.4
LRMC	Laurel Mountai	71.67 320	↑P	P	17 22 45.4 +0.4
N17A	baz=72,SNR=20	71.74 328	↑P	P	17 22 45.7 +0.5
N17A	Moffit Pass	71.74 328	↑P	P	17 22 45.7 +0.5
JLU	baz=72,SNR=20	71.80 327	eP	P	17 22 46.3 +0.7
JLU	Jordanelle	71.80 327	eP	P	17 22 46.3 +0.7
FURC	comp=N,38nm,1.3s,m5.5	71.84 321	↑P	P	17 22 47.5 +1.5
FURC	Furnace Creek	71.84 321	↑P	P	17 22 47.5 +1.5
AGMN	comp=N,26nm,1.0s,m5.0	71.84 342	eP	P	17 22 44.4 -1.4
AGMN	Agassiz Natio	71.84 342	eP	P	17 22 44.4 -1.4
K20A	comp=N,26nm,1.0s,m5.0	71.85 331	eP	P	17 23 11.6 -1.3
K20A	Yellowstone Ra	71.85 331	eP	P	17 22 45.4 -0.5
P14A	baz=72,SNR=10	71.90 326	P	P	17 22 47.1 +0.9
P14A	Drum Mountains	71.90 326	P	P	17 22 47.1 +0.9
L19A	baz=72,SNR=21	71.90 330	↑P	P	17 22 46.2 0.0
L19A	Fansol	71.90 330	↑P	P	17 22 46.2 0.0
MPMC	baz=72,SNR=9.7	71.94 320	↑P	P	17 22 46.7 +0.1
MPMC	Manual Propsec	71.94 320	↑P	P	17 22 46.7 +0.1
J21A	baz=72,SNR=12	71.98 332	↑P	P	17 22 46.6 -0.1
J21A	Lysite	71.98 332	↑P	P	17 22 46.6 -0.1
L18A	baz=72,SNR=14	72.09 329	↑P	P	17 22 47.7 +0.4
L18A	Fontenelle, Gr	72.09 329	↑P	P	17 22 47.7 +0.4
DUG	baz=72,SNR=7.5	72.20 326	eP	P	17 22 48.2 +0.1
DUG	Dugway	72.20 326	eP	P	17 22 48.2 +0.1
K19A	comp=N,32nm,1.4s,m5.2	72.22 330	↑P	P	17 22 48.0 -0.1
K19A	Absolon Red B	72.22 330	↑P	P	17 22 48.0 -0.1
ISA	baz=72,SNR=8.6	72.27 320	↑P	P	17 22 49.1 +0.5
ISA	Isabella	72.27 320	↑P	P	17 22 49.1 +0.5
ISA	Isabella	72.27 320	eP	P	17 22 48.9 +0.4
ISA	Isabella	72.27 320	eP	P	17 22 48.9 +0.4
I21A	comp=N,27nm,1.0s,m5.0	72.28 332	eP	P	17 23 15.2 -0.5
I21A	Big Trails, Te	72.28 332	eP	P	17 22 48.0 -0.5
R11A	baz=72,SNR=27	72.39 323	P	P	17 22 50.1 +0.9
R11A	Troy Canyon, C	72.39 323	P	P	17 22 50.1 +0.9
BW06	baz=73,SNR=20	72.51 330	↑P	P	17 22 49.6 -0.2
BW06	Boulder Array	72.51 330	↑P	P	17 22 49.6 -0.2
PDAR	comp=N,2.8nm,0.9s,m4.1,baz=144,slow=5.5,SNR=20	72.51 330	↑P	P	17 22 49.2 -0.6
PDAR	Pinedale Array	72.51 330	↑P	P	17 22 49.2 -0.6
PDAR	comp=N,2.8nm,0.9s,m4.1,baz=144,slow=5.5,SNR=20	72.51 330	↑P	P	17 23 17.4 +0.4
PDAR	Pinedale Array	72.51 330	↑P	P	17 23 17.4 +0.4
PKM	comp=N,2.4nm,0.9s,baz=119,slow=8.6,SNR=4.1	72.60 318	P	P	17 22 51.1 +0.5
PKM	Peak Mountain	72.60 318	P	P	17 22 51.1 +0.5
HWUT	baz=73,SNR=16	72.60 328	eP	P	17 22 50.8 +0.4
HWUT	Hardware Ranch	72.60 328	eP	P	17 22 50.8 +0.4
L17A	comp=N,13nm,1.0s,m4.7	72.63 329	P	P	17 22 50.9 +0.3
L17A	Cokeville	72.63 329	P	P	17 22 50.9 +0.3
K18A	baz=73,SNR=5.1	72.64 330	P	P	17 22 52.2 +1.7
K18A	Toltan Ranch,	72.64 330	P	P	17 22 52.2 +1.7
J19A	baz=73,SNR=6.2	72.65 331	↑P	P	17 22 50.3 -0.3
J19A	Crowheart	72.65 331	↑P	P	17 22 50.3 -0.3
S10A	baz=73,SNR=17	72.67 322	↑P	P	17 22 50.8 -0.1
S10A	Tonopah Range,	72.67 322	↑P	P	17 22 50.8 -0.1
R10A	baz=73,SNR=25	72.76 333	P	P	17 22 52.6 +1.2
R10A	Warm Springs	72.76 333	P	P	17 22 52.6 +1.2
I20A	baz=73,SNR=27	72.77 332	↑P	P	17 22 52.0 -0.5
I20A	Worldan	72.77 332	↑P	P	17 22 52.0 -0.5
Q11A	baz=73,SNR=7.2	72.78 324	P	P	17 22 52.1 +0.6
Q11A	Duckwater	72.78 324	P	P	17 22 52.1 +0.6
H21A	baz=73,SNR=27	72.82 333	↑P	P	17 22 50.7 -0.9
H21A	Big Horn, Sher	72.82 333	↑P	P	17 22 50.7 -0.9
L16A	baz=73,SNR=5.9	72.84 328	↑P	P	17 22 52.1 +0.3
L16A	Fish Haven	72.84 328	↑P	P	17 22 52.1 +0.3
SMMC	baz=73,SNR=10	72.98 318	P	P	17 22 53.7 +0.9
SMMC	Simms	72.98 318	P	P	17 22 53.7 +0.9
J18A	baz=73,SNR=10	73.06 330	P	P	17 22 52.8 -0.3
J18A	Kendall Valley	73.06 330	P	P	17 22 52.8 -0.3
H20A	baz=73,SNR=15	73.13 332	P	P	17 22 52.8 -0.7
H20A	Greybull	73.13 332	P	P	17 22 52.8 -0.7
Q10A	baz=73,SNR=6.2	73.18 323	↑P	P	17 22 54.6 +0.8
Q10A	Clear Creek Ra	73.18 323	↑P	P	17 22 54.6 +0.8
L15A	baz=73,SNR=12	73.22 331	P	P	17 22 53.9 -0.1
L15A	Meeteetse	73.22 331	P	P	17 22 53.9 -0.1
H19A	baz=73,SNR=12	73.31 328	P	P	17 22 54.3 -0.3
H19A	Malad City	73.31 328	P	P	17 22 54.3 -0.3
HVU	baz=73,SNR=16	73.34 327	eP	P	17 22 54.5 -0.2
HVU	Hansel Valley	73.34 327	eP	P	17 22 54.5 -0.2
K16A	comp=N,5.7nm,0.2s,m5.0	73.53 329	↑P	P	17 22 56.1 +0.3
K16A	Soda Springs	73.53 329	↑P	P	17 22 56.1 +0.3
REDW	baz=74,SNR=13	73.57 330	eP	P	17 22 56.1 +0.1
REDW	Red Top Meadow	73.57 330	eP	P	17 22 56.1 +0.1
ULM	comp=N,45nm,1.6s,m5.0	73.60 342	eP	P	17 22 54.2 -1.9
ULM	Lac du Bonnet	73.60 342	eP	P	17 22 54.2 -1.9
ULM	comp=N,14nm,0.8s,m4.8,baz=159,slow=4.8,SNR=13	73.61 328	eP	P	17 23 21.8 -1.5
ULM	Lac du Bonnet	73.61 328	eP	P	17 23 21.8 -1.5
ULM	comp=N,12nm,0.6s,baz=153,slow=5.0,SNR=6.0	73.62 342	eP	P	17 23 21.8 -1.5
ULM	Lac du Bonnet	73.62 342	eP	P	17 23 21.8 -1.5
ULM	comp=N,120nm,18.7s,baz=193,slow=38	73.63 342	eP	P	17 23 21.1 -2.2
ULM	Lac du Bonnet	73.63 342	eP	P	17 23 21.1 -2.2
ULM	comp=N,80nm,1.5s,m5.2	73.64 330	eP	P	17 22 56.7 +0.2
ULM	Long Hollow	73.64 330	eP	P	17 22 56.7 +0.2
TPAW	comp=N,1.8s,m5.0	73.73 330	eP	P	17 22 57.1 +0.2
TPAW	Teton Pass	73.73 330	eP	P	17 22 57.1 +0.2
L14A	baz=73,SNR=8.3	73.76 327	P	P	17 22 58.4 +1.2
L14A	Malta	73.76 327	P	P	17 22 58.4 +1.2

RR12	baz=74,SNR=11	73.79 329	eP	P	17 22 57.2 -0.1
RR12	Red Ridge	73.79 329	eP	P	17 22 57.2 -0.1
G20A	comp=N,50nm,1.2s,m5.1	73.80 332	↑P	P	17 23 24.6 0.0
G20A	Bridger	73.80 332	↑P	P	17 23 24.6 -0.9
MOOW	baz=74,SNR=9.8	73.81 330	eP	P	17 22 58.0 +0.5
MOOW	Moose Ponds	73.81 330	eP	P	17 22 58.0 +0.5
MOOW	comp=N,36nm,1.6s,m4.8	73.89 251	eS	P	17 23 24.4 -0.3
MOOW	Tubuai	73.89 251	eS	P	17 32 23.7 +1.7
TBI	comp=N,261nm,24.2s	74.00 322	P	P	17 45 56.4
TBI	Almy Array	74.00 322	P	P	17 22 59.1 +0.4
NVAR	comp=N,5.5nm,0.7s,m4.4,baz=151,slow=6.2,SNR=45	74.02 330	eP	P	17 23 25.4 -0.6
NVAR	Navy Air Base	74.02 330	eP	P	17 23 25.4 -0.6
IMW	comp=N,6.6nm,0.9s,baz=141,slow=5.9,SNR=6.5	74.02 330	eP	P	17 22 58.8 +0.1
IMW	Indian Meadow	74.02 330	eP	P	17 22 58.8 +0.1
H18A	baz=74,SNR=27	74.02 331	P	P	17 22 58.5 -0.2
H18A	Shoshone NF, C	74.02 331	P	P	17 22 58.5 -0.2
FLWY	baz=75,SNR=10	74.05 330	eP	P	17 22 59.2 +0.3
FLWY	Flagg Ranch	74.05 330	eP	P	17 22 59.2 +0.3
RLMT	baz=75,SNR=10	74.19 332	↑P	P	17 22 59.6 0.0
RLMT	Red Lodge	74.19 332	↑P	P	17 22 59.6 0.0
RLMT	comp=N,95nm,1.7s,m5.2	74.19 332	eP	P	17 22 59.5 -0.1
RLMT	Red Lodge	74.19 332	eP	P	17 22 59.5 -0.1
LKWY	comp=N,5.5nm,1.5s,m5.0	74.28 331	eP		



BUJ 11 17:30:47.2, 2.42N, 127.88E, h55km, mb4.9/4, mb4.9/6
NEIC 11 17:30:48.7, 3.0, 1.88N, 127.46E, h88km, 30km, mb4.3/4,
Error ellipse: s-maj=18.1km s-min=9.8km az=72.0

ISCJB 11 17:30:49.3, 1.2, 1.91N, 0.05x127.5E, 0.1, h110km, 11km,
mb4.4/20, Error ellipse: s-maj=17.4km s-min=6.5km
az=164.4

IDC 11 17:30:52.2, 3.0, 1.83N, 127.40E, h120km, 28km, mb4.0/14,
mb1.4/2/15, mb1mx4.0/21, mbtmp4.0/15, Error ellipse:
s-maj=29.6km s-min=1.1km az=74.0

ISC 11 17:30:50.4, 1.1, 1.88N, 0.05x127.55E, 0.10, h104km, 11km,
n41, c0584/42, mb4.4/20, 1C, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like MNI, KMSI, DAV, MRSI, KAKA, KNA, FITZ, WRA, WB2, MWBA, ASAR, etc.

BUJ 11 17:38:58.7, 32.92N, 105.67E, h12km, mb5.5/21, mb5.3/45,
ML5.3/22, Ms5.5/61, Ms7.5/352

ISCJB 11 17:38:59.8, 0.1, 32.91N, 0.01x105.57E, 0.02, h12km,
mb5.3/259, MS4.7/50, Error ellipse: s-maj=2.3km
s-min=1.9km az=149.5

IDC 11 17:38:59.0, 3.0, 32.88N, 105.66E, h0km, mb5.1/31,
mb1.5/34, mb1mx5.1/35, mbtmp5.0/34, ML4.4/3, MS4.6/21,
Ms1.4/6/21, ms1mx4.4/33, Error ellipse: s-maj=11.2km
s-min=7.5km az=41.0

GCMT 11 17:39:01.6, 0.2, 32.98N, 105.65E, h12km, MW5.1,
Moment Tensor Solution, s35, c42, s83, c143, Moment
tensor: Scale 10^19Nm, Mns 3.7, 1.3, Mww 0.38, 1.1,
Ms=5.72, 11; Mm=0.47, 42; Mm=3.13, 10; Mm=0.79, 34;
Best double couple: M6.30000x10^16 NP1=339.00000°,
s41.00000°, r93.00000°. NP2=155.00000°, s49.00000°,
r88.00000°. Principal axes: T 5.4400, Plg85.0000°,
Az=43.0000°; N 1.6800, Plg2.0000°, Az=157.0000°; P
-7.1200, Plg4.0000°, Az=247.0000°. Data Used: IU G
CN IC.

NEIC 11 17:39:01.1, 0.1, 32.91N, 105.63E, h10km, mb5.4/142
Error ellipse: s-maj=3.4km s-min=2.5km az=214.0

MOS 11 17:39:02.6, 0.9, 32.98N, 105.71E, h33km, mb5.5/73,
MS4.8/28, Error ellipse: s-maj=6.1km s-min=3.5km
az=117.4

SZGRF 11 17:39:05.4, 32.73N, 105.56E, h33km, mb5.6, MS4.7,
Sichuan, China

DJA 11 17:39:07.32, 94N, 105.52E, h51km, mb5.5/4

BGS 11 17:39:33.4, 1.8, 35.79N, 103.28E, h10km, mb5.3

ISC 11 17:39:01.6, 0.1, 32.93N, 0.01x105.62E, 0.02, h12km, n879,
c095/905, mb5.3/259, MS4.7/50, 72C-79D, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like CD2, XAN, LZH, etc.

Main table with columns: GYA, Guiyang, 6.52 172, Pn, Pn, 17 40 36.2 -1.1, DL2, comp=N, 5um, 15.6s, LR, LR. Rows include stations like GYA, Guiyang, WHN, WUHAN, etc.

Main table with columns: DL2, comp=N, 5um, 15.6s, LR, LR. Rows include stations like DL2, Qiongzong, CHIANG MAI, etc.



PET	Petropavlovsk	42.55	46	eP	P	17 46 55.1	-1.8
PET				eS	S	17 53 13.8	-5.2
PET				pmax	pmax		
PET	comp=Z,39nm,1.1s,mb5.0			MLR	MLR		
PET	comp=Z,4um,14.0s,MS5.4			MLR	MLR		
SMDO	Samad	42.83	269	P	P	17 47 00.6	+1.0
SMDO	SNR=7.1						
BMNI	Bima	43.08	161	P	P	17 47 01.1	-0.5
BSY	Bisy	43.68	269	P	P	17 47 07.3	+0.9
BSY	SNR=13						
BNDI	Bandanaira	43.80	144	P	P	17 47 07.7	+0.3
ASHO	Ashtiyah	43.87	272	P	P	17 47 09.7	+1.8
MMRI	Maumere	44.27	156	P	P	17 47 10.0	-1.1
BAKI	Biak	44.49	134	P	P	17 47 12.7	-0.3
WSI	Waingapu	44.62	159	P	P	17 47 09.8	-4.1
TLE	Tual	46.20	141	P	P	17 47 26.6	+0.1
PRGR	Pergomere	47.45	326	iP	P	17 47 34.5	-1.2
PRGR				eS	S	17 49 25.2	
PRGR				pmax	pmax	17 54 31.8	+2.2
RBK	Rabkut	48.53	265	P	P	17 47 44.6	0.0
GNI	Garni	48.61	297	P	P	17 47 46.4	+1.4
GNI	Garni	48.61	297	eP	P	17 47 46.5	+1.4
GNI	Garni	48.61	297	iP	P	17 47 46.1	+1.1
GNI	Garni	48.61	297	pmax	pmax		
GNI	Garni	48.61	297	P	P	17 47 47.2	+2.2
ZEI	Zsey	48.74	300	eP	pmax	17 47 45.0	-1.0
ZEI				pmax	pmax		
BILL	Bilibino	48.98	26	eP	P	17 47 47.3	-0.2
BILL	Bilibino	48.98	26	iP	P	17 47 47.3	-0.1
BILL	Bilibino	48.98	26	eS	S	17 49 10.1	
BILL	Bilibino	48.98	26	pmax	pmax	17 54 51.9	+0.8
BILL				MLR	MLR		
KBD	Kabd	49.23	282	eP	P	17 47 48.8	-1.2
VRHR	Novokhopersk	49.27	312	eP	pmax	17 47 49.5	-0.5
VRHR				pmax	pmax		
VRHR	comp=E,50nm,1.1s			pmax	pmax		
VRHR	comp=Z,70nm,1.1s,mb5.6			pmax	pmax		
MIB	Mutribah	49.31	283	eP	P	17 47 49.9	-0.8
KIV	Kislovodsk	49.41	302	eP	P	17 47 52.5	+1.4
KIV	Kislovodsk	49.41	302	iP	P	17 47 52.4	+1.3
KIV	Kislovodsk	49.41	302	e	S	17 49 39.5	
KIV	Kislovodsk	49.41	302	pmax	pmax		
KIV	comp=Z,70nm,1.0s,mb5.7			MLR	MLR		
KIV	comp=Z,700nm,16.0s,MS4.8			P	P	17 47 52.5	+1.4
KIV	Kislovodsk	49.41	302	P	P	17 47 52.5	+1.4
KIV	comp=Z,332nm,1.0s,mb5.3,SNR=9.3			P	P	17 47 52.5	+1.5
NAY	Al-Naalem	49.58	282	eP	P	17 47 51.5	-1.1
KLMR	Klimovske	50.31	324	iP	pmax	17 47 57.6	-0.1
KLMR				pmax	pmax		
BHD	Baghdad	50.62	288	ex	x	17 48 06.0	
BHD				i x	x	17 49 56.0	
BHD				i x	x	17 55 15.0	
BHD				i x	x	17 57 50.0	
VSR	Storzhevoye	50.80	312	eP	P	17 48 01.3	-0.3
VSR				eS	S	17 55 15.1	-2.0
VSR				pmax	pmax		
VSR	comp=N,20nm,1.0s			pmax	pmax		
VSR	comp=E,70nm,1.0s			pmax	pmax		
VSR	comp=Z,60nm,1.0s,mb5.5			smax	smax		
VSR	comp=N,60nm,1.8s			smax	smax		
VSR	comp=E,70nm,1.8s			smax	smax		
VSR	comp=Z,30nm,1.8s			MLR	MLR		
VSR	comp=N,310nm,18.0s,MS4.6			MLR	MLR		
VSR	comp=E,380nm,18.0s,MS4.6			MLR	MLR		
FXI	Attu Island-F	51.31	46	eP	P	17 48 06.2	+0.8
FXI	Attu Island-F	51.31	46	eP	P	17 48 05.0	+0.8
MOS	Moscow	51.36	318	eP	P	17 48 14.0	
MOS				eS	S	17 55 25.2	0.0
MOS				pmax	pmax		
MOS	comp=Z,163nm,1.1s,mb5.9			P	P	17 48 10.5	0.0
OBN	Obninsk	52.00	317	eP	P	17 48 09.9	-0.6
OBN	Obninsk	52.00	317	eP	P	17 48 09.9	-0.6
OBN	Obninsk	52.00	317	e	S	17 48 19.8	
OBN	Obninsk	52.00	317	e	S	17 50 08.0	
OBN	Obninsk	52.00	317	e	S	17 51 18.4	
OBN	comp=Z,79nm,1.3s,mb5.5			MLR	MLR		
KAKA	Kakadu	52.12	146	eP	P	17 48 09.9	-1.9
KAKA	Kakadu	52.12	146	eP	P	17 48 09.8	-2.0
KAKA	Kakadu	52.12	146	eP	P	17 48 10.5	-1.3
KAKA	comp=Z,132nm,0.7s,mb5.0			P	P	17 48 10.5	-1.3
LVZ	Lovozero	52.80	333	eP	P	17 48 15.3	-0.9
LVZ				pmax	pmax		
ANN	Anapa	52.95	304	eP	P	17 48 16.4	-1.3
ANN	Anapa	52.95	304	eS	S	17 55 47.9	+1.1
ANN				pmax	pmax		
ANN	comp=Z,82nm,1.1s,mb5.6			MLR	MLR		
ANN	comp=N,243nm,15.0s,MS4.7			MLR	MLR		
ANN	comp=E,432nm,15.0s,MS4.7			MLR	MLR		
KNA	Kununurra	53.25	152	P	P	17 48 19.0	-0.9
APA	Apatity	53.26	333	iP	pmax	17 48 21.0	+1.4
APA				pmax	pmax		
APA	comp=Z,13nm,1.0s,mb4.8			MLR	MLR		
MALT	Malatya	53.80	296	eP	P	17 48 25.3	+1.2
MALT	Malatya	53.80	296	iP	P	17 48 25.0	+0.9
MALT	Malatya	53.80	296	iP	P	17 48 25.1	+1.0
JOF	Joensuu	54.23	311	eP	pmax	17 48 26.1	-0.3
JOF	Joensuu	54.18	327	eP	pmax	17 48 26.1	-0.3
JOF	Joensuu	54.18	327	eP	pmax	17 48 26.4	-0.9
FITZ	Fitzroy Crossi	54.24	156	P	P	17 48 26.0	-1.3
FITZ	Fitzroy Crossi	54.24	156	iP	P	17 48 25.9	-1.4
FITZ	Fitzroy Crossi	54.24	156	eP	P	17 48 25.9	-1.4

FITZ	Fitzroy Crossi	54.24	156	P	P	17 48 27.0	-0.3
PUL	Pulkovo	54.92	323	iP	pmax	17 48 33.0	+1.1
PUL				pmax	pmax		
SIM	Simferopol'	55.22	305	eP	P	17 48 33.9	-0.4
SIM				eS	S	17 56 26.0	+8.6
SIM	comp=Z,46nm,0.9s,mb5.5			MLR	MLR		
MBWA	Marble Bar	55.45	164	eP	P	17 48 34.5	-1.6
MBWA	Marble Bar	55.45	164	P	P	17 48 35.0	-1.1
KEV	Kevo	55.59	336	eP	P	17 48 36.5	0.0
KEV	Kevo	55.59	336	eP	P	17 48 34.9	-1.7
KEV	Kevo	55.59	336	eP	P	17 48 34.9	-1.7
ARCES	ARCESS Array B	56.13	335	P	P	17 48 40.0	-0.4
ARCES	ARCESS Array B	56.13	335	P	P	17 49 37.8	-0.4
ARCES	ARCESS Array B	56.13	335	P	P	17 48 40.1	-0.3
ARCES	ARCESS Array S	56.13	335	eP	P	17 48 40.2	-0.2
ARJEO	Kangasniemi	56.57	326	eP	pmax	17 48 42.2	-1.5
KAF	Kangasniemi	56.57	326	eP	P	17 48 42.2	-1.5
FINES	FINESS Array B	56.78	326	P	P	17 48 44.7	-0.5
FINES	FINESS Array B	56.78	326	P	P	17 48 44.7	-0.5
FINES	FINESS Array B	56.78	326	P	P	17 48 44.7	-0.4
ASF	Jabal al Asfar	56.94	289	P	P	17 48 47.5	+0.8
ASF	Jabal al Asfar	56.94	289	P	P	17 48 47.5	+0.7
BR131	Keskin Array S	56.97	299	eP	P	17 48 46.3	-0.6
BRTR	Keskin Array B	56.97	299	eP	P	17 48 46.4	-0.5
BRTR	Keskin Array B	56.97	299	eP	P	17 48 46.7	-0.2
BRTR	Keskin Array B	56.97	299	eP	pmax	17 48 46.7	-0.2
MICK	Minsk	57.06	317	iP	P	17 48 47.0	-0.3
MICK	Minsk	57.06	317	iP	P	17 48 47.0	-0.5
KIEV	Kiev	57.10	313	eP	P	17 48 46.8	-0.8
KIEV	Kiev	57.10	313	eP	P	17 48 46.8	-0.8
IDID	Didziasalis	57.54	318	eP	P	17 48 50.0	+0.3
IDID				AMB	AMB	17 48 53.0	
IZAR	Zarasai	57.72	319	eP	P	17 48 52.1	+0.2
IZAR				AMB	AMB	17 48 53.3	
PMG	Port Moresby	57.78	129	eP	P	17 48 52.1	-0.6
PMG	Port Moresby	57.78	129	eP	pmax	17 48 51.8	-1.0
PMG	Port Moresby	57.78	129	P	P	17 48 52.7	-0.1
IIGN	Ignalina	57.82	318	eP	AMB	17 48 53.0	+0.4
IIGN				AMB	AMB	17 48 55.2	
ISAL	Salakas	57.83	319	eP	AMB	17 48 52.9	+0.3
ISAL				AMB	AMB	17 48 55.1	
KIS	Kishinev	58.27	308	eP	LRM	18 21 12.0	
KIS	Kishinev	58.27	308	eP	P	17 48 55.0	-0.9
CSS	Prodhromos	58.75	294	eP	P	17 48 59.4	-0.1
TLCR	Tirgu	58.78	306	iP	P	17 48 59.4	-0.1
TLCR	Tirgu	58.78	306	iP	P	17 48 59.4	-0.1
COEN	Coen	58.83	136	eP	P	17 48 59.7	-0.4
COEN	Coen	58.83	136	eP	P	17 48 59.7	-0.4
IAS	Jasi	59.04	309	P	P	17 49 01.9	+0.6
CFR	Carcalui	59.24	307	iP	P	17 49 02.6	-0.1
CFR	Carcalui	59.24	307	iP	P	17 49 02.6	-0.1
TIRR	Tirgusor	59.27	306	iP	P	17 49 03.1	+0.2
TIRR	Tirgusor	59.27	306	iP	P	17 49 03.6	+0.7
TIRR	Tirgusor	59.27	306	iP	P	17 49 03.6	+0.7
WRA	Warramunga Arr	59.31	148	P	P	17 49 02.3	-1.1
WRA	Warramunga Arr	59.31	148	P	P	17 57 10.0	-1.7
WRA	Warramunga Arr	59.31	148	P	P	17 49 02.3	-1.1
WRA	Warramunga Arr	59.31	148	P	P	17 57 10.0	-1.6
WRA	Warramunga Arr	59.31	148	P	P	17 49 01.9	-1.5
PETR	Suwalki	59.69	307	iP	P	17 49 07.7	+1.9
SUU	Suwalki	59.86	317	eP	P	17 49 07.2	+0.4
SUU	Suwalki	59.86	317	eP	pmax	17 49 07.2	+0.4
VRI	Vrincioia	59.98	308	iP	P	17 49 09.0	+1.2
VRI	Vrincioia	59.98	308	iP	P	17 49 09.0	+1.2
PLOR	Plostina	60.04	308	iP	P	17 49 09.3	+1.1
PLOR	Plostina	60.04	308	iP	P	17 49 09.3	+1.1
BURAR	Bucovina Array	60.44	310	iP	P	17 49 11.1	+0.2
BURAR	Bucovina Array	60.44	310	iP	P	17 49 11.1	+0.2
BURAR	Bucovina Ar.	60.44	310	eP	P	17 49 11.3	-0.2
MLR	Muntele Rosu	60.62	307	iP	P	17 49 13.2	+0.1
MLR	Muntele Rosu	60.62	307	iP	P	17 49 13.2	+0.1
SULR	Dopca	60.84	308	iP	P	17 49 14.1	+0.5
DOBR	Yambol	61.16	304	P	P	17 49 16.6	+0.7
JMB	Yambol	61.16	304	P	P	17 49 17.1	+1.2
VOIR		61.23	308	iP	P	17 49 17.1	+0.8
VOIR		61.23	308	iP	P	17 49 17.1	+0.8
KWP	Kalwaria Pacia	61.41	313	eP	P	17 49 17.8	+0.3
KWP	Kalwaria Pacia	61.41	313	eP	P	17 49 17.2	-0.2
KWP	Kalwaria Pacia	61.41	313	iP	P	17 49 17.9	+0.5
KWP	Kalwaria Pacia	61.41	313	iP	P	17 49 17.9	+0.5
BMR	Baia Mare	61.53	3				









Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TIXI, GYA, KMI, HABR, KSRs, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TANN, NRDL, KHC, KAS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like LOF, ARAO, ARA, etc.

ISCJB 11 19:16:23.0, 4.67:18N, 0:02:20.75E, 0:07, h0km, Error ellipse: s-maj=3.9km s-min=3.4km az=24.7

ISCJB 11 19:42:36.8, 0.51:48N, 0:04:16:03E, 0:04, h0km, Error ellipse: s-maj=5.3km s-min=3.0km az=17.4

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

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

CSEM 11 19:50:54.5, 38:50N, 30:78W, h5km, ML3.0, After PDA PDA 11 19:50:54.5, 1.4, 38:50N, 30:78W, h5km, MD3.6, ML3.0, Error ellipse: s-maj=58.2km s-min=15.0km az=172.0





11d 21h

2008 SEP

530

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DAWY EGAK, HRY Holter Research, WALA Waterlon Lakes, etc.



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

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

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

ATH 11 21:12:03.5, 97.07N, 28.31E, h43km, MD2.9/3
DDA 11 21:12:05.8, 36.93N, 27.86E, h7km, 1km, MD3.0
ISK 11 21:12:05.0, 36.94N, 27.81E, h5km, MD3.0

BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9
BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9

OGNE Ogallala 20.12 101 eP P 21 22 05.3 -0.2
BPAW Bear Paw Mtn. 20.29 331 eP P 21 22 07.3 0.0

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

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Res. Includes stations like OGNE, OGALLA, BPAW, etc.

ISK 11 21:12:51.8, 38.99N, 40.39E, h11km, MD2.7
ISCJB 11 21:12:52.4, 0.7, 38.98N, 40.34E, h0.4, h3km, 6km,
Error ellipse: s-maj=5.2km s-min=4.9km az=173.9

BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9
BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9

OGNE Ogallala 20.12 101 eP P 21 22 05.3 -0.2
BPAW Bear Paw Mtn. 20.29 331 eP P 21 22 07.3 0.0

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

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Res. Includes stations like OGNE, OGALLA, BPAW, etc.

NEIC 11 21:17:26.8, 47.51N, 128.86W, h10km, mb4.5/35,
MW4.2(PGC), After PGC
PGC 11 21:17:26.8, 4.3, 47.51N, 128.86W, h10km, ML3.6/10,

BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9
BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9

OGNE Ogallala 20.12 101 eP P 21 22 05.3 -0.2
BPAW Bear Paw Mtn. 20.29 331 eP P 21 22 07.3 0.0

IDC 11 21:17:28.9, 0.9, 47.63N, 128.78W, h0km, mb4.0/10,
mb1.4, 3/17, mb1mx4.1/31, mb1mx4.1/17, ML3.6/5, MS3.9/23,
M1.3.9/23, ms1mx3.8/34, Error ellipse: s-maj=23.7km
s-min=10.8km az=58.0

BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9
BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9

OGNE Ogallala 20.12 101 eP P 21 22 05.3 -0.2
BPAW Bear Paw Mtn. 20.29 331 eP P 21 22 07.3 0.0

ISCJB 11 21:17:30.0, 0.2, 47.90N, 128.51W, 0.03, h10km,
mb4.4/30, MS3.9/19, Error ellipse: s-maj=3.8km
s-min=2.7km az=43.3

BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9
BBB comp=Z, 1.4nm, 0.6s, baz=347, slow=6.6, SNR=7.9

OGNE Ogallala 20.12 101 eP P 21 22 05.3 -0.2
BPAW Bear Paw Mtn. 20.29 331 eP P 21 22 07.3 0.0

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

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Res. Includes stations like OGNE, OGALLA, BPAW, etc.















11d 23h

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

KRSC 11 22:59:48.3±0.6,53.75N;160.63E,h40km,29km,ML3.8,

Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, MKZ Mys Kozlova, etc.

MOS 11 23:05:57.0±1.4,48.24N;154.85E,h27km,mb4.2/12,Error

ellipse: s-maj=12.6km s-min=8.6km az=67.4

ISCJB 11 23:05:59.3±1.2,48.27N;108.154E,0.1, h46km,gkm,

mb3.9/16,Error ellipse: s-maj=18.0km s-min=7.5km

az=43.9

IDC 11 23:05:59.8±0.7,48.31N;154.94E,h35km,gkm,mb3.6/12,

mb1.3/14,mb1mx3.7/24,mbtm3.7/14,ML3.9/2,MS2.9/2,

M5 1.2/2,ms1mx2.7/34,Error ellipse: s-maj=23.4km

s-min=15.0km az=134.0

NEIC 11 23:06:00.6±0.9,48.36N;154.90E,h43km,gkm,mb4.3/4,

Error ellipse: s-maj=12.6km s-min=6.2km az=140.0

ISC 11 23:06:01.0±1.0,48.26N;108.154E,0.1, h45km,gkm,

h38km,3.3km:pp-P, n68, s193/71,mb3.9/16, Kuril Islands

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

2008 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, ULN Ulanbaatar, ILAR Eielson Array, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAIM Mastiano, FVND Fontana Vidola, PII Pisa, etc.

ALN				Sb	23 13 20.5 +0.3	VLY	Voula, Athens	2.59 223	ePN	Pn	23 13 24.9 -0.9	ARG	Arkhangelos	3.91 154	P	Pn	23 13 44.4 +0.4	
ALN	Alexandroupoli	1.13	1	P	Sb	23 13 20.5 +0.3	VLY	Voula, Athens	2.59 223	eP	Pn	23 13 24.9 -0.9	ARG	Arkhangelos	3.91 154	P	Pn	23 13 44.4 +0.4
ALN				S	Pb	23 13 20.5 +0.3	ISK	Istanbul-Kandi	2.65 60	ePN	Pn	23 13 26.9 +0.3	ARG	Arkhangelos	3.91 154	P	Pn	23 13 44.4 +0.4
ALN	Alexandroupoli	1.13	1	ePN	Sb	23 13 20.4 -1.1	ISK	Istanbul-Kandi	2.65 60	P	Pn	23 13 27.0 +0.3	MRPE	Malo Peshtene	3.98 335	iP	Pn	23 13 45.4 +0.5
ALN				S	Pb	23 13 19.8 -0.4	ISK	Istanbul-Kandi	2.65 60	ePN	Pn	23 13 27.0 +0.3	KRUSEV	Krusevo	3.98 295	ePN	Pn	23 13 45.9 +1.0
ALN	Alexandroupoli	1.13	1	P	Sb	23 13 20.5 +0.3	ISK	Istanbul-Kandi	2.72 188	Ph	Pn	23 13 28.0 +0.3	MDU	Mudrunu	4.04 78	ePN	Pn	23 13 46.7 +1.0
ALN				eS	Pb	23 13 20.5 +0.3	APE	Apeiranthos	2.72 188	Ph	Sn	23 13 28.0 +0.3	MDU	Mudrunu	4.04 78	ePN	Pn	23 13 46.7 +1.0
ALN	Alexandroupoli	1.13	1	P	Pb	23 13 04.6 -1.1	APE	Apeiranthos	2.72 188	S	Sn	23 13 59.4 -1.0	ITM	Ithomi	4.13 233	ePN	Pn	23 13 48.2 +1.2
ALN				eS	Pb	23 13 19.8 -0.4	APE	Apeiranthos	2.72 188	S	Sn	23 13 28.0 +0.3	ITM	Ithomi	4.13 233	eP	Pn	23 13 48.2 +1.2
BALY	Balya	1.23	91	iP	Pn	23 13 06.8 -0.3	APE	Apeiranthos	2.72 188	ePN	Sn	23 13 59.4 -1.0	PSN	Presentisi	4.23 22	iP	Pn	23 13 47.4 -1.0
BALY				iS	Pb	23 13 23.1 +0.2	APE	Apeiranthos	2.72 188	ePN	Sn	23 13 26.5 -1.2	PSN	Presentisi	4.23 22	iP	Pn	23 13 47.4 -1.0
BALY	Balya	1.23	91	P	Sb	23 13 23.4 +0.1	APE	Apeiranthos	2.72 188	S	Sn	23 13 59.4 -1.0	BCK	Bucak	4.25 121	ePN	Pn	23 13 49.7 +1.0
BALY				iS	Pb	23 13 23.1 +0.1	APE	Apeiranthos	2.72 188	iP	Pn	23 13 26.7 -1.0	BCK	Bucak	4.25 121	eP	Pn	23 13 49.7 +1.0
RKY	Sarkoy-Tekirda	1.27	43	PN	Pn	23 13 06.6 -1.2	APE	Apeiranthos	2.72 188	iP	Pn	23 13 27.2 -0.5	SVRH	Sivrihisar-ESK	4.26 93	ePN	Pn	23 13 49.6 +0.9
RKY				iPh	Pn	23 13 06.6 -1.1	APE	Apeiranthos	2.72 188	P	Pn	23 13 27.2 -0.5	SVRH	Sivrihisar-ESK	4.26 93	ePN	Pn	23 13 49.6 +0.9
SART	Tekirdag	1.27	43	iP	Pn	23 13 05.5 -2.3	JMB	Yambol	2.73 9	P	Pn	23 13 28.0 +0.3	ELL	Elmalı	4.29 133	ePN	Pn	23 13 50.2 +1.0
SART				iS	Pb	23 13 23.4 -1.0	JMB	Yambol	2.73 9	P	Sn	23 13 59.4 -1.0	ELL	Elmalı	4.29 133	eP	Pn	23 13 50.2 +1.0
SART	Tekirdag	1.27	43	iP	Pn	23 13 05.5 -2.2	JMB	Yambol	2.73 9	P	Sn	23 14 00.7 +0.2	BARS	Barje	4.40 315	iPh	Pn	23 13 50.1 +0.8
SART				iS	Pb	23 13 23.4 -1.0	JMB	Yambol	2.73 9	P	Sn	23 13 27.5 -0.2	KDZE	Karadeniz Ereo	4.41 68	ePN	Pn	23 13 51.9 +1.1
GONE	Gonen-Balikesi	1.30	77	PN	Pn	23 13 07.7 -0.5	JMB	Yambol	2.73 9	P	Sn	23 13 27.5 -0.2	KDZE	Karadeniz Ereo	4.41 68	ePN	Pn	23 13 51.9 +1.1
GONE				iPh	Pn	23 13 07.7 -0.5	JMB	Yambol	2.73 9	P	Sn	23 14 00.7 +0.2	KDZE	Karadeniz Ereo	4.41 68	ePN	Pn	23 13 51.9 +1.1
CHOS	Chios island	1.38	179	ePN	Pn	23 13 08.8 -0.4	JMB	Yambol	2.73 9	P	Sn	23 13 27.5 -0.2	NPS	Neapolis	4.51 184	eP	Pn	23 13 51.7 -0.5
CHOS				S	Pb	23 13 26.5 -0.7	JMB	Yambol	2.73 9	P	Sn	23 13 28.4 +0.7	NPS	Neapolis	4.51 184	eP	Pn	23 13 51.7 -0.5
CHOS	Chios island	1.38	179	P	Sb	23 13 08.8 -0.4	JMB	Yambol	2.73 9	P	Sn	23 13 27.5 -0.2	SUTC	Sutluca-Ispart	4.51 119	ePN	Pn	23 13 53.4 +1.1
CHOS				eS	Pb	23 13 08.8 -0.4	JMB	Yambol	2.73 9	P	Sn	23 14 00.7 +0.2	SUTC	Sutluca-Ispart	4.51 119	ePN	Pn	23 13 53.4 +1.1
CHOS	Chios island	1.38	179	eS	Pn	23 13 26.5 -0.7	KYB	Kilyos	2.73 56	ePN	Pn	23 13 28.1 +0.3	VLS	Valsamata	4.53 251	ePN	Pn	23 13 54.0 +1.5
MFT	Murefte	1.40	43	ePN	Pn	23 13 09.0 -0.5	KLYT	Kilyos	2.73 56	ePN	Pn	23 13 28.1 +0.3	KIZIL	Kizilirmak	4.62 92	ePN	Pn	23 13 54.7 +1.0
MFT				eP	Pn	23 13 09.0 -0.4	KLYT	Kilyos	2.74 278	ePN	Pn	23 13 28.0 +0.6	KIZIL	Kizilirmak	4.62 92	ePN	Pn	23 13 54.7 +1.0
BALB	Balikesir	1.43	95	ePN	Pn	23 13 09.8 -0.2	LIT	Litokhoron	2.74 278	eP	Pn	23 13 28.1 +0.3	ANTB	Antalya	4.63 127	ePN	Pn	23 13 55.0 +1.2
BALB				ePh	Pn	23 13 09.8 -0.1	LIT	Litokhoron	2.74 278	eP	Pn	23 13 28.1 +0.3	ANTB	Antalya	4.63 127	ePN	Pn	23 13 55.0 +1.2
URLA	Izmir	1.47	162	iP	Pn	23 13 09.2 -1.3	LNT	Kendrikon	2.77 301	P	Sn	23 13 28.8 +0.6	ZKR	Zakros	4.65 178	ePN	Pn	23 13 54.0 -0.1
URLA				iS	Pb	23 13 27.2 -2.4	LNT	Kendrikon	2.77 301	P	Sn	23 14 01.0 -0.4	ZKR	Zakros	4.65 178	ePN	Pn	23 13 54.0 -0.1
URLA	Izmir	1.47	162	iP	Pn	23 13 27.2 -2.4	KNT	Kendrikon	2.77 301	P	Sn	23 14 01.0 -0.4	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
URLA				iS	Pb	23 13 27.2 -2.3	KNT	Kendrikon	2.77 301	P	Sn	23 13 28.8 +0.6	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
EDC	Edincik	1.52	67	ePN	Pn	23 13 11.2 0.0	KNT	Kendrikon	2.77 301	P	Sn	23 14 01.0 -0.4	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
EDC				P	Pn	23 13 11.2 0.0	KNT	Kendrikon	2.77 301	P	Sn	23 14 01.0 -0.4	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
EDC	Edincik	1.52	67	P	Pn	23 13 11.2 0.0	KNT	Kendrikon	2.77 301	P	Sn	23 13 28.8 +0.6	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
EDC				eP	Pn	23 13 11.3 -0.4	KNT	Kendrikon	2.77 301	P	Sn	23 14 01.0 -0.4	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BNT	Bandirma	1.57	67	P	Pn	23 13 11.3 -0.4	MLSB	Milas	2.82 150	ePN	Pn	23 13 29.3 +0.3	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BNT				eP	Pn	23 13 11.7 -0.4	MLSB	Milas	2.82 150	ePN	Pn	23 13 29.3 +0.3	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BLCB	Balcova	1.59	150	ePN	Pn	23 13 12.6 +0.5	BODT	Bodrum	2.88 159	ePN	Pn	23 13 29.0 -0.9	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BLCB				S	Pb	23 13 32.9 +0.5	BODT	Bodrum	2.88 159	ePN	Pn	23 13 29.0 -0.9	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BLCB	Balcova	1.59	150	P	Pn	23 13 12.6 +0.5	BODM	Kayabasi	2.92 157	iP	Pn	23 13 30.4 0.0	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BLCB				S	Pb	23 13 32.9 +0.5	BODM	Kayabasi	2.92 157	iP	Pn	23 13 30.4 0.0	TIRR	Tirgusor	5.01 20	ePN	Pn	23 13 58.5 -0.6
BLCB	Balcova	1.59	150	ePN	Pn	23 13 12.6 +0.5	BODM	Kayabasi	2.92 157	iP	Pn	23 14 16.7 -1.4	BOLS	Boljevac	5.07 324	ePN	Pn	23 14 00.3 +0.3
BLCB				S	Pb	23 13 32.9 +0.5	BODM	Kayabasi	2.92 157	iP	Pn	23 13 30.7 +0.3	CFR	Carcaliu	5.63 15	iP	Pn	23 14 07.4 -0.1
BLCB	Balcova	1.59	150	P	Pn	23 13 12.6 +0.5	ADVT	Abdulvahap	2.92 76	ePN	Pn	23 13 30.7 +0.3	CFR	Carcaliu	5.63 15	iP	Pn	23 14 07.4 -0.1
BLCB				S	Pb	23 13 32.9 +0.5	ADVT	Abdulvahap	2.92 76	ePN	Pn	23 13 30.7 +0.3	CFR	Carcaliu	5.63 15	iP	Pn	23 14 07.4 -0.1
AKS	Akhisar	1.64	122	ePN	Pn	23 13 12.7 -0.2	LTK	Loutraki	2.96 235	P	Pn	23 13 27.4 -3.5	GRER	Grener	5.65 7	iP	Pn	23 14 09.7 +1.8
AKS				ePh	Pn	23 13 12.7 -0.1	LTK	Loutraki	2.96 235	P	Pn	23 13 27.4 -3.5	GRER	Grener	5.65 7	iP	Pn	23 14 09.7 +1.8
AKHS	Akhisar	1.65	122	iP	Pn	23 13 12.7 -0.1	AGG	Agios Georgios	2.96 257	P	Pn	23 13 27.4 -3.5	GRER	Grener	5.65 7	iP	Pn	23 14 09.7 +1.8
AKHS				iS	Pb	23 13 33.5 -0.3	AGG	Agios Georgios	2.96 257	P	Pn	23 13 27.4 -3.5	GRER	Grener	5.65 7	iP	Pn	23 14 09.7 +1.8
AKHS	Akhisar	1.65	122	iP	Pn	23 13 12.5 -0.3	AGG	Agios Georgios	2.96 257	P	Pn	23 13 13.0 +0.1	VOIR	Voiron	5.71 353	iP	Pn	23 14 09.2 +0.5
AKHS				iS	Pb	23 13 33.5 -0.3	AGG	Agios Georgios	2.96 257	P	Pn	23 13 13.0 +0.1	VOIR	Voiron	5.71 353	iP	Pn	23 14 09.2 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	AGG	Agios Georgios	2.96 257	ePN	Pn	23 13 13.0 +0.1	GRUS	Gruza	5.72 318	iPh	Pn	23 14 08.7 -0.1
OUR				S	Pb	23 13 33.8 -0.6	AGG	Agios Georgios	2.96 257	P	Pn	23 13 13.0 +0.1	MLR	Muntele Rosu	5.72 359	iP	Pn	23 14 10.1 +3.2
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	AGG	Agios Georgios	2.96 257	P	Pn	23 13 13.0 +0.1	TLCR	TLCR	5.79 20	iP	Pn	23 14 10.0 +0.2
OUR				S	Pb	23 13 33.8 -0.6	AGG	Agios Georgios	2.96 257	P	Pn	23 13 13.0 +0.1	TLCR	TLCR	5.79 20	iP	Pn	23 14 10.0 +0.2
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	AGG	Agios Georgios	2.96 257	P	Pn	23 13 10.6 +2.0	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13 33.8 -0.6	AGG	Agios Georgios	2.96 257	P	Pn	23 13 10.6 +2.0	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 10.6 +2.0	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13 33.8 -0.6	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 10.6 +2.0	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13 33.8 -0.6	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13 33.8 -0.6	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13 33.8 -0.6	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR	Ouranopolis	1.67	290	P	Pn	23 13 12.3 -0.9	CAVI	Cavuskovy	2.96 80	ePN	Pn	23 13 31.4 +0.5	BR131	Keskin Array S	5.87 88	ePN	Pn	23 14 11.3 +0.5
OUR				S	Pb	23 13												

11d 23h

Table with columns: MKAR, Makanchi Array, 40.80, 61, P, Pmax, 23 20 25.6 +0.5. Includes sub-tables for comp=Z, 1.0nm, 0.6s and comp=Z, 2.0nm, 0.6s, mb3.9.

PGC 11 23:13:28.6, 6.6, 47.41N, 128.93W, h10km, ML3.9/13, Mw4.5, 295km Wsw of Tofino, Bc Off Coast Of Washington

ISCJB 11 23:13:32.5, 0.9, 47.87N, 0.10, 128.43W, h10km, mb4.0/19, MS4.4/7, Error ellipse: s-maj=4.4km s-min=3.0km az=44.8

IDC 11 23:13:32.8, 1.2, 47.68N, 128.71W, h0km, mb3.9/6, mb1.4/3/14, mb1mx4/1/30, mbtmp4/1/14, ML3.8, MS4.5/10, Ms1.4/5/10, ms1mx4/1/29, Error ellipse: s-maj=27.6km s-min=11.0km az=61.0

GCMT 11 23:13:33.7, 0.2, 47.45N, 129.03W, h12km, MW5.1, Moment Tensor Solution, s35, c43; s93, c152; Moment tensor: Scale 1016Nm; Mrr0.23E+13; Mth-4.75E+12; Mtt-4.53E+11; Mrr-1.55E+35; Mth-0.46E+11; Mtt-0.59E+32; Best double couple: Mo4.90000E+10, NP1.91300000E+08, 0.850000E+08, 0.500000E+08, NP2.13300000E+08, 0.850000E+08, 0.500000E+08; Principal axes: T 4.66000E+08, Azm266.0000E+08, N 0.55000E+08, Azm47.0000E+08, P -5.20000E+08, Azm358.0000E+08; Data Used: II U/G IC.

BUI 11 23:13:35.3, 48.31N, 128.99W, h6km, mb5.0/5, mb4.8/13, Ms5.0/6, Ms7.4/76

NEIC 11 23:13:36.0, 3, 47.92N, 128.44W, h10km, mb4.6/36, MW4.5(PGC), Error ellipse: s-maj=6.0km s-min=3.2km az=49.0

ISC 11 23:13:35.1, 1.0, 47.92N, 128.45W, h0.03, h6km, 7km, n161, s176/1674, mb4.8/19, MS4.4/7, 12D, Off coast of Washington

Main station list table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations from ETB to ISA.

2008 SEP

Main station list table with columns: ISA, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations from Daniels Canyon to Chendgu.

540

Table with columns: CD2, comp=Z, 1.0nm, 0.8s, mb5.2, pmax, pmax, 23 25 21.6. Includes sub-tables for DZM, GYA, KMI, and comp=Z, 4.0nm, 2.0s, mb4.5.

NEIC 11 23:13:34.4, 1.1, 17.11N, 62.50W, h157km, 14km, MD4.1(RSPR), Error ellipse: s-maj=17.9km s-min=4.2km az=220.0

ISCJB 11 23:13:35.4, 0.7, 16.96N, 0.06, 62.65W, h135km, 8km, Error ellipse: s-maj=13.7km s-min=3.0km az=43.1

TRN 11 23:13:37.9, 16.67N, 62.92W, h86km, MD4.0, M3.8(FDF) RSPR 11 23:13:37.2, 17.27N, 62.60W, h145km, 2km, MD4.1/13, ISC 11 23:13:36.0, 0.7, 16.95N, 0.06, 62.65W, h130km, 9km, n64, s113/89, 38C-2D, Leeward Islands

Main station list table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations from SEUS to LPK.

Table with columns: LPK, ENEZ, ERIK, etc. and values for various stations and parameters.

Table with columns: SLUM, SLUM, SLUM, etc. and values for various stations and parameters.

Table with columns: SONM, SONM, SONM, etc. and values for various stations and parameters.

CSEM 11 23:21:03.1±0.1, 41.95N:19.70E, h2km, ML2.8, Error ellipse: s-maj=3.3km s-min=2.6km az=25.0

TIR 11 23:21:04.9, 41.97N:19.82E, h15km, ML2.8, Albania

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

HLW 11 23:25:07.3, 34.48N:25.03E, h30km, 31km, MD3.6, M13.1

ISC 11 23:25:07.2, 34.38N:25.10E, h0km, mb3.9/9, mb1.3.9/14, mb1.1mx3.8/29, mbtmp3.8/14, ML4.0/5, Error ellipse: s-maj=34.2km s-min=17.3km az=22.0

CSEM 11 23:25:09.7, 0.2, 34.24N:25.13E, h20km, ML3.2/3, Error ellipse: s-maj=6.2km s-min=3.9km az=52.0

ISCJB 11 23:25:09.7, 0.4, 34.24N:25.19E:0.0, 0.4, h0km, 6km, mb3.8/10, Error ellipse: s-maj=5.9km s-min=3.5km az=146.3

NEIC 11 23:25:10.9, 34.40N:25.03E, h28km, mb3.8/1, ML3.2/3 (THE), After: THE

ATH 11 23:25:10.3, 34.37N:25.05E, h28km, 2km, MD3.7/12

THE 11 23:25:11.9, 34.43N:25.04E, h5km, 1km, ML3.2/3, Error ellipse: s-maj=1.7km s-min=0.8km az=40.0

ISC 11 23:25:10.0, 0.8, 34.24N:25.13E:0.03, h22km, 6km, n148, ±15/17, mb3.8/10, Crete

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

Table with columns: SWA2, SWA2, SWA2, etc. and values for various stations and parameters.

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











Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, MNI Manado, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AYVA Ayvalik, PRK Paraskevi, UZLA Izmir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AYVA Ayvalik, PRK Paraskevi, UZLA Izmir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MFT Murefte, BODT Bodrum, ALN Alexandroupoli, etc.

NEIC 12 03:03:44.5, 17.13N-95.44W, h164km, MD3.8(MEX), After MEX.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VHO Vista Hermosa, VHO Vista Hermosa, HUG Huatulco, etc.

ISCJTB 12 03:09:25.0-0.7, 24.27S-0.04-67.10W, h156km, 7km, mb4.020, Error ellipse: s-maj=11.8km s-min=5.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SPCH San Pedro de A, ANCH Antofagasta, ANCH Antofagasta, etc.

ISC 12 03:02:15.1, 38.32N-26.75E, h76km, MD3.1, Error ellipse: s-maj=2.5km s-min=0.8km az=222.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MACH Maria Elena, MECH Mejillones, TOCH Topocilla, etc.

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

ISCJTB 12 03:03:30.9-0.4, 31.28S-0.03-69.06W, h105km, 4km, mb3.8/8, Error ellipse: s-maj=7.0km s-min=5.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, CFAA Coronel Fontan, CFMA Combarbala, etc.

ISC 12 03:02:34.9-0.4, 31.26S-0.03-69.06W, h107km, 5km, n42, -0575/58, mb3.8/8, 6C-7D, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TLL Tololo Astrono, TLL Tololo Astrono, JACH Jahuel, etc.

ISC 12 03:02:16.0-1.0, 38.94N-26.62E, h5km, MD3.1, Error ellipse: s-maj=3.4km s-min=2.4km az=69.0

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

ISC 12 03:02:16.0-1.0, 38.94N-26.63E, h3km, 2km, ML2.3/5, Error ellipse: s-maj=2.5km s-min=0.8km az=222.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LCO Las Campanas, CFAA Coronel Fontan, CFMA Coronel Fontan, etc.

ISC 12 03:32:08.3-1.7, 9.19N-127.33E, h0km, mb4.2/4, mb1.4/2.5, mb1.3/8.1/8, mbtm4.0/4, Error ellipse: s-maj=103.7km s-min=22.2km az=68.0, Halmahera

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





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAC, BOSP, SCZP, OTRP, BAFP, CMAR, WONA, WRA, ASAR, MK31, MKAR, KURK, ABKAR.

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

ISCJB 12 05:12:34.9,0.6,44.04N,0.07x144.41E,0.08, h205km,4km,mb3.4/5, Error ellipse: s-maj=11.7km

JMA 12 05:12:36.4,0.3,44.11N,144.38E, h198km,2km, M3.0, IDC 12 05:12:37.6,2.4,44.65N,144.33E, h186km,2km,mb3.3/5, s-maj 3.4/5, mb1mx3.1/22, mbtrp3.3/5, Error ellipse: s-maj=126.8km s-min=22.1km az=167.0

ISC 12 05:12:35.9,0.6,44.03N,0.07x144.40E,0.08, h201km,4km, n20, e070/30, mb3.4/5, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTKR, JNK, JRA, JMP, JAK, NEM2, JOB, JKB2, ASAJ, ASAJ, ASAJ, JFR, JSE, JCH, JNBK, JWB2, SONM, ILAR, MKAR, INK, FINES.

NEIC 12 05:15:15.2,0.9,32.09S,70.33W, h125km, MD3.6(GUC), After GUC

GUC 12 05:15:15.2,0.9,32.09S,70.33W, h125km,5km, MD3.6, ML3.8, 14C-10D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACH, JACH, JACH, CHNG, CHNG, ROCH, ROCH, ROCH, CMCH, CMCH, PEL, PEL, FCH, FCH, CLCH, CLCH, LACH, LACH, SAN, SAN, FSR, FSR, ANTU, ANTU, PCH, PCH, SJCH, SJCH, TACH, TACH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TACH, OVCH, LMEL, LMEL, LMEL, CHCH, CHCH, TLL, TLL, CACH, CACH, CACH, LNV, LNV, LCO, LCO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHCH, CHCH, TLL, TLL, CACH, CACH, CACH, LNV, LNV, LCO, LCO.

NEIC 12 05:23:12.1,37.70N,17.19W, h0km, MG3.9(MDD), After MDD

INMG 12 05:23:15.2,2.2,37.40N,17.45W, h10km, ML3.1, Error ellipse: s-maj=13.8km s-min=4.3km az=119.0

CSEM 12 05:23:18.2,0.4,37.81N,16.63W, h10km, ML4.0/14, Error ellipse: s-maj=8.7km s-min=6.3km az=155.0

MDD 12 05:23:19.6,3.4,37.86N,16.39W, h0km, mb3.8/9, Error ellipse: s-maj=36.8km s-min=27.9km az=159.0, PFI10M

ISC 12 05:23:13.1,1.1,37.42N,0.07x176.83W,0.07, h10km, n127, e162/199, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMPS, PMPS, PMPS, PMAR, PMAR, PMAR, FUL, FUL, FUL, PMAFR, PMAFR, PMAFR, PFVI, PFVI, PFVI, PTEO, PTEO, PTEO, PTOM, PTOM, PTOM, PCVE, PCVE, PCVE, EVO, EVO, EVO, PBDV, PBDV, PBDV.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBEJ, PBEJ, PBEJ, PVAO, PVAO, PVAO, PESTR, PESTR, PESTR, EGRO, EGRO, EGRO, PMRV, PMRV, PMRV, PVIS, PVIS, PVIS, PBAR, PBAR, PBAR, MTE, MTE, MTE, EBAD, EBAD, EBAD, PCAB, PCAB, PCAB, PVRL, PVRL, PVRL, EMIN, EMIN, EMIN, ELOB, ELOB, ELOB, MAZ, MAZ, MAZ, MVO, MVO, MVO.





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

Error ellipse: s-maj=2.0km s-min=0.6km az=27.0
CSEM 12 09:03:12.3, 0.2, 51.42N, 16.18E, h2km, ML3.2/7, Error ellipse: s-maj=4.7km s-min=2.6km az=31.0

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

ISCJB 12 08:08:58.2, 0.5, 36.37N, 0.04, 140.26E, 0.06, h15km, 3km, mb3.8/9, Error ellipse: s-maj=7.7km s-min=5.9km az=17.3

Code Station Name Az Az' Phase ID Time Res
KSP Ksiadz 0.58 174 i P Op Pn 09 03 24.4 +1.3

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

JMA 12 08:09:00.0, 0.1, 36.39N, 140.17E, h104km, 1km, M3.5
JMA Fell 1 JT
IDC 12 08:09:00.0, 0.1, 36.39N, 140.17E, h117km, 1.4km, mb3.4/6, m3.5/8, mb1.7km, 3.4/24, mbtmp3.4/8, Error ellipse: s-maj=23.6km s-min=8.8km az=64.0

Code Station Name Az Az' Phase ID Time Res
UPC Uptice 0.92 187 e P Op Pn 09 03 30.4 +0.8

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

NIED 12 08:09:00.36, 40N, 140.20E, h110km, Mw3.8 Best double couple: M5.07000, 1014 NP1.3, 187.00000, 576.00000, lambda=104.00000, NP2.3, 53.00000, delta.00000, lambda=46.00000
NEIC 12 08:09:00.0, 36.39N, 140.17E, h104km, mb4.1/3, After JMA

Code Station Name Az Az' Phase ID Time Res
DPC Dobruska-Polom 1.07 176 e P Op Pn 09 03 32.2 +0.7

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

ISC 12 08:08:59.3, 0.4, 36.38N, 0.04, 140.24E, 0.06, h110km, 3km, n29, n054/39, mb3.8/9, Near east coast of eastern Honshu

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

MJAR 15nm, 0.3s, baz=144, slow=21, SNR=12
MAJO Matsushiro 1.65 276 e P Op Pn 09 09 27.8 0.0

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

MAT Matsushiro 1.65 276 P P Op Pn 09 09 28.0 +0.2
MAT Matsushiro 1.65 276 S S Op Pn 09 09 49.0 -0.6

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

MAT Matsushiro 1.65 276 P P Op Pn 09 09 28.1 +0.3
BSOI Boso I 1.82 160 P P Op Pn 09 09 30.1 0.0

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

HJH Hachiojima 2 3.27 187 P P Op Pn 09 09 49.4 +0.4
JHU 18nm, 0.3s, baz=343, slow=19, SNR=19
JNU Nakatsu 8.26 250 e P Op Pn 08 10 58.2 +0.6

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

KSRS Korea Array 9.92 280 P P Op Pn 08 11 20.1 +1.3
HHK Hu-ho-hao-te 22.80 290 e P Op Pn 08 13 53.0 +0.3

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

HHK comp=Z, 220nm, 5.1s LR LR 08 17 50.0 -3.1
HHK comp=N, 160nm, 12.2s LR LR 08 18 29.6 -2.0

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

HHK comp=E, 260nm, 9.4s LR LR 08 18 43.3
HHK comp=Z, 160nm, 11.5s LR LR 08 19 43.3 -0.4

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

SOM Songoing Array 27.38 305 P P Op Pn 08 14 33.6 -0.4
MKAR Makanchi Array 43.67 303 P P Op Pn 08 16 52.7 -0.2

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

NEIC 12 09:03:12.5, 1.4, 51.35N, 16.09E, h5km, ML3.1 (SZGRF), Error ellipse: s-maj=17.2km s-min=9.8km az=50.0

Code Station Name Az Az' Phase ID Time Res
KSP Ksiadz 0.58 174 i P Op Pn 09 03 24.4 +1.3

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

Code Station Name Az Az' Phase ID Time Res
UPC Uptice 0.92 187 e P Op Pn 09 03 30.4 +0.8

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

Code Station Name Az Az' Phase ID Time Res
DPC Dobruska-Polom 1.07 176 e P Op Pn 09 03 32.2 +0.7

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

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

NEIC 12 09:30:39.2, 15.05N, 92.95W, h87km, MD3.9(MEX), After MEX.

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

NEIC 12 09:33:10.8, 51.37N, 179.40E, h50km, ML3.5(AEIC), After AEIC, Rat Islands

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

BJI 12 09:37:23.7, 6.60S, 130.60E, h35km, mb4.6/2, mb4.7/4

NEIC 12 09:37:25.8, 0.6, 61.81S, 130.58E, h35km, mb4.5/6, Error ellipse: s-maj=10.9km s-min=5.8km az=73.0

IDC 12 09:37:1.3, 0.6, 86S, 130.56E, h47km, mb4.2/14, mb1.4, 3/17, mb1mx4.3/20, mbtmp4.3/17, ML4.8/3, MS3.2/1, m1.3, 2/1, m1mx2.3/26, Error ellipse: s-maj=24.9km s-min=13.9km az=80.0

ISCJB 12 09:37:31.0, 0.5, 7.04S, 0.03, 130.62E, 0.06, h109km, 6km, mb4.3/19, Error ellipse: s-maj=9.6km s-min=5.4km az=169.4

DJA 12 09:37:33.6, 93S, 130.57E, h100km, mb5.1/8

ISC 12 09:37:32.0, 0.5, 7.02S, 0.03, 130.62E, 0.06, h101km, 6km, n48, n14/57, mb4.3/19, 1C-1D, Tanimbar Islands region

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

WEL 12 09:19:23.2, 0.2, 44.99S, 167.47E, h54km, 2km, ML3.5/10, 2C, Error ellipse: s-maj=1.5km s-min=1.1km az=90.0, South Island

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

WEL 12 09:19:24.0, 0.5, 39.69S, 174.09E, h192km, 4km, ML3.5/11, 8C-1D, Error ellipse: s-maj=2.4km s-min=1.4km az=90.0, North Island

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

Code Station Name Az Az' Phase ID Time Res
KSP Ksiadz 0.58 174 i P Op Pn 09 03 24.4 +1.3

Code Station Name Az Az' Phase ID Time Res
UPC Uptice 0.92 187 e P Op Pn 09 03 30.4 +0.8

Code Station Name Az Az' Phase ID Time Res
DPC Dobruska-Polom 1.07 176 e P Op Pn 09 03 32.2 +0.7

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Code Station Name Az Az' Phase ID Time Res
PVCC Panska Ves 1.36 230 e P Op Pn 09 03 38.2 +0.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Warramunga Arr, Alice Springs, Marble Bar, etc.

CSEM 12 10:11:19.70.7.59.20N:27.98E, h5km, ML2.3, Error ellipse: s-maj=23.8km s-min=5.0km az=110.0
ISCJB 12 10:11:20.20.9.59.40N:0.04:26.8E:0.2, h10km, Error ellipse: s-maj=11.8km s-min=6.3km az=173.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Vasula, Mef, FIAO, FINEF, etc.

DDA 12 10:11:19.5.36.22N:26.47E, h32km, 5km, Md3.4
NEIC 12 10:11:22.70.7.36.39N:26.77E, h117km, 9km, MD3.4(MD3A), Error ellipse: s-maj=12.8km s-min=8.7km az=202.0

Gl 12 10:11:27.9.0.6.35.96N:27.33E, h10km
ISC 12 10:11:23.5.0.3.36.41N:0.02:26.90E:0.03, h127km, 4km, n180, s1912/216, mb3.63, Dodecanese Islands

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Bodrum, Karpathos, Arkhangelos, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SWA2, SWA2, HNAT, etc.

ISCJB 12 10:21:29.8.0.4.36.36N:0.03:26.08E:0.03, h131km, 5km, Error ellipse: s-maj=4.6km s-min=4.2km az=40.3
HLW 12 10:21:29.1.36.39N:26.29E, h32km, 50km, Md3.4, M13.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like THRS, APE, etc.



s-min=10.4km az=61.0  
NEIC 12 13:04:04.5, 39.39N, 123.28W, h11km, MW3.6(BRK),  
After NCEC.

NEIC FELT (V) at Willits. Also felt at Albion, Comptche,  
Mendocino and Redwood Valley.

ISC 12 13:04:04.2, 0.6, 39.38N, 123.28W, h10.06km, mb3.6,  
n28,+121/40, 1C-2D, Near coast of northern California

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

ISC 12 13:10:29.4, 3.1, 11.85N, 122.55E, h0km, mb3.4/4,  
mb1 3.5/4, mb1mx3.3/19, mbtmp3.4/4, Error ellipse:  
s-maj=340.3km s-min=28.5km az=62.0, Panay

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Panay event.

PGC 12 13:17:17.5, 5.1, 47.37N, 126.93W, h10km, ML3.4/13,  
Mw4.0, 298km West of Tofoina, Bc Off Coast of Washington

ISC/JB 12 13:17:22.1, 0.6, 47.80N, 126.46W, h10km,  
mb3.7/2, MS3.6/5, Error ellipse: s-maj=7.6km s-min=3.8km  
az=164.9

ISC 12 13:17:22.7, 2.1, 47.74N, 128.41W, h0km, mb3.6/2,  
mb1 3.8/8, mb1mx3.6/27, mbtmp3.6/8, ML3.4/4, MS3.5/10,  
Ms1 3.5/10, ms1mx3.4/28, Error ellipse: s-maj=50.5km  
s-min=12.5km az=66.0

NEIC 12 13:17:25.6, 0.8, 47.90N, 128.21W, h10km, mb3.9/5, Error  
ellipse: s-maj=10.3km s-min=6.3km az=75.0

ISC 12 13:17:24.3, 0.7, 47.88N, 128.41W, h0km, n69,  
+107/71, mb3.7/2, MS3.6/5, 9D, Off coast of Washington

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Washington coast event.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Columbia Colle event.

CASC 12 13:21:18.7, 2.0, 12.86N, 89.94W, h24km, 7km, MD4.1,  
ML4.1, mb4.3(NEIC)

BUI 12 13:21:19.4, 13.20N, 89.70W, h56km, mb4.8/2, Ms5.1/2,  
Ms7.4/2

IDC 12 13:21:21.9, 3.0, 13.37N, 89.53W, h44km, 26km, mb4.1/16,  
mb1 4.3/18, mb1mx4.1/26, mbtmp4.1/18, ML3.4/1, MS3.5/4,  
Ms1 3.4/4, ms1mx3.1/27, Error ellipse: s-maj=28.1km  
s-min=16.6km az=36.0

ISC/JB 12 13:21:22.8, 0.5, 13.12N, 0.06E, 89.58W, 0.05, h8km, 4km,  
mb4.3/38, Error ellipse: s-maj=11.7km s-min=4.4km  
az=41.5

NEIC 12 13:21:22.3, 1.0, 13.18N, 89.67W, h57km, 9km, mb4.3/25,  
Error ellipse: s-maj=13.8km s-min=6.2km az=219.0

ISC 12 13:21:24.0, 0.5, 13.21N, 0.06E, 89.53W, 0.05, h7km, 4km,  
n286,+097/283, mb4.3/38, 92C-84D, El Salvador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the El Salvador event.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Cornudas Mount event.







Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Te Maipa, Mount Morrison, Cannon Point, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Atka Island, Atka, Nikolski, Unalaska Valle, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Thra Island, Thra Island, Cakirokul, etc.

ISCJB 12 14:30:24.8.1.1.6.61S:0.09:127.4E:0.1, h42km, 14km, mb3.7/11, Error ellipse: s-maj=23.4km s-min=7.9km az=149.1

NEIC 12 14:30:24.2.1.9.6.45S:127.59E, h393km, 23km, mb4.1/3, Error ellipse: s-maj=32.4km s-min=9.5km az=56.0

IDC 12 14:30:26.8.2.5.6.00S:127.47E, h429km, 32km, mb3.4/7, mb1.3.5/10, mb1mx3.8/18, mbmp3.4/7.0, Error ellipse: s-maj=41.5km s-min=9.8km az=72.0

ISC 12 14:30:26.2.1.1.6.64S:0.09:127.4E:0.1, h42km, 15km, n24, c193/28, mb3.7/11, 1D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kakadu, Kappang, KNA, etc.

DJA 12 15:08:27.1.22N:125.66E, h15km, MLV3.6/4, Northern Molucca Sea

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

IDC 12 15:14:23.0.9.34.77N:28.35E, h0km, mb4.4/17, mb1.4.4/24, mb1mx2.5/33, mbmp4.4/24, ML4.4/4, MS3.2/3, Ms1.3.2/3, ms1mx2.5/41, Error ellipse: s-maj=23.1km s-min=12.6km az=14.0

HLW 12 15:14:26.0.34.87N:28.57E, h31km, 45km, Md4.1, MH.2

ISCJB 12 15:14:26.0.0.1.34.69N:0.01:28.44E:0.01, h33km, mb4.4/44, MS3.4/6, Error ellipse: s-maj=2.1km s-min=1.4km az=32.7

BUI 12 15:14:26.6.35.13N:28.26E, h25km, mb4.4/4

NEIC 12 15:14:27.1.2.34.74N:28.36E, h24km, 10km, mb4.2/10, ML4.4(1SK), ML4.2(HLW), ML4.3(DDA), ML4.1(NIC), Error ellipse: s-maj=5.1km s-min=3.9km az=216.0

MOS 12 15:14:27.2.1.1.34.85N:28.35E, h33km, mb4.5/29, Error ellipse: s-maj=8.7km s-min=5.5km az=77.5

ISK 12 15:14:27.5.34.79N:28.34E, h30km, ML4.5

CSEM 12 15:14:28.0.0.1.34.68N:28.42E, h40km, mb4.3/32, Mw3.8, Error ellipse: s-maj=2.6km s-min=1.7km az=37.0

NIC 12 15:14:29.0.0.1.34.87N:28.54E, h35km, mb4.4, ML4.1, MW3.8

ATH 12 15:14:29.1.34.87N:28.25E, h33km, 3km, MD3.9/14, ML4.1

THE 12 15:14:30.5.34.81N:28.43E, h43km, 3km, ML4.2/10, Error ellipse: s-maj=3.1km s-min=1.3km az=168.0

DDA 12 15:14:31.3.35.13N:28.28E, h30km, 4km, ML4.3

Gil 12 15:14:32.0.0.6.34.34N:28.71E, h32km

NSSC 12 15:14:48.34.78N:30.21E, h40km

ISC 12 15:14:28.6.0.1.34.71N:0.01:28.43E:0.01, h35km, n565, c192/666, mb4.4/44, MS3.4/6, 13C-23D, Eastern Mediterranean Sea

PGC 12 14:40:40.8.31.0, 47.24N:129.14W, h10km, ML3.1/19, Mw3.7, 12D, 320km Wsw of Tofino, Bc Off Coast of Washington, Off coast of Washington

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Estevan Point, Eliza Dome, Mount Ozzard, etc.

KARP Karpathos 1.33 309 ePN Pn 15 14 50.5 -0.2

ARG Arkhangelos 1.52 351 ePN Pn 15 14 53.9 +0.6

ARG Arkhangelos 1.52 351 ePN Pn 15 15 12.1 +0.2

ARG Arkhangelos 1.52 351 ePN Pn 15 15 11.6 +0.3

ZKR Zakros 1.86 283 ePN Pn 15 15 12.1 +0.2

ZKR Zakros 1.86 283 ePN Pn 15 14 58.3 +0.4

ZKR Zakros 1.86 283 ePN Pn 15 15 21.2 +1.0

ZKR Zakros 1.86 283 ePN Pn 15 14 58.3 +0.4

NIS1 Nisyros Isl. 2.15 332 ePN Pn 15 15 01.7 -0.1

NIS1 Nisyros Isl. 2.15 332 ePN Pn 15 15 27.6 +0.4

TURN Turunc 2.16 4 iPN Pn 15 15 01.4 -0.7

TURN Turunc 2.16 4 iPN Pn 15 15 24.3 -3.4

TURN Turunc 2.16 4 iPN Pn 15 15 01.4 -0.7

NPS Neapolis 2.38 284 ePN Pn 15 15 05.5 +0.5

YER Yerkesik 2.42 357 ePN Pn 15 15 07.0 +1.4

YER Yerkesik 2.42 357 ePN Pn 15 15 32.5 -1.5

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 0.0

YER Yerkesik 2.42 357 ePN Pn 15 15 07.1 +0.1

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 +0.1

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 +0.1

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 +0.1

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 +0.1

YER Yerkesik 2.42 357 ePN Pn 15 15 05.7 +0.1

BLBC Balcova 3.83 343 ePN Pn 15 15 24.8 -0.5

BLBC Balcova 3.83 343 ePN Pn 15 15 24.8 -0.2

BLBC Balcova 3.83 343 ePN Pn 15 15 24.8 -0.2

URLA Izmir 3.93 338 iPN Pn 15 15 24.8 -1.6

URLA Izmir 3.93 338 iPN Pn 15 15 24.8 -1.6

URLA Izmir 3.93 338 iPN Pn 15 15 24.8 -1.6

MAMC Mammari 3.96 82 ePN Pn 15 15 27.3 +0.5

MAMC Mammari 3.96 82 ePN Pn 15 15 27.3 +0.5

HDMB Hadim 3.99 55 ePN Pn 15 15 28.6 +1.4

HDMB Hadim 3.99 55 ePN Pn 15 15 28.2 +0.2

CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

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CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

CSS Prodromos 4.04 85 ePN Pn 15 15 23.0 +0.4

PGC 12 14:44:58.1.3.6, 47.42N:128.88W, h10km, ML2.9/17, Mw3.5, 13D, 292km Wsw of Tofino, Bc Off Coast of Washington, Off coast of Washington

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Eliza Dome, Mount Ozzard, Brooks Peninsula, etc.

GLHS Ghlisar (BURDU) 2.59 19 ePN Pn 15 15 07.9 0.0

GLHS Ghlisar (BURDU) 2.59 19 ePN Pn 15 15 07.9 0.0

GLHS Ghlisar (BURDU) 2.59 19 ePN Pn 15 15 07.9 0.0

MLSB Milas 2.63 349 ePN Pn 15 15 07.1 -1.5

MLSB Milas 2.63 349 ePN Pn 15 15 07.6 -0.9

MLSB Milas 2.63 349 ePN Pn 15 15 07.6 -0.9

GOLH Golhisar 2.68 20 iPN Pn 15 15 10.2 +1.0

GOLH Golhisar 2.68 20 iPN Pn 15 15 09.4 -1.1

GOLH Golhisar 2.68 20 iPN Pn 15 15 10.2 +1.0

GOLH Golhisar 2.68 20 iPN Pn 15 15 09.4 -1.1

ANTB Antalya 2.84 39 ePN Pn 15 15 11.6 +0.2

ANTB Antalya 2.84 39 ePN Pn 15 15 11.6 +0.2

THR1 Thra Island 2.93 305 ePN Pn 15 15 12.8 +0.1

THR2 Thra Island 2.93 306 ePN Pn 15 15 13.5 +0.4

THR2 Thra Island 2.93 306 ePN Pn 15 15 13.5 +0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

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AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

AKHS Akhisar 4.19 353 iPN Pn 15 15 29.5 -0.4

IDC 12 15:07:32.7.0.9, 51.96N:171.62W, h0km, mb3.6/9, mb1.3.8/10, mb1mx3.6/27, mbmp3.5/10, ML3.4/1, Error ellipse: s-maj=28.1km s-min=18.9km az=177.0

ISCJB 12 15:07:37.8.1.2.52.1N:0.1:171.42W:0.08, h45km, 10km, mb3.6/8, Error ellipse: s-maj=24.7km s-min=5.8km az=165.6

NEIC 12 15:07:38.4.52.00N:171.41W, h21km, ML3.3(AEIC), After AEIC

ISC 12 15:07:38.6.1.2.52.00N:0.1:171.44W:0.08, h36km, 10km, n18, c088/22, mb3.6/8, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Estevan Point, Eliza Dome, etc.

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

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

Main table containing astronomical data for 2008 SEP, listing various objects (e.g., PRK, VLY, BALB, etc.) with their coordinates, magnitudes, and other parameters. The table is organized into columns for object name, coordinates, magnitude, and other details.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like HFS Hagfors, AB31 Akbulak array, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like SONM Songino Array, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like VIVF Saint-Julien-I, PCA Pinnacle, etc.











12d 19h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonasvu, CTAO Charters Tower, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat, PSI 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 PGC 12 17:21:04.5:2.8, 47.373N-128.89W, EDB Eliza Dome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISK 12 17:30:38.1, 38.87N-103.50E, CSEM 12 17:30:41.3, 30.3, 38.69N-30.82E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 12 17:35:48.9:1.5, 31.32N-103.37E, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, MNI Manado, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 12 17:54:24.0:0.2, 39.47N-144.56E, MIYJ Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 12 18:04:50.5:1.6, 0.45N-121.79E, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAS 12 18:05:00.8:1.3, 12.44N-88.17W, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BLLM Cacacatuque, CAHU CAHU, SNVI San Vicente, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSEM 12 18:19:20.3:0.9, 40.11N-26.82E, DDA 12 18:19:21.1, 40.07N-26.79E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PGC 12 18:19:51.2:62.0, 47.34N-128.92W, GDR Gold River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 12 18:36:24.3, 39N-126.35E, MNI Manado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 12 18:40:19.9:37.0, 11.87N-91.52E, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 12 18:53:55.3, 88S-101.88E, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISK 12 19:07:18.3:1.0, 21.96S-104.68W, LPAZ La Paz, etc.

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

ISCJB 12 19:09:30.2, 2.5, 2.3, 2.1N, 0.2, 126.84E, 0.07, h39km, 18km, mb3.5/4, Error ellipse: s-maj=27.0km s-min=10.6km az=15.5

IDC 12 19:09:31.9, 1.9, 1.5, 1.5N, 126.46E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/1.7, mbtmp3.5/4, Error ellipse: s-maj=152.0km s-min=26.3km az=65.0

DJA 12 19:09:31.2, 2.2, 2.1, 2.1N, 0.2, 126.87E, 0.07, h34km, 18km, mb3.5/4, mb1 3.7/4, mb1mx3.5/1.7, mbtmp3.5/4, Error ellipse: s-maj=152.0km s-min=26.3km az=65.0

ISC 12 19:09:30.3, 2.3, 2.1N, 0.2, 126.87E, 0.07, h24km, 36km, m9, 0.064/12, mb3.5/4, Northern Molucca Sea

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

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

ISCJB 12 19:43:37.3, 1.4, 1.3, 1.38N, 0.0, 90.66W, 0.04, h23km, 7km, Error ellipse: s-maj=11.3km s-min=5.0km az=22.5

CASC 12 19:43:39.0, 1.9, 1.9, 1.47N, 90.64W, h37km, 247km, MD3.4, ML3.6

ISC 12 19:43:37.2, 1.4, 1.3, 1.40N, 0.0, 90.65W, 0.04, h16km, 10km, n20, 0.055/36, 4C-2D, Near coast of Guatemala

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

ISCJB 12 19:50:38.4, 0.2, 6.2, 2.0N, 0.0, 149.52W, 0.06, h60km, 3km, mb4.0/15, Error ellipse: s-maj=4.3km s-min=3.3km az=3.0

IDC 12 19:50:39.2, 0.8, 6.2, 3.0N, 149.67W, h58km, 6km, mb3.6/12, mb1 3.9/16, mb1mx3.7/2.5, mbtmp3.7/16, MS3.0/3, Ms1 3.0/3, ms1mx2.6/33, Error ellipse: s-maj=12.5km s-min=10.7km az=121.0

NEIC 12 19:50:40.1, 6.2, 1.6N, 149.43W, h40km, mb4.6/2, ML4.0(PMR), ML3.9(AEIC), After AEIC. NEIC Felt at Chugiak, Palmer and Talkeetna.

ISC 12 19:50:39.5, 0.2, 6.2, 1.8N, 0.0, 149.53W, 0.05, h52km, 3km, h52km, 2.9km, p-P, n13, 0.086/120, mb4.0/15, 23C-22D, Central Alaska

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

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



IDC 12 21:14:50.1,0.8,9.9S,126.98E,h0km,mb3.9/8, mb1 4.0/9,mb1mx3.9/20,mbtmp3.9/9,ML3.8/1, Error ellipse: s-maj=70.5km s-min=11.0km az=70.0

ISCJB 12 21:14:54.4,0.9,0.99S,0.05E,127.02E,0.07,h43km,9km, mb3.9/9, Error ellipse: s-maj=11.7km s-min=7.1km az=160.7

DJA 12 21:14:55.1,0.8S,127.01E,h25km,MLV4.3/7

NEIC 12 21:14:55.3,0.6,1.03S,127.13E,h35km,mb4.0/2, Error ellipse: s-maj=21.4km s-min=10.3km az=75.0

ISC 12 21:14:55.2,0.5,0.97S,0.05E,127.10E,0.07,h33km,19km, n25,0.91/30,mb3.6/6, Error ellipse: s-maj=17.7km s-min=6.2km az=4.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TATI Ternate, NTAI Namlea, MNI Manado, etc.

IDC 12 21:35:23.0,4.0,15.87S,175.30W,h0km,mb4.7/3, mb1 4.8/3,mb1mx4.0/17,mbtmp4.7/3, Error ellipse: s-maj=159.4km s-min=54.6km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARMA Armadale, CMA Cobar Meteorol, etc.

IDC 12 21:59:03.1,3.1,2.24S,100.49E,h0km,mb3.5/6, mb1 3.7/7,mb1mx3.6/19,mbtmp3.5/7,MS2.7/1, Ms1 2.7/1, ms1mx2.2/20, Error ellipse: s-maj=135.1km s-min=19.8km az=58.0

ISCJB 12 21:59:08.9,1.0,2.17S,0.08E,100.55E,0.08,h59km,8km, mb3.6/6, Error ellipse: s-maj=17.7km s-min=6.2km az=4.4

DJA 12 21:59:09.2,1.4S,100.55E,h13km,MLV4.3/14

NEIC 12 21:59:10.2,1.2,2.14S,100.62E,h40km,19km,mb3.8/1, Error ellipse: s-maj=59.3km s-min=12.4km az=55.0

ISC 12 21:59:10.1,0.2,2.19S,0.09E,100.53E,0.08,h49km,9km, n25,0.1537/27,mb3.6/6, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRJI Kerinci, PDSI Padang, etc.

PGC 12 22:16:14.0,66.0,47.22N,129.12W,h10km,ML3.0/10, Mw3.6,8D,320km Wsw of Off Coast Of Washington, Off coast of Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ODB Eliza Dome, EZB Mount Ozzard, etc.

Table with columns: PFB Port Renfrew, MAYB Maynard, MGB Mount Grey, etc.

ISCJB 12 22:21:32.6,2.1,20.0S,0.1x69.0W,0.2,h153km,20km, mb3.9/4, Error ellipse: s-maj=28.1km s-min=22.1km az=179.1

IDC 12 22:21:33.2,2.4,19.95S,68.95W,h141km,21km,mb3.6/6, mb1 3.7/7,mb1mx3.6/17,mbtmp3.6/7, Error ellipse: s-maj=25.7km s-min=20.5km az=86.0

NEIC 12 22:21:33.0,1.8,20.0S,68.98W,h142km,17km,mb3.9/1, Error ellipse: s-maj=21.1km s-min=17.9km az=87.0

ISC 12 22:21:33.6,1.9,20.0S,0.1x69.0W,0.2,h145km,18km,n8, 0.072/9,mb3.8/4, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ La Paz, BDFB Bata, etc.

ISCJB 12 22:34:21.2,0.4,24.71N,0.03E,98.08E,0.04,h10km, mb3.5/10, Error ellipse: s-maj=5.8km s-min=3.7km az=168.0

IDC 12 22:34:23.3,1.0,24.92N,97.85E,h0km,mb3.5/6, mb1 3.7/7,mb1mx3.5/24,mbtmp3.6/7,ML4.3/1,MS3.0/1, Ms1 3.0/1,ms1mx2.3/27, Error ellipse: s-maj=41.0km s-min=15.5km az=71.0

BUI 12 22:34:24.2,1.2,24.94N,97.83E,h18km,ML3.9/9

NEIC 12 22:34:27.1,1.3,24.89N,97.92E,h27km,28km,mb3.8/4, Error ellipse: s-maj=20.5km s-min=7.2km az=60.0

ISC 12 22:34:24.4,0.4,24.92N,0.03E,98.08E,0.04,h10km,n23, 0.1524/30,mb3.5/10,1C-1D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMI Kunming, CHRT Chiangrai, etc.

SOMNI Songoing Array 23.97 14 P P 22 35 38 -0.2

MK31 Makanchi Array 25.27 334 P P 22 39 50 -0.1

MKAR Makanchi Array 25.27 334 P P 22 39 50 -0.5

AAL Ala-Archa 26.28 318 P P 22 40 00.2 +0.3

AMK Almayashu 26.29 317 P P 22 40 01.7 -0.2

EKS2 Erkin-Say 26.73 318 P P 22 40 03.3 -0.7

KBL Kabul 26.89 298 P P 22 40 06.0 +0.5

KSRS Korea Array 28.41 57 LR 22 51 19.9

ZALV Zalesovo Beam 30.72 345 P P 22 40 38.5 -0.9

ZALV Zalesovo Beam 30.72 345 P P 22 40 38.5 -0.9

ABKAR Akbulak array 38.36 319 P P 22 41 44.2 -1.4

BRTR Keskin Array B 55.33 302 P P 22 43 56.8 -1.6

WRA Warrunganga Arr 56.83 138 P P 22 44 11.0 +1.7

ISCJB 12 22:38:46.2,0.7,37.08N,0.04E,27.83E,0.05,h12km,6km, Error ellipse: s-maj=7.3km s-min=5.8km az=158.6

CSEM 12 22:38:46.0,0.3,37.09N,27.83E,h10km,MD1.9, Error ellipse: s-maj=6.1km s-min=5.5km az=91.0

ISK 12 22:38:46.7,37.16N,27.69E,h18km,MD1.9

DDA 12 22:38:47.9,37.13N,27.73E,h7km,2km,MD2.6

ISC 12 22:38:46.4,1.2,37.08N,0.04E,27.84E,0.04,h11km,20km, n14,0.9920/26,Turkey

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

ISCJB 12 22:46:04.3,1.4,8.48N,0.05E,126.8E,0.1,h76km,12km, mb3.8/20, Error ellipse: s-maj=18.5km s-min=7.0km az=170.6

NEIC 12 22:46:06.5,1.2,8.43N,126.61E,h78km,11km,mb4.1/5, Error ellipse: s-maj=17.7km s-min=5.6km az=72.0

NEIC Felt [II PIVS] at Bislig, IDC 12 22:46:07.6,2.8,8.37N,126.54E,h89km,26km,mb3.6/14, mb1 3.7/14,mb1mx3.7/20,mbtmp3.6/14, Error ellipse: s-maj=36.4km s-min=13.7km az=72.0

ISC 12 22:46:05.3,1.4,8.48N,0.05E,126.8E,0.1,h67km,12km, n20,0.9923/7,mb3.8/20,1C-1D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH Surigao, DAVO Davao City (W), etc.

HHC comp=2.13nm,1.0s,mb4.7

HHC comp=2.83nm,6.3s

HHC comp=E,190nm,15.4s

HHC comp=2.180nm,16.7s

STKA Stephens Creek 42.54 161 P P 22 53 53.9 -0.5

ULN Ulanbataar 42.68 340 P P 22 53 55.6 +0.3

SOMNI Songoing Array 42.84 340 P P 22 53 56.6 -0.3

MK31 Makanchi Array 53.77 323 P P 22 55 20.8 -0.0

MKAR Makanchi Array 53.77 323 P P 22 55 20.8 -0.0

ZALV Zalesovo Beam 56.45 332 P P 22 55 39.5 -0.5

KURK Kurchatov 57.84 326 P P 22 55 49.4 -0.4

ABKAR Akbulak array 58.58 320 P P 22 57 01.3 +0.4

CASEY Casey 75.51 187 P P 22 57 42.4 +0.5

ILAR Eielson Array 80.81 26 P P 22 58 12.6 +1.2

ARCES ARCES Array B 86.05 340 P P 22 58 38.0 -0.2

BRTR Keskin Array B 87.08 310 P P 22 58 43.1 -0.8

FINES FINES Array B 87.72 332 P P 22 58 45.5 -0.9

YKA Yellowknife Arr 95.16 24 P P 22 59 21.8 +0.9

IDC 12 23:00:10.9,8.5,7.70S,117.31E,h297km,93km,mb3.0/7, mb1 3.1/8,mb1mx3.0/19,mbtmp3.0/8, Error ellipse: s-maj=71.1km s-min=23.1km az=63.0,Bali Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZY Fitzroy Crossi, ASAR Alice Springs, etc.

MAN 12 22:46:01,8.44N,126.89E,h49km,mb4.8,ML3.7,MS3.7 MAN INTENSITY II - BISLIG SURIGAO DEL SUR.











12d 23h

2008 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like W14A Wickenburg, R22A Saguache, Z13A Yuma, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CMAR Chiang Mai Arr, CMAR Chiang Mai, NB2 NORSAR Subarray, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KONO Kongsberg, KONO Kongsberg, KONO Kongsberg, etc.







ASUD	AI Ashush, Dub	79.54 299	P	P	23 19 57.3	-0.2
CSS	Prodhromos	79.91 321	eP	P	23 19 58.5	-0.8
CSS	comp=2.39nm,1.3s,mb5.2		LR	LR		
BDRM	Kayabasi	79.95 326	iP	P	23 19 56.6	-2.9
WB2	Warramunga Arr	79.97 208	eP	P	23 19 59.5	-0.2
WRA	Warramunga Arr	79.98 208	eP	P	23 19 59.4	-0.2
WRA	Warramunga Arr	79.98 208	eP	P	23 19 59.4	-0.2
WRA	comp=2.7,3nm,0.7s,mb7.7,baz=3.9,slow=5.9,SNR=21		P	P		
WRA	comp=2.7,0nm,0.7s		P	P		
ARQ	Araji	80.03 297	P	P	23 19 59.5	-0.7
JMDO	Jabal Madar	80.05 295	P	P	23 19 59.9	-0.3
BSY	Bisy	80.19 296	P	P	23 20 00.6	-0.4
CUC	Castrocuoco	80.35 336	PFAKE	LR	23 20 10.0	+8.4
FITZ	Fitzroy Crossi	80.84 217	eP	P	23 20 04.0	-0.3
FITZ	Fitzroy Crossi	80.84 217	eP	P	23 20 05.6	+1.3
FITZ	Fitzroy Crossi	80.84 217	P	P	23 20 10.8	+6.5
CMIG	Matias Romero	81.96 71	P	P	23 20 10.0	-0.5
CEL	Celeste	81.98 335	PFAKE	LR	23 20 20.0	+1.0
EIDS	Eidsvold	82.09 192	eP	P	23 20 10.9	+0.1
VSL	Villasalto	82.17 340	PFAKE	LR	23 20 20.0	+8.7
BBSR	BB Station	82.46 40	PFAKE	LR	23 20 20.0	+7.0
PVRL	Vila Real	82.53 354	eP	P	23 20 13.6	+0.4
MVO	Moncovo	82.60 353	eP	P	23 20 16.8	+3.3
MVO	MVO		eS	S	23 30 33.0	+2.5
MVO	MVO		eLQ	LR	23 42 15.8	
MVO	MVO		eLQ	LR	23 49 59.3	
TEIG	Tepech	82.76 64	PFAKE	LR	23 20 20.0	+5.4
RAR	Rarotonga	83.06 146	PFAKE	LR	23 20 30.0	+1.4
PPT	Papeete	83.26 136	eS	S	23 30 32.6	-4.8
PPT	comp=2.1,1um,23.2s		eSS	SS	23 36 02.4	-0.3
PPT	comp=2.779nm,28.0s		eLQ	LR	23 42 02.8	
PPT	comp=2.3,1um,29.8s		eLR	LR	23 46 18.4	
PPT	comp=2.13um,29.2s,baz=340		eLR	LR	23 48 49.4	
PPT	Papeete	83.26 136	LR	LR	23 48 49.4	
MTE	Manteigas	83.39 354	eS	S	23 30 42.1	+3.5
MTE	Manteigas	83.39 354	eLQ	LR	23 43 48.5	
MTE	Manteigas	83.39 354	eLQ	LR	23 45 47.4	
MTE	Manteigas	83.39 354	PFAKE	LR	23 20 30.0	+1.2
ASAR	Alice Springs	83.65 208	P	P	23 20 19.1	+0.2
ASAR	Alice Springs	83.65 208	P	P	23 20 19.2	+0.3
ESDC	Sonsecra Array	83.84 351	P	P	23 20 20.4	+0.5
ESDC	Sonsecra Array	83.84 351	P	P	23 20 20.4	+0.5
ESLA	Sonsecra Array	83.84 351	PFAKE	LR	23 20 30.0	+1.0
PAB	San Pablo	84.00 351	PFAKE	LR	23 20 30.0	+9.2
PMRV	Marv?to	84.35 353	eS	S	23 30 50.1	+1.9
WDD	Wield Dalam	84.59 336	PFAKE	LR	23 20 30.0	+6.2
PESTR	Estremoz	84.92 353	eP	P	23 20 26.2	+0.7
PESTR	comp=2.53nm,1.8s,mb5.4		eS	S	23 30 53.5	-0.4
PESTR	comp=2.53nm,1.8s,mb5.4		eLQ	LR	23 44 00.4	
PESTR	comp=2.53nm,1.8s,mb5.4		eLR	LR	23 51 54.2	
PMAFR	Matra	84.93 355	eS	S	23 30 59.9	+5.9
EVO	Evora	85.28 354	eP	P	23 20 30.1	+2.8
PBAR	Barranco-Do-De	85.58 353	eP	P	23 20 29.0	+0.3
PBAR	comp=2.69nm,1.2s,mb5.8		eS	S	23 31 02.8	+2.4
PBAR	comp=2.69nm,1.2s,mb5.8		eLQ	LR	23 46 07.4	
MBWA	Marble Bar	85.73 221	eP	P	23 20 31.0	+1.5
MBWA	comp=2.68nm,1.1s,mb5.8		LR	LR		
MBWA	Marble Bar	85.73 221	P	P	23 20 38.6	+9.1
KEST	Kesra	85.82 340	P	P	23 20 30.0	0.0
KEST	comp=2.1,0nm,0.6s,mb4.2,baz=243,slow=6.3,SNR=4.6		LR	LR	00 05 09.9	
KEST	Kesra	85.82 340	P	P	23 20 29.6	-0.4
CMLA	Cha da Macela	85.94 8	PFAKE	LR	23 20 40.0	+9.4
PCVE	Castro Verde	86.18 354	eS	S	23 31 14.0	+7.6
PVAQ	Vaqueiros	86.39 353	eP	P	23 20 36.6	+3.8
MORF	Marinete	86.54 354	eS	S	23 31 14.9	+6.5
PBDV	Barranco-Do-De	86.56 354	eS	S	23 31 12.6	+2.5
PBDV	comp=2.2,1um,20.0s,MS5.4		eLQ	LR	23 43 40.5	
PBDV	comp=2.2,1um,20.0s,MS5.4		eLR	LR	23 49 38.3	
ARMA	Armidade	87.02 191	eP	P	23 20 42.4	+6.8
SFS	San Fernando	87.21 352	PFAKE	LR	23 20 50.0	+1.3
COCO	West Island	87.87 244	PFAKE	LR	23 20 50.0	+1.0
TGUH	Tegucigalpa,Un	88.46 67	eP	P	23 20 43.4	+0.4
TGUH	comp=2.15nm,0.4s,mb5.6		LR	LR		
TBI	Tubuai	88.56 138	eS	S	23 31 27.6	-1.6
TBI	comp=2.795nm,32.2s		eSS	SS	23 37 20.8	+0.3
TBI	comp=2.715nm,27.8s		eLQ	LR	23 43 48.0	
TBI	comp=2.2,1um,35.8s		eLR	LR	23 48 33.6	
GTBY	Guantanamo Bay	89.30 54	PFAKE	LR	23 21 00.0	+1.3
GTBY	comp=2.8,1um,19.0s,MS6.2		LR	LR		

MTDJ	Mount Denham	89.67 57	PFAKE	LR	23 21 00.0	+1.1
STKA	Stephens Creek	89.89 199	P	P	23 20 51.2	+2.0
STKA	Stephens Creek	89.89 199	eP	P	23 20 51.4	+2.2
STKA	Stephens Creek	89.89 199	eP	P	23 20 50.8	+1.7
SDDR	Pres de Saban	91.82 51	eP	P	23 20 59.7	+1.0
SDDR	comp=2.2,1um,21.0s,MS5.5		LR	LR		
CAN	Canberra	92.16 192	PFAKE	LR	23 21 10.0	+1.0
JTS	JuntasAbangare	92.84 67	PFAKE	LR	23 21 10.0	+6.5
RKT	Rikitea	94.33 126	eS	S	23 32 22.0	+0.4
RKT	Rikitea	94.33 126	ePS	PS	23 33 40.4	+2.9
RKT	Rikitea	94.33 126	eSS	SS	23 38 44.4	+0.6
RKT	comp=2.807nm,26.5s		eLQ	LR	23 46 50.7	
RKT	comp=2.3,1um,39.0s		eLR	LR	23 51 24.1	
SJG	San Juan	94.76 47	PFAKE	LR	23 21 20.0	+7.7
BCIP	Isla Barro Col	96.38 63	PFAKE	LR	23 21 30.0	+1.0
ANWB	Wilby Bob	96.89 44	PFAKE	LR	23 21 30.0	+8.0
DGAR	Diego Garcia	96.97 267	PFAKE	LR	23 21 30.0	+7.7
NWAO	Narrogin (SRO)	97.36 218	PFAKE	LR	23 21 30.0	+6.5
SNZO	South Karori	97.67 172	PFAKE	LR	23 21 30.0	+5.3
PTCN	Pitcairn Islan	98.25 123	PFAKE	LR	23 21 40.0	+1.2
TAM	Tamanrasset	99.13 340	PFAKE	LR	23 21 40.0	+8.0
PAYG	Puerto Ayora	99.24 77	PFAKE	LR	23 21 40.0	+7.5
FDL	Fort de France	99.81 44	PFAKE	LR	23 21 40.0	+4.9
SDV	Santo Domingo	101.03 55	PFAKE	LR	23 21 50.0	+9.5
BBGH	Gun Hill	101.88 43	PFAKE	LR	23 21 50.0	+5.7
GRGR	Grenville	101.98 46	PFAKE	LR	23 21 50.0	+5.3
OTAV	Otaivalo	104.73 66	PFAKE	LR	23 22 10.0	+1.3
KMBO	Kilima Mbogo	110.47 301	PFAKE	LR	23 26 30.0	+6.9
DBIC	Dimbokro	116.58 348	PFAKE	LR	23 26 40.0	+5.2
ABPO	Ambohimpanon	120.43 282	PFAKE	LR	23 26 50.0	+8.1
LPAZ	La Paz	124.05 66	PKP	PKPdf	23 26 50.4	+1.4
LPAZ	La Paz	124.05 66	PKP	PKPdf	23 26 50.4	+1.4
LPAZ	La Paz	124.05 66	PKP	PKPdf	23 26 50.4	+1.4
LPAZ	La Paz	124.05 66	PKP	PKPdf	23 26 50.4	+1.4
AVH	Avacha	4.32 232	eP	P	23 29 28.2	+1.7
GNL	Ganally	4.42 240	eP	P	23 29 30.1	+1.3
PET	Petropavlovsk	4.52 230	eP	P	23 29 35.5	+2.2
KRSC	Komandorsky Islands region					
KBTR	Krutoberegovo	0.90 280	eP	P	23 28 39.9	-2.2
BKI	Bering	1.24 133	eS	S	23 28 47.4	-0.7
BKI	Bering	1.24 133	eS	S	23 29 04.1	-0.1
BKI	Bering	1.24 133	eS	S	23 28 47.4	-0.7
BKI	Bering	1.24 133	eS	S	23 29 04.1	-0.1
BDR	Baidarnaya	1.85 287	eS	S	23 29 18.9	-1.0
ZLN	Zelenaya	2.02 270	eS	S	23 29 24.9	+0.8
BZGR	Bezmyanniy-Gr	2.06 268	eP	P	23 29 00.0	+0.2
KLY	Klyuchi	2.11 278	eS	S	23 29 26.5	+0.8
KLY	Klyuchi	2.11 278	eS	S	23 29 57.8	-2.3
KLY	Klyuchi	2.11 278	eS	S	23 29 57.8	-2.3
KLY	Klyuchi	2.11 278	eS	S	23 29 22.8	-3.6
MKZ	Mys Kozlova	2.15 226	eP	P	23 28 59.3	-1.3
MKZ	Mys Kozlova	2.15 226	eP	P	23 29 55.6	-1.7
MKZ	Mys Kozlova	2.15 226	eP	P	23 29 25.6	-1.7
BZMR	Bezmyannaya	2.20 268	eP	P	23 29 01.9	+0.6
KPT	Kopyto	2.35 269	eS	S	23 29 03.5	+0.1
KOZR	Kozyr	2.53 272	eS	S	23 29 32.6	+0.4
KOZR	Kozyrevsk	2.54 272	eS	S	23 29 37.8	+1.2
KOZR	Kozyrevsk	2.54 272	eS	S	23 29 06.6	+0.6
KOZR	Kozyrevsk	2.54 272	eS	S	23 29 37.8	+0.9
SRDR	Sredinnyy	2.63 277	eP	P	23 29 07.2	-0.1
SRDR	Sredinnyy	2.63 277	eP	P	23 30 07.5	-3.3
NLC	Nalytchevo	4.13 227	eP	P	23 29 28.3	+0.5
NLC	Nalytchevo	4.13 227	eP	P	23 30 15.6	-0.5
NLC	Nalytchevo	4.13 227	eP	P	23 29 28.3	+0.5
AVH	Avacha	4.32 232	eP	P	23 29 28.2	+1.7
GNL	Ganally	4.42 240	eP	P	23 29 30.1	+1.3
PET	Petropavlovsk	4.52 230	eP	P	23 29 35.5	+2.2
BUI	Bujumbura	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
IDC	IDC	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
ISCBJ	ISCBJ	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
NEIC	NEIC	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
MOS	MOS	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
KRSC	KRSC	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
GCMT	GCMT	164.30E, h10km, mb5.5/24, mb4.8/42, MS5.5/37, MS7.5/23				
PLCA	Paso Flores	141.75 90	PKP	PKPdf	23 27 23.2	+1.8
PLCA	Paso Flores	141.75 90	PKP	PKPdf	23 27 23.2	+1.8
PLCA	Paso Flores	141.75 90	PKP	PKPdf	23 27 23.2	+1.8
PLCA	Paso Flores	141.75 90	PKP	PKPdf	23 27 23.2	+1.8
MAW	Mawson	143.92 220	PKP	PKPdf	23 27 24.1	-0.3
MAW	Mawson	143.92 220	PKP	PKPdf	23 27 22.6	-1.7
MAW	Mawson	143.92 220	PKP	PKPdf	23 27 24.1	-0.3
MAW	Mawson	143.92 220	PKP	PKPdf	23 27 24.1	-0.3
LPA	La Plata	144.76 71	PKP	PKPdf	23 27 31.0	+4.6
TRQA	Torquay	144.76 71	PKP	PKPdf	23 27 25.6	-1.0
SUR	Sutherland	145.09 298	PKP	PKPdf	23 27 27.7	+0.6
SUR	Sutherland	145.09 298	PKP	PKPdf	23 27 27.5	+0.4
QSPA	South Pole Qui	146.06 180	PKP	PKPdf	23 27 27.4	-1.3
USHA	Ushuaia	150.90 109	PKP	PKPdf	23 27 41.5	-0.6

CSEM	CSEM	123:13:51.9,0.2,39:96N:38:63E, h15km, MD2.9, Error ellipse: s-maj=5.9km s-min=4.7km az=9.0				
ISCBJ	ISCBJ	123:13:52.6,0.6,39:97N:0:05:38:61E,0.04, h20km, 11km, Error ellipse: s-maj=8.0km s-min=5.6km az=1.7				
DDA	DDA	123:13:52.5,39:95N:38:59E, h7km, 2km, MD2.9				
ISC	ISC	123:13:52.4,0.6,39:96N:0:05:38:61E,0.04, h18km, 6km, n16, c07425, Turkey				
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	ISC
SUSE	Susehri	0.40 308	Op	Pg	23 14 00.6	-0.0
SUSE	Susehri	0.40 308	iS	Sg	23 14 06.6	+0.4
SUSE	Susehri	0.40 308	iP	Pg	23 14 00.6	0.0
SUSE	Susehri	0.40 308	iS	Sg	23 14 06.6	+0.4
KELT	Kelkit	0.53 69	iP	Pg	23 14 03.8	



C14A	baz=48	Swan Lake	48.34	63	↑P	P	23 58 34.4	-0.2
SWMT	baz=48	Swartz Lake	48.34	64	eP	P	23 58 34.4	-0.7
D13A	comp=Z,1.3nm,0.8s,mb4.9	Huson	48.43	65	↑P	P	23 58 35.2	-0.2
B15A	baz=48	Bradley Ranch,	48.56	62	↑P	P	23 58 35.3	-1.1
A16A	baz=48,SNR=7.5	West Butte Ran	48.60	61	↑P	P	23 58 35.3	-1.4
WDC	comp=Z,1.6nm,1.0s,mb5.0	Whiskeytown Da	48.67	76	eP	P	23 58 36.1	-1.2
WDC	comp=Z,1.6nm,1.0s,mb5.0	Whiskeytown Da	48.67	76	eP	Pmax	23 58 36.1	-1.2
CD2	comp=Z,2.0nm,1.2s,mb5.0	Chengdu	48.67	265	eP	P	23 58 36.6	-0.8
CD2					PP	PP	23 58 41.1	-1.5
CD2					SS	SS	00 00 30.3	0.0
CD2					sS	sS	00 05 36.9	-1.9
CD2					sS	sS	00 05 50.8	+3.5
CD2	comp=Z,2.0nm,1.2s,mb5.0				Pmax	Pmax		
CD2	comp=Z,60nm,5.2s				LR	LR		
CD2	comp=N,2um,14.3s				LR	LR		
CD2	comp=Z,4um,15.5s,MS5.5				LR	LR		
SLMT	baz=48	Seely Lake	48.82	64	eP	P	23 58 37.6	-0.8
MSO	comp=Z,1.5nm,0.9s,mb5.0	Missoula	48.87	64	↑P	P	23 58 38.6	-0.2
C15A	baz=49	Salmond Ranch,	48.90	63	↑P	P	23 58 38.8	-0.1
B16A	baz=49,SNR=9.3	M & M Farms, S	48.91	62	↑P	P	23 58 38.3	-0.7
J08A	baz=49,SNR=6.1	Circle Bar Ran	48.91	71	↑P	P	23 58 39.2	+0.1
D14A	baz=49	Greenough	48.92	64	↑P	P	23 58 38.7	-0.5
F12A	baz=49,SNR=9.2	Elk City	48.94	66	↑P	P	23 58 38.8	-0.5
MOD	baz=49,SNR=13	Modoc	48.95	73	eP	P	23 58 39.4	0.0
MK31	comp=Z,1.7nm,1.0s,mb5.0	Makanchi Arra	48.98	296	eP	P	23 58 38.3	-1.3
MK31	comp=Z,1.7nm,1.0s,mb5.0	Makanchi Arra	48.98	296	eP	Pmax	23 58 38.3	-1.3
MK31					Pmax	Pmax		
MKAR	comp=Z,3.8nm,0.8s,mb4.5,slow=6.7,SNR=26	Makanchi Arra	48.98	296	eP	P	23 58 38.4	-1.2
MKAR	comp=Z,3.8nm,0.8s,mb4.5,slow=6.7,SNR=26				LR	LR	00 20 30.9	
MKAR	comp=Z,873nm,19.8s,MS4.8,baz=40,slow=38	Makanchi Arra	48.98	296	eP	P	23 58 38.4	-1.2
MKAR	comp=Z,873nm,19.8s,MS4.8,baz=40,slow=38				Pmax	Pmax		
MKAR	comp=Z,4.0nm,0.9s				MLR	MLR		
E13A	comp=Z,873nm,19.8s	Victor	49.01	65	↑P	P	23 58 39.3	-0.6
A17A	baz=49	Triple J Farms	49.04	60	P	P	23 58 39.4	-0.7
FFC	baz=49,SNR=11	Flin Flon	49.13	50	eP	P	23 58 40.1	-0.5
FFC	comp=Z,7.7nm,0.9s,mb4.7	Flin Flon	49.13	50	iP	P	23 58 41.1	+0.5
CHMT	comp=Z,4.4nm,0.8s,mb4.5	Chamberlain Mo	49.16	64	eP	P	23 58 39.9	-1.1
G12A	baz=49	Big Creek, Yel	49.33	67	↑P	P	23 58 42.0	-0.3
E14A	baz=49	Clinton	49.38	65	↑P	P	23 58 42.5	-0.2
F13A	baz=49	Darby	49.39	66	↑P	P	23 58 42.5	-0.2
B17A	baz=49,SNR=7.1	L&G Farms, Che	49.44	61	↑P	P	23 58 42.9	-0.2
D15A	baz=49,SNR=8.4	Lincoln	49.44	63	↑P	P	23 58 42.6	-0.5
WVOR	baz=49	Wild Horse Val	49.47	72	eP	P	23 58 43.0	-0.3
WVOR	comp=Z,1.4nm,0.9s,mb5.0	Wild Horse Val	49.47	72	eP	Pmax	23 58 43.0	-0.3
WVOR	comp=Z,1.4nm,0.9s,mb5.0				Pmax	Pmax		
A18A	comp=Z,14nm,0.9s,mb5.0	Metzger Ranch,	49.47	60	↑P	P	23 58 42.5	-0.9
FCC	baz=49,SNR=5.6	Fort Churchill	49.52	42	eP	P	23 58 43.4	-0.2
FCC	comp=Z,0.6nm,0.8s	Fort Churchill	49.52	42	eP	P	23 58 45.6	-0.3
E15A	baz=50	Deer Lodge	49.80	64	↑P	P	23 58 45.4	-1.0
B18A	baz=50,SNR=9.9	Beardsley Farm	49.87	60	↑P	P	23 58 45.4	-1.0
C17A	baz=50,SNR=8.5	Wharram Farm	49.91	62	↑P	P	23 58 45.7	-0.9
G13A	baz=50,SNR=6.2	Cobalt	49.92	66	↑P	P	23 58 45.9	-0.8
D16A	baz=50,SNR=9.5	Dana Ranch, Ca	49.93	63	↑P	P	23 58 46.8	-0.1
H12A	baz=50	Diamond D Ranch	49.97	67	↑P	P	23 58 46.8	-0.4
A19A	baz=50	Klindworth Far	50.00	59	↑P	P	23 58 46.8	-0.6
HRY	baz=50	Holter Researc	50.01	63	eP	P	23 58 46.7	-0.8
EGMT	comp=Z,62nm,1.3s,mb5.5	Eagleton	50.13	61	↑P	P	23 58 47.9	-0.5
EGMT	baz=50	Eagleton	50.13	61	↑P	P	23 58 47.8	-0.6
E16A	comp=Z,25nm,1.3s,mb5.1	East Helena	50.21	63	↑P	P	23 58 48.9	-0.1
MFID	baz=50,SNR=14	Camas Ranch	50.26	69	↑P	P	23 58 49.2	-0.2
H13A	baz=50,SNR=5.7	Challis	50.27	67	↑P	P	23 58 48.5	-1.0
D17A	baz=50	Six Diamond Ra	50.27	62	↑P	P	23 58 48.5	-1.0
F15A	baz=50,SNR=9.2	Butte	50.28	64	↑P	P	23 58 47.9	-1.6
LRM	baz=50	Limekiln Ridge	50.32	64	eP	P	23 58 48.9	-0.9
BVAR	comp=Z,30nm,0.8s,mb5.4	Borovoye Array	50.34	308	P	P	23 58 49.4	-0.4
BVAR	comp=Z,18nm,0.7s,mb5.2,baz=52,slow=8.0,SNR=109				PP	PP	00 00 53.8	+8.9
BVAR	comp=Z,10nm,1.1s,baz=57,slow=8.8,SNR=3.7	Borovoye Array	50.34	308	P	P	23 58 49.4	-0.4
BVAR	comp=Z,10nm,1.1s,baz=57,slow=8.8,SNR=3.7				PP	PP	00 00 53.8	+8.9
BVAR					Pmax	Pmax		
I12A	comp=Z,1.8nm,0.7s	Atlanta	50.35	68	↑P	P	23 58 49.4	-0.7
BRVK	baz=50	Borovoye	50.36	309	eP	P	23 58 49.3	-0.7
BRVK	comp=Z,4.1nm,0.9s,mb5.5	Borovoye	50.36	309	eP	P	23 58 49.3	-0.7
BRVK	comp=Z,2.7nm,0.8s,mb5.3	Borovoye	50.36	309	iP	P	23 58 49.5	-0.5
BRVK	comp=Z,2.7nm,0.8s,mb5.3				Pmax	Pmax		
BRVK	comp=Z,2.7nm,0.8s,mb5.3				MLR	MLR		
BRVK	comp=Z,2.7nm,0.8s,mb5.3				MLR	MLR		
BRVK	comp=Z,2.7nm,0.8s,mb5.3				MLR	MLR		
A20A	comp=Z,2.2nm,0.5s,SNR=5.3	Cobblestone Ra	50.42	59	↑P	P	23 58 49.8	-0.8
GYA	baz=50	Guiyang	50.51	259	↑iP	P	23 58 52.0	+0.5
GYA	comp=Z,2.2nm,1.1s,mb5.3				PP	PP	00 00 48.9	+1.8
GYA	comp=Z,2.2nm,1.1s,mb5.3				ScP	ScP	00 04 04.3	0.0
GYA	comp=Z,2.2nm,1.1s,mb5.3				S	S	00 06 04.1	-0.6
GYA	comp=Z,2.2nm,1.1s,mb5.3				SS	SS	00 09 34.5	-3.9
GYA	comp=Z,2.2nm,1.1s,mb5.0				Pmax	Pmax		
GYA	comp=Z,130nm,5.0s				LR	LR		
GYA	comp=N,560nm,18.9s,MS4.7				LR	LR		
GYA	comp=E,450nm,19.0s,MS4.7				LR	LR		
SUMG	comp=Z,580nm,19.1s,MS4.6	Summit	50.53	9	eP	P	23 58 50.0	-1.1
SUMG	comp=Z,4.2nm,1.1s,mb5.3	Summit	50.53	9	iP	P	23 58 51.2	+0.2
DLMT	comp=Z,1.9nm,1.0s,mb5.0	Dillon	50.56	65	eP	P	23 58 50.6	-1.0
KEV	comp=Z,30nm,1.4s,mb5.0	Kevo	50.59	342	eP	P	23 58 52.1	+0.6
KEV	comp=Z,30nm,1.4s,mb5.0				Pmax	Pmax		
KEV	comp=Z,3.0nm,0.6s,mb4.4	Kevo	50.59	342	eP	P	23 58 52.1	+0.6
E17A	comp=Z,3.1nm,0.6s,mb4.4	Martinsdale	50.67	63	↑P	P	23 58 52.3	-0.2

C19A	baz=50,SNR=11	Slack Wire Ran	50.68	61	↑P	P	23 58 52.3	-0.1
D18A	baz=50,SNR=8.7	Linhart Farms,	50.68	62	↑P	P	23 58 52.9	+0.3
H14A	baz=50	Leadore	50.69	66	↑P	P	23 58 52.4	-0.3
LVZ	baz=50	Lovozero	50.72	338	iP	P	23 58 51.3	-1.3
LVZ	comp=Z,17nm,1.7s,mb4.7				Pmax	Pmax		
G15A	comp=Z,1.7um,21.0s,MS5.0	Dillon	50.75	65	↑P	P	23 58 52.3	-0.8
I13A	baz=50,SNR=12	Wildhorse Cree	50.80	67	↑P	P	23 58 53.2	-0.3
MCMT	baz=51,SNR=11	McKenzie Canyo	50.81	66	eP	P	23 58 52.5	-1.0
BOZ	comp=Z,2.2nm,0.8s,mb4.4	Bozeman (W)	50.85	64	↑P	P	23 58 54.0	+0.2
BOZ	baz=51,SNR=5.6	Bozeman (W)	50.85	64	eP	P	23 58 53.3	-0.5
BOZ	comp=Z,4.5nm,0.7s,mb4.5	Bozeman (W)	50.85	64	eP	P	23 58 53.3	-0.5
BOZ	comp=Z,4.5nm,0.7s,mb4.5				Pmax	Pmax		
HLID	comp=Z,4.0nm,0.7s,mb4.5	Hailey	50.89	68	↑P	P	23 58 53.8	-0.4
HLID	baz=51	Hailey	50.89	68	eP	P	23 58 53.5	-0.6
PAHR	comp=Z,4.9nm,0.8s,mb4.5	Pah Rah Range	50.99	75	eP	P	23 58 53.9	-1.1
ARCES	comp=Z,6.8nm,0.6s,mb4.8	ARCCESS Array B	51.04	343	P	P	23 58 54.2	-0.7
ARCES	comp=Z,5.0nm,0.8s,mb4.5,baz=17,slow=8.9,SNR=15				LR	LR	00 22 04.2	
ARCES	comp=Z,1.1um,19.1s,MS4.9,baz=351,slow=38	ARCCESS Array B	51.04	343	P	P	23 58 54.2	-0.7
ARCES	comp=Z,1.1um,19.1s,MS4.9,baz=351,slow=38				LR	LR	00 22 04.2	
ARCES	comp=Z,5.0nm,0.8s	ARCCESS Array B	51.04	343	P	P	23 58 54.2	-0.7
ARCES	comp=Z,5.0nm,0.8s				Pmax	Pmax		
ARCES	comp=Z,1.1um,19.1s				MLR	MLR		
AREO	comp=Z,1.1um,19.1s	AREO ARCESS Arr	51.04	343	eP	P	23 58 54.0	-0.9
SOKR	comp=Z,1.1um,19.1s	SOKR Solikamsk	51.05	321	iP	P	23 58 55.2	+0.1
SOKR	comp=Z,1.1um,19.1s				Pmax	Pmax		
G16A	comp=Z,30nm,0.9s,mb5.2	Moss Hill, Ent	51.05	65	↑P	P	23 58 55.3	-0.1
H15A	baz=51,SNR=12	Lima	51.06	66	↑P	P	23 58 55.0	-0.4
E18A	baz=51	Harlowton	51.06	62	↑P	P	23 58 55.4	0.0
WCN	baz=51,SNR=10	Washoe City	51.08	75	↑P	P	23 58 55.1	-0.6
WCN	baz=51	Washoe City	51.08	75	↑P	P	23 58 54.9	-0.7
WCN	comp=Z,2.2nm,0.9s,mb4.7	Washoe City	51.08	75	eP	P	23 58 54.9	-0.8
WCN	comp=Z,2.2nm,0.9s,mb4.7				Pmax	Pmax		
I14A	comp=Z,12nm,0.9s,mb4.8	MacKay	51.13	67	↑P	P	23 58 55.7	-0.2
J13A	comp=Z,1.1um,19.1s	Cove Ranch, Pi	51.13	68	↑P	P	23 58 55.8	-0.2
D19A	baz=51	Cripps Ranch,	51.15	61	↑P	P	23 58 55.2	-0.9
F17A	comp=Z,1.1um,19.1s	Fitzpatrick Pi	51.16	63	↑P	P	23 58 54.9	-1.3
C20A	baz=51	Veseth Ranch,	51.20	60	↑P	P	23 58 56.1	-0.3
APA	baz=51,SNR=6.8	Apacity	51.26	338	eP	P	23 59 04.2	+7.6
APA	comp=Z,10.0nm,1.0s,mb4.7				Pmax	Pmax		
J14A	comp=Z,2.2um,18.0s,MS5.3	Carey	51.52	67	↑P	P	23 58 59.1	+0.2
G17A	baz=51,SNR=7.2	Pierce Place,	51.53	64	↑P	P	23 58 59.8	+0.9
C21A	baz=51	Desert Coulee	51.56	59	↑P	P	23 58 59.2	+0.1
D20A	baz=51	Manuel Ranch,	51.57	61	↑P	P	23 58 59.6	+0.4
F18A	baz=51	Big Timber	51.63	63	↑P	P	23 58 59.0	+0.4
SVE	baz=51,SNR=7.5	Sverdlovsk	51.64	317	eP	P	23 58 59.9	+0.3
SVE	comp=Z,45nm,1.1s,mb5.3				Pmax	Pmax		
SVE	comp=Z,45nm,1.1s,mb5.3				MLR	MLR		
CMB	comp=Z,2.2um,16.0s,MS5.3	Columbia Colle	51.65	77	eP	P	23 58 59.6	-0.3
CMB	comp=Z,4.9nm,0.7s,mb4.5	Columbia Colle	51.65	77	eP	P	23 58 59.6	-0.4
CMB	comp=Z,4.9nm,0.7s,mb4.5				Pmax	Pmax		
E19A	comp=Z,5.0nm,0.7s,mb4.5	Rath Farm, Rou	51.69	62	↑P	P	23 59 00.1	-0.1
H16A	baz=51							

Table with columns: AAK, ALA-ARCHA, SNR, 58.84, 297, P, 23 59 30.5, 0.0. Includes entries like AAK, ALA-ARCHA, SNR=16, 58.84 297 P, 23 59 30.5 0.0.

Table with columns: FINES, MLR, MLR, comp=Z, 2.1um, 18.4s, 58.17, 64, P, 23 59 47.8, +0.7. Includes entries like Q24A Longmont, 58.17 64 P, 23 59 47.8 +0.7.

Table with columns: VRHR, Novokhopersk, 63.01, 323, eP, P, 00 00 18.0, -1.9. Includes entries like VRHR, Novokhopersk, 63.01 323 eP, P, 00 00 18.0 -1.9.









Table of astronomical observations for 13d Oh, listing objects like BRVK Borovoye, IMON Tiksi, IAKL Akhmedal, etc., with columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for MCK McKinley, KIV Kislovodsk, PRGR Permogore, etc., with columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for BZS Buzias, YKA Yellowknife Ar, YKA Yellowknife Ar, etc., with columns for object name, coordinates, magnitude, and other parameters.

Table with columns: Station ID, Name, Time, Az, El, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station ID, Name, Time, Az, El, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station ID, Name, Time, Az, El, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

ISCJB 13:00:17.12:8.0,3,46:03N:0.0:17:42E:0.03,h10km,Error ellipse: s-maj=2.9km s-min=2.1km az=168.4 CSEM 13:00:17.12:8.0,3,46:03N:0.0:17:42E:0.03,h15km,MLL2.3/20,Error ellipse: s-maj=3.1km s-min=2.1km az=82.0

13d 0h

ROM 13 00:17.14.0.0.2.46.00N-7.50E, h1km,2km, Md2.1/8, M1.8/2, Error ellipse: s-maj=2.9km s-min=1.9km az=170.0, ZUR 13 00:17.14.5.45.98N-7.50E, h2km,2km, ML1.4/6, LDG 13 00:17.14.3.0.1.46.01N-7.51E, h6km, Md2.6/2, ML2.3/14, Error ellipse: s-maj=1.5km s-min=0.9km az=88.0, ISC 13 00:17.13.7.0.4.46.01N.0.01x7.48E.0.03, h17km,4km, n64, c0586/113, 1C-4D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like DIX, MMK, GRYON, SALAN, etc.

2008 SEP

LOR LORmes 2.80 298 ePg Pg 00 18 06.2 -1.1 00 18 42.8 -0.7 AVF AVF Avril sur Loir 2.96 287 ePg Pn 00 18 03.7 +3.8 00 18 48.1 -0.8 AVF AVF Avril sur Loir 2.96 287 ePg Pn 00 18 03.7 +3.8 00 18 48.1 -0.8

ISCJJB 13 00:24:38.8.0.3.45.98N.0.02x7.50E.0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.3km az=6.3 ROM 13 00:24:38.7.0.2.46.01N-7.51E, h1km,2km, Md2.2/8, M1.8/2, Error ellipse: s-maj=3.0km s-min=2.1km az=172.0 CSEM 13 00:24:39.4.0.2.45.97N-7.50E, h2km, ML2.3/16, Error ellipse: s-maj=3.2km s-min=2.3km az=93.0 ZUR 13 00:24:39.8.45.98N-7.50E, h1km,2km, ML1.5/7 LDG 13 00:24:39.5.0.1.45.98N-7.52E, h2km, Md2.5/3, ML2.4/10, Error ellipse: s-maj=1.3km s-min=0.7km az=105.0, ISC 13 00:24:39.5.0.3.45.99N.0.01x7.49E.0.03, h10km, n69, r1500/110, 2C-6D, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like DIX, MMK, GRYON, SALAN, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like CDF, FRF, LOR, etc.

KRSC 13 00:42:56.3.0.5.56.14N-16.44E, h17km,17km, ML3.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like KBTR, Bering, etc.

ISK 13 00:42:52.7.39.43N-33.04E, h5km, MD3.0 DDA 13 00:42:53.5.39.38N-33.05E, h7km,3km, Md2.8 ISCJJB 13 00:42:54.6.0.6.39.42N.0.03x33.03E.0.05, h10km, Error ellipse: s-maj=5.2km s-min=4.5km az=4.2 CSEM 13 00:42:54.2.0.2.39.41N-33.06E, h2km, MD3.0, Error ellipse: s-maj=3.9km s-min=3.6km az=104.0 ISC 13 00:42:54.3.0.7.39.40N.0.03x33.05E.0.05, h2km,9km, n22, c0571/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like AFSR, BBAL, etc.

ISCJJB 13 00:51:45.7.0.4.45.10N-16.77E.0.03, h10km, Error ellipse: s-maj=4.1km s-min=2.5km az=33.8 BEO 13 00:51:45.5.0.6.45.05N-16.66E, h4km,4km, ML2.5/6 CSEM 13 00:51:46.0.0.2.45.08N-16.74E, h5km, ML3.2/4, Error ellipse: s-maj=5.4km s-min=1.1km az=37.0 VIE 13 00:51:47.0.1.0.45.24N-16.75E, h10km, mb2.1/4, ML2.3/5, Error ellipse: s-maj=11.5km s-min=5.9km az=29.0 86 km SE of Zagreb

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like BLY, SISC, etc.



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

ISCJB 13 01:14:14.9-0.4,50.48N-0.02-4.43E,0.02,h2km,2km, Error ellipse: s-maj=3.1km s-min=2.4km az=153.5

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations and their coordinates.

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

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

ISK 13 01:14:48.7,38.64N-27.76E,h14km,MD2.8 ISCJB 13 01:14:50.6-0.5,38.67N-0.03-2.77E,0.04,h10km, Error ellipse: s-maj=5.5km s-min=3.2km az=44.2



Table with columns: URLA, IZMIR, 0.95 251, p, Pg, 01 15 08.5, -0.2, etc.

IDC 13 01:35:16.4±1.1, 2:51'S:142:26'E, h0km, mb4.0/8, mb1 4.2/9, mb1mx4.0/16, mbtm4.0/9, ML4.0/1, Error ellipse: s-maj=40.6km s-min=18.6km az=94.0

ISCJCB 13 01:35:20.2±0.9, 2:58'S:0.7±1.42'E:0.2, h33km, mb4.1/12, Error ellipse: s-maj=27.4km s-min=10.3km az=5.4

NEIC 13 01:35:22.5±0.6, 2:53'S:141:98'E, h35km, mb4.4/3, Error ellipse: s-maj=19.9km s-min=9.6km az=94.0

ISC 13 01:35:22.7±0.8, 2:57'S:0.07±142.0E:0.2, h35km, n20, c094/17, mb4.1/12, Near north coast of New Guinea

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

IDC 13 01:41:46.4±2.9, 3:07'02"N:69:91'E, h0km, mb3.7/2, mb1 3.8/7, mb1mx3.5/26, mbtm3.7/7, ML3.7/4, Error ellipse: s-maj=47.2km s-min=23.2km az=148.0

NEIC 13 01:41:50.7±0.7, 3:07'49"N:69:57'E, h10km, Error ellipse: s-maj=14.0km s-min=9.9km az=101.0

NMC 13 01:41:54.5±0.3, 3:07'86"N:69:37'E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=22.9km s-min=20.5km az=154.0

ISC 13 01:41:54.1±2.3, 3:07'45"N:0.04±69:13E:0.08, h34km, 21km, n29, c114/36, 6C-3D, Afghanistan-Tajikistan border region

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

IDC 13 01:49:56.5±0.8, 2:51'S:142:09'E, h0km, mb4.1/10, mb1 4.3/12, mb1mx4.3/18, mbtm4.2/12, ML4.6/2, MS3.7/4, Ms1 3.7/4, ms1mx3.2/19, Error ellipse: s-maj=24.6km s-min=9.6km az=101.0

ISCJCB 13 01:50:01.1±0.6, 2:51'S:0.06±141:8E:0.1, h33km, mb4.3/17, MS3.7/2, Error ellipse: s-maj=16.6km s-min=7.9km az=171.7

NEIC 13 01:50:03.4±3.5, 2:49'S:142:03'E, h47km, 33km, mb4.6/7, Error ellipse: s-maj=16.6km s-min=13.5km az=217.0

ISC 13 01:50:03.4±0.6, 2:53'S:0.05±141:8E:0.1, h35km, n35, c092/4, mb4.3/17, MS3.7/2, Near north coast of New Guinea

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

DJA 13 02:08:01.2±3.4S:100:67'E, h35km, MLV3.7/4

ISCJCB 13 02:08:02.8±1.0, 2:26'S:0.06±100:58E:0.09, h33km, mb3.3/3, Error ellipse: s-maj=13.3km s-min=8.9km az=169.4

IDC 13 02:08:04.9±5.7, 0:86'S:102:25'E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/18, mbtm3.3/3, Error ellipse: s-maj=32.9km s-min=27.0km az=53.0

ISC 13 02:08:04.3±1.0, 2:21'S:0.06±100:57E:0.09, h35km, n9, c082/11, mb3.3/3, Southern Sumatra

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

NEIC 13 02:13:35.5, 16:73"N:94:09'W, h126km, MD3.9(MEX), After MEX

MEX 13 02:13:35.5±0.6, 16:73"N:94:09'W, h126km, 12km, MD3.9, Oaxaca

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

NEIC 13 02:16:42.5±0.7, 2:47'S:141:95'E, h35km, mb4.2/3, Error ellipse: s-maj=25.0km s-min=11.5km az=89.0

ISC 13 02:16:42.9±0.8, 2:50'S:0.09±141:9E:0.2, h35km, n13, c091/11, mb4.0/9, MS3.4/2, Near north coast of New Guinea

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

IDC 13 02:19:21.5±1.6, 2:35'S:141:97'E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.5/15, mbtm3.5/4, Error ellipse: s-maj=56.7km s-min=26.9km az=102.0, Near north coast of New Guinea

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

IDC 13 02:29:00.9±1.3, 2:45'S:142:24'E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.8/16, mbtm3.9/6, ML3.8/1, MS3.4/3, Ms1 3.4/3, ms1mx2.8/21, Error ellipse: s-maj=53.2km s-min=21.0km az=105.0

ISCJCB 13 02:29:05.1±1.0, 2:49'S:0.09±142:0E:0.3, h33km, mb3.9/7, Error ellipse: s-maj=36.1km s-min=12.0km az=6.8

NEIC 13 02:29:07.0±0.7, 2:46'S:141:98'E, h35km, mb4.1/2, Error ellipse: s-maj=26.1km s-min=11.8km az=95.0

ISC 13 02:29:07.1±0.9, 2:50'S:0.09±142:0E:0.2, h35km, n14, c098/10, mb3.9/7, Near north coast of New Guinea

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

LDG 13 02:52:09.4±0.4, 44:52'N:17:35'E, h10km, ML3.1/2, Error ellipse: s-maj=10.6km s-min=3.1km az=148.0

BEO 13 02:52:09.2±0.8, 44:51'N:17:12'E, h3km, 3km, ML3.1/9, ISCJCB 13 02:52:11.0±0.4, 44:52'N:17:24'E:0.03, h15km, 2km, Error ellipse: s-maj=3.4km s-min=2.3km az=153.3

NEIC 13 02:52:11.0, 44:50'N:17:24'E, h17km, ML2.9(PDG), After PDG

PDG 13 02:52:11.0±0.4, 44:50'N:17:24'E, h17km, 2km, ML2.9/10, Error ellipse: s-maj=1.1km s-min=2.0km az=0.0

CSEM 13 02:52:11.0±0.1, 44:58'N:17:19'E, h10km, ML3.1, Error ellipse: s-maj=3.4km s-min=2.4km az=67.0

PRU 13 02:52:11.8, 44:67'N:17:46'E, h0km

VIE 13 02:52:13.4±1.1, 44:54'N:16:53'E, h10km, mb2.6/4, ML2.7/4, Error ellipse: s-maj=12.0km s-min=7.1km az=62.0

ROM 13 02:52:16.9±1.4, 44:20'N:16:71'E, h10km, ML2.5/1, Error ellipse: s-maj=23.6km s-min=9.2km az=57.0

ISC 13 02:52:11.5±0.5, 44:58'N:0.02±17:18E:0.03, h12km, 3km, n130, c118/209, 3C-10D, Northwestern Balkan Peninsula

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



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR, ILAR, JOF, KEV, BR13, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like OBN, ILAR, JOF, KEV, BR13, etc.

NEIC 13 02:58:37.0±1.3, 24.00N, 121.59E, h10km, ML3.8(TAP), Error ellipse: s-maj=20.2km s-min=6.8km az=104.0

NEIC Recorded [4 TAP] in Hua-lien and [1 TAP] in I-lan and Nan-tou.

TAP 13 02:58:36.8, 23.99N, 121.60E, h7km, ML3.4, h5km, 6km, 13d, 0.0775, 2C-2D, Taiwan

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like HWA, TWD, ESF, NACB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like TCU, CHKT, NSY, CHN5, etc.

CSEM 13 03:01:53.3, 38.59N, 29.81W, h5km, ML2.7, After PDA PDA 13 03:01:53.3-0.8, 38.59N, 29.81W, h5km, ML2.7, Error ellipse: s-maj=17.9km s-min=8.0km az=93.5

Azores Islands

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like CALA, CALA, CALA, etc.

NNC 13 03:17:26.8, 9.9, 37.15N, 71.20E, h0km, mb3.7, mpv3.5, 2C-2D, Error ellipse: s-maj=110.0km s-min=76.0km az=67.0, Afghanistan-Tajikistan border region

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like KK31, TKM2, AB31, etc.

IDC 13 03:27:29.3±1.3, 38.35N, 110.01E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/22, mbtmp3.5/6, ML3.0/1, Error ellipse: s-maj=45.7km s-min=19.3km az=62.0, Western Nei Mongol

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SONM, MKAR, CMAR, etc.

ISCJB 13 03:29:13.0±0.7, 44.3S, 0.2-39.1E, 0.3, h10km, mb4.0/7, MS4.0/19, Error ellipse: s-maj=34.1km s-min=13.2km az=143.6

IDC 13 03:29:13.1±0.8, 44.23S, 39.19E, h0km, mb4.1/7, mb1 4.2/8, mb1mx4.1/16, mbtmp4.1/8, ML3.6/1, MS4.0/21, Ms1 4.0/21, ms1mx4.0/25, Error ellipse: s-maj=35.9km s-min=19.8km az=41.0

NEIC 13 03:29:14.7±0.4, 44.25S, 39.18E, h10km, mb4.4/1, Error ellipse: s-maj=22.0km s-min=10.4km az=45.0

ISC 13 03:29:14.6±0.7, 44.23S, 39.19E, 0.3, h10km, n46, c08712, mb4.0/7, MS4.0/19, Prince Edward Islands region

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SUR, BOSA, BOSA, etc.



ellipse: s-maj=3.5km s-min=2.9km az=135.0
DDA 13 07:02:30.4, 39.44N, 33.10E, h14km, 1km, Md3.5
ISC 13 06:02:30.8-0.5, 39.43N, 0.02-33.07E, 0.03, h4km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFSR, BBAL, KAMT, etc. with their respective coordinates and parameters.

ellipse: s-maj=4.0km s-min=3.0km az=91.0
THE 13 07:03:43.9, 39.99N, 23.73E, h15km, ML2.3/9, Error
ellipse: s-maj=1.0km s-min=0.6km az=264.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PAIG, PAIG, OUR, etc. with their respective coordinates and parameters.

KULA Kula-Manisa 1.61 342 ePN Pn 07 08 16.3 -0.2
KULA Kula-Manisa 1.61 342 ePN Pn 07 08 16.3 -0.2
GAZI Gazipasa 2.54 106 iP Pn 07 08 30.8 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GAZI, HADM, KONT, etc. with their respective coordinates and parameters.

IDC 13 07:17:55.6, 0.9, 3:43S, 135:46E, h0km, mb4.1/3,
mb1 4.3/5, mb1mx3.9/15, mbtmp4.2/5, ML4.1/2, MS3.0/2,
Ms1 3.0/2, Ms1mx2.6/24, Error ellipse: s-maj=47.7km

ISCJB 13 07:17:57.6, 3.9, 3:71S, 0:08, 135:6E, 0:1, h25km, 28km,
mb4.3/4, Error ellipse: s-maj=20.5km s-min=13.0km
az=17.0

NEIC 13 07:18:00.6, 0.8, 3:51S, 135:54E, h35km, mb4.2/3, Error
ellipse: s-maj=18.8km s-min=13.9km az=75.0

ISC 13 07:18:02.2, 8, 3:75S, 0:1, 135:6E, 0:1, h50km, 29km, n19,
e1942/15, mb4.3/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KAKA, COEN, WB2, etc. with their respective coordinates and parameters.

JMA 13 07:05:49.1, 0.1, 39:64N, 144:05E, h54km, M3.5, Off east
coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JTH, JTH, MIJY, etc. with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MKAR, ZALV, ARCES, etc. with their respective coordinates and parameters.

GUC 13 07:18:39.2, 0.8, 23:23S, 70:82W, h46km, 5km, MD4.3,
ML4.2, 2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MECH, ANCH, TOCH, etc. with their respective coordinates and parameters.

IDC 13 06:38:42.2, 2.2, 5, 0:08N, 98:60E, h0km, mb3.6/5, mb1 3.6/6,
mb1mx3.5/19, mbtmp3.5/6, ML3.3/1, Error ellipse:
s-maj=76.6km s-min=21.0km az=65.0

DJA 13 06:38:48.0, 0:37N, 98:45E, h15km, MLV4/4
ISCJB 13 06:38:50.5, 2.2, 0:4N, 0:1, 98:6E, 0:2, h77km, 15km,
mb3.5/5, Error ellipse: s-maj=37.0km s-min=13.3km
az=153.4

ISC 13 06:38:51.0, 2.0, 0:3N, 0:1, 98:6E, 0:2, h66km, 15km, n10,
e120/11, mb3.5/5, Northern Sumatara

ISCJB 13 07:07:47.0, 0.6, 36:99N, 0:03, 29:30E, 0:03, h2km, 6km,
Error ellipse: s-maj=5.1km s-min=4.1km az=158.0
ISK 13 07:07:46.3, 36:97N, 29:29E, h5km, MD3.0

DDA 13 07:07:47.8, 37:01N, 29:32E, h7km, 7km, Md3.1
CSEM 13 07:07:47.1, 0.2, 36:98N, 29:30E, h5km, MD3.1, Error
ellipse: s-maj=1.6km s-min=3.7km az=4.0

ISC 13 07:07:47.5, 0.5, 36:99N, 0:03, 29:30E, 0:03, h6km, 5km,
n45, e1503/58, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GOLH, GOLH, FETH, etc. with their respective coordinates and parameters.

IDC 13 07:32:08.6, 0.4, 21:26S, 168:01E, h0km, mb5.1/24,
mb1 5.2/26, mb1mx5.1/26, mbtmp5.1/26, MS4.2/11,
Ms1 4.2/11, ms1mx3.9/28, Error ellipse: s-maj=14.7km
s-min=13.2km az=109.0

NOU 13 07:32:08.6, 1.4, 21:06S, 168:07E, h10km, MD3.0, ML4.4
SZGRF 13 07:32:12.1, 21:95S, 168:01E, h39km, Loyalty Islands
MOS 13 07:32:13.1, 1.2, 21:22S, 167:38E, h39km, mb5.3/9, Error
ellipse: s-maj=9.6km s-min=8.3km az=124.4

ISCJB 13 07:32:13.9, 0.9, 21:30S, 0:04, 167:83E, 0:03, h44km, 8km,
mb5.3/14, MS4.5/21, Error ellipse: s-maj=6.9km
s-min=4.8km az=5.7

NEIC 13 07:32:14.3, 0.1, 21:23S, 167:93E, h35km, mb5.3/62, Error
ellipse: s-maj=4.8km s-min=4.8km az=168.0

GCMT 13 07:32:15.3, 0.2, 21:21S, 167:89E, h15km, MW5.1,
Moment Tensor Solution, s57, c81, s91, c146; Moment
tensor: Scale 10^19Nm; Mr=5.73e-17; Mw=0.70e-11;
Mw=0.03e-13; Mw=1.09e-38; Mw=1.77e-08; Mw=0.75e-33;
Best double couple: M=5.80e00, 10E, NP 135, 168, 000, 0,
540, 000, 0, -79, 000, 0, NP2=333, 000, 0, 851, 000, 0,
-1, 99, 000, 0; Principal axes: T: 5.7200, P: 0.5000,
Az=70.0000; N: 0.2000, P: 0.0000; Azm=339.0000; P
-5.9300, P: 0.0000, Azm=196.0000; Data Used: II IU G
CNIC.

BUI 13 07:32:17.7, 20:53S, 167:91E, h54km, mb5.2/27, mb5.1/40,
Ms5.2/23, Ms7.4/8/20

DJA 13 07:32:23.2, 48S, 167:67E, h104km, mb5.4/33
ISC 13 07:32:15.3, 0.8, 21:30S, 0:04, 167:87E, 0:03, h42km, 7km,
h45km, 3km, pP-P, n547, e097/330, mb5.3/14, MS4.5/21,
51C-75D, Lokayipnash

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BAYA, DZM, NOUC, etc. with their respective coordinates and parameters.

MNSI Mandailing Nat 1.11 65 Op ISC Pn 06 39 09.5 +1.2
MNSI Mandailing Nat 1.11 65 P S Pn 06 39 25.8 +0.4

PBI Sibolga 1.26 14 P Pn 06 39 12.7 0.0
PPI Padang Panjang 1.98 113 P Pn 06 39 23.8 +1.5

PDSI Padang 2.25 123 P Pn 06 39 26.7 +0.8
PSI Prapat 2.49 8 Pn 06 39 27.7 -1.6

WRA Warramunga Arr 40.41 122 P P 06 46 20.7 -2.3
ASAR Alice Springs 47.71 127 P P 06 46 33.0 -1.1

KSRS Korea Array 45.81 33 P P 06 47 06.7 +0.4
SONM Songoing Array 47.81 7 P P 06 47 23.1 +1.3

MKAR Makanchi Array 48.43 345 P P 06 47 27.8 +1.3
IDC 13 06:55:59.8, 2.0, 30:01N, 69:85E, h0km, mb3.5/5,
mb1 3.6/7, mb1mx3.4/27, mbtmp3.5/7, ML3.2/2, Error
ellipse: s-maj=56.1km s-min=28.7km az=69.0

ISCJB 13 06:56:05.2, 1.6, 30:3N, 0:1, 70:5E, 0:3, h33km, mb3.4/5,
Error ellipse: s-maj=36.1km s-min=21.5km az=176.3

ISC 13 06:56:06.6, 1.6, 30:2N, 0:1, 70:3E, 0:3, h35km, n8, e1514/9,
mb3.4/5, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KSH, KSH, KSH, etc. with their respective coordinates and parameters.

AAK Ala-Archon 12.82 14 Pn Pn 06 59 07.1 +0.8
MKAR Makanchi Array 18.27 26 P P 07 00 26.3 +0.7

AVTO Aktyubinsk 22.19 339 P P 07 00 59.4 -0.1
BKAR Borovoye Array 22.77 0 P P 07 01 06.5 +0.8

SONM Songoing Array 32.71 47 P P 07 02 39.0 +3.5
ILAR Eielson Array 80.96 15 P P 07 08 15.6 -1.5

ASAR Alice Springs 81.20 124 P P 07 08 19.3 +0.4
ISCJB 13 07:03:43.8, 0.5, 39:98N, 0:02, 23:74E, 0:04, h13km, 4km,
Error ellipse: s-maj=5.1km s-min=3.5km az=7.6

CSEM 13 07:03:43.8, 0.2, 39:99N, 23:73E, h15km, ML2.3/9, Error

Table with columns for station name, frequency, and signal strength. Includes stations like Nonsavu, Honiara, Urewera, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Jajag, Lahad Datu, Tawau, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Habr, Chng, Kungming, etc.





Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CLZ, SIVA, ATHU, SOP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KLY, KRSR, BZMR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SLW, SLPE, SLBE, etc.

ISCJB 13 07:58:22.1, 0.6, 56:27N, 0106:164.51E, h0km, h10km, mb3.4/5, Error ellipse: s-maj=8.4km s-min=4.0km az=11.6

TRN 13 07:52:25.9, 13:84N-60:46W, h18km, MD3.5, M3.7(FDF), 2C-7D, Windward Islands

ISC 13 07:58:02.3, 1.4, 2:34S: 0139:07E, 0.04, h35km, 10km, h34km, 3km, p-P, n178, c097/184, mb4.8/77, MS4.2/21, 9C-2D, Near north coast of Irian Jaya

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, MYLDM, KBKI, MTNI, KKM, etc.

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

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

CSEM 13 08:00:01.0, 43:38N-45:98E, h11km, mb3.9, After OBN
MOS 13 08:00:01.0, 43:38N-45:98E, h11km, mb3.9, 1S-1D,
Error ellipse: s-maj=17.0km s-min=9.0km az=3.9,

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







Table with columns for station ID, name, frequency, and other technical details. Includes stations like Cedar Bluff, Tequesquite Ra, W25A, 122A, Y23A, GLMI, PKME, 320A, Z22A, V25A, RCBR, W24A, X23A, BNM, BNM, BNM, Y22A, LPM, Y22D, Z21A, 319A, LENM, W23A, ANMO, ANMO, 120A, X20A, LAZ, LAZ, 219A, Y21A, Z20A, Z20A, 318A, X21A, CAM4, CAM4, CAM4, CAM4, CAM4, 119A, Y20A, Y20A, 218A, U23A, P01, P01, Z19A, V22A, 118A, S24A, X20A, X20A, T23A, 217A, Y19A, SDCO, SDCO, COWI, COWI, TUC, TUC, W20A, 117A, S23A, X19A, ECSD, OGNE, Y18A, U21A, 216A, V20A, T21A, W19A, X18A, Y19A, Y17A, U20A, W18A, R22A, Z16A, X17A, P23A, S21A, U19A, N25A, 115A, 115A.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like Organ Pipe Nat, V18A, ISCO, ISCO, Y16A, T19A, Q22A, SMCO, SMCO, Q21A, P22A, V17A, R20A, PV01, PV01, S19A, W16A, M24A, O22A, Z14A, T18A, X15A, EYMN, EYMN, PHWY, Q20A, PV04, PV04, U17A, S18A, 113A, Y14A, R19A, Z13A, S18A, W15A, X14A, T17A, O21A, P20A, PLCA, PLCA, PLCA, P01, P01, Q19A, V15A, R18A, Y17A, S17A, O20A, P19A, W14A, U15A, GLA, GLA, GLA, GLA, GLA, X13A, V14A, R17A, PDMCI, Y12C, Q18A, RWY, RWY, N20A, M21A, S16A, RSSD, RSSD, RSSD, RSSD, O19A, W13A, T15A, SRU, SRU, SRU, SRU, SRU.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like Rawlins, K22A, AGMN, AGMN, AGMN, R16A, U14A, P18A, M20A, S15A, BC3, N19A, DVTC, IRM, P17A, V13A, O18A, T14A, TMUT, TMUT, R15A, J22A, L20A, W5utter, N18A, MSU, MSU, MSU, MSU, MSU, U13A, MONP, M19A, W12A, BAR, BAR, BAR, BAR, LDFC, O17A, S14A, BELC, CCUT, CCUT, CCUT, CCUT, V12A, V12A, P16A, GMRC, J21A, K20A, PFO, PFO, PFO, PFO, PFO, ARUT, ARUT, ARUT, ARUT, U12A, Q15A, R14A, R14A, M18A, 109C, L19A, MPU, MPU, S13A, DAU, DAU, DAU, DAU, DAU, DAU, N17A, P15A, J20A, V11A, K19A, NLU, NLU, NLU, JLU, JLU, L18A, HEC, TUQ, SHPR, SHPR, SHPR, M17A, MURC.









Table with multiple columns containing flight data including airline codes (e.g., VOY, PRA, MOA), destinations (e.g., Prague, Bornholm Skovb), flight numbers, times, and status indicators. The table is organized into several vertical sections.







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Table with columns for station code, name, frequency, and signal strength. Includes stations like NKL, JRSR, JTM, JANG, JTH, JOSH, OFLU, TEY, etc.

2008 SEP

Table with columns for station code, name, frequency, and signal strength. Includes stations like NJ2, HHC, HHC, HHC, HHC, HHC, etc.

13d 10h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ZALV, QIZ, QIZ, QIZ, QIZ, QIZ, etc.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Includes entries like A14A Double T Ranch, MOD Modoc, A15A Johnson Ranch, etc.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Includes entries like DGMT G20A Bridger, ISA Isala, R11A Troy Canyon, etc.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Includes entries like ISCO Casa Rosa Ranch, Y15A Casa Rosa Ranch, X16A Lo Mia Camp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOKA Soboth, PARMO Parma, KBA Koelnreinsp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOKA Soboth, PARMO Parma, KBA Koelnreinsp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, PASO PASO, TLL Tololo Astrono, etc.



VYHS	Vyhne	14.39 335	eP	Pn	11 39 49.9	+5.7
KEST	Kesra	15.09 275	Pn	Pn	11 39 49.0	-4.4
comp=E,0.1nm,0.3s,baz=96,slow=14,SNR=2.9						
KEST	Kesra	15.09 275	ePn	Pn	11 39 58.3	+4.9
OKC	Ostrava-Krasne	15.78 336	eP	Pn	11 40 05.9	+3.9
OKC	Ostrava-Krasne	15.78 336	P	Pn	11 40 05.9	+3.2
VRAC	Vranov	15.88 332	Pn	Pn	11 40 04.8	+1.4
comp=E,1.0nm,0.3s,baz=162,slow=12,SNR=7.9						
VRAC	Vranov	15.88 332	Pn	Pn	11 40 04.8	+1.3
VRAC	Moravsky Berou	15.88 332	eP	Pn	11 40 05.9	+2.4
MORC	Moravsky Berou	15.93 335	ePn	Pn	11 40 07.0	+3.0
comp=E,2.3nm,1.4s						
MORC	Moravsky Berou	15.93 335	eP	Pn	11 40 06.7	+2.7
DPC	Dobruska-Polom	16.84 334	eP	Pn	11 40 17.1	+1.7
DPC	Dobruska-Polom	16.84 334	eP	Pn	11 40 26.5	-3.3
DPC	Dobruska-Polom	16.84 334	P	Pn	11 40 17.1	+1.7
KHC	Kasperske Hory	17.01 326	eP	Pn	11 40 18.1	+0.6
FETA	Feichten	17.07 316	i/Pn	Pn	11 40 20.1	+1.7
comp=E,30nm,1.1s						
FETA	Feichten	17.07 316	P	Pn	11 40 20.1	+1.7
comp=E,30nm,1.1s						
UPC	Udice	17.08 333	eP	Pn	11 40 20.1	+1.7
UPC	Udice	17.08 333	P	Pn	11 40 20.1	+1.7
PRU	Pruhonice	17.24 330	eP	Pn	11 40 21.2	+0.9
PRU	Pruhonice	17.24 330	P	Pn	11 40 21.2	+0.9
DAVOX	Davos/Dischmat	17.43 315	Pn	Pn	11 40 23.9	+1.2
comp=E,0.4nm,0.3s,baz=154,slow=18,SNR=3.5						
DAVOX	Davos/Dischmat	17.43 315	Pn	Pn	11 40 23.9	+1.2
PVCC	Panska Ves	17.65 331	eP	Pn	11 40 27.0	+1.6
PVCC	Panska Ves	17.65 331	P	Pn	11 40 27.0	+1.6
DAVA	Damuels	17.71 316	i/Pn	Pn	11 40 26.2	+0.1
comp=E,2nm,0.8s						
DAVA	Damuels	17.71 316	P	Pn	11 40 26.2	+0.1
comp=E,7.2nm,0.8s						
NKC	Novy Kostel	18.32 327	eP	Pn	11 40 32.6	-0.9
NKC	Novy Kostel	18.32 327	P	Pn	11 40 32.6	-0.9
GRA1	Grafenberg Arr	18.50 324	eP	Pn	11 40 34.5	-1.2
GRA1	Grafenberg Arr	18.50 324	eP	Pn	11 40 34.5	-1.2
GRA1	Grafenberg Arr	18.50 324	P	Pn	11 40 34.5	-1.2
GRA1	Grafenberg Arr	18.50 324	eP	Pn	11 40 34.5	-1.2
GRA1	Grafenberg Arr	18.50 324	eP	Pn	11 40 34.5	-1.2
GRA1	Grafenberg Arr	18.50 324	eP	Pn	11 40 34.5	-1.2
MOX	Moxa	18.98 327	eP	Pn	11 40 40.1	-1.4
MOX	Moxa	18.98 327	eP	Pn	11 40 40.1	-1.4
comp=Z,2.4nm,1.4s						
BFO	Black Forest	19.16 317	eP	Pn	11 40 43.7	+0.2
BFO	Black Forest	19.16 317	eP	Pn	11 40 43.7	+0.1
comp=Z,4.6nm,1.0s						
ECH	Echery	19.75 315	eP	Pn	11 40 49.7	-1.0
ECH	Echery	19.75 315	eP	Pn	11 40 49.7	-0.9
comp=Z,6.1nm,1.1s						
ECH	Echery	19.75 315	eP	Pn	11 40 49.7	-0.9
comp=Z,6.1nm,1.0s						
ESDC	Sonsec Array	25.45 288	P	Pn	11 41 45.5	-0.4
comp=Z,2.3nm,0.7s,mb3.0,baz=82,slow=9.4,SNR=14						
ESDC	Sonsec Array	25.45 288	P	Pn	11 41 45.5	-0.4
FINES	FINES Array B	25.74 358	P	Pn	11 41 46.6	-1.7
comp=Z,2.7nm,0.6s,mb4.0,baz=163,slow=10.0,SNR=6.5						
FINES	FINES Array B	25.74 358	P	Pn	11 41 46.6	-1.7
HFS	Hagfors	26.07 344	P	Pn	11 41 49.6	-1.7
comp=Z,2.4nm,0.3s,mb4.1,baz=155,slow=11,SNR=28						
HFS	Hagfors	26.07 344	P	Pn	11 41 49.6	-1.7
AKTK	Aktjubinsk	26.20 47	P	Pn	11 41 52.3	-0.3
AKTK	Aktjubinsk	26.20 47	P	Pn	11 41 52.3	-0.3
AKTK	Aktjubinsk	26.20 47	P	Pn	11 41 52.3	-0.3
comp=Z,0.5nm,0.3s,mb3.5,baz=249,slow=8.6,SNR=4.9						
JOF	Joensuu	27.27	3 eP	Pn	11 42 00.9	-1.2
comp=Z,1.0nm,0.5s,mb3.6						
NB2	NORSAR Subarra	27.46 342	P	Pn	11 42 01.6	-2.2
comp=Z,1.4nm,0.7s,mb3.6,baz=148,slow=9.3						
NB2	NORSAR Subarra	27.46 342	P	Pn	11 42 01.6	-2.2
comp=Z,1.4nm,0.7s,mb3.6,baz=148,slow=9.0,SNR=5.3						
NOA	NORSAR Array B	27.46 342	P	Pn	11 42 01.7	-2.1
comp=Z,1.1nm,0.6s,mb3.6,baz=147,slow=9.6,SNR=5.3						
NOA	NORSAR Array B	27.46 342	P	Pn	11 42 01.6	-2.2
NOA	NORSAR Array B	27.46 342	P	Pn	11 42 01.6	-2.2
EKA	Eskdalemuir Arr	28.90 322	P	Pn	11 42 16.3	-0.4
comp=Z,1.1nm,0.7s,mb3.7,baz=125,slow=10,SNR=4.0						
EKA	Eskdalemuir Arr	28.90 322	P	Pn	11 42 16.3	-0.4
ARCS	ARCS Array B	33.85 358	P	Pn	11 42 58.5	-1.6
comp=Z,0.5nm,0.3s,mb3.9,baz=174,slow=7.9,SNR=14						
ARCS	ARCS Array B	33.85 358	P	Pn	11 42 58.5	-1.6
comp=Z,0.7nm,0.8s,baz=169,slow=0.9,SNR=3.6						
ARCS	ARCS Array B	33.85 358	P	Pn	11 42 58.5	-1.6
ARCS	ARCS Array B	33.85 358	P	Pn	11 42 58.5	-1.6
KEV	Kevo	34.06 359	eP	Pn	11 43 01.4	-0.4
MKAR	Makanchi Array	41.56 57	P	Pn	11 44 07.0	+1.7
comp=Z,0.5nm,0.6s,mb3.3,baz=272,slow=7.3,SNR=7.3						
MKAR	Makanchi Array	41.56 57	P	Pn	11 44 07.0	+1.7
KSRS	Korea Array	76.12 54	P	Pn	11 48 06.2	+1.0
comp=Z,0.4nm,0.6s,mb3.5,baz=308,slow=6.0,SNR=2.8						
YKA	Yellowknife Arr	77.56 343	P	Pn	11 48 11.1	-1.6
comp=Z,1.0nm,0.6s,mb4.0,baz=22,slow=4.7,SNR=2.7						
YKA	Yellowknife Arr	77.56 343	P	Pn	11 48 11.1	-1.6
ILAR	Eielson Array	79.72 358	P	Pn	11 48 24.3	-0.3
comp=Z,0.5nm,0.6s,mb3.4,baz=343,slow=2.8,SNR=12						
ILAR	Eielson Array	79.72 358	P	Pn	11 48 24.3	-0.3
ULM	Lac du Bonnet	81.05 327	P	Pn	11 48 31.4	-0.6
comp=Z,2.3nm,0.4s,mb3.5,baz=27,slow=3.9,SNR=4.9						
ULM	Lac du Bonnet	81.05 327	P	Pn	11 48 31.4	-0.6

KISR 13 11:48:32.1e.0.7,29.94N:52.78E,h34km,999km,ML2.7  
 ISCJB 13 11:48:33.7e.1.0,29.53N:0.07:53.08E:0.06,h10km,Error  
 ellipse: s-maj=11.7km s-min=4.9km az=142.5  
 TEH 13 11:48:37.0,29.41N:53.17E,h33km  
 ISC 13 11:48:35.0e.1.0,29.53N:0.07:53.13E:0.06,h10km,n13,  
 4899/20, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	Time Res
IMEH	Mehriz	2.26 34	ePn	11 49 13.6 +1.2
IMEH	Mehriz	2.26 34	ePn	11 49 40.4 +0.1
IMEH	Mehriz	2.26 34	ePn	11 49 53.5
ISAD	Sadradab	2.42 11	ePn	11 49 16.4 +1.7
ISAD	Sadradab	2.42 11	ePn	11 49 44.3 -0.1
ISAD	Sadradab	2.42 11	ePn	11 49 57.0
ICHK	Chekchek	2.92 22	ePn	11 49 21.4 -0.1
ICHK	Chekchek	2.92 22	ePn	11 49 27.8
ICHK	Chekchek	2.92 22	ePn	11 49 55.5 -1.2
IBAF	Bafgh	2.94 45	ePn	11 49 21.9 +0.1
IBAF	Bafgh	2.94 45	ePn	11 49 30.2
IBAF	Bafgh	2.94 45	ePn	11 49 55.2 -2.0
IGAR	Gharneh	3.01 342	ePn	11 49 23.9 +1.1
IGAR	Gharneh	3.01 342	ePn	11 49 32.8
IGAR	Gharneh	3.01 342	ePn	11 49 59.1 +0.2
IZEF	Zefreh	4.32 349	ePn	11 49 30.0 +1.6
IZEF	Zefreh	4.32 349	ePn	11 50 07.4 -1.7
IZEF	Zefreh	4.32 349	ePn	11 50 42.2
IPIR	Pirpir	3.68 329	ePn	11 49 32.4 +0.4
IPIR	Pirpir	3.68 329	ePn	11 50 21.0
IKLH	Kolahrud	4.00 341	ePn	11 49 37.6 +1.2
IKLH	Kolahrud	4.00 341	ePn	11 50 35.9
UMR	Um Al-Rimmam	4.71 272	eP	11 49 45.2 -1.0
KBD	Kabd	4.75 267	eP	11 49 46.1 -0.6
RAF	Al-Radifah	4.91 264	eP	11 49 47.7 -0.2
RDF	Radaf	5.10 45	eP	11 50 45.9 +0.1
RDF	Radaf	5.10 45	eP	11 50 46.8
NAY	Al-Naaim	5.14 268	eP	11 49 51.0 -1.1
IANJ	Anjilo	5.96 6	ePn	11 50 03.5 +0.2

WEL 13 12:03:51.5e.0.5,37.46S:177.83E,h96km,3km,ML3.8/8,  
 Error ellipse: s-maj=3.1km s-min=2.7km az=0.0, Off  
 east coast of North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res
MXZ	Matakoao Point	0.39 105	Op	12 04 06.4 +0.3
MXZ	Matakoao Point	0.39 105	Op	12 04 16.9 -0.2
WIZ	White Island	0.52 262	Pn	12 04 06.7 -0.2
WIZ	White Island	0.52 262	SN	12 04 16.8 -1.8

PUZ	Kuketiti	0.70 151	Pn	Pn	12 04 08.4 -0.1
PUZ	Kuketiti	0.70 151	SN	SN	12 04 20.5 -0.8
PUZ	Kuketiti	0.70 151	SN	SN	12 04 10.6 -0.0
MWZ	Matawai	0.91 195	Pn	Pn	12 04 24.2 -0.7
URWZ	Urewera	0.98 215	SN	SN	12 04 11.1 -0.3
MARZ	Manawaha	1.06 240	Pn	Pn	12 04 12.4 +0.2
CNGZ	Carnagh Station	1.06 164	Pn	Pn	12 04 12.6 +0.3
OPRZ	Ohinepene	1.08 249	Pn	Pn	12 04 12.4 -0.1
LIRZ	Lichensteins R	1.27 244	Pn	Pn	12 04 15.4 +0.8
TGRZ	Tauranga	1.28 257	Pn	Pn	12 04 14.8 +0.1
RRRZ	Republican Roa	1.36 230	Pn	Pn	12 04 16.4 +0.6
PRRZ	Paritui Road	1.46 178	Pn	Pn	12 04 18.7 +0.2
PRRZ	Plateau Road	1.54 227	Pn	Pn	12 04 18.4 +0.4
KNZ	Kokohu	1.56 185	Pn	Pn	12 04 17.7 -0.5
RAHZ	Arahi	1.57 202	Pn	Pn	12 04 18.7 +0.4
ALRZ	Allen Road	1.61 226	Pn	Pn	12 04 19.6 +0.7
MHZ	Murphy Peninsula	1.69 178	Pn	Pn	12 04 19.7 -0.2
NMHZ	Naumai	1.82 206	Pn	Pn	12 04 22.1 +0.5
KUZ	Kuaotunu	1.83 292	Pn	Pn	12 04 22.8 +0.9
BKZ	Black Stump Fm	2.00 211	Pn	Pn	12 04 23.3 -0.1
MKAZ	Moumakai	2.15 279	Pn	Pn	12 04 27.3 +1.4
CKHZ	Cape Kidnapper	2.27 195	Pn	Pn	12 04 26.3 -1.1
KRHZ	Karewarewa	2.37 240	Pn	Pn	12 04 28.1 -0.6
KAHZ	Kahurangi	2.45 198	Pn	Pn	12 04 28.8 -0.9
NGZ	Ngaruohi	2.45 225	Pn	Pn	12 04 30.2 +0.5
BHZ	Black Hill Sta	2.45 214	Pn	Pn	12 04 29.4 -0.4
TWVZ	Tauere	2.48 229	Pn	Pn	12 04 30.9 +0.8
TUZZ	Tukino	2.49 253	Pn	Pn	12 04 30.6 +0.3
WPVZ	Whakapapa	2.50 229	Pn	Pn	12 04 31.1 +0.2
WNVZ	Wahianoa	2.56 223	Pn	Pn	12 04 31.1 -0.1
MTVZ	Mangateitei	2.67 223	Pn	Pn	12 04 30.8 -1.8
PXZ	Pawanui	2.68 196	Pn	Pn	12 04 30.8 -2.0
PNHZ	Pukenui	2.76 207	Pn	Pn	12 04 32.4 -1.5
WPHZ	Waipukurau	2.82 202	Pn	Pn	12 04 33.7 -0.9
TSZ	Takapari Road	2.98 209	Pn	Pn	12 04 35.0 -1.8
DVHZ	Dannevirke	3.12 204	Pn	Pn	12 04 36.6 -2.1
BFZ	Birch Farm	3.44 201	Pn	Pn	12 04 40.3 -2.7
MRZ	Mangatainoka R	3.65 208	Pn	Pn	12 04 43.0 -2.8
TMWZ	Te Maipa	3.94 202	Pn	Pn	12 04 46.7 -3.0
CAW	Canterbury Point	4.29 210	Pn	Pn	12 04 47.1 -0.2
PLWZ	Palliser	4.56 205	Pn	Pn	12 04 54.5 -3.6
TUWZ	Tuarua	4.98 216	Pn	Pn	12 05 00.7 -3.1
QRZ	Quartz Range	5.32 229	Pn	Pn	12 05 05.8 -2.6

ISC 13 12:34:45.4e.58.0,20.04S:179.90E,h0km,mb4.0/3,  
 mb1.4/2.3,mb1mx3.7/18,mbtmp4.0/3, Error ellipse:  
 s-maj=104.6km s-min=157.1km az=81.0, South of Fiji  
 Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
STKA	Stephens Creek	36.22 243	Op	12 41 49.2 -0.9	
ASAR	Alce Springs	37.7m, 1.1s, baz=78, slow=12, SNR=3.6	P	12 42 44.2 -0.1	
1.0nm,0.4s,baz=90,slow=8.5,SNR=20					
WRA	Warramunga Arr	42.71 262	P	12 42 45.0 +0.6	
0.6nm,0.3s,baz=95,slow=7.7,SNR=12					

ISC 13 12:49:13.4e.2.1,6.67S:128.90E,h0km,mb3.3/1,  
 mb1.3/7.4,mb1mx3.5/17,mbtmp3.5/4,ML3.5/3,MS3.0/1,  
 Ms1.3/0.1,ms1mx2.4/11, Error ellipse: s-maj=82.2km  
 s-min=28.6km az=75.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
FITZ	Fitzroy Crossi	11.80 195	Op	12 52 02.9 -0.2	
0.1nm,0.3s,baz=20,slow=11,SNR=3.2					
FITZ	Fitzroy Crossi	11.80 195	SN	12 53 56.8 -1.9	
0.2nm,0.3s,baz=292,slow=19,SNR=4.3					
WRA	Warramunga Arr	42.71 262	Pn	12 52 37.1 +1.1	
0.3nm,0.3s,baz=336,slow=12,SNR=17					
WRA	Warramunga Arr	42			

















Table with columns: IAR, Eielson Array, 88.10, 13, P, P, 19 31 19.21 -2.1, 19 31 49.6, 19 31 21.7 -0.3, etc.

Table with columns: BRVK, Borovoye, 119.12, 320, /P/PKIKP, PKPdf, 19 37 15.4 -2.0, 19 38 48.5, etc.

Table with columns: TNS, Taunus Mts, 149.75, 352, ePKHKP, PKPbc, 19 38 18.2 -0.5, 19 38 25.0, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase, I, h, m, s, Res, etc.









Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like NRDLD Niedersach Rie, NEUB Neuenburg, WALA Water Lakes, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like WAKR Walker, DLMT Dillon, DLMT Wildhorse Cree, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like mb1 3.6/5, mb1mx3.1/23, mbt3.4/5, Error ellipse, etc.



Table with columns: MONP, Monument Peak, 77.78, 50, 11P, P, 21 56 44.9 -0.5, COLA, College, 84.72, 13, 8P, 21 57 19.7 -0.5, MKAR, Makanchi Array, 107.44, 315, PKIKP, PKIKP, 22 03 07.7 -1.1

Table with columns: J14A, Carey, 84.80, 42, 11P, P, 21 57 21.9 +0.8, ILAR, Lakeland Array, 84.84, 13, P, 21 57 19.4 -1.4, F12A, Elk City, 84.90, 39, P, 21 57 21.1 -0.5, H13A, Challis, 84.93, 41, 11P, P, 21 57 21.8 +0.1, DLBC, Dease Lake, 85.05, 24, 11P, P, 21 57 21.7 -0.2, NEW, Newport, 85.08, 36, 11P, P, 21 57 21.6 -0.7, NEW, Newport, 85.08, 36, 11P, P, 21 57 21.4 -0.9, I14A, Mackay, 85.13, 42, P, 21 57 23.5 +0.8, G13A, Cobalt, 85.20, 40, P, 21 57 23.0 -0.1, O17A, Robinson Place, 85.22, 46, 11P, P, 21 57 23.8 +0.5, C11A, Tepee Creek (N), 85.36, 37, 11P, P, 21 57 23.6 -0.1, F13A, Darby, 85.48, 40, P, 21 57 23.8 -0.6, D12A, Red Ives Fores, 85.49, 38, 11P, P, 21 57 24.0 -0.3, H14A, Lease, 85.51, 41, 11P, P, 21 57 25.3 +0.7, 324A, Moseley Ranch, 85.53, 56, 11P, P, 21 57 24.5 -0.4, J15A, Blaloot, 85.54, 42, P, 21 57 25.6 +0.9, 425A, Indio Mountain, 85.57, 56, 11P, P, 21 57 25.9 +0.3, MNTX, Cornudas Mount, 85.70, 55, 11P, P, 21 57 25.8 0.0, 224A, Cornudas Mount, 85.74, 55, 11P, P, 21 57 26.2 +0.3, U11A, Nageezi, 85.82, 50, 11P, P, 21 57 26.4 +0.2, K16A, Soda Springs, 85.83, 43, 11P, P, 21 57 26.6 +0.5, 626A, Big Bend Ranch, 85.90, 58, 11P, P, 21 57 27.5 +0.8, 325A, Bean Ranch, Si, 85.91, 56, 11P, P, 21 57 26.5 -0.2, MCMT, McKenzie Canyon, 85.94, 41, 11P, P, 21 57 27.1 +0.5, H15A, Limb, 85.97, 41, 11P, P, 21 57 27.1 +0.3, J16A, Bone, 86.01, 43, P, 21 57 27.4 +0.5, DAWY, Dawson, 86.12, 17, 8P, 21 57 26.8 -0.2, ANMC, Altoquereque, 86.12, 52, 11P, P, 21 57 26.9 -0.8, TXAR, Lajitas Array, 86.20, 58, P, 21 57 28.6 +0.4, M18A, Lyman, 86.22, 45, 11P, P, 21 57 28.1 +0.1, BSMT, Bassoo Peak, 86.22, 38, 4P, 21 57 27.4 -0.5, RR12, Red Ridge, 86.23, 43, 8P, 21 57 28.4 +0.4, E14A, Clinton, 86.29, 39, 11P, P, 21 57 27.9 -0.3, G15A, Dillon, 86.32, 41, 11P, P, 21 57 28.5 +0.2, 627A, Terlingua Ranch, 86.47, 58, 11P, P, 21 57 30.0 +0.5, Y24A, Capitan, 86.51, 53, 11P, P, 21 57 29.3 -0.2, 527A, Woodward Ranch, 86.54, 57, 11P, P, 21 57 29.3 -0.5, REDW, Red Top Meadow, 86.55, 43, 8P, 21 57 29.8 +0.3, P20A, De Beque, 86.55, 47, 11P, P, 21 57 29.6 0.0, J17A, Brown Place, J, 86.64, 43, 11P, P, 21 57 30.1 +0.2, CHMT, Chamberlain Mo, 86.68, 39, 8P, 21 57 29.5 -0.5, IMW, Indian Meadow, 86.73, 42, 8P, 21 57 30.5 +0.2, K18A, Toltan Ranch, 86.76, 44, 4P, 21 57 31.1 +0.1, G16A, Moss Hill, Enn, 86.78, 41, 11P, P, 21 57 30.7 +0.2, 226A, Malia, Loving, 86.85, 55, 11P, P, 21 57 31.1 -0.1, H16A, Russell Place, 86.89, 42, 11P, P, 21 57 32.0 +0.9, 522A, 4UR Ranch, Cre, 86.95, 49, 11P, P, 21 57 31.5 0.0, A27A, Hayter Ranch, 86.96, 57, 11P, P, 21 57 31.3 -0.4, L19A, Farson, 86.92, 45, P, 21 57 31.6 0.0, W24A, Lazy 6 Ranch, 87.02, 52, 11P, P, 21 57 31.8 -0.1, J18A, Kendall Valley, 87.03, 43, 11P, P, 21 57 31.8 0.0, W106, Boulder Array, 87.14, 44, 11P, P, 21 57 31.9 -0.3, PDAR, Pinedale Array, 87.14, 44, P, 21 57 31.9 -0.4, F16A, Kennard Place, 87.15, 40, 11P, P, 21 57 32.6 +0.4, D15A, Lincoln, 87.18, 39, 11P, P, 21 57 32.2 -0.2, N20A, Spence Gulch, 87.20, 46, 11P, P, 21 57 32.5 -0.1, V24A, Rampart Ranch, 87.32, 52, 11P, P, 21 57 33.3 0.0, B14A, Marquette Ranch, 87.35, 38, P, 21 57 32.6 -0.6, C15A, Salmond Ranch, 87.47, 38, 11P, P, 21 57 33.2 -0.6, A14A, Double T Ranch, 87.56, 37, 11P, P, 21 57 33.8 -0.3, L20A, Wamsutter, 87.63, 45, P, 21 57 35.1 +0.5, K19A, Absolon Red Bu, 87.64, 44, 11P, P, 21 57 34.0 -0.6, J19A, Crowheart, 87.69, 44, 11P, P, 21 57 34.8 0.0, B15A, Bradley Ranch, 87.75, 38, 11P, P, 21 57 34.1 -0.9, K20A, Yellowstone Ra, 87.90, 44, 11P, P, 21 57 35.3 -0.6, A15A, Johnson Ranch, 87.96, 37, 11P, P, 21 57 35.4 -0.6, C16A, Fuhringer Ranc, 88.00, 39, 11P, P, 21 57 35.5 -0.6, I19A, Meeteetse, 88.05, 43, 11P, P, 21 57 36.5 0.0, O22A, Kremmling, 88.12, 47, 11P, P, 21 57 36.6 -0.3, D17A, Six Diamond Ra, 88.34, 40, 11P, P, 21 57 37.9 +0.1, N22A, Wattenberg Ran, 88.44, 47, 11P, P, 21 57 38.8 +0.4, C17A, Wharham Farm, 88.51, 39, 11P, P, 21 57 38.3 -0.3, K21A, Alcova, 88.65, 45, 11P, P, 21 57 38.9 -0.3, Q24A, Divide, 88.65, 49, 11P, P, 21 57 39.7 +0.3, I21A, Big Trails, Te, 89.08, 44, 11P, P, 21 57 41.0 -0.3, A17A, Triple J Farms, 89.14, 38, 11P, P, 21 57 41.4 0.0, B18A, Beardsley Farm, 89.44, 39, 11P, P, 21 57 42.6 -0.3, L23A, Garrett, 89.47, 46, 11P, P, 21 57 43.1 -0.1, D20A, Manuel Ranch, 89.89, 40, 11P, P, 21 57 45.2 +0.2, C20A, Veseth Ranch, 90.23, 40, 11P, P, 21 57 46.9 +0.3, D21A, La Casta Ranch, 90.59, 41, 11P, P, 21 57 48.4 +0.2, A20A, Cobblestone Ra, 90.76, 39, 11P, P, 21 57 48.8 -0.2, SONM, Sogino Array, 91.84, 320, P, 21 57 54.8 +0.8, C23A, Lambert, 92.01, 41, 11P, P, 21 57 55.2 +0.4, YKA, Yellowknife Ar, 93.58, 25, P, 21 57 59.9 -1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, MKAR, Makanchi Array, 107.44, 315, PKIKP, PKIKP, 22 03 07.7 -1.1, BVAR, Borovoye Array, 115.34, 321, PKP, PKPdf, 22 03 22.5 -0.7, AKTO, Aktynsk, 123.16, 350, PKP, PKPdf, 22 03 38.3 -0.4, ARCES, ARCES Array B, 124.82, 350, PKP, PKPdf, 22 03 41.2 -0.2, FINES, FINESS Array B, 131.62, 344, PKP, PKPdf, 22 03 53.7 -0.8, NB2, NORARS Subarray, 134.93, 353, PKPdf, PKPdf, 22 04 01.2 +0.5, NOA, NORARS Array B, 134.93, 353, PKP, PKPdf, 22 04 00.4 -0.4, NOA, comp=2.0, 2mm, 0.3s, baz=27, slow=1, SNR=3.2, PP, PP, 22 06 45.0 +2.2, BRTR, Keskin Array B, 143.08, 315, PKP, PKPdf, 22 04 15.1 -1.2, NRDL, Niederssee Rie, 143.36, 350, ePKPbc, PKPdf, 22 04 15.1 -1.2, OKC, Ostrava-Krasne, 143.87, 341, ePKP, PKPdf, 22 04 16.8 -0.5, IBBN, Ibbenburen, 143.89, 352, ePKPbc, PKPdf, 22 04 16.6 -0.6, UPC, Ujice, 143.91, 343, ePKP, PKPdf, 22 04 17.3 0.0, CLL, Clalith, 143.93, 347, ePKPbc, PKPdf, 22 04 17.8 -0.5, DPC, Dobruska-Polom, 143.97, 343, ePKP, PKPdf, 22 04 17.7 -0.3, BRG, Bergsihuhel, 144.12, 345, ePKPbc, PKPdf, 22 04 17.7 0.0, BRG, Bergsihuhel, 144.12, 345, iPKP, PKPdf, 22 04 17.7 0.0, FEAB, 144.21, 346, ePKPbc, PKP, 22 04 18.2 +0.4, PVCC, Panska Ves, 144.28, 345, ePKP, PKPdf, 22 04 18.5 +0.5, NEUB, Neuenburg, 144.28, 348, ePKPbc, PKPdf, 22 04 18.1 +0.2, PRU, Pruhonice, 144.78, 344, ePKP, PKPdf, 22 04 20.4 +1.6, MOX, Moxa, 144.85, 348, ePKP, PKPdf, 22 04 19.5 +0.6, MOX, Moxa, 144.85, 348, ePKPbc, PKPdf, 22 04 19.8 +0.9, PLN, Plauen, 144.89, 347, ePKPbc, PKPdf, 22 04 20.1 +1.1, TANN, Tannenbergsstha, 144.89, 347, ePKPbc, PKPdf, 22 04 20.2 +1.2, WERD, Werdau, 144.89, 347, ePKPbc, PKPdf, 22 04 20.1 +1.1, GUNZ, Gunzen, 144.97, 347, ePKPbc, PKPdf, 22 04 20.5 +1.4, WERL, Werdau, 145.03, 347, ePKPbc, PKPdf, 22 04 20.4 +1.1, NKX, Novy Kostel, 145.06, 347, ePKP, PKPdf, 22 04 20.4 +1.1, TREC, Trest, 145.16, 343, ePKP, PKPdf, 22 04 20.9 +1.4, ROTZ, Rotzenmuhle, 145.55, 347, ePKPbc, PKPbc, 22 04 22.2 +0.6, KHC, Kasperke Hory, 145.82, 345, ePKP, PKPbc, 22 04 22.9 +0.5, KHC, Kasperke Hory, 145.82, 345, ePKP, PKPbc, 22 04 22.9 +0.5, GRF, Grafenberg Arr, 145.84, 348, ePKPbc, PKPbc, 22 04 23.0 +0.6, WET, Wetzell, 145.98, 345, ePKPbc, PKPbc, 22 04 23.1 +0.3, GEC2, GRESS Array S, 146.05, 344, ePKPbc, PKPbc, 22 04 23.5 +0.5, WLF, Walferdenale, 146.68, 353, ePKPbc, PKPbc, 22 04 25.6 +0.9, FUR, Furterfeldbru, 147.27, 347, ePKPbc, PKPbc, 22 04 26.9 +0.7, BFO, Black Forest, 147.68, 350, ePKPbc, PKPbc, 22 04 27.7 -0.3, ESDC, Sorcea Array, 156.67, 9, PKPab, PKPab, 22 05 09.2 -0.6, IDC 13 22:07:44.6, 4, 37, 60N, 75, 82E, h101km, 40km, mb3, 3/7, mb1 3.4/12, mb1mx3.2/28, mbtmp3.3/12, Error ellipse: s-maj=39.3km s-min=18.7km az=26.0, ISCJB 13 22:07:45.9, 0, 7, 37, 78N, 0, 0, 75, 67E, 0, 07, h119km, 9km, mb3, 5/7, Error ellipse: s-maj=9.5km s-min=5.8km az=18.8, BUJ 13 22:07:45.9, 37, 84N, 75, 92E, h130km, mb4, 1/3, NEIC 13 22:07:46.1, 1, 4, 37, 69N, 75, 89E, h13km, 9km, mb4, 2/8, Error ellipse: s-maj=17.3km s-min=9.8km az=143.0, NINC 13 22:07:48.6, 8, 5, 38, 60N, 75, 74E, h0km, mb3, 6, mpv3, 2, Error ellipse: s-maj=99.7km s-min=35.3km az=12.0, ISC 13 22:07:47.1, 1, 0, 6, 37, 78N, 0, 0, 75, 69E, 0, 07, h115km, 8km, n32, 0, 129/37, mb3, 5/7, 5C, Tajikistan-Xinjiang border region, Code Station Name Az Az2 Phase ID Time Res KSH Kashi 1.75 71/P Op ISC 22 08 14.3 -2.9 KSH Kashi 1.75 71/P S Sn 22 08 34.4 -5.8 KSH comp=N, 2um, 0.7s smax KSH comp=E, 2um, 0.7s smax KZA Kyzart 4.31 356 eP Pn 22 08 51.6 +0.9 CHCP Chirah Chowk 4.56 306 iP Pn 22 08 55.9 +1.8 AML Almayushu 4.61 341 eP Pn 22 08 55.2 +0.5 AAK Ala-Archa 4.94 350 eP Pn 22 08 59.5 +0.4 AAK Ala-Archa 4.94 350 eP Pn 22 09 01.1 +2.0 CEP Cherat 5.00 219 iP Pn 22 09 01.0 +1.0 CEP Cherat 5.00 219 S Sn 22 09 05.0 -1.7 EKS2 Erkin-Say 5.10 344 eP Pn 22 09 03.1 +1.9 TKM2 Tokmak 2 5.14 359 eP Pn 22 09 01.7 -0.1 CHMS Chumysai 5.27 352 eP Pn 22 09 05.4 +1.9 THW Thamme Wali 5.93 214 P Pn 22 09 12.5 0.0 KBL Kabul 6.27 241 eP Pn 22 09 17.8 +0.6 KBL comp=E, 8.5nm, 0.4s eS Sn 22 10 26.5 -1.0 KK31 Karatay Array 6.63 325 P Pn 22 09 21.7 -0.2 KK31 comp=E, 0.7mm, 0.3s, baz=130, slow=14, SNR=70 iSn Sn 22 10 34.4 -1.6 KKAR Karatay Array 6.63 325 eP Pn 22 09 21.6 -0.4 KKAR comp=E, 2.4nm, 0.3s eS Sn 22 10 34.1 -1.8 MK31 Makanchi Array 10.25 26 Pn Pn 22 10 09.1 -1.8 MKAR Makanchi Array 10.25 26 Pn Pn 22 10 08.6 -2.3 BVAR Borovoye Array 15.69 348 P Pn 22 11 23.2 +1.7 AB31 Akbulak array 16.15 320 iP Pn 22 11 28.6 +1.3 ABKAR Akbulak array 16.15 320 eP Pn 22 11 29.2 +1.9 ZALV Zalesovo Beam 17.35 18 P Pn 22 11 41.1 -0.8 AKTK Aktynsk 17.87 321 P Pn 22 11 47.6 -0.5 AKTO Aktynsk 17.87 321 P Pn 22 11 47.6 -0.5 AKTO comp=E, 1.1mm, 0.3s, baz=114, slow=11, SNR=20 eS Sn 22 12 00.6 +1.8 GTA Gaotai 18.92 78 pmx pmx comp=Z, 4.0nm, 1.4s P 22 12 55.5 -0.2 SONM Sogino Array 24.52 56 P P 22 12 55.5 -0.2 BRTR Keskin Array B 32.64 287 P P 22 14 08.8 +0.9 FINES FINESS Array B 38.59 324 P P 22 14 58.8 +0.3 ARCES ARCES Array B 41.46 336 P P 22 15 22.7 +0.6 NB2 NORARS Subarray 45.65 322 P P 22 15 55.3 -0.4 NOA NORARS Array B 45.65 322 P P 22 15 55.6 -0.1 WRA Warramunga Arr 79.57 125 P P 22 19 39.6 -1.8 ASAR Alice Springs 81.99 128 P P 22 19 52.5 -1.9 IDC 13 22:51:23.3, 1, 1, 41, 08N, 0, 08, 43, 89E, 0, 08, h10km, n7, 0, 044/11, Turkey-Georgia-Armenia border region, Code Station Name Az Az2 Phase ID Time Res TBLG Delisi 0.91 44 P Op ISC 22 51 40.6 -0.3 MTA Mtatsminda 0.92 47 P S Sg 22 51 40.6 -0.3 MTA Mtsaminda 0.92 47 P S Sg 22 51 53.0 +0.1 GOR Gori 0.92 10 P S Pg 22 51 40.7 -0.4 GOR Gori 0.92 10 P S Pg 22 51 53.1 +0.1 DGRG David-gareji 1.18 71 P S P 22 51 45.0 -0.3 DGRG David-gareji 1.18 71 P S Sb 22 52 06.2 +5.2 ARTV Artvin 1.49 275 P P 22 51 49.2 -0.8 DDEM Demirkent 1.63 264 P Pn 22 51 52.5 +0.5 DBOC Borcka 1.70 280 P Pn 22 51 53.7 +0.7 IDC 13 22:56:42.8, 2, 4, 16, 51S, 168, 06E, h0km, mb3, 9/4, mb1 4.2/4, mb1mx3, 8/17, mbtmp3, 9/4, MS3, 7/10, Ms1 3.7/10, ms1mx3, 5/21, Error ellipse: s-maj=116.7km s-min=30.6km az=141.0, Vanuatu Islands, Code Station Name Az Az2 Phase ID Time Res





Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like AUQP San Andres, BOAC Boac, MDSI Maura Dua, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like CBIJ Chichi jima, CHG Chiang Mai, CHTO Chiang Mai, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like MAJO Matsushiro, MAJO Matsushiro, MAJO Matsushiro, etc.

ODAN	Odare	52.17 314	eP	P	00 09 17.5 -0.1
ODZ	Otaha Downs	52.18 142	eP	P	00 09 17.7 +0.3
TAPN	Taplejung	52.25 315	eP	P	00 09 18.4 +0.3
CN2	Changchun	52.40 359	eP	P	00 09 17.6 -1.4
CN2			eP	P	00 09 27.6 -1.3
CN2			eP	P	00 09 31.6 -1.2
CN2			eS	S	00 16 40.3 -2.4
CN2			eSS	SS	00 20 16.3 -4.9
CN2	comp=Z,20nm,1.0s,mb5.0		pmax	pmax	
CN2	comp=Z,400nm,9.0s		LR	LR	
CN2	comp=N,2um,18.0s,MS5.2		LR	LR	
CN2	comp=E,1um,18.0s,MS5.2		LR	LR	
CN2	comp=Z,2um,20.0s,MS5.2		LR	LR	
TRD	Trivandrum	52.58 288	ex	x	00 09 34.7
TRD			eP	P	00 16 52.7
KHZ	Kahutara	52.82 137	eP	P	00 09 22.7 +0.5
SNZO	South Karori	53.15 136	PFAKE	P	00 09 40.0 +1.5
SNZO			LR	LR	
MDJ	Mudanjiang	53.26 2	P	P	00 09 24.8 -0.5
MDJ			eP	P	00 09 27.9 -7.3
MDJ			eP	P	00 14 31.8 +0.3
MDJ			eS	S	00 16 55.9 +1.5
MDJ	comp=Z,44nm,1.5s,mb5.2		pmax	pmax	
MDJ	comp=Z,320nm,6.4s		LR	LR	
MDJ	comp=N,1um,21.8s,MS5.0		LR	LR	
MDJ	comp=E,700nm,21.8s,MS5.0		LR	LR	
MDJ	comp=Z,2um,21.8s,MS5.0		LR	LR	
MDJ	Mudanjiang	53.26 2	eP	P	00 09 24.6 -0.7
MDJ	comp=Z,101nm,1.3s,mb5.6		LR	LR	
URZ	Urewera	53.75 131	eP	P	00 09 29.2 +0.1
URZ	comp=Z,100nm,1.0s,mb5.7		e	P	00 09 39.8 +0.7
DGAR	Diego Garcia	53.81 267	eP	P	00 09 31.1 +1.1
DGAR	comp=Z,412nm,0.8s,mb6.4		LR	LR	
DGAR	comp=Z,4um,21.0s,MS5.4		LR	LR	
DGAR	Diego Garcia	53.81 267	iP	P	00 09 31.1 +1.1
GUN	Gumba	53.88 314	eP	P	00 09 30.2 0.0
GUN	comp=Z,412nm,0.7s,mb5.5		eP	P	00 09 30.8 -0.3
PKI	Pulchoki	54.01 313	eP	P	00 09 31.4 +0.3
PKI	comp=Z,44nm,0.7s,mb5.2		eP	P	00 09 31.4 +0.3
PKI	Pulchoki	54.02 313	eP	P	00 09 31.4 +0.2
PKI	comp=Z,250nm,0.7s,mb5.3		eP	P	00 09 32.4 +0.4
GTA	Gaotai	54.15 334	iP	P	00 09 42.8 +0.9
GTA			eP	P	00 09 47.1 +1.3
GTA			eS	S	00 17 06.9 +0.2
GTA			eS	S	00 17 23.8 +0.7
GTA			eSS	SS	00 20 48.5 -0.5
GTA	comp=Z,150nm,1.0s,mb5.9		pmax	pmax	
GTA	comp=Z,700nm,4.5s		LR	LR	
GTA	comp=N,2um,19.0s,MS5.4		LR	LR	
GTA	comp=E,2um,17.1s,MS5.4		LR	LR	
GTA	comp=Z,2um,19.4s,MS5.2		LR	LR	
KKN	Kakani	54.23 314	eP	P	00 09 32.6 -0.2
KKN	comp=Z,390nm,1.0s,mb5.3		eP	P	00 09 32.7 -0.2
DMN	Dama	54.25 313	eP	P	00 09 32.5 -1.4
DMN	comp=Z,632nm,1.1s,mb5.5		eP	P	00 09 32.5 -1.4
HYB	Hyderabad	54.37 299	iP	P	00 09 32.5 -1.4
HYB	comp=Z,150nm,1.0s,mb5.9		eP	P	00 09 40.5 -3.4
HYB			eP	P	00 10 37.0 -0.6
HYB			eS	S	00 17 12.0 +1.7
HYB			eS	S	00 09 34.0 -1.1
ASAJ	Asahikawa	54.61 14	P	P	00 09 34.0 -1.1
ASAJ	Asahikawa	54.61 14	eP	P	00 09 34.0 -1.1
ASAJ	comp=Z,32nm,0.8s		pmax	pmax	
ASAJ	Asahikawa	54.61 14	eP	P	00 09 34.0 -1.1
ASAJ	comp=Z,20nm,0.9s,mb5.3		pmax	pmax	
GKN	Gorkha	54.82 313	eP	P	00 09 36.8 -0.2
GKN	comp=Z,509nm,0.8s,mb5.6		eP	P	00 09 32.2 -8.5
YUK	Yuzh-Kuril'sk	55.38 17	iP	P	00 17 19.4 -3.6
YUK			iS	S	00 20 57.9 -1.0
YUK			iSS	SS	
YUK	comp=Z,203nm,0.9s,mb6.2		pmax	pmax	
YUK	comp=N,101nm,0.9s		pmax	pmax	
YUK	comp=E,78nm,0.9s		pmax	pmax	
YUK	comp=Z,180nm,0.8s,mb6.2		pmax	pmax	
YUK	comp=N,920nm,3.2s		smax	smax	
YUK	comp=E,60nm,0.8s		MLR	MLR	
YUK	comp=Z,1um,24.0s,MS4.8		MLR	MLR	
YUK	comp=Z,790nm,19.0s		MLR	MLR	
KOLN	Koldanda	55.43 313	eP	P	00 09 41.4 -0.1
KOLN	comp=Z,784nm,0.9s,mb6.8		eP	P	00 09 41.4 -1.3
NGP	Nagpur	55.58 303	eP	P	00 09 44.5 -1.3
NGP	comp=Z,200nm,0.7s,mb6.3		eP	P	00 09 42.9 -0.1
DANN	Dangsing	55.65 313	eP	P	00 09 44.5 -1.3
DANN	comp=Z,1um,0.9s,mb7.0		eP	P	00 09 44.5 +0.8
HMDM	Haimadacho	55.67 284	P	P	00 10 28.5
HMDM	comp=Z,129nm,2.2s,mb5.6		ex	x	00 10 28.5
MNGI	Mangalore	56.00 292	ex	x	00 17 47.6
MNGI			ex	x	00 09 47.9 -1.4
LATR	Latur	56.51 299	eP	P	00 09 48.3
LATR			eP	P	00 09 51.2
LATR			eP	P	00 09 51.2
LATR	comp=Z,146nm,1.6s,mb5.8		eP	P	00 09 52.3 -1.1
AKL	Akola	57.08 302	eP	P	00 09 54.5
AKL	comp=Z,233nm,0.4s,mb5.5		eP	P	00 09 54.4 -0.2
YSS	Yuzh-Sakhalins	57.33 13	eP	P	00 09 54.0 -0.6
YSS	comp=Z,676nm,21.0s,MS4.7		eP	P	00 10 51.5
YSS	Yuzh-Sakhalins	57.33 13	eP	P	00 17 46.0 -2.7
YSS			eS	S	00 21 36.0 -2.7
YSS			eSS	SS	00 23 46.0
YSS	comp=Z,50nm,0.6s,mb5.7		pmax	pmax	
YSS	comp=N,30nm,0.8s		pmax	pmax	
HABR	Khabarovsk	57.52 6	iP	P	00 09 54.4 -1.5
HABR			eP	P	00 10 03.3 -2.6
HABR			eP	P	00 18 05.7 -1.9
HABR			eS	S	00 19 39.8
HABR			eSS	SS	00 21 38.8 -2.9
HABR	comp=N,67nm,1.9s		pmax	pmax	
HABR	comp=Z,221nm,1.9s,mb5.9		pmax	pmax	
HABR	comp=E,78nm,1.8s		pmax	pmax	
HABR	comp=Z,265nm,1.9s,mb5.9		MLR	MLR	
HABR	comp=N,2um,18.0s,MS5.5		MLR	MLR	
HABR	comp=Z,3um,17.0s,MS5.4		MLR	MLR	
HABR	comp=E,2um,15.0s,MS5.5		MLR	MLR	
BHPL	Bhopal	57.88 304	eP	P	00 09 58.2 -0.7

BHPL	comp=Z,183nm,1.4s,mb5.9		AMB	AMB	00 09 59.9
KLR	Kul'dur	57.98 4	eP	P	00 09 53.7 -5.4
KLR			eS	S	00 17 45.0 -12
KLR			eSS	SS	00 21 46.5 -2.4
KLR	comp=Z,68nm,1.6s,mb5.4		pmax	pmax	
KAD	Kad	58.15 297	eP	P	00 09 59.5 -1.4
KAD	comp=Z,3um,14.0s,MS5.5		eP	P	00 10 00.1
KAD			eP	P	00 10 01.9
KAD	comp=Z,163nm,1.1s,mb6.0		MLR	MLR	00 10 00.6 +0.1
HIA	Hailar	58.19 355	eP	P	
HIA	comp=Z,95nm,1.3s,mb5.7		LR	LR	
HIA	comp=Z,2um,20.0s,MS5.3		eP	P	00 10 00.6 0.0
HIA			eP	P	
HIA	comp=Z,95nm,1.3s		MLR	MLR	
CASY	Casey	58.45 188	eP	P	00 10 02.0 -0.2
CASY	Casey	58.45 188	eP	P	00 10 02.2 +0.1
CASY	comp=Z,17nm,0.9s,mb5.1		LR	LR	
DRV	Dumont d'Urville	58.45 174	P	P	00 10 19.0 +6.8
DRV			S	S	00 18 09.0 +6.1
DRV			S	S	00 22 01.0 +5.5
DRV			R	R	00 28 00.0
POO	Poona	58.91 298	eP	P	00 10 05.3 -0.9
POO	comp=Z,167nm,1.1s,mb6.0		AMB	AMB	00 10 06.0
ULN	Ulanbaatar	59.11 345	eP	P	00 10 07.3 +0.3
ULN	comp=Z,123nm,1.1s,mb5.8		LR	LR	
ULN	comp=Z,2um,20.0s,MS5.2		LR	LR	
ULN	Ulanbaatar	59.11 345	eP	P	00 10 07.3 +0.3
ULN	comp=Z,123nm,1.1s,mb5.8		pmax	pmax	
ULN	comp=Z,2um,20.0s,MS5.2		MLR	MLR	
ULN	Ulanbaatar	59.11 345	P	P	00 10 07.7 +0.7
ULN	comp=Z,1um,comp=Z,109nm,1.2s,mb5.8		P	P	00 10 07.2 +0.2
ULN	Ulanbaatar	59.11 345	P	P	00 10 07.7 +0.2
SONM	Songino Array	59.26 344	P	P	00 10 08.2 +0.2
SONM	SNR=51		P	P	00 39 45.6
SONM	comp=Z,50nm,0.9s,mb5.5,baz=163,slow=7.9,SNR=196		P	P	00 10 08.2 +0.2
SONM	comp=Z,1.7nm,1.0s,baz=248,slow=1.8,SNR=6.3		P	P	00 10 08.2 +0.2
SONM	Songino Array	59.26 344	P	P	00 10 08.2 +0.2
SONM	comp=Z,50nm,0.9s		pmax	pmax	
SONM	comp=Z,2.0nm,1.0s		pmax	pmax	
AGRA	Agra	59.39 309	eP	P	00 10 07.9 -1.5
AGRA	comp=Z,188nm,1.3s,mb6.0		AMB	AMB	00 10 12.8
JOSI	Joshimath	59.91 313	eP	P	00 10 13.0 +0.1
AFI	Afialtau	60.07 101	PFAKE	LR	00 10 30.0 +1.4
AYAN	Aya Nagar	60.64 310	eP	P	00 10 16.6 -1.3
NDI	New Delhi	60.67 310	eP	P	00 10 14.8 -3.4
NDI			S	S	00 10 16.8 -2.8
DDI	Dehra Dun	60.89 312	eP	P	00 10 16.8 -2.8
KUDL	Kundal	60.96 309	ex	x	00 10 04.8
KLP	Kalpa	61.39 313	eP	P	00 10 23.2 +0.2
KLP	comp=Z,249nm,1.3s,mb6.2		AMB	AMB	00 10 27.0
KHET	Khetri	61.45 309	eP	P	00 10 22.2 -1.2
KHET	comp=Z,134nm,1.3s,mb5.9		AMB	AMB	00 10 24.9
AJM	Ajmer	61.61 306	eP	P	00 10 23.7 -0.9
AJM	comp=Z,172nm,1.6s,mb5.9		AMB	AMB	00 10 27.4
KKR	Kurukshetra	61.62 311	eP	P	00 10 24.4 -0.2
CIT	Chita	61.68 351	eP	P	00 10 24.8 +0.3
CIT			e	e	00 10 31.1
CIT			e	e	00 11 06.0 +1.4
Port-aux-Franc		61.90 218	PFAKE	LR	00 10 40.0 +1.4
MIR	Mirnyy	62.06 195	eP	P	00 10 28.0 +1.1
MIR	comp=Z,6um,21.0s,MS5.7		pmax	pmax	
MIR	comp=Z,99nm,2.0s,mb5.6		pmax	pmax	
MIR	comp=Z,800nm,7.0s		MLR	MLR	
MIR	comp=N,5um,16.0s,MS5.9		MLR	MLR	
MIR	comp=E,4um,16.0s,MS5.9		MLR	MLR	
MIR	comp=Z,9um,16.0s,MS6.0		MLR	MLR	
SDNR	Sundarnagar	62.30 312	eP	P	00 10 29.5 +0.4
ZAK	Zakamensk	62.43 343	eP	P	00 10 29.4 -0.2
ZAK	comp=Z,15nm,1.2s,mb5.0		eP	P	00 10 28.4 -3.1
BHK	Bhakra	62.66 312	ex	x	00 10 35.0 -0.4
URUMQI	Urumqi	63.28 329	P	P	00 10 45.0 -0.5
WMQ	WMQ		pP	pP	00 10 49.0 -0.3
WMQ			sP	sP	00 12 56.0 +1.0
WMQ			S	S	00 18 03.0 -2.2
WMQ			eS	eS	00 21 01.0 +5.0
WMQ			eSS	SS	00 23 13.0 +0.7
WMQ	comp=Z,150nm,1.0s,mb6.1		pmax	pmax	
WMQ	comp=Z,2um,6.0s		LR	LR	
WMQ	comp=N,2um,20.0s,MS5.6		LR	LR	
WMQ	comp=E,3um,20.0s,MS5.6		LR	LR	
WMQ	comp=Z,2um,20.0s,MS5.3		LR	LR	
TLY	Talaya	63.50 344	eP	P	00 10 36.6 0.0
TLY	comp=Z,53nm,1.3s,mb5.5		LR	LR	
TLY	comp=Z,2um,20.0s,MS5.2		P	P	00 10 36.7 +0.1
TLY	Talaya	63.50 344	iP	P	00 11 19.8
TLY			e	e	00 19 09.0
TLY			eSS	SS	00 23 16.8 +1.4
TLY	comp=Z,32nm,1.1s,mb5.4		P	P	00 10 36.2 -0.4
TLY	Talaya	63.50 344	P	P	00 10 37.2 +0.6
TLY	comp=Z,152nm,1.0s,mb5.1,SNR=8.4		P	P	00 10 37.2 +0.6
TLY	Talaya	63.50 344	P	P	00 10 38.6 -0.3
IRK	Irkutsk	63.84 345	iP	P	00 11 13.0
IRK			eP	P	00 10 41.7 +0.2
IRK	comp=Z,121nm,1.8s,mb5.6		eP	P	00 10 43.5 +0.3
IRK	Severo-Kuril'sk	64.29 20	eP	P	00 19 30.0
IRK			eP	P	00 11 00.0 +1.1
MIDW	Midway	65.27 53	PFAKE	LR	
MIDW	comp=Z,3um,20.0s,MS5.4		LR	LR	
CLNS					





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Table with columns: CHMT, VSL, BLSA, H15A, HLID, C15A, THEF, J13A, HEC, R11A, PFO, PFO, PFO, A16A, DOU, SNF, TUQ, BNI, BNI, I14A, KEST, BELC, C16A, J14A, T11A, MCMT, DLMT, SHPR, A17A, G15A, S12A, H15A, D16A, B17A, BC3, K14A, LDFA, V12A, IRM, C17A, F16A, BOZ, BOZ, G16A, A18A, D17A, K15A, HVU, E17A, BGU, B18A, S13A, T13A, EGMT, L15A, U13A, Q14A, H16A, P14A, F17A, M15A, V13A, DUG, DUG, DUG, SPUT, I16A, SSB, N15A, J16A, G17A, CCUT, A19A, B19A, K16A

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Table with columns: E18A, RRI2, YFT, DCIDI, X13A, IMW, C19A, PLDF, NOQ, Y13A, T14A, TPAW, ESK, U14A, P15A, LKWY, L16A, MOOW, HWUT, AHID, F18A, REDW, Q15A, NLU, SNOW, GCMT, J17A, LOHW, AGO, Z13A, D19A, V14A, W14A, MVU, MSU, MSU, PLY, JYM, MPU, E19A, T15A, C20A, X14A, Y14A, RLMT, RLMT, I18A, J18A, U15A, VERF, M17A, Z14A, N17A, K18A, FFC, FFC, B21A, I14A, TMUT, V15A, R16A, S16A, H19A, Q16A, O17A, L18A, C21A, FFC, X15A, BW06, Y15A, BW06, I19A, PDAR, PDAR, TRIS, TRIS, P17A, G20A, J19A, D21A, I15A, SRU, SRU, R17A, P18A, O18A

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Table with columns: E21A, N18A, S17A, K19A, U16A, H20A, T17A, Q18A, I20A, X16A, M19A, C22A, I16A, D22A, U17A, N19A, Z16A, J20A, K20A, LAO, LAO, V17A, R18A, O19A, Z16A, W17A, L20A, C23A, H21A, X17A, I21A, Y17A, T18A, J21A, Q19A, A24A, M20A, DGMT, DGMT, SFJD, SFJD, N20A, I17A, TUC, TUC, V18A, K21A, PV04, O20A, TAM, TAM, TAM, L21A, P20A, Y18A, M21A, J22A, RWWY, Q20A, PV01, N21A, K22A, R20A, I18A, O21A, S20A, X19A, S18A, Y19A, U20A, Q21A, Z19A, I19A, V20A, R21A, S21A, N22A, W20A, Y19A, SMC0, O22A, P22A, X20A



319A	baz=123,SNR=6.1	123.40	58	PKIKP	PKIKP	00 19 06.5 +2.0	AGNM	comp=Z,1.1m,21.0s,MSS.5	LR	LR	JCT	comp=Z,1.1m,22.0s,MSS.6	LR	LR					
Q23A	baz=123,SNR=11	123.49	49	PKIKP	PKIKP	00 19 06.8 +2.4	V26A	Tequesquite Ra 126.78	52	PKIKP	PKIKP	00 19 12.3 +1.2	JCT	comp=Z,1.1m,22.0s,MSS.6	131.52	57	PKIKP	PKPpdf	00 19 21.0 +1.2
M22A	baz=123,SNR=17	123.43	46	PKIKP	PKIKP	00 19 06.0 +1.6	PAB	San Pablo 126.86	313	PKPpdf	PKPpdf	00 19 12.1 +1.4	JCT	comp=Z,1.1m,22.0s,MSS.6	131.78	40	PFAKE	MLR	00 19 30.0 +1.0
T21A	Navajo Lake 123.54	51	PKIKP	PKIKP	00 19 07.0 +2.4	PAB	San Pablo 126.86	313	PKIKP	PKPpdf	00 19 12.1 +1.5	SCIA	comp=Z,1.1m,22.0s,MSS.5	131.78	40	PFAKE	LR	00 19 30.0 +1.0	
N23A	Red Feather La 123.56	46	PKIKP	PKIKP	00 19 06.1 +1.6	125A	Gardner Draw, 126.95	56	PKIKP	PKIKP	00 19 13.3 +1.8	KIC	comp=Z,1.1m,22.0s,MSS.5	131.96	271	ePKP1	PKPpdf	00 19 22.2 +1.1	
U21A	Nageezi 123.59	52	PKIKP	PKIKP	00 19 06.8 +2.0	225A	Deer Hill, Car 126.95	56	PKIKP	PKIKP	00 19 13.7 +2.1	DBIC	comp=Z,1.6m,0.8s,ba=83,slow=2.6,SNR=16	132.10	271	PKP	SKPbc	00 22 49.0 +3.5	
Z20A	Nine Steep R 123.62	56	PKIKP	PKIKP	00 19 07.0 +2.2	SHEL	Horse Pasture 126.98	242	PFAKE	LR	00 19 20.0 +8.5	DBIC	comp=Z,1.5m,1.1s,ba=140,slow=19.0,SNR=8.2	132.10	271	PKPpdf	PKPpdf	00 19 22.7 +1.4	
120A	U Bar Ranch, L 123.71	57	PKIKP	PKIKP	00 19 07.3 +2.2	325A	comp=Z,2.0m,20.0s,MSS.8	Bean Ranch, SJ 127.00	57	PKIKP	PKIKP	00 19 13.2 +1.5	DBIC	comp=Z,1.1m,20.0s,MSS.7	132.10	271	PKIKP	PKPpdf	00 19 22.9 +1.6
RSSD	Black Hills 123.72	42	ePKPpdf	LR	00 19 05.3 +0.8	X26A	CR and CF Fran 127.12	53	PKIKP	PKIKP	00 19 13.2 +1.4	DBIC	comp=Z,1.6m,0.8s			pmax	pmax	00 19 22.9 +1.6	
RSSD	Black Hills 123.72	42	ePKIKP	PKPpdf	00 19 05.3 +0.8	425A	Indio Mountain 127.12	58	PKIKP	PKIKP	00 19 13.3 +1.4	LIC	comp=N,1.5m,1.1s	132.22	270	ePKP1	PKPpdf	00 19 23.4 +1.8	
PHWY	Pilot Hill 123.77	46	PKPpdf	PKIKP	00 19 05.6 +0.9	226A	Caproock 127.34	55	PKIKP	PKIKP	00 19 13.4 +1.2	TIC	comp=N,92nm,1.2s	132.26	271	ePKP1	PKPpdf	00 19 22.7 +1.1	
R22A	Saguache, Gunn 123.79	50	PKIKP	PKIKP	00 19 07.8 +2.8	126A	Clayton Basin, 127.47	56	PKIKP	PKIKP	00 19 13.7 +1.2	TIC	comp=N,100nm,1.2s	132.26	271	ePKP1	PKPpdf	00 19 22.7 +1.1	
Q23A	Lake Granby, G 123.80	47	PKIKP	PKIKP	00 19 07.0 +2.0	226A	Malaga, Loving 127.55	56	PKIKP	PKIKP	00 19 13.7 +1.0	SCHO	comp=N,5.1m,0.5s,ba=214,slow	132.85	11	PKP	SKPbc	00 19 23.6 +2.1	
O22A	4UR Ranch, C 123.87	50	PKIKP	PKIKP	00 19 07.7 +2.5	W27A	Bowe Ranch, En 127.56	52	PKIKP	PKIKP	00 19 14.2 +1.6	SCHO	comp=N,2.1m,1.0s,ba=7.7,slow=2.6,SNR=10	132.85	11	PKP	SKPbc	00 22 48.6 +1.9	
220A	Playas Peak, P 123.92	57	PKIKP	PKIKP	00 19 07.7 +2.2	Y27A	Causey 127.83	54	PKIKP	PKIKP	00 19 14.6 +1.4	SCHO	comp=N,2.1m,1.0s,ba=7.7,slow=2.6,SNR=10	132.85	11	PKP	SKPbc	00 19 23.6 +2.1	
X21A	Alamocita Cree 123.98	54	PKIKP	PKIKP	00 19 07.8 +2.3	326A	Caldwell Ranch 127.84	57	PKIKP	PKIKP	00 19 14.6 +1.3	SCHO	comp=N,2.1m,1.0s,ba=7.7,slow=2.6,SNR=10	132.85	11	PKP	SKPbc	00 22 48.6 +1.9	
T22A	Edith 124.02	51	PKIKP	PKIKP	00 19 07.9 +2.3	Z27A	Tatum 127.94	54	PKIKP	PKIKP	00 19 15.1 +1.6	JFWS	comp=Z,1.1m,21.0s,MSS.6	133.06	37	PKPpdf	PKPpdf	00 19 22.4 +0.1	
320A	Kipp Ranch, An 124.03	58	PKIKP	PKIKP	00 19 07.7 +1.9	426A	McDonald Obser 127.95	58	PKIKP	PKIKP	00 19 14.8 +1.3	JFWS	comp=Z,946nm,20.0s,MSS.5	133.06	37	PKIKP	PKPpdf	00 19 22.4 +0.1	
P23A	Jefferson 124.12	48	PKIKP	PKIKP	00 19 08.1 +2.4	526A	Mary Lane Ranch 128.04	59	PKIKP	PKIKP	00 19 15.3 +1.6	JFWS	comp=Z,946nm,20.0s,MSS.5	133.06	37	PKIKP	PKPpdf	00 19 22.4 +0.1	
ISCO	Idaho Springs 124.15	48	PKIKP	PKIKP	00 19 07.3 +1.6	MVO	Moncorvo 128.10	316	ePKPpdf	PKPpdf	00 19 15.1 +2.1	KVXTX	comp=Z,942nm,19.0s,MSS.5	133.92	60	PFAKE	LR	00 19 40.0 +1.6	
ISCO	Idaho Springs 124.15	48	PKPpdf	LR	00 19 07.0 +1.5	MSTX	Muleshoe 128.11	54	PKIKP	PKIKP	00 19 15.2 +1.4	KVXTX	comp=Z,942nm,19.0s,MSS.5	133.92	60	PFAKE	LR	00 19 40.0 +1.6	
ISCO	Idaho Springs 124.15	48	PKIKP	PKPpdf	00 19 07.0 +1.6	626A	Big Bend Ranch 128.12	59	PKIKP	PKIKP	00 19 15.0 +1.1	HDIL	comp=Z,958nm,21.0s,MSS.5	135.02	49	PFAKE	LR	00 19 40.0 +1.4	
ISCO	Idaho Springs 124.15	48	PKIKP	PKPpdf	00 19 07.0 +1.6	PLCA	Paso Flores 128.14	163	PKP	PKPpdf	00 19 15.2 +2.0	MIAR	comp=Z,958nm,21.0s,MSS.5	135.02	49	PKPpdf	PKPpdf	00 19 28.2 +1.9	
Y21A	Point of Rocks 124.17	55	PKIKP	PKIKP	00 19 08.5 +2.6	PLCA	Paso Flores 128.14	163	PKPpdf	PKPpdf	00 19 15.2 +2.0	MIAR	comp=Z,1.1m,20.0s,MSS.6	135.02	49	PKIKP	PKPpdf	00 19 28.2 +2.0	
U22A	Laves 124.23	52	PKIKP	PKIKP	00 19 08.5 +2.6	PLCA	Paso Flores 128.14	163	PKPpdf	PKPpdf	00 19 15.0 +1.9	MIAR	comp=Z,1.1m,20.0s,MSS.6	135.02	49	PKIKP	PKPpdf	00 19 28.2 +2.0	
Q23A	Hartsel 124.27	49	PKIKP	PKIKP	00 19 08.2 +2.2	PLCA	Paso Flores 128.14	163	PKPpdf	PKPpdf	00 19 15.2 +2.1	CCM	comp=Z,1.1m,20.0s,MSS.6	135.06	44	PKPpdf	PKPpdf	00 19 27.1 +0.9	
Y22A	San Miguel Ran 124.31	52	PKIKP	PKIKP	00 19 08.4 +2.2	527A	Woodward Ranch 128.42	58	PKIKP	PKIKP	00 19 16.0 +1.5	CCM	comp=Z,692nm,19.0s,MSS.4	135.06	44	PKIKP	PKPpdf	00 19 27.1 +0.9	
Z21A	St. Cloud Mine 124.33	56	PKIKP	PKIKP	00 19 08.4 +2.1	427A	Hayter Ranch, 128.43	58	PKIKP	PKIKP	00 19 15.7 +1.2	FVM	comp=Z,692nm,19.0s,MSS.4	135.65	43	PKPpdf	PKPpdf	00 19 28.2 +0.9	
121A	Cookes Peak, D 124.41	57	PKIKP	PKIKP	00 19 08.7 +2.2	VRVL	Vila Real 128.52	317	ePKPpdf	PKPpdf	00 19 16.4 +2.6	FVM	comp=Z,692nm,19.0s,MSS.4	135.65	43	PKPpdf	PKPpdf	00 19 28.2 +0.9	
LAZ	Ladron 124.51	54	ePKPpdf	PKPpdf	00 19 08.7 +2.4	PCAB	Cabril 128.54	317	ePKPpdf	PKPpdf	00 19 16.3 +2.5	UJHLR	comp=Z,692nm,19.0s,MSS.4	135.64	48	PKPpdf	PKPpdf	00 19 28.8 +1.0	
X22A	Bernardo 124.59	54	PKIKP	PKIKP	00 19 09.5 +2.7	TXAR	Lajitas Array 128.56	59	PKPpre	PKPpre	00 19 07.5	OLIL	comp=Z,692nm,19.0s,MSS.4	136.79	41	PKPpdf	PKPpdf	00 19 30.4 +1.0	
T23A	Casias Ranch, 124.68	51	PKIKP	PKIKP	00 19 09.2 +2.3	TXAR	comp=Z,0.8nm,1.0s,ba=205,slow=2.4,SNR=4.3		PKPpdf	PKPpdf	00 19 15.2 +1.0	PARMO	comp=Z,692nm,19.0s,MSS.4	136.79	41	ePKPpdf	PKPpdf	00 19 30.4 +1.0	
LENN	Lemitar 124.70	54	PKPpdf	PKPpdf	00 19 08.7 +2.0	TXAR	comp=Z,3.9nm,0.9s,ba=201,slow=1.1,SNR=20		PKPpdf	PKPpdf	00 21 24.1 +4.2	GNAR	comp=Z,692nm,19.0s,MSS.4	136.79	41	ePKPpdf	PKPpdf	00 19 30.6 +0.7	
U23A	El Rito 124.76	52	PKIKP	PKIKP	00 19 09.6 +2.6	TXAR	comp=Z,3.6nm,1.1s,ba=289,slow=3.8,SNR=3.4		PKPpdf	PKPpdf	00 22 38.0	AAAM	comp=Z,692nm,19.0s,MSS.4	137.24	34	PFAKE	LR	00 19 40.0 +1.0	
Y22A	Socorro 124.76	55	PKIKP	PKIKP	00 19 09.1 +2.0	TXAR	comp=Z,2.6nm,1.0s,ba=270,slow=2.5,SNR=7.5		PKPpre	PKPpre	00 19 07.5	Glass	comp=Z,1.1m,22.0s,MSS.6	137.31	45	PKPpdf	PKPpdf	00 19 32.0 +1.5	
SDCO	Great Sand Dun 124.88	50	PKIKP	PKIKP	00 19 08.9 +1.7	TXAR	Lajitas Array 128.56	59	PKPpre	PKPpre	00 19 15.2	BLO	comp=Z,1.1m,22.0s,MSS.6	137.34	39	PKPpdf	PKPpdf	00 19 31.8 +1.0	
SDCO	Great Sand Dun 124.88	50	PKPpdf	LR	00 19 08.6 +1.7	TXAR			PKPpre	PKPpre	00 21 24.1	BLO	comp=Z,1.1m,22.0s,MSS.6	137.34	39	PKPpdf	PKPpdf	00 19 31.8 +1.0	
SDCO	Great Sand Dun 124.88	50	PKPpdf	LR	00 19 08.6 +1.7	TXAR			PKPpre	PKPpre	00 21 24.1	OXF	comp=Z,1.1m,22.0s,MSS.6	138.10	47	PKPpdf	PKPpdf	00 19 32.9 +0.9	
ANMO	Albuquerque 124.91	53	PKP	PKPpdf	00 19 09.0 +2.0	TXAR	comp=Z,1.0nm,1.0s		pmax	pmax	00 19 15.2	OXF	comp=Z,1.1m,22.0s,MSS.6	138.10	47	PKIKP	PKPpdf	00 19 32.9 +0.9	
ANMO	Albuquerque 124.91	53	PKPpdf	PKPpdf	00 19 09.2 +2.1	TXAR	comp=Z,4.0nm,0.9s		pmax	pmax	00 19 15.2	OXF	comp=Z,1.1m,22.0s,MSS.6	138.10	47	PKIKP	PKPpdf	00 19 32.9 +0.9	
ANMO	Albuquerque 124.91	53	PKIKP	PKPpdf	00 19 09.2 +2.2	TXAR	comp=Z,4.0nm,1.1s		pmax	pmax	00 19 15.2	WCI	comp=Z,1.1m,22.0s,MSS.6	138.24	40	PKPpdf	PKPpdf	00 19 34.6 +2.5	
ANMO	Albuquerque 124.91	53	PKIKP	PKPpdf	00 19 09.2 +2.2	TXAR	comp=Z,4.0nm,0.9s		pmax	pmax	00 19 15.2	WCI	comp=Z,1.1m,22.0s,MSS.6	138.24	40	PKPpdf	PKPpdf	00 19 34.6 +2.5	
V23A	Ortiz Mt. (NFS 124.92	52	PKIKP	PKIKP	00 19 10.4 +3.0	AMTX	Amarillo 128.69	52	PKIKP	PKIKP	00 19 15.9 +0.9	WCI	comp=Z,1.1m,22.0s,MSS.6	138.24	40	PKIKP	PKPpdf	00 19 34.6 +2.5	
Z22A	Elephant Butte 124.92	56	PKIKP	PKIKP	00 19 09.4 +2.0	AMTX	Amarillo 128.69	52	PKPpdf	PKPpdf	00 19 16.2 +1.9	WCI	comp=Z,1.1m,22.0s,MSS.6	138.24	40	PKIKP	PKPpdf	00 19 34.6 +2.5	
LPM	Los Pinos Moun 124.94	54	PKPpdf	PKPpdf	00 19 09.2 +2.1	ECSD	EROS Data Cent 128.70	40	PKPpdf	PKPpdf	00 19 14.6 +0.6	VBMS	comp=Z,1.1m,22.0s,MSS.5	138.33	51	PFAKE	LR	00 19 40.0 +7.6	
BNN	Barren Site 124.98	54	PKPpdf	PKPpdf	00 19 09.2 +2.0	ECSD	Cedar Bluff 128.76	47	PKPpdf	PKPpdf	00 19 15.8 +1.6	VBMS	comp=Z,1.1m,22.0s,MSS.5	138.33	51	PFAKE	LR	00 19 40.0 +7.6	
222A	Corniff Cattle 125.02	56	PKIKP	PKIKP	00 19 10.2 +2.6	CBKS	Cedar Bluff 128.76	47	PKPpdf	PKPpdf	00 19 15.8 +1.6	WVT	comp=Z,1.1m,20.0s,MSS.7	138.39	44	PKPpdf	PKPpdf	00 19 32.8 +0.3	
R24A	Sanders Place, 125.02	49	PKIKP	PKIKP	00 19 09.4 +1.9	CBKS	Cedar Bluff 128.76	47	PKPpdf	PKPpdf	00 19 15.8 +1.6	WVT	comp=Z,773nm,20.0s,MSS.4	138.39	44	PKIKP	PKPpdf	00 19 32.8 +0.4	
222A	Williams Famil 125.07	57	PKIKP	PKIKP	00 19 09.7 +1.9	CBKS	Cedar Bluff 128.76	47	PKIKP	PKPpdf	00 19 15.9 +1.6	WVT	comp=Z,773nm,20.0s,MSS.4	138.39	44	PKIKP	PKPpdf	00 19 32.8 +0.4	
W23A	Werner Place, 125.10	53	PKIKP	PKIKP	00 19 09.9 +2.2	627A	Terlingua Ranc 128.77	59	PKIKP	PKIKP	00 19 16.2 +1.0	LCO	comp=Z,1.1m,20.0s,MSS.5	138.75	156	PKPpdf	PKPpdf	00 19 32.8 -0.5	
S24A	Houchin Ranch, 125.13	50	PKIKP	PKIKP	00 19 10.2 +2.5	MTE	Manteigas 128.78	316	ePKPpdf	PKPpdf	00 22 39.6	ACSO	comp=Z,2.0m,19.0s,MSS.8	139.00	35	PKPpdf	PKPpdf	00 19 34.1 +0.7	
O25A	Wiggins 125.13	47	PKIKP	PKIKP	00 19 09.3 +1.6	MTE	Manteigas 128.												

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNNC, DWPF Disney, SPB Sao Paulo, CAM4 Nova Friburgo, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ATKA Atka Island, AMKA Amchitka, UNV Unalaska Valle, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AYVA Ayvalik, UZLA Izmir, BLCB Balcova, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BINT Bingol, PTK Pertek, SVRC Sivrice-ELAZDI, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALID Alaid, GRL Gorelyy, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AVH Avacha, GNL Ganaly, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZAK Zakamensk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, EKSZ Erkin-Say, CHTO Chiang Mai, etc.

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



Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Mitsune, Hachioji jima 2, etc.

Table with columns: Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ODAN Odare, PSI Prapat, GUN Gumba, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JOF, JOF Joensuu, TRO Tromso, TRO Tromso, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like A19A Klindworth Far, BOZ Bozeman (W), E17A Martinsdale, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like X21A Alamocita Cree, Z20A Nine Sixteen R, ANMO Albuquerque, etc.

NEIC 14 04:14:34.507.9:04S:126.99E,h35km,mb4.4/1, Error ellipse: s-maj=15.8km s-min=9.9km az=59.0, IDC 14 04:14:30.51.3.8:29S:126.68E,h0km,mb4.3/4, mb1 4.3/5, mb1mx3.9/16, mbtmp4.3/5, ML4.3/1, Error ellipse: s-maj=100.1km s-min=24.0km az=70.0, Timor region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

DJA 14 04:15:24.264N:126.56E,h8km,MLV3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SGSI Sangihe, TNI Tange, MNI Manado, etc.

ISCJB 14 04:30:23.8:3.1.5:55N:0.05x:125:59E:0.08,h14km,21km, mb3.4/3, Error ellipse: s-maj=14.0km s-min=7.8km az=109.2

MAN 14 04:30:25.5:49N:125:62E,h34km,mb4.8,ML3.7,MS3.7 IDC 14 04:30:35.8:1.9.4:20N:125.83E,h0km,mb3.3/4, mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, Error ellipse: s-maj=116.4km s-min=23.7km az=69.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MATI Mati, KCP Kidapawan, WRA Warramunga Arr, etc.

ISCJB 14 04:36:34.1:6.3.2:167N:143:14E,h361km,67km,mb2.9/7, mb1 3.2/8, mb1mx3.0/23, mbtmp3.0/8, Error ellipse: s-maj=35.8km s-min=19.7km az=92.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

IDC 14 04:53:13.5:3.1.4:72S:152.71E,h0km,mb3.8/5, mb1 4.0/5, mb1mx3.7/17, mbtmp3.8/5, Error ellipse: s-maj=85.0km s-min=31.6km az=108.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

DJA 14 05:12:50.1:33S:121.82E,h4km,MLV3.7/4, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like APSI Ampana, LUWI Luwuk, MRSI Marisa, etc.

MEX 14 05:20:16.3:0.3.16:02N:98.47W,h6km,5km,MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, HUIG Huatulco, etc.

OMAN 14 05:21:34.9:99.0.2:77.8N:55:66E,h10km, Error ellipse: s-maj=195.2km s-min=17.6km az=353.0

IDC 14 05:21:44.8:0.7.26:73N:55:89E,h0km,mb4.2/18, mb1 4.2/22, mb1mx4.2/30, mbtmp4.2/22, ML3.9/2, MS3.3/8, Ms1 3.3/8, ms1mx2.9/38, Error ellipse: s-maj=18.1km s-min=13.9km az=165.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MJAR Matsushiro Arr, KRSR Korea Array, WRA Warramunga Arr, etc.

ISCJB 14 04:51:33.8:1.1.3:78N:0.04:20:30E:0.05,h2km,6km, Error ellipse: s-maj=8.3km s-min=6.3km az=43.1

Table with columns for station name, frequency, power, and other technical details. Includes stations like BND5 Bandar-Abbas, ASHO Ashijah, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZEI, MMAI, ATD, KIV, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BURAR, BND5, BZS, and many others.









Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WFLW, TAOE, HLID, WVOR, RLMT, MCWV, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KIWV, DUWZ, OWGW, MRZ, CAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PPT, WB2, WBR2, WARR, WRA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JEM, JCH, JNB, etc.

ISCJB 14 09:25:11.0... NEIC 14 09:25:11.3... NEIC Felt (V) at Hawera, Karori, New Plymouth, Paraparaumu, Wanganui, Wellington, Westown and Whitty. Felt in the southern part of the North Island and the northern part of the South Island.





14d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ROSC El Rosal, VIGV El Vigia, SOCV Socops, ELOV Elorza, etc.

IDC 14 12:52:28.5:2.1,21.40S:70.55W,h40km,47km,mb3.4/3, mb1 3.7/5,mb1mx3.5/17,mbtmb3.4/5,ML3.7/2,Error ellipse: s-maj=43.3km s-min=30.5km az=81.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LPAZ La Paz, PLCA Paso Flores, BDFB Brasilia, etc.

ISCJB 14 13:43:49.5:1.5,21.2S:0.1x68.5W:0.3,h118km,mb3.3/1, Error ellipse: s-maj=37.6km s-min=17.9km az=7.0

IDC 14 13:43:51.1:1.2,21.12S:68.54W,h118km,14km,mb3.4/2, mb1 3.3/4,mb1mx3.1/17,mbtmb3.2/4,MS4.1/1,mb1 3.4/1, ms1mx2.6/12, Error ellipse: s-maj=24.6km s-min=13.7km az=105.0

ISC 14 13:43:51.3:1.5,21.1S:0.1x68.5W:0.3,h118km,n6, o=577/4,mb3.3/1,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LPAZ La Paz, PLCA Paso Flores, BDFB Brasilia, etc.

NEIC 14 13:51:44.3, 17.86N:103.17W,h3km,MD4.1(MEX), After MEX.

MEX 14 13:51:44.3:0.4,17.85N:103.17W,h3km,3km,MD4.1, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MMIG Aquila, ZIIG Zihuatanejo, EZSV Ezsv, etc.

IDC 14 14:00:01.9:4.1, 12.75N:143.50E,h154km,219km, mb3.5/3,mb1 3.7/3,mb1mx3.0/21,mbtmb3.5/3, Error ellipse: s-maj=371.5km s-min=98.7km az=1.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

INMG 14 14:03:36.9:1.7, 38.20N:0.63W,h22km,4km,ML3.8, Error ellipse: s-maj=5.7km s-min=2.3km az=113.0

ISCJB 14 14:03:36.4:0.3, 38.41N:0.01:1.06W:0.01,h1km,1km, Error ellipse: s-maj=2.2km s-min=1.6km az=141.2

CSEAM 14 14:03:38.1:0.1, 38.32N:0.97W,h2km,ML4.0/58, Error ellipse: s-maj=2.1km s-min=1.5km az=135.0

CRAAG 14 14:03:39.6, 39.20N:0.90W,ML3.5

NEIC 14 14:03:39.1, 38.27N:0.88W,h0km,ML3.8(LDG), ML3.3(STF),MN3.5(MDD), After MDD.

NEIC Feit at Aspe, Crevillente, Molina de Segura, Santomera and Yebra

SFS 14 14:03:39.0, 38.26N:0.87W,h4km,ML3.5

IGIL 14 14:03:39.4, 38.27N:0.88W,h4km,ML3.5

LDG 14 14:03:39.5:0.1, 38.25N:0.87W,h2km,ML3.8/14, Error ellipse: s-maj=2.8km s-min=1.3km az=138.0

MDD 14 14:03:40.0:0.2, 38.27N:0.89W,h1km,mbL3.5/46, Error ellipse: s-maj=2.9km s-min=1.8km az=131.0, PRIMO FRAILES III ELDA ELCHÉ ASPE PETREUR MURCIA ABANILLA FORTUNA SANTOMERA II NOVELDA ALICANTE

MDD EMS: IV CREVILLENTE ALBATERA HOND DE LOS.

CNRM 14 14:03:41.7, 38.22N:0.68W,h30km,MD3.8

STR 14 14:03:46.2:0.4, 38.75N:0.85W,h10km,ML3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 14 14:03:38.7:0.3, 38.34N:0.01:0.98W:0.01,h8km,11km, n550, o121/961,20C-20D,Spain

2008 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ETOB Tobarra, EBEN Beniarda, EBEN Beniarda, EBEN Beniarda, etc.

638

Main table with columns: EBAN Banos Encina, EQUER Quantar, EQUER Quantar, EQUER Quantar, etc.













14d 16h

2008 SEP

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

NIED 14 16:25:00.41.70N.144.30E, h20km, Mw3.8 Best double couple: M6.47000x1014 NP1.3s11.00000x888.00000x7.51.00000...

ISCJB 14 16:25:00.41.70N.144.30E, h20km, Mw3.8 Best double couple: M6.47000x1014 NP1.3s11.00000x888.00000x7.51.00000...

NEIC 14 16:25:09.71.91.41.30N.144.90E, h4km, mb3.76, m1 3.9/9, mb1mx3.6/26, mbtm3.7/8, ML3.0/3, MS2.4/1, MS1 2.4/1, ms1mx2.2/24, Error ellipse: s-maj=0.4, 1km s-min=20.8km az=82.0

ISCJB 14 16:25:11.71.8.41.62N.105.144.6E:0.1, h1.7km, 1.1km, mb3.7/7, Error ellipse: s-maj=16.6km s-min=8.4km az=15.1

NEIC 14 16:25:12.9.6.7.41.75N.144.51E, h12km, 35km, mb3.8/1, Error ellipse: s-maj=36.2km s-min=11.1km az=88.0

JMA 14 16:25:15.5.0.3.41.73N.144.30E, h28km, 3km, M3.9

ISC 14 16:25:12.9.2.1.41.74N.0.06:144.5E:0.1, h8km, 1.0km, n21, c0.88/24, mb3.77, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ERM Erimo, JEM Erimo, JCH Churui, etc.

ISCJB 14 16:29:57.9.0.3.61.82N.102.150.96W, h71km, 3km, mb3.9/23, Error ellipse: s-maj=5.1km s-min=3.9km az=6.1

ISC 14 16:29:59.2.0.7.61.94N.151.05W, h66km, 6km, mb3.7/13, m1 3.9/17, mb1mx3.8/26, mbtm3.7/17, MS3.0/4, MS1 3.0/4, ms1mx2.7/23, Error ellipse: s-maj=1.8km s-min=8.7km az=100.0

NEIC 14 16:29:59.8.61.76N.150.95W, h61km, mb4.0/10, ML4.2(PMR), M3.9(AEIC), After ALC

NEIC 14 16:29:59.2.0.3.61.81N.102.150.96W, h64km, 3km, h17km, 1.5km, pp-P, n80, c0.97/85, mb4.0/23, Southern Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BPAW Bear Paw Mtn, CNPM China Pot, SVW2 Sparrevohn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DLBC Dease Lake, BBB Bella Bella, BBB Bella Bella, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, JCT Junction City, BINY Binghamton, etc.

ISC 14 16:33:41.2.1.3.9.72N.126.37E, h0km, mb3.8/8, m1 3.9/8, mb1mx3.7/21, mbtm3.8/8, Error ellipse: s-maj=10.7km s-min=16.7km az=71.0

NEIC 14 16:33:42.7.0.7.9.73N.126.43E, h10km, Error ellipse: s-maj=6.4km s-min=8.1km az=70.0

MAN 14 16:33:44.9.65N.126.41E, h1km, mb4.8, ML3.7, MS3.7

ISC 14 16:33:42.7.1.5.9.69N.105.126.54E:0.05, h1km, 0.5km, n25, c1.957/31, mb3.8/8, 1C-2D, Mindanao

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

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, ASAR Alice Springs, etc.

IDC 14 16:34:53.4.4.8.19.34S.176.05W, h0km, mb3.9/4, m1 4.1/4, mb1mx3.7/18, mbtm3.9/4, Error ellipse: s-maj=147.5km s-min=94.2km az=156.0, Fiji Islands region

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

PGC 14 16:41:42.3.9.6.63.07N.142.98W, h15km, ML2.9/3, 207km Wsw of Dawson, Y1 Central Alaska

NEIC 14 16:41:48.3.63.12N.143.44W, h20km, ML2.9(PGC), ML2.5(AEIC), 3D, After ALC, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MENT Mentasta, DOT Dot Lake, BCAA Beaver Creek A, etc.

ISCJB 14 16:45:30.1.0.5.22.72S.0.04:69.44W:0.06, h65km, 4km, mb4.1/14, Error ellipse: s-maj=9.1km s-min=6.2km az=66.0

GUC 14 16:45:30.9.1.2.22.67S.69.53W, h65km, 15km, MD4.2, ML4.5

NEIC 14 16:45:30.9.22.67S.69.53W, h65km, mb4.2/7, MD4.2(GUC), After GUC

NEIC 14 16:45:30.9.22.73S.69.42W, h67km, 4km, mb3.9/9, mb1 4.0/12, mb1mx4.0/18, mbtm3.8/12, MS3.5/2, MS1 3.4/2, ms1mx2.7/23, Error ellipse: s-maj=18.3km s-min=16.2km az=58.0

BUI 14 16:45:36.9.22.70S.69.50W, h65km

ISC 14 16:45:31.2.0.5.22.73S.0.04:69.44W:0.06, h57km, 4km, mb3.8/8, 9km, pp-P, n125, c0.70/120, mb4.2/14, MS3.4/2, 47C-34D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MACH Maria Elena, MACH Tocopilla, MECH Mejillones, etc.

CFAA comp=E, 0.1nm, 0.3s, baz=357, slow=12, SNR=16

CFAA comp=E, 0.2nm, 0.3s, baz=164, slow=8.9, SNR=9.9

CPUP Villa Florida 11.60 11.00 Pn 16 48 14.3 +0.4

TRQA Torquist 16.97 159 eP Pn 16 49 22.1 +2.6

PLCA Paso Flores 17.97 183 Pn 16 49 36.4 -0.5

PLCA Paso Flores 17.97 183 Pn 16 49 36.2 -0.7

BDFB Brasilia comp=E, 1.7nm, 1.0s, mb3.7, baz=243, slow=22, SNR=6.0

BDFB comp=E, 3.4nm, 0.8s, mb3.7, baz=243, slow=22, SNR=6.0

RCBR Riachuelo 36.46 68 Pn 16 52 30.3 -0.5

RCBR comp=E, 6.1nm, 0.7s, mb4.6, baz=243, slow=11, SNR=3.4

JCT Junction City 60.41 330 U P 16 55 33.9 -0.8

628A Black Gap, Mar 61.08 327 U P 16 55 38.4 -0.9





Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NCU National Center, TATO Taipei, CHN3 Shinhua, etc.

MOS 14 17:53:21.0-0.7, 47.437N, 44.202E, h19km, mb3.8/1, 2C-2D, Error ellipse: s-maj=13.7km s-min=9.4km az=101.2, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BTKR Batakoyurt, PRTR Prirechnaya, ARNR Ardon, etc.

MEX 14 17:56:31.7-0.7, 17.733N, 103.277W, h10km, MD3.8, Near coast of Michoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ZIIG Zihuataejo, EZSV EZSV, MOIG Morelia, etc.

IDC 14 18:05:18.9-1.1, 32.733N, 105.87E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4-2.2, mbtpm3.5/5, Error ellipse: s-maj=160.8km s-min=43.3km az=57.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, LZH Lanzhou, etc.

ISCJB 14 18:29:24.8-0.5, 2.89N, 0.06E, 76.05W, h0km, mb3.9/12, MS3.8/2, Error ellipse: s-maj=10.7km s-min=6.5km az=40.6

Ms 1 3.8/2, ms1mx3.0/25, Error ellipse: s-maj=20.1km s-min=14.2km az=129.0

NEIC 14 18:29:03.4, 2.18N, 76.00W, h31km, 26km, mb4.1/6, Error ellipse: s-maj=14.0km s-min=11.4km az=112.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ROSC El Rosal, SDV Santo Domingo, ATAH Atahualpa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BAKI Biak, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGAK Eagle, HHC Hu-ho-hao-te, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEM Membach, TNS Taunus Mts, GZR Gura Zlata, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

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

NEIC 14 19:50:12.6-0.9, 35.145S, 108.52W, h10km, mb4.4/4, Error ellipse: s-maj=31.0km s-min=21.6km az=53.0

IDC 14 19:50:13.4-0.9, 34.725S, 108.23W, h0km, mb4.1/7, mb1 4.3/7, mb1mx4.1/18, mbtmp4.1/7, MS3.8/7, MS1 3.8/7, ms1mx3.6/20, Error ellipse: s-maj=28.0km s-min=26.2km az=38.0

ISC 14 19:50:12.4-1.2, 35.15S, 108.6W, 0.2, h10km, n21, c6711/12, mb4.1/9, MS3.8/7, Southern East Pacific Rise

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

IDC 14 19:58:18.4-2.1, 5.99S, 130.21E, h0km, mb3.9/2, mb1 4.0/5, mb1mx3.6/16, mbtmp3.9/5, ML4.0/3, Error ellipse: s-maj=78.4km s-min=24.9km az=73.0, Banda Sea

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

ATH 14 20:03:24.3, 36.27N, 21.58E, h34km, 4km, MD3.5/5, ISCJB 14 20:03:26.0, 0.9, 36.36N, 0.0, 21.97E, 0.0, 7, h10km, Error ellipse: s-maj=7.9km s-min=5.5km az=157.9

CSEM 14 20:03:26.3, 0.6, 36.38N, 21.87E, h10km, ML2.4/6, Error ellipse: s-maj=14.4km s-min=9.3km az=64.0

THE 14 20:03:28.6, 36.38N, 22.01E, h24km, 3km, ML2.4/6, Error ellipse: s-maj=4.8km s-min=1.9km az=245.0

NEIC 14 20:03:36.4, 36.86N, 22.32E, h13km, ML2.7(ATH), After ATH

ISC 14 20:03:26.7-0.9, 36.36N, 0.0, 22.01E, 0.0, 7, h10km, n44, c1171/73, Southern Greece

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

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

DDA 14 20:04:41.8, 34.83N, 26.79E, h26km, Md4.0, IDC 14 20:04:45.3, 0.7, 35.40N, 26.99E, h0km, mb3.9/14, mb1 3.9/18, mb1mx3.9/28, mbtmp3.9/18, ML3.8/4, MS3.2/3, MS1 3.3/3, ms1mx2.6/34, Error ellipse: s-maj=18.4km s-min=14.3km az=176.0

ISCJB 14 20:04:46.9, 0.2, 35.14N, 0.0, 27.25E, 0.0, 2, h10km, mb3.8/16, MS3.4/2, Error ellipse: s-maj=2.9km s-min=2.3km az=9.2

ISK 14 20:04:48.0, 35.18N, 27.11E, h19km, ML3.9, NEIC 14 20:04:51.7, 0.5, 35.30N, 27.12E, h49km, 5km, mb3.7/11, Error ellipse: s-maj=8.1km s-min=5.4km az=175.0

CSEM 14 20:04:51.6, 0.1, 35.20N, 27.18E, h40km, ML3.4, Error ellipse: s-maj=3.2km s-min=2.6km az=26.0

THE 14 20:04:52.2, 35.42N, 27.02E, h2km, 1km, ML3.6/10, Error ellipse: s-maj=2.0km s-min=0.6km az=139.0

ATH 14 20:04:52.8, 35.57N, 26.95E, h26km, 2km, ML3.7, SSS 14 20:04:53.7, 34.92N, 27.35E, h19km, HLW 14 20:04:57.0, 34.65N, 27.53E, h32km, 35km, Md3.5, ML2.9

ISC 14 20:04:48.6-0.2, 35.19N, 0.0, 27.18E, 0.0, 2, h10km, n275, c1939/350, mb3.8/16, MS3.4/2, Dodecanese Islands

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

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



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGG Agios Georgios, ALN Alexandroupoli, AMAG Maghara, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNB Canberra Magne, CTA Charters Tower, TOO Toolangi, etc.

ADC 14:20:11.49.1.3.6.5.14S.151.87E,h0km,mb3.5/3, mb1 3.7/3, mb1mx3.4/17, mbtm3.5/3, Error ellipse: s-maj=122.1km s-min=49.9km az=122.0, New Britain region

Table with columns for station code, name, coordinates, elevation, and various data points. Includes stations like SRBI Singaraja, QSPA South Pole Qui, and many others.

Table with columns for station code, name, coordinates, elevation, and various data points. Includes stations like TIA Tai'an, PLCA Paso Flores, and many others.

Table with columns for station code, name, coordinates, elevation, and various data points. Includes stations like LZH Lanzhou, ATAH Athalupa, and many others.



Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Membach, Taunus Mts, Kasperske Hory, Grafenberg Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KRSC Kuril Islands, ALID Alaid, AVHD Avacha, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KARP Karpathos, ZAKR Zakros, NIS1 Nisyros Isl, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ARG Arkhangelos, DAT Data, NPS Neapolis, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LAST Lasithi, BODT Bodrum, BODM Bodum, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VER Vereskis, APE Apeiranthos, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MAN Manildano, CTBH Cotabato-PC H, CTBH Cotabato, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, PNIG Pinotepa, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MEX Mexico, PLIG Platanillo, PLIG Platanillo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SOF Sof, SKO Sko, CSEM CSEM, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KNT Kendrickron, KNT Kendrickron, SRRS Serrai, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, VAY Valandovo, etc.

Summary text at the bottom of the page, including station codes and coordinates.



15d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, VOIR, BURAR Bucovina Array, etc.

BUI 14 23:37:43.4, 23.48N, 102.71E, h15km, ML3.6/8
PLV 14 23:37:53.1, 1.0, 23.76N, 105.33E, h0km, 7km, MD3.9

ISC 14 23:37:43.3, 0.7, 23.47N, 102.76E, 0.06, h10km, n8,
s=125/20, 1D, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI Kunming, BVV Ba Vi, BGV Bac-Giang, etc.

WEL 14 23:37:48.0, 4.0, 6.7, 19S, 176.52E, h214km, 6km, ML3.7/15,
Error ellipse: s-maj=10.7km s-min=7.7km az=90.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, MWZ Matawai, MXZ Matakaoa Point, etc.

ISCJB 14 23:57:21.5, 0.5, 61.16S, 0.06:67.7W, 0.3, h10km,
mb4.4/17, MS3.5/7, Drake Passage

ISC 14 23:57:21.4, 0.6, 61.22S, 67.80W, h0km, mb4.4/12,
mb1.4, 5/14, mb1mx4.4/20, mbtmp4.4/14, ML4.2/2, MS3.5/9,

NEIC 14 23:57:25.1, 2.2, 61.17S, 67.71W, h24km, 15km, mb4.6/12,

Error ellipse: s-maj=13.1km s-min=5.8km az=86.0
ISC 14 23:57:23.3, 0.5, 61.18S, 0.06:67.6W, 0.3, h10km, 31km,

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

CSEM 15 00:05:23.9, 0.7, 39.19N, 17.47E, h2km, ML3.7/5, Error
ellipse: s-maj=13.9km s-min=4.8km az=108.0

ISCJB 15 00:05:26.6, 1.4, 39.19N, 17.41E, 0.10, h16km, 10km,
Error ellipse: s-maj=13.5km s-min=5.5km az=21.7

ROM 15 00:05:27.1, 0.4, 39.20N, 17.34E, h19km, 5km, MD2.9/20,
ML3.0/20, Error ellipse: s-maj=4.3km s-min=2.5km az=93.0

ISC 15 00:05:26.3, 1.4, 39.18N, 17.40E, 0.09, h10km, 7km,

ISC 14 23:57:25.1, 2.2, 61.17S, 67.71W, h24km, 15km, mb4.6/12,

ISC 14 23:57:25.1, 2.2, 61.17S, 67.71W, h24km, 15km, mb4.6/12,

ISC 15 00:05:26.3, 1.4, 39.18N, 17.40E, 0.09, h10km, 7km,

ISC 15 00:05:26.3, 1.4, 39.18N, 17.40E, 0.09, h10km, 7km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAC Placanica, ORI Oriolo Calabro, JOPP Joppo, etc.

CSEM 15 00:06:35.4, 0.2, 42.50N, 23.73E, h5km, ML2.7/3, Error
ellipse: s-maj=7.7km s-min=2.2km az=165.0

SKO 15 00:06:36.7, 4.2, 48N, 23.70E, h0km, M2.4, ML2.6
THE 15 00:06:37.1, 4.2, 48N, 23.60E, h1km, 1km, ML2.7/3, Error
ellipse: s-maj=2.8km s-min=0.5km az=57.0

SOF 15 00:06:35.0, 42.44N, 23.70E, h20km, MD2.8, 1C-6D,
Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PGB Panagyurishte, VTS Vitoshka, VAY Valandovo, etc.

ISCJB 15 00:19:29.0, 0.9, 36.30N, 0.06:49.96E, 0.07, h10km, Error
ellipse: s-maj=9.6km s-min=7.0km az=153.4

DDA 15 00:19:28.7, 36.38N, 40.88E, h1km, 1km, MD3.3
CSEM 15 00:19:28.7, 36.38N, 40.88E, h1km, MD3.3, After DDA

ISC 15 00:19:30.1, 0.9, 36.35N, 0.06:41.02E, 0.05, h10km, n24,
s=114/36, 1ra

ISC 15 00:19:30.1, 0.9, 36.35N, 0.06:41.02E, 0.05, h10km, n24,



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

KRSC 15 00:23:07.8:0.5,54.33km,161.89E,h35km,24km,ML3.7, Near east coast of Kamchatka Peninsula

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

IDC 15 00:59:36.6:1.7,2.28S,141.85E,h0km,mb3.5/3, mb1 3.9/4, mb1mx3.6/1.6, mbtmp3.6/4, ML3.6/1.1, Error ellipse: s-maj=112.9km s-min=27.7km az=117.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, FITZ, ASAR, ILAR.

ISCJB 15 01:06:57.5:0.3,3.04S,0.03x128.27E,0.03,h29km, mb4.7/5.1, MS4.0/13, Error ellipse: s-maj=5.2km s-min=4.1km az=150.6

MOS 15 01:06:57.8:1.0,3.08S,128.10E,h33km,mb5.0/17, Error ellipse: s-maj=23.4km s-min=8.5km az=114.9

IDC 15 01:06:58.9:0.6,3.09S,128.16E,h26km,4km,mb4.3/13, mb1 4.5/15, mb1mx4.5/19, mbtmp4.3/15, ML4.5/2, MS4.0/10, MS1.4/0.10, ms1mx3.6/26, Error ellipse: s-maj=29.5km s-min=9.1km az=74.0

NEIC 15 01:06:59.2:0.3,3.00S,128.27E,mb4.6/15, Error ellipse: s-maj=10.8km s-min=5.7km az=66.0

DJA 15 01:07:00.2:2.92S,128.18E,h13km,mb5.2/18, GCMT 15 01:07:02.0:2.0,3.00S,128.08E,h30km,1km,MW4.9, Moment Tensor Solution, s27,c33; s54,c76; Moment tensor: Scale 10^16Nm; Mr2,09; 19; Mw=2.66; 12; Mw0.47; 15; Mw0.22; 15; Mw1.18; 11; Mw1.14; 19; Best double couple: M2.900000,1016 NP1.82.000000, 551.000000, 148.000000 NP2.33.000000, 854.000000, 129.000000. Principal axes: 1 2.7900, Plg59.0000, Azm286.0000; N 0.1900, Plg31.0000, Azm111.0000; P -2.9700, Plg2.0000; Azm20.0000; Data Used: IC IU CN I, G.

BJJ 15 01:07:04.4,3.00S,128.30E,h87km,mb5.0/20,mb4.8/34, MS4.6/16,MS7.4/215

ISC 15 01:07:00.1:0.2,3.01S,0.03x128.24E,0.03,h30km, h30km,1.0km,pp-P,n136,e1915/143,mb4.7/5.1,MS4.0/13, 4C-3D,Seram

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PLKI, FITZ, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CN2, LSA, ODAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZEI Tsey, PRGR Permogore, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPS Hopland, MCMC Marconi Center, KCPM Cahto Peak, etc.

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

DDA 15 02:27:08.3, 36.95N-29.11E, h7km, mb4.0, M2.8
CSEM 15 02:27:10.0, 6.0, 1.37, 20N, 29.09E, h16km, mb4.0, M2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS Gihisar, GLHS Gihisar (BURDU), etc.

IDC 15 01:31:34.1, 3.1, 7.00S, 129.92E, h89km, mb4.0/1, mb1 4.1/4, mb1mx4.1/18, mbtmp4.0/14, Error ellipse: s-maj=27.3km s-min=13.2km az=74.0

IDC 15 01:37:12.5, 2.1, 56.38S, 27.47W, h0km, mb4.0/2, mb1 4.1/2, mb1mx3.7/15, mbtmp4.0/2, Error ellipse: s-maj=80.4km s-min=44.1km az=180.0, South Sandwich Islands region

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

DJA 15 01:31:41.7, 1.10S, 129.87E, h129km, mb4.9/6, IDC 15 01:31:39.6, 0.6, 7.17S, 0.04, 129.93E, h158km, 7km, mb4.1/19, Error ellipse: s-maj=11.2km s-min=5.3km az=161.5

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

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

IDC 15 01:41:15.5, 1.5, 8.49S, 157.61E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.5/17, mbtmp3.6/4, ML4.2/1, Error ellipse: s-maj=41.2km s-min=23.8km az=177.0, Bougainville - Solomon Islands region

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

IDC 15 02:17.2, 6.2, 11.95S, 166.52E, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/19, mbtmp4.0/8, MS3.4/5, Ms1 3.4/5, ms1mx3.1/27, Error ellipse: s-maj=94.8km s-min=24.8km az=138.0, Santa Cruz Islands

DDA 15 01:56:57.6, 38.00N, 29.09E, h7km, 1km, M2.5, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, etc.

IDC 15 02:09:26.1, 2.1, 5.00N, 127.68E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/20, mbtmp3.7/4, Error ellipse: s-maj=114.7km s-min=23.9km az=70.0, Talaud Islands

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

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

IDC 15 02:23:48.9, 0.5, 40.68N, 0.03, 32.78E, h0km, 6km, Error ellipse: s-maj=4.2km s-min=2.1km az=2.1

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

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

IDC 15 02:23:49.1, 4.0, 69N, 32.77E, h5km, MD3.0, DDA 15 02:23:49.2, 0.2, 40.69N, 32.78E, h8km, M2.8, Error ellipse: s-maj=3.5km s-min=3.1km az=158.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, MAW Mawson, etc.

IDC 15 02:23:49.6, 0.5, 40.68N, 0.03, 32.78E, h0km, 6km, n34, 0.93/51, Turkey

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

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

IDC 15 02:30:39.7, 21.10S, 176.48W, h33km, Fiji Islands region, BGS 15 02:31:33.1, 5.1, 20.07S, 177.69W, h476km, mb4.5, NEIC/MSVF 15 02:31:33.9, 0.1, 20.07S, 177.69W, mb4.5/66, Error ellipse: s-maj=7.5km s-min=4.4km az=138.0

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

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

IDC 15 02:31:34.9, 0.7, 20.02S, 177.73W, h485km, 6km, mb4.1/21, mb1 4.2/21, mb1mx4.2/22, mbtmp4.1/21, Error ellipse: s-maj=12.0km s-min=9.2km az=143.0

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

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

MOS 15 02:31:35.1, 1.5, 19.90S, 177.71W, h490km, mb4.6/21, Error ellipse: s-maj=12.1km s-min=10.2km az=59.9

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

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

IDC 15 02:31:36.8, 0.6, 20.10S, 177.79W, h0.04, h50km, 7km, h494km, 6.7km, mb4.5, P, m656, 0.56/412, MSVF 15 02:31:36.3, 0.7, 20.13S, 0.05, 177.83W, 0.04, h107km, 7km, mb4.5/96, Error ellipse: s-maj=7.9km s-min=4.8km az=145.9

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

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

DJA 15 02:31:43.2, 30.39S, 178.31W, h550km, mb5.0/14, IDC 15 02:31:36.8, 0.6, 20.10S, 177.79W, 0.04, h50km, 7km, h494km, 6.7km, mb4.5, P, m656, 0.56/412, MSVF 15 02:31:36.3, 0.7, 20.13S, 0.05, 177.83W, 0.04, h107km, 7km, mb4.5/96, Error ellipse: s-maj=7.9km s-min=4.8km az=145.9

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

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

IDC 15 01:34:46.3, 0.5, 38.73N, 0.03, 122.77W, h0km, h10km, Error ellipse: s-maj=7.0km s-min=4.0km az=148.4

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

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

URZ		S		02 38 22.3 -4.3
URZ	1.4nm,0.3s,baz=55,slow=23,SNR=8.4			
URZ	Urewera	18.63 193 eP	P	02 35 20.2 -2.3
URZ	44nm,0.7s			
URZ	South Kauri	22.09 195 eP	S	02 38 22.3 -4.3
SNZO	Kahutara	23.43 196 eP	S	02 35 53.4 -0.5
KHZ	24nm,0.8s,mb4.7			02 36 04.4 -1.5
RPZ	Rata Peaks	25.33 199 P	P	02 36 22.3 -0.5
RPZ	7.6nm,0.5s,mb4.7,baz=3.2,slow=7,SNR=6.0			
RPZ	Rata Peaks	25.33 199 eP	P	02 36 22.6 -0.2
EIDS	Eidsvold	29.14 254 eP	P	02 36 56.9 +0.3
ARMA	Armidale	29.42 243 iJP	P	02 37 00.1 +1.2
CTA	Charters Tower	33.73 264 P	P	02 37 36.5 +0.6
CTA	31nm,0.5s,mb5.0,baz=95,slow=10,SNR=51			
CTA	Charters Tower	33.73 264 iJP	P	02 40 01.4 +0.2
CTA	20nm,0.6s,mb4.7			
CTA	Charters Tower	33.73 264 P	P	02 37 36.3 +0.4
CTA	31nm,0.6s,mb4.9			
CTAO	Charters Tower	33.73 264 eP	P	02 37 36.6 +0.7
CTAO	31nm,0.6s,mb4.9			
CTAO	Charters Tower	33.73 264 P	P	02 37 36.3 +0.4
CTAO	comp=Z,31nm,0.6s,mb4.9			
CTAO	Charters Tower	33.73 264 P	P	02 37 36.3 +0.4
CTAO	comp=Z,43nm,1.1s,mb4.8			
STKA	Stephens Creek	38.14 244 P	P	02 38 13.1 +0.7
STKA	comp=Z,6.5nm,0.7s,mb4.3,baz=100,SNR=13			
STKA	Stephens Creek	38.14 244 eP	P	02 40 14.8 +0.3
STKA	comp=Z,5.0nm,0.5s,baz=83,slow=5.2,SNR=6.5			
STKA	Stephens Creek	38.14 244 eP	P	02 38 13.0 +0.6
STKA	Stephens Creek	38.14 244 eP	P	02 38 13.2 +0.8
STKA	Stephens Creek	38.14 244 eP	P	02 40 15.2 +0.8
STKA	Stephens Creek	38.14 244 eP	P	02 38 13.2 +0.8
STKA	Stephens Creek	38.14 244 eP	P	02 40 15.2 +0.8
ASAR	Alice Springs	44.80 256 P	P	02 39 05.5 +0.1
ASAR	comp=Z,30nm,0.8s,mb4.8,baz=97,slow=7.9,SNR=156			
ASAR	comp=Z,10.0nm,0.7s,baz=105,slow=4.1,SNR=20			
ASAR	comp=Z,1.1nm,1.0s,baz=91,slow=15,SNR=3.9			
ASAR	Alice Springs	44.80 256 P	P	02 39 05.6 +0.2
ASAR	44.80 256 P			02 40 36.9 -1.9
ASAR	44.80 256 P			02 45 05.2 -0.5
ASAR	44.80 256 P			02 39 04.9 -0.9
WB2	Warramunga Arr	44.85 262 P	P	02 39 05.2 -0.6
WB2	Warramunga Arr	44.85 262 eP	P	
WRA	comp=Z,6.8nm,0.4s,mb4.5,baz=98,slow=7.4,SNR=488			
WRA	comp=Z,6.6nm,0.8s,baz=93,slow=3.7,SNR=12			
WRA	comp=Z,1.2nm,0.9s,baz=96,slow=13,SNR=5.0			
WRA	Warramunga Arr	44.85 262 P	P	02 39 05.2 -0.6
WRA	44.85 262 P			02 40 37.2 +0.1
WRA	44.85 262 P			02 45 07.7 -0.8
WRA	44.85 262 P			02 40 37.2 +0.1
WRA	44.85 262 P			02 45 07.7 -0.8
WRA	44.85 262 P			02 40 37.2 +0.1
WRA	44.85 262 P			02 45 07.7 -0.8
WRA	44.85 262 P			02 40 37.2 +0.1
WRA	44.85 262 P			02 45 07.7 -0.8
KAKA	Kakadu	48.16 271 iJP	P	02 39 30.6 -0.5
KAKA	comp=Z,26nm,0.7s,mb4.7			
KAKA	Kakadu	48.16 271 eP	P	02 39 30.6 -0.4
KAKA	comp=Z,105nm,0.6s,mb5.5			
KAKA	Kakadu	48.16 271 P	P	02 39 30.8 -0.3
KAKA	comp=Z,7.72nm,comp=Z,7.3nm,0.7s,mb5.1			
KAKA	Kakadu	48.16 271 P	P	02 39 30.9 -0.2
KAKA	comp=Z,7.71nm,comp=Z,7.3nm,0.7s,mb5.1			
FORT	Forrest	49.63 246 eP	P	02 39 41.6 -0.2
FORT	comp=Z,48nm,0.6s,mb5.0			
FORT	Forrest	49.63 246 eP	P	02 39 40.9 -0.8
FORT	comp=Z,49nm,0.6s,mb5.0			
GUMO	Guam	49.70 309 P	P	02 39 42.5 +0.2
GUMO	comp=Z,70nm,0.6s,mb5.2,baz=174,slow=20,SNR=6.1			
GUMO	Guam	49.70 309 eP	P	02 39 42.4 0.0
GUMO	comp=Z,36nm,0.6s,mb4.9			
GUMO	Guam	49.70 309 eP	P	02 39 42.4 0.0
GUMO	comp=Z,36nm,0.6s,mb4.9			
KNA	Kununurra	50.86 266 P	P	02 39 51.1 +0.1
KNA	comp=Z,21um,comp=Z,161nm,0.7s,mb5.5			
KNA	Kununurra	50.86 266 P	P	02 39 51.1 +0.1
KNA	comp=Z,21um,comp=Z,161nm,0.7s,mb5.5			
FITZ	Fitzroy Crossi	53.27 262 P	P	02 40 08.5 +0.2
FITZ	comp=Z,9.9nm,0.5s,mb4.4,baz=122,slow=3.9,SNR=96			
FITZ	Fitzroy Crossi	53.27 262 iJP	P	02 40 08.4 0.0
FITZ	comp=Z,22nm,0.5s,mb4.8			
FITZ	Fitzroy Crossi	53.27 262 eP	P	02 40 08.6 +0.2
FITZ	comp=Z,9.2nm,0.5s,mb4.4			
FITZ	Fitzroy Crossi	53.27 262 P	P	02 40 08.6 +0.2
FITZ	comp=Z,11nm,1.4s,mb4.6			
FITZ	Fitzroy Crossi	53.27 262 P	P	02 40 09.1 +0.7
FITZ	comp=Z,41nm,1.4s,mb4.4			
SWI	Sorong	53.33 285 P	P	02 40 09.3 +0.5
SWI	comp=Z,132nm,0.8s,mb5.3			
SWI	Sorong	53.33 285 P	P	02 40 09.3 +0.5
SWI	comp=Z,132nm,0.8s,mb5.3			
NLAI	Namlea	56.22 280 P	P	02 40 29.5 +0.4
NLAI	comp=Z,40nm,0.7s,mb4.9			
NLAI	Namlea	56.22 280 P	P	02 40 30.7 +1.6
NLAI	comp=Z,40nm,0.7s,mb4.9			
TNTI	Ternate	57.55 284 P	P	02 40 38.7 +0.5
TNTI	comp=Z,90nm,0.9s,mb5.1			
TNTI	Ternate	57.55 284 P	P	02 40 39.1 +0.9
TNTI	comp=Z,90nm,0.9s,mb5.1			
MBWA	Marble Bar	58.13 257 eP	P	02 40 42.0 -0.1
SBA	Scott Base	58.28 184 eP	P	02 40 44.0 +1.9
SBA	comp=Z,6.5nm,0.8s,mb4.0			
SBA	Scott Base	58.28 184 eP	P	02 40 44.1 +1.9
SBA	comp=Z,6.0nm,0.8s,mb4.0			
KLBR	Kellerberrin	58.40 245 eP	P	02 40 43.3 -0.5
KLBR	comp=Z,12nm,0.5s,mb4.0			
NWAO	Narogin (SRO)	58.72 243 P	P	02 40 46.5 +0.6
NWAO	comp=Z,14nm,0.8s,mb4.3,baz=99,slow=8.0,SNR=3.6			
NWAO	Narogin (SRO)	58.72 243 P	P	02 40 46.5 +0.7
KDI	Kendari	60.13 277 P	P	02 40 55.4 -0.2
KDI	comp=Z,16nm,0.8s,mb4.5			
KDI	Kendari	60.13 277 P	P	02 40 56.2 +0.6
KDI	comp=Z,16nm,0.8s,mb4.5			
BMNI	Bima	62.29 271 P	P	02 41 09.5 -0.4
BMNI	comp=Z,11um,comp=Z,131nm,0.8s,mb5.4			
BMNI	Bima	62.29 271 P	P	02 41 09.1 -0.8
BMNI	comp=Z,11um,comp=Z,131nm,0.8s,mb5.4			
CASY	Casey	64.41 205 iJP	P	02 41 22.7 +0.2
CASY	Casey	64.41 205 eP	P	02 41 22.6 +0.1
QSPA	South Pole Qui	69.97 180 P	P	02 41 57.5 +1.0
QSPA	comp=Z,19nm,0.8s,mb4.7,baz=16,slow=1.2,SNR=99			
QSPA	South Pole Qui	69.97 180 eP	P	02 41 57.4 +0.8
QSPA	comp=Z,20nm,0.8s,mb4.7			
MJAR	Matsushiro Arr	70.00 323 P	P	02 41 56.8 -0.6
MJAR	comp=Z,14nm,0.5s,mb4.7,baz=165,slow=6.7,SNR=44			
MAJO	Matsushiro	70.00 323 eP	P	02 41 57.0 -0.4
MAJO	comp=Z,16nm,0.6s,mb4.7			
MAJO	Matsushiro	70.00 323 eP	P	02 41 57.0 -0.4
MAJO	comp=Z,17nm,0.6s,mb4.8			
MAT	Matsuhiro	73.09 323 P	P	02 41 56.6 -0.8
FX1	Attu Island-F	73.42 354 eP	P	02 42 13.9 -1.1
FX1	Attu Island-F	73.42 354 eP	P	02 42 14.0 -1.1
ASAJ	Asahikawa	73.47 331 eP	P	02 42 18.2 +0.8
KSM	Kuching	73.55 278 eP	P	02 42 19.0 +0.4
KSM	comp=Z,13nm,0.7s,mb4.5			
KSM	Kuching	73.55 278 eP	P	02 42 20.2 +1.6
KSM	comp=Z,25nm,1.2s,mb4.6			
YSS	Yuzh-Sakhalins	75.62 333 eP	P	02 42 30.2 +0.7
YSS	comp=Z,43nm,1.0s,mb4.9			
YSS	Yuzh-Sakhalins	75.62 333 eP	P	02 42 29.9 +0.4
YSS	comp=Z,43nm,1.0s,mb4.9			
PETK	Petropavlovsk-	75.93 345 P	P	02 42 30.4 -0.7
PETK	comp=Z,22nm,0.8s,mb4.7,baz=134,slow=8.5,SNR=17			
PETK	Petropavlovsk-	75.93 345 P	P	02 42 30.4 -0.7
KASI	Kota Agung	76.60 269 P	P	02 42 36.2 +0.5
KASI	comp=Z,56nm,1.0s,mb5.1			
KASI	Kota Agung	76.60 269 P	P	02 42 37.0 +1.3
KASI	comp=Z,56nm,1.0s,mb5.1			
KRSR	Korea Arr	76.72 318 P	P	02 42 36.3 +0.5
KRSR	comp=Z,2.4nm,0.7s,mb3.9,baz=129,slow=6.0,SNR=14			

MSDI	Maura Dua	77.24 270 P	P	02 42 38.2 -1.0
MSDI	comp=Z,7.71nm,comp=Z,22nm,1.0s,mb4.7			
MSDI	Maura Dua	77.24 270 P	P	02 42 38.7 -0.5
SAO	San Andreas Ge	77.60 43 eP	P	02 42 39.9 -0.7
SAO	comp=Z,5.3nm,0.8s,mb4.0			
SAO	San Andreas Ge	77.60 43 eP	P	02 42 39.9 -0.7
SAO	comp=Z,5.0nm,0.8s,mb4.0			
SAO	comp=Z,5.0nm,0.8s,mb4.0			
VES	Vestal, Richgr	78.61 45 iJP	P	02 42 45.7 -0.4
BFCSC	Mount Baldy Ra	78.67 47 iJP	P	02 42 46.3 -0.2
BFCSC	baz=79			
EDWZ	Edwards Air Fo	78.80 46 iJP	P	02 42 47.0 -0.1
EDWZ	baz=79			
ISA	Isabella	78.92 46 iJP	P	02 42 47.8 +0.1
ISA	baz=79			
ISA	Isabella	78.92 46 eP	P	02 42 47.5 -0.3
ISA	comp=Z,3.0nm,0.8s,mb3.9			
ISA	Isabella	78.92 46 eP	P	02 42 47.5 -0.2
ISA	comp=Z,3.0nm,0.8s,mb3.9			
CMB	Columbia Colle	79.03 43 eP	P	02 42 47.8 -0.5
CMB	comp=Z,6.3nm,0.9s,mb4.2			
CMB	Columbia Colle	79.03 43 eP	P	02 42 47.8 -0.5
CMB	comp=Z,6.0nm,0.9s,mb4.1			
LRMO	Laurel Mountain	79.34 46 iJP	P	02 42 49.4 -0.6
LRMO	baz=80			
BELC	Belle Mtn. Jos	79.69 48 iJP	P	02 42 52.0 +0.1
BELC	baz=80			
MPMC	Manual Prospec	79.80 46 iJP	P	02 42 52.2 -0.2
MPMC	baz=80			
MTUM	Tungsten Hills	79.82 44 eP	P	02 42 52.9 +0.5
GSC	Goldstone	79.84 47 eP	P	02 42 52.4 -0.3
GSC	Goldstone	79.84 47 eP	P	02 42 52.4 -0.3
YBH	Yreka Blue Hor	79.85 39 eP	P	02 42 53.1 +0.5
YBH	comp=Z,2.7nm,0.8s,mb4.2			
YBH	Yreka Blue Hor	79.85 39 eP	P	02 42 53.1 +0.6
YBH	comp=Z,2.7nm,0.8s,mb4.2			
BC3	Big Truckwall	79.89 49 iJP	P	02 42 53.1 +0.1
BC3	baz=80			
WAKR	Walker	79.92 43 eP	P	02 42 53.0 0.0
112A	Yuma	79.92 50 iJP	P	02 42 53.7 +0.6
112A	baz=80			
WCN	Washoe City	80.18 42 iJP	P	02 42 54.0 -0.3
WCN	baz=80			
WCN	Washoe City	80.18 42 eP	P	02 42 53.9 -0.5
WCN	comp=Z,6.7nm,1.1s,mb4.1			
WCN	Washoe City	80.18 42 eP	P	02 42 53.9 -0.4
WCN	comp=Z,7.0nm,1.1s,mb4.1			
MDJ	Mudanjin	80.30 325 P	P	02 42 55.6 +0.8
MDJ	comp=Z,2.25nm,0.8s,mb4.8			
MDJ	Mudanjin	80.30 325 eP	P	02 42 55.6 +0.8
MDJ	comp=Z,2.98nm,5.2s			
MDJ	Mudanjin	80.30 325 eP	P	02 42 55.8 +1.0
MDJ	comp=Z,2.20nm,0.8s,mb4.7			
IRM	Iron Mountain	80.37 48 iJP	P	02 42 55.7 +0.3
IRM	baz=80,SNR=6.3			
FURC	Furnace Creek,	80.45 46 iJP	P	02 42 55.4 -0.4
FURC	baz=81			
TUQ	Turquoise Moun	80.52 47 iJP	P	02 42 56.1 -0.1
TUQ	baz=81			
NVAR	Mina Array Bea	80.60 43 P	P	02 42 56.3 -0.2
NVAR	comp=Z,2.7nm,0.7s,mb3.9,baz=224,slow=8.0,SNR=25			
NVAR	comp=Z,0.3nm,0.5s,baz=46,slow=6.4,SNR=3.3			
NVAR	comp=Z,0.3nm,0.5s,baz=46,slow=6.4,SNR=3.3			
NVAR	comp=Z,0.5nm,0.9s,baz=121,slow=2.1,SNR=3.9			
Y12C	Blythe	80.60 49 iJP	P	02 42 56.7 +0.1
Y12C	baz=81			
113A	Mohawk Valley,	80.63 50 P	P	02 42 56.9 0.0
113A	baz=81,SNR=5.9			
U10A	Ash Meadows,A	80.78 46 iJP	P	02 42 57.5 0.0
U10A	baz=81			
LDFC	Landair	80.89 48 eP	P	02 42 58.5 +0.4
LDFC	comp=Z,24nm,1.0s,mb4.7			
Z13A	Yuma Proving G	80.93 50 P	P	02 42 58.6 +0.2
Z13A	baz=81,SNR=7.6			
Y13A	Saltine	81.13 49 iJP	P	02 42 59.5 +0.1
Y13A	baz=81			



Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TESR, KOLS, KOLN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KHC, BCLA, Wetzell, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PLIG, CMIG, ISK, etc.









Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like KBL Kabul, CHC Chirah Chowk, THW Thamme Watt, KSH Kashi, etc.

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like LAY Lan-yu, TAW Tawu, TAW Tawu, etc.

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like MSFV Nonsavu, OUZ Omahuta, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ISCJB 15 05:34:38.3±1.2, 2.4°01'S; 0.09°179.77'E; 0.09, h409km, 17km, mb3.9/1.4, Error ellipse: s-maj=16.1km s-min=9.5km az=138.0

IDC 15 05:34:27.6±1.3, 2.3°59'S; 179.29'E, h431km, 16km, mb3.7/1.2, mb1 3.9/1.4, mb1mx3.8/1.9, mbtmp3.7/1.4, Error ellipse: s-maj=16.2km s-min=11.5km az=170.0

NEIC 15 05:34:33.2±1.2, 2.3°83'S; 179.07'E, h493km, 14km, mb4.2/3, Error ellipse: s-maj=16.7km s-min=15.0km az=117.0

ISC 15 05:34:39.0±1.2, 2.4°01'S; 0.09°179.81'E; 0.09, h525km, 13km, n41, 0573/41, mb4.3/2.7, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res. Includes stations like MSFV Nonsavu, OUZ Omahuta, KHZ Kahutara, HNR Honiara, etc.

IDC 15 05:41:45.0±2.3, 5.1°47'N; 178°26'W, h27km, 15km, mb4.5/2.6, mb1 4.7/2.8, mb1mx4.7/3.1, mbtmp4.5/2.8, ML5.2/1.1, MS4.4/2.8, Ms1 4.4/2.8, ms1mx4.2/4.1, Error ellipse: s-maj=16.3km s-min=9.8km az=159.0

ISCJB 15 05:41:44.8±0.1, 5.1°41'N; 0°03'; 178°35'W; 0.02, h34km, mb5.1/2.78, MS4.5/5.8, Error ellipse: s-maj=4.7km s-min=1.7km az=2.6

MOS 15 05:41:44.7±1.1, 5.1°48'N; 178°29'W, h33km, mb5.3/3.8, MS4.6/2.4, Error ellipse: s-maj=6.5km s-min=5.1km az=91.2

NEIC 15 05:41:46.1±0.1, 5.1°40'N; 178°35'W, mb5.1/1.89, ML5.2(AE/C), ML5.1(PMR), Error ellipse: s-maj=5.1km s-min=2.4km az=175.0

BUI 15 05:41:47.5±1.5, 5.1°55'N; 178°80'W, h47km, mb5.3/3.3, mb5.3/5.8, MS4.9/4.3, Ms7 4.7/4.3

GCMT 15 05:41:48.0±0.2, 5.1°29'N; 178°14'W, h42km, MW5.2, Moment Tensor Solution, s78, c117, s94, c152, Moment tensor: Scale 10^19Nm; Mr=9.0E+17; Mw=5.8E+14; Mw=0.0E+14; Ms=2.5E+13; Ms=2.6E+12; Ms=3.0E+12; Best double couple: M7.500000; 1016 NP1=266.000000; 833.000000; 118.000000. NP2=53.000000; 361.000000,





J21A	Lysite	46.94	71	↑P	P	05 50 13.4	-0.4
MSU	Marysval	47.01	79	eP	P	05 50 14.6	+0.2
MSU	Marysval	47.01	79	eP	P	05 50 14.6	+0.2
MSU	Marysval	47.01	79	eP	P	05 50 14.6	+0.2
N18A	Larsen Ranch	47.02	75	↓P	P	05 50 14.0	-0.4
TMUT	Trail Mountain	47.12	77	eP	P	05 50 15.8	+0.6
V12A	Nelson	47.12	84	↑P	P	05 50 15.3	+0.1
R15A	Junction	47.13	79	↓P	P	05 50 15.6	+0.3
ZAK	Zakamensk	47.15	301	↑P	P	05 50 16.6	+1.3
L20A	Wamsutter	47.20	73	↑P	P	05 50 15.6	-0.3
GMRC	Granite Mounta	47.23	85	↓P	P	05 50 15.8	-0.3
U13A	Pakoon Wash	47.23	82	↓P	P	05 50 16.1	0.0
O18A	Roosevelt	47.25	76	↑P	P	05 50 16.6	+0.4
P17A	Butcher Ranch	47.29	77	↑P	P	05 50 17.1	+0.6
T14A	Hurricane	47.36	81	↑P	P	05 50 17.5	+0.3
N19A	John Jarvie Ra	47.37	74	↓P	P	05 50 16.9	-0.3
Q16A	Castle Valley	47.37	78	↑P	P	05 50 18.0	+0.8
LDFC	Landfair	47.37	85	eP	P	05 50 16.9	-0.4
S15A	Pangutch	47.42	80	↓P	P	05 50 18.2	+0.6
J22A	Midwest	47.47	70	↑P	P	05 50 17.9	-0.1
K21A	Alcova	47.48	71	↑P	P	05 50 17.1	-0.9
P18A	Preston Nutter	47.50	76	↑P	P	05 50 18.6	+0.5
BELC	Belle Mtn. Jos	47.52	86	↓P	P	05 50 17.6	-0.9
V13A	Grand Canyon W	47.57	83	↓P	P	05 50 19.0	+0.2
R16A	Teasdale	47.58	79	↑P	P	05 50 19.4	+0.6
M20A	Sweetwater, Wa	47.61	73	↓P	P	05 50 19.2	+0.2
SRU	San Rafael	47.65	77	↓P	P	05 50 19.4	0.0
MOY	Mundy	47.65	304	eP	P	05 50 20.7	+1.5
U14A	Mt Trumbull	47.71	82	↑P	P	05 50 20.0	+0.1
O19A	Miners Draw (B	47.77	75	↑P	P	05 50 20.5	+0.3
L21A	Rawlins	47.81	72	↑P	P	05 50 20.4	-0.2
T15A	Red Dirt Ranch	47.82	81	↑P	P	05 50 20.6	-0.1
S16A	Wepener Ranch	47.86	79	↑P	P	05 50 21.2	+0.2
Q18A	Rafter H Ranch	47.89	77	↓P	P	05 50 21.2	0.0
K22A	Casper	47.90	71	↑P	P	05 50 20.6	-0.6
HHC	Hu-ho-hao-te	47.93	286	eP	P	05 50 22.4	+0.9
HHC	HHC	05 50 37.9	+5.8	pP	P		
HHC	HHC	05 51 49.3	-0.1	pP	P		
HHC	HHC	05 52 15.0	+1.6	pP	P		
HHC	HHC	05 55 37.3	-3.5	pP	P		
HHC	HHC	05 57 14.0	-2.4	pP	P		
HHC	HHC	06 00 06.8	-4.8	pP	P		
HHC	HHC	comp-Z,55nm,1.1s,mb5.5					
HHC	HHC	comp-Z,190nm,5.6s					
HHC	HHC	comp-N,530nm,15.3s,MS4.8					
HHC	HHC	comp-E,710nm,18.5s,MS4.8					
HHC	HHC	comp-Z,780nm,17.1s,MS4.8					
IRM	Iron Mountain	47.95	86	↑P	P	05 50 21.4	-0.3
N20A	Spence Gulch,	47.96	74	↑P	P	05 50 22.0	+0.2
R17A	Hanksville Air	47.97	78	↑P	P	05 50 21.4	-0.4
GUMA	Guam	47.97	232	LR	LR	06 07 11.6	
BAR	Barrett	47.98	88	eP	P	05 50 21.7	-0.2
M21A	Separate Ridge	48.03	73	↓P	P	05 50 21.8	-0.5
RWWY	Rawlins	48.07	72	eP	P	05 50 22.2	-0.4
BC3	Big Chucackwall	48.09	86	↑P	P	05 50 22.0	-0.9
W13A	Hualapai Mount	48.12	84	↑P	P	05 50 22.7	-0.3
U15A	North Rim	48.25	81	↑P	P	05 50 24.3	+0.2
V14A	Boquillas Ranc	48.26	83	↑P	P	05 50 23.9	-0.2
P19A	Cripple Cowboy	48.26	76	↑P	P	05 50 24.3	+0.2
SSE	Sheshan	48.27	269	↑P	P	05 50 21.3	-3.0
SSE	SSE	05 51 45.8	-5.0	pP	P		
SSE	SSE	05 57 20.4	-1.0	pP	P		
SSE	SSE	05 57 44.5	+5.7	pP	P		
SSE	SSE	comp-Z,37nm,0.7s,mb5.5					
SSE	SSE	comp-Z,440nm,4.5s					
SSE	SSE	comp-N,420nm,4.9s					
SSE	SSE	comp-E,340nm,4.9s					
SSE	SSE	comp-Z,650nm,4.6s					
T16A	Glen Canyon Da	48.38	80	↓P	P	05 50 24.0	-1.0
O20A	White River Ci	48.40	75	↓P	P	05 50 25.1	0.0
S17A	Black Ridge (B	48.40	79	↑P	P	05 50 25.1	-0.1
N21A	Black Mountain	48.45	74	↑P	P	05 50 25.3	-0.2
RSSD	Black Hills	48.48	68	eP	P	05 50 24.9	-0.8
RSSD	Black Hills	48.48	68	eP	P	05 50 24.9	-0.8
R18A	Canyons Nda	48.48	78	↑P	P	05 50 25.1	-0.7
PDMCI	Parker Dam,Lak	48.49	85	↓P	P	05 50 25.4	-0.5
X13A	Yucca	48.49	84	↑P	P	05 50 25.4	-0.5
Q19A	Hogan Spring (	48.51	77	↑P	P	05 50 25.6	-0.4
W14A	Seligman	48.55	83	↓P	P	05 50 26.3	0.0
Y12C	Blythe	48.61	85	↑P	P	05 50 26.8	0.0
M22A	Cedar Creek Ra	48.61	72	↓P	P	05 50 26.3	-0.5
P20A	De Beque	48.70	75	↑P	P	05 50 27.3	-0.2
L23A	Garrett	48.71	71	↑P	P	05 50 27.2	-0.3
V15A	Kalabab Niona	48.72	82	↑P	P	05 50 28.3	+0.7
T17A	Navajo Res.,N	48.81	80	↑P	P	05 50 27.7	-0.6
O21A	Pagoda	48.81	74	↑P	P	05 50 28.5	+0.2
S18A	Hurst Farm, BI	48.86	78	↑P	P	05 50 28.7	0.0
GLA	Glamis	48.88	86	eP	P	05 50 28.4	-0.5
GLA	Glamis	48.88	86	eP	P	05 50 28.4	-0.5
GLA	Glamis	48.88	86	eP	P	05 50 28.4	-0.5

R19A	Curley Farm, L	48.93	77	↑P	P	05 50 29.0	-0.2
Y13A	Salome	49.00	85	↑P	P	05 50 29.4	-0.4
BTO	Batou	49.01	287	eP	P	05 50 30.3	+0.5
VT0	Paradox Valley	49.01	77	eP	P	05 50 30.0	+0.1
N22A	Wattenberg Ran	49.06	73	↑P	P	05 50 30.4	+0.1
W15A	Willow Gulch B	49.08	82	↑P	P	05 50 30.0	-0.4
NJ2	Nanjing	49.08	272	eP	P	05 50 30.1	-0.4
PV04	Paradox Valley	49.08	77	eP	P	05 50 30.3	-0.1
Q20A	Ridgely Place	49.10	76	↑P	P	05 50 30.1	-0.4
X14A	Yava	49.15	84	↑P	P	05 50 31.2	+0.2
U16A	Tuba City	49.15	81	↓P	P	05 50 31.1	+0.1
L24A	Wheatland	49.21	71	↑P	P	05 50 31.2	-0.1
P21A	Newcastle	49.26	75	↑P	P	05 50 31.7	0.0
T18A	Mexican Hat	49.29	79	↑P	P	05 50 31.4	-0.6
N23A	Red Feather La	49.31	72	↑P	P	05 50 32.5	+0.3
PHWY	Pilot Hill	49.35	72	eP	P	05 50 31.7	-0.7
S19A	Harve Farm, M	49.35	78	↑P	P	05 50 32.4	-0.1
O22A	Kremmling	49.40	74	↓P	P	05 50 32.8	0.0
ULM	Lac du Bonnet	49.41	57	↑P	P	05 50 31.9	-0.8
ULM	ULM	06 13 52.2					
Y14A	Wickenburg	49.43	84	↑P	P	05 50 32.5	-0.6
PV01	Paradox Valley	49.45	77	eP	P	05 50 33.0	-0.2
Z13A	Yuma Proving G	49.52	85	eP	P	05 50 33.5	-0.3
R20A	Rescue	49.53	77	↑P	P	05 50 33.6	-0.3
X15A	Humboldt	49.55	83	↓P	P	05 50 34.1	+0.1
W16A	Flagstaff	49.59	82	↑P	P	05 50 34.9	+0.7
Q21A	Lamborn Mesa,	49.61	76	↑P	P	05 50 34.4	0.0
M24A	Cheyenne	49.62	71	↑P	P	05 50 34.7	+0.2
P22A	Eagle	49.63	74	↓P	P	05 50 33.9	-0.7
V17A	Tonalea, Kytok	49.70	81	↑P	P	05 50 35.5	+0.3
O23A	Lake Granby, G	49.75	73	↓P	P	05 50 35.9	+0.5
SMCO	Snowmass	49.76	75	eP	P	05 50 35.4	-0.1
S20A	Disappointment	49.77	77	↓P	P	05 50 35.6	-0.1
Y15A	Casa Rosa Ranc	49.84	84	↑P	P	05 50 36.1	-0.1
R21A	Cimarron	49.92	76	↑P	P	05 50 36.5	-0.3
Q22A	Crested Butte,	50.00	75	↑P	P	05 50 37.6	+0.2
T19A	Beclabito	50.01	79	↑P	P	05 50 36.8	-0.7
X16A	Lo Mia Camp, P	50.09	83	↓P	P	05 50 38.4	+0.3
V18A	Ganado	50.17	80	↑P	P	05 50 39.0	+0.3
ISCO	Idaho Springs	50.19	73	↑P	P	05 50 39.2	+0.4
ISCO	Idaho Springs	50.19	73	↑P	P	05 50 39.2	+0.4
ISCO	Idaho Springs	50.19	73	↑P	P	05 50 39.2	+0.4
S21A	Coal Bank Pass	50.23	77	↑P	P	05 50 39.0	-0.1
U19A	Din Coller	50.24	79	↑P	P	05 50 39.2	-0.1
O24A	Longmont	50.31	73	↓P	P	05 50 40.6	+0.8
Y16A	Circle Bar Ran	50.42	83	↓P	P	05 50 40.6	-0.1
R22A	Saguache, Gunn	50.49	76	↓P	P	05 50 42.0	+0.9
X17A	Forest Lakes	50.53	82	↑P	P	05 50 42.0	+0.5
AGMN	Agassiz Nation	50.57	59	eP	P	05 50 39.9	-1.6
Q23A	Hartsel	50.62	74	↑P	P	05 50 43.0	+0.9
W18A	Petrified Fore	50.68	81	↑P	P	05 50 43.1	+0.5
V19A	Window Rock	50.72	80	↓P	P	05 50 42.8	0.0
115A	Gonorran Desert	50.74	85	↓P	P	05 50 43.1	0.0
S22A	4UR Ranch, Cre	50.76	76	↑P	P	05 50 43.5	+0.4
Z16A	Perrilla Trail,	50.81	84	↑P	P	05 50 42.9	-0.7
T21A	Navajo Lake	50.81	77	↑P	P	05 50 44.1	+0.6
Z14A	Organ Pipe Nat	50.88	86	↓P	P	05 50 43.4	-0.7
W19A	Sanders	50.90	80	↓P	P	05 50 44.8	+0.5
Y17A	Roosevelt	50.94	83	↑P	P	05 50 44.6	+0.1
X18A	Snowflake	50.94	81	↑P	P	05 50 45.0	+0.5
Q24A	Divide	51.00	74	↓P	P	05 50 45.3	+0.4
V20A	Brimhall	51.02	79	↑P	P	05 50 45.1	





Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pmax, pms, MLR, MLR).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., eP, MLR, AMS, P).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., MLR, P, eP, pP).

15d 6h

ellipse: s-maj=296.8km s-min=60.7km az=131.0, Fiji Islands region
Code Station Name Az Phase ID Time Res h m s ISC

CTA Charters Tower 34.15 262 Op ISC P 05 50 43.8 0.0
WRA Warramunga Arr 45.31 260 P P 05 52 13.0 -0.3
ASAR Alice Springs 45.38 255 P P 05 52 13.9 +0.1

IDC 15 05:48:05.1s,2.0,101.69S,161.77E,h78km,38km,mb3.4/7,mb1.3/8,mb1mx3.6/18,mbtmp3.5/8,ML4.5/1,Error ellipse: s-maj=41.3km s-min=26.0km az=122.0
ISCBJ 15 05:48:06.3s,2.4,101.75S,0.1x161.6E,0.2,h100km,19km,mb3.6/8,Error ellipse: s-maj=30.6km s-min=22.0km az=178.8

NEIC 15 05:48:06.4s,2.0,101.56S,161.64E,h85km,17km,mb4.4/1,Error ellipse: s-maj=22.8km s-min=17.4km az=102.0
ISC 15 05:48:06.6s,2.5,101.65S,0.1x161.7E,0.2,h87km,20km,n11,0.85R/12,mb3.6/8,Bougainville - Solomon Islands region

Code Station Name Az Phase ID Time Res h m s ISC
HNR Honiara 2.09 304 P Pn 05 48 38.6 -1.4
WRA Warramunga Arr 27.93 247 P P 05 49 06.3 -0.6
ASAR Alice Springs 29.49 240 P P 05 54 02.7 0.0

ISCBJ 15 06:03:42.5s,1.0,25.08N,0.04s,122.29E,0.0,4,h8km,4km,mb4.0/2,Error ellipse: s-maj=7.2km s-min=6.0km az=27.1
TAP 15 06:03:42.9s,25.05N,122.24E,h12km,ML3.6,D
IDC 15 06:03:46.5s,7.0,24.31N,122.73E,h0km,mb4.0/2,mb1.4/3,mb1mx3.5/23,mbtmtmp3.8/3,ML3.1/1,Error ellipse: s-maj=35.1km s-min=41.1km az=96.0

ISC 15 06:03:42.9s,0.9,25.07N,0.04s,122.29E,0.0,4,h12km,4km,n11,0.84R/48,mb4.0/2,Taiwan region
Code Station Name Az Phase ID Time Res h m s ISC
TWB1 Santiao Chiao 0.28 257 eP Pg 06 03 48.4 -0.3

TWB1 baz=259 S Sg 06 03 52.6 0.0
NWF Wu-fen Shan 0.46 270 iP P 06 03 51.6 -0.4
NWF baz=273 S Sg 06 03 58.1 -0.1
ILA Ilan 0.58 238 eP Pg 06 03 54.6 +0.4

ILA baz=237 eS Sg 06 04 02.3 +0.5
TWC Suao 0.61 221 P Pg 06 03 54.5 -0.3
TWC baz=218 eS Sg 06 04 03.1 +0.2
TWA Mucha 0.65 262 P Pg 06 03 55.1 -0.4

TWA baz=263 eS Sg 06 04 05.1 +1.1
TWA Chenuha 0.66 288 iP Sg 06 03 55.1 -0.6
TWTWY baz=291 iS Sg 06 04 04.8 +0.4
TWE Neicheng 0.67 239 P Pg 06 03 55.3 -0.5

TWE baz=236 S Sg 06 04 03.7 -0.9
TAP1 Taipei 0.70 268 eP Pg 06 03 56.4 0.0
TAP1 baz=269 eS Sg 06 04 06.9 +1.3
ENTT Nioudou 0.79 237 P Pg 06 03 57.6 -0.5

ENTT baz=235 eS Sg 06 04 08.0 -0.4
TWS1 Kuangyinshan 0.79 272 iP Pg 06 03 58.1 -0.2
TWS1 baz=274 eS Sg 06 04 09.7 +1.1
ENA Nanau 0.81 218 P Pg 06 03 58.3 -0.3

ENA baz=215 S Sg 06 04 09.0 -0.3
NCU National Centr 1.01 265 eP Pg 06 04 02.3 -0.1
NCU baz=265 eS Sg 06 04 15.2 -0.3
NNS Nan Shan 1.04 233 eP Pb 06 04 02.3 -0.7

2008 SEP
IDC 15 06:15:55.4s,0.6,101.31N,92.92E,h0km,mb4.3/15,mb1.4/4,mb1mx4.2/27,mbtmtmp4.2/16,ML4.0/1,MS3.3/1,MS1.3/3,1,ms1mx2.6/25,Error ellipse: s-maj=27.2km s-min=14.0km az=60.0
BUJ 15 06:15:56.8,10.31N,93.02E,h20km,mb4.7/11
ISCBJ 15 06:16:01.2s,3.9,10.3N,0.1x92.9E,0.2,h59km,32km,mb4.3/21,MS3.2/1,Error ellipse: s-maj=30.2km s-min=12.6km az=142.4

NEIC 15 06:16:03.2s,2.5,10.33N,92.97E,h57km,20km,mb4.3/6,Error ellipse: s-maj=23.8km s-min=9.0km az=55.0
ISC 15 06:16:04.2s,2.9,10.33N,0.1x93.0E,0.2,h69km,23km,n37,0.44R/51,mb4.2/21,Andaman Islands region
Code Station Name Az Phase ID Time Res h m s ISC

CM31 Chiang Mai Arr 9.95 35 eP Pn 06 18 25.5 +1.1
CMAR Chiang Mai Arr 9.95 35 eP Pn 06 18 20.7 -3.7
OJC Ojcow 10.23 34 eP Pn 06 18 28.2 -0.2

LSA Lhasa 19.36 355 eP Pn 06 20 24.5 -1.5
LSA Lhasa 19.36 355 eP Pn 06 20 24.8 -1.3
ENH Enshi 25.12 35 eP P 06 21 22.6 -0.2

LZH Lanzhou 27.49 19 eP P 06 21 44.5 +0.5
LZH LZH 27.49 19 eP P 06 21 49.0 -1.1
LZH LZH 27.49 19 eP P 06 21 52.3 -1.6

GTA Gaotai 29.41 11 eP P 06 22 03.8 +0.9
GTA GTA 29.41 11 eP P 06 22 10.5 -1.7
GTA GTA 29.41 11 eP P 06 22 10.5 -1.7

AAK Ala-Archa 36.02 337 P P 06 22 59.2 +0.5
EK52 Erkin-Say 36.32 336 eP P 06 23 02.0 +0.6
MKAR Makanchi Arr 37.47 348 P P 06 23 10.8 -0.2

WRA Warramunga Arr 50.62 126 P P 06 24 56.7 0.0
WRA Warramunga Arr 50.62 126 P P 06 24 56.7 0.0
WRA Warramunga Arr 50.62 126 P P 06 24 56.7 0.0

ASAR Alice Springs 52.37 131 P P 06 25 09.6 0.0
ASAR baz=121 P P 06 25 09.6 0.0
STKA Stephens Creek 62.62 134 P P 06 26 22.4 +0.7

STKA Stephens Creek 62.62 134 eP P 06 26 22.4 +0.4
FINES FINES Array B 70.02 332 P P 06 27 08.2 -0.2
ARCES ARCES Array B 72.59 340 P P 06 27 24.0 +0.2

GERES GERES Array B 75.25 318 P P 06 27 39.7 0.0
GERES GERES Array B 75.25 318 P P 06 27 39.7 0.0
NOA NORSTAR Array B 77.05 330 P P 06 27 49.1 -0.6

ILAR Eielson Array 92.92 22 P P 06 29 08.9 -0.5
INK Inuvik 94.97 16 P P 06 29 18.4 -0.4
INK Inuvik 94.97 16 P P 06 29 18.4 -0.4

PDAR Pinedale Array 123.20 20 PKP PKPpdf 06 34 54.4 +0.7
NVAR Mina Array Bay 123.40 29 PKP PKPpdf 06 34 55.9 +2.0
ANMO Albuquerque 131.36 21 PKP PKPpdf 06 35 11.4 +2.1

670
CRVS Cervencia-Dubn 2.16 114 eSn Sn 06 20 21.2 +1.2
CRVS Cervencia-Dubn 2.16 114 eSn Sn 06 19 57.2 +4.6
CRVS eSn Sn 06 20 21.2 +1.2

NIED 15 06:22:00.30s,50N,142.10E,h5km,Mw3.9 Best double couple: M1:7.66000x1014 N1:38.00000x1014 P1:38.00000x1014 N2:38.00000x1014 P2:38.00000x1014 N3:38.00000x1014 P3:38.00000x1014
IDC 15 06:22:27.1s,1.1,30.50N,142.16E,h0km,mb3.8/5,mb1.3/9,mb1mx3.8/24,mbtmtmp3.8/8,ML3.5/3,MS3.1/1,MS1.3/1,1,ms1mx2.3/31,Error ellipse: s-maj=36.9km s-min=17.8km az=74.0

JMA 15 06:22:54.3s,0.3,30.52N,142.11E,h4km,ML1
ISCBJ 15 06:22:55.4s,0.8,30.68N,0.06,142.3E,0.2,h33km,mb3.9/5,Error ellipse: s-maj=20.5km s-min=6.7km az=162.9
ISC 15 06:22:57.5s,0.8,30.67N,0.06,142.3E,0.2,h35km,n18,0.195R/26,mb3.9/5,Southeast of Honshu

Code Station Name Az Phase ID Time Res h m s ISC
JHJ Hachioji jima 2.36 319 Op ISC Pn 06 23 44.6 -1.5
JHJ 13nm,0.3s,baz=246,slow=20,SNR=3.7 Sn 06 24 17.6 -6.0

JHJ 16nm,0.3s,baz=217,slow=20,SNR=3.7 Sn 06 24 34.9
JHJ comp=Z,260nm,18.5s,baz=120,slow=31 LR 06 24 25.7 -5.4
CBJ Chichi jima 3.56 182 eS Sn 06 24 45.6 +0.4

B501 Boso 1 4.13 345 eS Sn 06 24 45.7 +0.8
JODJ Odawara 2 5.36 330 P Pn 06 24 15.8 +1.3
JHU Hanno 5.75 335 P Pn 06 24 20.3 -0.2

JRY Ryogami san 6.05 333 P Pn 06 25 23.9 -1.4
JRY eS Sn 06 24 25.1 +0.6
JHO Hitachi 6.10 347 P Pn 06 25 33.0 +0.5

JAG Ashikaga 6.22 338 P Pn 06 24 27.9 +1.1
JAG eS Sn 06 25 35.3 -1.3
MJAR Matsuhiro Arr 6.79 331 Pn 06 24 34.4 -0.1
MJAR 2.8nm,0.3s,baz=164,slow=11,SNR=26.3 Sn 06 25 51.9 +1.3

MAT Matsuhiro 6.79 331 P Pn 06 24 34.9 +0.3
MAT eS Sn 06 25 50.9 +0.3
JFK Kawauchi 6.79 350 S Sn 06 25 45.9 -4.7

KSR5 Korea Array 13.71 303 Pn 06 26 09.8 +0.4
KSR5 0.1nm,0.3s,baz=111,slow=12,SNR=3.8 Sn 06 26 09.8 +0.4
SONM Songino Array 32.31 312 P P 06 29 24.2 +1.2

SONM 3.9nm,0.3s,mb3.8,baz=120,slow=8.9,SNR=5.7 Sn 06 29 24.2 +1.2
MKAR Makanchi Array 48.35 307 P P 06 31 35.8 +0.1
WRA Warramunga Arr 50.90 190 P P 06 31 54.0 -1.2

ILAR Eielson Array 54.55 30 P P 06 32 23.8 +2.1
ASAR Alice Springs 54.62 189 P P 06 32 21.6 -1.0
ASAR 0.6nm,0.5s,mb3.9,baz=0.2,slow=2,SNR=14 Sn 06 32 21.6 -1.0

IDC 15 06:30:51.1s,3.8,18.12N,106.45W,h0km,mb3.8/5,mb1.4/8,mb1mx3.8/26,mbtmtmp3.8/8,ML3.4/3,MS3.9/16,MS1.4/0,16,ms1mx3.8/26,Error ellipse: s-maj=71.1km s-min=31.4km az=23.0
GCMT 15 06:30:55.8s,0.5,18.52N,106.24W,h19km,1km,MW4.9, Moment Tensor Solution: s17,c17; s60,c86; Moment tensor: Scale 1016Nm; M1r-0.94s,15; M2r-0.56s,10; M3r-1.50s,13; M4r-0.72s,23; M5r-1.92s,08; M6r-0.25s,22; Best double couple: M1:2.40000x1016 N1:190.00000x1016 P1:190.00000x1016 N2:22.00000x1016 P2:22.00000x1016 N3:22.00000x1016 P3:22.00000x1016 N4:22.00000x1016 P4:22.00000x1016 N5:22.00000x1016 P5:22.00000x1016 N6:22.00000x1016 P6:22.00000x1016 N7:22.00000x1016 P7:22.00000x1016 N8:22.00000x1016 P8:22.00000x1016 N9:22.00000x1016 P9:22.00000x1016 N10:22.00000x1016 P10:22.00000x1016 N11:22.00000x1016 P11:22.00000x1016 N12:22.00000x1016 P12:22.00000x1016 N13:22.00000x1016 P13:22.00000x1016 N14:22.00000x1016 P14:22.00000x1016 N15:22.00000x1016 P15:22.00000x1016 N16:22.00000x1016 P16:22.00000x1016 N17:22.00000x1016 P17:22.00000x1016 N18:22.00000x1016 P18:22.00000x1016 N19:22.00000x1016 P19:22.00000x1016 N20:22.00000x1016 P20:22.00000x1016 N21:22.00000x1016 P21:22.00000x1016 N22:22.00000x1016 P22:22.00000x1016 N23:22.00000x1016 P23:22.00000x1016 N24:22.00000x1016 P24:22.00000x1016 N25:22.00000x1016 P25:22.00000x1016 N26:22.00000x1016 P26:22.00000x1016 N27:22.00000x1016 P27:22.00000x1016 N28:22.00000x1016 P28:22.00000x1016 N29:22.00000x1016 P29:22.00000x1016 N30:22.00000x1016 P30:22.00000x1016 N31:22.00000x1016 P31:22.00000x1016 N32:22.00000x1016 P32:22.00000x1016 N33:22.00000x1016 P33:22.00000x1016 N34:22.00000x1016 P34:22.00000x1016 N35:22.00000x1016 P35:22.00000x1016 N36:22.00000x1016 P36:22.00000x1016 N37:22.00000x1016 P37:22.00000x1016 N38:22.00000x1016 P38:22.00000x1016 N39:22.00000x1016 P39:22.00000x1016 N40:22.00000x1016 P40:22.00000x1016 N41:22.00000x1016 P41:22.00000x1016 N42:22.00000x1016 P42:22.00000x1016 N43:22.00000x1016 P43:22.00000x1016 N44:22.00000x1016 P44:22.00000x1016 N45:22.00000x1016 P45:22.00000x1016 N46:22.00000x1016 P46:22.00000x1016 N47:22.00000x1016 P47:22.00000x1016 N48:22.00000x1016 P48:22.00000x1016 N49:22.00000x1016 P49:22.00000x1016 N50:22.00000x1016 P50:22.00000x1016 N51:22.00000x1016 P51:22.00000x1016 N52:22.00000x1016 P52:22.00000x1016 N53:22.00000x1016 P53:22.00000x1016 N54:22.00000x1016 P54:22.00000x1016 N55:22.00000x1016 P55:22.00000x1016 N56:22.00000x1016 P56:22.00000x1016 N57:22.00000x1016 P57:22.00000x1016 N58:22.00000x1016 P58:22.00000x1016 N59:22.00000x1016 P59:22.00000x1016 N60:22.00000x1016 P60:22.00000x1016 N61:22.00000x1016 P61:22.00000x1016 N62:22.00000x1016 P62:22.00000x1016 N63:22.00000x1016 P63:22.00000x1016 N64:22.00000x1016 P64:22.00000x1016 N65:22.00000x1016 P65:22.00000x1016 N66:22.00000x1016 P66:22.00000x1016 N67:22.00000x1016 P67:22.00000x1016 N68:22.00000x1016 P68:22.00000x1016 N69:22.00000x1016 P69:22.00000x1016 N70:22.00000x1016 P70:22.00000x1016 N71:22.00000x1016 P71:22.00000x1016 N72:22.00000x1016 P72:22.00000x1016 N73:22.00000x1016 P73:22.00000x1016 N74:22.00000x1016 P74:22.00000x1016 N75:22.00000x1016 P75:22.00000x1016 N76:22.00000x1016 P76:22.00000x1016 N77:22.00000x1016 P77:22.00000x1016 N78:22.00000x1016 P78:22.00000x1016 N79:22.00000x1016 P79:22.00000x1016 N80:22.00000x1016 P80:22.00000x1016 N81:22.00000x1016 P81:22.00000x1016 N82:22.00000x1016 P82:22.00000x1016 N83:22.00000x1016 P83:22.00000x1016 N84:22.00000x1016 P84:22.00000x1016 N85:22.00000x1016 P85:22.00000x1016 N86:22.00000x1016 P86:22.00000x1016 N87:22.00000x1016 P87:22.00000x1016 N88:22.00000x1016 P88:22.00000x1016 N89:22.00000x1016 P89:22.00000x1016 N90:22.00000x1016 P90:22.00000x1016 N91:22.00000x1016 P91:22.00000x1016 N92:22.00000x1016 P92:22.00000x1016 N93:22.00000x1016 P93:22.00000x1016 N94:22.00000x1016 P94:22.00000x1016 N95:22.00000x1016 P95:22.00000x1016 N96:22.00000x1016 P96:22.00000x1016 N97:22.00000x1016 P97:22.00000x1016 N98:22.00000x1016 P98:22.00000x1016 N99:22.00000x1016 P99:22.00000x1016 N100:22.00000x1016 P100:22.00000x1016

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W20A Ramah, AMTX Amarillo, W19A Sanders, X15A Humboldt, V22A San Miguel Ran, WMOK Wichita Moun, T18A Mexican Hat, SDCO Great Sand Dun, SDCO Great Sand Dun, S22A 4UR Ranch, S18A Hurst Farm, S17A Black Ridge, T13A Saint George, PV10 Paradox Valley, U10A Ash Meadows, R18A Canyonlands, PPMC Manual Prospec, R17A Hanksville Air, ISA Isabella, SMCO Snowmass, MSU Marysvalle, R13A O'Grain Ranch, Q16A Castle Valley, CBKS Cedar Bluff, P22A Eagle, ISCO Idaho Springs, Q14A Sevier Lake, P14A Drum Mountains, DAU Daniels Canyon, LRAL Lakeview Retre, DUG Dugway, NVAR Mina Array, WAKR Walker, PDAR Pinedale Array, DWPF Disney, J18A Kendall Valley, GOGA Godfrey, REDW Red Top Meadow, RR12 Red Ridge, SNOW Snow King Moun, TPAW Teton Pass, LOHW Long Hollow, J15A Blackfoot, I20A Worland, OLIL Olney, MOOW Moose Ponds, IMW Indian Meadow, TKL Tuckaleechee, TKL comp=Z,275nm,21.3s,MS3,8,ba... WVOR Wild Horse Val, YBH Yreka Blue Hor, OTAV Otavalo, ULM Lac du Bonnet, SDV Santo Domingo, TAOE Nuku Hiva Isla, YKA Yellowknife Ar, YCHG Schefferville, RKT Rikitea, LPAZ La Paz, INK Inuvik, ILAR Eielson Array, ILAR comp=Z,101nm,18.4s,MS3,9,ba... PPT Papeete, PPT 465nm,26.5s,ba=50, PPT Papeete, TBI Tubuai, PLCA Paso Flores, PETK Petropavlovsk, NOA NORARS Array B, FINES FINES Array B, DZM Mont Dzumac

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: MKAR Makanchi Array, SONM Songoing Array, ZALV Zalevichov Beam, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, ARCS ARCESS Array B, ILAR Eielson Array, NVAR Mina Array B

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: TORD Torodi Ar. Bea, LPAZ La Paz, BRTR Keskin Array B, TXAR Lajitas Array, IDC 15 06:46:02.8±1.5,2.98N-30.94W, h0km,mb3.7/4, m1 3.9/4,mb1mx3.6/24,mbtmp3.7/4, Error ellipse: s-maj=80.1km s-min=26.1km az=160.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: MKZ Mys Kozlova, MKZ Mys Kozlova, BRTR Krutoberegovo, KBTR Krutoberegovo, BZMR Bezmyannaya, CIRR Tsirik, KPT Kopyto, KRSR Krestovskiy, KLY Klyuchi, SMKR Semkarok, BDR Bairdarya, KII Karymskiy, KOZR Kozyr, KOZR Kozyrevs, KOZ Sorokina, BKI Bering, BKI Bering, BKI Bering, BKI Bering, SPN Mys Shipunski, SPN Mys Shipunski, SPN Nalytchevo, NLC Nalytchevo, AVH Avacha, AVH Avacha, PET Petropavlovsk, PET Petropavlovsk, PET comp=Z,120nm,0.7s, PET comp=E,531nm,0.4s, GNL Ganaly, GNL Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, SKR Sverro-Kuril's, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, ERJ Erimo, MJAR Matsushiro Arr, MJAR Matsushiro Arr, ILAR Eielson Array, ILAR Eielson Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, NVAR Mina Array B, FINES FINES Array B, FINES FINES Array B, FINES Obninsk, NOA NORARS Subarra, NOA NORARS Array B, NOA NORARS Array B, TXAR Lajitas Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: TXAR Lajitas Array, BRTR Keskin Array B, BRTR Keskin Array B, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

BUI 15 07:41:39.3,39:66N-73:37E,h10km,ML3.4/5, IDC 15 07:41:5.2±1.3,39:20N:74:01E,h0km,mb3.6/3, m1 3.5/7,mb1mx3.4/28,mbtmp3.5/7,ML3.1/4,MS2.7/1, Ms1 2.7/1,ms1mx1.8/36, Error ellipse: s-maj=36.7km s-min=17.9km az=135.0, ISCJB 15 07:41:43.3±2.6,39:14N:0:07:73:51E:0:10,h15km,22km, mb3.5/3, Error ellipse: s-maj=13.0km s-min=11.3km az=5.4, NEIC 15 07:41:43.7±1.9,39:12N:73:77E,h10km, Error ellipse: s-maj=28.7km s-min=14.0km az=144.0, NNC 15 07:41:50.5±2.9,39:76N:73:58E,h10km,10km,mb3.9, mp3.5, Error ellipse: s-maj=21.9km s-min=14.6km az=2.0, ISC 15 07:41:43.9±2.6,39:20N:0:07:73:53E:0:10,h0km,19km, n1,±0.77/33,mb3.6/3,4C-5D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: KSH Kashi, KSH Kashi, KSH comp=N,640nm,0.5s, KSH comp=E,500nm,0.6s, AML Almayashu, AML Almayashu, KZA Kyzart, KZA Kyzart, EKS2 Erkin-Say, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK comp=E,0.1nm,0.3s,ba=153,slow=7.0,SNR=40, AAK comp=E,0.2nm,0.3s,ba=37,slow=19,SNR=4.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations: AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, USP Ospanovka, KK31 Karatay Array, KK31 Karatay Array, KK31 comp=E,10nm,0.5s,ba=140,slow=16,SNR=110, KK31 comp=E,1.1nm,0.5s,ba=142,slow=25,SNR=3.5, KK31 comp=E,19nm,0.5s,ba=137,slow=26,SNR=3.7, KKAR Karatay Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, KURK Kurchatov, VOSK Vostochnaya, AB31 Akbulak array, BVAR Borovoye Array, BVAR Borovoye Array, AKTK Aktyubinsk, AKTO Aktyubinsk, ZALV Zalevovich Beam, GTA Gaotal, GTA Gaotal, GTA Gaotal, BRTR Keskin Array B, ARCES ARCESS Array B, TORD Torodi Ar. Bea

IDC 15 07:52:56.4±0.4,41:70N:144:17E,h0km,mb4.9/32, m1 4.9/36,mb1mx4.9/38,mbtmp4.8/36,ML4.3/4,MS4.3/18, Ms1 4.3/18,ms1mx4.1/32, Error ellipse: s-maj=12.9km s-min=11.7km az=127.0, ISCJB 15 07:52:58.4±0.8,41:73N:0:03:144:06E:0:03,h18km,5km, mb5.1/222,MS4.6/54, Error ellipse: s-maj=5.2km s-min=3.3km az=152.4, DJA 15 07:52:59.41:74N:144:25E,h10km,mb5.3/14, NIED 15 07:53:00.41:70N:144:30E,h30km,MW4.9, Best double couple: M2 450000\*1016 NP13s:186.00000\*, 886.00000\*, 1.13.00000\*, NP2s:95.00000\*, 877.00000\*, 1.76.00000\*, BUI 15 07:53:00.6,41:80N:143:94E,h30km,mb5.2/31,mb5.2/56, Ms4.8/15,Ms7.6/49, JMA 15 07:53:00.3±0.2,41:73N:144:27E,h27km,3km,ML4.9, JMA Fell II J1, NEIC 15 07:53:01.6±1.4,41:72N:144:07E,h30km,9km,mb5.0/109, MW4.9(NIED), Error ellipse: s-maj=5.0km s-min=3.3km az=160.0, NEIC Recorded [2 JMA] in southeastern Hokkaido, MOS 15 07:53:02.6±0.9,42:25N:143:96E,h33km,mb5.4/73, MS4.7/25, Error ellipse: s-maj=7.2km s-min=4.3km az=110.6, GCMT 15 07:53:04.4±0.4,41:62N:144:28E,h22km,3km,MW4.9, Moment Tensor Solution. s23,c26; s57,c78; Moment tensor: Scale 1016Nm; M1:1.25; L1: M2:0.63; L2: M3:0.63; L3: M4:0.63; L4: M5:0.63; L5: M6:0.63; L6: M7:0.63; L7: M8:0.63; L8: M9:0.63; L9: M10:0.63; L11: M11:0.63; L12: M12:0.63; L13: M13:0.63; L14: M14:0.63; L15: M15:0.63; L16: M16:0.63; L17: M17:0.63; L18: M18:0.63; L19: M19:0.63; L20: M20:0.63; L21: M21:0.63; L22: M22:0.63; L23: M23:0.63; L24: M24:0.63; L25: M25:0.63; L26: M26:0.63; L27: M27:0.63; L28: M28:0.63; L29: M29:0.63; L30: M30:0.63; L31: M31:0.63; L32: M32:0.63; L33: M33:0.63; L34: M34:0.63; L35: M35:0.63; L36: M36:0.63; L37: M37:0.63; L38: M38:0.63; L39: M39:0.63; L40: M40:0.63; L41: M41:0.63; L42: M42:0.63; L43: M43:0.63; L44: M44:0.63; L45: M45:0.63; L46: M46:0.63; L47: M47:0.63; L48: M48:0.63; L49: M49:0.63; L50: M50:0.63; L51: M51:0.63; L52: M52:0.63; L53: M53:0.63; L54: M54:0.63; L55: M55:0.63; L56: M56:0.63; L57: M57:0.63; L58: M58:0.63; L59: M59:0.63; L60: M60:0.63; L61: M61:0.63; L62: M62:0.63; L63: M63:0.63; L64: M64:0.63; L65: M65:0.63; L66: M66:0.63; 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Table with columns: IAW, Indian Meadow, 71.41, 47, eP, P, 08 04 20.1 +0.9, etc. Includes entries like FLWY Flagg Ranch, RR12 Red Ridge, MOOV Moose Ponds, etc.

Table with columns: BRTR Keskin Array B, 77.22 312, P, P, 08 04 53.4 +0.3, etc. Includes entries like BRTR Keskin Array B, KECS Kecovo, KECS Kecovo, etc.

Table with columns: WTSB Winterswijk, 79.54 335, P, P, 08 05 04.9 -0.7, etc. Includes entries like WTSB Winterswijk, KHC Kasperse Hory, CONA Conrad Observa, etc.





Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OJC, OJCow, MORC, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WERD, KOLL, GUNZ, etc.

BUC 15 09:39:02.9, 0.2, 43.96N:28.99E, h5km, MD2.7/2, 4C-4D, Error ellipse: s-maj=1.8km s-min=1.2km az=27.0, Black Sea

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

ISK 15 09:48:15.4, 40.68N:32.82E, h5km, MD3.0 ISCBJ 15 09:48:16.6, 40.68N:32.82E, h5km, MD3.0

DDA 15 09:48:16.2, 40.68N:32.82E, h11km, 4km, MD2.9 CSEM 15 09:48:16.4, 40.68N:32.82E, h2km, MD2.9, Error ellipse: s-maj=3.3km s-min=2.2km az=173.0

ISC 15 09:48:17.0, 40.67N:0.04, 32.79E, h5km, gkm, n27, 083/47, Turkey

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

WEL 15 09:49:18.8, 0.6, 35.43S:179.13E, h219km, gkm, ML3.7/9, Error ellipse: s-maj=14.4km s-min=10.1km az=90.0, Off east coast of North Island

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

ISCJB 15 09:58:37.7, 1.9, 04.0N:0.08, 64.65W, h12km, 5.7km, Error ellipse: s-maj=13.0km s-min=5.2km az=5.6

RSPPR 15 09:58:40.0, 18.97N:64.64W, h12km, 31km, MD3.6/11 NEIC 15 09:58:40.0, 18.97N:64.64W, h12km, MD3.6(RSPRR), After RSPRR

ISC 15 09:58:38.1, 1.5, 19.02N:0.08, 64.64W, h25km, gkm, n26, 0852/47, 23C, Virginit Islands

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

SZGRF 15 09:25:23.8, 21.74S:177.23W, h33km, Fiji Islands region ISCBJ 15 09:26:16.1, 20.22S:0.05, 177.76W, h33km, 12km, mb4, 2.26, Error ellipse: s-maj=11.5km s-min=7.6km az=8.5

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





Table with columns: PTOM, Station Name, Az, El, Time, Res. Includes stations like Tomar, Marv??o, Castelo Branco, etc.

Table with columns: ELOB, Station Name, Az, El, Time, Res. Includes stations like Lobios, Quesada, Berja, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like AFI, Urewera, WRA, etc.

DJA 15 13:10:52, 0.86N:127.22E, h75km, MLV3.9/6
IDC 15 13:10:52, 4.1, 9, 0.38N:126.30E, h0km, mb3.5/3,
mb1 3.0/3, mb1mx3.5/18, mbtmp3.6/3, Error ellipse:
s-maj=171.0km s-min=24.6km az=65.0
ISCJB 15 13:10:55, 9.0, 8, 0.78N:0.09, 127.02E:0.06, h52km, 8km,
mb3.5/3, Error ellipse: s-maj=15.5km s-min=8.8km
az=24.9
ISC 15 13:10:57, 1.0, 8, 0.77N:0.08, 127.03E:0.06, h43km, 10km,
n10, e065/13, mb3.5/3, Halmahera

THE 15 14:16:01.2, 35.38N:21.80E, h0km, 6km, ML3.2/4, Error
ellipse: s-maj=13.2km s-min=2.0km az=226.0
ISCJB 15 14:16:03.6, 0.9, 35.62N:0.04, 22.03E:0.06, h10km, Error
ellipse: s-maj=8.4km s-min=3.8km az=139.8
ATH 15 14:16:03.3, 35.67N:22.01E, h2km, MD3.5/11
CSEM 15 14:16:05.8, 0.7, 35.74N:22.12E, h2km, MD3.5, Error
ellipse: s-maj=16.7km s-min=7.5km az=48.0
ISC 14:16:04.0, 4.0, 9, 35.58N:0.04, 22.03E:0.06, h10km, n53,
r184175, Central Mediterranean Sea

15d 15h

Table with columns: VLS, Valsamata, 2.74 336 P, Pn, 14 16 48.8 +0.4, etc.

IDC 15 14:24:29.5-4.9, 16.43N; 122.72E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.3-2.1, mbtmp3.4/3, Error ellipse: s-maj=270.0km s-min=30.7km az=91.0, Luzon

ISC/JB 15:43:37.2-0.8, 31.28N; 0.08-139.78E; 0.1, h225km; 9km, mb3.1/5, Error ellipse: s-maj=19.7km s-min=12.7km az=177.5

IDC 15 14:33:37.3-1.2, 31.14N; 139.29E, h196km, 12km, mb3.0/5, mb1 3.1/8, mb1mx2.9/25, mbtmp3.0/8, Error ellipse: s-maj=33.9km s-min=16.5km az=88.0

JMA 15 14:33:39.2-0.4, 31.33N; 139.58E, h212km, 4km, M3.7, ISC 15 14:33:38.2-0.9, 31.29N; 0.08-139.8E; 0.1, h217km; 10km, n26, 0.996/39, mb3.1/5, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

IDC 15 15:07:34.9-2.0, 1.11N; 126.63E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/17, mbtmp3.5/3, Error ellipse: s-maj=170.9km s-min=24.8km az=66.0

IDC 15 15:07:40.7-0.8, 0.9N; 0.1, 1.2624E; 0.05, h59km; 12km, mb3.5/3, Error ellipse: s-maj=24.0km s-min=7.7km az=10.0

DJA 15 15:07:41.0, 0.91N; 126.21E, h34km, Mlv3.8/3, ISC 15 15:07:41.6-0.8, 0.9N; 0.1, 1.2623E; 0.05, h46km; 14km, n6, 0.863/9, mb3.5/3, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

2008 SEP

Main table with columns: Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

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Table with columns: Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res













15d 22h

Table with columns: TXAR, Lajitas Array, 48.95 95 P, P, 19 33 13.8 -0.2, etc. Includes stations like KSRs, KSRs, KSRs, etc.

CSEM 15:19:35:44.0, 38:14N:23:50E, h27km, MD3.0, After ATH

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like NAIG, LTK, LTK, etc.

ISCJB 15:20:07:32.21.1, 36:10N:01:27.3E:0.1, h12km, 16km

CSEM 15:20:07:34.3, 35:82N:27:29E, h5km, 3km, MD3.3/5

CSEM 15:20:07:34.3, 35:82N:27:29E, h5km, 3km, MD3.3, After ATH

ISC 15:20:07:32.21.0, 36:04N:0:08.27:17E:0.09, h1km, 12km, n17, c1535/17, Dodecanese Islands

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like KARP, KARP, etc.

NIED 15:20:24:0.0, 34:90N:140:20E, h80km, Mw3.6 Best double

ISCJB 15:20:24:0.0, 34:91N:0:03:140:22E:0.04, h95km, 3km, mb3.3/7, Error ellipse: s-maj=6.4km s-min=5.0km az=136.8

JMA 15:20:24:0.0, 34:92N:140:24E, h91km, 2km, MB3.5

DC 15:20:24:41.1, 1.5, 34:99N:140:33E, h83km, 13km, mb3.2/6, mb1 3.5/8, mb1mx3.3/26, mbtmpr3.3/8, Error ellipse: s-maj=23.7km s-min=7.2km az=76.0

NEIC 15:20:24:42.51.1, 7:34:99N:140:16E, h92km, 15km, MD3.5(JMA), Error ellipse: s-maj=32.1km s-min=14.7km az=69.0

ISC 15:20:24:41.7:0.4, 34:91N:0:03:140:25E:0.04, h89km, 3km, n29, c079/45, mb3.3/7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like BSO4, BSO4, etc.

2008 SEP

Table with columns: MAT, Matsushiro, 2.33 315 P, Pn, 20 25 18.3 +0.1, etc. Includes stations like ASAJ, GUMO, etc.

ISC 15:20:36:44.2.2.1, 11:26N:87:32W, h0km, mb3.7/3, mb1 4.1/4, mb1mx3.7/23, mbtmpr3.7/4, ML3.7/1, MS2.9/3, Ms1 2.9/3, ms1mx2.5/27, Error ellipse: s-maj=94.4km s-min=13.8km az=31.0

ISCJB 15:20:36:51.1:0.5, 11:57N:0:06:86:97W:0:06, h60km, 9km, mb3.8/4, Error ellipse: s-maj=12.5km s-min=4.4km az=136.3

CASC 15:20:36:51.6:3.5, 11:60N:86:99W, h30km, 11km, MD3.9, ML3.4, mb4.3(NEIC)

NEIC 15:20:36:52.0:1.1, 11:49N:86:96W, h59km, 10km, mb3.4/3/1, Error ellipse: s-maj=38.9km s-min=10.7km az=221.0

ISC 15:20:36:52.0:0.5, 11:58N:0:05:86:94W:0:05, h55km, 9km, n41, c098/46, mb3.8/4, MS2.7/2, 1C, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like COPN, CRUN, etc.

ISCJB 15:22:27:02.1:0.4, 35:00N:0:03:52:66E:0.04, h10km, Error ellipse: s-maj=4.6km s-min=4.1km az=150.6

THR 15:22:27:02.1:2.1, 8.34:92N:52:64E, h15km, ML3.5

TEH 15:22:27:02.3, 34:94N:52:65E, h4km

CSEM 15:22:27:02.3, 34:95N:52:62E, h24km, ML3.5, After THR

ISC 15:22:27:02.3:0.4, 35:00N:0:03:52:63E:0.04, h10km, n32, c095/36, Northern and central Iran

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like ILAS, IFIR, etc.

ISCJB 15:20:57:43.4:1.7, 6:1N:0:1:127:2E:0.2, h107km, 13km, mb3.9/10, Error ellipse: s-maj=37.8km s-min=12.8km az=154.2

ISC 15:20:57:43.6:5.1, 6:06N:127:23E, h91km, 42km, mb3.7/9, mb1 3.8/9, mb1mx3.5/22, mbtmpr3.7/9, Error ellipse: s-maj=84.9km s-min=12.3km az=65.0

NEIC 15:20:57:44.2:3.1, 6:03N:127:12E, h96km, 23km, mb4.3/1, Error ellipse: s-maj=75.2km s-min=9.1km az=68.0

MAN 15:20:57:49.6:72N:127:17E, h45km, mb5.1, ML4.1, MS4.2

ISC 15:20:57:44.2:1.6, 6:1N:0:1:127:2E:0.2, h98km, 3km, n18, c073/22, mb3.9/10, 1D, Philippine Islands

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like MATI, DAV, etc.

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Table with columns: ARCES, Arces Array B, 88.44 340 P, P, 21 10 24.9 -0.2, etc. Includes stations like FINES, FINES, etc.

ISC 15:22:26:05.0:0.9, 6:68S:129:28E, h0km, mb3.9/7, mb1 4.3/10, mb1mx4.1/19, mbtmpr4.1/10, ML4.4/3, Error ellipse: s-maj=53.5km s-min=16.6km az=64.0

NEIC 15:22:26:10.4:2.0, 6:82S:129:27E, h41km, 21km, mb3.8/5, Error ellipse: s-maj=14.2km s-min=11.4km az=204.0

ISC 15:22:26:12.6:2.6, 6:95S:0:1:129:4E:0.1, h67km, 29km, n27, c087/32, mb3.8/7, Banda Sea

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like FITZ, FITZ, etc.

ISCJB 15:22:27:02.1:0.4, 35:00N:0:03:52:66E:0.04, h10km, Error ellipse: s-maj=4.6km s-min=4.1km az=150.6

THR 15:22:27:02.1:2.1, 8.34:92N:52:64E, h15km, ML3.5

TEH 15:22:27:02.3, 34:94N:52:65E, h4km

CSEM 15:22:27:02.3, 34:95N:52:62E, h24km, ML3.5, After THR

ISC 15:22:27:02.3:0.4, 35:00N:0:03:52:63E:0.04, h10km, n32, c095/36, Northern and central Iran

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, etc. Includes stations like ILAS, IFIR, etc.







V26A	Tequesquite Ra	69.17 328	↑P	P	23 47 42.3 -0.3
Z21A	St. Cloud Mine	69.19 324	↑P	P	23 47 43.5 +0.7
BNM	Barren S	69.29 325	eP	P	23 47 43.2 -0.2
Y22A	Socorro	69.30 325	↑P	P	23 47 43.8 +0.3
X23A	Hourglass Bar	69.40 326	↑P	P	23 47 44.5 +0.5
LPM	Los Pinos Moun	69.41 325	eP	P	23 47 44.2 +0.1
LENM	Lemitar	69.48 325	eP	P	23 47 44.7 +0.1
218A	Dragon	69.49 322	↑P	P	23 47 45.1 +0.4
W24A	Lazy 6 Ranch,	69.50 327	↑P	P	23 47 44.4 -0.2
Z20A	Nine Sixteen R	69.54 323	↑P	P	23 47 45.6 +0.7
V25A	Rancho No Teng	69.61 328	↑P	P	23 47 45.1 -0.2
U26A	Atchley Ranch,	69.64 329	↑P	P	23 47 45.4 -0.1
119A	Ashpeak Ranch,	69.67 323	P	P	23 47 46.2 +0.5
Y21A	Point of Rocks	69.73 325	P	P	23 47 46.9 +0.8
LAZ	Ladron	69.75 325	eP	P	23 47 46.2 0.0
217A	Green Valley	69.79 321	↑P	P	23 47 46.9 +0.3
ANMO	Albuquerque	69.82 326	eP	P	23 47 46.5 -0.2
ANMO	Albuquerque	69.82 326	eP	P	23 47 46.5 -0.2
W23A	Werner Place,	69.83 326	↑P	P	23 47 47.2 +0.5
V24A	Rampart Ranch,	69.84 327	↑P	P	23 47 47.1 +0.3
CBKS	Cedar Bluff	69.86 333	eP	P	23 47 46.1 -0.7
CBKS	Cedar Bluff	69.86 333	eP	P	23 47 46.1 -0.7
118A	Homack Ranch,	69.94 322	↑P	P	23 47 47.7 +0.2
U25A	Circle Dot Ran	69.96 328	↑P	P	23 47 47.5 +0.0
Y20A	Horse Springs,	70.02 324	↑P	P	23 47 48.6 +0.7
Z19A	T-Link Ranch,	70.04 323	P	P	23 47 48.8 +0.7
X21A	Alamocita Cree	70.12 325	↑P	P	23 47 49.4 +0.9
W22A	Albuquerque	70.13 326	↑P	P	23 47 49.5 +0.9
TUC	Tucson	70.16 321	eP	P	23 47 47.9 -0.9
TUC	Tucson	70.16 321	eP	P	23 47 47.9 -0.9
JFWS	Jewell Farm	70.18 342	eP	P	23 47 47.1 -1.6
JFWS	Jewell Farm	70.18 342	eP	P	23 47 47.1 -1.6
V23A	Ortiz Mt. (NFS	70.31 327	P	P	23 47 50.0 +0.5
216A	Three Pines	70.32 321	P	P	23 47 49.9 +0.1
117A	Oracle	70.33 321	↑P	P	23 47 50.0 +0.2
U24A	Moreno Valley	70.39 328	↑P	P	23 47 50.6 +0.5
Y19A	Nutrioso	70.53 323	↑P	P	23 47 51.9 +0.9
T25A	Trinidad	70.55 329	↑P	P	23 47 51.6 +0.5
W21A	San Fidel	70.56 325	↑P	P	23 47 52.0 +0.8
X20A	Quemado	70.57 324	↑P	P	23 47 52.0 +0.7
U23A	El Rito	70.77 327	P	P	23 47 52.8 +0.4
V22A	San Miguel Ran	70.80 326	↑P	P	23 47 53.5 +0.9
T24A	Torres Weston	70.81 328	↑P	P	23 47 53.4 +0.8
Y18A	Canyon Day Jun	70.83 323	↑P	P	23 47 53.1 +0.3
116A	Elo	70.87 321	↑P	P	23 47 53.4 +0.3
X19A	St. Johns	70.91 324	↑P	P	23 47 53.5 +0.3
S25A	Robets Cordova	70.98 329	↑P	P	23 47 54.1 +0.4
W20A	Ramah	71.02 325	↑P	P	23 47 54.6 +0.7
214A	Organ Pipe Nat	71.08 320	↑P	P	23 47 54.8 +0.4
V21A	Milan	71.09 326	↑P	P	23 47 55.2 +0.8
U22A	Liaves	71.14 327	↑P	P	23 47 55.6 +1.0
Y17A	Roosevelt	71.22 322	↑P	P	23 47 55.6 +0.5
115A	Sonoran Desert	71.28 321	↑P	P	23 47 56.0 +0.5
S24A	Houchin Ranch,	71.33 329	↑P	P	23 47 56.6 +0.8
X18A	Snowflake	71.34 323	↑P	P	23 47 56.5 +0.6
W19A	Sanders	71.48 324	↑P	P	23 47 57.0 +0.3
V20A	Brimhall	71.52 325	↑P	P	23 47 57.3 +0.4
SDCO	Great Sand Dun	71.56 328	eP	P	23 47 57.1 0.0
U21A	Nageezi	71.58 326	↑P	P	23 47 57.8 +0.5
T22A	Edith	71.62 327	↑P	P	23 47 58.6 +0.8
Z15A	Gila River Ind	71.66 321	↑P	P	23 47 58.1 +0.2
W18A	Petrified Fore	71.67 324	↑P	P	23 47 58.4 +0.5
X17A	Forest Lakes	71.69 323	↑P	P	23 47 58.8 +0.9
114A	Black Gap (USA	71.71 320	↑P	P	23 47 58.3 +0.2
Y16A	Circle Bar Ran	71.71 322	↑P	P	23 47 58.8 +0.7
V19A	Window Rock	71.75 325	↑P	P	23 47 59.1 +0.7
R24A	Sanders Place,	71.76 329	↑P	P	23 47 58.9 +0.6
Q25A	Bedland, Calha	71.91 330	↑P	P	23 47 59.0 -0.2
T21A	Navajo Lake	71.96 327	↑P	P	23 47 60.0 +0.5
U20A	Newcom	71.99 326	↑P	P	23 47 60.0 +0.3
X16A	Lo Mia Camp, P	72.08 322	↑P	P	23 48 01.0 +0.7
W17A	Winslow	72.17 323	↑P	P	23 48 01.4 +0.5
S22A	4UR Ranch, Cre	72.20 328	↑P	P	23 48 01.4 +0.4
V18A	Ganado	72.22 324	↑P	P	23 48 01.3 +0.2
113A	Mohawk Valley,	72.23 320	↑P	P	23 48 01.0 -0.2
Y15A	Casa Rosa Ranch	72.25 321	↑P	P	23 48 01.7 +0.4
U19A	Dine' College,	72.28 325	↑P	P	23 48 01.3 -0.2
P25A	Willow Gulch B	72.36 330	↑P	P	23 48 02.5 +0.6
Q24A	Divide	72.36 329	↑P	P	23 48 02.5 +0.7
Z13A	Yuma Proving G	72.47 320	↑P	P	23 48 02.8 +0.2
R22A	Saguache, Gunn	72.54 328	↑P	P	23 48 03.6 +0.7
X15A	Humboldt	72.58 322	↑P	P	23 48 03.9 +0.6
T19A	Beclabito	72.59 326	↑P	P	23 48 03.5 +0.2

OGNE	Ogallala	72.61 333	eP	P	23 48 03.5 +0.2
S21A	Coal Bank Pass	72.61 327	↑P	P	23 48 03.9 +0.5
V17A	Tombey Kykot	72.62 324	↑P	P	23 48 04.2 +0.7
Y14A	Wickenburg	72.62 321	↑P	P	23 48 03.7 +0.2
W16A	Flagstaff	72.63 323	↑P	P	23 48 04.7 +1.1
Q23A	Hartsel	72.64 329	↑P	P	23 48 03.9 +0.4
P24A	Kohler Place,	72.70 330	↑P	P	23 48 04.6 +0.7
U18A	Rough Rock, Ch	72.72 325	↑P	P	23 48 04.7 +0.6
COWI	Conover	72.74 344	eP	P	23 48 03.6 -0.9
ECSD	EROS Data Cent	72.93 338	eP	P	23 48 03.9 -1.2
X14A	Yava	72.94 321	↑P	P	23 48 06.0 +0.6
Y13A	Salome	73.01 320	↑P	P	23 48 06.3 +0.5
S20A	Disappointment	73.02 327	↑P	P	23 48 06.8 +1.0
R21A	Cimarron	73.04 328	↑P	P	23 48 06.5 +0.7
GLA	Glamis	73.06 319	↑P	P	23 48 06.4 +0.3
GLA	Glamis	73.06 319	eP	P	23 48 05.6 -0.5
GLA	Glamis	73.06 319	eP	P	23 48 05.6 -0.5
W15A	Wahkiakum	73.10 322	↑P	P	23 48 07.1 +0.8
Q22A	Crested Butte,	73.11 328	↑P	P	23 48 07.1 +0.7
U16A	Tube City	73.19 324	↑P	P	23 48 07.5 +0.7
ISCO	Idaho Springs	73.25 330	eP	P	23 48 07.2 +0.1
ISCO	Idaho Springs	73.25 330	eP	P	23 48 07.2 +0.1
T18A	Mexican Hat	73.27 325	↑P	P	23 48 07.5 +0.2
SYO	Syowa Base	73.30 157	↑P	P	23 48 05.5 -1.6
R20A	Rocky Range	73.31 327	↑P	P	23 48 08.4 +1.0
S19A	Harvey Farm, M	73.35 326	↑P	P	23 48 08.1 +0.4
PV01	Paradox Valley	73.36 327	eP	P	23 48 07.9 +0.1
Y12C	Blythe	73.37 320	↑P	P	23 48 08.4 +0.4
SMCO	Snowmass	73.39 328	eP	P	23 48 08.0 +0.1
Q21A	Lamborn Mesa,	73.41 328	↑P	P	23 48 08.6 +0.5
V15A	Kaibab Nationa	73.52 323	↑P	P	23 48 09.7 +1.0
SWSC	Sam W. Stewart	73.56 319	↑P	P	23 48 09.4 +0.3
SBA	Scott Base	73.56 190	eP	P	23 48 08.5 0.0
SBA	Scott Base	73.56 190	eP	P	23 48 08.5 0.0
X13A	Yucca	73.56 321	↑P	P	23 48 09.4 +0.4
W14A	Seligman	73.58 322	↑P	P	23 48 10.0 +0.8
P22A	Eagle	73.62 329	↑P	P	23 48 09.9 +0.6
T17A	Navajo Res., N	73.65 325	↑P	P	23 48 10.6 +1.0
Q23A	Lake Granby, G	73.72 330	↑P	P	23 48 10.5 +0.7
PV04	Paradox Valley	73.73 327	eP	P	23 48 09.8 -0.1
S18A	Hurt Farm, B	73.75 326	↑P	P	23 48 10.9 +0.8
R19A	Curley Farm, L	73.83 326	↑P	P	23 48 10.8 +0.3
BC3	Big Truckwall	73.85 319	↑P	P	23 48 11.0 +0.3
Q20A	Ridgley Place,	73.86 327	↑P	P	23 48 10.8 +0.1
P21A	Newcastle	73.89 328	↑P	P	23 48 11.7 +0.8
V14A	Boquillas Ranc	73.90 322	↑P	P	23 48 11.7 +0.7
MONP	Monument Peak	73.91 318	↑P	P	23 48 11.6 +0.5
BAR	Barrett	73.92 318	eP	P	23 48 11.0 -0.2
W13A	Hualapai Mount	73.96 321	↑P	P	23 48 12.0 +0.6
Q22A	Kremling	73.97 329	↑P	P	23 48 11.4 +0.1
T16A	Glen Canyon 2a	74.02 324	↑P	P	23 48 12.5 +0.8
IRM	Iron Mountain	74.03 320	↑P	P	23 48 12.1 +0.3
U15A	North Rim	74.03 323	↑P	P	23 48 12.7 +0.9
S17A	Black Ridge (B	74.13 325	↑P	P	23 48 12.8 +0.6
R18A	Canyonlands Na	74.22 326	↑P	P	23 48 12.9 +0.1
M24A	Cheyenne	74.24 331	↑P	P	23 48 13.7 +0.9
N23A	Red Spring L	74.28 330	↑P	P	23 48 14.0 +0.9
Q19A	Hogan Spring L	74.34 327	↑P	P	23 48 13.8 +0.4
PHWY	Pilot Hill	74.38 331	eP	P	23 48 14.1 +0.4
BELC	Belle Mtn. Jos	74.42 319	↑P	P	23 48 14.5 +0.5
PFO	Pinyon Flat Ob	74.42 319	↑P	P	23 48 14.6 +0.5
PFO	Pinyon Flat Ob	74.42 319	eP	P	23 48 14.4 +0.3
PFO	Pinyon Flat Ob	74.42 319	eP	P	23 48 14.4 +0.3
PFO	Pinyon Flat Ob	74.42 319	eP	P	23 48 14.4 +0.3
N22A	Wittenberg Ran	74.44 330	↑P	P	23 48 14.9 +1.0
O21A	Pagoda	74.45 329	↑P	P	23 48 15.1 +1.1
U14A	Mt Trumbull	74.51 323	↑P	P	23 48 15.5 +1.0
T15A	Red Dirt Ranch	74.51 324	↑P	P	23 48 15.5 +1.0
V13A	Grand Canyon W	74.55 322	↑P	P	23 48 15.3 +0.5
S16A	Weppner Ranch,	74.61 325	↑P	P	23 48 15.3 +0.3
M23A	Laramie	74.64 331	↑P	P	23 48 15.5 +0.4
LDFC	Watts	74.65 321	eP	P	23 48 16.2 +0.9
W12A	Cal Nev Ari	74.67 321	↑P	P	23 48 15.7 +0.3
R17A	Hartsville Air	74.67 326	↑P	P	23 48 15.7 +0.3
P19A	Cripple Cowboy	74.72 327	↑P	P	23 48 16.5 +0.8
O20A	White River Ci	74.75 328	↑P	P	23 48 16.4 +0.6
GMRC	Granite Mounta	74.76 320	↑P	P	23 48 16.7 +0.7
MURC	Murrieta	74.87 318	↑P	P	23 48 16.7 +0.1
O18A	Rafter H Ranch	74.89 326	↑P	P	23 48 17.0 +0.3
T14A	Hurricane	74.93 323	↑P	P	23 48 17.7 +0.8
U13A	Pakoon Wash	74.95 322	↑P	P	23 48 17.6 +0.6
V12A	Nelson	74.96 321	↑P	P	23 48 17.3 +0.2
R16A	Teasdale	74.97 325	↑P	P	23 48 17.5 +0.4

SRU	San Rafael	75.09 326	eP	P	23 48 17.8 0.0
SRU	San Rafael	75.09 326	eP	P	23 48 17.8 0.0
L23A	Garrett	75.14 331	↑P	P	23 48 18.1 +0.1
EYMN	Ely	75.16 343	↑P	P	23 48 16.5 -1.4
HEC	Hector Ludlow	75.19 320	P	P	23 48 19.1 +0.7
Q16A	Castle Valley	75.28 326	↑P	P	23 48 19.4 +0.5
U12A	Valley of Fire	75.28 322	↑P	P	23 48 19.6 +0.6
O19A	Miners Draw (B	75.30 328	↑P	P	23 48 19.3 +0.3
N20A	Spence Gulch,	75.31 329	↑P	P	23 48 19.1 +0.2
R15A	Junction	75.33 324	↑P	P	23 48 20.0 +0.8
P18A	Preston Nutter	75.35 327	↑P	P	23 48 20.0 +0.8
T13A	Saint George	75.35 323	↑P	P	23 48 20.1 +0.8
V11A	Goodsprings	75.37 321	↑P	P	23 48 19.8 +0.4
TUQ	Turquoise Moun	75.37 320	↑P	P	23 48 19.9 +0.4
CCUT	Cedar City	75.44 323	eP	P	23 48 20.7 +0.9
P17A	Butcher Ranch,	75.48 326	↑P	P	23 48 20.4 +0.4
S14A	Cedar City	75.48 324	↑P	P	23 48 20.7 +0.7
RWWY	Rawlins	75.48 330	eP	P	23 48 20.0 0.0
M21A	Separation Pea	75.49 330	↑P	P	23 48 20.4 +0.4
MSU					

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like N15A Stansbury Isla, HWUT Hardware Ranch, VES Vestal, etc.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like H14A Leadore, F16A Kennard Ranch, B21A Ellsworth Farm, etc.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like C12B Naegeli Ranch, B13A Whitefish, EMJ Mijas, etc.

Table with columns: ASAR, Alice Springs, 128.39 204, PKIKP, PKPpre, 23 55 34.7, etc. Includes various station codes and coordinates.

Table with columns: CMAR, Chiang Mai Arr, 165.51 110, PKIKP, PKPdf, 23 56 39.4, etc. Includes station codes and coordinates.

Table with columns: KMBO, Kilima Mbogo, 38.52 301, P, P, 00 37 00.2 +0.2, etc. Includes station codes and coordinates.





Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KKK, DMN, HABR, KSN, etc.

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

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





Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Yava, Tuba City, Shontz, Harvey Farm, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Diamond G Ranc, Soda Springs, Brown Place, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tepee Creek, Big Rock Lookout, Wollman Farm, etc.

BUJ 16 02:58:36.3, 36:95N-23:85E, h130km, mB4.8/1, mB4.8/9
PDG 16 02:58:37.9, 0.2, 36:75N-23:68E, h150km, 36km, ML4.7/9,
Error ellipse: s-maj=4.3km s-min=7.0km az=0.0
MOS 16 02:58:38.9, 1.0, 36:73N-23:99E, h147km, mB4.5/21, Error
ellipse: s-maj=5.8km s-min=2.8km az=101.8
ISCJB 16 02:58:38.6, 0.2, 36:69N-24:02:01E:0.02, h148km, 1km,
mB4.3/48, Error ellipse: s-maj=3.2km s-min=1.8km
az=34.3
IDC 16 02:58:38.9, 1.7, 36:75N-24:10E, h131km, 16km, mB3.9/23,
mB1.4/032, mB1mx1.0/39, mBtp4.0/32, MS2.8/1,
Ms1 2.8/1, ms1mx2.1/39, Error ellipse: s-maj=10.3km
s-min=9.6km az=151.0
NEIC 16 02:58:39.8, 36:69N-24:03E, h137km, mB4.5/32, After
ATH.
CSEM 16 02:58:39.4, 0.1, 36:71N-24:01E, h142km, 1km, mB4.6/21,
Mw3.5, Error ellipse: s-maj=4.0km s-min=2.4km az=37.0
ATH 16 02:58:39.8, 36:69N-24:03E, h137km, 2km, ML4.5
THE 16 02:58:40.7, 36:73N-23:99E, h140km, 2km, ML4.5/9, Error
ellipse: s-maj=2.5km s-min=0.8km az=213.0
SZGRF 16 02:58:40.1, 37:36N-23:38E, h33km, mB4.1, Southern
NIC 16 02:58:44.6, 0.1, 36:32N-24:80E, h130km, mB4.8, ML4.3,
MW3.5
ISC 16 02:58:39.6, 0.2, 36:69N-24:02:01E:0.02, h142km, 1km,
n757, s192/853, mB4.3/48, 29S-55D, Southern Greece

THRS	Thira Island	1.11 104	P	Pn	02 59 05.8 +1.1	VLS	Valsamata	3.10 300	P	Pn	02 59 28.0 +0.1	PUK	Puka	6.23 330	ePn	Pn	03 00 08.0 -1.2
THRS	Thira Island	1.11 104	P	Pn	02 59 05.8 +1.1	PRK	Paraskevi	3.12 34	P	Pn	02 59 29.2 +1.0	ULC	Ulcinj	6.43 326	Pn	Pn	03 00 09.6 -2.3
NAIG	Nisos Aigina	1.15 339	eP	Pn	02 59 05.7 +0.7	PRK	Paraskevi	3.12 34	P	Pn	02 59 29.2 +1.0	ULC	Ulcinj	6.43 326	Pn	Pn	03 00 09.6 -2.3
NAIG	Nisos Aigina	1.15 339	eP	Pn	02 59 05.7 +0.7	PRK	Paraskevi	3.12 34	eP	Pn	02 59 29.4 +1.2	ULC	Ulcinj	6.43 326	Pn	Pn	03 01 07.0 -2.3
THR3	Thira Island	1.16 103	P	Pn	02 59 06.3 +1.2	PRK	Paraskevi	3.12 34	P	Pn	02 59 29.4 +1.2	ULC	Ulcinj	6.43 326	Pn	Pn	03 01 07.0 -2.3
THR3	Thira Island	1.16 103	P	Pn	02 59 06.3 +1.2	PRK	Paraskevi	3.12 34	P	Pn	02 59 29.4 +1.0	ULC	Ulcinj	6.43 326	Pn	Pn	03 00 10.5 -1.5
VLY	Voula, Athens	1.18 352	eP	Pn	02 59 05.5 +0.2	PAIG	Paliouri	3.25 356	P	Pn	02 59 29.8 0.0	BCI	Bajram Curri	6.44 333	ePn	Pn	03 00 13.1 -0.9
VLY	Voula, Athens	1.18 352	eP	Pn	02 59 05.7 +0.4	PAIG	Paliouri	3.25 356	P	Pn	02 59 29.8 0.0	LJBD	Adjabya	6.57 210	iP	Pn	03 00 13.1 -0.9
VLY	Voula, Athens	1.18 352	eP	Pn	02 59 23.6 -1.3	PAIG	Paliouri	3.25 356	P	Pn	02 59 30.2 +0.4	KIZT	Kizilcal	6.61 68	ePn	Pn	03 00 14.5 +0.2
VLY	Voula, Athens	1.18 352	eP	Pn	02 59 05.7 +0.4	PAIG	Paliouri	3.25 356	P	Pn	02 59 30.2 +0.4	CEL	Celeste	6.64 286	ePn	Pn	03 00 13.8 -1.0
THR1	Thera Island	1.21 105	P	Pn	02 59 23.6 -1.3	THL	Klokotos Trika	3.27 332	P	Pn	02 59 30.0 -0.2	CEL	Celeste	6.64 286	ePn	Pn	03 01 20.1 -9.2
THR1	Thera Island	1.21 105	P	Pn	02 59 25.4 0.0	LIA	Limnos Island	3.34 16	P	Pn	02 59 32.2 +1.2	CEL	Celeste	6.64 286	ePn	Pn	03 01 20.1 -9.2
THR1	Thera Island	1.21 105	P	Pn	02 59 06.7 +1.1	LIA	Limnos Island	3.34 16	eP	Pn	02 59 32.5 +1.5	CEL	Celeste	6.64 286	ePn	Pn	03 01 20.1 -9.2
THR1	Thera Island	1.21 105	P	Pn	02 59 25.4 0.0	LIA	Limnos Island	3.34 16	P	Pn	02 59 32.5 +1.5	CEL	Celeste	6.64 286	ePn	Pn	03 01 20.1 -9.2
APE	Apeiranthos	1.28 72	P	Pn	02 59 07.0 +0.7	LIA	Limnos Island	3.34 16	P	Pn	02 59 32.2 +1.2	PVY	Plav	6.67 333	Pn	Pn	03 00 13.1 -2.0
APE	Apeiranthos	1.28 72	P	Pn	02 59 07.0 +0.7	ARG	Arkhangelos	3.35 97	P	Pn	02 59 32.2 +1.2	PVY	Plav	6.67 333	Pn	Pn	03 01 23.3 -6.6
APE	Apeiranthos	1.28 72	P	Pn	02 59 07.0 +1.2	ARG	Arkhangelos	3.35 97	P	Pn	02 59 31.7 +0.7	PVY	Plav	6.67 333	Pn	Pn	03 01 13.1 -2.0
APE	Apeiranthos	1.28 72	eP	Pn	02 59 26.4 -0.2	ARG	Arkhangelos	3.35 97	P	Pn	02 59 32.2 +1.1	HDM	Hadim	6.74 12	eP	Pn	03 00 16.8 +0.8
APE	Apeiranthos	1.28 72	eP	Pn	02 59 07.4 +1.1	ARG	Arkhangelos	3.35 97	P	Pn	02 59 32.2 +1.0	SHZ	Strazhica	6.81 85	ePn	Pn	03 00 16.8 -0.2
APE	Apeiranthos	1.28 72	eP	Pn	02 59 26.0 -0.6	ARG	Arkhangelos	3.35 97	P	Pn	02 59 31.9 +0.7	PDG	Podgorica	6.81 329	ePn	Pn	03 00 14.3 -2.6
APE	Apeiranthos	1.28 72	eP	Pn	02 59 07.4 +1.1	VER	Yerkesik	3.46 81	ePn	Pn	02 59 34.9 +2.4	TTG	Podgorica	6.81 329	ePn	Pn	03 00 14.3 -2.6
KARN	Karanos	1.28 183	P	Pn	02 59 26.4 -0.2	LIT	Litokhoron	3.61 341	P	Pn	02 59 34.9 +2.4	TTG	Podgorica	6.81 329	ePn	Pn	03 00 14.3 -2.6
KARN	Karanos	1.28 183	P	Pn	02 59 07.5 +1.1	LIT	Litokhoron	3.61 341	P	Pn	02 59 34.1 -0.4	TTG	Podgorica	6.81 329	ePn	Pn	03 01 26.0 -7.2
KARN	Karanos	1.28 183	P	Pn	02 59 27.3 +0.5	LIT	Litokhoron	3.61 341	P	Pn	02 59 34.1 -0.4	TTG	Podgorica	6.81 329	ePn	Pn	03 01 26.0 -7.2
KARN	Karanos	1.28 183	P	Pn	02 59 07.5 +1.1	LIT	Litokhoron	3.61 341	P	Pn	02 59 34.1 -0.4	TTG	Podgorica	6.81 329	ePn	Pn	03 01 26.0 -7.2
KARN	Karanos	1.28 183	P	Pn	02 59 27.3 +0.5	LIT	Litokhoron	3.61 341	P	Pn	02 59 34.4 -0.1	TTG	Podgorica	6.81 329	ePn	Pn	03 00 14.3 -2.6
VAM	Vamos	1.29 173	P	Pn	02 59 06.6 +0.2	EZN	Ezine	3.62 34	ePn	Pn	02 59 34.4 -0.1	BUM	Brajci-Budva	6.86 326	Pn	Pn	03 00 15.1 -2.5
VAM	Vamos	1.29 173	P	Pn	02 59 06.6 +0.2	EZN	Ezine	3.62 34	ePn	Pn	02 59 34.7 0.0	BUM	Brajci-Budva	6.86 326	Pn	Pn	03 01 27.4 -7.0
VAM	Vamos	1.29 173	P	Pn	02 59 07.0 +0.6	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.0 +0.1	BUM	Brajci-Budva	6.86 326	Pn	Pn	03 00 15.1 -2.5
VAM	Vamos	1.29 173	P	Pn	02 59 07.0 +0.6	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.0 +0.1	BEY	Berane	6.94 334	Pn	Pn	03 00 16.5 -2.2
VAM	Vamos	1.29 173	P	Pn	02 59 07.0 +0.6	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.0 +0.1	BEY	Berane	6.94 334	Pn	Pn	03 00 16.5 -2.2
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	IVA	Iva	6.94 334	Pn	Pn	03 00 16.5 -2.2
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	IVA	Iva	6.94 334	Pn	Pn	03 01 29.9 -6.4
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	PPCY	Paphos	7.01 102	P	Pn	03 00 17.5 -2.3
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02 59 08.4 +2.0	OUR	Ouranopolis	3.64 360	P	Pn	02 59 35.3 +0.4	ZIMR	Zimra	7.04 8	Pn	Pn	03 00 20.2 +0.1
ATHU	Athens Unvers	1.29 352	P	Pn	02												

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NVLJ Novaja, RTMI Retamim, YTHR Yattir, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOTA Moosalm, KIEV Kiev, AKASG Malin Array Be, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VORD Divnogorie, VSR Storzhevoje, VSR comp=N,3,0nm,0.4s, etc.







TKL	Tuckaleechee C	22.48	23	eP	P	05 42 42.9	-1.4
118A	Homack Ranch	22.50	323	↑P	P	05 42 44.8	+0.2
ANMO	Albuquerque	22.54	333	↑P	P	05 42 44.0	-1.0
4.1nm, 0.9s, mb4.7, baz=152, slow=12, SNR=19							
ANMO	Albuquerque	22.54	333	eP	P	05 42 44.0	-0.3
5.4nm, 0.9s, mb4.0							
V25A	Rancho No Teng	22.57	338	↑P	P	05 42 45.6	+0.2
baz=22							
W23A	Werner Place	22.59	334	↑P	P	05 42 45.8	+0.3
baz=22, SNR=6.3							
Y20A	Horse Springs	22.60	328	↑P	P	05 42 46.3	+0.7
baz=22, SNR=14							
Y24A	Rampart Ranch	22.72	336	↑P	P	05 42 47.4	+0.5
baz=23, SNR=5.4							
X21A	Alamocita Cree	22.73	330	↑P	P	05 42 47.2	+0.1
baz=23, SNR=2.3							
TUC	Tucson	22.74	322	eP	P	05 42 47.2	+0.1
14nm, 2.1s, mb4.8							
U26A	Atchley Ranch	22.77	340	↑P	P	05 42 47.4	0.0
baz=23, SNR=37							
SIUC	Southern Illin	22.91	10	eP	P	05 42 46.8	-2.1
25nm, 0.9s, mb4.7							
216A	Three Points	22.94	320	↑P	P	05 42 49.9	+0.6
baz=23, SNR=8.5							
U25A	Circle Dot Ran	23.00	339	↑P	P	05 42 49.9	0.0
baz=23, SNR=23							
Y19A	Nutrices	23.09	327	↑P	P	05 42 51.4	+0.6
baz=23, SNR=8.2							
V23A	Ortiz Mt. (NFS	23.10	335	↑P	P	05 42 51.6	+0.6
baz=23, SNR=42							
X20A	Quemad	23.16	329	P	P	05 42 52.3	+0.8
baz=23, SNR=29							
U24A	Moreno Valley	23.33	337	↑P	P	05 42 54.0	+0.7
baz=23, SNR=15							
Y18A	Canyon Day Jun	23.38	325	↑P	P	05 42 54.1	+0.3
baz=23, SNR=11							
X19A	St. Johns	23.47	328	P	P	05 42 55.4	+0.7
baz=23, SNR=10.0							
V22A	San Miguel Ran	23.55	334	↑P	P	05 42 55.6	+0.2
baz=24, SNR=51							
U23A	El Rito	23.61	335	↑P	P	05 42 56.3	+0.3
baz=24, SNR=80							
W20A	Ramah	23.63	330	↑P	P	05 42 56.8	+0.6
baz=24, SNR=14							
T25A	Trinidad	23.67	340	↑P	P	05 42 56.7	+0.2
baz=24, SNR=39							
214A	Organ Pipe Nat	23.77	318	↑P	P	05 42 57.4	0.0
baz=24							
Y17A	Roosevelt	23.77	324	↑P	P	05 42 57.9	+0.5
baz=24, SNR=8.2							
V21A	Milan	23.78	332	↑P	P	05 42 58.3	+0.8
baz=24, SNR=6.6							
T24A	Torres, Weston	23.83	338	↑P	P	05 42 58.5	+0.5
baz=24, SNR=20							
Z16A	Peralta Trail,	23.85	322	↑P	P	05 42 57.9	-0.3
baz=24, SNR=6.8							
115A	Sonoran Desert	23.89	320	↑P	P	05 42 59.1	+0.6
baz=24, SNR=11							
X18A	Snowflake	23.90	327	↑P	P	05 42 59.6	+1.0
baz=24, SNR=10							
U22A	Llaves	23.93	334	↑P	P	05 42 59.5	+0.7
baz=24, SNR=17							
KSU1	Kansas State U	23.94	356	eP	P	05 42 58.4	-0.5
20nm, 0.8s, mb4.6							
CBK5	Cedar Bluff	24.05	350	eP	P	05 43 00.5	+0.6
86nm, 1.1s, mb5.1							
OL1L	Olney	24.11	12	eP	P	05 42 58.3	-2.2
38nm, 0.8s, mb4.9							
V20A	Brimhall	24.16	331	↑P	P	05 43 00.8	-0.1
baz=24, SNR=9.8							
T23A	Casias Ranch,	24.17	337	↑P	P	05 43 01.7	+0.7
baz=24, SNR=14							
X17A	Forest Lakes	24.22	325	P	P	05 43 01.9	+0.4
baz=24, SNR=19							
W18A	Petrified Fore	24.24	328	↑P	P	05 43 03.1	+1.4
baz=24, SNR=7.0							
Y16A	Circle Bar Ran	24.27	323	↑P	P	05 43 02.4	+0.4
baz=24, SNR=8.7							
U21A	Nageezi	24.31	333	↑P	P	05 43 02.7	+0.3
baz=24, SNR=22							
T22A	Edith	24.49	335	↑P	P	05 43 05.1	+1.1
baz=24, SNR=21							
R25A	Fountain Ranch	24.55	341	P	P	05 43 05.3	+0.9
baz=24, SNR=20							
SDCO	Great Sand, D	24.59	338	eP	P	05 43 05.2	+0.3
13nm, 1.1s, mb4.4							
X16A	Lo Mia Camp, P	24.63	324	↑P	P	05 43 05.6	+0.2
baz=25, SNR=37							
T21A	Navajo Lake	24.73	334	↑P	P	05 43 07.2	+1.1
baz=25, SNR=10.0							
V18A	Ganado	24.80	328	↑P	P	05 43 09.0	+2.2
baz=25, SNR=5.2							
Y15A	Casa Rosa Ranc	24.82	322	↑P	P	05 43 08.0	+1.0
baz=25, SNR=11							
BLO	Bloomington	24.88	14	eP	P	05 43 07.5	-1.7
21nm, 0.8s, mb4.7							
R24A	Sanders Place,	24.89	339	↑P	P	05 43 08.3	+0.7
baz=25, SNR=9.0							
113A	Mohawk Valley,	24.91	318	↑P	P	05 43 07.4	-0.5
baz=25, SNR=12							
U19A	Dine' College,	24.91	330	↑P	P	05 43 07.7	-0.2
baz=25, SNR=13							
S22A	4UR Ranch, Cre	25.09	336	↑P	P	05 43 10.2	+0.8
baz=25, SNR=13							
Z13A	Yuma Proving G	25.12	319	↑P	P	05 43 09.3	-0.4
baz=25, SNR=15							
X15A	Humboldt	25.14	323	↑P	P	05 43 09.9	0.0
baz=25, SNR=11							
V17A	Tonalea, Kykot	25.18	327	↑P	P	05 43 10.5	+0.3
baz=25, SNR=26							
W16A	Flagstaff	25.18	325	↑P	P	05 43 10.4	+0.1
baz=25, SNR=6.3							
Y14A	Wickenburg	25.21	321	↑P	P	05 43 10.4	-0.2
baz=25, SNR=9.5							
Q25A	Bedland, Calha	25.24	342	P	P	05 43 11.3	+0.5
baz=25, SNR=14							
T19A	Beclabitt	25.26	331	↑P	P	05 43 10.8	-0.1
baz=25, SNR=7.5							
S21A	Coal Bank Pass	25.41	334	↑P	P	05 43 12.6	+0.2
baz=25, SNR=23							
R22A	Saguache Gunn	25.48	337	↑P	P	05 43 13.5	+0.5
baz=25, SNR=17							
W15A	Williams	25.65	324	↑P	P	05 43 14.6	0.0
baz=26							
Q23A	Hartsel	25.75	339	↑P	P	05 43 16.2	+0.8
baz=26, SNR=11							
P25A	Willow Gulch B	25.76	342	↑P	P	05 43 15.8	+0.3
baz=26							
GLA	Glamis	25.78	317	eP	P	05 43 15.6	-0.1
13nm, 0.9s, mb4.5							
S20A	Disappointment	25.79	334	↑P	P	05 43 16.7	+0.9
baz=26, SNR=9.9							
T18A	Mexican Hat	25.91	331	↑P	P	05 43 16.6	-0.2
baz=26, SNR=10							
R21A	Cimarron	25.91	336	↑P	P	05 43 17.3	+0.4
baz=26, SNR=6.6							
S19A	Harvey Farm, M	26.06	332	↑P	P	05 43 18.2	0.0
baz=26, SNR=9.0							
V15A	Kalbab Nationa	26.07	325	↑P	P	05 43 18.5	+0.2
baz=26							
Q22A	Crested Butte,	26.10	337	↑P	P	05 43 18.3	-0.2
baz=26, SNR=9.2							
R20A	Redvale	26.10	334	↑P	P	05 43 19.7	+1.1
baz=26, SNR=16							
PV01	Paradox Valley	26.14	334	eP	P	05 43 19.4	+0.5
2um, 1.1s							
PDMC1	Parker Dam, Lak	26.15	320	↑P	P	05 43 18.8	-0.3
baz=26							
X13A	Yucca	26.16	321	↑P	P	05 43 18.3	-0.9
baz=26, SNR=6.5							
T17A	Navajo Res., N	26.25	329	↑P	P	05 43 20.6	+0.6
baz=26, SNR=5.9							
Q21A	Lamborn Mesa,	26.33	336	↑P	P	05 43 21.2	+0.6
baz=26, SNR=6.4							
SMCO	Snowmass	26.40	337	eP	P	05 43 22.1	+0.8
16nm, 1.1s, mb4.5							
S18A	Hurst Farm, Bl	26.41	331	↑P	P	05 43 21.1	-0.2
baz=26, SNR=11							
V14A	Boquillas Ranc	26.45	324	↑P	P	05 43 22.4	+0.5
baz=26, SNR=7.1							
ISCO	Idaho Springs	26.48	340	eP	P	05 43 22.6	+0.6
13nm, 1.0s, mb4.4							
ISCO	Paradox Valley	26.50	334	eP	P	05 43 33.4	+1.6
PV10	Paradox Valley	26.54	333	eP	P	05 43 22.9	+0.7
19nm, 1.0s, mb5.6							
OGNE	Ogallala	26.56	347	eP	P	05 43 23.2	+0.5

BC3	Big Chuckawall	26.56	318	↑P	P	05 43 22.7	-0.2
42nm, 0.9s, mb5.0							
R19A	Curley Farm, L	26.57	333	↑P	P	05 43 22.8	0.0
baz=26, SNR=8.0							
U15A	North Rim	26.58	326	↑P	P	05 43 22.8	-0.1
baz=26, SNR=7.2							
SCIA	State Center	26.67	2	eP	P	05 43 21.9	-1.7
53nm, 0.8s, mb5.1							
IRM	Iron Mountain	26.69	319	↑P	P	05 43 23.4	-0.6
baz=27							
Q20A	Ridgley Place,	26.72	335	↑P	P	05 43 23.9	-0.3
baz=27, SNR=5.6							
S17A	Black Ridge (B	26.75	330	↑P	P	05 43 24.5	+0.1
baz=27							
R18A	Canyonlands Na	26.93	332	↑P	P	05 43 25.9	-0.1
baz=27							
U14A	N Trumbull	27.06	325	↑P	P	05 43 27.3	0.0
baz=27, SNR=7.0							
T15A	Red Dirt Ranch	27.07	327	↑P	P	05 43 27.8	+0.5
baz=27, SNR=8.5							
V13A	Grand Canyon W	27.11	323	↑P	P	05 43 27.9	+0.2
baz=27, SNR=5.1							
Q19A	Hogan Spring (	27.12	334	↑P	P	05 43 28.0	+0.2
baz=27, SNR=9.6							
ATAH	Atahualpa	27.18	143	LR	LR	05 50 56.2	
comp=Z, 120nm, 22.0s, MS3, 4.0s, slow=29							
S16A	Weppner Ranch,	27.21	329	↑P	P	05 43 28.7	+0.1
baz=27, SNR=6.0							
P20A	De Beque	27.22	336	↑P	P	05 43 29.0	+0.3
baz=27, SNR=14							
LDFC	Leandro	27.26	320	↑P	P	05 43 30.1	+1.0
19nm, 1.1s, mb4.5							
R17A	Hanksville Air	27.33	331				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULM, E14A Clinton, B20A Solberg Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CD2 Chengdu, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VHO Vista Hermosa, HUIG Huatulo, etc.

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.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUX Matakaoa Point, URJ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSWZ Blackbirch Sta, THZ Tophouse, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 16 06:24:51, KAKA Kakanui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, CEP Cherat, etc.

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

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.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Arr, BRVK Borovoye, etc.

NIED 16 06:44:00, 24:80N, 122:70E, h135km, Mw4.0 Best double couple: M1.24000x1015 N1.10x7.00000, 0.74,00000, 1.22,00000. NP2s:333.00000, 369.00000, 1693.00000







Table with columns for team names (e.g., KEST, SALF, LCO), scores, and other statistics. Includes sub-sections like 'COW ABTA' and 'TOD TROMM'.

Table with columns for team names (e.g., COW ABTA, TOD TROMM, FUR FURSTENFELDBRU), scores, and other statistics. Includes sub-sections like 'COW ABTA' and 'TOD TROMM'.

Table with columns for team names (e.g., GOGA Godfrey, GOGA Godfrey), scores, and other statistics. Includes sub-sections like 'GOGA Godfrey' and 'GOGA Godfrey'.



725A	Roswell	77.63 304	↑P	P	07 40 21.9	-0.2	SMCO	Snowmass	80.17 309	eP	P	07 40 36.2	+0.3	TUC	Tucson	82.62 302	eP	P	07 40 49.0	-0.1	
	baz=78,SNR=14							comp=Z,17nm,1.2s,mb4.9						TUC	Tucson	82.62 302	eP	P	07 40 49.0	-0.1	
Y25A	Mesa, Roswell	77.69 304	↑P	P	07 40 22.0	-0.4	W21A	San Fidel	80.25 305	↑P	P	07 40 37.0	+0.6	A19A	Klindworth Far	82.63 319	↑P	P	07 40 48.5	-0.2	
	baz=78,SNR=5.9							baz=80,SNR=8.0							baz=83,SNR=10						
U25A	Circle Dot Ran	77.79 307	↑P	P	07 40 22.9	0.0	X21A	Alamogordo Cree	80.30 305	P	P	07 40 37.1	+0.5	C19A	Slack Wire No	82.69 318	↑P	P	07 40 48.7	-0.4	
	baz=78,SNR=11							baz=80,SNR=13							baz=83,SNR=8.6						
V25A	Rancho No Teng	77.88 306	↑P	P	07 40 23.5	+0.1	J22A	Midwest	80.34 314	↑P	P	07 40 35.6	-1.1	B19A	Brinson Farms	82.71 319	↑P	P	07 40 48.6	-0.5	
	baz=78							baz=80,SNR=5.9							baz=83,SNR=6.3						
T25A	Trinidad	77.89 308	↑P	P	07 40 23.9	+0.5	U21A	Nageezi	80.39 307	↑P	P	07 40 37.8	+0.6	P18A	Preston Nutter	82.73 310	↑P	P	07 40 49.8	+0.4	
	baz=78,SNR=6.5							baz=81,SNR=12							baz=83,SNR=9.7						
R25A	Fountain Ranch	77.94 309	↑P	P	07 40 24.5	-0.2	R21A	Cimarron	80.52 309	↑P	P	07 40 38.0	+0.2	W17A	Winslow	82.75 305	↑P	P	07 40 50.3	+0.6	
	baz=78,SNR=8.9							baz=80,SNR=9.0							baz=83,SNR=8.8						
KEV	Kevo	77.95 17	PFAKE	LR	07 40 30.0	+7.0	P21A	Newcastle	80.57 310	↑P	P	07 40 39.7	+1.7	M18A	Lyman	82.76 312	↑P	P	07 40 49.6	0.0	
	comp=Z,744nm,20.0s,MSS.0							baz=80							baz=83,SNR=5.3						
KEV	Kevo	77.95 17	eP	P	07 40 22.6	-0.4	C22A	Vida	80.58 318	↑P	P	07 40 37.5	-0.3	Y17A	Roosevelt	82.76 304	↑P	P	07 40 50.3	+0.6	
	comp=Z,0.2nm,0.3s							baz=81,SNR=13							baz=83,SNR=8.7						
KEV	Kevo	77.95 17	eP	P	07 40 22.6	-0.4	Q21A	Lamborn Mesa,	80.59 309	↑P	P	07 40 38.8	+0.6	X17A	Forest Lakes	82.78 304	↑P	P	07 40 50.4	+0.6	
	comp=Z,0.2nm,0.3s							baz=81,SNR=13							baz=83,SNR=7.4						
S25A	Robets Cordova	77.99 308	↑P	P	07 40 24.4	+0.5	S21A	Coal Bank Pass	80.63 308	↑P	P	07 40 39.2	+0.9	H18A	Shoshone NF, C	82.78 315	↑P	P	07 40 48.9	-0.7	
	baz=78,SNR=5.9							baz=81,SNR=16							baz=83,SNR=8.8						
MNTX	Cornudas Mount	78.00 302	eP	P	07 40 22.8	-1.4	320A	Kipp Ranch, An	80.64 301	P	P	07 40 39.6	+1.0	I18A	Diamond G Ranch	82.79 314	↑P	P	07 40 49.3	-0.3	
	comp=Z,18nm,1.5s,mb4.8							baz=81,SNR=9.0							baz=83,SNR=5.5						
MNTX	comp=Z,913nm,20.0s,MSS.1		LR	LR			LAO	LA SA Array	80.64 317	eP	P	07 40 38.3	0.0	K18A	Toitan Ranch,	82.85 313	↑P	P	07 40 49.4	-0.6	
								comp=Z,23nm,0.9s,mb5.1							baz=83,SNR=7.0						
Q25A	Bedland, Calha	78.03 310	↑P	P	07 40 24.3	+0.2	LAO	comp=Z,2um,20.0s,MSS.4		LR	LR				V17A	Tonalca, Kytok	82.85 306	↑P	P	07 40 50.9	+0.7
	baz=78,SNR=8.8														baz=83,SNR=23						
P25A	Willow Gulch B	78.06 310	↑P	P	07 40 24.7	+0.5	D22A	Cohagen	80.68 318	↑P	P	07 40 38.5	+0.1	GCMT	Greycliff	82.90 316	eP	P	07 40 50.0	-0.2	
	baz=78							baz=81,SNR=13							comp=Z,1.6nm,0.7s,mb4.2						
324A	Moseley Ranch,	78.06 302	↑P	P	07 40 23.5	-0.0	220A	Pattona, Kytok	80.68 302	↑P	P	07 40 39.4	+0.6	SRU	San Rafael	82.90 309	eP	P	07 40 50.4	+0.1	
	baz=78,SNR=9.7							baz=81,SNR=10							comp=Z,15nm,1.2s,mb4.9						
Q25A	Wiggins	78.11 311	↑P	P	07 40 25.2	+0.6	Y20A	Horse Springs,	80.73 304	↑P	P	07 40 39.9	+0.9	SRU	San Rafael	82.90 309	eP	P	07 40 50.4	+0.1	
	baz=78,SNR=9.3							baz=82,SNR=6.6													
224A	Cornudas Mount	78.16 302	↑P	P	07 40 24.7	-0.3	KBS	Kingsbay	80.75 7	PFAKE	LR	07 40 50.0	+1.2	SRU	San Rafael	82.90 309	eP	P	07 40 50.4	+0.1	
	baz=78																				
124A	Stringfield Ra	78.17 303	↑P	P	07 40 24.5	-0.6	M21A	Separation Pea	80.76 312	↑P	P	07 40 38.9	-0.1	F18A	Big Timber	82.94 316	↑P	P	07 40 50.2	-0.2	
	baz=78,SNR=6.5							comp=Z,444nm,20.0s,MSS.8							baz=83,SNR=13						
Y24A	Capitan	78.30 304	↑P	P	07 40 25.5	-0.3	N21A	Black Mountain	80.77 311	↑P	P	07 40 39.7	+0.6	T17A	Navajo Res., N	82.96 307	↑P	P	07 40 51.9	+1.2	
	baz=78,SNR=16							baz=81,SNR=12							baz=83,SNR=20						
V24A	Rampart Ranch	78.39 306	↑P	P	07 40 26.3	0.0	K21A	Alcova	80.80 313	P	P	07 40 39.0	-0.2	R17A	Hanksville Air	83.00 308	↑P	P	07 40 50.7	-0.1	
	baz=78,SNR=8.7							baz=81,SNR=8.8							baz=83,SNR=5.4						
T24A	Torres, Weston	78.39 308	↑P	P	07 40 27.1	+0.9	L21A	Rawlins	80.81 312	↑P	P	07 40 39.0	-0.2	S17A	Black Ridge (B	83.01 308	↑P	P	07 40 51.7	+0.8	
	baz=78,SNR=7.3							baz=81,SNR=13							baz=83,SNR=26						
W24A	Lazy 6 Ranch,	78.44 306	↑P	P	07 40 27.2	+0.7	120A	U Bar Ranch, L	80.83 303	↑P	P	07 40 40.2	+0.6	D18A	Linhart Farms,	83.14 317	↑P	P	07 40 51.3	-0.1	
	baz=78,SNR=18							baz=81,SNR=6.1							baz=83,SNR=8.7						
R24A	Sanders Place,	78.59 309	↑P	P	07 40 28.3	+1.0	Z20A	Nine Springs, R	80.84 303	↑P	P	07 40 40.4	+0.8	E18A	Harlowton	83.15 317	↑P	P	07 40 51.4	-0.1	
	baz=78							baz=81,SNR=6.5							baz=83						
S24A	Houchin Ranch,	78.60 309	↑P	P	07 40 28.0	+0.7	X20A	Quemado	80.89 305	↑P	P	07 40 40.6	+0.7	O17A	Robinson Place	83.16 310	↑P	P	07 40 52.2	+0.5	
	baz=79							baz=81,SNR=11							baz=83,SNR=9.3						
RSSD	Black Hills	78.71 315	eP	P	07 40 27.4	-0.3	W20A	Ramah	80.94 305	↑P	P	07 40 40.5	+0.4	U16A	Tuba City	83.16 306	↑P	P	07 40 52.3	+0.5	
	comp=Z,4.3nm,0.9s,mb4.8							baz=81,SNR=9.4							baz=83,SNR=6.9						
RSSD	Black Hills	78.71 315	eP	P	07 40 27.5	-0.3	R20A	Brimhall	80.98 306	↑P	P	07 40 40.3	0.0	EGMT	Eagleton	83.20 318	eP	P	07 40 51.1	-0.5	
	comp=Z,5.0nm,0.9s,mb4.4							baz=81							comp=Z,22nm,1.3s,mb5.0						
Q24A	Divide	78.73 309	↑P	P	07 40 28.8	+0.7	I21A	Big Trails, Te	80.98 314	↑P	P	07 40 39.3	-0.8	EGMT	comp=Z,2um,20.0s,MSS.4		LR	LR			
	baz=79,SNR=5.6							baz=81,SNR=15													
N24A	Carr	78.80 311	↑P	P	07 40 28.7	+0.4	J21A	Lysite	81.03 314	↑P	P	07 40 40.1	-0.4	M17A	Scully Gap (B	83.21 312	↑P	P	07 40 51.6	-0.3	
	baz=79,SNR=6.2							baz=81,SNR=12							baz=83,SNR=8.4						
Y23A	Lovelace Mesa,	78.81 304	↑P	P	07 40 28.7	+0.1	S20A	Disappointment	81.10 308	↑P	P	07 40 41.9	+1.0	Z16A	Peralta Trail,	83.23 303	↑P	P	07 40 52.8	+0.7	
	baz=79,SNR=8.9							baz=81,SNR=7.1							baz=83,SNR=5.4						
SDCO	Great Sand Dunes	78.84 308	eP	P	07 40 28.9	+0.3	R20A	Redvale	81.15 308	↑P	P	07 40 41.8	+0.7	SYO	Syowa Base	83.23 160	eP	P	07 40 51.6	+0.2	
	comp=Z,8.2nm,1.2s,mb4.5							baz=81,SNR=18							baz=83,SNR=5.4						
SDCO	comp=Z,2um,22.0s,MSS.3		LR	LR			Q20A	Ridgley Place,	81.16 309	↑P	P	07 40 41.5	+0.3	SYO	Syowa Base	83.23 160	eP	P	07 40 51.6	+0.2	
								baz=81,SNR=6.6							baz=83,SNR=5.4						
M24A	Cheyenne	78.85 312	↑P	P	07 40 29.2	+0.5	D21A	La Caca Ranch	81.22 317	↑P	P	07 40 41.4	+0.1	B18A	Bearsley Farm	83.25 319	↑P	P	07 40 51.5	-0.4	
	baz=79,SNR=12							baz=81,SNR=5.0							baz=83,SNR=5.5						
Z23A	Rita Site, Whi	78.89 304	↑P	P	07 40 29.1	+0.1	O20A	White River Ci	81.25 310	↑P	P	07 40 41.9	+0.3	LKWy	Lake	83.29 315	eP	LR	LR		
	baz=79							baz=81,SNR=7.9													
KLMR	Klimovskoe	78.90 28	eP	P	07 40 29.1	+0.7	PV01	Paradox Valley	81.29 308	eP	P	07 40 42.3	+0.4	LKWy	Lake	83.29 315					

16d 7h

2008 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like HRY Holter Research, A16A West Butte Ranch, C16A Fuhringer Ranc, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like YKA comp=Z,0.6nm,0.7s,mb4.0, YKA Yellowknife Ar, C11A Tepee Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like CASY Casey, BILL Blibino, TAOE Nuku Hiva Isla, etc.









Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like ANMO Albuquerque, LAZ Ladron, LENM Lemitar, etc.

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like RPZ Rata Peaks, TAOE Nuku Hiva Island, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like MURC Murrieta, VES Vestal, BFSC Mount Baldy Ra, etc.

ADC 16 09:46:52.0, 0.4, 16.72Sx172.73W, h0km, mb4.8/27, mb1 4.9/27, mb1mx4.9/28, mb1tmp4.8/27, MS4.9/21, MS1 4.9/21, ms1mx4.8/27, Error ellipse: s-maj=18.3km s-min=12.0km az=149.0

ASAR Alice Springs 50.27 253 P P 09 55 48.4 -2.7 comp=Z,50nm,0.6s,mb5.7,baz=98,slow=8.2,SNR=444

WRA Warramunga Arr 50.22 258 eP P 09 55 48.4 -2.7 comp=Z,3.2nm,0.6s,mb4.5,baz=95,slow=7.0,SNR=60

NEIC 16 09:46:54.2, 0.1, 16.64Sx172.74W, h10km, mb5.3/119, Error ellipse: s-maj=6.8km s-min=3.9km az=144.0

ASAR Alice Springs 50.27 253 P P 09 55 49.4 -2.7 comp=Z,50nm,0.6s,mb5.7,baz=98,slow=8.2,SNR=444

WRA Warramunga Arr 50.22 258 eP P 09 55 48.4 -2.7 comp=Z,3.2nm,0.6s,mb4.5,baz=95,slow=7.0,SNR=60

MOS 16 09:47:00.2, 1.3, 15.74Sx172.65W, h33km, mb5.4/41, MS5.0/13 Error ellipse: s-maj=13.3km s-min=7.6km az=63.9

ASAR Alice Springs 50.27 253 P P 09 55 49.4 -2.7 comp=Z,50nm,0.6s,mb5.7,baz=98,slow=8.2,SNR=444

WRA Warramunga Arr 50.22 258 eP P 09 55 48.4 -2.7 comp=Z,3.2nm,0.6s,mb4.5,baz=95,slow=7.0,SNR=60

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like BMNI Bima, SPSI Sidrap Palu, TTSI Tana Toraja, etc.

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Includes stations like WAKR Wahiye, YBH Yreka Blue Hor, YBH Yreka Blue Hor, etc.

216A	Three Points, baz=76,SNR=11	76.03	50	↑P	P	09 58 42.4 +0.1
KDAD	Kodiak Island comp=Z,23nm,1.1s,mb5.0,baz=223,slow=7.7,SNR=4.9	76.04	11	↑P	P	09 58 41.0 -0.6
KDAD	comp=Z,829nm,18.4s,MS5.1,baz=10,slow=34					10 29 53.0
KDAD	Kodiak Island	76.04	11	↑P	P	09 58 43.1 +1.5
116A	Eloy	76.13	50	↑P	P	09 58 43.0 +0.2
T11A	Corn Creek, Al baz=76,SNR=42	76.15	44	↑P	P	09 58 42.8 0.0
U12A	Valley of Fire baz=76,SNR=32	76.17	45	↑P	P	09 58 43.1 +0.2
Z15A	Gila River Ind baz=76	76.17	49	↑P	P	09 58 43.1 +0.1
T12A	Moapa	76.21	45	↑P	P	09 58 43.0 +0.3
V13A	Grand Canyon W baz=76,SNR=13	76.23	46	↑P	P	09 58 43.2 -0.1
X14A	Yava baz=76,SNR=8.7	76.26	47	↑P	P	09 58 43.7 +0.2
Y15A	Casa Rosa Ranch baz=76,SNR=25	76.39	48	↑P	P	09 58 44.5 +0.2
SBUM	Sibu	76.44	277	↑P	sP	09 58 58.0 +3.2
STKI	Sintang	76.44	274	↑P	sP	09 58 56.9 +2.1
W14A	Seligman	76.51	47	↑P	P	09 58 45.3 +0.4
R11A	Troy Canon, C baz=77,SNR=21	76.53	43	↑P	P	09 58 44.7 -0.2
MIR	Mirnyy	76.54	204	↑P	P	09 58 45.0 +0.4
U13A	comp=Z,58nm,1.4s,mb5.3	76.55	45	↑P	P	09 58 45.2 +0.1
S12A	Delamar Landin baz=77,SNR=29	76.60	44	↑P	P	09 58 45.8 +0.5
BMN	Battle Mountai comp=Z,1.6s,mb5.2	76.68	40	↑P	P	09 58 45.9 +0.2
BMN	Battle Mountai	76.68	40	↑P	P	09 58 45.9 +0.2
TUC	Tucson comp=Z,55nm,1.6s,mb5.2	76.68	50	↑P	P	09 58 46.0 +0.1
TUC	Tucson comp=Z,86nm,1.9s,mb5.4	76.68	50	↑P	P	09 58 46.0 +0.1
X14A	Boquilla Ranch baz=77,SNR=18	76.72	46	↑P	P	09 58 46.4 +0.3
X15A	Humboldt baz=77,SNR=14	76.73	48	↑P	P	09 58 46.4 +0.3
117A	Oracle baz=77,SNR=13	76.84	50	↑P	P	09 58 47.1 +0.3
318A	Bisbee baz=77,SNR=12	76.85	51	↑P	P	09 58 47.0 +0.2
T13A	Saint George baz=77,SNR=16	76.91	32	↑P	P	09 58 47.3 +0.2
E03A	Lebam	76.91	32	↑P	P	09 58 47.0 +0.2
Y16A	Circle Bar Ran baz=77,SNR=18	76.96	48	↑P	P	09 58 47.5 +0.1
WVOR	Wild Horse Val comp=Z,38nm,1.4s,mb5.1	77.02	38	↑P	P	09 58 47.1 -0.5
WVOR	Wild Horse Val	77.02	38	↑P	P	09 58 47.1 -0.5
218A	Dragon baz=77,SNR=8.9	77.06	51	↑P	P	09 58 48.5 +0.5
U14A	Mt Trumbull baz=77,SNR=29	77.08	45	↑P	P	09 58 48.5 +0.5
HOOD	Mount Hood Mea comp=Z,25nm,1.0s,mb5.1	77.12	34	↑P	P	09 58 47.9 -0.1
V1PM	Ingram Point	77.15	35	↑P	P	09 58 48.3 -0.1
V1PM	Ingram Point	77.15	35	↑P	P	09 58 48.3 -0.1
S13A	Holt Ranch, En baz=77,SNR=51	77.25	44	↑P	P	09 58 49.3 +0.3
X16A	Lo Mia Camp, P baz=77,SNR=14	77.26	48	↑P	P	09 58 49.6 +0.4
NLWA	Neilton Lookou comp=Z,129nm,2.0s,mb5.2	77.33	32	↑P	P	09 58 48.8 -0.4
Y17A	Roosevelt	77.33	49	↑P	P	09 58 49.4 -0.1
319A	Douglas baz=78,SNR=7.2	77.35	52	↑P	P	09 58 49.9 +0.2
118A	Homack Ranch, baz=78,SNR=11	77.44	50	↑P	P	09 58 50.6 +0.4
V15A	Kaibab Nationa baz=78,SNR=17	77.46	46	↑P	P	09 58 50.9 +0.7
TDL	Tradedollar La	77.48	33	↑P	P	09 58 50.5 +0.4
T14A	Hurricane baz=78,SNR=14	77.49	45	↑P	P	09 58 50.5 +0.2
R13A	O'Grain Ranch, baz=78,SNR=12	77.50	44	↑P	P	09 58 51.0 +0.6
107A	Izeze baz=78,SNR=16	77.52	36	↑P	P	09 58 50.5 +0.2
KSR5	Korea Army	77.53	315	↑P	P	09 58 51.4 +0.8
KSR5	comp=Z,16nm,1.1s,mb4.9,baz=125,slow=6.1,SNR=36					10 32 02.8
W16A	Flagstaff baz=78	77.54	47	↑P	P	09 58 51.5 +0.8
CCUT	Cedar City	77.56	44	↑P	P	09 58 50.8 +0.1
ARUT	Antelope Range comp=Z,32nm,1.4s,mb5.1	77.64	44	↑P	P	09 58 51.5 +0.3
ARUT	Antelope Range comp=Z,14nm,1.0s,mb4.8	77.64	44	↑P	P	09 58 51.5 +0.3
219A	White Tail Can comp=Z,14nm,1.0s,mb4.8	77.66	51	↑P	P	09 58 51.5 +0.1
J08A	Circle Bar Ran baz=78,SNR=10	77.67	37	↑P	P	09 58 51.0 -0.2
X17A	Forest Lakes baz=78,SNR=8.0	77.67	48	↑P	P	09 58 52.1 +0.6
U15A	North Rim baz=78,SNR=20	77.70	46	↑P	P	09 58 52.1 +0.6
S14A	Cedar City	77.80	44	↑P	P	09 58 52.5 +0.4
320A	Kipp Ranch, An baz=78,SNR=8.3	77.94	52	↑P	P	09 58 53.3 +0.5
T15A	Red Dirt Ranch baz=78,SNR=32	77.94	45	↑P	P	09 58 53.2 +0.3
Y18A	Canyon Day Jun baz=78	77.95	49	↑P	P	09 58 53.7 +0.6
LON	Longmie comp=Z,21nm,1.4s,mb4.9	77.96	33	↑P	P	09 58 52.3 -0.4
LON	Longmie	77.96	33	↑P	P	09 58 52.3 -0.4
GNW	Green Mountain comp=Z,21nm,1.4s,mb4.9	77.97	32	↑P	P	09 58 52.7 0.0
KSM	Kuching comp=Z,36nm,1.9s,mb5.0	77.97	275	↑P	P	09 58 54.6 +1.0
119A	Ashpeak Ranch, baz=78,SNR=6.3	78.00	50	↑P	P	09 58 53.6 +0.3
WPW	White Pass	78.06	33	↑P	P	09 58 53.1 -0.2
D05A	Enumclaw baz=78,SNR=12	78.15	33	↑P	P	09 58 54.7 +0.9
220A	Playas Peak, P baz=78,SNR=15	78.16	51	↑P	P	09 58 54.7 +0.5
LEM	Lembang comp=Z,89nm,1.1s,mb5.6	78.22	266	↑P	P	09 58 58.5 +3.5
S15A	Pangutch baz=78,SNR=27	78.30	45	↑P	P	09 58 56.1 +1.3
V17A	Tonalea, Kykot baz=78	78.33	47	↑P	P	09 58 55.3 +0.2
U16A	Tuba City baz=78,SNR=15	78.36	47	↑P	P	09 58 55.8 +0.6
PGC	Sidney comp=Z,6.0nm,1.8s,mb4.2	78.38	31	↑P	P	09 58 54.8 -0.2
X18A	Snowflake baz=78,SNR=6.9	78.38	49	↑P	P	09 58 55.9 +0.6
120A	J Bar Ranch, L baz=78,SNR=7.1	78.39	51	↑P	P	09 58 56.5 +1.0
Q14A	Sevier Lake (B baz=78,SNR=24	78.39	43	↑P	P	09 58 55.6 +0.3
INCN	Inchon comp=Z,42nm,1.0s,mb5.3	78.42	315	↑P	P	09 58 57.1 +1.6
T16A	Glen Canyon Da baz=79,SNR=9.4	78.52	46	↑P	P	09 58 56.9 +0.7
RSO	Redoubt South comp=Z,48nm,0.9s,mb5.4	78.54	10	↑P	P	09 58 57.9 +2.3
G08A	Pilot Rock baz=79,SNR=25	78.57	36	↑P	P	09 58 55.9 -0.3
Y19A	Nutriso baz=79,SNR=17	78.61	49	↑P	P	09 58 57.2 +0.6
R15A	Junction baz=79,SNR=6.9	78.64	44	↑P	P	09 58 57.6 +0.9
QZH	Quanzhou	78.67	300	↑P	P	09 58 56.3 -0.9

QZH	comp=Z,920nm,13.6s,MS5.3					10 08 50.8 -2.7
QZH						
Z19A	Nine Sixteen R baz=79,SNR=10	78.69	50	↑P	P	09 58 57.5 +0.4
X20A	St. Johns baz=79,SNR=10.0	78.81	49	↑P	P	09 58 58.7 +1.0
JCW	Jim Creek	78.83	32	↑P	P	09 58 56.9 -0.6
S16A	Wepner Ranch, baz=79,SNR=10.0	78.84	45	↑P	P	09 58 57.8 -0.1
P14A	Drum Mountains baz=79,SNR=43	78.85	43	↑P	P	09 58 58.0 +0.1
MSU	Marysvalde	78.86	44	↑P	P	09 58 58.9 +0.9
MSU	Marysvalde	78.86	44	↑P	P	09 58 58.9 +1.0
E07A	Sunnyday baz=79,SNR=6.7	78.87	34	↑P	P	09 58 58.1 +0.3
RSW	Rattlesnake Hi	78.91	34	↑P	P	09 58 58.1 +0.1
HAWA	Hanford comp=Z,76nm,1.8s,mb5.3	78.94	34	↑P	P	09 58 58.0 -0.1
V18A	Ganado baz=79,SNR=16	78.98	47	↑P	P	09 58 59.0 +0.3
Q15A	Fillmore baz=79,SNR=10	78.99	44	↑P	P	09 58 59.0 +0.4
121A	Cookes Peak, D baz=79,SNR=6.7	79.01	51	↑P	P	09 58 59.7 +0.8
T17A	Navajo Res., N baz=79,SNR=16	79.01	46	↑P	P	09 58 59.4 +0.6
SLKM	Skialk Lake	79.02	11	↑P	P	09 58 57.6 -0.6
SLKM	Skialk Lake	79.02	11	↑P	P	09 58 57.6 -0.7
R16A	Teasdale baz=79,SNR=33	79.21	45	↑P	P	09 59 00.7 +0.8
Y20A	Horse Springs, baz=79,SNR=21	79.22	50	↑P	P	09 59 00.8 +0.8
MFID	Camas Ranch baz=79,SNR=14	79.26	38	↑P	P	09 58 59.6 -0.3
CRAC	Craig	79.27	22	↑P	P	09 59 00.5 +0.8
ETW	comp=Z,46nm,1.4s,mb5.2	79.28	33	↑P	P	09 58 59.7 -0.3
LNOR	Linnton Mounta comp=Z,4.3nm,0.8s,mb4.4	79.30	35	↑P	P	09 58 59.6 -0.5
LNOR	Linnton Mounta	79.30	35	↑P	P	09 58 59.6 -0.5
DUG	Dugway comp=Z,4.0nm,0.8s,mb4.4	79.32	42	↑P	P	09 58 59.5 -1.0
DUG	Dugway comp=Z,10nm,0.9s,mb4.8	79.32	42	↑P	P	09 58 59.5 -1.0
DUG						
S17A	Black Ridge (B baz=80,SNR=18	79.34	45	↑P	P	09 59 00.2 -0.3
P15A	Leamington baz=80,SNR=18	79.36	43	↑P	P	09 59 00.9 +0.3
U18A	Rough Rock, Ch baz=80	79.37	47	↑P	P	09 59 01.1 +0.4
X20A	Quemado baz=80,SNR=13	79.44	49	↑P	P	09 59 02.0 +0.8
Z21A	St. Cloud Mine baz=80,SNR=8.9	79.46	51	↑P	P	09 59 02.5 +1.1
NLW	Nelson Butte	79.58	33	↑P	P	09 59 00.8 -0.8
BGU	Big Grassy Moun comp=Z,1.1nm,1.2s,mb4.7	79.59	42	↑P	P	09 59 01.2 -0.6
D08A	Wollman Farm, baz=80,SNR=11	79.68	34	↑P	P	09 59 01.9 -0.3
W20A	Ramah baz=80,SNR=15	79.71	49	↑P	P	09 59 03.3 +0.6
T18A	Mexican Hat baz=80,SNR=44	79.73	46	↑P	P	09 59 03.1 +0.4
Q16A	Castle Valley baz=80,SNR=8.4	79.75	44	↑P	P	09 59 03.6 +0.9
HABR	Khabarovsk	79.77	328	↑P	P	09 59 02.7 +0.1
HABR						09 59 04.9 -0.4
HABR						09 59 12.3 +2.5
HABR						09 59 16.3 +3.9
HABR						10 09 02.0 -2.1
HABR						10 09 14.1 +1.0
HABR						10 14 09.0 -4.7
HABR	comp=N,8.0nm,1.0s					
HABR	comp=Z,68nm,1.6s,mb5.3					
HABR	comp=Z,201nm,19.0s,MS4.5					
E09A	Wood Farm, Sta baz=80,SNR=12	79.77	35	↑P	P	09 59 02.1 -0.6
U19A	Dine' College, baz=80,SNR=19	79.78	47	↑P	P	09 59 03.4 +0.5
P16A	Fountain Green baz=80,SNR=6.6	79.78	43	↑P	P	09 59 03.8 +0.9
Y21A	Point of Rocks baz=80,SNR=16	79.78	50	↑P	P	09 59 03.6 +0.6
R17A	Hanksville Air baz=80,SNR=24	79.80	45	↑P	P	09 59 03.0 -0.1
I12A	Atlanta baz=80,SNR=34	79.89	38	↑P	P	09 59 03.4 0.0
N15A	Stansbury Isla baz=80,SNR=11	79.90	42	↑P	P	09 59 03.4 -0.2
X21A	Alamocita Cree baz=80,SNR=11	79.91	49	↑P	P	09 59 04.4 +0.6
TMUT	Trail Mountain comp=Z,25nm,0.9s,mb4.2	79.92	44	↑P	P	09 59 04.6 +0.9
F10A	Beach Ranch, E baz=80,SNR=21	79.95	36	↑P	P	09 59 03.0 -0.7
Z22A	Elephant Butte baz=80,SNR=16	79.96	51	↑P	P	09 59 04.4 +0.4
OD2	Odessa Site #2 comp=Z,28nm,1.4s,mb5.0	80.00	34	↑P	P	09 59 03.2 -0.7
MPU	Maple Canyon comp=Z,28nm,1.4s,mb5.0	80.01	43	↑P	P	09 59 04.5 +0.3
L14A	Malta baz=80,SNR=11	80.06	41	↑P	P	09 59 04.3 -0.1
T19A	Beclabito baz=80,SNR=14	80.17	47	↑P	P	09 59 05.6 +0.5
SPUT	South Promonto baz=80,SNR=14	80.17	42	↑P	P	09 59 05.0 0.0
HLID	comp=Z,26nm,1.3s,mb5.0	80.19	39	↑P	P	09 59 04.9 -0.2
016A	Hayley comp=Z,13nm,0.8s,mb4.9	80.20	43	↑P	P	09 59 05.5 +0.3
HVU	Hansel Valley baz=80,SNR=16	80.22	41	↑P	P	09 59 05.0 -0.2
HVU	Hansel Valley comp=Z,19nm,1.2s,mb4.9	80.22	41	↑P	P	09 59 05.1 -0.1
HVU	Hansel Valley	80.22	41	↑P	P	09 59 05.1 -0.1
PMR	comp=Z,19nm,1.2s,mb4.9					
PMR	Palmer comp=Z,44nm,1.6s,mb5.1	80.23	11	↑P	P	09 59 03.2 -1.6
PMR	comp=Z,80nm,17.0s,MS5.1	80.23	11	↑P	P	09 59 03.2 -1.6
PMR						
PMR	comp=Z,44nm,1.6s,mb5.1					
J13A	Cove Ranch, Pi comp=Z,80nm,17.0s,MS5.1	80.24	39	↑P	P	09 59 05.3 0.0
M15A	Larsen Ranch, baz=					

Table with columns: ID, Name, Price, Area, Count, Unit, Status, Date, Price, Area, Count, Unit, Status, Date. Includes entries like 427A Hayler Ranch, D12A Red Ives Fores, Z25A Roswell, etc.

Table with columns: ID, Name, Price, Area, Count, Unit, Status, Date, Price, Area, Count, Unit, Status, Date. Includes entries like W25A X Bar L Ranch, J18A Kendall Valley, SMC0 Snowmass, etc.

Table with columns: ID, Name, Price, Area, Count, Unit, Status, Date, Price, Area, Count, Unit, Status, Date. Includes entries like G18A Lazy EL Ranch, C16A Fuhringer Ranc, H19A Powell, etc.



16d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LOMF Lomont, PVL Pavikeni, PERS Pernice, etc.

16d 10:00:57.4+1.0, 16.475Sx172.82W, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.9/21, mbmtmp3.7/8, ML2.0/1, Error ellipse: s-maj=50.0km s-min=19.3km az=137.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, URZ Urewera, WRA Warramunga Arr, etc.

16d 10:05:15.6-1.8, 12.71N-93.43E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.5/24, mbmtmp3.6/6, ML3.3/1, Error ellipse: s-maj=55.4km s-min=22.1km az=68.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Arr, KSRS Korea Arr, etc.

ISCJB 16 10:15:34.3+0.8, 18.1S:0.2-178.4W:0.1, h61km, 11km, mb3.8/16, Error ellipse: s-maj=25.8km s-min=10.9km az=151.1

16d 10:15:34.7-1.7, 18.01S:178.46W, h601km, 23km, mb3.3/11, mb1 3.6/12, mb1mx3.4/19, mbmtmp3.3/12, Error ellipse: s-maj=24.5km s-min=12.0km az=147.0

NEIC 16 10:15:35.0+0.7, 18.03S:178.39W, h607km, 8km, mb3.8/7, Error ellipse: s-maj=22.0km s-min=9.5km az=153.0

ISC 16 10:15:35.3-0.9, 18.1S:0.2-178.4W:0.1, h608km, 10km, n30, 0.983/30, mb3.8/16, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, URZ Urewera, etc.

2008 SEP

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 1.2nm, 0.6s, bazu=104, slow=3.8, SNR=5, etc.

16d 10:27:58.2+6.2, 24.82S:177.25W, h114km, 22km, mb3.8/13, mb1 4.1/15, mb1mx4.0/21, mbmtmp3.9/15, Error ellipse: s-maj=22.3km s-min=14.5km az=138.0

ISCJB 16 10:28:02.6+3.3, 25.0S:0.1-177.4W:0.1, h155km, 30km, mb4.0/15, Error ellipse: s-maj=20.3km s-min=18.2km az=39.2

NEIC 16 10:28:03.8+1.9, 25.04S:177.25W, h161km, 17km, mb4.4/9, Error ellipse: s-maj=17.9km s-min=11.4km az=98.0

ISC 16 10:28:04.1+1.9, 25.02S:0.08-177.3W:0.1, h159km, 17km, n34, 0.999/32, mb4.0/15, 2C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, AFI Afiamalu, etc.

ASAR Alice Springs 44.25 261 P P 10 35 58.5 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR 0.6nm, 0.5s, bazu=104, slow=3.9, SNR=5, etc.

16d 10:28:20.9+9.6, 3.11S:128.82E, h468km, 139km, mb2.7/2, mb1 2.7/3, mb1mx2.5/18, mbmtmp2.6/3, Error ellipse: s-maj=138.3km s-min=47.5km az=72.0, Seram

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

ISCJB 16 10:34:27.0+0.8, 2.4S:0.1-85.4E:0.1, h10km, mb3.7/7, Error ellipse: s-maj=19.1km s-min=15.5km az=16.0

ISC 16 10:34:27.9+0.8, 2.2S:85.42E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/23, mbmtmp3.7/7, Error ellipse: s-maj=29.7km s-min=24.6km az=1.0

NEIC 16 10:34:29.1+0.7, 2.51S:85.41E, h10km, Error ellipse: s-maj=18.4km s-min=15.7km az=184.0

ISC 16 10:34:28.9+0.8, 2.5S:0.1-85.4E:0.1, h10km, n13, 0.996/11, mb3.7/7, South Indian Ocean

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALK Diego Garcia, DGAR Diego Garcia, KMBO Kilima Mbogo, etc.

ISCJB 16 10:48:33.4+0.5, 36.89N:0.03-58.44E:0.04, h2km, 12km, Error ellipse: s-maj=6.6km s-min=3.9km az=42.1

CSEM 16 10:48:33.7+0.2, 36.94N:58.52E, h2km, ML3.7, Error ellipse: s-maj=5.3km s-min=3.0km az=43.0

TEH 16 10:48:34.5, 36.94N:58.49E, h9km

ISC 16 10:48:34.3+0.5, 36.92N:0.03-58.49E:0.04, h1km, 12km, n22, 0.959/32, 6C-2D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IQHU Queahn, IQHU Queahn, IAKL Akhmed, etc.

16d 10:57:55.0+5.0, 50.47N:13.70E, h0km, mb1.7/1, ML2.6/3, 1C-1D, Error ellipse: s-maj=3.5km s-min=1.4km az=30.0

64 km S of Dresden Suspected Mining explosion, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, MOA Molln, etc.

ISCJB 16 11:08:14.5+0.6, 39.46N:0.04-28.19E:0.04, h10km, Error ellipse: s-maj=5.9km s-min=3.6km az=35.0

DDA 16 11:08:14.3, 39.44N:28.19E, h7km, 6km, M2.8

CSEM 16 11:08:14.5+0.3, 39.52N:0.25E, h10km, MD2.8, Error ellipse: s-maj=11.0km s-min=5.9km az=43.0

ISC 16 11:08:15.1+0.6, 39.46N:0.04-28.18E:0.04, h10km, n17, 0.1525/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DURS Dursunbey, DURS Dursunbey, BALB Balikesir, etc.

PGC 16 11:14:22.2+3.0, 47.44N:128.91W, h10km, ML3.1/11, Mw3.7, 291km Wsw of Tofino, Bc Off Coast of Washington

ISCJB 16 11:14:26.1+0.7, 47.82N:128.48W:0.08, h10km, Error ellipse: s-maj=8.3km s-min=4.5km az=160.1

16d 11:14:26.3+2.2, 47.69N:128.61W, h0km, mb3.2/2, mb1 3.8/9, mb1mx3.7/30, mbmtmp3.5/9, ML3.3/5, MS3.0/4, Ms1 3.0/4, ms1mx2.9/23, Error ellipse: s-maj=49.7km s-min=13.0km az=65.0

NEIC 16 11:14:29.5+0.9, 47.95N:128.25W, h10km, mb3.7/5, MW3.7(PG), Error ellipse: s-maj=12.4km s-min=5.7km az=70.0

ISC 11:14:27.6+3.0, 47.95N:0.04-128.39W:0.10, h1km, 24km, n6, 0.1514/73, 1C-7D, Off coast of Washington

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ETB Estevan Point, ETB Estevan Point, EDL Eliza Dome, etc.







Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like Latur, Yuzh-Sakhalins, Bhopal, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like IRK, IRKUTSK, MOY, MOY, SKR, SKR, MIDW, MIDW, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like ZALV, ZALV, SBA, SBA, SBA, SBA, MAW, MAW, MAW, MAW, etc.





HVU	Hansel Valley	118.35	47	ePKIKP	PKPdf	11 34 25.8 +1.5
E17A	Martinsdale	118.37	42	PKIKP	PKIKP	11 34 25.5 +1.3
BGU	Big Grassy Mtn	118.47	48	ePKPdf	PKPdf	11 34 26.0 +1.6
161A	Beardsley Farm	118.42	39	PKIKP	PKIKP	11 34 25.5 +1.2
GLA	Glamis	118.45	57	ePKPdf	PKPdf	11 34 27.2 +2.5
GLA	Glamis	118.57	57	ePKPdf	PKPdf	11 34 27.2 +2.5
S13A	Holt Ranch, En	118.46	52	PKIKP	PKIKP	11 34 27.3 +2.6
Q17A	Earthquake Lak	118.47	44	ePKPdf	PKPdf	11 34 27.0 +2.6
T13A	Saint George	118.53	53	PKIKP	PKIKP	11 34 27.6 +2.8
EGMT	Eagleton	118.56	40	ePKPdf	PKPdf	11 34 25.4 +0.9
L15A	Malad City	118.57	47	PKIKP	PKIKP	11 34 26.2 +1.5
Y12C	Blythe	118.59	56	PKIKP	PKIKP	11 34 27.3 +2.2
U13A	Pakoon Wash	118.60	53	PKIKP	PKIKP	11 34 27.1 +2.2
Q14A	Sevier Lake (B	118.62	50	PKIKP	PKIKP	11 34 26.8 +1.9
H16A	Russell Place,	118.63	44	PKIKP	PKIKP	11 34 27.1 +2.3
P14A	Drum Mountains	118.64	50	PKIKP	PKIKP	11 34 27.2 +2.2
M15A	Larsen	118.66	47	PKIKP	PKIKP	11 34 26.4 +1.5
F17A	Fitzpatrick Pl	118.67	42	PKIKP	PKIKP	11 34 26.7 +1.9
V13A	Grand Canyon W	118.68	54	PKIKP	PKIKP	11 34 27.3 +2.1
DUG	Dugway	118.70	49	ePKPdf	PKPdf	11 34 26.8 +1.7
DUG	Dugway	118.70	49	ePKIKP	PKPdf	11 34 26.8 +1.8
SPUT	South Promonto	118.70	48	ePKPdf	PKPdf	11 34 26.7 +1.7
ARUT	Newdale	118.71	45	PKIKP	PKIKP	11 34 27.1 +2.2
116A	Antelope Range	118.75	52	ePKPdf	PKPdf	11 34 27.6 +2.5
ARUT	Antelope Range	118.75	52	ePKIKP	PKPdf	11 34 27.6 +2.4
N15A	Stansbury Isla	118.75	48	PKIKP	PKIKP	11 34 27.1 +2.0
J16A	Gone	118.79	45	PKIKP	PKIKP	11 34 27.1 +2.0
G17A	Pierce Place,	118.79	43	PKIKP	PKIKP	11 34 27.0 +1.9
D18A	Linhart	118.81	41	PKIKP	PKIKP	11 34 26.4 +1.4
YMR	Madison River	118.84	44	ePKPdf	PKPdf	11 34 27.8 +2.6
CCUT	Cedar City	118.85	52	ePKPdf	PKPdf	11 34 27.9 +2.5
A19A	Klimworth Far	118.87	38	PKIKP	PKIKP	11 34 26.2 +1.1
W13A	Hualapai Mount	118.89	55	PKIKP	PKIKP	11 34 28.2 +2.6
B19A	Brinkman Farms	118.92	39	PKIKP	PKIKP	11 34 26.5 +1.3
K16A	Soda Springs	118.93	46	PKIKP	PKIKP	11 34 28.0 +2.6
O15A	The Old Anders	118.94	49	PKIKP	PKIKP	11 34 27.6 +2.1
E18A	Harlowton	118.95	41	PKIKP	PKIKP	11 34 26.2 +0.9
S14A	Cedar City	118.96	52	PKIKP	PKIKP	11 34 28.4 +2.7
R12	Red Ridge	118.97	45	ePKPdf	PKPdf	11 34 27.3 +1.9
YFT	Old Faithful	118.99	44	ePKPdf	PKPdf	11 34 28.9 +3.3
DC1D	Drake Creek	119.00	45	ePKPdf	PKPdf	11 34 27.7 +2.2
YNR	Norris Junctio	119.02	43	ePKPdf	PKPdf	11 34 28.6 +3.1
X13A	Yuca	119.03	55	PKIKP	PKIKP	11 34 27.9 +2.1
IMW	Indian Meadow	119.08	44	ePKPdf	PKPdf	11 34 27.7 +2.1
NOQ	North Oquirrh	119.10	48	ePKPdf	PKPdf	11 34 27.7 +1.9
C19A	Slack Wire Ran	119.11	40	PKIKP	PKIKP	11 34 26.9 +1.3
Y13A	Salome	119.16	56	PKIKP	PKIKP	11 34 28.4 +2.3
T14A	Hurricane	119.17	52	PKIKP	PKIKP	11 34 28.6 +2.6
PLDF	La Plantade	119.17	318	eP	PKPdf	11 34 28.3 +2.6
PLDF	La Plantade	119.17	318	ePKIKP	PKIKP	11 34 28.3 +2.6
HLDF	Grant Village	119.18	44	PKIKP	PKIKP	11 34 29.1 +3.2
TPAW	Teton Pass	119.19	45	ePKPdf	PKPdf	11 34 28.1 +2.3
FLWY	Flagg Ranch	119.19	44	ePKPdf	PKPdf	11 34 28.3 +2.4
U14A	Le Trumbull	119.22	53	PKIKP	PKIKP	11 34 28.0 +1.9
161A	Meat Trumbull	119.24	50	PKIKP	PKIKP	11 34 28.1 +1.9
EKA	Eskdalemir Ar	119.25	330	PKP	PKPdf	11 34 26.0 +0.5
EKA	Eskdalemir Ar	119.25	330	PKIKP	PKIKP	11 34 26.0 +0.4
LKWY	Lake	119.25	44	ePKPdf	PKPdf	11 34 28.7 +2.8
LKWY	Lake	119.25	44	ePKIKP	PKPdf	11 34 28.7 +2.8
L16A	Fish Haven	119.26	47	PKIKP	PKIKP	11 34 28.0 +2.0
MOOW	Moose Pond	119.26	45	ePKPdf	PKPdf	11 34 27.9 +2.0
HWUT	Hardware Ranch	119.27	47	ePKPdf	PKPdf	11 34 27.4 +1.3
ESK	Eskdalemir	119.28	330	PFAKE	LR	11 34 40.0 +1.4
ESK	Eskdalemir	119.28	330	PFAKE	LR	11 34 40.0 +1.4
AHID	Auburn Hatcher	119.29	46	PFAKE	LR	11 34 40.0 +1.4
AHID	Auburn Hatcher	119.29	46	PFAKE	LR	11 34 40.0 +1.4
F18A	Big Timber	119.29	42	PKIKP	PKIKP	11 34 27.8 +1.8
REDW	Red Top Meadow	119.30	45	ePKPdf	PKPdf	11 34 28.2 +2.2
M16A	Huntsville	119.30	47	PKIKP	PKIKP	11 34 27.4 +1.0
Q15A	Fillmore	119.30	50	PKIKP	PKIKP	11 34 28.3 +2.1
NLU	North Lily Min	119.31	49	ePKPdf	PKPdf	11 34 27.5 +1.3
I17A	Pilgrim Ck	119.33	44	PKIKP	PKIKP	11 34 28.9 +2.7
SNOW	Snow King Moun	119.33	45	ePKPdf	PKPdf	11 34 28.4 +2.3
113A	Mohawk Valley	119.37	57	PKIKP	PKIKP	11 34 27.8 +1.2
A20A	Cobblestone Ra	119.39	38	PKIKP	PKIKP	11 34 27.2 +1.1
J17A	Brown Place, J	119.39	45	PKIKP	PKIKP	11 34 28.7 +2.4
Z13A	Yuma Proving G	119.39	57	PKIKP	PKIKP	11 34 28.4 +1.8
LOHW	Long Hollow	119.40	45	ePKPdf	PKPdf	11 34 28.2 +1.9
D19A	Cripps Ranch	119.41	40	PKIKP	PKIKP	11 34 27.1 +0.9
K17A	Gardner Place,	119.42	46	PKIKP	PKIKP	11 34 28.5 +2.1
V14A	Boquillas Ranc	119.43	54	PKIKP	PKIKP	11 34 29.1 +2.5
AGO	Saint Agoulin	119.47	318	eP	PKPdf	11 34 28.8 +2.5
B20A	Solberg Farm	119.50	39	PKIKP	PKIKP	11 34 27.4 +1.0
W14A	Seligman	119.52	55	PKIKP	PKIKP	11 34 29.6 +2.8
MVU	Marysvalle	119.54	51	PFAKE	LR	11 34 40.0 +1.3
N16A	Rees Ranch, Co	119.55	48	PKIKP	PKIKP	11 34 28.9 +2.2
R15A	Junctio	119.55	51	PKIKP	PKIKP	11 34 29.8 +3.0
MSU	Marysvalle	119.56	51	ePKPdf	PKPdf	11 34 29.9 +3.2
MSU	Marysvalle	119.56	51	ePKIKP	PKPdf	11 34 30.0 +3.3
S15A	Pangutich	119.56	52	PKIKP	PKIKP	11 34 29.9 +3.0
JLU	Jordale	119.61	48	ePKPdf	PKPdf	11 34 28.3 +1.5
MJU	Maple Canyon	119.62	49	ePKPdf	PKPdf	11 34 28.5 +1.7
PYM	Petit Puy Mans	119.65	318	eP	PKPdf	11 34 29.1 +2.4
PYM	Petit Puy Mans	119.65	318	ePKIKP	PKPdf	11 34 29.1 +2.4
H19A	Rath Farm, Rou	119.72	41	PKIKP	PKIKP	11 34 27.5 +0.7
E18A	Shoshone NF, C	119.72	43	PKIKP	PKIKP	11 34 27.8 +1.8
T15A	Red Dirt Ranch	119.73	52	PKIKP	PKIKP	11 34 29.3 +2.1

DAU	Daniels Canyon	119.80	48	ePKPdf	PKPdf	11 34 29.4 +2.3
DAU	Daniels Canyon	119.80	48	ePKIKP	PKPdf	11 34 29.4 +2.3
Y14A	Wickenburg	119.81	56	PKIKP	PKIKP	11 34 29.0 +1.6
X14A	Yava	119.81	55	PKIKP	PKIKP	11 34 29.7 +2.3
F19A	Roth Farm, Mol	119.82	42	PKIKP	PKIKP	11 34 28.3 +1.3
RLMT	Red Lodge	119.84	43	ePKPdf	PKPdf	11 34 29.4 +2.4
RLMT	Red Lodge	119.84	43	ePKIKP	PKPdf	11 34 29.4 +2.4
BORG	Borgarnes	119.89	345	PFAKE	LR	11 34 40.0 +1.3
D20A	Manual Ranch	119.91	40	PKIKP	PKIKP	11 34 27.8 +0.6
I18A	Diamond G Ranc	119.92	44	PKIKP	PKIKP	11 34 29.2 +1.8
U15A	North Rim	119.92	53	PKIKP	PKIKP	11 34 29.9 +2.4
V18A	Kendall Valley	119.92	45	PKIKP	PKIKP	11 34 28.8 +1.5
M17A	Scully Gap (B	119.95	47	PKIKP	PKIKP	11 34 29.1 +1.6
Z14A	Wintersburg	119.96	57	PKIKP	PKIKP	11 34 29.7 +1.9
N17A	Moffit Pass	119.97	48	PKIKP	PKIKP	11 34 29.5 +2.0
VERF	Verneuil	120.00	318	eP	PKPdf	11 34 29.0 +1.7
K18A	Toltan Ranch,	120.07	46	PKIKP	PKIKP	11 34 29.6 +2.0
FFC	Flin Flon	120.11	30	ePKPdf	PKPdf	11 34 27.7 +0.5
FFC	Flin Flon	120.11	30	ePKIKP	PKPdf	11 34 27.7 +0.5
114A	Blanchard (USA	120.11	57	PKIKP	PKIKP	11 34 29.7 +1.6
TMUT	Trail Mountain	120.11	50	ePKPdf	PKPdf	11 34 28.9 +2.1
E20A	Meyer Farm, Mu	120.13	41	ePKIKP	PKIKP	11 34 28.5 +0.9
V15A	Kalbarria	120.14	54	PKIKP	PKIKP	11 34 30.5 +2.5
R16A	Teasdale	120.15	51	PKIKP	PKIKP	11 34 30.2 +2.2
H19A	Popo	120.18	43	PKIKP	PKIKP	11 34 30.1 +2.3
W15A	Williams	120.19	54	PKIKP	PKIKP	11 34 30.7 +2.6
S16A	Weppner Ranch,	120.19	51	PKIKP	PKIKP	11 34 29.9 +1.9
Q16A	Castle Valley	120.23	50	PKIKP	PKIKP	11 34 30.3 +2.2
O17A	Robinson Place	120.24	48	PKIKP	PKIKP	11 34 30.3 +2.3
A18A	Fountelle, Gr	120.28	46	PKIKP	PKIKP	11 34 30.0 +1.9
Z14A	Organ Pipe Nat	120.29	58	PKIKP	PKIKP	11 34 30.3 +1.9
C21A	Desert Coulee	120.30	39	PKIKP	PKIKP	11 34 29.0 +1.0
X15A	Humboldt	120.34	55	PKIKP	PKIKP	11 34 30.6 +2.1
Y15A	Caswell Pass	120.36	56	PKIKP	PKIKP	11 34 30.3 +1.8
BW06	Boulder Array	120.38	45	PFAKE	LR	11 34 40.0 +1.2
BW06	Boulder Array	120.38	45	PFAKE	LR	11 34 40.0 +1.2
I19A	Meadow	120.38	44	PKIKP	PKIKP	11 34 29.6 +1.4
PDAR	Pinedale Array	120.38	45	PKP	PKPdf	11 34 29.3 +1.1
PDAR	Pinedale Array	120.38	45	PKP	PKPdf	11 34 29.3 +1.1
M18A	Lyman	120.40	47	PKIKP	PKIKP	11 34 30.3 +1.9
T16A	Glen Canyon Da	120.42	52	PKIKP	PKIKP	11 34 30.5 +1.9
P17A	Butcher Ranch,	120.42	49	PKIKP	PKIKP	11 34 30.2 +1.8
G20A	Bridger	120.52	42	PKIKP	PKIKP	11 34 30.3 +1.8
J19A	Crowheart	120.58	45	PKIKP	PKIKP	11 34 30.3 +1.7
SRU	San Rafael	120.67	50	ePKPdf	PKPdf	11 34 30.1 +1.2
SRU	San Rafael	120.67	50	ePKIKP	PKPdf	11 34 30.1 +1.2
R17A	Hanson	120.70	50	PKIKP	PKIKP	11 34 30.7 +1.6
L19A	Farson	120.72	46	PKIKP	PKIKP	11 34 30.7 +1.7
P18A	Preston Nutter	120.75	49	PKIKP	PKIKP	11 34 31.2 +2.1
O18A	Roosevelt	120.76	48	PKIKP	PKIKP	11 34 31.2 +2.1
S17A	Black Ridge (B	120.82	51	PKIKP	PKIKP	11 34 30.9 +1.6
K19A	Absolon Red Bu	120.86	45	PKIKP	PKIKP	11 34 30.5 +1.3
U16A	Taba City	120.90	53	PKIKP	PKIKP	11 34 31.8 +2.3
H20A	Greybull	120.91	43	PKIKP	PKIKP	11 34 30.4 +1.2
T17A	Navajo Res., N	120.96	52	PKIKP	PKIKP	11 34 32.2 +2.7
Q18A	Rafter H Ranch	120.97	50	PKIKP	PKIKP	11 34 31.1 +1.6
I20A	Worland	121.00	44	PKIKP	PKIKP	11 34 30.9 +1.5
X16A	Lo Mita Camp, P	121.00	55	PKIKP	PKIKP	11 34 31.6 +1.9
C22A	Vida	121.08	39	PKIKP	PKIKP	11 34 30.9 +1.4
I16A	Eloy	121.12	57	PKIKP	PKIKP	11 34 31.8 +1.8
W22A	Cohagen	121.13	40	PKIKP	PKIKP	11 34 31.3 +1.8
N19A	John Jarvie Ra	121.19	47	PKIKP	PKIKP	11 34 31.3 +1.4
A23A	Rafter H Ranch	121.20	37	PKIKP	PKIKP	11 34 30.9 +1.2
Z16A	Peralta Trail,	121.21	56	PKIKP	PKIKP	11 34 32.1 +1.9
J20A	Shonor	121.22	44	PKIKP	PKIKP	11 34 31.8 +1.9
K20A	Yellowstone Ra	121.26	45	PKIKP	PKIKP	11 34 31.2 +2.1
V17A	Tonalea, Kykot	121.27	54	PKIKP	PKIKP	11 34 32.1 +1.9
LAO	LASA Array	121.28	40	ePKPdf	PKPdf	11 34 31.4 +1.6
LAO	LASA Array	121.28	40	ePKIKP	PKPdf	11 34 31.4 +1.6
CFON	Flint Hills	121.30	314	PKP	PKPdf	11 34 32.5 +2.5
O19						



Table with columns: Name, Address, City, State, Zip, Phone, Email, Website, and other details. Includes entries like ECHÉ Chera, LAZ Ladron, S23A Nye Farm, etc.

Table with columns: Name, Address, City, State, Zip, Phone, Email, Website, and other details. Includes entries like ECAL Calabor, CLNB Carisbad, ERUB La Rua, etc.

Table with columns: Name, Address, City, State, Zip, Phone, Email, Website, and other details. Includes entries like OXF Oxford, VBMS Vicksburg, WVT Waverly, etc.



ZALV Zalesovo Beam 72.51 335 P P 12 02 22.3 +0.1

IDC 16 12:23:39.51.1.8.2.06N.127.71E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.7/19, mbtmp3.8/5, Error ellipse: s-maj=93.1km s-min=24.7km az=69.0

ISCJB 16 12:23:52.7.2.0.1.8N.0.2.127.4E:0.2, h127km, 11km, mb3.8/4, Error ellipse: s-maj=36.6km s-min=17.2km az=41.0

DJA 16 12:23:53.1.91N:127.48E, h104km, MLV3.7/4

ISC 16 12:23:53.9.2.0.1.8N.0.2.127.4E:0.2, h121km, 11km, n10, c0524/11, mb3.8/4, Halmaheira

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

IDC 16 13:16:17.1.1.9.834S:126.92E, h0km, mb3.1/1, mb1 3.6/3, mb1mx3.4/16, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=192.2km s-min=31.6km az=61.0, Timor 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, MKAR Makanchi Array.

IDC 16 13:33:20.2.1.1.8.86S:127.14E, h0km, mb4.1/4, mb1 4.2/7, mb1mx3.9/17, mbtmp4.0/7, ML4.0/3, Error ellipse: s-maj=76.3km s-min=19.1km az=65.0

NEIC 16 13:33:35.4.2.6.9.06S:126.93E, h38km, 30km, mb4.1/1, Error ellipse: s-maj=26.2km s-min=16.0km az=192.0

ISCJB 16 13:33:37.9.1.8.9.30S:0.07:127.00E:0.06, h91km, 19km, mb4.0/6, Error ellipse: s-maj=14.8km s-min=9.9km az=145.0

ISC 16 13:33:39.3.1.9.9.32S:0.09:127.03E:0.08, h87km, 21km, n21, c0996/28, mb4.0/6, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

CSEM 16 13:40:21.9.0.5.38.10N:20.30E, h2km, MD3.6, Error ellipse: s-maj=9.4km s-min=5.6km az=53.0

ISCJB 16 13:40:22.5.0.6.38.06N:0.04:20.29E:0.05, h10km, Error ellipse: s-maj=8.3km s-min=4.0km az=39.8

ATH 16 13:40:22.1.38.10N:20.30E, h7km, 1km, MD3.6/14

THE 16 13:40:22.8.38.06N:0.21E, h7km, 1km, ML3.0/4, Error ellipse: s-maj=2.9km s-min=1.7km az=35.0

NEIC 16 13:40:25.4.38.07N:20.31E, h5km, ML2.8(ATH), After ATH

ISC 16 13:40:22.4.0.9.38.09N:0.04:20.29E:0.05, h4km, 5km, n54, c0998/80, ID, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VLS Valsamata, KFL Anninata, RLS Riolos of Patr, etc.

Table with columns: IGT, EVR, ITM, JAN, GUR, KEK, VLX, THL, AGG, THL, LTK, LTK, LKR, DID, VLN, STON, STON. Includes stations like Evrytania, Ithomi, Janina, Goura, Kerkira, Vlachokerasia, Kikoktos Trika, Loutrakia, Lokris, Didyma, Vellai, Ston.

IDC 16 13:41:02.0.2.4.2.0.15S:176.63W, h309km, 30km, mb4.1/5, mb1 4.1/7, mb1mx3.6/20, mbtmp4.0/7, Error ellipse: s-maj=26.1km s-min=14.9km az=98.0

NEIC 16 13:41:06.5.1.0.19.87S:176.84W, h350km, mb4.1/4, Error ellipse: s-maj=26.6km s-min=18.0km az=134.0

ISC 16 13:41:02.5.1.4.2.0.10S:0.09:176.5W:0.1, h323km, 17km, n27, c081/32, mb4.0/8, CI, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like AFI Afiamalu, FUNA Funafuti, NZM Mont Duzumac, NOUC Port Laguerre, URZ Urewera, ARMA Armadale, CTM Charters Tower, CTCTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov.

IDC 16 14:21:01.3.3.1.24.77S:179.83E, h479km, 46km, mb3.2/4, mb1 3.4/6, mb1mx3.2/19, mbtmp3.4/6, Error ellipse: s-maj=32.5km s-min=26.6km az=115.0

ISCJB 16 14:21:03.2.1.1.24.94S:0.09:179.9W:0.2, h54km, 30km, mb3.8/5, Error ellipse: s-maj=31.9km s-min=13.2km az=179.5

NEIC 16 14:21:03.4.1.2.24.99S:179.98E, h514km, 21km, mb3.4/1, Error ellipse: s-maj=27.6km s-min=16.8km az=107.0

ISC 16 14:21:03.0.1.0.25.05S:0.08:179.8W:0.2, h531km, 26km, n15, c0911/16, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MSFV Nonavau, AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, CTCTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, HFS Hagfors.

ISCJB 16 14:23:43.6.1.1.21.60S:0.06:66.5W:0.2, h199km, 15km, mb3.6/5, Error ellipse: s-maj=26.6km s-min=10.1km az=179.4

IDC 16 14:23:47.4.1.5.21.33S:66.46W, h225km, 16km, mb3.4/5, mb1 3.5/9, mb1mx3.4/20, mbtmp3.3/9, Error ellipse: s-maj=20.5km s-min=14.0km az=72.0

NEIC 16 14:23:47.8.1.0.21.38S:66.49W, h233km, 9km, mb4.1/2, Error ellipse: s-maj=15.2km s-min=10.0km az=70.0

ISC 16 14:23:45.0.0.9.21.58S:0.06:66.5W:0.2, h199km, 13km, n15, c0911/16, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LPAZ La Paz, CPUP Ulla Florida, CFAA Corneil Fontan, TRQA Torquiste, BDFB Brasilia, PLCA Paso Flores, SNAW Lawson, TORO Torodi Arr, NVAR Mina Array, BOSA Boshof, MAW Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array.

IDC 16 14:37:05.9.2.2.7.83S:130.74E, h0km, mb3.4/1, mb1 3.3/3, mb1mx3.2/15, mbtmp3.1/3, ML3.1/2, Error ellipse: s-maj=128.0km s-min=31.8km az=70.0, Timbar Islands region

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, ASAR Alice Springs, MKAR Makanchi Array.

CASC 16 14:42:16.5.1.8.12.80N:88.91W, h36km, 99km, MD3.9, ML3.7, CI, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SNVI San Vicente, SNRS El Faro, VSM San Miguel, BLML Bellamira, LBRS Las Brisas, BOOS Boqueron, CNCH Conchagua, CAHU Cacacuatiua, SBL Sables, SNIE San Jose, SNUE San Jose, RTR El Retiro, RBDL Robledal, MTOP Montevisto 2, CNGN Cerro Negro, COPN Copaltepe, MOMM Motomoto, XAVN Gruta Xavier, HUEN Huen, TICN Tiquantepe, SSN San Juan del S, JCR Jicaral, CGAZ Cerro Gallo 2, PRS1 Puriscal, QCR Quepos, URSC Urasca, ACR Cerro Adams.

IDC 16 14:43:41.9.1.6.7.93S:129.42E, h0km, mb3.4/2, mb1 3.5/5, mb1mx3.4/17, mbtmp3.3/5, ML3.4/2, Error ellipse: s-maj=72.6km s-min=23.5km az=75.0

ISCJB 16 14:43:49.0.2.9.8.15S:0.1:129.2E:0.1, h74km, 31km, n15, c0911/16, mb3.3/2, Error ellipse: s-maj=23.2km s-min=16.7km az=179.6

NEIC 16 14:43:56.6.3.5.8.46S:129.44E, h144km, 41km, Error ellipse: s-maj=33.5km s-min=32.5km az=146.0

ISC 16 14:43:51.3.2.9.8.15S:0.1:129.3E:0.1, h78km, 34km, n7, c1912/10, mb3.3/2, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, MKAR Makanchi Array, ZALV Zalesovo Beam.

CSEM 16 15:02:38.3.0.1.40.13N:34.59E, h2km, MD2.5, Error ellipse: s-maj=4.3km s-min=2.5km az=114.0

ISK 16 15:02:37.3.40.10N:34.58E, h3km, MD2.5, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CORM Corum, CDAG Ciekdag.

16d 16h

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

IDC 16:15:14:57.7-1.9, 8.82S, 127.32E, h0km, mb3.1/1, mb1.3/3/3, mb1mx3.2/16, mbtmp3.1/3, ML3.1/2, Error ellipse: s-maj=203.1km s-min=31.8km az=62.0, Timor region

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

CSEM 16:15:27:52.1, 36.53N, 21.87E, h20km, MD3.5, After ATH Southern Greece

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

ISCJB 16:15:27:58.5-1.4, 24.53S, 0.06, 179.90E, 0.1, h470km, 19km, mb3.9/11, Error ellipse: s-maj=14.7km s-min=7.7km az=18.3

IDC 16:15:27:59.3-2.0, 24.52S, 179.96E, h472km, 23km, mb3.4/9, mb1.3/6/11, mb1mx3.4/19, mbtmp3.5/11, Error ellipse: s-maj=19.3km s-min=14.6km az=134.0

NEIC 16:15:28:00.2-1.1, 24.53S, 179.98W, h487km, 15km, mb4.1/1, Error ellipse: s-maj=16.9km s-min=12.5km az=121.0

ISC 16:15:27:58.9-1.0, 24.60S, 0.06, 180.0W, 0.1, h469km, 14km, n28, 0.91N/34, mb3.9/11, South of Fiji Islands

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

DJA 16:15:30:05.0, 0.04S, 123.12E, h113km, MLV3.8/4, Minahasa Peninsula, Sulawesi

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

DDA 16:15:59:14.4, 37.47N, 38.55E, h7km, 3km, MD2.8, M3.0

ISCJB 16:15:59:15.0-1.0, 37.51N, 0.05, 38.56E, 0.06, h2km, 5km, Error ellipse: s-maj=11.0km s-min=4.3km az=138.9

CSEM 16:15:59:15.3-0.4, 37.49N, 38.56E, h2km, ML3.0, Error ellipse: s-maj=9.3km s-min=4.3km az=134.0

ISK 16:15:59:16.2, 37.57N, 38.51E, h9km, MD2.8

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

2008 SEP

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

IDC 16:16:05:54.2-1.8, 18.64S, 174.92W, h112km, 25km, mb4.1/12, mb1.4/3/13, mb1mx4.1/21, mbtmp4.2/13, Error ellipse: s-maj=28.1km s-min=14.8km az=124.0

NEIC 16:16:05:59.0-0.4, 18.56S, 175.21W, h150km, mb4.8/3, Error ellipse: s-maj=13.3km s-min=10.2km az=168.0

ISCJB 16:16:06:00.8-3.6, 18.68S, 0.1, 175.2W, 0.1, h176km, 37km, mb4.4/12, Error ellipse: s-maj=24.2km s-min=16.2km az=147.9

ISC 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

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

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

CTA 16:16:06:01.8-3.5, 18.68S, 0.1, 175.2W, 0.1, h171km, 36km, n37, 0.84N/32, mb4.4/12, Tonga Islands

726

JMA Fell II J1, IDC 16:16:20:03.4-0.9, 42.51N, 143.53E, h53km, 8km, mb3.5/8, mb1.3/8/10, mb1mx3.6/24, mbtmp3.5/10, MS2.9/5, M3.1/3/5, ms1mx2.7/32, Error ellipse: s-maj=18.8km s-min=16.4km az=109.0

ISC 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

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

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region

ASAJ 16:16:20:03.3-0.4, 42.54N, 143.54E, 0.05, h51km, 4km, h53km, 2.7km, pp-P, n46, 0.99S/56, mb3.8/9, MS3.0/2, 4C-4D, Hokkaido region





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KYTH Kithira, DID Didima, VLI Velia, etc.

ISCJB 16 18:30:28.3, 0.4, 38.16N, 0.02, 28.74E, h0km, mb3.2/3, Error ellipse: s-maj=4.2km s-min=3.4km az=157.0

DDA 16 18:30:28.3, 38.16N, 28.74E, h16km, 2km, MD2.7

ISC 16 18:30:28.1, 38.16N, 28.74E, h8km, MD2.7

CSEM 16 18:30:28.5, 0.1, 38.15N, 28.75E, h10km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.9km az=72.0

ISC 16 18:30:28.0, 38.16N, 0.02, 28.74E, h0km, 5km, n32, c087/54, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KULA Kula-Manisa, DENT Denizli, KARAHALLI Karahalli, etc.

NIED 16 18:32:00, 30.50N, 139.70E, h260km, Mw4.2 Best double couple: Mo2.45000, 1015 NP1.30, 83.00000, 871.00000, 1.21.00000, NP2.30, 301.00000, 67.00000, 1.60.00000

BUI 16 18:32:52.4, 30.43N, 138.92E, h241km, mb4.7/3, mb4.5/6

ISCJB 16 18:32:54.0, 0.5, 30.51N, 0.04, 139.47E, 0.07, h266km, 4km, mb3.8/31, Error ellipse: s-maj=10.1km s-min=6.8km az=14.4

IDC 16 18:32:54.2, 0.8, 30.44N, 139.19E, h265km, 7km, mb3.5/18, mb1.3/622, mb1mx3.2/29, mbtmp3.5/22, Error ellipse: s-maj=15.4km s-min=8.8km az=80.0

NEIC 16 18:32:54.4, 1.1, 30.47N, 139.18E, h267km, 9km, mb4.3/12, Error ellipse: s-maj=12.5km s-min=9.0km az=110.0

JMA 16 18:32:54.9, 0.2, 30.52N, 139.65E, h283km, M4.0

ISC 16 18:32:55.0, 0.6, 30.52N, 0.05, 139.44E, h279km, 4km, n70, c1916/80, mb3.8/31, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU2 Mitsune, JHU3 Hachijo jima 2, JMY Miyakejima 3, etc.

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

ISCJB 16 18:30:28.3, 0.4, 38.16N, 0.02, 28.74E, h0km, mb3.2/3, Error ellipse: s-maj=4.2km s-min=3.4km az=157.0

DDA 16 18:30:28.3, 38.16N, 28.74E, h16km, 2km, MD2.7

ISC 16 18:30:28.1, 38.16N, 28.74E, h8km, MD2.7

CSEM 16 18:30:28.5, 0.1, 38.15N, 28.75E, h10km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.9km az=72.0

ISC 16 18:30:28.0, 38.16N, 0.02, 28.74E, h0km, 5km, n32, c087/54, Turkey

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

NIED 16 18:38:00, 41.90N, 145.80E, h11km, Mw3.8 Best double couple: Mo6.24000, 1014 NP1.20, 12.00000, 861.00000, 1.63.00000, NP2.30, 239.00000, 838.00000, 1.73.00000

ISCJB 16 18:38:00, 4.1, 5.41, 91N, 0.04, 145.65E, 0.08, h17km, 10km, mb3.8/10, MS3.2/2, Error ellipse: s-maj=9.8km s-min=7.1km az=31.0

JMA 16 18:38:00, 5.0, 0.3, 41.91N, 145.75E, h29km, 2km, M4.0

IDC 16 18:38:00, 1.1, 4.1, 38N, 145.57E, h0km, mb3.8/9, mb1.3/911, mb1mx3.7/26, mbtmp3.8/11, ML3.4/2, MS3.2/2, Ms1.3/1/2, ms1mx2.5/31, Error ellipse: s-maj=23.7km s-min=20.0km az=120.0

NEIC 16 18:38:00, 3.4, 3.5, 0.1, 41.83N, 145.54E, h29km, 36km, MG4.0(JMA), Error ellipse: s-maj=18.6km s-min=15.4km az=105.0

ISC 16 18:38:11, 1.1, 4.1, 41.99N, 0.04, 145.60E, 0.08, h7km, 8km, n27, c098/33, mb3.8/10, MS3.2/2, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAK Akeshi, JEM Nemuro 2, JAK Onbets, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 16 18:40:38.2, 1.6, 7.700N, 126.72E, h0km, mb3.2/3, mb1.3/4/3, mb1mx3.2/20, mbtmp3.2/3, Error ellipse: s-maj=33.2km s-min=13.7km az=19.0

ISCJB 16 18:40:38.0, 0.9, 6.77N, 0.2, 126.22E, 0.1, h71km, 10km, mb3.0/3, Error ellipse: s-maj=31.1km s-min=15.8km az=26.4

MAN 16 18:40:51, 7.27N, 126.07E, h1km, mb4.6, ML3.4, MS3.3

ISC 16 18:40:47.3, 0.8, 6.77N, 0.2, 126.22E, 0.1, h63km, 11km, n7, c059/10, mb3.0/3, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATI Mati, DAV Davao City (W), DAV Davao City (W), etc.

ISCJB 16 18:52:30, 9h, 1.6, 2.42S, 0.06, 128.0E, 0.1, h48km, 16km, mb3.9/7, MS3.3/2, Error ellipse: s-maj=18.7km s-min=10.0km az=171.9

DJA 16 18:52:31, 2.33S, 127.88E, h11km, mb4.4/6

NEIC 16 18:52:31, 4.0, 7.2, 34S, 128.19E, h35km, mb4.2/2, Error ellipse: s-maj=20.5km s-min=10.9km az=73.0

IDC 16 18:52:33, 7.5, 2.45S, 128.06E, h51km, 78km, mb3.7/5, mb1.4/0.8, mb1mx3.7/19, mbtmp3.9/8, ML3.9, MS3.2/3, h1.2/2/3, mb1mx2.7/26, Error ellipse: s-maj=9.70km s-min=18.5km az=63.0

ISC 16 18:52:32, 1.5, 2.41S, 0.06, 128.1E, 0.1, h39km, 17km, n21, c154/23, mb3.9/7, MS3.3/2, Ceram Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLAI Namlea, KMSI Cibinong, LUWI Luwuk, etc.

IDC 16 19:07:30, 4.2, 9.29S, 176.98W, h0km, mb3.8/2, mb1.4/0.2, mb1mx3.7/16, mbtmp3.8/2, Error ellipse: s-maj=166.9km s-min=44.1km az=161.0, Kermadec Islands region

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

ISCJB 16 19:35:18, 9.0, 0.7, 37.08N, 0.04, 27.84E, 0.04, h15km, 30km, Error ellipse: s-maj=6.7km s-min=6.0km az=174.7

CSEM 16 19:35:18, 2.0, 37.03N, 27.81E, h17km, 2km, ML2.0, Error ellipse: s-maj=4.3km s-min=3.1km az=23.0

ISK 16 19:35:19, 1.37, 16N, 27.69E, h22km, ML2.0

DDA 16 19:35:20, 37, 13N, 27.75E, h7km, 2km, MD2.6

ISC 16 19:35:18, 6.0, 0.7, 37.08N, 0.04, 27.84E, 0.06, h19km, 6km, n13, c1900/26, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLB Milas, MSLB Milas, BDRM Kayabasi, etc.





16d 21h

BOJS comp=Z,6.0nm,0.1s KNDS Knezji Dol 0.52 319 i Pg Pg 21 30 47.3 -1.0

DDA 16:21:34:41.9,37.03N:29.19E,h36km,2km,MD3.1 CSEM 16:21:34:43.1±0.2,37.10N:29.12E,h8km,MD3.1, Error ellipse: s-maj=4.6km s-min=2.7km az=7.0

Code Station Name A° AZ° Phase ID h m s ISC Time Res GLHS Gohisar (BURDU) 0.31 77 PG Pg 21 34 49.2 +0.4

IDC 16:21:41:39.7:66.0,19.02S:167.93E,h0km,mb4.7/3, mb1 4.8/3,mb1mx4.1/15,mbtmp4.7/3,Error ellipse: s-maj=1111.0km s-min=103.9km az=74.0, Vanuatu Islands region

Code Station Name A° AZ° Phase ID h m s ISC Time Res STKA Stephens Creek 26.92 236 P P 21 47 22.6 +0.1

BUI 16:21:47:10.0,17.10N:73.52E,h10km,mb4.9/30,mb4.9/48,MS4.7/39,MS7.4/35

IDC 16:21:47:13.7±0.5,17.44N:73.83E,h0km,mb4.6/22,mb1 4.7/22,mb1mx4.7/23,mbtmp4.6/22,MS3.8/13,MS1.9/13,ms1mx3.6/32,Error ellipse: s-maj=16.0km s-min=11.9km az=20.0

NEIC 16:21:47:14.5±0.2,17.44N:73.92E,h10km,mb5.0/65,Error ellipse: s-maj=6.2km s-min=5.2km az=179.0

NEIC One person killed in the Daund area. At least 20 people injured, over 1,500 buildings damaged and several roads damaged by rockfalls in Satara. Buildings also damaged at Bombay. Felt [V] at Dabhol and Pune; [IV] at Bombay, Candolim, Karad, Madgaon, Mahabaleshwar, Panchgani, Pilerne, Ratnagiri and Vasco da Gama. Felt [II] in Panaji. Felt in most of western Maharashtra. Also felt in Goa and northern Karnataka.

ISCJB 16:21:47:14.2±0.7,17.39N:0.03:73.78E±0.03,h18km,4km,mb4.8/139,MS4.2/36,Error ellipse: s-maj=4.3km s-min=4.0km az=40.1

NDI 16:21:47:15.0±0.8,17.40N:73.76E,h15km,29km,ML5.0,mb5.0(NEIC)

SZGRF 16:21:47:16.0,16.10N:72.83E,h33km,mb4.8,MS3.6,Arabian Sea

MOS 16:21:47:16.3±1.2,17.34N:73.77E,h33km,mb5.0/47,MS4.1/13,Error ellipse: s-maj=8.7km s-min=4.7km az=116.3

DJA 16:21:47:20.17,17.40N:73.87E,h20km,mb4.9/10

ISC 16:21:47:13.4±0.7,17.39N:0.02:73.78E±0.02,h1km,4km,ms130,ms128/354,mb4.9/139,MS4.2/36,8C-24D,Southern India

Code Station Name A° AZ° Phase ID h m s ISC Time Res KAD Karad 0.30 105 Op Pg 21 47 23.1 +3.8

2008 SEP

AKL Akola 4.44 42 i P Pg 21 48 37.5 -1.1 AKL Akl 21 49 34.2 -1.9 AKL Akl 21 49 37.5 AML

MDRS Chennai 7.50 124 ex Pb 21 49 20.1 -4.3 MDRS Chennai 21 51 00.4 -8.2

AJM Ajmer 9.08 4 ePKP Pn 21 49 25.0 -0.6 AJM Ajmer 21 51 00.4 -8.2

BHK Bhakra 14.16 9 ePKP Pn 21 50 34.0 -1.1 BHK Bhakra 21 53 16.0 -2.2

CHP Chirah Chowk 16.21 358 P Pn 21 51 00.4 -2.1 CEP Cherat 16.46 354 P Pn 21 51 03.3 -2.4

ASHO Ashiyah 18.14 297 P Pn 21 51 30.6 +3.9 SHL Shilong 18.62 61 ex x 21 51 39.0

CHG Chiang Mai 23.87 83 P P 21 52 34.1 +5.5 CHTO Chiang Mai 23.87 83 P P 21 52 30.9 +2.3

CMAR Chiang Mai Arr 23.87 84 P P 21 52 31.1 +2.4 CMAR Chiang Mai 23.87 84 P P 22 03 13.3

KZK Kyzart 23.87 84 P P 21 52 38.0 +2.6 AML Almayashu 24.66 360 P P 21 52 37.4 +1.8

CHMS Chumysh 25.54 1 P P 21 52 45.2 +1.6

730

USP Osenovka 25.80 1 P P 21 52 47.3 +1.3 KBD Kbd 26.69 301 eP P 21 52 55.1 +0.9

KMI Kmi 27.94 69 P P 21 53 08.4 +2.9 KMI Kmi 21 53 11.4

PSI Prapat 28.54 118 P P 21 53 13.3 +2.4 PSI Prapat 21 53 32.1

WMQ Wmq 28.83 21 P P 21 53 15.0 +1.8 WMQ Wmq 21 53 22.0 +8.5

MKAR Makanchi Array 30.14 12 P P 21 53 25.3 +0.6 MKAR Makanchi Array 21 53 25.3 +0.5

CD2 Chengdu 30.30 58 P P 21 53 27.3 +0.5 CD2 Chengdu 21 53 31.3

GTA Gaotai 31.46 40 eP P 21 53 37.9 +1.4 GTA Gaotai 21 53 42.3

GYA Guiyang 31.66 68 P P 21 53 39.8 +1.4 GYA Guiyang 21 54 33.8 -6.0

LZH Lanzhou 32.41 49 eP P 21 53 46.4 +1.4 LZH Lanzhou 21 53 51.3

KURK Kurchatov 33.47 5 eP P 21 53 54.5 +0.6 KURK Kurchatov 21 53 55.0 +1.0

GNI Gani 33.90 318 eP P 21 54 00.4 +2.5 GNI Gani 21 54 00.3 +2.4

MAK Makhachkala 33.93 324 eP P 21 53 55.6 -2.5 MAK Makhachkala 21 53 23.8

BRVK Borovoye 35.71 356 eP P 21 54 13.7 +0.4 BRVK Borovoye 21 54 14.1 +0.8

ZEI Tsey 35.90 321 eP P 21 54 17.0 +1.8



16d 21h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Sierra Loja, Adamuz, Mijas, Sutherland, Alice Springs, Placencia, Espera, Moncorvo, Badajoz, Petkovavsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Maria Elena, Tocopilla, Mejillones, Antofagasta, Las Campanas, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Pasa Flores, Santo Domingo, Rapa Nui, Obispo Ponce, Cerrillos, San Juan, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Humboldt, Wickenburg, Yava, Mexican Hat, Kalibab Nationa, Yucca, Seligman, etc.







Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KVT Kavak, TOKA Tokat, BALT Daday, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GOLH Golhisar, MERS Mersin, TURM Turunc, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RCY Rachaya, MMAOB Mount Meron ar, MMAI Mount Meron ar, etc.

SZGRF 17 01:08:49.4, 33.40N-32.82E, h33km, mb4.2, Eastern Mediterranean Sea

DDA 17 01:09:17.8, 35.85N-31.88E, h59km, 4km, M4.1, ISCJB 17 01:09:19.0, 35.90N-31.69E, h92km, 2km, mb3.9/43, Error ellipse: s-maj=2.3km s-min=1.5km az=41.5

HLW 17 01:09:19.1, 36.01N-31.73E, h33km, 73km, Md4.1, M4.4, NEIC 17 01:09:19.0, 35.90N-31.67E, h83km, mb4.0/39, After ISK

ISC 17 01:09:19.0, 35.88N-31.88E, h89km, ML4.3, MOS 17 01:09:20.4, 0.8, 35.93N-31.67E, h96km, mb4.0/39, Error ellipse: s-maj=9.1km s-min=4.1km az=124.0

IDC 17 01:09:21.7, 1.36, 06.03N-31.71E, h86km, 14km, mb3.6/14, mb1 3.8/22, mb1mx3.7/32, mbtmp3.7/22, MS2.5/1, Ms1 2.5/1, ms1mx1.6/33, Error ellipse: s-maj=11.9km s-min=10.2km az=54.0

CSEM 17 01:09:21.4, 0.1, 35.93N-31.67E, h91km, 1km, mb4.0/37, Mw3.6, Error ellipse: s-maj=1.9km s-min=1.3km az=46.0

THE 17 01:09:22.5, 35.93N-31.61E, h36km, 11km, ML4.4/2, Error ellipse: s-maj=11.8km s-min=11.7km az=85.0

NIC 17 01:09:24.5, 0.2, 35.93N-31.99E, h61km, mb4.2, ML4.0, MW3.6

GRAL 17 01:09:25.0, 0.9, 35.90N-31.98E, h63km, 28km, MD4.2, Gil 17 01:09:25.0, 0.3, 64N-31.85E, h20km

NSCC 17 01:09:28.35, 87N, 32.39E, h40km, ISC 17 01:09:21.3, 0.1, 35.91N-31.62E, h89km, 2km, n707, s190/819, mb3.43, 20C-30C, Cyprus region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ALFC Alevga, ALFC Alevga, PPHY Paphos, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GOLH Golhisar, MERS Mersin, TURM Turunc, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RCY Rachaya, MMAOB Mount Meron ar, MMAI Mount Meron ar, etc.

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

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

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

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HINF, CABF, CLZ, HAU, WLF, SMF, LOR, SSF, AVF, MTLF, AKTK, CAF, BAIF, ABKAR, RJF, ETSF, MFF, SJPF.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJPF, HFS, NA001, ESDC, NOA, EKA, BVAR, ARCES, TKM2, KURK, MKAR, MKAN, ZALV, LIC, SONM, CMAR, KSR, ANCH, GUC, MACH, TOCH, MECH, ANCH, NIED, ISDC, JMA, NEIC, ISC, ERM, JEM, JCH, JNBK, JOK, JAK, JAR, JCH, JNK, JER, JEM, JTR, JNBK, JFR, JNR, JSAJ, ASAJ, MAJ, MAT, MFF, KSR, CN2.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CN2, PEAOB, SONM, ZAAO, ZALV, MKAR, ILAR, KURK, TKM2, INK, ABKAR, YKA, WRA, FINES, NOA, NVAR, PDAR, TXAR, GUM, WRO, MKAR, ILAR, AKAS, BRTR, CTA, STKA, ASAR, WRA, TXAR, ILAR, JMA, NEIC, MOS, JDC, JFR, JNR, JSAJ, MAJ, MAT, YUK.

Table with columns: YUK, comp=N, 1,0m, 0.4s, smax, etc. Includes stations like Kura, KRSR, KSRM, etc.

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

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

Table with columns: NSS, Damos, 9.49 124 eP, Pn, etc. Includes stations like KTK1, ARCES, HFS, etc.

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

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

Table with columns: HAU, 107nm, 0.2s, 1.12 315 eP, etc. Includes stations like HAU, CABF, etc.

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

Table with columns: SMF, Signal de Mont, 2.58 259 ePn, Pn, 02 58 23.4 +0.2, etc.

IDC 17 03:05:01.6.2.9, 14.25N, 144.70E, h89km, 2.1km, mb3.2/4, mb1 3.5/4, mb1mx3.2/22, mbtmp3.2/4, Error ellipse: s-maj=105.4km s-min=21.6km az=113.0, Mariana Islands

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

IDC 17 03:09:18.4.6.6, 19.33N, 146.67E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/22, mbtmp3.7/4, Error ellipse: s-maj=221.5km s-min=29.3km az=80.0, Mariana Islands region

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

JMA 17 03:23:04.1.0.2, 30.91N, 141.20E, h54km, M3.7, Southeast of Honshu

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

IDC 17 03:30:51.4.1.7, 54.38N, 164.47W, h0km, mb3.7/9, mb1 3.8/11, mb1mx3.6/32, mbtmp3.7/11, ML3.1/2, Error ellipse: s-maj=37.8km s-min=22.6km az=179.0

ISCJB 17 03:30:52.9.1.4, 53.8N, 0.2.164, 0W, 0.1, h2km, 8km, M3.8/3, Error ellipse: s-maj=27.7km s-min=7.0km az=164.1

NEIC 17 03:30:52.1.53.73N, 164.02W, h18km, ML3.5(AEIC), After AEIC

ISC 17 03:30:54.1.1.4, 53.8N, 0.2.164, 03W, 0.09, h46km, 8km, n20, r105/24, mb3.8/8, Unimak Island region

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

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

Table with columns: SP1A, Saint Paul Isl, 4.93 317 P, Pn, 03 32 06.0 +0.5, etc.

IDC 17 03:32:08.1.1.8, 8.90S, 127.23E, h0km, mb3.9/1, mb1 4.1/4, mb1mx3.8/16, mbtmp3.9/4, ML3.9/3, Error ellipse: s-maj=84.9km s-min=26.7km az=71.0

NEIC 17 03:32:12.9.0.9, 8.92S, 127.36E, h35km, Error ellipse: s-maj=31.7km s-min=11.1km az=65.0

ISC 17 03:32:15.4.2.7, 9.25S, 0.1.127.3E, 0.1, h63km, 31km, n7, r103/12, Timor Sea

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

ISCJB 17 03:35:59.3.0.7, 52.62S, 0.0.9, 18.8E, 0.2, h10km, mb4.0/9, MS3.5/8, Error ellipse: s-maj=20.7km s-min=12.9km az=172.5

IDC 17 03:35:59.5.0.8, 52.65S, 18.96E, h0km, mb4.0/9, mb1 4.2/9, mb1mx4.0/19, mbtmp4.1/9, MS3.6/8, Ms1 3.6/8, ms1mx3.4/22, Error ellipse: s-maj=28.2km s-min=19.7km az=71.0

NEIC 17 03:36:00.7.0.4, 52.62S, 18.86E, h10km, mb4.3/1, Error ellipse: s-maj=16.0km s-min=10.8km az=73.0

ISC 17 03:36:00.9.1, 52.65S, 0.10, 18.9E, 0.2, h6km, 58km, n24, r058/11, mb4.0/9, MS3.5/8, Southwest of Africa

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

IDC 17 04:04:1.8.0.2, 30.91N, 141.20E, h54km, mb3.1/5, mb1 3.9/4, mb1mx3.5/23, mbtmp3.6/5, Error ellipse: s-maj=35.5km s-min=31.7km az=29.0, East of Kuril Islands

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

IDC 17 04:15:53.1.32.0, 19.10S, 178.51W, h65km, mb4.3/7km, mb2.9/3, mb1 3.1/3, mb1mx2.8/18, mbtmp2.9/3, Error ellipse: s-maj=300.7km s-min=126.6km az=118.0, Fiji Islands region

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

IDC 17 04:30:07.0.2.0, 52.75S, 0.1.18.6E, 0.2, h10km, mb4.2/11, MS3.5/6, Error ellipse: s-maj=20.7km s-min=13.5km az=151.8

IDC 17 04:30:07.0.0.8, 52.57S, 18.71E, h0km, mb4.1/9, mb1 4.3/9, mb1mx4.1/17, mbtmp4.2/9, MS3.6/6, Ms1 3.6/6, ms1mx3.3/23, Error ellipse: s-maj=29.7km s-min=21.6km az=58.0

NEIC 17 04:30:08.2.0.5, 52.51S, 18.96E, h10km, mb4.4/3, Error ellipse: s-maj=20.2km s-min=12.5km az=48.0

ISC 17 04:30:08.2.0.8, 52.55S, 0.1.18.9E, 0.2, h10km, n30, r095/15, mb4.2/11, MS3.5/6, ID, Southwest of Africa

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

Table with columns: SUR, comp=2.304mm, 21.2s, MS3.6, baz=212, slow=31, LR, LR, 04 40 28.2, etc.

IDC 17 04:36:19.4.1.2, 43.64N, 152.27E, h0km, mb3.6/5, mb1 3.9/5, mb1mx3.5/23, mbtmp3.6/5, Error ellipse: s-maj=35.5km s-min=31.7km az=29.0, East of Kuril Islands

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

IDC 17 04:43:10.2.1.9, 30.79N, 83.82E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/26, mbtmp3.6/7, MS2.9/1, Ms1 2.9/1, ms1mx2.3/36, Error ellipse: s-maj=67.7km s-min=21.3km az=70.0

NDI 17 04:43:11.1.3.7, 31.00N, 83.72E, h10km, ML3.4, mb3.5(AEIC)

NEIC 17 04:43:11.2.1.1, 30.77N, 83.82E, h10km, mb3.5/2, Error ellipse: s-maj=30.4km s-min=12.8km az=55.0

ISC 17 04:43:10.4.1.7, 30.75N, 0.07, 83.63E, 0.06, h5km, 9km, n19, r107/21, mb3.4/7, Xizang

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

IDC 17 05:04:41.8.0.2, 30.91N, 141.20E, h54km, mb3.1/5, mb1 4.4/17, mb1mx4.2/25, mbtmp4.2/17, ML4.1/2, MS3.7/7, Ms1 3.7/7, ms1mx3.3/26, Error ellipse: s-maj=26.8km s-min=13.9km az=43.0

Bull 17 05:04:42.5.2.05N, 96.14E, h32km, mb4.8/11, mb4.8/24, MS4.3, Ms7.4/05

DJA 17 05:04:46.2.47N, 96.16E, h20km, MLv4.6/9, NEIC 17 05:04:47.0.4.2, 24N, 96.27E, h35km, mb4.8/16, Error ellipse: s-maj=9.8km s-min=5.3km az=36.0

ISCJB 17 05:04:49.8.1.0, 2.40N, 0.05, 96.44E, 0.07, h72km, 8km, mb4.5/39, Error ellipse: s-maj=13.1km s-min=7.0km az=153.6

ISC 17 05:04:52.3.0.9, 2.44N, 0.05, 96.53E, 0.07, h76km, 8km, h32km, 6.0km, p-P, n65, r096/63, mb4.5/39, Northern Sumatara

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

IDC 17 05:04:52.3.0.9, 2.44N, 0.05, 96.53E, 0.07, h76km, 8km, h32km, 6.0km, p-P, n65, r096/63, mb4.5/39, Northern Sumatara

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KULM, PDSI, MYKOW, MDSI, CMAR, etc.

IDC 17 05:13:58.5:2.9,25.04Sx179.09W,h0km,mb4.1/5, mb1 4.3/5,mb1mx3.9/17,mbtmp4.1/5,Error ellipse: s-maj=225.0km s-min=33.5km az=166.0, South of Fiji Islands

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

ISCJB 17 05:27:19.1:0.4,36.88N:0.03:4.53W:0.02,h77km,4km, Error ellipse: s-maj=4.2km s-min=2.3km az=173.3 CSEM 17 05:27:19.1:0.2,36.80N:4.50W,h60km,mb4.0/40, Error ellipse: s-maj=4.0km s-min=2.4km az=175.0 MDD 17 05:27:19.3:0.4,36.72N:4.47W,h66km,4km,mb4.0/40,

Error ellipse: s-maj=4.2km s-min=2.4km az=164.0,PRIMO LDG 17 05:27:19.1,36.75N:4.51W,h48km NEIC 17 05:27:20.9,36.83N:4.52W,h40km,MG2.9(MDD),After MDD.

IGIL 17 05:27:20.6,36.83N:4.52W,h40km,ML3.0 INMG 17 05:27:21.1:1.3,36.81N:4.64W,h58km,5km,ML3.0, Error ellipse: s-maj=3.2km s-min=2.7km az=127.0 ISC 17 05:27:19.5:0.4,36.87N:0.02:4.52W:0.02,h65km,5km, n307,1928/259,20C-16,D, Strait of Gibraltar

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like EMAL, ELOJ, EROA, ERON, EGUA, ECUA, etc.

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



EBAD	92nm,0.2s,SNR=7.9	2.73 314	U	P	Pn	05 28 02.1 +1.2
EBAD	18nm,0.1s,SNR=18				S	05 28 33.2 +0.6
EBAD	92nm,0.2s,SNR=7.9	2.73 314	Ph	S	Pn	05 28 02.0 +1.2
EBAD	18nm,0.1s,SNR=18				S	05 28 33.2 +0.5
PBDV	92nm,0.2s,SNR=7.9	2.75 279	eP	P	Pn	05 28 01.2 0.0
PBDV	Barranco-do-Ve		eS	A	Pn	05 28 31.7 -1.6
PBDV	32nm,0.4s				A	05 28 34.1
PBDV	Barranco-do-Ve	2.75 279	P	S	Pn	05 28 01.2 0.0
PBDV	32nm,0.4s				S	05 28 31.7 -1.6
PBDV	Barranco-do-Ve	2.75 279	P	S	Pn	05 28 01.2 0.0
PBDV	32nm,0.4s				S	05 28 31.7 -1.6
PBDV	Barranco-do-Ve	2.75 279	eP	P	Pn	05 28 01.2 0.0
PBDV	32nm,0.4s				S	05 28 31.7 -1.6
EMUR	La Murta	2.79 69	Pn	Lg	Pn	05 28 01.1 -0.6
EMUR	1.9nm,0.2s,SNR=7.9				S	05 28 32.7
EMUR	1.9nm,0.2s,SNR=7.9	2.79 69	P	S	Pn	05 28 01.1 -0.6
EMUR	1.9nm,0.2s,SNR=7.9				S	05 28 32.7 -1.4
EMUR	1.9nm,0.2s,SNR=7.9	2.79 69	P	S	Pn	05 28 01.1 -0.6
EMUR	1.9nm,0.2s,SNR=7.9				S	05 28 32.7 -1.4
EMUR	1.9nm,0.2s,SNR=7.9	2.79 69	P	S	Pn	05 28 01.1 -0.6
EMUR	1.9nm,0.2s,SNR=7.9				S	05 28 32.7 -1.4
ESDC	Sonsec Array	2.83 9	Pn	Lg	Pn	05 28 03.8 +1.4
ESDC	17nm,0.1s,baz=192,slow=12,SNR=7.9				S	05 28 34.5
ESDC	14nm,0.1s,baz=189,slow=23,SNR=7.9				S	05 28 34.5 -0.8
ESDC	Sonsec Array	2.83 9	P	P	Pn	05 28 03.6 +1.3
ESDC	17nm,0.1s,baz=192,slow=12,SNR=7.9				S	05 28 34.5 -0.8
ESDC	14nm,0.1s,baz=189,slow=23,SNR=7.9				S	05 28 34.5 -0.8
ESDC	Sonsec Array	2.83 9	P	P	Pn	05 28 03.6 +1.3
ESDC	17nm,0.1s,slow=12,SNR=7.9				S	05 28 34.5 -0.8
PBEJ	Beja	2.90 294	eP	A	Pn	05 28 03.8 +0.6
PBEJ	39nm,0.1s				S	05 28 35.7 -1.2
PBEJ	Beja	2.90 294	P	S	Pn	05 28 03.8 +0.6
PBEJ	20nm,0.1s				S	05 28 35.7 -1.2
PBEJ	Beja	2.90 294	P	S	Pn	05 28 03.8 +0.6
PBEJ	20nm,0.1s				S	05 28 35.7 -1.2
PBEJ	Beja	2.90 294	eP	A	Pn	05 28 03.8 +0.6
PBEJ	39nm,0.1s				S	05 28 35.7 -1.2
PCVE	Castro Verde	2.91 286	eP	A	Pn	05 28 03.5 +0.2
PCVE	50nm,0.2s				S	05 28 35.2 -1.9
PCVE	Castro Verde	2.91 286	P	S	Pn	05 28 03.5 +0.2
PCVE	50nm,0.2s				S	05 28 35.2 -1.9
PCVE	Castro Verde	2.91 286	eP	A	Pn	05 28 03.5 +0.2
PCVE	50nm,0.2s				S	05 28 35.2 -1.9
ETOB	Tobarra	2.95 52	Pn	Lg	Pn	05 28 03.8 0.0
ETOB	17nm,0.2s,SNR=18				S	05 28 36.3
ETOB	Tobarra	2.95 52	U	P	Pn	05 28 03.8 0.0
ETOB	17nm,0.2s,SNR=18				S	05 28 36.3 -1.7
ETOB	9.3nm,0.1s,SNR=7.9				S	05 28 36.3 -1.7
ETOB	Tobarra	2.95 52	P	S	Pn	05 28 03.8 0.0
ETOB	17nm,0.2s,SNR=18				S	05 28 36.3 -1.7
ETOB	9.3nm,0.1s,SNR=7.9				S	05 28 36.3 -1.7
MESJ	Messejana	3.10 289	eP	A	Pn	05 28 06.4 +0.4
MESJ	50nm,0.2s				S	05 28 39.8 -2.1
MESJ	Messejana	3.10 289	P	S	Pn	05 28 06.4 +0.4
MESJ	50nm,0.2s				S	05 28 39.8 -2.1
MESJ	Messejana	3.10 289	P	S	Pn	05 28 06.4 +0.4
MESJ	50nm,0.2s				S	05 28 39.8 -2.1
MESJ	Messejana	3.10 289	eP	A	Pn	05 28 06.4 +0.4
MESJ	50nm,0.2s				S	05 28 39.8 -2.1
PESTR	Estremoz	3.14 310	eP	A	Pn	05 28 07.7 +1.2
PESTR	21nm,0.3s				S	05 28 42.5 -0.3
PESTR	Estremoz	3.14 310	P	S	Pn	05 28 07.7 +1.2
PESTR	10nm,0.3s				S	05 28 42.5 -0.3
PESTR	Estremoz	3.14 310	P	S	Pn	05 28 07.7 +1.2
PESTR	10nm,0.3s				S	05 28 42.5 -0.3
EVO	Evora	3.23 302	ePn	eSn	Pn	05 28 09.5 +1.8
EVO	68nm,0.3s				S	05 28 45.8 +0.9
EVOP	Marmelete	3.33 279	eP	A	Pn	05 28 09.0 -0.1
MORF	Sao Brissos				S	05 28 45.4 -2.0
MORF	43nm,0.1s				S	05 28 48.7
MORF	Marmelete	3.33 279	P	S	Pn	05 28 09.0 -0.1
MORF	43nm,0.1s				S	05 28 45.4 -2.0
MORF	Marmelete	3.33 279	P	S	Pn	05 28 09.0 -0.1
MORF	43nm,0.1s				S	05 28 45.4 -2.0
MORF	Marmelete	3.33 279	eP	A	Pn	05 28 09.0 -0.1
MORF	43nm,0.1s				S	05 28 45.4 -2.0
PMRV	Marv??o	3.41 319	iP	A	Pn	05 28 11.5 +1.3
PMRV	29nm,0.2s				S	05 28 49.2 -0.2
PMRV	Marv??o	3.41 319	U	P	Pn	05 28 11.5 +1.3
PMRV	29nm,0.2s				S	05 28 49.2 -0.2
PMRV	Marv??o	3.41 319	U	P	Pn	05 28 11.5 +1.3
PMRV	29nm,0.2s				S	05 28 49.2 -0.2
EPLA	Plasencia	3.42 339	Pn	Lg	Pn	05 28 10.8 +0.6
EPLA	11nm,0.0s,SNR=18				S	05 28 16.7 +6.5
EPLA	Plasencia	3.42 339	U	P	Pn	05 28 10.9 +0.7
EPLA	11nm,0.0s,SNR=18				S	05 28 48.9
EPLA	Plasencia	3.42 339	Pn	S	Pn	05 28 10.8 +0.6
EPLA	11nm,0.0s,SNR=18				S	05 28 48.9 -0.6
EPLA	Plasencia	3.42 339	Pn	S	Pn	05 28 10.8 +0.6
EPLA	11nm,0.0s,SNR=18				S	05 28 48.9 -0.6
PTEO	Sao Teotonio	3.42 283	eP	A	Pn	05 28 10.6 +0.3
PTEO	32nm,0.3s				S	05 28 47.8 -1.9
PTEO	Sao Teotonio	3.42 283	P	S	Pn	05 28 10.6 +0.3
PTEO	16nm,0.3s				S	05 28 47.8 -1.9
PTEO	Sao Teotonio	3.42 283	P	S	Pn	05 28 10.6 +0.3
PTEO	16nm,0.3s				S	05 28 47.8 -1.9

PTEO	32nm,0.3s				eS	Sn	05 28 47.8 -1.9
MOE	Montemor	3.46 300	eS	A	Pn	Sn	05 28 49.7 -0.8
MOE	Montemor	3.46 300	S		S	Sn	05 28 49.7 -0.8
MOE	Montemor	3.46 300	eS	A	Pn	Sn	05 28 49.7 -0.8
MOE	Montemor	3.46 300	S		S	Sn	05 28 49.7 -0.8
PFVI	Vila Bisbo	3.46 276	eP	A	Pn	Sn	05 28 10.6 -0.2
PFVI	33nm,0.3s				S	Sn	05 28 47.8 -2.7
PFVI	Vila Bisbo	3.46 276	Ph	Pg	Pn	Sn	05 28 10.5 -0.3
PFVI	11nm,0.1s,SNR=7.9				Lg	Pn	05 28 17.5 +6.7
PFVI	Vila Bisbo	3.46 276	P	S	Pn	Sn	05 28 10.5 -0.3
PFVI	18nm,0.1s,SNR=7.9				S	Sn	05 28 48.3 -2.2
PFVI	Vila Bisbo	3.46 276	P	S	Pn	Sn	05 28 10.5 -0.3
PFVI	11nm,0.1s,SNR=7.9				S	Sn	05 28 48.3 -2.2
PFVI	Vila Bisbo	3.46 276	eP	A	Pn	Sn	05 28 10.6 -0.2
PFVI	18nm,0.1s,SNR=7.9				S	Sn	05 28 48.3 -2.2
PCBR	Castelo Branco	3.77 323	eP	A	Pn	Sn	05 28 16.5 +1.5
PCBR	23nm,0.6s				S	Sn	05 28 57.7 -0.4
PCBR	Castelo Branco	3.77 323	P	S	Pn	Sn	05 28 16.5 +1.5
PCBR	12nm,0.6s				S	Sn	05 28 57.7 -0.4
PCBR	Castelo Branco	3.77 323	P	S	Pn	Sn	05 28 16.5 +1.5
PCBR	12nm,0.6s				S	Sn	05 28 57.7 -0.4
PCBR	Castelo Branco	3.77 323	eP	A	Pn	Sn	05 28 16.5 +1.5
PCBR	23nm,0.6s				S	Sn	05 28 57.7 -0.4
GUD	Guadarrama	3.78 4	Pn	Lg	Pn	Pn	05 28 16.6 +1.4
GUD	6.9nm,0.1s,SNR=7.9				Pg	Pn	05 28 58.0
GUD	0.9nm,0.1s,SNR=7.9				S	Sn	05 28 16.6 +1.4
GUD	Guadarrama	3.78 4	P	P	Pn	Sn	05 28 16.6 +1.4
GUD	6.9nm,0.1s,SNR=7.9				S	Sn	05 28 58.0 -0.4
GUD	0.9nm,0.1s,SNR=7.9				P	Pn	05 28 16.6 +1.4
GUD	Guadarrama	3.78 4	P	S	Pn	Sn	05 28 58.0 -0.4
GUD	6.9nm,0.1s,SNR=7.9				S	Sn	05 28 58.0 -0.4
EBEN	Beniarda	3.86 60	Pn	Lg	Pn	Pn	05 28 15.7 -0.7
EBEN	0.9nm,0.2s,SNR=7.9				Pg	Pn	05 28 59.4
EBEN	Beniarda	3.86 60	P	S	Pn	Sn	05 28 15.7 -0.7
EBEN	0.9nm,0.2s,SNR=7.9				S	Sn	05 28 56.7 -3.8
EBEN	Beniarda	3.86 60	P	P	Pn	Sn	05 28 15.7 -0.7
EBEN	0.9nm,0.2s,SNR=7.9				S	Sn	05 28 56.7 -3.8
EBEN	Beniarda	3.86 60	P	S	Pn	Sn	05 28 15.7 -0.7
EBEN	0.9nm,0.2s,SNR=7.9				S	Sn	05 28 56.7 -3.8
ECHE	Chera	3.90 45	Pn	Lg	Pn	Pn	05 28 16.1 -0.8
ECHE	4.5nm,0.2s,SNR=7.9				Pg	Pn	05 28 59.8
ECHE	Chera	3.90 45	P	S	Pn	Sn	05 28 16.7 -0.1
ECHE	4.5nm,0.2s,SNR=7.9				S	Sn	05 28 58.3 -3.0
ECHE	Chera	3.90 45	Pn	Pn	Pn	Sn	05 28 16.7 -0.1
ECHE	4.5nm,0.2s,SNR=7.9				S	Sn	05 28 58.3 -3.0
ECHE	Chera	3.90 45	Pn	Pn	Pn	Sn	05 28 16.1 -0.8
ECHE	4.5nm,0.2s,SNR=7.9				S	Sn	05 28 59.8
ALMR	Almeirim	3.93 307	eP	AML	Pn	Pn	05 28 17.3 0.0
ALMR	comp=N,18nm,0.2s				A	AML	05 29 02.3
ALMR	Almeirim	3.93 307	P	P	Pn	Pn	05 28 17.3 0.0
ALMR	Almeirim	3.93 307	P	P	Pn	Pn	05 28 17.3 0.0
ALMR	Almeirim	3.93 307	P	P	Pn	Pn	05 28 17.3 0.0
PTOM	Tomar	4.11 313	eP	A	Pn	Sn	05 29 05.7 -0.8
PTOM	comp=N,28nm,0.3s				S	Sn	05 29 09.8
PTOM	Tomar	4.11 313	P	S	Pn	Sn	05 28 21.0 +1.3
PTOM	comp=N,14nm,0.3s				S	Sn	05 29 05.7 -0.8
PTOM	Tomar	4.11 313	eP	A	Pn	Sn	05 28 21.0 +1.3
PTOM	comp=N,14nm,0.3s				S	Sn	05 29 05.7 -0.8
PTOM	Tomar	4.11 313	eP	A	Pn	Sn	05 28 21.0 +1.3
PTOM	comp=N,28nm,0.3s				S	Sn	05 29 05.7 -0.8
MTE	Manteigas	4.25 327	eP	A	Pn	Sn	05 28 23.1 +1.5
MTE	comp=N,17nm,0.3s				S	Sn	05 29 09.8 0.0
MTE	Manteigas	4.25 327	P	S	Pn	Sn	05 28 23.1 +1.5
MTE	comp=N,8.4nm,0.3s				S	Sn	05 29 09.8 0.0
MTE	Manteigas	4.25 327	P	S	Pn	Sn	05 28 23.1 +1.5
MTE	comp=N,8.4nm,0.3s				S	Sn	05 29 09.8 0.0
MTE	Manteigas	4.25 327	eP	A	Pn	Sn	05 28 23.1 +1.5
MTE	comp=N,17nm,0.3s				S	Sn	05 29 09.8 0.0
PMAFR	Mafra	4.30 300	eP	A	Pn	Sn	05 28 23.4 +1.0
PMAFR	comp=N,61nm,0.3s				S	Sn	05 29 13.4
PMAFR	Mafra	4.30 300	P	S	Pn	Sn	05 28 23.4 +1.1
PMAFR	comp=N,5.7nm,0.1s,SNR=7.9				S	Sn	05 29 10.3 -1.0
PMAFR	Mafra	4.30 300	P	S	Pn	Sn	05 28 23.4 +1.1
PMAFR	comp=N,5.7nm,0.1s,SNR=7.9				S	Sn	05 29 10.3 -1.0
PMAFR	Mafra	4.30 300	P	S	Pn	Sn	05 28 23.4 +1.1
PMAFR	comp=N,5.7nm,0.1s,SNR=7.9				S	Sn	05 29 10.3 -1.0
PMAFR	Mafra	4.30 300	P	S	Pn	Sn	05 28 23.4 +1.1
PMAFR	comp=N,5.7nm,0.1s,SNR=7.9				S	Sn	05 29 10.3 -1.0
PMAFR	Mafra	4.30 300	P	S	Pn	Sn	05 28 23.4 +1.1
PMAFR	comp=N,5.7nm,0.1s,SNR=7.9						

17D 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ste Jean, SJPJ, ETSF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 17 05:43:50.3, BJI 17 05:43:54.6, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MYLDM Lahad Datu, TTSI Tana Toraja, SPSI Sempang Praya, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17 05:49:17.8, NEIC 17 05:49:19.7, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17 06:01:07.1, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CSEM 17 06:07:14.9, ATH 17 06:07:14.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 17 06:08:53.0, ISCJB 17 06:09:01.7, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17 06:09:03.2, DJA 17 06:09:11.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SSGI Sangihe, TMTI Ternate, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DJA 17 06:19:23.2, NLAI Namlea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17 06:21:41.7, ISCJB 17 06:21:45.7, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 17 06:21:45.0, IDC 17 06:21:45.1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, MSVF Nonsavu, RAR Rarotonga, etc.





Table with columns: TWG, WTP, WTP, CHN1, CHN1, SGST, SGST, EAST, EAST, SCZT, SCZT. Includes station names like Pinlang, Ta-pu, Nanshi, Jiashian, Anshuo, Fangliu, and time/phase data.

IDC 17 11:04:09.8,1.5,8.77S:126.99E,h0km,mb3.0/2, mb1 4.2/5, mb1mx3.8/16, mbtmp4.0/5, ML4.2/3, Error ellipse: s-maj=90.9km s-min=24.8km az=72.0 NEIC 17 11:04:14.9,0.8,8.94S:126.83E,h35km,mb4.4/1, Error ellipse: s-maj=14.9km s-min=11.5km az=55.0 ISCJB 17 11:04:16.8,2.0,9.11S:0.07E:127.00E:0.07,h82km,22km, mb3.6/2, Error ellipse: s-maj=13.9km s-min=11.7km az=29.1

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, WRA, WB2, MBWA, ASAR, COEN, MKAR, ZALV.

IDC 17 11:07:34.7,0.9,8.75S:126.96E,h0km,mb4.0/6, mb1 4.2/9, mb1mx4.0/16, mbtmp4.1/9, ML4.4/3, Error ellipse: s-maj=50.8km s-min=18.7km az=68.0 NEIC 17 11:07:36.8,10.0,8.85S:126.81E,h14km,68km,mb4.4/1, Error ellipse: s-maj=22.5km s-min=14.0km az=177.0 ISCJB 17 11:07:41.0,2.0,9.11S:0.07E:126.86E:0.09,h77km,22km, mb3.9/6, Error ellipse: s-maj=15.2km s-min=11.4km az=158.5

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, WRA, WB2, MBWA, ASAR, COEN, STKA, CMAR, SONM, PETK, MKAR, MKAR, ZALV.

ISCJB 17 11:40:36.5,0.3,64.53N:0.02:79.26W:0.06,h10km, mb3.7/11, Error ellipse: s-maj=4.4km s-min=2.9km az=143.0 IDC 17 11:40:39.3,0.6,64.83N:78.67W,h0km,mb3.8/11, mb1 4.1/16, mb1mx3.8/33, mbtmp3.9/16, ML3.6/5, Error ellipse: s-maj=13.0km s-min=8.4km az=10.0 OTT 17 11:40:40.0,2.6,64.67N:78.84W,h18km, MN4.3/31, 121km northwest from Cape Dorset, Nu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Ivujivik, Oilluagaa Expi, AKVO, SARC, WAGER, FRB, WAGN, WAGN, FRB, FRB, FRB, LAIN, NUNN, NUNN, NUNN.

Main table with columns: AP3N, SEDN, KUGN, JOSN, BULN, INUQ, STLN, ARVN, FCC, SILO, CB31, LG4Q, RES, RES, RES, RES, SCHO, SCHO, SCHO, SCHO, WEMQ, VIMO, GDLN, WHFN, SNLN, COKN, JERN, PKLO, OTRQ, OTRQ, OTRQ, MALO, MALO, MALO, MATQ, MATQ, MATQ, CHGO, CHGO, FFC, FFC, FFC, FFC, MNQ, MNQ, MNQ, ILKN, ILKN, CTLN. Includes station names like Apex site 3 Nu, First Sedna Si, Kugaaruk Camp, Second Sedna S, Bullion Camp, Inukjuak, Stellar Camp, Arviat, NU, Fort Churchill, Sutton Inlier, Cambridge Bay, La Grande 4, Resolute Bay, Schefferville, Wemindji, Quebec, Victor Mine, Gardenia Lake, White Fish Lake, Sandy Lake, NW, Cook Lake, Jeri Cho Mine, Pickle Lake, Otter Rapids, McAlpine Lake, Nakina Ontario, Matagami, Filin Flon, Manicouagan, Indian Lake, Castor Lake.

Table with columns: CTLN, YKW3, YKA, SMQ, KILO, GALL, ICQ, CNQ, PNPO, VLDQ, EPLO, ULM, ULM, ULM, TBO, TBO, ATKO, BELO, BELO, BELO, EYMN, EYMN, EYMN, EEO, EEO, EEO, CRLO, CRLO, CRLO, DRLN, DRLN, DRLN, FNNB, FNNB, INK, INK, INK, ILAR, PDAR, ARCS, TXAR, FINES, AKAS, BVAR, ZALV, BRTR, MKAR. Includes station names like Yellowknife Ar, Clarke City, Kirkland Lake, Gameti Lake, Pointe Anglais, Baie Comeau, Pukaskwa Natio, Val d'Or, Experimental L, Lac du Bonnet, Thunder Bay, Atikokan Iron, Belleterre, Ely, Eldee, Chalk River, Deer Lake, Fort Nelson, Inuvik, Eielson Array, Pinedale Array, ARCS Array B, TXAR Array B, FINES Array B, Malin Array B, Warramunga Arr, Keskin Array B, Makanchi Array.

IDC 17 11:49:28.3,1.1,1.35N:121.68E,h0km,mb3.4/4, mb1 3.6/5, mb1mx3.5/20, mbtmp3.4/5, ML3.6/1, MS3.4/1, Ms1 3.4/1, ms1mx2.4/18, Error ellipse: s-maj=116.8km s-min=19.4km az=67.0 ISCJB 17 11:49:30.4,1.9,0.93N:0.08:120.44E:0.07,h2km,14km, mb3.3, Error ellipse: s-maj=13.3km s-min=10.9km az=24.2

DJA 17 11:49:33.0,0.97N:120.56E,h3km,MLv4.3/3 ISC 17 11:49:32.8,1.7,0.89N:0.08:120.6E:0.1,h13km,13km, n14, c159/15, mb3.4/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Toi-Toi, MRSI, LUWI, LUWI, KMSI, MRSI, TTSI, MYLDM, SPSI, FITZ, WRA, ASAR, CTA, SONM, MKAR.

IDC 17 11:53:49.6,1.1,8.75S:127.09E,h0km,mb4.0/4, mb1 4.1/7, mb1mx3.9/16, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=76.4km s-min=18.8km az=64.0







Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ALU, IKL, ROOS, KIZT, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ISRV, SVRST, OBN, Obninsk, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SOKA, SGG, Gregorio Mates, etc.



Table with columns: LOR, MLR, MLR, comp-Z, 260nm, 19.0s, MS3.8, LORmes, 26.91 298 eP, P, 12 13 55.7 -0.2, etc.

Table with columns: WMQ, sP, sP, 12 15 18.0 +3.6, WMQ, sP, sP, 12 16 31.0 +0.9, etc.

Table with columns: HHC, pmax, pmax, comp-Z, 76nm, 5.5s, HHC, LR, LR, comp-N, 280nm, 16.6s, MS4.5, etc.

IDC 17 12:30:34.2;1.9,4.33S;152.74E,h0km,mb3.7/5, mb1 3.9/5,mb1mx3.6/16,mbtmp3.7/5, Error ellipse: s-maj=81.8km s-min=22.8km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, SOMM Songoing Arr, ILAR Eielson Array, TORD Torodi Ar. Bea.

IDC 17 12:35:20.4;2.2,16.78S;179.46W,h512km,2/7km, mb3.2/8,mb1 3.5/9,mb1mx3.2/19,mbtmp3.2/9, Error ellipse: s-maj=49.1km s-min=13.8km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, NVAR Mina Array Bea, TXAR Lajitas Array, PDAR Pinedale Array, PLCA Paso Flores, BRTR Keskin Array B.

MAN 17 12:44:45,16.46N;120.55E,h5km,mb4.6,ML3.5,MS3.4, 1C-2D, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BCPH Baguio City Da, BOLP Bolinao, BOLF Bolinao, ABRA Dolores, BALP Baler, CAUP Cauayan, PYP Conner, RIF Callao Craves, PIP Pasuquin, PALP Palanan, POLP Polillo Island, LUBP Lubang.

DDA 17 13:00:00.2;4.01'N;39.94E,h2km,1km,MD3.6 EZZ 17 13:00:00.9;4.01'N;39.99E,h6km,MD3.6,ML3.6 ISCJB 17 13:00:01.9;0.2;4.03'N;0.02;39.96E;0.02,h10km, mb3.7/2, Error ellipse: s-maj=2.7km s-min=2.3km az=170.5

CSEM 17 13:00:01.3;0.2;4.00'N;39.99E,h2km,MD3.6, Error ellipse: s-maj=4.0km s-min=3.4km az=158.0

IDC 17 13:00:06.9;1.6;40.37'N;39.63E,h0km,mb3.7/2, mb1 3.6/5,mb1mx3.3/26,mbtmp3.6/5,ML2.6/1, Error ellipse: s-maj=28.6km s-min=13.1km az=22.0

ISC 17 13:00:01.5;0.4;40.01'N;0.02;39.97E;0.02,h0km,3km, n86,c1924/122,mb3.8/2,Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BAYT Ayd-ntepe-Bay, KOPD Kop Dag, ERZC Erzincan, KELT Kelkit, GUMT Gumushane, MACK Trabzon, ERZM Erzurum, BINT Bingol, PTK Pertek, ESPY Espiye-Giresun, PZAR Pazar-Rize, KEMA Kemaliye, SUSE Susehri, BNGL BINGOL, HOMI Horasan, GRSN GiresunGRSN, DDEM Demirkent, DDEM Demirkent, ELZG Elazig, ELZG Elazig, SVRC Sivrice-ELAZID, DBOC Borcka, ARTV Artvin, BSCA Borcka, RSDY Resadiye-TOKAT, MYDA Malatya, MALT Malatya, MALY Malatya, DIYA Diyarbakir, DIYA Diyarbakir.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like DIYA Diyarbakir, SCER sogukcermik, SVSK Karacayir, AKAD Akcadag, AKCD Akcadag, AKCD Akcadag, BEST Besiri, AGRB Hanur-Agry, AGRB Hanur-Agry, KARS Kars, ERBA Erbaa, ERBA Erbaa, TOKT Tokat, TOKT Tokat, TOKA Tokat, TOKA Tokat, MARD Mardin, SARI Sardiz-Kayseri, PINB Pinarbasi, PINB Pinarbasi, KVT Kavak, KVT Kavak, GANT Gantep, KMRS Kahramanmaras, KMRS Kahramanmaras, GNI Garni, CTKT Corum, KOZT Kozan, AVNT Avonos, AVNT Avonos, CDAG Cicekdog, DGRG David-gareji, BRTR Keskin Array B, AKASG Malin Array Be, AKASG Malin Array Be, FINES FINESS Array B, ARCES ARCESS Array B.

NEIC 17 13:07:49.6;17.26N;100.17W,h33km,MD3.5(MEX), After MEX.

MEX 17 13:07:49.7;17.26N;100.17W,h31km,14km,MD3.5, Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like CAIG El Cayaco, CAIG El Cayaco, CAIG El Cayaco, CAIG Acapulco, ACX Acapulco, ACX Acapulco, MEIG Mezcala, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, PLIG Platanillo, ZIIG Zihuatajejo, ZIIG Zihuatajejo, PNIG Pinotepa, PNIG Pinotepa, PNIG Pinotepa, CDVM Organos, IIO Organos, IIO Organos.

CSEM 17 13:18:30.8;0.2;39.98N;39.95E,h12km,MD2.5, Error ellipse: s-maj=5.3km s-min=4.0km az=169.0

DDA 17 13:18:30.7;4.01'N;39.94E,h7km,MD3.6,MD2.8

ISCJB 17 13:18:31.0;0.2;39.99N;39.97E,h6km,MD2.5, Error ellipse: s-maj=9.5km s-min=5.8km az=13.5

ISC 17 13:18:31.0;0.2;39.98N;0.06;39.95E;0.04,h11km,10km, n14,c0567/24,Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like KOPD Kop Dag, KOPD Kop Dag, KOPD Kop Dag, BAYT Ayd-ntepe-Bay, BAYT Ayd-ntepe-Bay, ERZC Erzincan, ERZC Erzincan, KELT Kelkit, KELT Kelkit, GUMT Gumushane, GUMT Gumushane, GUMT Gumushane, PTK Pertek, PTK Pertek, SUSE Susehri, SUSE Susehri.

IDC 17 13:20:54.6;1.1;3.34S;145.25E,h0km,mb4.1/9, mb1 4.4/11,mb1mx3.6/16,mbtmp4.2/11,ML4.4/1,MS3.6/15, MS1.3/6/5,ms1mx3.5/23, Error ellipse: s-maj=41.9km s-min=12.8km az=104.0

GCMT 17 13:20:57.8;0.4;3.39S;145.86E,h19km,2km,MW4.8, Moment Tensor Solution, n1,c13; s54,c83; Moment tensor: Scale 10^18Nm; Mrr=0.15c;13; Mtheta=0.23c;09; Mphi=0.08c;19; Mtheta=0.19; Mphi=0.07c;20; Best double couple: M1: 7.0000; 1016; NP1: 93.00000; 378.00000; 1.1.00000; NP2: 93.00000; 389.00000; 1.168.00000; Principal axes: T 1.8200; Plg9.0000; Azm317.00000; N -1.7000; Plg78.0000; Azm180.00000; P -1.6500; Plg8.0000; Azm48.0000; Data Used: II G IC IUCN.

ISCJB 17 13:20:57.0;0.7;3.47S;0.06;145.5E;0.1,h33km, mb4.1/10,MS3.6/11, Error ellipse: s-maj=19.1km s-min=9.1km az=5.8

NEIC 17 13:20:59.4;0.7;3.49S;145.50E,h35km,mb4.3/2, Error ellipse: s-maj=19.7km s-min=9.5km az=92.0

ISC 17 13:20:59.0;0.7;3.55S;0.06;145.6E;0.1,h35km,n33,c1934/23,mb4.1/10,MS3.6/11,Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, COEN Coenen, HNR Honiara, KAKA Kakadu.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like KAKA Kakadu, CTA Charters Tower, CTA Charters Tower, GUMO Guam, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KNA Kunururra, EIDS Eidsvold, QLP Oulipie, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, STKA Stephens Creek, MJAR Matushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PETK Petropavlovsk, PETK Petropavlovsk, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

IDC 17 13:42:36.2;1.9;4.15S;139.40E,h0km,mb3.6/2, mb1 4.1/3,mb1mx3.6/13,mbtmp3.8/3,ML3.9/1, Error ellipse: s-maj=201.9km s-min=31.7km az=108.0,Irian Jaya

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, ILAR Eielson Array, ISCJB 17 13:43:32.7;0.6;39.98N;0.03;28.09E;0.04,h9km,13km, Error ellipse: s-maj=5.6km s-min=4.1km az=43.6, DDA 17 13:43:33.0;39.96N;28.05E,h6km,3km,MD2.8, ISC 17 13:43:32.0;2.0;39.99N;28.10E,h2km,MD2.7, Error ellipse: s-maj=4.0km s-min=3.3km az=16.0, ISC 17 13:43:33.4;0.6;39.98N;0.03;28.10E;0.04,h9km,12km, n19,c0566/32,Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like GONE Gonon-Balikesi, GONE Gonon-Balikesi, KCTX Karacabey (Bur), KCTX Karacabey (Bur), CTXCTX Karacabey (Bur), BALLY Balya, BALLY Balya, DURS Dursunbey, DURS Dursunbey, GEMT Gemlik, GEMT Gemlik, RSKY Sarkoy-Tekirda, RSKY Sarkoy-Tekirda, RSKY Sarkoy-Tekirda, SART Sarkoy-Tekirda, SART Sarkoy-Tekirda, DEMI Demirci, DEMI Demirci, DEMI Demirci, LPMI Lapseki, LPMI Lapseki, LPK Lapseki, CAVI Cavusky, CAVI Cavusky.

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

ISCJB 17 13:57:31.7, 1.8, 52.6S, 0.3, 18.7E, 0.3, h10km, mb3.8/6, Error ellipse: s-maj=41.9km s-min=27.1km az=169.7

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

NEIC 17 13:57:33.4, 0.9, 52.57S, 18.86E, h10km, mb4.0/1, Error ellipse: s-maj=25.6km s-min=22.8km az=223.0

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

NEIC 17 14:16:56.2, 1.0, 8.1730N, 100.33W, h1km, MD3.5(MEX), After MEX.

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

ISCJB 17 14:20:26.9, 0.8, 28.02N, 0.07, 139.9E, 0.2, h391km, 8km, mb3.4/9, Error ellipse: s-maj=32.0km s-min=7.8km az=166.6

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

ISCJB 17 14:20:27.2, 1.1, 27.95N, 139.86E, h383km, 13km, mb3.1/9, mb1 3.3/10, mb1mx3.1/24, mbtmp3.1/10, Error ellipse: s-maj=33.0km s-min=16.0km az=93.0

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

ISCJB 17 14:25:57.6, 8.5, 0.18N, 123.67E, h126km, 82km, mb3.0/5, mb1 3.2/6, mb1mx3.1/19, mbtmp3.1/6, Error ellipse: s-maj=81.0km s-min=17.5km az=60.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WB2, ASAR, etc.

CASC 17 14:36:18.8, 2.0, 11.28N, 85.62W, h166km, 8km, MD3.7, ML2.1, 1C, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CONN, GBS3, BUEV, etc.

ISCJB 17 14:45:49.5, 0.9, 3.90S, 123.86E, h0km, mb3.8/7, mb1 4.1/10, mb1mx3.9/20, mbtmp3.9/10, ML3.7/3, MS3.8/2, Ms1 3.8/2, ms1mx2.8/27, Error ellipse: s-maj=32.0km s-min=16.3km az=63.0

ISCJB 17 14:45:52.7, 0.7, 3.82S, 123.88E, 0.04, h40km, 9km, mb3.9/8, MS3.7/2, Error ellipse: s-maj=8.1km s-min=7.1km az=16.4

DJA 17 14:45:53.3, 6.2S, 123.80E, h19km, MLV4.2/5, NEIC 17 14:45:53.6, 3.7, 3.90S, 123.87E, h29km, 28km, mb4.4/1, Error ellipse: s-maj=21.7km s-min=8.4km az=53.0

ISC 17 14:45:54.3, 2.0, 3.86S, 123.86E, 0.04, h33km, 17km, n28, r130/31, mb3.9/8, MS3.7/2, Sulawesi

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

ISCJB 17 14:46:28.7, 28.0, 16.95S, 174.01W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.9/18, mbtmp4.3/4, Error ellipse: s-maj=57.7km s-min=144.6km az=85.0, Tonga Islands

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

ISCJB 17 14:54:30.4, 0.4, 23.92N, 0.02, 122.51E, 0.02, h18km, 4km, Error ellipse: s-maj=3.8km s-min=2.7km az=159.8

JMA 17 14:54:30.4, 23.95N, 122.39E, h6km, 1km, ML3.2, D TAP 17 14:54:32.0, 2.4, 28N, 122.46E, h53km, M2.5

ISC 17 14:54:29.6, 0.5, 23.93N, 0.02, 122.51E, 0.02, h9km, 3km, n36, r052/72, 2C, Taiwan region

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

ISCJB 17 14:54:30.4, 0.4, 23.92N, 0.02, 122.51E, 0.02, h18km, 4km, Error ellipse: s-maj=3.8km s-min=2.7km az=159.8

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

ISCJB 17 14:54:42.9, 3.3, 50N, 135.60E, h25km, M3.4 Broadband fault plane solution: P waves, NP1, b263.00000, 1.85, 0.00000, Principal axes: T: P1g71.00000, Azm73.00000, N: P1g5.00000, Azm73.00000; P: P1g18.00000, Azm165.00000; JMA Felt J1.

ISC 17 14:54:43.6, 0.9, 33.52N, 0.06, 135.58E, 0.05, h20km, 4km, n10, r065/16, mb3.5/2, 2C-3D, Near south coast of western Honshu

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

ISCJB 17 14:54:42.7, 1.0, 33.49N, 0.07, 135.61E, 0.05, h25km, 4km, mb3.5/2, Error ellipse: s-maj=11.7km s-min=7.2km az=167.7

JMA 17 14:54:42.9, 3.3, 50N, 135.60E, h25km, M3.4 Broadband fault plane solution: P waves, NP1, b263.00000, 1.85, 0.00000, Principal axes: T: P1g71.00000, Azm73.00000, N: P1g5.00000, Azm73.00000; P: P1g18.00000, Azm165.00000; JMA Felt J1.

ISC 17 14:54:43.6, 0.9, 33.52N, 0.06, 135.58E, 0.05, h20km, 4km, n10, r065/16, mb3.5/2, 2C-3D, Near south coast of western Honshu

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

ISCJB 17 14:54:42.7, 1.0, 33.49N, 0.07, 135.61E, 0.05, h25km, 4km, mb3.5/2, Error ellipse: s-maj=11.7km s-min=7.2km az=167.7





az=178.9
NEIC 17 16:31:25.2,3.2,35.90N-21.66E,h31km,24km,mb4.3/1,
Error ellipse: s-maj=14.1km s-min=8.6km az=160.0

s-min=13.1km az=44.0
ISCJB 17 16:51:42.4,0.4,12.52N,0.05:87.76W,0.04,h63km,6km,
mb3.6/3, Error ellipse: s-maj=10.9km s-min=3.0km
az=35.7

SRDR 17 16:59:58.7 -0.5 Ssn 16 59 58.7 +0.5
KLY Klyuchi 3.96 10 eP Pn 16 59 15.4 +0.9
KLY Klyuchi 3.96 10 PN Pn 16 59 15.4 +0.9

THE 17 16:31:27.4,36.08N-21.54E,h2km,4km,ML2.9/2, Error
ellipse: s-maj=7.2km s-min=3.2km az=193.0

NEIC 17 16:51:43.4,1.1,12.53N,0.07:87.75W,h65km,12km, Error
ellipse: s-maj=25.7km s-min=10.2km az=50.0

BUI 17 17:07:26.5,11.79N,142.15E,h20km,mb5.0/2,mb4.4/8
IDC 17 17:07:45.6,2.1,12.34N,141.73E,h133km,22km,mb3.8/9,

CSEM 17 16:31:28.0,0.2,35.87N-21.69E,h60km,ML2.9/2, Error
ellipse: s-maj=4.5km s-min=4.1km az=159.0

CASC 17 16:51:43.2,2.3,12.53N,0.10:87.77W,h51km,34km,MD4.0,
ML4.1

NEIC 17 17:07:46.4,1.5,12.34N,141.76E,h144km,16km,mb4.5/3,
Error ellipse: s-maj=19.1km s-min=11.3km az=76.0

ISC 17 16:31:26.8,0.6,35.81N-0.05:21.57E,0.05,h50km,6km,
n108,0:09/214,mb3.8/11,3C,Central Mediterranean Sea

ISC 17 16:51:43.4,0.4,12.52N,0.05:87.76W,0.04,h61km,9km,
n43,0:081/60,mb3.6/3,2C,Near coast of Nicaragua

ISCJB 17 17:07:47.1,2.0,12.35N,0.10:142.0E,0.2,h177km,24km,
mb4.0/16, Error ellipse: s-maj=31.7km s-min=15.6km

Code Station Name A° AZ° Phase ID Time Res

Code Station Name A° AZ° Phase ID Time Res

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Rows include stations like KYTH, VAM, GUR, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Rows include stations like CNCH, COPN, MWMN, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Rows include stations like SRDR, KLY, KBR, etc.

IDC 17 16:51:39.1,3.3,12.97N,87.27W,h19km,25km,mb3.5/3,
mb1.4/0.5,mb1mx3.6/24,mbtmp3.6/5,ML3.4/2,MS3.0/2,
Ms1.3/0.2,ms1mx2.4/27, Error ellipse: s-maj=89.9km

MOS 17 16:58:13.3,0.8,52.38N,159.60E,h26km,mb4.3/1, Error
ellipse: s-maj=40.0km s-min=11.6km az=82.9

IDC 17 17:20:40.7,1.7,14.89S,177.68E,h0km,mb4.0/6,
mb1.4/3.6,mb1mx4.0/17,mbtmp4.0/6,MS3.5/5,Ms1.3/5,
ms1mx2.3/31, Error ellipse: s-maj=121.0km s-min=21.7km
az=146.0

ISCJB 17 16:58:14.5,1.0,52.47N,159.60E,h24km,ML4.2

ISC 17 16:58:14.6,1.0,52.42N,0.04:159.47E,0.07,h16km,4km,
n25,0:093/40,1D,Off east coast of Kamchatka

ISCJB 17 17:20:42.5,0.9,16.2S,20.278,4E,0.2,h33km,mb3.8/6,
MS3.5/4, Error ellipse: s-maj=29.1km s-min=17.3km
az=34.1





Table with columns: TIR, Tirane, 32.97 305, eP, P, 17 50 18.7 -3.4, etc. Includes stations like Tirane, Buzias, KMB0, LJV, LVS, etc.

Table with columns: KLMR, Klimovskoe, 35.75 346, iP, P, 17 50 45.3 -0.7, etc. Includes stations like Klimovskoe, Salakas, Misrath, Zarasai, etc.

Table with columns: VRAC, Vranov, 37.66 317, iP, LR, 17 51 03.1 +0.7, etc. Includes stations like Vranov, SOKA, TERO, GUAR, etc.











Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like KKAR, KIV, KISS, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like BER, KMY, KSS, etc.

ISC/JB 17 18:01:01.4+0.4, 43.76N, 0.02+105.21W, 0.04, h0km, Error ellipse: s-maj=4.0km s-min=2.7km az=169.2

NEIC 17 18:01:03.3+0.4, 43.78N, 105.20W, h0km, ML3.1, Error ellipse: s-maj=5.0km s-min=4.7km az=52.0, Suspected Mining explosion.

NEIC 60 km [40 miles] SSE of Gillette, ID 17 18:01:06.0+1.0, 44.76N, 106.38W, h0km, mb1 3.8/3, mb1mx3.4/27, mbtp3.5/3, ML3.5/3, Error ellipse: s-maj=62.1km s-min=8.3km az=140.0

ISC 17 18:01:02.6+0.4, 43.73N, 102.105+26W, 0.04, h0km, n66, e+113.77, 20C-23D, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like J22A, RSSD, K22A, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like M23A, L21A, PHWY, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like CFAA, PLCA, PLCA, etc.

IDC 17 18:22:58.6+2.0, 21.53N, 143.60E, h274km, 20km, mb3.0/8, mb1 3.2/10, mb1mx3.1/25, mbtp3.1/10, Error ellipse: s-maj=29.5km s-min=12.6km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like CBJJ, CBJJ, MJSR, etc.

IDC 17 18:41:47.7+0.5, 26.95N, 56.17E, h0km, mb4.3/24, mb1 4.2/29, mb1mx4.3/35, mbtp4.3/29, ML4.1/4, MS3.9/9, Ms1 3.8/9, mb1mx3.4/42, Error ellipse: s-maj=13.5km s-min=11.6km az=163.0

ISC, JCB 17 18:41:48.1+0.2, 26.96N, 0.02+56.03E, 0.03, h10km, mb4.4/68, MS3.8/12, Error ellipse: s-maj=3.7km s-min=3.0km az=138.1

SGS 17 18:41:49.0, 26.79N, 56.41E, h15km, CSEM 17 18:41:49.0+0.2, 26.98N, 56.07E, h10km, mb4.4/56, Error ellipse: s-maj=5.6km s-min=5.1km az=95.0

BUI 17 18:41:50.0, 26.90N, 56.20E, h10km, msB.0/8, mb4.6/22, Ms4.6/4, Ms7.4/3/4

MOS 17 18:41:50.8+1.0, 26.93N, 56.03E, h33km, mb4.7/50, Error ellipse: s-maj=7.2km s-min=4.9km az=272.0

NEIC 17 18:41:50.0, 26.90N, 56.20E, h7km, mb4.6/29, ML4.4(THR), ML4.4(TEH), After TEH

TEH 17 18:41:50.3, 27.01N, 56.17E, h23km, THR 17 18:41:52.3+0.5, 27.23N, 55.92E, h7km, 4km, ML4.3

OMAN 17 18:42:06.0+1.0, 25.76N, 56.29E, h10km, Error ellipse: s-maj=8.5km s-min=4.6km az=272.0

ISC 17 18:50.0+0.2, 26.98N, 0.02+56.06E, 0.03, h10km, n383, e+1929/336, mb4.4/68, MS3.1/2, 5C-3D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like BNDS, BNDS, BNDS, etc.



Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like La Plagne, Chamf du Feu, Echery, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like GRR, GRR, GRR, etc.

GUC 17 18:42:34.9-0.9,22:45S:70:44W, h32km,6km, ML3.8,1D,

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

ISCJB 17 18:44:47.2-1.2,26:94N:0:08:56:10E:0:07,h9km,11km, mb4/0/30, Error ellipse: s-maj=14.1km s-min=10.2km

ISCJB 17 18:44:48.0-0.7,26:94N:56:10E,h0km,mb4/0/19, mb1 1.4/1.22,mb1mx4.0/33,mbtm4/0/22,ML4/0/2,MS3.8/1, Ms1 3.8/1,ms1mx2/7.42, Error ellipse: s-maj=17.6km s-min=15.6km az=147.0

CSEM 17 18:44:50.4-0.5,27:05N:55:96E,h10km,mb4/3/11, Error ellipse: s-maj=20.1km s-min=8.1km az=154.0

NEIC 17 18:44:52.2-0.7,27:18N:56:03E,h5km,mb4/4/7,ML3.9(THR), After THR

THR 17 18:44:52.2-0.3,26:37N:0:08:56:10E:0:07,h6km,12km, ISU 17 18:44:49.9-2.7,26:38N:0:08:56:10E:0:07,h6km,12km, n82,-0:493/83,mb4/0/30,1C-2D, Southern Iran

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

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like NASN, GNI, GNI, GNI, etc.

ISCJB 17 18:59:00.7-1.0,26:85N:0:05:56:07E:0:05,h13km,6km, mb3.8/1.9,MS3.9/3, Error ellipse: s-maj=8.9km s-min=5.4km az=140.0

ISCJB 17 18:59:00.8-1.0,26:91N:56:10E,h0km,mb3.8/1.6, mb1 3.9/1.7,mb1mx3.3/1.31,mbtm3.9/1.7,ML1.5/1.1,MS3.7/5, Ms1 3.7/1.5,ms1mx3.1/3.9, Error ellipse: s-maj=21.8km s-min=17.8km az=149.0

SGS 17 18:59:01.8,27:19N:56:14E,h15km CSEM 17 18:59:02.0-0.4,26:86N:56:14E,h10km,mb4/0/6, Error ellipse: s-maj=12.0km s-min=7.9km az=151.0

NEIC 17 18:59:04.9,27:22N:55:92E,h2km,mb4/1/7,ML3.8(THR), After THR

THR 17 18:59:05.0-0.3,27:22N:55:92E,h2km,ML3.8 TEU 17 18:59:07.2-1.4,44:56:09E,h12km

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KRBR, Kerman, Sarvestan, Pars, Mehriz, Zahedan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like MAN 17 19:00:50,7;12N;125.95E, h26km, mb4.5, ML3.4, MS3.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like CMAR Chiang Mai Arr, FETA Feichten, DAVA Damuels, etc.





Table of astronomical observations for 17d 20h, listing stations like DZM, CLNS, MAW, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2008 SEP, listing stations like DPC, GERES, GUMU, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 768, listing stations like GNI, MALT, KIV, etc., with columns for station name, coordinates, and observation details.









I14A	baz=85, SNR=22	84.85	45	↑P	P	21 44 18.0 +0.4
DLMT	Mackay	84.91	44	eP	P	21 44 17.6 -0.3
DLMT	Dillon	84.91	44	eP	P	21 45 06.8 -0.1
DLMT	Holter Researc	84.91	42	eP	P	21 44 17.9 +0.1
MCMT	McKenzie Canyo	84.93	44	eP	P	21 44 18.2 +0.1
MCMT	Furnace Creek,	84.95	53	↑P	P	21 45 07.7 +0.7
B17A	L&G Farms, Che	84.97	41	↑P	P	21 44 18.3 +0.1
D16A	Dana Ranch, Ca	84.97	42	↑P	P	21 44 18.4 +0.2
J14A	Carey	85.02	46	↑P	P	21 44 19.3 +0.8
G15A	Dillon	85.05	44	↑P	P	21 44 18.5 -0.1
E16A	East Helena	85.07	43	↑P	P	21 44 18.8 +0.1
E16A	baz=85			↑P	P	21 45 05.8 -1.8
H15A	Lima	85.14	45	↑P	P	21 44 19.5 +0.4
C17A	Wharram Farm,	85.24	41	↑P	P	21 44 18.7 -0.7
R11A	Throy Canyon, C	85.28	51	↑P	P	21 44 19.9 0.0
A18A	Metzger Ranch,	85.31	40	P	P	21 44 19.6 -0.1
A18A	baz=85, SNR=11			↑P	P	21 45 07.3 -1.5
U10A	Ash Meadows, A	85.37	53	↑P	P	21 44 21.0 +0.6
U10A	baz=85, SNR=7.2			↑P	P	21 45 08.6 -0.8
G5C	Goldstone	85.38	54	↑P	P	21 44 20.6 +0.1
G5C	Goldstone	85.38	54	eP	P	21 44 20.6 +0.2
G5C	Goldstone	85.38	54	eP	P	21 44 20.7 +0.2
F16A	comp=Z, 1.4nm, 1.3s, mb4.5	85.38	43	P	P	21 44 20.3 0.0
BOZ	Bozeman (W)	85.43	43	P	P	21 44 20.7 +0.2
BOZ	Bozeman (W)	85.43	43	eP	P	21 44 20.5 0.0
BOZ	Bozeman (W)	85.43	43	eP	P	21 45 09.6 +0.1
BOZ	Bozeman (W)	85.43	43	eP	P	21 44 20.5 0.0
BOZ	Bozeman (W)	85.43	43	eP	P	21 45 09.6 +0.1
D17A	Six Diamond Ra	85.47	42	↑P	P	21 44 20.7 0.0
G16A	Moss Hill, Enn	85.47	44	P	P	21 44 21.0 +0.3
VSR	Storozhevoje	85.53	323	eP	P	21 44 18.4 -2.4
VSR	comp=N, 3.0nm, 0.5s			pmx	pmx	
VSR	comp=E, 3.0nm, 0.5s			pmx	pmx	
VSR	comp=Z, 4.0nm, 0.5s, mb4.4			pmx	pmx	
K14A	Jones Ranch, D	85.53	47	↑P	P	21 44 21.9 +0.8
K14A	baz=85, SNR=13			↑P	P	21 45 08.8 -1.3
B18A	Beardsley Farm	85.55	40	↑P	P	21 44 20.6 -0.5
VORD	Divnogorie	85.55	323	eP	P	21 44 17.4 -3.6
VORD	comp=N, 7.0nm, 0.5s			pmx	pmx	
VORD	comp=E, 10.0nm, 0.5s			pmx	pmx	
E17A	Martinsdale	85.62	42	↑P	P	21 44 21.3 -0.2
E17A	baz=86, SNR=7.0			↑P	P	21 45 09.8 -0.7
L14A	Malta	85.67	47	↑P	P	21 44 21.9 +0.2
EGMT	Eagleton	85.71	41	eP	P	21 44 21.3 -0.6
J15A	Blackfoot	85.73	46	↑P	P	21 44 22.9 +0.9
J15A	baz=86, SNR=23			↑P	P	21 45 09.7 -1.3
QLMT	Earthquake Lak	85.87	44	eP	P	21 44 23.4 +0.8
QLMT	Hector, Ludlow	85.91	55	↑P	P	21 45 13.2 +1.5
K15A	Arbon	85.93	46	↑P	P	21 45 11.6 -0.5
K15A	baz=86, SNR=13			↑P	P	21 44 23.5 +0.5
F17A	Fitzpatrick Pl	85.96	43	↑P	P	21 45 12.3 +0.3
A19A	Clindworth Far	85.97	40	↑P	P	21 44 23.0 -0.1
D18A	Linhart Farms,	86.01	41	↑P	P	21 44 23.5 +0.2
TUQ	Turquoise Moun	86.01	54	↑P	P	21 44 23.1 -0.4
H16A	Russell Place,	86.04	44	↑P	P	21 44 24.5 +1.0
H16A	baz=86, SNR=11			↑P	P	21 45 11.6 -1.0
B19A	Brinkman Farms	86.04	40	↑P	P	21 44 23.1 -0.3
HVU	Hanse Valley	86.09	47	eP	P	21 44 24.5 +0.7
HVU	Hansel Valley	86.09	47	eP	P	21 45 12.7 -0.2
HVU	comp=Z, 2.2nm, 1.1s, mb4.8			eP	P	21 45 12.7 -0.2
E18A	Harlowton	86.19	42	↑P	P	21 44 24.5 +0.3
E18A	baz=86, SNR=12			↑P	P	21 45 12.3 -1.0
PFO	Pinyon Flat Ob	86.22	56	↑P	P	21 45 13.4 -0.3
PFO	Pinyon Flat Ob	86.22	56	eP	P	21 44 24.0 -0.6
PFO	Pinyon Flat Ob	86.22	56	eP	P	21 44 24.0 -0.6
SHPR	Sheep Range	86.23	53	eP	P	21 44 25.0 +0.4
YMR	Madison River	86.24	44	eP	P	21 44 25.1 +0.6
YMR	comp=Z, 2.5nm, 0.9s, mb5.0			eP	P	21 45 14.1 +0.5
C19A	Slack Wire Ran	86.26	41	P	P	21 44 24.6 +0.1
L15A	Malad City	86.28	47	P	P	21 44 24.8 +0.1
L15A	baz=86, SNR=10			↑P	P	21 45 13.4 -0.5
J16A	Bone	86.33	46	↑P	P	21 44 25.5 +0.6
J16A	baz=86, SNR=6.3			↑P	P	21 45 13.4 -0.6
YFT	Old Faithful	86.41	44	eP	P	21 44 27.8 +2.5
YFT	comp=Z, 2.3nm, 0.9s, mb4.9			eP	P	21 45 17.4 +3.0
YNR	Norris Junctio	86.41	44	eP	P	21 44 27.8 +2.4
YNR	comp=Z, 3.9nm, 1.1s, mb5.0			eP	P	21 45 14.9 +0.5
M15A	Larsen Ranch,	86.43	47	P	P	21 44 25.6 +0.1
M15A	baz=86, SNR=15			↑P	P	21 45 14.5 -0.2
GMRC	Granite Mounta	86.44	55	↑P	P	21 44 25.6 -0.1
GMRC	baz=86, SNR=6.5			↑P	P	21 45 14.4 -0.4
KAF	Kangasniemi	86.44	336	eP	P	21 44 22.3 -2.8
KAF	comp=Z, 1.0nm, 0.4s, mb3.9			pmx	pmx	
KAF	Kangasniemi	86.44	336	eP	P	21 44 22.3 -2.8
KAF	comp=Z, 1.1nm, 0.4s, mb3.9			pmx	pmx	
KAF	Kangasniemi	86.44	336	eP	P	21 45 10.1 -4.1
KAF	comp=Z, 0.7nm, 0.4s			pmx	pmx	

BELO	Belle Mtn. Jos	86.44	55	↑P	P	21 44 24.9 -0.8
A20A	Cobblestone Ra	86.48	39	↑P	P	21 44 25.3 -0.2
MONP	Moment Peak	86.49	57	↑P	P	21 44 26.2 +0.3
MONP	baz=86			↑P	P	21 45 15.1 0.0
SPUT	South Promonto	86.49	48	eP	P	21 44 26.0 +0.2
SPUT	comp=Z, 1.7nm, 1.0s, mb4.7			eP	P	21 45 14.9 0.0
RR12	Red Ridge	86.50	45	eP	P	21 44 26.4 +0.6
K16A	comp=Z, 1.5nm, 0.9s, mb4.7	86.52	46	↑P	P	21 44 26.2 +0.4
K16A	Soc Springs	86.52	46	↑P	P	21 45 15.9 +0.9
IMW	Indian Meadow	86.55	45	eP	P	21 44 26.7 +0.7
IMW	comp=Z, 1.7nm, 0.8s, mb4.6			eP	P	21 45 16.4 +1.2
F18A	Big Timber	86.57	43	↑P	P	21 44 24.9 -1.1
N15A	Stansbury Isla	86.59	48	↑P	P	21 44 26.0 -0.3
D19A	Cripps Ranch,	86.60	41	P	P	21 44 25.8 -0.4
FLWY	Grant Village	86.60	44	↑P	P	21 45 14.7 -0.7
FLWY	comp=Z, 6.5nm, 0.5s, mb4.6			eP	P	21 45 16.8 +1.2
DUG	Dugway	86.64	49	eP	P	21 44 22.7 -3.8
DUG	comp=Z, 2.3nm, 0.8s, mb4.9			pmx	pmx	
TPAW	Teton Pass	86.70	45	eP	P	21 44 27.0 +0.3
TPAW	comp=Z, 1.7nm, 0.4s, mb4.4			eP	P	21 45 16.7 +0.8
U12A	Valley of Fire	86.72	53	↑P	P	21 44 27.5 +0.5
MOOV	Moose Ponds	86.74	45	eP	P	21 44 27.1 +0.2
MOOV	comp=Z, 1.3nm, 0.9s, mb4.4			eP	P	21 45 16.5 +0.4
I17A	Pilgrim Ck.	86.78	45	↑P	P	21 44 27.6 +0.5
S13A	Holt Ranch, En	86.82	51	↑P	P	21 44 27.8 +0.3
LOHW	Long Hollow	86.88	45	eP	P	21 44 27.5 -0.1
LOHW	comp=Z, 1.8nm, 1.5s, mb4.6			eP	P	21 45 17.2 +0.4
FINES	FINES Array B	86.91	335	P	P	21 47 53.7 +0.7
FINES	comp=Z, 2.9nm, 0.4s, mb4.4, baz=62, slow=4.9, SNR=48			P	P	21 44 24.5 -2.9
C20A	Veseth Ranch,	86.91	335	↑P	P	21 44 28.0 +0.3
C20A	baz=87			↑P	P	21 45 15.8 -1.1
L16A	Fish Haven	86.93	47	↑P	P	21 44 28.1 +0.2
L16A	baz=87			↑P	P	21 45 16.9 -0.2
E19A	Rath Farm, Rou	86.94	42	↑P	P	21 44 27.8 -0.1
BC3	Big Chuckawall	86.99	56	↑P	P	21 44 28.4 0.0
T13A	Saint George	86.99	52	↑P	P	21 44 28.7 +0.4
IRM	Iron Mountain	87.05	55	↑P	P	21 44 28.7 0.0
H18A	Shoshone NF, C	87.09	44	↑P	P	21 44 27.7 +0.1
U13A	Pakoon Wash	87.16	53	P	P	21 44 29.6 +0.5
U13A	baz=87, SNR=29			↑P	P	21 45 19.2 +0.9
RLMT	Red Lodge	87.17	43	eP	P	21 44 29.3 +0.4
RLMT	comp=Z, 7.8nm, 0.7s, mb4.5			eP	P	21 44 31.1 +0.3
FLM	Flin Flon	87.18	32	iP	P	21 45 18.6 +0.4
CCUT	Cedar City	87.20	51	eP	P	21 44 29.0 +0.2
NLU	North Lily Min	87.25	49	eP	P	21 44 27.5 -1.8
V13A	Grand Canyon W	87.35	53	↑P	P	21 44 29.2 -0.2
V13A	comp=Z, 1.4nm, 0.9s, mb4.7			↑P	P	21 44 30.4 +0.4
C21A	Desert Coulee	87.43	40	↑P	P	21 45 18.8 -0.5
C21A	baz=87, SNR=6.2			↑P	P	21 44 29.0 -1.1
J18A	Kendall Valley	87.43	45	↑P	P	21 45 18.1 -1.3
J18A	baz=87, SNR=16			↑P	P	21 44 30.6 +0.4
JLU	Jordanelle	87.45	48	eP	P	21 45 18.5 -1.0
JLU	comp=Z, 2.1nm, 0.9s, mb4.9			eP	P	21 44 31.0 +0.6
MPU	Maple Canyon	87.55	49	eP	P	21 45 19.6 -0.1
T14A	Hurricane	87.59	52	↑P	P	21 44 30.9 +0.1
K18A	Toltan Ranch,	87.64	46	↑P	P	21 44 31.7 +0.5
DAU	Daniels Canyon	87.66	48	eP	P	21 45 19.1 -1.4
DAU	baz=88, SNR=5.2			eP	P	21 44 32.0 +0.6
DAU	Daniels Canyon	87.66	48	eP	P	21 45 21.2 +0.5
M17A	Scullys Gap (B	87.67	47	↑P	P	21 44 32.0 +0.6
M17A	baz=88, SNR=5.7			eP	P	21 45 21.2 +0.5
GLA	Glamis	87.69	56	↑P	P	21 44 31.3 -0.1
GLA	baz=88, SNR=7.7			↑P	P	21 45 19.8 -0.9
GLA	Glamis	87.69	56	eP	P	21 44 32.0 +0.3
GLA	comp=Z, 9.9nm, 0.8s, mb4.7			pmx	pmx	
GLA	Glamis	87.69	56	eP	P	21 44 31.8 +0.1
W13A	Hualapai Mount	87.69	54	↑P	P	21 44 31.9 +0.2
W13A	comp=Z, 10.0nm, 0.8s, mb4.7			↑P	P	21 45 20.7 -0.2
MSU	Marysvale	87.72	50	eP	P	21 45 20.7 -0.2
MSU	baz=88			eP	P	21 44 31.4 -0.3
U14A	Mt Trumbull	87.75	52	P	P	21 44 32.5 +0.6
U14A	baz=88, SNR=24			↑P	P	21 45 21.4 +0.2
PDCCI	Parker Dam, Lak	87.78	55	↑P	P	21 44 32.3 +0.1
I19A	Meeteetse	87.79	44	↑P	P	21 44 32.2 +0.3
I19A	baz=88			↑P	P	21 45 20.2 -1.0
D21A	La Casta Ranch	87.81	41	↑P	P	21 44 31.5 -0.5
D21A	baz=88			↑P	P	21 45 20.2 -1.1
G20A	Brider	87.81	43	↑P	P	21 44 32.0 +0.2
G20A	baz=88			↑P	P	21 45 20.3 -1.0
X13A	Yucca	87.92	54	↑P	P	21 44 33.0 +0.2
X13A	baz=88, SNR=14			↑P	P	21 45 21.2 -0.9
BW06	Boulder Array	87.92	45	P	P	21 44 32.0 -0.6
BW06	baz=88, SNR=5.6			eP	P	21 45 21.2 -0.9
PDAR	Pinedale Array	87.92	45	P	P	21 44 31.9 -0.7
PDAR	comp=Z, 2.2nm, 2.0s, mb4.6			↑P	P	21 44 31.9 -0.7
L18A	Fontenelle, Gr	87.93	46	↑P	P	21 44 31.9 -0.7
L18A	baz=88			↑P	P	21 45 20.8 -1.1
J19A	Crowheart	88.06	45	↑P	P	21 44 33.7 +0.5
J19A	baz=88			↑P	P	21 45 21.6 -0.9
V14A	Boquillas Ranc	88.09	53	P	P	21 44 34.2 +0.7
V14A	baz=88, SNR=4.5			↑P	P	21 45 22.5 -0.4
M18A	Lyman	88.10	47	↑P	P	21 44 33.5 +0.1

Table with columns: R20A, Redvale, 90.59, 49, P, P, 21 44 45.3 +0.1, etc. Includes various station names like Redvale, Disappointment, Garrett, Black Hills, etc.

Table with columns: BRTR, comp=Z, 0.8nm, 0.5s, mb4.0, bazz=112, slow=3.0, SNR=5.1, etc. Includes various station names like Keskin Aray B, Circle Dot Ran, etc.

Table with columns: EMIN, 0.1nm, 0.0s, SNR=7.9, S, Sn, 21 37 13.9 -0.6, etc. Includes various station names like Minn Concepcio, El Granado, etc.

ISCJB 17 22:03:31.9i,0.5,9'11s:0:04:127'10E:0:08,h33km, mb4.2/13, Error ellipse: s-maj=12.3km s-min=5.0km az=161.3

IDC 17 22:03:31.6i,1.2,8:89S:126'78E,h0km,mb4.0/4, mb1 4.2/5, mb1mx3.9/17, mbtmp4.1/5, ML4.9/1, Error ellipse: s-maj=74.5km s-min=22.3km az=66.0

NEIC 17 22:03:34.0i,0.4,9:00S:127'11E,h35km,mb4.4/9, Error ellipse: s-maj=14.0km s-min=5.8km az=62.0

ISC 17 22:03:34.2i,0.5,9:04S:127'15E:0:08,h35km,n25, 19'21.0E,mb4.2/13, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like Kununurra, Fitzroy Crossi, Warramunga Arr, etc.

BUI 17 22:04:36.5,4:30S:104'60E,h59km,mb4.9/3,mb4.9/14 ISCJB 17 22:04:49.6i,0.2,4:63S:104:0:04:136E:0:03,h191km, mb4.6/61, Error ellipse: s-maj=6.2km s-min=3.1km

DJA 92-4:50,4:74S:104'34E,h164km,MLv4.9/31 IDC 17 22:04:52.0i,0.8,4:37S:104:49E:h190km,mb4.1/18, mb1 4.2/19, mb1mx4.1/23, mbtmp4.1/19, Error ellipse: s-maj=15.8km s-min=8.6km az=64.0

NEIC 17 22:04:51.0i,0.7,4:34S:104:61E,h189km,mb4.4/30, Error ellipse: s-maj=8.2km s-min=5.0km az=60.0

ISC 17 22:04:51.0i,0.2,4:64S:104:104:37E:0:03,h193km, h193km,2.6km;pp-P,n159,e,0:32:155,mb4.6/1,6C-2D, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like MDSI, Maura Dua, KLSI, Liwa, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like TNG, PPBI, DBJI, SKJU, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like KBK, EK32, MK31, MKAR, etc.

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

ISC/JB 17 22:10:37.9,0.2,47.095N,0.010:11.38E,0.01,h2km,2km, Error ellipse: s-maj=1.7km s-min=1.6km az=19.8



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

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

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

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

ISCBJ 17 23:13:50.1±0.5, 32.42N±0.03, 47.41E±0.05, h10km, Error ellipse: s-maj=6.6km s-min=4.2km az=179.0

CSEM 17 23:13:50.0±0.3, 32.45N±0.07, 39E, h5km, ML2.7, Error ellipse: s-maj=7.1km s-min=3.4km az=122.0

KISR 17 23:13:50.2±0.5, 31.98N±46.34E, h34km, 999km, ML2.4 TEH 17 23:13:51.0, ±0.3, 32.43N±0.03, 47.39E±0.06, h10km, n15, ISC 17 23:13:51.0±0.5, 32.43N±0.03, 47.39E±0.06, h10km, n15, e=076/24, Iran-Armenia-Azerbaijan border region

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

BUI 17 23:41:32.4, 6.30N±125.40E, h59km, mb5.0/10, mb4.6/17, Ms4.1/3, Ms7.3/8/3

ISCBJ 17 23:41:36.9±0.3, 6.35N±0.02±125.43E±0.04, h118km, 3km, mb4.6/40, Error ellipse: s-maj=6.5km s-min=4.0km az=179.3

IDC 17 23:41:37.1±0.6, 6.23N±125.44E, h108km, 5km, mb4.1/15, mb1.4/2/16, mb1mx4.1/24, mbtmp4.2/16, MS3.4/4, Ms1.3/5.4, ms1mx2.9/27, Error ellipse: s-maj=17.3km s-min=8.4km az=82.0

DJA 17 23:41:38.6±36N±125.49E, h100km, mb5.1/30 NEIC 17 23:41:38.5±0.8, 6.35N±125.43E, h119km, mb4.7/18, Error ellipse: s-maj=10.4km s-min=6.3km az=82.0

NEIC Felt [I PIVS] at General Santos. MAN 17 23:41:38.6±44N±125.27E, h86km, mb5.3, ML2.4, MS4.5 MAN INTENSITY II - GENERAL SANTOS CITY. ISC 17 23:41:38.0±0.3, 6.35N±0.02±125.42E±0.04, h111km±3km, n122, e114/130, mb4.6/40, 2D, Mindanao

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

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



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARMA Armadale, SONM Songino Array, YNG Young, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCPH Surigao, MSLP Maasin, TBP Tagbilaran, etc.

NEIC 18 00:43:32.6, 3.24, 13N, 122.15E, h10km, Error ellipse: s-maj=34.9km s-min=10.8km az=87.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHP Heping Village, NACB Ninganchiao, ENA Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NCU National Centre, TWS1 Kuangyinshan, HSN Hsinchu, etc.

PGC 18 00:45:40.0, 5.0, 50.56N, 130.38W, h10km, ML3.2/12, Mw3.8, 4D, 209km west of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOLB Holberg, BPBC Brooks Peninsula, MAYB Maynard, etc.

BUJ 18 00:54:26.9, 44.41N, 120.89E, h16km, ML3.7/11, 1D, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNY Shenyang, CN2 Changchun, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CN2, MDJ Mudanjiang, KBL Kabul, etc.

IDC 18 01:00:42.9, 4.8, 36.44N, 70.65E, h164km, 51km, mb3.2/5, s-maj=58.3km s-min=33.7km az=114.0

ISCJB 18 01:00:44.4, 0.5, 36.61N, 70.64E, 0.7, h172km, 8km, mb3.4/4, Error ellipse: s-maj=10.1km s-min=4.8km az=162.3

NIC 18 01:00:45.1, 9.7, 36.94N, 69.87E, h0km, mb4.2, mpv4.2, Error ellipse: s-maj=77.2km s-min=51.9km az=175.0

NEIC 18 01:00:45.1, 0.7, 36.61N, 70.58E, h174km, 9km, mb4.7/11, Error ellipse: s-maj=1.3km s-min=6.8km az=65.0

ISC 18 01:00:44.9, 0.5, 36.61N, 70.56E, 0.7, h167km, 7km, mb3.4/5, mb3.4/5, mb3.4/5, Hima Kush region

ISC 18 00:43:37.0, 3.24, 13N, 121.81E, 0.02, h45km, 4km, mb1.0, 0.97N, 121.7C-3D, Taiwan

ISC 18 00:43:36.9, 0.3, 24.19N, 0.01, 121.81E, 0.02, h49km, 3km, Error ellipse: s-maj=3.3km s-min=2.2km az=26.1

TAP 18 00:43:36.9, 24.21N, 121.75E, h48km, ML3.9, B JMA 18 00:43:37.3, 0.3, 24.34N, 121.85E, h73km, M2.8

ISC 18 00:43:37.0, 3.24, 13N, 121.81E, 0.02, h45km, 4km, mb1.0, 0.97N, 121.7C-3D, Taiwan

ISCJB 18 01:04:15.4, 0.5, 41.81N, 140.03, h3km, 4km, Error ellipse: s-maj=4.7km s-min=3.6km az=0.3

NEIC 18 01:04:16.7, 41.78N, 81.43W, h5km, MN2.9(OTT), MN2.8(OGSO), After OGSO

NEIC Felt [I] at Mentor. Also felt at Eastlake and Willoughby, OTT 18 01:04:17.1, 41.80N, 81.42W, h5km, MN2.9/20, Lake Erie 77km southeast from Blenheim, On Eastern Background Seismic Zone

ISC 18 01:04:16.1, 0.5, 41.80N, 81.41W, 0.03, h2km, 5km, mb4.9, 1.03/97, Ohio





18d 1h

2008 SEP

780

Table with columns: GOGA, comp-Z, time, elevation, status, and other data. Rows include stations like Q20A, Q19A, GLAT, Q16A, SMC0, CBKS, etc.

Table with columns: SJG, comp-Z, time, elevation, status, and other data. Rows include stations like SJG, JLU, N20A, N23A, M20A, etc.

Table with columns: PLCA, comp-Z, time, elevation, status, and other data. Rows include stations like PLCA, J20A, J22A, BLA, etc.

JFWS		MLR	MLR	TRQA	LR	LR	ACCN	Adirondack Comp	56.10	28	eP	P	01 50 41.4	0.0
H14A	Leadore	49.59 353	↑P	P	01 49 53.2	+0.1	SSPA	Standing Stone	52.00	27	eP	P	01 50 09.7	-1.7
HUMO	Hull Mountain	49.59 344	eP	P	01 49 52.8	-0.4	D14A	Greengrove	52.03 353	↓P	P	01 50 10.9	-0.7	
HUMO				LR			D13A	Huson	52.16 353	↓P	P	01 50 11.6	-0.9	
KLBT	Earthquake Lak	49.60 355	eP	P	01 49 53.7	+0.5	E09A	Wood Farm, Sta	52.17 349	↓P	P	01 50 12.0	-0.6	
Q50	Bosley Butte	49.60 342	eP	P	01 49 54.3	+1.2	SLMT	Seelye Lake	52.19 354	eP	P	01 50 11.8	-1.0	
H13A	Challis	49.65 352	↓P	P	01 49 54.1	+0.4	HEBO	Mount Hebo	52.22 344	eP	P	01 50 15.4	+2.5	
H12A	Diamond Danc	49.72 352	↓P	P	01 49 54.2	0.0	D12A	Red Ves Fore	52.24 352	↑P	P	01 50 12.4	-0.7	
RLMT	Red Lodge	49.73 357	↑P	P	01 49 53.9	-0.4	C20A	Veseth Ranch,	52.27 358	↑P	P	01 50 12.7	-0.6	
RLMT	Red Lodge	49.73 357	eP	P	01 49 52.8	-1.5	C22A	Vida	52.27	0	↑P	P	01 50 13.1	-0.2
RLMT				LR			ERPA	Erie	52.30	24	PFAKE	LR	01 50 20.0	+6.3
MCMT	McKenzie Canyo	49.74 354	eP	P	01 49 53.7	-0.6	HAWA	Hawford	52.32 348	eP	P	01 50 13.2	-0.6	
G21A	Lodge Grass	49.76 359	↑P	P	01 49 54.0	-0.5	HAWA				LR	LR		
G20A	Bridger	49.79 358	↑P	P	01 49 53.8	-0.9	C17A	Wharram Farm,	52.33 356	↓P	P	01 50 13.2	-0.6	
G18A	Lazy EL Ranch,	49.95 357	↓P	P	01 49 55.6	-0.3	C19A	Slack Wire Ran	52.33 357	P	P	01 50 13.3	-0.4	
G16A	Moss Hill, Enn	50.03 355	↓P	P	01 49 56.6	+0.1	C23A	Lambert	52.33	1	↑P	P	01 50 13.4	-0.3
G17A	Pierce Place,	50.03 356	↓P	P	01 49 57.1	+0.6	RSW	Rattlesnake Hi	52.34 348	eP	P	01 50 14.1	+0.3	
G15A	Dillon	50.03 354	↓P	P	01 49 56.3	-0.3	SWMT	Swartz Lake	52.35 353	eP	P	01 50 13.7	-1.4	
I07A	Izee	50.11 347	↑P	P	01 49 57.8	+0.6	C16A	Fuhringer Ranc	52.57 355	↑P	P	01 50 15.1	-0.5	
G13A	Cobalt	50.17 352	↓P	P	01 49 57.5	-0.1	C15A	Salmon Ranch,	52.62 354	P	P	01 50 15.4	-0.5	
G14A	Jackson	50.22 353	↓P	P	01 49 57.8	-0.1	EGMT	Aggleton	52.66 357	eP	P	01 50 15.4	-0.8	
KEBM	Edson Butte	50.23 342	eP	P	01 49 58.6	+0.5	EGMT				LR	LR		
DLMT	Dillon	50.24 354	eP	P	01 49 57.6	-0.5	C14A	Swan Lake	52.74 353	↑P	P	01 50 16.6	-0.2	
CBN	Corbin	50.29 321	eP	P	01 49 59.5	+0.7	C13A	Hot Springs	52.75 353	↑P	P	01 50 16.6	-0.2	
CBN				LR			JTMT	Jette	52.78 353	eP	P	01 50 16.0	-1.1	
MCWV	Mont Chateau	50.23 26	eP	P	01 50 00.5	+1.6	COWI	Conover	52.80 15	eP	P	01 50 16.6	-0.6	
MCWV				LR			COWI				LR	LR		
F20A	Billings	50.36 358	↓P	P	01 49 58.4	-0.7	B22A	Redd Ranch S	52.83 360	↑P	P	01 50 16.9	-0.6	
GCMT	Greycliff	50.42 357	eP	P	01 49 58.1	-1.4	D08A	Wollman Farm,	52.84 349	↓P	P	01 50 17.4	-0.2	
BOZ	Bozeman (W)	50.42 355	↑P	P	01 49 58.6	-0.9	YBMT	Yellow Bay	52.86 353	eP	P	01 50 16.9	-0.8	
BOZ	Bozeman (W)	50.42 355	eP	P	01 49 58.4	-1.1	GLMI	Grayling	52.94 19	eP	P	01 50 16.2	-2.1	
BOZ				LR			GLMI				LR	LR		
BOZ	Bozeman (W)	50.42 355	eP	P	01 49 58.4	-1.1	BSMT	Bassoo Peak	52.95 353	eP	P	01 50 17.6	-0.8	
BOZ	Bozeman (W)	50.42 355	eP	P	01 49 58.4	-1.1	B17A	Big Farms, Che	52.99 356	↑P	P	01 50 18.7	+0.1	
BOZ				MLR			DGMT	Dagmar	53.02	1	eP	P	01 50 17.7	-1.2
BOZ				MLR			DGMT				LR	LR		
F19A	Roth Farm, Mol	50.45 357	↓P	P	01 49 58.1	-1.6	BLMT	Blacktail Mtn	53.05 353	eP	P	01 50 18.5	-0.6	
F18A	Big Timber	50.54 357	↑P	P	01 49 59.0	-1.3	OD2	Odessa Site #2	53.12 349	eP	P	01 50 18.5	-1.1	
F16A	Kennard Place,	50.56 355	↓P	P	01 50 00.3	-0.3	C11A	Teepe Creek (N	53.14 351	↓P	P	01 50 19.1	-0.7	
F17A	Fitzpatrick Pl	50.60 356	↑P	P	01 50 00.7	-0.2	B15A	Bradely Ranch,	53.15 355	↓P	P	01 50 19.7	-0.1	
LCCM	Lewis and Clea	50.64 355	P	P	01 50 00.0	-1.1	LON	Longmire	53.16 346	eP	P	01 50 19.3	-0.6	
LRCM	Limekiln Ridge	50.68 354	eP	P	01 50 00.6	-0.8	LON	Longmire	53.16 346	eP	P	01 50 19.3	-0.6	
F15A	Butte	50.70 354	P	P	01 50 01.4	-0.2	B16A	N & M Farms, S	53.18 355	↓P	P	01 50 19.9	-0.1	
VIPM	Ingram Point	50.77 347	P	P	01 50 02.3	+0.1	B14A	Marquette Ranc	53.27 354	↑P	P	01 50 21.1	+0.3	
VIPM	Ingram Point	50.77 347	P	P	01 50 02.3	+0.2	B13A	Whitfish	53.42 353	↓P	P	01 50 21.8	0.0	
F14A	Wisdom	50.77 353	↓P	P	01 50 02.1	0.0	C09A	Chrisman Ranch	53.43 350	↓P	P	01 50 21.9	0.0	
F13A	Darby	50.86 352	↑P	P	01 50 01.9	-0.9	A24A	Westby	53.48	2	↑P	P	01 50 21.8	-0.4
F12A	Elk City	50.96 352	↑P	P	01 50 02.9	-0.6	A19A	Klindworth Far	53.51 358	↑P	P	01 50 22.1	-0.3	
BROR	Big Rock Looko	50.99 345	P	P	01 50 03.3	-0.5	A22A	Carney Farms,	53.52	0	↑P	P	01 50 22.3	-0.3
AAM	Ann Arbor	51.05 21	PFAKE	P	01 50 10.0	+5.8	A21A	Bergtoll Ranch	53.52 359	↑P	P	01 50 22.5	-0.1	
AAM				LR			A18A	Metzger Ranch,	53.55 357	↓P	P	01 50 21.9	-0.9	
A19A	Rath Farm, Rou	51.05 358	↓P	P	01 50 03.3	-0.9	AGMN	Agassiz Naton	53.57	8	eP	P	01 50 21.5	-1.4
E20A	Meyer Farm, Mu	51.06 358	↓P	P	01 50 03.8	-0.5	AGMN				LR	LR		
G08A	Pilot Rock	51.15 348	↑P	P	01 50 05.5	+0.5	D05A	Ennumclaw	53.61 346	↑P	P	01 50 23.9	+0.6	
CPUP	Villa Florida	51.16 120	P	P	01 50 07.3	+1.8	A17A	Triple J Farms	53.63 356	P	P	01 50 22.8	-0.5	
CPUP				LR			ETW	Entiat	53.64 348	eP	P	01 50 23.1	-0.3	
CPUP				MLR			NEW	Newport	53.69 351	↑P	P	01 50 23.1	-0.6	
E17A	Martindale	51.17 356	↓P	P	01 50 04.6	-0.5	NEW	Newport	53.69 351	eP	P	01 50 22.4	-1.4	
E18A	Harlowton	51.21 357	↑P	P	01 50 04.8	-0.7	NEW	Newport	53.69 351	eP	P	01 50 22.4	-1.4	
LAO	LASA Array	51.22 360	eP	P	01 50 04.0	-1.5	NEW	Newport	53.69 351	eP	P	01 50 22.4	-1.4	
LAO				LR			NEW				MLR	MLR		
E15A	Deer Lodge	51.29 354	↓P	P	01 50 05.4	-0.6	NEW	Newport	53.69 351	eP	P	01 50 22.4	-1.4	
CR0A	Criterion Ridg	51.30 346	P	P	01 50 06.2	+0.1	NEW				MLR	MLR		
E16A	East Helena	51.31 355	↓P	P	01 50 05.6	-0.6	A16A	West Butte Ran	53.70 355	↓P	P	01 50 23.2	-0.6	
E14A	Clinton	51.38 353	↓P	P	01 50 06.6	-0.1	A15A	Johnson Ranch,	53.83 354	↑P	P	01 50 23.6	-1.2	
G06A	Carlson Farm,	51.46 347	↑P	P	01 50 07.1	-0.2	BBSR	BB Station	53.85 44	eP	P	01 50 25.8	+0.5	
F10A	Beach Ranch, E	51.48 350	↑P	P	01 50 08.5	+1.0	BBSR				LR	LR		
E13A	Victor	51.49 353	↑P	P	01 50 08.0	+0.5	A14A	Double T Ranch	53.89 354	↓P	P	01 50 25.1	-0.2	
HRY	Holter Researc	51.50 355	eP	P	01 50 06.4	-1.2	EYMN	Ely	54.00 12	eP	P	01 50 25.1	-0.9	
COR	Corvallis	51.52 344	eP	P	01 50 06.8	-1.0	EYMN				LR	LR		
COR	Corvallis	51.52 344	eP	P	01 50 06.8	-0.9	WALA	Waterton Lakes	54.03 354	eP	P	01 50 25.9	-0.3	
SDMD	Soldier's Dell	51.52 29	eP	P	01 50 07.5	-0.4	BINY	Binghamton	54.11 27	eP	P	01 50 27.1	+0.1	
LNOR	Linton Mounta	51.58 349	eP	P	01 50 08.5	+0.3	BINY				LR	LR		
LNOR	Linton Mounta	51.58 349	eP	P	01 50 08.5	+0.3	B0W	Green Mountain	54.16 346	eP	P	01 50 26.2	-1.1	
D21A	La Casta Ranch	51.60 359	↑P	P	01 50 08.3	0.0	GNW	Colville Reser	54.16 349	↑P	P	01 50 26.3	-0.9	
E12A	Beaver Dam Sad	51.65 352	↓P	P	01 50 07.8	-0.9	PAL	Palisades	54.17 30	eP	P	01 50 27.5	0.0	
D20A	Manuel Ranch,	51.65 358	↓P	P	01 50 07.7	-1.0	PAL	Palisades	54.17 30	eP	P	01 50 27.5	0.0	
D22A	Cohagen	51.68 360	↓P	P	01 50 08.7	-0.2	PAL				MLR	MLR		
D19A	Cripps Ranch,	51.75 357	↑P	P	01 50 08.6	-0.8	NLWA	Neilton Lookoo	54.26 345	eP	P	01 50 27.9	-0.1	
HOOD	Mount Hood Mea	51.78 346	eP	P	01 50 09.7	0.0	NLWA				LR	LR		
D16A	Dana Ranch, Ca	51.79 355	↑P	P	01 50 09.6	-0.2	POHA	Pohakuloa	54.45 298	PFAKE	LR	LR	01 50 40.0	+1.0
MSO	Missoula	51.84 353	↑P	P	01 50 11.0	+0.9	POHA				LR	LR		
MSO	Missoula	51.84 353	eP	P	01 50 10.0	-0.1	JCW	Jim Cook	54.45 347	eP	P	01 50 29.2	-0.8	
MSO				LR			RAR	Rarotonga	54.62 247	LR	LR	02 07 41.3		
CHMT	Chamberlain Mo	51.84 354	eP	P	01 50 09.2	-0.9	RAR	Rarotonga	54.62 247	PFAKE	LR	LR	01 50 40.0	+8.8
D17A	Six Diamond Ra	51.84 356	↓P	P	01 50 09.7	-0.5	PGC	Sidney	55.33 346	eP	P	01 50 35.7	0.0	
XMAS	Kiritimati	51.85 276	PFAKE	LR	01 50 20.0	+9.1	ULM	Lac du Bonnet	55.47	8	P	01 50 35.		











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

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

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

10C 02:42:41.5i, 1.5, 3:36S:80:45W, h0km, mb3.5/3, mb1 3.9/5, mb1mx3.6/20, mbmp3.6/5, ML3.7/2, MS3.9/1, Ms1 3.9/1, ms1mx3.2/22, Error ellipse: s-maj=73.5km s-min=22.1km az=55.0









Table with columns for station name, frequency, mode, and signal strength. Includes stations like YUK, JHR, JAR, JFR, UGL, NEM, KUR, JAK, JCH, JSK, JEW, JNBK, ERM, JKB, TYV, JOSM, TEY, JOT.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JANG, HABR, GRNR, NKL, JAW, KLR, VLA, JNS, SKR, JKS, ZEA, JHM, SNY, JFU, JNU, INCN, SEY, YAK, JKB, TYV, JOT.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JKT, MDJ, JAG, MAJO, MJAR, MJAR, JGF, PEA0B, PETK, PETK, PET, PET, PET, ZEA, CN2, JHJ, JHJ, KROS, KROS, JGT, JAI, KRSR, KRSR, KRSR, JHM, SNY, JFU, JNU, INCN, SEY, YAK, JKB, TYV, JOT.





CTA	Charters Tower	65.91 177	eP	P	09 40 10.0 -1.3
CTAO	Charters Tower	65.91 177	eP	P	09 40 10.4 -0.9
CTAO	Charters Tower	65.91 177	eP	P	09 40 10.4 -0.9
CTAO	Charters Tower	65.91 177	eP	P	09 40 11.0 -0.3
A18A	Netzger Ranch	65.92 44	P	P	09 40 10.6 -0.5
MICGM	Minsk	65.94 325	eP	P	09 40 09.0 -2.1
MNKC	Minsk	65.95 325	eP	P	09 40 09.0 -2.2
IIGN	Ignalina	65.97 326	eP	AMB	09 40 10.6 -0.6
IIGN	Ignalina	65.97 326	eP	AMB	09 40 11.8
PALK	Pallekele	66.05 255	iP	P	09 40 14.0 +1.6
E15A	Deer Lodge	66.22 47	P	P	09 40 13.1 +0.1
WB2	Warramunga Arr	66.24 189	eP	P	09 40 13.0 -0.3
WRA	Warramunga Arr	66.24 189	eP	P	09 40 13.2 -0.1
WRA	Warramunga Arr	66.24 189	eP	P	09 41 25.8 -1.2
WRA	Warramunga Arr	66.24 189	eP	P	10 08 43.4
WRA	Warramunga Arr	66.24 189	eP	P	09 40 13.2 -0.2
WRA	Warramunga Arr	66.24 189	eP	P	09 41 25.8 -1.1
F14A	Wisdom	66.26 48	P	P	09 40 13.1 -0.2
KIV	Kislovodsk	66.27 309	eP	P	09 40 14.0 +0.6
KIV	Kislovodsk	66.27 309	eP	P	09 40 14.1 +0.7
KIV	Kislovodsk	66.27 309	eP	P	09 42 00.6 -2.3
KIV	Kislovodsk	66.27 309	eP	P	09 48 37.2 +2.1
KIV	Kislovodsk	66.27 309	eP	P	09 40 14.5 +1.1
KIV	Kislovodsk	66.27 309	eP	P	09 40 14.8 +1.4
G13A	Cobalt	66.29 49	↑P	P	09 40 12.9 -0.7
B18A	Beardsley Farm	66.31 44	P	P	09 40 13.3 -0.2
H12A	Diamond D Ranch	66.33 50	P	P	09 40 13.6 -0.2
C17A	Wharram Farm	66.35 45	P	P	09 40 13.3 -0.6
D16A	Dana Ranch, Ca	66.37 46	↑P	P	09 40 14.1 +0.1
ZEI	Tsey	66.39 308	eP	P	09 40 13.2 -1.0
A19A	Klindworth Far	66.44 43	P	P	09 40 14.3 0.0
HRY	Holter Researc	66.44 47	eP	P	09 40 14.7 +0.3
DGRG	David Arari	66.44 306	P	P	09 40 14.5 0.0
NB2	NORSAR Subarra	66.46 337	P	P	09 40 13.2 -1.1
NOA	NORSAR Array B	66.46 337	P	P	09 40 13.4 -0.9
NOA	NORSAR Array B	66.46 337	P	P	09 41 26.7 -1.1
NOA	NORSAR Array B	66.46 337	P	P	09 41 26.7 -1.1
HFS	Hagfors	66.50 335	P	P	09 40 13.1 -1.5
HFS	Hagfors	66.50 335	P	P	09 40 13.1 -1.5
HFS	Hagfors	66.50 335	P	P	09 40 13.1 -1.5
EGMT	Eagleton	66.58 44	↑P	P	09 40 15.3 0.0
EGMT	Eagleton	66.58 44	↑P	P	09 40 14.6 -0.6
G14A	Jackson	66.60 49	↑P	P	09 40 14.7 -0.7
MTA	Mtatsminda	66.61 306	P	P	09 40 16.7 +1.1
TBLG	Delisi	66.62 306	P	P	09 40 16.8 +1.2
TBLG	Delisi	66.62 306	P	P	09 40 16.8 +1.2
H13A	Challis	66.64 50	↑P	P	09 40 15.3 -0.4
E16A	East Helena	66.64 47	P	P	09 40 15.8 +0.1
B19A	Brinkman Farms	66.67 44	P	P	09 40 15.7 -0.1
I12A	Attant	66.68 51	P	P	09 40 16.1 +0.1
F15A	Butte	66.69 48	P	P	09 40 16.1 +0.1
D17A	Six Diamond Ra	66.71 46	P	P	09 40 16.0 -0.1
SFJD	Kangerlussuaq	66.73 6	eP	P	09 40 14.2 -1.7
SFJD	Kangerlussuaq	66.73 6	eP	P	09 40 14.3 -1.6
GOR	Gori	66.80 307	P	P	09 40 18.0 +1.2
A20A	Cobblestone Ra	66.86 43	↑P	P	09 40 17.0 -0.1
DLMT	Dillon	66.97 48	eP	P	09 40 17.9 +0.1
PAHR	Pah Rah Range	67.03 56	eP	P	09 40 18.1 -0.2
H14A	Leadore Canyon	67.07 49	↑P	P	09 40 17.9 -0.5
WCN	Washoe City	67.08 57	P	P	09 40 19.0 +0.5
WCN	Washoe City	67.08 57	eP	P	09 40 18.9 +0.3
WCN	Washoe City	67.08 57	eP	P	09 40 18.9 +0.3
WCN	Washoe City	67.08 57	eP	P	09 40 19.0 +0.4
C19A	Slack Wire Ran	67.12 44	P	P	09 40 18.8 +0.2
D18A	Linhart Farms	67.12 45	↑P	P	09 40 18.9 +0.2
B20A	Solberg Farm	67.12 43	↑P	P	09 40 18.5 -0.2
I13A	Wildhorse Cree	67.15 50	↑P	P	09 40 19.5 +0.6
G15A	Dillon	67.16 48	P	P	09 40 19.0 +0.1
F16A	Kenard Place	67.18 47	P	P	09 40 18.9 -0.1
MCMT	McKenzie Canyo	67.20 49	eP	P	09 40 18.9 -0.3
HLID	Hailey	67.23 50	P	P	09 40 19.9 +0.5
HLID	Hailey	67.23 50	P	P	09 40 19.6 +0.2
A21A	Bergtoll Ranch	67.25 42	↑P	P	09 40 19.5 +0.1
BOZ	Bozeman (W)	67.27 47	↑P	P	09 40 19.9 +0.3
BOZ	Bozeman (W)	67.27 47	eP	P	09 40 19.7 +0.1
BOZ	Bozeman (W)	67.27 47	eP	P	09 40 19.7 +0.1
H15A	Lima	67.45 49	↑P	P	09 40 20.5 -0.3
G16A	Cove Ranch, Pi	67.47 50	P	P	09 40 21.4 +0.6
J13A	Moss Hill, Enn	67.47 48	P	P	09 40 20.6 -0.3
I14A	MacKay	67.49 50	↑P	P	09 40 21.3 +0.3
E18A	Harlowton	67.50 46	↑P	P	09 40 21.5 +0.4
CMB	Columbia Colle	67.54 58	eP	P	09 40 21.1 -0.3
CMB	Columbia Colle	67.54 58	eP	P	09 40 21.1 -0.4

CMB	comp-Z,50nm,1.0s,mb5.2				
F17A	Fitzpatrick PJ	67.58 47	↑P	P	09 40 22.0 +0.4
D19A	Cripps Ranch	67.60 45	P	P	09 40 21.6 0.0
B21A	Ellsworth Farm	67.61 43	P	P	09 40 21.7 0.0
C20A	Veseth Ranch	67.64 44	P	P	09 40 21.8 -0.1
GNI	Garni	67.67 305	P	P	09 40 23.8 +1.6
GNI	Garni	67.67 305	P	P	09 40 23.6 +1.4
GNI	Garni	67.67 305	P	P	09 40 24.3 +2.1
A22A	Carney Farms	67.72 42	↑P	P	09 40 22.1 -0.3
SAO	San Andreas Ge	67.75 60	eP	P	09 40 22.0 -0.8
SAO	San Andreas Ge	67.75 60	eP	P	09 40 22.0 -0.8
BMN	Battle Mountai	67.78 54	eP	P	09 40 23.2 +0.3
BMN	Battle Mountai	67.78 54	eP	P	09 40 23.2 +0.3
WAKR	Walker	67.79 57	eP	P	09 40 23.2 +0.2
J14A	Carey	67.87 50	↑P	P	09 40 24.4 +1.0
QLMT	Earthquake Lak	67.93 48	eP	P	09 40 24.0 +0.3
G17A	Pierce Place	67.95 47	↑P	P	09 40 24.5 +0.6
I15A	Montevieu	67.95 49	↑P	P	09 40 24.2 +0.3
C21A	Desert Coulee	68.00 43	P	P	09 40 23.9 -0.2
D20A	Manuel Ranch	68.01 44	P	P	09 40 24.3 +0.1
F18A	Big Timber	68.06 46	P	P	09 40 24.8 +0.2
SOC	Sochi	68.11 310	d/P	P	09 40 24.7 -0.2
SOC	Sochi	68.11 310	d/P	P	09 41 42.5 +3.7
SOC	Sochi	68.11 310	d/P	P	09 42 09.9 -4.8
SOC	Sochi	68.11 310	d/P	P	09 48 58.1 +1.2
SOC	Sochi	68.11 310	d/P	P	09 53 29.1 +3.2
H16A	Russell Place	68.11 48	P	P	09 40 25.2 +0.3
E19A	Rath Farm, Rou	68.14 45	P	P	09 40 25.3 +0.3
SUW	Suwalki	68.14 327	eP	P	09 40 24.2 -0.7
SUW	Suwalki	68.14 327	eP	P	09 40 24.2 -0.7
AKASG	Main Array Be	68.14 321	eP	P	09 40 24.0 -1.0
AKASG	Main Array Be	68.14 321	eP	P	09 41 39.1 +0.2
AKASG	Main Array Be	68.14 321	eP	P	09 48 55.1 -1.9
AKASG	Main Array Be	68.14 321	eP	P	09 40 24.0 -1.0
AKASG	Main Array Be	68.14 321	eP	P	09 41 39.1 +0.2
AKASG	Main Array Be	68.14 321	eP	P	09 48 55.1 -1.9
KIEV	Kiev	68.16 321	eP	P	09 40 23.7 -1.3
KIEV	Kiev	68.16 321	eP	P	09 41 38.6 -0.3
KIEV	Kiev	68.16 321	eP	P	09 40 23.7 -1.3
KIEV	Kiev	68.16 321	eP	P	09 41 38.6 -0.4
GCMT	Greycliff	68.16 42	eP	P	09 40 25.5 +0.3
B22A	Reddig Ranch	68.18 42	P	P	09 40 25.1 -0.2
A23A	Redstone	68.23 41	↑P	P	09 40 25.3 -0.2
YMR	Madison River	68.28 48	eP	P	09 40 26.2 +0.3
J15A	Blackfoot	68.30 50	P	P	09 40 27.3 +0.7
YNR	Norris Junctio	68.40 48	eP	P	09 40 27.7 +1.1
E20A	Meyer Farm, Mu	68.43 45	↑P	P	09 40 27.1 +0.3
ANN	Anapa	68.46 313	eP	P	09 40 25.8 -1.2
ANN	Anapa	68.46 313	eP	P	09 41 38.4 -2.6
ANN	Anapa	68.46 313	eP	P	09 48 59.6 -1.3
F19A	Rot Farm, Mol	68.48 46	↑P	P	09 40 27.2 +0.1
YFT	Old Faithful	68.50 48	eP	P	09 40 28.7 +1.5
NVAR	Mina Array Be	68.50 57	P	P	09 40 27.6 +0.2
NVAR	Mina Array Be	68.50 57	P	P	09 41 42.4 +1.0
NVAR	Mina Array Be	68.50 57	P	P	09 42 13.1 -4.2
B23A	Brocton	68.53 42	↑P	P	09 40 27.1 -0.3
G18A	Lazy EL Ranch	68.55 46	↑P	P	09 40 27.3 -0.2
I16A	Newdale	68.56 49	P	P	09 40 28.5 +0.9
K14A	Jones Ranch, D	68.58 51	P	P	09 40 28.3 +0.5
D21A	La Casa Ranch	68.58 44	↑P	P	09 40 27.7 0.0
C22A	Vida	68.63 43	↑P	P	09 40 27.5 -0.5
LKWY	Lake	68.65 48	eP	P	09 40 29.1 +1.0
LKWY	Lake	68.65 48	eP	P	09 40 29.1 +0.9
LKWY	Lake	68.65 48	eP	P	09 40 27.9 -0.2
A24A	Westby	68.65 41	↑P	P	09 40 30.2 +1.9
H17A	Grant Village	68.67 48	P	P	09 40 29.9 +0.7
FLWY	Flagg Ranch	68.83 48	eP	P	09 40 30.0 +0.7
IMW	Indian Meadow	68.83 48	eP	P	09 40 30.0 +0.7
K15A	Arbon	68.83 50	P	P	09 40 30.4 +1.0
RLMT	Red Lodge	68.83 46	↑P	P	09 40 29.8 +0.5
RLMT	Red Lodge	68.83 46	↑P	P	09 40 29.3 0.0
DGMT	Dagmar	68.89 41	P	P	09 40 29.2 -0.4
DGMT	Dagmar	68.89 41	P	P	09 40 29.1 -0.5
L14A	Maita	68.90 51	P	P	09 40 30.5 +0.8
J16A	Bone	68.91 49	P	P	09 40 29.6 -0.2
D22A	Cohagen	68.91 43	↑P	P	09 40 30.7 +0.8
DC1D1	Drake Cree	68.91 49	eP	P	09 40 29.8 0.0
F20A	Billings	68.92 45	↑P	P	09 40 29.7 -0.1
C23A	Lambert	68.92 42	↑P	P	09 40 30.2 +0.4
E21A	Keefe Ranch	68.92 44	↑P	P	09 40 30.1 +0.2
H18A	Shoshone NF, C	68.94 47	P	P	09 40 32.0 +1.6
I17A	Pilgrim Ck	69.00 48	P	P	09 40 31.2 +0.7
RR12	Red Ridge	69.02 49	eP	P	09 40 31.0 +0.4
MOOW	Moose Ponds	69.04 48	eP	P	09 40 31.9 +0.9
TPAW	Teton Pass	69.11 49	eP	P	09 40 31.9 +0.9

LOHW	Long Hollow	69.20 48	eP	P	09 40 32.2 +0.5
LAO	LASA Array	69.22 44	P	P	09 40 31.8 +0.2
LAO	LASA Array	69.22 44	eP	P	09 40 31.7 0.0





MEM	Membach	76.91 334	P	P	09 41 16.2 +0.1
216A	Three Points	76.99 57	P	P	09 41 17.4 +0.4
117A	Orest	77.00 57	P	P	09 41 17.4 +0.4
VTS	Vitosh	77.00 319	iP	P	09 41 17.6 +0.7
VTS	Vitosh	77.00 319	iP	P	09 41 17.6 +0.7
RJOB	Jochberg	77.09 328	eP	P	09 41 18.0 +0.7
SOKA	Soboth	77.13 326	iP	P	09 41 18.0 +0.5
PERS	Pernice	77.14 326	iP	P	09 41 17.8 +0.3
T25A	Trinidad	77.15 49	P	P	09 41 17.9 +0.1
TUC	Tucson	77.16 57	eP	P	09 41 17.9 -0.1
TUC	Tucson	77.16 57	eP	P	09 41 17.9 0.0
TUC	Tucson	77.16 57	eP	P	09 41 17.9 0.0
COWI	Conover	77.19 35	eP	P	09 41 16.1 -1.7
U24A	Moreno Valley	77.23 50	P	P	09 41 19.3 +1.0
V23A	Ortiz Mt. (NFS)	77.23 51	P	P	09 41 19.6 +1.3
BCLA	Clavier	77.29 334	P	P	09 41 18.2 -0.1
B21A	Alamocita Cree	77.31 53	P	P	09 41 19.9 +1.2
Z19A	T-Link Ranch	77.32 55	iP	P	09 41 19.7 +0.9
W22A	Albuquerque	77.36 52	iP	P	09 41 20.3 +1.3
RUP	Ruppelstein	77.37 333	eP	P	09 41 18.9 +0.1
RUP	Ruppelstein	77.37 333	eP	P	09 41 18.9 +0.1
Y20A	Home Springs	77.37 54	iP	P	09 41 20.3 +1.2
118A	Hornack Ranch	77.39 56	P	P	09 41 19.6 +0.4
KBA	Koelbrenspres	77.44 328	iP	P	09 41 19.8 +0.6
OBKA	Obit	77.46 327	iP	P	09 41 19.4 +0.1
217A	Green Valley	77.53 57	iP	P	09 41 20.4 +0.5
STKA	Stevens Creek	77.62 182	P	P	09 41 20.8 +0.7
STKA	Stevens Creek	77.62 182	P	P	09 41 20.8 +0.6
ANMO	Albuquerque	77.67 52	eP	P	09 41 21.3 +0.5
ANMO	Albuquerque	77.67 52	eP	P	09 41 21.3 +0.6
ANMO	Albuquerque	77.67 52	eP	P	09 41 21.3 +0.6
119A	Ashpeak Ranch	77.68 55	iP	P	09 41 21.3 +0.5
W23A	Werner Place	77.69 52	P	P	09 41 21.7 +0.9
Y21A	Point of Rocks	77.69 54	P	P	09 41 22.1 +1.3
X22A	Bernardo	77.70 53	iP	P	09 41 22.3 +1.4
LAZ	Ladron	77.70 53	eP	P	09 41 21.5 +0.6
U25A	Circle Dot Ran	77.70 50	P	P	09 41 20.8 0.0
MYKA	Terra Mystica	77.70 327	iP	P	09 41 20.6 0.0
G1VF	Givet	77.71 334	iP	P	09 41 20.5 -0.1
G1VF	Givet	77.71 334	iP	P	09 41 20.5 -0.1
G1VF	Givet	77.71 334	iP	P	09 41 20.5 -0.1
CSS	Prodhromos	77.73 308	eP	P	09 41 20.9 -0.1
V24A	Rampart Ranch	77.74 51	P	P	09 41 22.0 +0.9
LANF	Langenberg	77.75 332	eP	P	09 41 21.1 +0.2
LANF	Langenberg	77.75 332	eP	P	09 41 21.1 +0.2
ASF	Jabal al Asfar	77.77 304	P	P	09 41 22.8 +1.5
ASF	Jabal al Asfar	77.77 304	P	P	09 41 22.8 +1.5
ASF	Jabal al Asfar	77.77 304	P	P	09 41 22.8 +1.5
FORT	Forrest	77.77 194	eP	P	09 41 21.4 +0.3
FORT	Forrest	77.77 194	eP	P	09 41 21.5 +0.4
218A	Dragon	77.78 56	P	P	09 41 22.4 +0.8
Z20A	Nine Sixteen R	77.83 55	P	P	09 41 22.6 +0.9
WATA	Walderalm	77.87 329	iP	P	09 41 22.2 +0.6
WTTA	Wattengen	77.91 329	iP	P	09 41 22.5 +0.7
VISS	Visnje	77.93 326	iP	P	09 41 21.7 -0.2
LENM	Lemitar	77.97 53	eP	P	09 41 22.7 +0.4
MMAI	Mount Meron Ar	78.00 305	P	P	09 41 23.3 +0.7
V25A	Rancho No Teng	78.01 50	iP	P	09 41 22.9 +0.3
BOJS	Bojanci	78.02 326	iP	P	09 41 22.3 -0.2
ABTA	Abfaltersbach	78.03 328	iP	P	09 41 22.0 -0.4
MOTA	Moosalm	78.03 329	iP	P	09 41 23.1 +0.6
RETA	Reutte	78.03 329	iP	P	09 41 23.0 +0.6
LPM	Los Pinos Moun	78.05 53	eP	P	09 41 23.1 +0.3
W24A	Lazy F Ranch	78.05 51	iP	P	09 41 23.8 +1.0
U26A	Atchley Ranch	78.06 50	P	P	09 41 22.6 -0.2
X23A	Houless Bar	78.09 52	P	P	09 41 23.9 +0.8
Y22A	Socorro	78.14 53	iP	P	09 41 24.0 +0.7
BFO	Black Forest	78.14 331	eP	P	09 41 23.0 0.0
BFO	Black Forest	78.14 331	eP	P	09 42 40.5 +1.3
BFO	Black Forest	78.14 331	eP	P	09 41 23.0 0.0
BFO	Black Forest	78.14 331	eP	P	09 42 40.5 +1.3
BFO	Black Forest	78.14 331	eP	P	09 42 40.5 +1.3
JAVS	Javornik	78.16 327	iP	P	09 41 22.4 -0.7
BNM	Barren Site	78.17 53	eP	P	09 41 23.9 +0.5
SPAK	Spaichingen-Ko	78.19 331	eP	P	09 41 24.1 +0.8
Z21A	St. Cloud Mine	78.21 54	P	P	09 41 24.8 +1.1
120A	U Bar Ranch, L	78.23 55	iP	P	09 41 24.6 +0.8
318A	Bisbee	78.25 57	P	P	09 41 24.2 +0.2
CBKS	Cedar Bluff	78.27 45	iP	P	09 41 22.8 -1.2
CBKS	Cedar Bluff	78.27 45	eP	P	09 41 22.4 -1.5
CBKS	Cedar Bluff	78.27 45	eP	P	09 41 22.4 -1.5
219A	White Tail Can	78.27 56	P	P	09 41 24.4 +0.4
CDF	Champ du Feu	78.42 332	iP	P	09 41 24.8 +0.2
CDF	Champ du Feu	78.42 332	iP	P	09 41 24.8 +0.2
CDF	Champ du Feu	78.42 332	iP	P	09 41 24.8 +0.2
FETA	Feichten	78.44 329	iP	P	09 41 25.3 +0.6
V26A	Tequesquite Ra	78.49 50	iP	P	09 41 24.8 -0.4
DAVA	Damuels	78.51 330	iP	P	09 41 25.5 +0.4
X24A	Lazy VL Ranch	78.52 52	iP	P	09 41 26.3 +1.0
W25A	X Bar L Ranch	78.56 51	iP	P	09 41 26.0 +0.4

baz=78,SNR=83					
ECH	Echery	78.63 332	eP	P	09 41 25.6 -0.1
ECH	Echery	78.63 332	eP	P	09 41 25.6 -0.1
FELD	Feldberg im Sc	78.65 331	eP	P	09 41 25.8 0.0
Z22A	Elephant Butte	78.65 54	P	P	09 41 26.5 +0.4
Y23A	Lovelace Mesa,	78.65 53	iP	P	09 41 26.8 +0.8
319A	Douglas	78.72 56	iP	P	09 41 27.0 +0.5
Capitan	Capitan	78.71 55	P	P	09 41 26.9 +0.5
220A	Cookes Peak,D	78.76 52	P	P	09 41 26.9 +0.5
220A	Playas Peak,P	78.76 56	P	P	09 41 27.2 +0.5
SCIA	State Center	78.89 39	eP	P	09 41 26.2 -1.1
DAVOX	Davos/Dischmat	78.95 330	P	P	09 41 28.3 +0.9
DAVOX	Davos/Dischmat	78.95 330	P	P	09 41 28.3 +0.9
MOF	Molkenrain	78.96 332	eP	P	09 41 27.1 -0.4
MOF	Molkenrain	78.96 332	eP	P	09 41 27.1 -0.4
X25A	Clemmons Ranch	78.97 51	P	P	09 41 28.3 +0.5
Y24A	Capitan	79.00 52	P	P	09 41 28.4 +0.5
THEF	They Montfort	79.00 333	eP	P	09 41 27.5 -0.2
THEF	They Montfort	79.00 333	eP	P	09 41 27.5 -0.2
W26A	Owens Ranch, T	79.03 50	P	P	09 41 28.7 +0.6
122A	Conniff Cattle	79.04 54	iP	P	09 41 29.2 +1.0
Z23A	Rita Site, Whi	79.05 53	iP	P	09 41 28.8 +0.5
MEZF	Mazieres J vi	79.06 333	iP	P	09 41 28.3 +0.9
HAU	Haudompre	79.08 332	iP	P	09 41 28.1 0.0
HAU	Haudompre	79.08 332	iP	P	09 41 28.1 0.0
HAU	Haudompre	79.08 332	iP	P	09 41 28.1 0.0
HINP	Hinteralfeld	79.08 332	iP	P	09 41 27.9 -0.2
HINP	Hinteralfeld	79.08 332	iP	P	09 41 27.9 -0.2
HINP	Hinteralfeld	79.08 332	iP	P	09 41 27.9 -0.2
HINP	Hinteralfeld	79.08 332	iP	P	09 41 27.9 -0.2
HINP	Hinteralfeld	79.08 332	iP	P	09 41 27.9 -0.2
211A	Mesquite Ranch	79.11 55	iP	P	09 41 29.0 +0.4
BBS	Basel-Blauen	79.17 331	eP	P	09 41 28.6 0.0
BBS	Basel-Blauen	79.17 331	eP	P	09 41 28.6 0.0
320A	Kipp Ranch, A	79.18 56	P	P	09 41 29.6 +0.6
SFTF	Sextfontaines	79.32 333	iP	P	09 41 29.5 +0.1
SFTF	Sextfontaines	79.32 333	iP	P	09 41 29.5 +0.1
JFWS	Jewell Farm	79.33 37	eP	P	09 41 27.8 -1.9
JFWS	Jewell Farm	79.35 37	eP	P	09 41 27.8 -1.9
TUE	Stuetta	79.40 330	eP	P	09 41 30.5 +0.6
Y25A	Mesa, Roswell	79.41 52	P	P	09 41 30.3 +0.2
X26A	CR and CF Fran	79.41 51	P	P	09 41 30.4 +0.3
222A	Williams Farm	79.42 55	iP	P	09 41 30.3 +0.1
W27A	Bowe Ranch, En	79.43 50	P	P	09 41 30.4 +0.2
Z24A	Sheeppen Canyo	79.48 53	iP	P	09 41 31.0 +0.4
TIR	Tirane	79.49 320	eP	P	09 41 30.9 +0.5
TIR	Tirane	79.49 320	eP	P	09 41 30.9 +0.4
LOMF	Lomont	79.50 332	eP	P	09 41 30.6 +0.2
LOMF	Lomont	79.50 332	eP	P	09 41 30.6 +0.2
123A	Bell Site, Whi	79.50 54	iP	P	09 41 31.5 +0.8
KSU1	Kans State U	79.57 43	eP	P	09 41 29.5 -1.4
X27A	F and S Farms,	79.72 50	P	P	09 41 32.2 +0.4
Z25A	Rozell	79.88 52	P	P	09 41 33.0 +0.4
223A	Chaparral, Ant	79.88 54	iP	P	09 41 33.4 +0.7
Y26A	Eilda	79.88 51	iP	P	09 41 32.9 +0.2
124A	Stringfield Ra	79.91 53	P	P	09 41 33.2 +0.4
GLMI	Grayingl	79.99 33	eP	P	09 41 32.0 -1.0
Y27A	Causey	80.27 51	iP	P	09 41 34.5 -0.2
Z26A	Caprock	80.29 52	P	P	09 41 34.9 +0.1
AMTX	Amarillo	80.30 49	P	P	09 41 34.7 -0.2
AMTX	Amarillo	80.30 49	eP	P	09 41 34.4 -0.5
224A	Cornudas Mount	80.33 54	iP	P	09 41 35.5 +0.4
125A	Gardner Draw,	80.38 53	P	P	09 41 35.7 +0.3
CABF	La Chapelle	80.39 332	iP	P	09 41 35.4 +0.3
CABF	La Chapelle	80.39 332	iP	P	09 41 35.4 +0.3
CABF	La Chapelle	80.39 332	iP	P	09 41 35.4 +0.3
CABF	La Chapelle	80.39 332	iP	P	09 41 35.4 +0.3
MSTX	Muleshoe	80.41 50	iP	P	09 41 35.0 -0.5
FLN	La Foliniere	80.45 337	iP	P	09 41 35.2 -0.2
FLN	La Foliniere	80.45 337	iP	P	09 41 35.2 -0.2
FLN	La Foliniere	80.45 337	iP	P	09 41 35.2 -0.2
FLN	La Foliniere	80.45 337	iP	P	09 41 35.2 -0.2
LDF	La Druitiere	80.50 336	eP	P	09 41 35.9 +0.2
LDF	La Druitiere	80.50 336	eP	P	09 41 35.9 +0.2
LDF	La Druitiere	80.50 336	eP	P	09 41 35.9 +0.2
LDF	La Druitiere	80.50 336	eP	P	09 41 35.9 +0.2
LOR	Lormes	80.52 333	iP	P	09 41 35.8 0.0
LOR	Lormes	80.52 333	iP	P	09 41 35.8 0.0
LOR	Lormes	80.52 333	iP	P	09 42 52.5 +0.1
LOR	Lormes	80.52 333	iP	P	09 41 35.8 0.0
LOR	Lormes	80.52 333	iP	P	09 42 52.5 +0.1
LOR	Lormes	80.52 333	iP	P	09 41 35.8 0.0
CPRX	Cap Rock	80.53 52	eP	P	09 41 35.9 -0.3
Z27A	Tatum	80.67 51	iP	P	09 41 36.5 -0.3
MNTX	Cornudas Mount	80.70 54	P	P	09 41 37.0 -0.1
MNTX	Cornudas Mount	80.70 54	eP	P	09 41 36.7 -0.4
225A	Deer Hill, Car	80.70 53	iP	P	09 41 37.4 +0.3
126A	Saint Saule	80.74 52	P	P	09 41 37.5 +0.3
SSF	Saint Saule	80.81 334	iP	P	09 41 37.3 -0.1
SSF	Saint Saule	80.81 334	iP	P	09 41 37.3 -0.1
SSF	Saint Saule	80.81 334	iP	P	09 41 37.3 -0.1
SSF	Saint Saule	80.81 334	iP	P	09 41 37.3 -0.1
324A	Moseley Ranch,	80.83 54	P	P	09 41 37.8 0.0
GD2L	Guadalupe Moun	80.89 53	eP	P	09 41 38.0 0.0
GRR	Gorron	80.89 337	iP	P	09 41 37.9 +0.2

baz=78,SNR=83					
ECH	Echery	78.63 332	eP	P	09 41 25.6 -0.1
ECH	Echery	78.63 332	eP	P	09 41 25.6 -0.1
FELD	Feldberg im Sc	78.65 331	eP	P	09 41 25.8 0.0
Z22A	Elephant Butte	78.65 54	P	P	09 41 26.5 +0.4
Y23A	Lovelace Mesa,	78.65 53	iP	P	09 41 26.8 +0.8
319A	Douglas	78.72 56	iP	P	09 41 27.0 +0.5
Capitan</					

Table of astronomical observations for 18d 9h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2008 SEP, listing station names, coordinates, and observation times.

Table of astronomical observations for 796, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SLDE Delcer, MCLT Moule a Chique, MGG Marie-Galante, etc.

IGIL 18 09:41:59.3, 38.04N, 12.06W, h30km, ML3.2
MDD 18 09:42:00.3, 1.4, 38.16N, 11.99W, h34km, 4.7km, mb4.9/24.
Error ellipse: s-maj=2.1km s-min=7.3km az=69.0, PRIMO
NEIC 18 09:42:00.3, 38.20N, 12.00W, h32km, MN3.2(MDD), After MDD.

ISCJCB 18 09:42:01.3, 0.7, 38.32N, 0.03, 11.44W, 0.05, h10km, Error ellipse: s-maj=5.7km s-min=3.7km az=157.6

CSEM 18 09:42:01.4, 0.4, 38.23N, 11.56W, h10km, ML4.2/16, Error ellipse: s-maj=8.9km s-min=5.3km az=71.0

INMG 18 09:42:02.7, 1.9, 38.06N, 12.03W, h9km, 6.2km, ML3.0, Error ellipse: s-maj=3.49km s-min=6.1km az=77.0

CNRM 18 09:42:02.3, 37.95N, 11.66W, h30km, MD3.5

ISC 18 09:42:02.2, 0.6, 38.26N, 0.03, 11.49W, 0.04, h10km, n207, +18/1300, 8D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PMAFR Mafru, LIS Lisbon, LIS Lisbo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ALMR Almeirim, MOE Montemor, MESJ Messejana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PBAR Barrancos, EBAD Badajoz, PVIS Viseu, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, Res, and various station identifiers. Includes stations like Braganca, Jimena Fronter, Santiago, Calabor, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, Res, and various station identifiers. Includes stations like Tazeka, Tazercounte, Col de Zad, Tobarra, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, Res, and various station identifiers. Includes stations like MOR8, KIF, KATK, etc.

Table with columns: VSU, Station Name, Az, El, Lg, Pn, Time, Res. Includes stations like Virojoki, Pernaja, Fines Array S.

BER 18 10:09:54.8-1.0, 59.95N-31.44E, h31km, 89km, ML2.4(NAO)
NAO 18 10:09:57.4-3.7, 60.10N-30.28E, ML2.4
HEL 18 10:09:58.6-0.1, 60.17N-30.41E, h0km, ML1.9, ML2.4(NAO), Explosion
CSEM 18 10:09:58.2-0.8, 60.21N-30.48E, h1km, ML1.9, Error ellipse: s-maj=17.3km s-min=8.9km az=148.0, Mining explosion.

IDC 18 10:09:59.7-3.5, 60.25N-30.27E, h0km, mb1 3.2/3, mb1mx3.0/2.6, mbtmp3.0, ML2.8/3, Error ellipse: s-maj=38.0km s-min=19.5km az=155
ISC 18 10:09:57.9-1.3, 60.19N-0.08-30.4E, 0.1, h0km, n24, c#108/45, Baltic States - Belarus - Northwestern Russia

Main table for stations in the Baltic States region, listing station names, coordinates, and observation details.

ISCJB 18 10:19:30.4-1.3, 39.40N-0.06-33.10E, 0.06, h1km, 14km, Error ellipse: s-maj=11.4km s-min=5.6km az=140.8
CSEM 18 10:19:30.5-0.2, 39.42N-33.08E, h2km, MD2.8, Error ellipse: s-maj=64km s-min=4.9km az=144.0
ISK 18 10:19:30.0, 39.44N-33.07E, h2km, MD2.8
DDA 18 10:19:30.7, 39.50N-32.97E, h7km, 5km, MD2.8
ISC 18 10:19:30.8-0.7, 39.41N-0.04-33.09E, 0.05, h1km, gkm, n22, c#61/30, Turkey

Table for stations in Turkey, listing station names, coordinates, and observation details.

IDC 18 10:20:16.8-2.3, 15.80S-173.36W, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.7/2.0, mbtmp3.6/5, ML1.4/1, MS3.6/2, Ms1 3.6/2, ms1mx2.8/2.4, Error ellipse: s-maj=140.0km s-min=19.8km az=144.0, Tonga Islands

Table for stations in the Tonga Islands region, listing station names, coordinates, and observation details.

Table for stations in the South Sandwich Islands region, listing station names, coordinates, and observation details.

ISCJB 18 10:30:32.5-4.4, 57.4S-0.1-26.1W, 0.2, h62km, 41km, mb4.3/12, Error ellipse: s-maj=20.1km s-min=14.5km az=36.8
NEIC 18 10:30:34.9-1.6, 57.46S-26.06W, h69km, 14km, Error ellipse: s-maj=9.5km s-min=7.0km az=215.0
IDC 18 10:30:35.2-2.1, 57.47S-26.06W, h70km, 17km, mb4.2/10, mb1 4.2/12, mb1mx4.1/1.7, mbtmp4.1/1.7, MS3.5/6, Ms1 3.5/6, ms1mx3.3/1.8, Error ellipse: s-maj=17.9km s-min=13.8km az=51.0
ISC 18 10:30:34.6-3.8, 57.5S-0.1-26.1W, 0.2, h66km, 37km, n44, c#67/18, mb4.2/12, South Sandwich Islands region

Table for stations in the South Sandwich Islands region, listing station names, coordinates, and observation details.

Main table for stations in the South Sandwich Islands region, listing station names, coordinates, and observation details.

ISC 18 10:42:17.9-2.3, 12.68S-166.53E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.8/1.7, mbtmp3.8/7, MS3.0/1, Ms1 3.0/1, ms1mx2.5/2.1, Error ellipse: s-maj=75.6km s-min=30.5km az=135.0
ISCJB 18 10:42:23.2-1.1, 12.5S-0.1-166.1E, 0.2, h33km, mb3.7/7, Error ellipse: s-maj=30.8km s-min=16.7km az=178.9
ISC 18 10:42:25.4-1.1, 12.4S-0.1-166.2E, 0.2, h35km, n11, c#81/9, mb3.7/7, Santa Cruz Islands

Table for stations in the Santa Cruz Islands region, listing station names, coordinates, and observation details.

IDC 18 11:24:58.0-3.1, 6.86S-147.81E, h85km, 22km, Error ellipse: s-maj=42.7km s-min=13.9km az=161.0
ISC 18 11:24:57.2-3.4, 6.85S-0.3-147.8E, 0.2, h81km, 26km, n10, c#86/9, mb3.5/3, Eastern New Guinea region

Table for stations in the Eastern New Guinea region, listing station names, coordinates, and observation details.

Table for stations in the Greece-Albania border region, listing station names, coordinates, and observation details.

ISCJB 18 10:46:55.1-0.8, 39.36N-0.02-19.83E, 0.05, h3km, 5km, mb3.7/3, Error ellipse: s-maj=6.1km s-min=3.5km az=162.3
ATH 18 10:46:55.4, 39.39N-19.80E, h6km, 1km, MD3.4/8
IDC 18 10:46:55.9-1.5, 39.51N-19.85E, h0km, mb3.7/3, mb1 3.7/4, mb1mx3.5/2.6, mbtmp3.6/4, ML3.1/1, Error ellipse: s-maj=31.1km s-min=24.9km az=84.0
TIR 18 10:46:56.3-4.0, 39.55N-19.39E, h29km, 42km, ML3.5
CSEM 18 10:46:56.3-0.2, 39.37N-19.73E, h2km, ML3.5, Error ellipse: s-maj=0.8km s-min=3.2km az=70.0
THE 18 10:46:57.4, 39.33N-19.52E, h32km, 36km, ML3.3/4, Error ellipse: s-maj=36.6km s-min=12.1km az=0.0
SKO 18 10:47:02.4, 39.42N-20.35E, h0km
ISC 18 10:46:56.8-0.8, 39.37N-0.02-19.87E, 0.05, h9km, 5km, n48, c#93/80, mb3.7/3, Greece-Albania border region

Main table for stations in the Greece-Albania border region, listing station names, coordinates, and observation details.

IDC 18 10:47:46.4-5.6, 0.20S-179.62E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/1.6, mbtmp3.6/3, Error ellipse: s-maj=998.3km s-min=154.4km az=82.0, South of Fiji Islands

Table for stations in the South of Fiji Islands region, listing station names, coordinates, and observation details.

IDC 18 11:24:43.6-2.7, 6.38S-148.15E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/1.6, mbtmp3.7/4, Error ellipse: s-maj=62.0km s-min=41.8km az=103.0
ISCJB 18 11:24:56.4-0.4, 6.85S-0.3-147.8E, 0.1, h88km, 29km, mb3.5/3, Error ellipse: s-maj=58.0km s-min=18.3km az=162.5
NEIC 18 11:24:58.0-3.1, 6.86S-147.81E, h85km, 22km, Error ellipse: s-maj=42.7km s-min=13.9km az=161.0
ISC 18 11:24:57.2-3.4, 6.85S-0.3-147.8E, 0.2, h81km, 26km, n10, c#86/9, mb3.5/3, Eastern New Guinea region

Table for stations in the Eastern New Guinea region, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTAO Charters Tower, WB2 Warramunga Arr, etc.

IDC 18 11:30:24.0; 4.0, 15.225S; 173.47W, h0km, mb4.1/10, mb1.4/4.1, mb1mx4.2/20, mbtmp4.1/11, ML2.8/1, Error ellipse: s-maj=39.3km s-min=15.8km az=140.0

NEIC 18 11:30:25.0; 8.5, 15.225S; 173.45W, h10km, mb4.0/1, Error ellipse: s-maj=25.7km s-min=8.8km az=142.0

ISCJTB 18 11:30:27.0; 6.1, 15.2S; 0.2; 173.5W; 0.2, h33km, mb4.1/12, Error ellipse: s-maj=31.2km s-min=10.8km az=142.3

ISC 18 11:30:29.6; 0.6, 15.2S; 0.2; 173.5W; 0.2, h35km, n19, e0.93/16, mb4.1/12, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAR Rarotonga, DZM Mont Dzumac, etc.

BUC 18 11:57:23.0; 0.8, 45.43N; 27.04E, h21km, 17km, MD2.5/1, 8C-4D, Error ellipse: s-maj=18.0km s-min=4.5km az=47.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRER, VRI Vriocioia, CFR Carcaliu, etc.

MOS 18 11:58:46.2; 1.0, 51.90N; 158.31E, h43km, mb5.9/155, MS5.6/44, Error ellipse: s-maj=6.0km s-min=3.7km az=89.4

MOS Felt (III-IV) at Petropavlovsk-Kamchatskiy, (III) at Severo-Kuril'sk

BUI 18 11:58:47.8; 52.00N; 158.47E, h70km, mb5.6/54, mb5.5/68, MS5.6/73, MS7.6/67

NEIC 18 11:58:47.5; 0.1, 51.94N; 158.36E, h35km, mb5.8/295, ME5.3, MS5.6/6, MW5.8, Error ellipse: s-maj=3.3km s-min=1.8km az=171.0

IDC 18 11:58:48.6; 1.2, 51.98N; 158.29E, h47km, 10km, mb5.3/30, Mb1.5/3.1, mb1mx5.4/32, mbtmp5.3/31, ML5.3/1, MS5.3/31, Mb1.5/3.1, ms1mx5.2/33 Error ellipse: s-maj=13.0km s-min=8.3km az=143.0

KRSC 18 11:58:49.0; 1.7, 51.82N; 158.88E, h37km, 36km, ML5.6/32, MS5.6/10, Error ellipse: s-maj=2.3km s-min=1.4km az=165.9

BGS 18 11:58:50.8; 1.4, 51.80N; 157.92E, h66km, mb5.8, GCMT 18 11:58:53.0; 0.1, 51.78N; 158.86E, h58km, MW5.8, Moment Tensor Solution, s109.c244; s64.c84; Moment tensor: Scale 1017Nm; Mr6.59; 0.07; Mw=1.26; Ms=5.32; 0.06; Mb=1.57; 0.05; M0=3.34; 0.05; M2=0.08; 0.05; Best double couple: M=7.40000; 1017 NP1=206.00000; 0.35, 0.00000; 1.88, 0.00000; NP2=221.00000; 0.94, 0.00000; 1.92, 0.00000; Principal axes: T 7.7700, Plg94.0000; Azm293.0000; N -0.0800, Plg1.0000; Azm39.0000; P -7.6900, Plg5.0000; Azm129.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

IDC 18 11:58:51.2; 0.1, 51.95N; 158.29E, h33km, mb5.9/MS5.6, Kamchatka Peninsula, Russia

ISC 18 11:58:51.2; 0.1, 51.95N; 158.29E, h33km, mb5.9/MS5.6, h67km, 1.6km; p-P, n1908, e0.83/1901, mb5.6/610, 431C-105D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRG Gorelyy, MIPR Malaya Ipe'l'ka, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PET comp=Z,42um,1.8s, PET comp=Z,24um,0.6s, etc.

INSR Institute 1.14 10 eP Pn 11 59 10.1 -1.2

INSR Institute 1.14 10 eP Pn 11 59 10.1 -1.2

INSR Institute 1.14 10 eP Pn 11 59 10.1 -1.2

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INSR Institute 1.14 10 eP Pn 11 59 10.1 -1.2

INSR Institute 1.14 10 eP Pn 11 59 10.1 -1.2

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

HABR comp=N,77nm,1.1s eS S 12 05 14.4 -8.8

HABR comp=Z,298nm,1.1s pmax pmax

HABR comp=E,282nm,1.1s pmax pmax

HABR comp=N,10um,20.0s MLR MLR

HABR comp=E,12um,20.0s MLR MLR

HABR comp=Z,12um,17.0s MLR MLR

HABR comp=Z,151nm,1.2s 16.89 78 eP Pn 12 02 41.8 -1.0

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

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HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

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HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9

HABR comp=Z,151nm,1.2s 17.04 271 eP Pn 12 02 43.8 -0.9



KSR5	comp=Z,12nm,0.8s,baz=352,slow=2.3,SNR=12	ScP	ScP	12 11 17.6	+0.8
KSR5	comp=Z,0.8nm,0.6s,baz=99,slow=1.6,SNR=6.1	LR	LR	12 12 51.1	
KSR5	comp=Z,4.4nm,22.0s,baz=33	P	P	12 04 15.5	+0.1
KSR5	Korea Array	25.76 248	P	12 07 44.4	
KSR5	comp=Z,65nm,0.7s,mb5.2	pmax	pmax		
KSR5	comp=Z,4.4um,22.0s	MLR	MLR		
BOD	Bodaibo	25.76 301	eP	12 04 14.2	-1.0
BOD			pP	12 04 30.6	-0.6
BOD			pmax		
TTA	comp=Z,79nm,1.0s,mb5.1				
TTA	Tatalina	26.34 48	eP	12 04 20.0	-0.4
TTA	Tatalina	26.34 48	eP	12 04 20.0	-0.4
INCN	Inchon	26.48 249	eP	12 04 21.2	-0.7
INCN	comp=Z,44nm,0.8s,mb5.4				
INCN	Inchon	26.48 249	P	12 04 22.0	+0.1
INCN	SNR=6.1				
SVW2	Sparrevohn	26.51 52	eP	12 04 21.4	-0.5
CIT	Chita	27.23 288	eP	12 04 27.3	-1.1
CIT			eP	12 04 41.1	-3.4
JNU	Nakatsue	27.34 237	eP	12 04 30.4	+0.7
CBIJ	Chichi jima	27.62 212	P	12 04 31.8	-0.5
CBIJ	comp=Z,107nm,0.9s,mb5.4,baz=333,slow=6.3,SNR=4.9	LR	LR	12 15 06.2	
RSO	Redoubt South	27.92 53	eP	12 04 34.4	-0.2
OHAK	Old Harbor	28.06 60	eP	12 04 33.8	-2.1
PPLA	Purkeypile	28.09 48	eP	12 04 36.3	+0.2
KDAK	Kodiak Island	28.34 59	P	12 04 36.2	-2.1
KDAK	comp=Z,35nm,0.8s,mb4.9,baz=304,slow=6.1,SNR=9.1	PCP	PCP	12 07 49.0	-0.3
KDAK	comp=Z,33nm,0.9s,baz=207,slow=3.6,SNR=4.5	LR	LR	12 16 40.4	
KDAK	comp=Z,4.4um,18.6s,baz=267,slow=36				
KDAK	Kodiak Island	28.34 59	P	12 04 36.0	-2.3
KDAK	comp=Z,206nm,1.5s,mb5.4				
KDAK	Kodiak Island	28.34 59	P	12 04 36.2	-2.1
KDAK				12 07 49.0	
KDAK	comp=Z,35nm,0.8s,mb4.9	pmax	pmax		
KDAK	comp=Z,4.4um,18.6s	MLR	MLR		
DL2	Dalian	28.52 257	P	12 04 39.9	-0.2
DL2			S	12 09 23.5	+0.6
DL2	comp=Z,30nm,1.5s,mb4.7	pmax	pmax		
DL2	comp=Z,340nm,11.1s	LR	LR		
DL2	comp=N,3um,19.8s	LR	LR		
DL2	comp=E,2um,24.0s	LR	LR		
DL2	comp=Z,5um,25.5s	LR	LR		
BPAW	Bear Paw Mtn.	28.64 45	eP	12 04 40.3	-0.5
TRF	Thorfare Moun	28.95 47	eP	12 04 43.2	-0.5
COLD	Coldfoot	29.14 39	eP	12 04 44.8	-0.6
RC01	Rabbit Creek A	29.34 51	eP	12 04 46.1	-1.0
MCK	McKinley	29.55 46	eP	12 04 47.9	-1.0
MCK	McKinley	29.55 46	eP	12 04 47.9	-1.0
MCK	comp=Z,144nm,0.9s,mb5.6	pmax	pmax		
PMR	Palmer	29.58 50	eP	12 04 47.7	-1.6
PMR	Palmer	29.58 50	eP	12 04 47.7	-1.6
PMR	comp=Z,31nm,0.7s,mb5.0	pmax	pmax		
SEW	Seward	29.60 53	eP	12 04 47.6	-1.9
SML	Sawmill	29.94 50	eP	12 04 51.6	-0.9
SML	comp=Z,104nm,0.8s,mb5.5				
SML	Sawmill	29.94 50	eP	12 04 51.6	-0.9
SML			pmax		
COLA	College	30.00 44	P	12 04 51.8	-1.1
COLA	College	30.00 44	P	12 04 51.8	-1.1
ILAR	Eielson Array	30.41 44	P	12 04 55.2	-1.4
ILAR	comp=Z,92nm,0.7s,mb5.5,baz=260,slow=6.6,SNR=709	PCP	PCP	12 07 52.9	-1.6
ILAR	comp=Z,10nm,0.7s,baz=270,slow=3.0,SNR=6.7	ScP	ScP	12 11 29.5	-1.2
ILAR	comp=Z,3.2nm,1.1s,baz=285,slow=3.3,SNR=5.6	PKIKP	PKIKP	12 15 22.8	-2.4
ILAR	comp=Z,0.4nm,0.6s,baz=290,slow=2.0,SNR=4.1	LR	LR	12 18 56.4	
ILAR	comp=Z,2um,18.9s,baz=274,slow=40	P3KPCb		12 36 46.6	
ILAR	comp=Z,1.1nm,0.9s,baz=109,slow=2.1,SNR=8.2	P	P	12 04 55.2	-1.4
ILAR	Eielson Array	30.41 44	P	12 04 55.2	-1.4
ILAR			pP	12 11 29.5	-1.2
ILAR			ScP	12 11 29.5	-1.2
ILAR			ScP	12 04 55.2	-1.4
ILAR			P	12 07 52.9	
ILAR			P	12 11 29.5	
ILAR	comp=Z,92nm,0.7s	pmax	pmax		
ILAR	Eielson Array	30.41 44	LR	12 18 56.4	
ILAR			P	12 05 03.1	-0.3
BJI	Beijing	31.15 264	P	12 05 18.0	-1.6
BJI			pP	12 05 25.3	-2.1
BJI			sP	12 10 04.3	+0.1
BJI	comp=Z,49nm,1.0s,mb5.2	pmax	pmax		
BJI	comp=Z,500nm,4.5s	LR	LR		
BJI	comp=N,7um,23.2s	LR	LR		
BJI	comp=E,5um,19.8s	LR	LR		
BJI	comp=Z,6um,29.4s	LR	LR		
PAX	Paxson	31.16 47	eP	12 05 02.5	-0.6
PAX	comp=Z,50nm,1.0s,mb5.2				
PAX	Paxson	31.16 47	eP	12 05 02.6	-0.5
PAX			pmax		
BJT	Baijiatuu	31.17 264	eP	12 05 03.3	-0.2
BJT	comp=Z,49nm,0.8s,mb5.3	pmax	pmax		
BJT	Baijiatuu	31.17 264	eP	12 05 03.3	-0.2
BJT			pmax		
DOT	Dot Lake	31.72 46	eP	12 05 06.4	-1.6
MENT	Mentasta	31.95 47	eP	12 05 09.7	-0.5
IRK	Irkutsk	32.54 292	eP	12 05 16.0	+0.6
IRK			e	12 05 26.9	
IRK			pmax		
IRK	comp=Z,84nm,1.2s,mb5.5				
ULN	Ulaanbaatar	32.69 284	eP	12 05 17.4	+0.6
ULN	comp=Z,23nm,1.0s,mb5.0				
ULN	Ulaanbaatar	32.69 284	eP	12 05 17.4	+0.7
ULN	comp=Z,23nm,1.0s,mb5.0	pmax	pmax		
ULN	Ulaanbaatar	32.69 284	P	12 05 17.5	+0.8
ULN	comp=Z,715nm,comp=Z,24nm,1.1s,mb4.9				
ULN	Ulaanbaatar	32.69 284	P	12 05 17.7	+0.9
ULN	SNR=10				
EGAK	Eagle	32.86 43	eP	12 05 16.3	-1.7
TIA	Tai'an	32.98 258	eP	12 05 18.8	-0.7
TIA			S	12 10 27.9	-4.9
TIA	comp=Z,680nm,22.0s	pmax	pmax		
TIA	comp=N,3um,30.9s	LR	LR		
TIA	comp=E,8um,24.9s	LR	LR		
TIA	comp=Z,11um,27.4s	LR	LR		
SONM	Songino Array	33.10 284	P	12 05 20.9	+0.6
SONM	comp=Z,4.0nm,0.3s,mb4.7,baz=58,slow=8.1,SNR=27				

SONM	comp=Z,30nm,0.7s,baz=95,slow=1.8,SNR=16	PcP	PcP	12 08 02.5	+0.5
SONM	comp=Z,4.5nm,1.1s,baz=72,slow=2.3,SNR=3.6	ScP	ScP	12 11 43.1	+3.0
SONM	comp=Z,1.6um,19.4s,baz=62,slow=39	LR	LR	12 20 06.6	
SONM	Songino Array	33.10 284	P	12 05 20.9	+0.6
SONM			P	12 08 02.5	
SONM	comp=Z,16um,19.4s	MLR	MLR		
TLY	Talaya	33.11 292	eP	12 05 21.1	+0.7
TLY	comp=Z,55nm,1.1s,mb5.3				
TLY	Talaya	33.11 292	eP	12 05 19.7	-0.7
TLY			pP	12 05 35.9	-0.8
TLY			e	12 08 04.8	+1.4
TLY			e	12 08 02.6	
TLY			eS	12 10 44.6	+1.0
TLY	comp=Z,53nm,1.1s,mb5.3	pmax	pmax		
TLY	comp=Z,5um,19.0s	MLR	MLR		
TLY	Talaya	33.11 292	P	12 05 21.8	+1.4
TLY	comp=Z,254nm,1.1s,mb6.0,SNR=13	P	P	12 05 22.1	+1.6
TLY	Talaya	33.11 292	P	12 05 22.1	+1.6
HHC	Hu-ho-hao-te	33.53 269	eP	12 05 24.1	0.0
HHC			pP	12 05 39.3	-1.1
HHC			pP	12 05 46.1	-2.2
HHC			pP	12 05 58.9	-2.9
HHC			PCP	12 08 04.8	+1.4
HHC			S	12 10 39.8	-1.3
HHC			sS	12 11 05.9	-3.0
HHC			ScP	12 11 43.1	+1.4
HHC			SS	12 12 45.1	-2.3
HHC			ScS	12 15 42.1	-0.8
HHC	comp=Z,43nm,1.1s,mb5.2	pmax	pmax		
HHC	comp=Z,380nm,5.7s	pmax	pmax		
HHC	comp=N,8um,17.2s	LR	LR		
HHC	comp=E,6um,16.7s	LR	LR		
HHC	comp=Z,8um,16.3s	LR	LR		
DAWY	Dawson	33.71 45	eP	12 05 24.6	-0.9
JOW	Kunigami	33.74 234	eP	12 05 26.2	+0.1
ZAK	Zakamensk	33.84 290	iP	12 05 27.5	+0.8
ZAK			e	12 08 04.9	
ZAK			pmax		
SSE	Sheshan	34.19 247	P	12 05 30.9	+0.9
SSE			pP	12 05 46.9	+0.6
SSE			sP	12 05 56.3	+2.1
SSE			S	12 10 53.1	+1.5
SSE			sS	12 11 22.0	+2.5
SSE	comp=Z,97nm,1.1s,mb5.5	pmax	pmax		
SSE	comp=Z,680nm,5.5s	pmax	pmax		
SSE	comp=N,2um,24.8s	LR	LR		
SSE	comp=E,2um,24.7s	LR	LR		
SSE	comp=Z,3um,32.8s	LR	LR		
BTO	Baotou	34.62 270	eP	12 05 32.8	-0.8
MOY	Mondy	34.64 293	eP	12 05 34.8	+1.2
MOY			pmax		
PNL	Peninsula	34.65 52	eP	12 05 33.1	-0.5
NJ2	Nanjing	34.84 251	eP	12 05 36.1	+0.5
NJ2			pP	12 05 51.3	-0.6
NJ2			sP	12 05 58.8	-1.0
NJ2			SS	12 06 52.6	-3.0
NJ2			S	12 10 58.0	-3.5
NJ2	comp=Z,70nm,0.8s,mb5.5	pmax	pmax		
NJ2	comp=Z,630nm,5.5s	LR	LR		
NJ2	comp=N,3um,15.2s	LR	LR		
NJ2	comp=E,2um,13.5s	LR	LR		
NJ2	comp=Z,4um,18.3s	LR	LR		
TIY	Taiyuan	34.88 264	eP	12 05 35.8	-0.1
TIY			pP	12 05 51.9	-0.4
TIY			pP	12 06 55.1	-0.9
TIY			S	12 10 59.4	-2.7
TIY	comp=Z,450nm,3.8s	pmax	pmax		
TIY	comp=N,1um,10.7s	LR	LR		
TIY	comp=E,2um,14.8s	LR	LR		
TIY	comp=Z,3um,15.1s	LR	LR		
INK	Inuvik	35.45 37	eP	12 05 40.3	-0.1
INK	comp=Z,253nm,0.8s,mb5.1				
INK	Inuvik	35.45 37	eP	12 05 40.3	-0.2
INK			pmax		
SKAG	Skagway	36.69 52	eP	12 05 51.1	0.0
SIT	Sitka	37.51 55	eP	12 05 57.8	-0.3
SIT	comp=Z,258nm,1.4s,mb5.9				
SIT	Sitka	37.51 55	eP	12 05 57.8	-0.3
SIT			pmax		
WHN	Wuhan	38.58 254	P	12 06 07.0	-0.4
WHN			pmax		
WHN	comp=Z,130nm,0.5s,mb6.0	LR	LR		
WHN	comp=N,7um,19.5s	LR	LR		
WHN	comp=E,11um,22.2s	LR	LR		
TATO	Taipei	38.77 240	eP	12 06 10.6	+1.5
YHNB	Yeheng	39.08 240	eP	12 06 11.8	+0.2
CRAG	Craig	39.26 57	eP	12 06 13.0	+0.2
WRAK	Wrangell Islan	39.27 55	eP	12 06 13.7	+0.9
NACB	Ninganchiao	39.36 293	eP	12 06 13.4	-0.6
XAN	Xi'an	39.44 263	P	12 06 12.9	-1.6
XAN			pP	12 07 50.6	+4.6
XAN			S	12 12 09.8	-1.5
XAN			SS	12 15 04.6	-2.9
XAN	comp=N,4um,29.8s	LR	LR		
XAN	comp=E,2um,35.4s	LR	LR		
DLBC	Dease Lake	39.62 52	eP	12 06 16.8	+1.1
SSLB	Suanguang	40.02 240	eP	12 06 18.9	-0.4
YULB	Yuli	40.15 239	eP	12 06 20.6	0.0
OZH	Quanzhou	40.38 244	iP	12 06 22.0	-0.4
OZH			S	12 12 20.0	-5.5
OZH	comp=Z,210nm,0.8s,mb6.0	pmax	pmax		
OZH	comp=N,2um,16.4s	LR	LR		
OZH	comp=E,2um,15.8s	LR	LR		
OZH	comp=Z,3um,28.0s	LR	LR		
TPUB	Ta-pu	40.58 240	eP	12 06 24.2	+0.1
TWG	Pinzhang	40.74 239	eP	12 06 24.2	+1.2
LZH	Lanzhou	41.2			





ULM	comp-Z,2um,19.8s,baz=314,slow=38	LR	LR	12 37 27.9					
ULM	comp-Z,5.1nm,1.0s,baz=128,slow=9.1,SNR=9.9		PKPPKP	12 38 17.6					
ULM	Lac du Bonnet 60.41 45 eP			12 08 52.0 -1.1					
T12A	Moapa 60.42 67 iPP			12 08 53.6 +0.2					
BFSC	Mount Baldy Ra 60.46 71 iPP			12 08 53.6 -0.2					
O18A	Roosevelt 60.56 61 P			12 08 55.3 +1.0					
N19A	John Jarvie 60.57 60 P			12 08 54.3 0.0					
S14A	Cedar City 60.57 65 P			12 08 54.7 +0.3					
TMUT	Trail Mountain 60.58 63 eP			12 08 54.5 +0.1					
MSU	Marysvalde 60.60 64 eP			12 08 55.0 +0.4					
MSU		epP	pP	12 09 11.3 -0.9					
MSU		ePP	pP	12 09 11.3 -0.9					
MSU		pmax	pmax						
CCUT	Cedar City 60.61 66 eP			12 08 54.3 -0.4					
CIS	Catalina Islan 60.61 72 iPP			12 08 52.6 -2.2					
TUQ	Turquoise Moun 60.63 69 P			12 08 54.8 -0.1					
V11A	Goodsprings 60.63 68 iPP			12 08 54.6 -0.3					
T13A	Saint George 60.67 67 P			12 08 55.6 +0.5					
M20A	Sweetwater, Wa 60.68 59 iPP			12 08 55.5 +0.4					
LUWI	Luwuk 60.69 222 P			12 08 54.4 -1.0					
P17A	Butcher Ranch, 60.72 63 P			12 08 55.7 +0.3					
A12A	Valley of Fire 60.73 67 P			12 08 55.8 +0.3					
FINES	FINES Array B 60.73 336 P			12 08 54.0 -1.1					
FINES	comp-Z,31nm,0.5s,mb5.6,baz=30,slow=8.0,SNR=75		PCP	12 09 37.5 -1.0					
FINES	comp-Z,15nm,0.6s,baz=64,slow=4.4,SNR=4.0		LR	12 39 02.7					
FINES	comp-Z,9um,20.3s,baz=30,slow=40		LR						
FINES	FINES Array B 60.73 336 P			12 08 54.1 -1.0					
FINES				12 09 37.5					
FINES	comp-Z,31nm,0.5s		MLR						
FINES	comp-Z,3um,20.3s		MLR						
K22A	Casper 60.73 57 iPP			12 08 55.6 +0.1					
R15A	Junction 60.75 65 iPP			12 08 56.3 +0.6					
L21A	Rawlins 60.77 58 P			12 08 55.8 0.0					
SDNR	Sundarnagar 60.78 285 ePKP			12 08 54.5 -1.4					
HEC	Hector,Ludlow 60.82 70 P			12 08 56.1 -0.1					
Q16A	Castle Valley 60.87 63 iPP			12 08 57.1 +0.7					
P18A	Preston Nutter 60.88 62 P			12 08 57.0 +0.6					
BBRO	Big Bl Solar 60.88 71 P			12 08 56.1 -0.5					
SMLA	Simla 60.93 284 i x			12 08 54.9 -2.0					
SMLA		Amb	AMB	12 08 56.5					
SMLA		i x	S	12 17 03.2 -6.5					
NSS	Namsos 60.96 344 eP			12 08 55.3 -1.3					
NSS		eS	S	12 17 09.7 +0.5					
NSS		AMS	AMS	12 40 15.6					
DDI	Dehra Dun 60.97 283 ex			12 08 53.3 -3.9					
DDI		ex	x	12 10 30.0					
RSSD	Black Hills 60.97 55 eP			12 08 56.9 -0.1					
RSSD	Black Hills 60.97 55 eP			12 08 56.9 -0.1					
RSSD		pmax	pmax						
NLAI	Namlea 61.01 216 P			12 08 58.6 +1.0					
O19A	Miners Draw (B 61.02 61 P			12 08 57.5 +0.1					
M21A	Separation Pea 61.03 59 iPP			12 08 57.6 +0.1					
V12A	Nelson 61.04 68 P			12 08 57.7 0.0					
RWWY	Rawlins 61.05 59 eP			12 08 57.5 -0.1					
U13A	Pakoon Wash 61.06 67 P			12 08 58.2 +0.4					
S15A	Pangutich 61.08 65 iPP			12 08 58.5 +0.6					
SRU	San Rafael 61.09 63 iPP			12 08 58.4 +0.5					
SRU	San Rafael 61.09 63 eP			12 08 57.9 0.0					
SRU	San Rafael 61.09 63 eP			12 08 57.9 0.0					
SRU		pmax	pmax						
N20A	Opene Gulch 61.10 60 P			12 08 58.6 +0.7					
T14A	Hurricane 61.11 66 iPP			12 08 58.6 +0.5					
R16A	Teasdale 61.14 64 P			12 08 59.1 +0.8					
BHK	Bhakra 61.17 285 ePKP			12 08 58.0 -0.6					
MURC	Murrieta 61.18 71 P			12 08 58.1 -0.6					
L22A	Ellis Ranch, M 61.22 58 iPP			12 08 59.6 +0.8					
BNDI	Bandanaria 61.22 213 P			12 09 07.7 +8.7					
GMRC	Granite Mounta 61.25 70 P			12 08 58.7 -0.3					
Q18A	Rafter H Ranch 61.31 62 P			12 08 59.2 -0.2					
W12A	Cal Nev Ari 61.33 69 iPP			12 08 59.7 +0.1					
LDFC	Landfair 61.35 69 eP			12 08 59.2 -0.5					
TLE	Tual 61.37 209 P			12 09 00.7 +0.7					
BTM	Bmtulu 61.38 234 P			12 09 01.3 +1.1					
V13A	Grand Canyon W 61.45 68 iPP			12 09 00.6 +0.2					
R17A	Hanksville Air 61.48 63 P			12 09 00.4 -0.1					
S16A	Weppner Ranch, 61.48 64 iPP			12 09 01.1 +0.5					
U14A	Met Trumbull 61.51 67 P			12 09 01.3 +0.5					
T15A	Red Dirt Ranch 61.53 66 P			12 09 01.4 +0.4					
L23A	Garrett 61.54 57 P			12 09 00.6 -0.3					
N19A	Black Mountain 61.55 60 iPP			12 09 01.1 +0.1					
P21A	Cripple Cowboy 61.56 61 iPP			12 09 01.3 +0.2					
M22A	Cedar Creek Ra 61.58 58 iPP			12 09 01.5 +0.3					
BELO	Belle Mtn. Jos 61.60 70 P			12 09 00.6 -0.8					
O20A	White River Ci 61.61 60 P			12 09 01.6 +0.2					
PFO	Pinyon Flat Ob 61.61 71 P			12 09 00.8 -0.8					
PFO	Pinyon Flat Ob 61.61 71 eP			12 09 00.5 -1.0					
PFO	Pinyon Flat Ob 61.61 71 eP			12 09 00.5 -1.0					
PFO		pmax	pmax						
PFO	comp-Z,64nm,1.4s,mb5.5			12 09 00.0 -1.5					
PMG	Port Moresby 61.85 192 eP			12 09 02.2 -1.0					
PMG		pmax	pmax						
PMG	Port Moresby 61.85 192 P			12 09 02.9 -0.3					
AGMM	Agassiz Natios 61.85 47 eP			12 09 02.3 -0.7					

N2EE	Needles Airpor 61.86 69 iPP			12 09 02.8 -0.3					
Q19A	Hogan Spring ( 61.89 62 iPP			12 09 03.1 -0.3					
R18A	Carlsbad-Santa Na 61.95 63 P			12 09 03.2 -0.5					
O21A	Pagoda 61.96 60 P			12 09 04.2 +0.4					
P20A	De Beque 61.98 61 P			12 09 03.6 -0.3					
S17A	Black Ridge (B 61.98 64 iPP			12 09 04.2 +0.3					
IRM	Iron Mountain 61.98 70 P			12 09 03.8 -0.2					
L24A	Wheatland 61.99 57 iPP			12 09 04.6 +0.7					
M23A	Laramie 61.99 58 P			12 09 04.0 0.0					
U15A	North Rim 62.01 66 P			12 09 04.5 +0.3					
MOS	Moscow 62.02 327 eP			12 09 05.9 +2.0					
MOS		e		12 09 42.4					
MOS		pmax	pmax						
W13A	Hualapai Mount 62.04 68 iPP			12 09 04.4 0.0					
T16A	Glen Canyon Da 62.05 65 iPP			12 09 03.2 -1.2					
N22A	Wattenberg Ran 62.09 59 P			12 09 05.3 +0.7					
V14A	Boquillas Ranc 62.11 67 P			12 09 05.3 +0.5					
MONP	Monument Peak 62.15 72 iPP			12 09 04.7 -0.5					
BAR	Barrett 62.15 72 eP			12 09 03.9 -1.2					
BC3	Big Rockwall 62.17 70 P			12 09 04.7 -0.6					
PHWY	Pilot Hill 62.25 58 eP			12 09 04.8 -0.9					
N23A	Red Feather La 62.29 58 P			12 09 06.6 +0.6					
R19A	Curley Farm, L 62.37 63 P			12 09 06.5 -0.1					
S18A	Hurst Farm, Bl 62.39 63 iPP			12 09 06.6 +0.1					
Q20A	Ridgley Place, 62.42 61 P			12 09 06.5 -0.3					
W14A	Seligman 62.42 67 P			12 09 07.1 +0.2					
SBUM	Sibu 62.46 234 P			12 09 09.1 +1.7					
SBUM	Sibu 62.46 234 P			12 09 09.0 +1.6					
M24A	Cheyenne 62.46 57 iPP			12 09 07.7 +0.6					
PDHCI	Parker Dam,Lak 62.47 69 iPP			12 09 07.1 -0.1					
P21A	Newcastle 62.47 60 iPP			12 09 07.8 +0.6					
SWSC	Sam W. Stewart 62.48 71 P			12 09 06.5 -0.8					
PV04	Paradox Valley 62.49 62 eP			12 09 07.0 -0.3					
O22A	Kremmling 62.49 59 P			12 09 07.5 +0.2					
DVTC	Desert W Tower 62.50 71 iPP			12 09 07.1 -0.4					
V15A	Kaibab Nationa 62.51 66 P			12 09 08.0 +0.5					
Y12C	Blythe 62.64 70 P			12 09 08.2 -0.2					
P22A	Eagle 62.79 60 P			12 09 09.6 +0.3					
O23A	Lake Granby, G 62.79 59 P			12 09 10.5 +1.1					
S19A	Harvey Farm, M 62.83 63 P			12 09 09.5 -0.1					
AYAN	Aya Nagar 62.85 282 ePKP			12 09 08.9 -0.9					
T18A	Mexican Hat 62.85 64 iPP			12 09 09.2 -0.6					
PV01	Paradox Valley 62.86 62 eP			12 09 09.5 -0.3					
U16A	Tuba City 62.87 65 P			12 09 10.2 +0.3					
OBN	Obninsk 62.88 327 iPP			12 09 08.5 -1.2					
OBN		ePP	pP	12 09 28.2 +0.8					
OBN		e		12 11 27.6					
OBN		eS	S	12 17 29.6 -4.1					
OBN		i		12 17 57.8					
OBN		pmax	pmax	12 18 53.0					
OBN	comp-Z,31nm,0.7s,mb5.3		MLR	MLR					
N24A	Carr 62.90 58 P			12 09 10.7 +0.7					
Q21A	Lamborn Mesa, 62.90 61 iPP			12 09 10.4 +0.4					
W15A	Williams 62.91 67 P			12 09 11.1 +0.9					
R20A	Redvale 62.92 62 P			12 09 10.4 +0.2					
GLA	Glamis 62.96 70 iPP			12 09 10.5 -0.1					
GLA	Glamis 62.96 70 eP			12 09 09.8 -0.7					
GLA	Glamis 62.96 70 eP			12 09 09.9 -0.7					
GLA		pmax	pmax						
SMCO	Snowmass 62.97 60 eP			12 09 10.7 +0.2					
Y13A	Salome 62.99 69 iPP			12 09 10.9 +0.1					
X14A	Yava 63.06 68 P			12 09 11.7 +0.5					
MSSI	Mamba 63.08 224 P			12 09 12.2 +0.7					
VSU	Vasula 63.11 334 iPP			12 09 10.5 -0.6					
VSU	comp-Z,72nm,0.7s,mb5.7		MLR	MLR					
S20A	Disappointment 63.19 62 P			12 09 12.1 0.0					
Q22A	Crested Butte, 63.24 61 P			12 09 12.8 +0.5					
R21A	Cimarron 63.25 61 iPP			12 09 13.1 +0.7					









Table with columns for station call letters, name, frequency, and other details. Includes stations like BCJ Bajram Curri, SMF Signal de Mont, SMF Signal de Mont, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like SAOF Saorge, AUTN L'Aution, AUTN L'Aution, TOUF Mont Tourmerai, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like CSOR Sort, EARI Arriondas, EPON Pontonva, KARN Karanos, SIVA Sivas, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like EBAN Banos Encina, CTEI Djebel Teioual, LIS Lisbon, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like LPAZ La Paz, SBA Scott Base, TSUM Tsumbe, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like BBOO Buckleboo, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

ISK 18 12:04:03.9, 39.47N, 28.22E, h11km, ML2.1

IS/CJ/B 18 12:04:04.0, 39.47N, 28.22E, h11km, ML2.1

IS/C 18 12:04:04.1, 39.51N, 28.18E, h7km, 2km, Md2.8

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

IS/C 18 12:04:04.9, 39.46N, 28.17E, h15km, MD2.8, Error

NEIC 18 12:13:10.3, 16.67N, 94.79W, h106km, MD3.9(MEX), After MEX.

MEX 18 12:13:10.3, 16.67N, 94.79W, h106km, MD3.9, After MEX.

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like Oaxaca, Matias Romero, Huatulco, etc.

IDC 18 12:30:08.4, 3.3, 57.58S, 25.81W, h0km, mb3.9/2, mb1.4/1.2, mb1m3.7/15, mb1mp3.9/2, Error ellipse: s-maj=112.5km, s-min=51.3km, az=171.0, South

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like Sandwich Islands Region, AFI Afiamalu, etc.

18d 12h

TORD Torodi Ar. Bea 74.04 28 P P 12.41 45.7 -0.1
0.5nm,0.4s,baz=203,slow=6.5,SNR=5.5
ILAR Eielson Array 151.69 309 PKPbc PKPbc 12.50 03.1 0.0
0.6nm,0.8s,baz=145,slow=4.3,SNR=14

IDC 18 12:31:31.2:2.1,5.59S,130.91E,h0km,mb3.9/1,
mb1.3/3,mb1mx3.4/15,mbmtpx3.4/3,ML3.4/2,Error
ellipse: s-maj=95.9km s-min=31.1km az=71.0,Banda
Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

NEIC 18 12:55:48.8,42.99N:0.34W,h5km,ML4.0(STR),
ML3.9(LDG),After STR.
STR 18 12:55:48.5:0.3,43.00N:0.35W,h5km,ML4.0,Error
ellipse: s-maj=0.0km s-min=0.0km az=0.0
CSEM 18 12:55:48.5:0.1,43.16N:0.31W,h5km,ML3.9/37,Error
ellipse: s-maj=1.9km s-min=1.4km az=151.0
ISCJB 18 12:55:49.0:0.3,43.14N:0.02:0.42W:0.02,h24km,2km,
Error ellipse: s-maj=2.7km s-min=1.9km az=176.3
LDG 18 12:55:49.7:0.1,43.08N:0.34W,h5km,Md3.65,ML3.9/46,
Error ellipse: s-maj=1.2km s-min=0.9km az=159.0
MDD 18 12:55:49.9:0.2,43.08N:0.34W,h11km,mbLg3.3/30,
Error ellipse: s-maj=2.0km s-min=1.3km az=1.0,PRIMO
INMG 18 12:55:51.4:1.6,42.96N:0.44W,h3km,5km,ML3.2,Error
ellipse: s-maj=7.3km s-min=2.9km az=35.0
MRB 18 12:55:51.5,42.95N:0.32W,h0km,3km,ML3.6/14,Error
ellipse: s-maj=2.8km s-min=1.7km az=28.0
ISC 18 12:55:48.4:0.2,43.146N:0.009:0.32W:0.01,113km,1km,
h464,01927/63,12C-4D,Pyrenees

Main table for the 18d 12h section, listing station codes, names, coordinates, and signal characteristics. Includes stations like REYF, ATE, ETSF, LABF, EPP, LARF, RESF, SJPF, OSSF, IELO, EORO, and EORO.

2008 SEP

Main table for the 2008 SEP section, listing station codes, names, coordinates, and signal characteristics. Includes stations like EORO, IZUN, ELIZ, IUSE, IUNC, EARA, MLS, CTRE, SALF, CSOR, GRBF, ESAC, CAVN, and CORG.

810

Main table for the 810 section, listing station codes, names, coordinates, and signal characteristics. Includes stations like CORG, LPEF, CLLI, EMIR, MTLF, VALF, CBRU, EPOB, CORI, and ELAN.









Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TLY Talaya, GTA Gaotai, MOY Mondy, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VYHS Vyhne, PVCC Panska Ves, PVCC Panska Ves, etc.

PLCA	Paso Flores	157.73 113	PKP2	PKPab	13.49 22.1	+0.4
PLCA			pmax	pmax		
comp=Z,2.0nm,0.8s						

**IDC 18 13:52:34.1±13.0,51.69N:172.66W,h0km,mb3.5/3, mb1.3/7.4,mb1mx4.4/26,mbtmp3.4/4,ML3.4/1, Error ellipse: s-maj=245.8km s-min=47.9km az=74.0, Andreadios Islands**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ILAR	Eielson Array	18.67	36	Op	P	13 56 53.5	-0.2
INUK	1.1nm,0.3s,baz=218,slow=9.3,SNR=3.8						
INUK	0.2nm,0.8s,baz=230,slow=7.9,SNR=4.3					13 57 59.4	-0.1
NVAR	Mina Array	39.71	88	P	P	14 00 08.9	+1.0
PDAR	Piedale Array	42.54	76	P	P	14 00 31.3	+0.1
TXAR	Lajitas Array	45.81	86	P	P	14 02 05.4	-0.4
	0.2nm,0.5s,baz=268,slow=8.1,SNR=2.9						

**NIED 18 13:53:00.41±70N,144.30E,h23km,Mw4.3 Best double couple: M2 83000-1015, N1P1=188.00000, 873.00000, 125.00000, N2P2=93.00000, 865.00000, 168.00000, BUJ 18 13:53:33.3, 41.77N, 144.25E, h22km, mb5.0/9, mb4.5/17, Ms4.1/6, Ms7.3/6**

**ISCJB 18 13:53:34.6±1.1, 41.68N, 144.23E, h28km, 7km, mb4.5/45, MS3.9/6, Error ellipse: s-maj=8.7km s-min=5.1km az=31.1**

**NEIC 18 13:53:35.6±1.3, 41.72N, 144.22E, h21km, 8km, mb4.8/22, MW4.2(NIED), Error ellipse: s-maj=8.3km s-min=5.6km az=126.0**

**JMA 18 13:53:35.8±0.2, 41.71N, 144.25E, h29km, 3km, M4.4**

**MOS 18 13:53:36.7±1.4, 41.75N, 144.07E, h41km, mb4.8/28, Error ellipse: s-maj=9.2km s-min=6.1km az=108.3**

**IDC 18 13:53:37.1±3.2, 41.67N, 144.20E, h33km, 23km, mb4.0/13, mb1.4/17, mb1mx4.0/28, mbtmp3.9/17, ML3.6/4, MS3.6/5, Mb1.3.6/5, ms1mx3.1/43, Error ellipse: s-maj=2.0, 2.3km s-min=14.5km az=109.0**

**ISC 18 13:53:35.1±1.3, 41.73N, 144.26E, h17km, 7km, n134, o895/142, mb4.5/45, MS3.9/6, 3C-4D, Hokkaido region**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ERM	Erimo	0.87	290	Op	Pb	13 53 52.4	+0.7
ERM	Erimo	0.87	290	eP	Pb	13 53 52.4	+0.7
JEM	Erimo	0.87	290	P	Pb	13 53 52.6	+0.9
JCH	Churui	1.11	323	P	Pb	13 53 55.6	-0.2
JOB	Onbetsu	1.22	345	eS	Pn	13 54 11.1	+1.2
JNBK	Urakawa-nobuka	1.25	297	P	Pn	13 53 58.3	+0.6
JAK	Akkeshi	1.31	14	P	Pn	13 53 58.3	-0.2
JAR	Ashorobuto	1.61	347	P	Pn	13 54 02.3	-0.4
JAR				eS	Pn	13 54 22.8	-0.2
YUK	Yuzh-Kuril'sk	2.59	261	iP	Pn	13 54 16.9	+0.8
YUK	comp=Z,920nm,1.7s						
YUK	comp=Z,376nm,0.5s						
YUK	comp=N,128nm,0.5s						
YUK	comp=E,154nm,0.2s						
YUK	comp=N,730nm,13.0s						
YUK	comp=Z,460nm,13.0s						
ASAJ	Asahikawa	2.68	333	Pn	Pn	13 54 17.8	+0.3
ASAJ	comp=Z,13nm,0.3s,baz=190,slow=9.4,SNR=76						
ASAJ	comp=Z,2.1nm,0.3s,baz=222,slow=11.1,SNR=19						
ASAJ	comp=Z,2.1nm,0.3s,baz=20,slow=10,SNR=4.4						
ASAJ	comp=Z,745nm,18.5s,baz=168,slow=46						
ASAJ	Asahikawa	2.68	333	eP	Pn	13 54 17.6	+0.2
ASAJ	Asahikawa	2.68	333	P	Pn	13 54 17.8	+0.4
ASAJ	comp=Z,13nm,0.3s						
ASAJ	comp=Z,2.1nm,0.3s						
ASAJ	comp=Z,745nm,18.5s						
KUR	Kuril'sk	4.38	36	eP	Pn	13 54 41.0	+0.3
KUR				eS	Pn	13 55 34.5	+3.2
KUR	comp=N,50nm,0.8s						
KUR	comp=E,40nm,0.8s						
KUR	comp=Z,130nm,0.8s						
KUR	comp=N,200nm,0.5s						
KUR	comp=E,110nm,0.5s						
KUR	comp=N,2um,3.0s						
KUR	comp=E,2um,3.0s						
YSS	Yuzh-Sakhalins	5.34	349	eP	Pn	13 54 54.5	+0.6
YSS				eS	Pn	13 55 54.0	-0.9
YSS	comp=E,50nm,0.7s						
YSS	comp=Z,500nm,15.0s						
MAJO	Matsushiro	6.99	224	eP	Pn	13 55 15.5	-1.1
MAJO	comp=Z,16nm,0.6s						
MAJO	Matsushiro	6.99	224	eP	Pn	13 55 15.5	-1.1
MAJO	comp=Z,17nm,0.6s						
MAT	Matsushiro	6.99	224	P	Pn	13 55 16.4	-0.2
MAT				S	Pn	13 56 38.7	+3.0
MJAR	Matsushiro Arr	6.99	224	Pn	Pn	13 55 16.4	-0.2
MJAR	comp=Z,1.8nm,0.3s,baz=27,slow=14,SNR=24						
MJAR	comp=Z,2.55nm,21.9s,baz=65,slow=62						
MJAR	Matsushiro Arr	6.99	224	P	Pn	13 55 16.4	-0.2
MJAR	comp=Z,2.0nm,0.3s						
MJAR	comp=Z,255nm,21.9s						
VLA	Vladivostok	9.25	283j	eP	Pn	13 55 49.0	+1.4
HABR	Khabarovsk	9.37	319	eP	Pn	13 55 47.7	-1.5
HABR				e		13 57 32.5	
HABR	comp=N,37nm,2.5s						
HABR	comp=Z,29nm,2.0s						
HABR	comp=E,33nm,2.6s						
MDJ	Mudanjiang	11.10	290	P	Pn	13 56 12.7	-0.2
MDJ	comp=Z,12nm,1.0s						
KLR	Kul'dur	11.54	315	eP	Pn	13 56 18.0	-0.9
KSRS	Korea Array	13.30	257	Pn	Pn	13 56 43.2	+0.2
KSRS	comp=Z,0.1nm,0.3s,baz=67,slow=13,SNR=7.8						
KSRS	Korea Array	13.30	257	P	Pn	13 56 43.3	+0.3
KSRS	comp=Z,96nm,20.5s						
PETK	Petropavlovsk-	14.54	34	Pn	Pn	13 56 59.8	-0.1
PETK	comp=Z,3.9nm,0.3s,baz=195,slow=7.3,SNR=6						
PETK	Petropavlovsk-	14.54	34	P	Pn	13 56 59.8	-0.1
HIA	Hailar	18.71	302	eP	Pn	13 57 49.9	-3.0
HIA	Hailar	18.71	302	eP	Pn	13 57 49.9	-3.0
HIA	comp=Z,17nm,0.8s						
YAK	Yakutsk	22.13	342j	iP	P	13 58 24.7	-4.8
YAK				ePP		13 58 34.3	
YAK				eS	S	14 02 24.2	-8.3
YAK				eSS	SS	14 02 39.6	-0.8
YAK				eSS		14 03 01.4	
YAK				e		14 09 40.8	
YAK	comp=Z,22nm,0.8s,mb4.6						

YAK	comp=E,2.0nm,0.9s						
YAK	comp=N,9.0nm,1.1s						
YAK	comp=Z,12nm,0.9s,mb4.3						
YAK	comp=N,214nm,3.0s						
YAK	comp=E,42nm,1.8s						
YAK	comp=Z,111nm,15.0s,MS3.4						
YAK	comp=E,49nm,13.0s,MS3.3						
BOD	Bodaibo	25.02	320	eP	P	13 58 53.0	-4.8
BOD	comp=N,59nm,14.0s,MS3.3						
WHN	Wuhan	26.49	255	P	P	13 59 11.0	-0.3
WHN	comp=N,350nm,12.4s,MS4.3						
WHN	comp=E,440nm,12.8s,MS4.3						
WHN	comp=Z,480nm,12.7s,MS4.2						
ULN	Ulanbaatar	26.92	296	eP	P	13 59 14.6	-0.5
ULN	comp=Z,21nm,1.3s,mb4.5						
ULN	Ulanbaatar	26.92	296	eP	P	13 59 14.6	-0.5
ULN	comp=Z,21nm,1.3s,mb4.5						
SOMN	Songino Array	27.36	296	P	P	13 59 19.0	0.0
SOMN	comp=Z,5.7nm,0.7s,mb4.2,baz=93,slow=7.8,SNR=27						
SOMN	Songino Array	27.36	296	P	P	13 59 19.0	-0.1
SOMN	comp=Z,6.0nm,0.7s						
TLY	Talaya	29.23	304	eP	P	13 59 36.4	+0.7
TLY	comp=Z,11nm,0.9s,mb4.6						
TLY	comp=Z,92nm,20.0s,MS3.4						
ENH	Enshi	30.17	259	eP	P	13 59 43.6	-0.7
GTA	Gaotai	33.56	281	eP	P	14 00 14.0	0.0
GTA				pP	pP	14 00 18.8	-0.4
GTA				sP	sP	14 00 22.0	+0.6
GTA	comp=Z,4.0nm,1.3s,mb4.2						
GTA	comp=Z,100nm,4.7s						
GTA	comp=N,68nm,14.7s,MS3.9						
GTA	comp=E,170nm,14.9s,MS3.9						
ZAAO	Zalesovo Array	40.55	308	P	P	14 01 12.5	-0.6
ZAAO	comp=Z,2.00nm,14.5s,MS4.0						
ZALV	Zalesovo Array	40.55	308	eP	P	14 01 12.8	-0.3
ZALV	comp=Z,4.5nm,0.4s,mb4.4,baz=92,slow=8.9,SNR=18						
ZALV	Zalesovo Array	40.55	308	eP	P	14 01 12.8	-0.3
ZALV	comp=Z,5.0nm,0.4s,mb4.5						
MK31	Makanchi Array	43.66	299	eP	P	14 01 37.7	-0.8
MK31	Makanchi Array	43.66	299	eP	P	14 01 37.7	-0.9
MKAR	Makanchi Array	43.66	299	P	P	14 01 38.0	-0.6
MKAR	comp=Z,1.9nm,0.5s,mb4.1,baz=82,slow=9.8,SNR=26						
MKAR	Makanchi Array	43.66	299	P	P	14 01 38.0	-0.6
LSA	Lhasa	44.12	272	eP	P	14 01 43.9	+1.4
LSA	comp=Z,4.6nm,0.8s,mb4.3						
LSA	Lhasa	44.12	272	eP	P	14 01 43.9	+1.4
LSA	comp=Z,5.0nm,0.8s,mb4.3						
ILAR	Eielson Array	44.37	35	P	P	14 01 44.7	+0.7
ILAR	comp=Z,1.9nm,0.7s,mb3.5,baz=258,slow=5.0,SNR=12						
ILAR	Eielson Array	44.37	35	P	P	14 01 44.7	+0.7
CMAR	Chiang Mai Arr	44.90	253	P	P	14 01 49.2	+0.4
CMAR	comp=Z,1.8nm,0.7s,mb3.0,baz=258,slow=7.3,SNR=11						
CMAR	Chiang Mai Arr	44.90	253	P	P	14 01 49.3	+0.5
CMAR	comp=Z,7.7nm,0.5s,mb4.8						
KURK	Kurchatov	44.92	305	eP	P	14 01 47.5	-1.0
KURK	comp=Z,2.0nm,0.7s						
KURK	Kurchatov	44.92	305	eP	P	14 01 47.6	-1.0
KURK	comp=Z,7.0nm,0.6s,mb4.7						
TAPN	Taplejung	47.93	271	eP	P	14 02 13.4	+0.8
TAPN	comp=Z,1.5nm,0.8s,mb5.0						
ODAN	Odare	48.44	271	eP	P	14 02 17.1	



Table with columns: BRTR, Station Name, Time, Az, El, P, SNR, and other parameters. Includes stations like Keskin Array B, Moragy, Vri Vri Vri, etc.

Table with columns: VSU, Station Name, Time, Az, El, P, SNR, and other parameters. Includes stations like Vasula, Al-Radifah, HFS Haglors, etc.

Table with columns: KRSR, Station Name, Time, Az, El, P, SNR, and other parameters. Includes stations like Korea Array, Warramunga Arr, WRA Warramunga Arr, etc.

ISCJB 18 14:33:15.6:0.5,51:52N:0:02:6:43E, h0km, Error ellipse: s-maj=7.7km s-min=2.8km az=39.2 NEIC 18 14:33:16.4:0.5,51:61N:6:57E, h1km, ML3.2(LDG), ML2.6(SZGRF), Alter LDG.

LAUG Laupendahl 0.39 120 Pg Sg 14 33 23.5 -0.1 LAUG 147nm,0.7s 0.39 120 Pg Sg 14 33 23.5 -0.1

RODG Roetgen-Dahlhe 0.42 200 ePg Sg 14 33 26.9 +2.5 RODG Roetgen-Dahlhe 0.42 200 Pg Sg 14 33 26.9 +2.5

WTSB Winterswijk 0.49 30 Pg Sg 14 33 33.1 +1.2 WTSB Winterswijk 0.49 30 Pg Sg 14 33 33.1 +1.2

BOCH Bochum-Univer 0.55 100f ePg Sg 14 33 26.2 -0.5 BOCH Bochum-Univer 0.55 100f ePg Sg 14 33 26.2 -0.5

BNS Bnsberg 0.75 140 Sg Sg 14 33 40.7 +0.3 BNS Bnsberg 0.75 140 Sg Sg 14 33 40.7 +0.3

HOBG Hobbusch 0.81 134 ePg Sg 14 33 31.8 +0.1 HOBG Hobbusch 0.81 134 Pg Sg 14 33 31.8 +0.1

DREG Dreilaegebach 0.89 187 ePg Pg 14 33 34.6 +1.4 DREG Dreilaegebach 0.89 187 ePg Pg 14 33 34.6 +1.4

DREG Dreilaegebach 0.89 187 Pg Sg 14 33 34.6 +1.4 DREG Dreilaegebach 0.89 187 Pg Sg 14 33 34.6 +1.4







CSEM 18 18:06:00.5, 38.49N-26.56E, h6km, MD2.6, After DDA
DDA 18 18:06:00.5, 38.49N-26.56E, h6km, 1km, Md2.6, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like IZMIR, AYVALIK, AKHISAR, BOZCAADA, BALY, etc.

ISCJB 18 18:17:21.7, 0.5, 52.20N-0.07, 30.79W, h10km, mb4.1/44, MS3.5/23, Error ellipse: s-maj=11.2km

IDC 18 18:17:21.7, 0.8, 52.13N-30.77W, h0km, mb4.0/19, mb1.4/20, mb1mx4.0/36, mbtmp4.1/20, ML4.6/1, MS3.6/20, Ms1.3/6.20, ms1mx3.5/40, Error ellipse: s-maj=21.3km

CSEM 18 18:17:22.0, 0.2, 52.25N-30.76W, h2km, mb4.3/27, Ms3.3, Error ellipse: s-maj=10.3km s-min=6.2km az=32.0

INMG 18 18:17:23.0, 0.5, 53.19N-30.85W, h3km
NEIC 18 18:17:23.0, 0.4, 52.15N-30.78W, h10km, mb4.3/28, Error ellipse: s-maj=6.6km s-min=5.2km az=198.0

ISC 18 18:17:23.7, 0.5, 62.58N-0.07, 30.75W-0.09, h10km, n172, 0.92/164, mb4.1/44, MS3.4/23, Northern Mid-Atlantic Ridge

Main table of station data for the left column, including stations like BORGES, EKSKALEMUIR, QUINISTIN, SAINT GILLES, etc.

Main table of station data for the middle column, including stations like AVRIL SUR LOIR, FROEHER BEAM, LORMES, LOR, etc.

Main table of station data for the right column, including stations like BRTR, TOAO, TORODI, AR, etc.

ISCJB 18 18:23:20.9, 0.8, 38.04N-0.03, 20.20E-0.04, h3km, 3km



Table with columns for station name, frequency, power, and other technical details. Includes stations like FORT, MYDM, MBWA, MOO, JOW, etc.

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

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





18d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KHAL Karahalli, KULA Kula-Manisa.

IDC 18:19:24:12.9.3.2.4.0S:153.23E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/17, mbtmp3.8/3, Error ellipse: s-maj=131.0km s-min=45.4km az=125.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi.

IDC 18:19:25:03.0.0.8.5.20S:103.61E, h0km, mb4.3/16, mb1 4.4/16, mb1mx4.3/22, mbtmp4.3/16, Error ellipse: s-maj=35.4km s-min=12.8km az=52.0

BUI 18:19:25:05.7.5.31S:103.25E, h26km, mb4.8/1, mb4.8/4, NEIC 18:19:25:09.2.3.1.5.15S:103.67E, h40km, mb4.4/9, Error ellipse: s-maj=21.0km s-min=5.8km az=57.1

ISICJB 18:19:25:11.8.4.1.5.32S:0.06E:103.58E, h0.05, h8km, mb4.4km, mb4.3/28, Error ellipse: s-maj=12.3km s-min=4.9km az=36.7

DJA 18:19:25:12.5.38S:103.57E, h26km, MLV4.3/12, ICA 18:19:25:12.8.0.7.5.33S:0.06E:103.58E, h0.05, h78km, mb4.4km, n62, c1f04/65, mb4.3/28, Southern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LWLI Liwa, MDSI Maura Dua, MNSI Manna, KLSI Kotabumi, BLSI Bandar Lampung, KSI Kapahiang, RBBI Rajabasa, CGJI Cibinong, SBJI Serang, DBJI Dramaga, SKJI Sukabumi, CBJI Citeko, PPBI Pangkal Pinang, LEM Lembang, TPI Tanjungpandan, SDSI Tanjung Dareh, PDSI Padang, MYKOM Kota Tinggi.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MNSI Mandailing Nat, STKI Sintang, SBI Sibau, BKSI Bulukumba, MSSi Masamba, CM31 Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR Chiang Mai Arr, CHTO Chiang Mai, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

2008 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KIZT Kizilcal, SVRH Sivrihisar-ESK, KDHN Kadinhani, KDHN Kadinhani.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KDHN Kadinhani, KDHN Kadinhani, BOLV Bolvadin, BOLV Bolvadin.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BOLV Bolvadin, BOLV Bolvadin, EKST Eskisehir, SEYT Eskypehryr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SEYT Eskypehryr, SHUT Suhut-Afyon, SHUT Suhut-Afyon, KONT Konya-Tatoy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KONT Konya-Tatoy, AFSR Afar-Bala (A), AFSR Afar-Bala (A), LOD Lodumlu.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LOD Lodumlu, BORA Eskisehir, BORA Eskisehir, BORA Eskisehir.

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

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

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Table with columns: AKUT Akutan, TNA Tin City, SKAG Skagway, WRY Wherry, UNV Unalaska Lake.

Table with columns: SIT Sitka, SIT Sitka, NIKO Niregski, WRAX Wrangell Island, CRAG Craig, DLBC Dease Lake.

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BUI 18:19:43:48.0, 59.50N:152.80W, h90km, mb5.0/19, mb4.8/33, Ms4.6/9, Ms7.4/39

MOS 18:19:43:50.2, 60.59N:153.13W, h89km, mb4.6/49, Error ellipse: s-maj=10.8km s-min=3.0km az=44.4

ISICJB 18:19:43:50.4, 0.3, 59.64N:0.02, 153.12W:0.04, h88km, mb4.5/155, Error ellipse: s-maj=3.8km s-min=2.5km az=42.5

IDC 18:19:43:52.6, 0.5, 59.65N:153.05W, h99km, mb4.2/28, mb1 4.3/33, mb1mx1.3/35, mbtmp4.2/33, MS3.2/8, Ms1 3.2/8, ms1mx2.9/35, Error ellipse: s-maj=11.6km s-min=8.0km az=22.0

NEIC 18:19:43:53.1, 59.50N:152.79W, h90km, mb4.5/84, After AEIC

NEIC Fell [IV] at Homer and [III] at Seward, Fell at Anchor Point, Error ellipse: s-maj=1.5km s-min=0.8km az=44.4

SZGRF 18:19:44:00.2, 60.15N:152.68W, h94km, mb4.9, Southern Alaska, United States

ISIC 18:19:43:52.0, 0.3, 59.64N:0.02, 153.12W:0.04, h87km, mb4.5/155, 1.1km, pp-P, n606, c0883/613, mb4.5/155, 143C-88D, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RSO Redoubt South, CNPM China Foot, CNPM China Foot, BRLK Bradley Lake.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRLK Bradley Lake, SLKM Skliak Lake, SLKM Skliak Lake, KDKA Kodiak Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KDKA Kodiak Island, KDKA Kodiak Island, SVW2 Sparvevohn, SEW Sewar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SEW Sewar, FIB Fire Island, FIB Fire Island, FIB Fire Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FIB Fire Island, FIB Fire Island, SUIA Susitna One, SUIA Susitna One.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SUIA Susitna One, RC01 Rabbit Creek A, RC01 Rabbit Creek A, OHAK Old Harbor.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OHAK Old Harbor, SKT Skwentna, PMR Palmer, PMR Palmer.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PMR Palmer, SML Sawmill, SML Sawmill, PPLA Pukwille.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PPLA Pukwille, MID Middleton Isla, MID Middleton Isla, TTD Tatalina.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TTD Tatalina, TTA Tatalina, TTA Tatalina, SCM Sheep Creek Mo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SCM Sheep Creek Mo, TRF Thorofare Moun, TRF Thorofare Moun, CHUM Lake Minchum.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHUM Lake Minchum, RND Reindeer, RND Reindeer, CHGN Chignik.



















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

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

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

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

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

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

Error ellipse: s-maj=10.2km s-min=7.0km az=52.0
DJA 18 21:45:20.2,57N;99.02E,h159km,MLV3.0
ISC 18 21:45:19.8,0.3,2.60N,0.04,99.01E,0.06,h173km,3km,
n38,e078/43,mb3.6,12,Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PSI Prapat, TSI Tuntungan, MNSI Mandailing Nat, etc.

MOS 18 21:52:17.5,1.0,36.49N;171.24E,h229km,mb4.1/10, Error ellipse: s-maj=11.8km s-min=7.1km az=96.7
ISCJB 18 21:52:17.4,0.3,36.49N;171.24E,0.04,h224km,4km,
mb4.0/15, Error ellipse: s-maj=5.8km s-min=3.7km az=162.6

BUI 18 21:52:18.6,36.46N;171.32E,h217km,mb4.5/4
NEIC 18 21:52:18.3,0.6,36.49N;171.28E,h220km,6km,mb5.0/14,
Error ellipse: s-maj=7.4km s-min=4.8km az=51.0
IDC 18 21:52:18.1,6.1,36.37N;171.16E,h230km,60km,mb3.5/7,
mb1.3/8/11,mb1mx3.4/27,mb2mp3.7/11, Error ellipse:
s-maj=31.0km s-min=12.9km az=33.0
NNC 18 21:52:23.5,1.7,36.92N;171.12E,h211km,14km,mb3.4,
mpv4.7, Error ellipse: s-maj=14.2km s-min=8.3km az=3.0
ISC 18 21:52:18.3,0.3,36.51N;171.25E,0.04,h219km,4km,
n116,e115/144,mb4.0/15,11C-7D.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations in Afghanistan-Tajikistan border region like KBL Kabul, CEP Cherat, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MKK31 Makanchi Array, MKAR Makanchi Array, DANN Danging, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AQU L'Aquila, NOA NORSTAR Array B, VSL Vilasaito, etc.











G12A	baz=85,SNR=6.5	84.68	39	↑P	P	03 36 15.6	-0.3
G12A	baz=85						
GYA	Gulyang	84.74	300	eP	pmax	03 36 16.0	-0.7
GYA	comp=Z,10.0nm,1.0s,mb4.3						
I13A	Wildhorse Cree	84.81	41	↑P	P	03 36 17.0	+0.4
I13A	baz=85						
SRU	San Rafael	84.86	46	↑P	P	03 36 15.8	-1.1
SRU	baz=85						
J14A	Carey	84.89	42	↑P	P	03 36 17.5	+0.5
J14A	baz=85						
Z22A	Elephant Butte	84.89	53	↑P	P	03 36 16.8	-0.5
Z22A	baz=85						
H13A	Challis	85.05	40	↑P	P	03 36 18.2	+0.5
H13A	baz=85						
F12A	Elk City	85.05	39	↑P	P	03 36 17.0	-0.7
F12A	baz=85,SNR=9.4						
E12A	Beaver Dam Sad	85.20	38	↑P	P	03 36 18.8	+0.4
E12A	baz=85						
K15A	Arbon	85.21	43	↑P	P	03 36 18.1	-0.4
K15A	baz=85						
O17A	Robinson Place	85.22	45	↑P	P	03 36 18.7	0.0
O17A	baz=85						
I14A	Mackay	85.23	41	↑P	P	03 36 19.0	+0.3
I14A	baz=85,SNR=7.0						
324	Moseley Ranch,	85.30	55	↑P	P	03 36 18.7	-0.5
324	baz=85						
NEW	Newport	85.30	36	eP	P	03 36 19.6	+0.7
NEW	comp=Z,1.6nm,0.6s,mb3.7						
NEW	Newport	85.30	36	eP	pmax	03 36 19.6	+0.8
NEW	comp=Z,2.0nm,0.6s						
425A	Indio Mountain	85.42	56	↑P	P	03 36 20.1	+0.2
425A	baz=86						
COLA	College	85.45	13	eP	P	03 36 18.8	-0.4
COLA	comp=Z,2.9nm,0.5s,mb3.9						
COLA	College	85.45	13	eP	pmax	03 36 18.8	-0.4
COLA	comp=Z,3.0nm,0.5s,mb4.1						
MNTX	Cornudas Mount	85.48	55	↑P	P	03 36 20.0	-0.1
MNTX	baz=86						
MNTX	Cornudas Mount	85.48	55	eP	P	03 36 19.5	-0.7
MNTX	comp=Z,3.5nm,1.1s,mb3.8						
224A	Cornudas Mount	85.52	55	↑P	P	03 36 20.6	+0.3
224A	baz=86						
C11A	Tepee Creek (N	85.56	37	↑P	P	03 36 19.4	-0.7
C11A	baz=86						
ILAR	Eielson Array	85.56	13	P	P	03 36 18.0	-1.7
ILAR	comp=Z,2.3nm,0.8s,mb2.2,slow=5.7,SNR=19						
ILAR	Eielson Array	85.56	13	↑P	P	03 36 18.0	-1.7
ILAR	baz=86						
J15A	Blackfoot	85.61	42	↑P	P	03 36 20.6	+0.2
J15A	baz=86						
626A	Big Bend Ranch	85.62	57	↑P	P	03 36 21.0	+0.1
626A	baz=86,SNR=8.5						
F13A	Darby	85.62	39	↑P	P	03 36 19.4	-1.1
F13A	baz=86						
H14A	Leadore	85.62	41	↑P	P	03 36 20.0	-0.5
H14A	baz=86						
325A	Sean Ranch, Si	85.67	55	↑P	P	03 36 20.8	-0.2
325A	baz=86						
U21A	Nageezi	85.71	50	↑P	P	03 36 20.5	-0.6
U21A	baz=86						
526A	Mary Lane Ranc	85.85	57	↑P	P	03 36 22.3	+0.3
526A	baz=86						
G14A	Jackson	85.88	40	↑P	P	03 36 21.4	-0.3
G14A	baz=86						
TXAR	Lajitas Array	85.91	58	↑P	P	03 36 22.6	+0.3
TXAR	comp=Z,2.2nm,0.7s,mb3.9,slow=22.2,slow=6.9,SNR=27						
TXAR	Lajitas Array	85.91	58	eP	P	03 36 22.6	+0.3
TXAR	baz=86						
XAN	Xi'an	85.94	307	P	pmax	03 36 22.9	+0.7
XAN	comp=Z,5.0nm,1.0s,mb4.1						
XAN	Xi'an	85.94	307	eP	pmax	03 36 22.9	+0.7
XAN	comp=Z,2.7nm,0.8s						
ANMO	Albuquerque	85.97	52	eP	P	03 36 22.4	0.0
ANMO	comp=Z,4.1nm,1.2s,mb3.9						
ANMO	Albuquerque	85.97	52	eP	pmax	03 36 22.4	0.0
ANMO	comp=Z,4.0nm,1.2s						
MCMT	McKenzie Canyo	86.05	41	eP	P	03 36 22.5	0.0
MCMT	comp=Z,3.5nm,1.1s,mb3.9						
BILL	Bilbino	86.06	354	eP	SS	03 39 50.8	
BILL	SS					03 02 05.3	-0.1
BILL	SS						
H15A	Lima	86.07	41	↑P	P	03 36 23.4	+0.7
H15A	baz=86						
J16A	Bone	86.08	42	↑P	P	03 36 23.0	+0.3
J16A	baz=86						
426A	McDonald Obser	86.14	56	↑P	P	03 36 23.6	+0.3
426A	baz=86						
627A	Terlingua Ranc	86.18	58	↑P	P	03 36 24.1	+0.6
627A	baz=86						
D13A	Huson	86.21	38	↑P	P	03 36 23.7	+0.5
D13A	baz=86						
527A	Woodward Ranch	86.27	57	↑P	P	03 36 23.8	-0.1
527A	baz=86						
RR12	Red Ridge	86.30	42	eP	P	03 36 23.6	-0.2
RR12	comp=Z,1.1nm,1.3s,mb3.9						
Y24A	Capitan	86.33	53	↑P	P	03 36 23.9	-0.2
Y24A	baz=86						
G15A	Dillon	86.44	40	↑P	P	03 36 24.2	-0.1
G15A	baz=87						
E16A	Clinton	86.44	39	↑P	P	03 36 23.8	-0.5
E16A	baz=87						
I14A	Newdale	86.45	42	↑P	P	03 36 24.8	+0.4
I14A	baz=87						
628A	Black Gap, Mar	86.60	58	↑P	P	03 36 25.6	+0.1
628A	baz=87						
TPAW	Teton Pass	86.61	42	eP	P	03 36 25.0	-0.2
TPAW	comp=Z,1.8nm,1.8s,mb4.4						
REDW	Red Top Meadow	86.61	43	eP	P	03 36 25.0	-0.2
REDW	comp=Z,1.2nm,1.3s,mb4.3						
R21A	Cimarron	86.62	48	↑P	P	03 36 24.9	-0.5
R21A	baz=87						
427A	Hayter Ranch,	86.70	56	↑P	P	03 36 25.4	-0.6
427A	baz=87						
SNOW	Snow King Moun	86.72	42	eP	P	03 36 26.1	+0.4
SNOW	comp=Z,9.4nm,1.2s,mb4.3						
U23A	El Rito	86.74	50	↑P	P	03 36 25.8	-0.2
U23A	baz=87						
I18A	Toltan Ranch,	86.80	43	↑P	P	03 36 26.3	+0.2
I18A	baz=87						
IMW	Indian Meadow	86.81	42	eP	P	03 36 25.9	-0.2
IMW	comp=Z,3.0nm,0.8s,mb4.0						
MOOW	Moosie Ponds	86.86	42	eP	P	03 36 26.3	-0.1
MOOW	comp=Z,2.0nm,1.0s,mb3.7						
S22A	4UR Ranch, Cre	86.87	49	↑P	P	03 36 26.2	-0.3
S22A	baz=87						
LOHW	Long Hollow	86.89	42	eP	P	03 36 26.1	-0.4
LOHW	comp=Z,1.8nm,0.6s,mb3.9						
HHC	Hu-ho-hao-te	86.92	314	eP	S	03 36 28.5	+1.8
HHC	SS					03 45 58.3	
HHC	SS					03 46 17.4	-1.9
HHC	comp=Z,14nm,1.1s,mb4.5						
HHC	pmax						
528A	Cox Ranch, San	86.93	57	↑P	P	03 36 26.9	-0.2
528A	baz=87						
H16A	Russell Place,	86.99	41	↑P	P	03 36 27.5	+0.5
H16A	baz=87						
FLWY	Flagg Ranch	87.05	42	eP	P	03 36 27.6	+0.3
FLWY	comp=Z,25nm,1.6s,mb4.6						
J18A	Kendall Valley	87.08	43	↑P	P	03 36 27.3	-0.2
J18A	baz=87						
R22A	Saguache, Gunn	87.12	49	↑P	P	03 36 28.5	+0.7
R22A	baz=87						
BW06	Boulder Array	87.18	43	↑P	P	03 36 27.2	-0.7
BW06	baz=87						
BW06	Boulder Array	87.18	43	eP	P	03 36 27.2	-0.7
BW06	comp=Z,6.1nm,1.1s,mb4.1						
PDAR	Pinedale Array	87.18	43	eP	P	03 36 27.3	-0.6
PDAR	comp=Z,1.8nm,0.5s,mb3.9,slow=22.1,slow=3.8,SNR=16						
BI4A	Marquette Ranch	87.54	37	↑P	P	03 36 28.9	-0.6
BI4A	baz=88						
KMI	Kunming	87.55	297	P	pmax	03 36 30.9	+0.9
KMI	comp=Z,12nm,1.1s,mb4.5						
W25A	X Bar L Ranch,	87.58	52	↑P	P	03 36 29.4	-0.6
W25A	baz=88						
E16A	East Helena	87.59	39	↑P	P	03 36 29.2	-0.5
E16A	baz=88						
C15A	Salmond Ranch,	87.64	38	↑P	P	03 36 30.1	+0.2
C15A	baz=88						
L20A	Wamsutter	87.65	45	↑P	P	03 36 30.6	+0.5

J19A	Crowheart	87.73	43	↑P	P	03 36 30.0	-0.5
J19A	baz=88						
SDCO	Great Sand Dun	87.83	49	↑P	P	03 36 30.9	-0.2
SDCO	baz=88						
SDCO	Great Sand Dun	87.83	49	eP	P	03 36 31.0	-0.1
SDCO	comp=Z,4.3nm,1.6s,mb3.9						
F17A	Fitzpatrick Pl	87.92	40	↑P	P	03 36 31.4	+0.1
F17A	baz=88						
O22A	Kremmling	88.08	47	↑P	P	03 36 32.5	+0.3
O22A	baz=88						
I19A	Meeteetse	88.12	43	↑P	P	03 36 32.6	+0.4
I19A	baz=88						
J20A	Shoshoni	88.41	43	↑P	P	03 36 33.6	0.0
J20A	baz=88						
N22A	Wattenberg Ran	88.41	46	↑P	P	03 36 33.9	+0.2
N22A	baz=88						
D17A	Six Diamond Ra	88.48	39	↑P	P	03 36 34.1	+0.2
D17A	baz=88						
CMAR	Chiang Mai Arr	88.64	290	P	P	03 36 35.4	+0.1
CMAR	comp=Z,4.7nm,0.8s,mb4.3,slow=11.0,slow=2.7,SNR=19						
K21A	Chiang Mai Arr	88.64	290	P	P	03 36 35.4	+0.1
K21A	baz=89	88.65	44	↑P	P	03 36 35.4	+0.1
K21A	baz=89						
CHTO	Chiang Mai	88.75	290	eP	P	03 36 35.9	+0.1
CHTO	comp=Z,1.1nm,1.0s,mb4.7						
CHTO	Chiang Mai	88.75	290	eP	pmax	03 36 35.9	+0.1
CHTO	comp=Z,1.1nm,1.0s,mb4.6						
CHTO	Chiang Mai	88.75	290	P	P	03 36 36.5	+0.7
J21A	Lysite	88.82	44	↑P	P	03 36 35.9	+0.3
J21A	baz=89						
A17A	Triple J Farms	89.32	38	↑P	P	03 36 37.3	-0.4
A17A	baz=90						
L23A	Garrett	89.47	45	↑P	P	03 36 38.6	0.0
L23A	baz=90						
SYO	Syowa Base	89.48	193	eP	P	03 36 36.4	-1.8
J22A	Midwest	89.49	44	↑P	P	03 36 38.2	-0.5
J22A	baz=90						
C19A	Slack Wire Ran	89.74	39	↑P	P	03 36 39.9	+0.2
C19A	baz=90						











Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JOF Joensuu, FIAO FINESS Array S, KAF Kangasniemi, etc.

ISCJB 19 09:34:20.2, 0.7, 1.2N, 0.1, 27.0W, 0.1, h10km, mb4.1/12, MS3.8/13, Error ellipse: s-maj=23.1km s-min=11.7km az=143.3

IDC 19 09:34:21.0, 0.8, 1.34N, 27.08W, h0km, mb3.9/8, ms1 3.8/15, ms1mx3.9/24, mbtmp4.09, ML4.3/1, MS3.8/13, MS1 3.8/15, ms1mx3.7/23, Error ellipse: s-maj=37.1km s-min=17.2km az=146.0

NEIC 19 09:34:21.6, 0.6, 1.17N, 27.05W, h10km, mb4.7/3, Error ellipse: s-maj=23.2km s-min=10.5km az=140.0

ISC 19 09:34:21.4, 0.6, 1.1N, 0.1, 27.0W, 0.1, h10km, n29, r102R, mb4.1/12, MS3.8/13, 1D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RCBR Riachuelo, SACV Santiago Islan, BBTS Babate, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CPUP Villa Florida, ESCD Sonsea Array, LPAZ La Paz, etc.

IDC 19 09:47:13.8, 0.6, 1.5, 20S, 173.34W, h0km, mb4.2/11, mb1 4.4/11, mb1mx3.2/21, mbtmp4.2/11, MS3.6/12, Ms1 3.6/12, ms1mx3.5/23, Error ellipse: s-maj=29.3km s-min=14.5km az=133.0

ISCJB 19 09:47:17.4, 0.3, 1.5, 23S, 0.1, 10, 173.52W, 0.09, h33km, mb4.5/47, MS3.7/13, Error ellipse: s-maj=17.7km s-min=7.5km az=139.2

NEIC 19 09:47:19.2, 0.2, 1.5, 24S, 173.47W, h35km, mb4.6/34, Error ellipse: s-maj=13.4km s-min=4.8km az=137.0

Bull 19 09:47:28.2, 1.5, 20S, 173.50W, h65km, mb5.1/7, mb5.0/11, Ms4.7/4, Ms7.4/4

ISC 19 09:47:19.4, 0.3, 1.5, 23S, 0.1, 10, 173.51W, 0.09, h35km, n318, c0840/311, mb4.5/47, MS3.7/13, 112C-107D, Tonga Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like S13A Holt Ranch, 218A Dragon, I07A Ize, etc.





ISC 19 10:47:09.0-5.39,46N:0'03:28.18E:0.04,h19km,4km,  
n38, c1504/55, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like DURS Dursunbey, BALB Balikesir, DEMI Demirci, GONE Genen-Balikesi, etc.

ISC/JB 19 10:56:31.4-1.24,02N:0'02:12.35E:0.02,h15km,8km,  
Error ellipse: s-maj=3.3km s-min=2.6km az=160.7

TAP 19 10:56:31.3,24.05N:122'30E,h14km,1km,ML2.8,D  
JMA 19 10:56:32.7-0.34,16N:122'34E,h27km,ML1.9

ISC 19 10:56:31.0-0.5,24.04N:0'02:12.34E:0.02,h12km,3km,  
n35, c0566/63, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ENA Nanau, TWD Chiawan, YOG Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TWG Pinlang, WTP Taupu, CHN1 Nanshi, etc.

ISK 19 11:01:20.2,38'53N:37'15E,h12km,MD3.0  
ISC/JB 19 11:01:22.4-0.5,38'37N:0'03:37.21E:0.04,h10km,Error  
ellipse: s-maj=5.2km s-min=3.7km az=29.1

CSEM 19 11:01:22.2-0.3,38'47N:37'19E,h30km,MD3.0,Error  
ellipse: s-maj=8.7km s-min=6.1km az=21.0

DDA 19 11:01:23.3,38'31N:37'09E,h19km,6km,MD3.0  
ISC 19 11:01:23.0-0.5,38'36N:0'04:37.20E:0.04,h10km,n25,  
c1903/36, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like SAR1 SarDiz-Kayseri, AKCD Akcadag, KMR5 Kahramanmaras, etc.

IDC 19 11:04:31.8-1.7,7'30N:73'57W,h149km,102km,  
mb1 3.9/1,mb1mx3/0.23,mbtmp4.2/1,Error ellipse:  
s-maj=925.9km s-min=78.7km az=110.0

ISC/JB 19 11:04:33.5-0.8,6'87N:0'07:72.91W:0.09,h159km,10km,  
Error ellipse: s-maj=16.4km s-min=7.9km az=37.6

FUNV 19 11:04:37.8,7'04N:72'87W,h155km,MM4.0  
ISC 19 11:04:34.3-0.8,6'87N:0'07:72.91W:0.09,h157km,10km,  
n24, c0587/27, 10C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CAPV Capacho, ROSC El Rosal, SOCV Socops, etc.

THE 19 11:19:11.9,43'76N:19'20E,h0km,11km,Error ellipse:  
s-maj=18.0km s-min=2.2km az=305.0

ISC/JB 19 11:19:12.5-0.3,43'60N:0'01:19.55E:0.02,h5km,2km,  
Error ellipse: s-maj=2.5km s-min=1.9km az=15.5

BEO 19 11:19:13.4-0.3,43'58N:19'51E,h6km,2km,ML3.7/14  
CSEM 19 11:19:13.1-0.1,43'58N:19'59E,h2km,ML3.5/7,Error  
ellipse: s-maj=3.0km s-min=2.2km az=95.0

NEIC 19 11:19:13.1,43'58N:19'55E,h3km,ML3.5(PDG),After  
PDG

PDG 19 11:19:13.1-0.7,43'58N:19'55E,h3km,2km,MD3.5/9,  
ML3.5/7,Error ellipse: s-maj=1.0km s-min=1.8km az=0.0

SKO 19 11:19:15.5,43'62N:19'60E,h10km,ML2.7,ML3.3  
PRU 19 11:19:16.0,43'70N:19'53E,h2km

TIR 19 11:19:20.2,43'40N:19'44E,h0km,6km,ML4.0  
ISC 19 11:19:13.7-0.3,43'60N:0'01:19.56E:0.02,h4km,2km,  
n158, c1923/247, 27C-37D, Northwestern Balkan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like PLE Plijevja, BBL5 Lazii#263;i, DIVS Divibare, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like UPM Unac-Piva, BEY Berane, BRY Bratogost, etc.

SOKA Soboth	4.44 316	fPn	Pn	11 20 21.7	-0.1
SOKA		fSn	Sn	11 21 09.2	-4.7
SOKA Soboth	4.44 316	fPn	Pn	11 20 21.7	0.0
JAVS Javornik	4.54 302	fPn	Pn	11 20 23.3	+0.5
JAVS		fSn	Sn	11 21 13.2	-3.0
JAVS Javornik	4.54 302	fPn	Pn	11 20 23.3	+0.5
OBKA Obir	4.59 311	fPn	Pn	11 20 24.2	+0.5
OBKA Obir	4.59 311	fPn	Pn	11 20 24.2	+0.5
SOP Sopron	4.60 334	eSn	Sn	11 21 18.5	+0.9
SOP Sopron	4.60 334	eSn	Sn	11 21 18.5	+0.9
ARSA Arzberg	4.63 324	ePn	Pn	11 20 24.3	+0.9
ARSA Arzberg	4.63 324	ePn	Pn	11 21 13.6	-4.7
VOYA Arzberg	4.63 324	ePn	Pn	11 20 24.5	+0.2
VOYA Vojsko	4.71 303	ePn	Pn	11 20 26.5	+1.1
VOY		e(Sn)	Sn	11 21 22.5	+2.2
VOY		e(Sn)	Sn	11 21 22.5	+2.2
VOY Vojsko	4.71 303	ePn	Pn	11 20 26.5	+1.1
ZST Bratislava	4.91 340	eSn	Sn	11 21 22.0	-3.3
ZST Bratislava	4.91 340	eSn	Sn	11 21 22.0	-3.3
VYHS Vyhne	4.92 354	ePn	Pn	11 20 27.8	-0.5
VYHS Vyhne	4.92 354	ePn	Pn	11 20 27.8	-0.5
VYHS Vyhne	4.92 354	ePn	Pn	11 20 27.8	-0.5
VYHS Vyhne	4.92 354	ePn	Pn	11 20 27.8	-0.5
KECS Kecovo	4.93 7	ePn	Pn	11 20 28.5	+0.1
KECS Kecovo	4.93 7	ePn	Pn	11 20 28.5	+0.1
CONA Conrad Observa	5.04 330	fPn	Pn	11 20 29.4	-0.6
CONA Conrad Observa	5.04 330	fPn	Pn	11 20 29.4	-0.6
CONA Conrad Observa	5.04 330	fPn	Pn	11 20 29.4	-0.6
CRVS Cervenica-Dubn	5.47 13	ePn	Pn	11 20 36.0	+0.2
CRVS Cervenica-Dubn	5.47 13	ePn	Pn	11 20 36.0	+0.2
CRVS Cervenica-Dubn	5.47 13	ePn	Pn	11 20 36.0	+0.2
CRVS Cervenica-Dubn	5.47 13	ePn	Pn	11 20 36.0	+0.2
MOLLIN Mollin	5.64 321	fPn	Pn	11 20 38.1	0.0
MOLLIN Mollin	5.64 321	fPn	Pn	11 20 38.1	0.0
KOLS Kolonicke sedl	5.66 18	ePn	Pn	11 20 40.6	+2.1
KOLS Kolonicke sedl	5.66 18	ePn	Pn	11 20 40.6	+2.1
KOLS Kolonicke sedl	5.66 18	ePn	Pn	11 20 40.6	+2.1
KOLS Kolonicke sedl	5.66 18	ePn	Pn	11 20 40.6	+2.1
ABTA Abfaltersbach	5.89 305	fPn	Pn	11 20 42.6	+0.5
ABTA Abfaltersbach	5.89 305	fPn	Pn	11 20 42.6	+0.5
KHC Kasperske Hory	6.91 325	ePn	Pn	11 20 48.3	+2.7
KHC Kasperske Hory	6.91 325	ePn	Pn	11 20 48.3	+2.7
KHC Kasperske Hory	6.91 325	ePn	Pn	11 20 48.3	+2.7
KHC Kasperske Hory	6.91 325	ePn	Pn	11 20 48.3	+2.7
Dobruska-Polom	7.11 343	ePn	Pn	11 20 59.4	+1.1
Dobruska-Polom	7.11 343	ePn	Pn	11 20 59.4	+1.1
PGF Pioggiola	7.80 266	eP	Pn	11 21 08.8	+1.0
PGF Pioggiola	7.80 266	eP	Pn	11 21 08.8	+1.0
PGF Pioggiola	7.80 266	eP	Pn	11 21 08.8	+1.0
PGF Pioggiola	7.80 266	eP	Pn	11 21 08.8	+1.0
SBF Sospel	8.78 276	eP	Pn	11 21 18.7	-2.6
MBDF Montbardon	9.26 281	eP	Pn	11 21 29.9	+2.1
MBDF Montbardon	9.26 281	eP	Pn	11 21 29.9	+2.1
MBDF Montbardon	9.26 281	eP	Pn	11 21 29.9	+2.1
MBDF Montbardon	9.26 281	eP	Pn	11 21 29.9	+2.1
LPG La Plagne	9.34 286	eP	Pn	11 21 31.3	+2.4
LPG La Plagne	9.34 286	eP	Pn	11 21 31.3	+2.4
LPG La Plagne	9.34 286	eP	Pn	11 21 31.3	+2.4
LPG La Plagne	9.34 286	eP	Pn	11 21 31.3	+2.4
LPL La Plagne	9.36 286	eP	Pn	11 21 31.4	+2.3
LPL La Plagne	9.36 286	eP	Pn	11 21 31.4	+2.3
CHF Champ du Feu	9.80 304	eP	Pn	11 21 36.2	+0.9
CHF Champ du Feu	9.80 304	eP	Pn	11 21 36.2	+0.9
HINF Hinteralfeld	9.84 300	eP	Pn	11 21 36.3	+0.6
HINF Hinteralfeld	9.84 300	eP	Pn	11 21 36.3	+0.6
ORIF Oris-en-Rattie	9.90 282	eP	Pn	11 21 36.2	-0.4
ORIF Oris-en-Rattie	9.90 282	eP	Pn	11 21 36.2	-0.4
ORIF Oris-en-Rattie	9.90 282	eP	Pn	11 21 36.2	-0.4
ORIF Oris-en-Rattie	9.90 282	eP	Pn	11 21 36.2	-0.4
HOU Haudompre	10.22 300	eP	Pn	11 21 41.0	0.0
HOU Haudompre	10.22 300	eP	Pn	11 21 41.0	0.0

ISCJB 19 11:26:46.6:0.5,37.94N:01:02:30.95E:0.04,h4km,6km,  
 Error ellipse: s-maj=5.1km s-min=3.9km az=23.4  
 CSEM 19 11:26:46.4:0.1,37.93N:30:92E,h10km,MD2.9,Error  
 ellipse: s-maj=3.5km s-min=2.8km az=94.0  
 ISK 19 11:26:46.1,37.93N:30:91E,h9km,MD2.9  
 DDA 19 11:26:47.5,37.96N:30:98E,h7km,3km,MD2.9  
 ISC 19 11:26:47.2:0.5,37.93N:01:02:30.93E:0.04,h10km,6km,  
 n22,+0998/40,Turkey

GUMO Guam	17.52 17	LR	LR	11 41 41.9
ASAR Alice Springs	21.04 195	P	P	11 35 50.1 +0.6
ASAR	11m,0.7s,baz=23,slow=11,SNR=6	S	S	11 39 38.4 -6.3
STKA Stephens Creek	28.52 177	LR	LR	11 48 18.2
KSR5 Korea Array	41.95 346	LR	LR	11 53 50.2
PETK Petropavlovsk	58.18 13	LR	LR	12 05 57.3
MKAR Makarhi Array	70.81 322	P	P	11 42 22.9 +0.5
ILAR Eielson Array	85.94 24	P	P	11 43 45.5 -0.2
	0.2nm,0.5s,baz=260,slow=4.1,SNR=5.6			

ISCJB 19 11:50:33.0:0.8,38.98N:01:04:38.18E:0.07,h26km,7km,  
 Error ellipse: s-maj=9.4km s-min=6.0km az=6.1  
 CSEM 19 11:50:32.5:0.1,38.95N:38:17E,h26km,1km,MD3.0,  
 Error ellipse: s-maj=3.2km s-min=2.1km az=82.0  
 ISK 19 11:50:32.0,38.95N:38:13E,h25km,MD2.8  
 DDA 19 11:50:33.8,38.92N:38:27E,h7km,1km,MD3.0  
 ISC 19 11:50:33.1:0.8,38.97N:01:04:38.18E:0.07,h26km,7km,  
 n16,+0962/28,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time Res
KEMA	Kemaliye	0.38	39	Op	11 50 41.5 +0.1
KEMA	Kemaliye	0.38	39	iP	11 50 47.6 +0.5
KEMA	Kemaliye	0.38	39	iP	11 50 41.5 +0.1
KEMA	Kemaliye	0.38	39	iP	11 50 47.6 +0.5
MYA	Malatya	0.68	164	eP	11 50 45.8 -0.5
MYA	Malatya	0.68	164	eP	11 50 56.2 +1.0
MYA	Malatya	0.68	164	eP	11 50 45.8 -0.5
MYA	Malatya	0.68	164	eP	11 50 56.2 +1.0
MALT	Malatya	0.69	164	eP	11 50 46.0 -0.5
MALT	Malatya	0.69	164	eP	11 50 55.8 +0.2
MALT	Malatya	0.69	164	eP	11 50 46.0 -0.5
MALT	Malatya	0.69	164	eP	11 50 55.8 +0.2
AKCD	Akcadag	0.71	197	iP	11 50 46.2 -0.6
AKCD	Akcadag	0.71	197	iP	11 50 57.1 -0.9
AKCD	Akcadag	0.71	197	iP	11 50 46.2 -0.6
AKCD	Akcadag	0.71	197	iP	11 50 57.1 -0.9
ELZG	Elazig	0.79	127	iS	11 50 57.1 +0.9
ELZG	Elazig	0.79	127	iS	11 50 57.2 +1.6
ELZG	Elazig	0.79	127	iS	11 50 57.1 +0.9
ELZG	Elazig	0.79	127	iS	11 50 57.2 +1.6
SVRC	Sivrice-ELAZID	1.06	124	ePn	11 50 51.9 -0.4
SVRC	Sivrice-ELAZID	1.06	124	ePn	11 51 06.7 +0.5
SVRC	Sivrice-ELAZID	1.06	124	ePn	11 50 51.9 -0.4
SVRC	Sivrice-ELAZID	1.06	124	ePn	11 51 06.7 +0.5
SVSK	Karacayir	1.31	316	ePn	11 51 05.7 +0.5
SVSK	Karacayir	1.31	316	ePn	11 51 05.7 +0.5
BAYT	Ayd-n-tepe-Bay	2.07	46	ePn	11 51 07.1 +0.9
BAYT	Ayd-n-tepe-Bay	2.07	46	ePn	11 51 07.1 +0.9

ISCJB 19 11:54:11.8:0.5,15.36N:01:04:94.25W:0.03,h55km,4km,  
 mb4.2/30,MS3.2/5,Error ellipse: s-maj=7.4km  
 s-min=3.4km az=32.1  
 MEX 19 11:54:12.5:1.5,15.33N:94:32W,h20km,47km,MD4.1  
 NEIC 19 11:54:12.8:0.5,15.32N:94:29W,mb4.3/20,MD4.1(MEX),  
 Error ellipse: s-maj=11.6km s-min=6.6km az=212.0  
 IDC 19 11:54:13.3:0.8,15.45N:94:17W,h68km,6km,mb3.8/14,  
 mb1.4/0.17,mb1mx3.9/25,mbmp3.8/17,MS3.2/7,  
 Ms1.3/2.7,ms1mx3.0/30,Error ellipse: s-maj=16.8km  
 s-min=1.1km az=33.0  
 CASC 19 11:54:16.8:1.3,15.26N:93:99W,h64km,132km,MD4.3,  
 mb4.3(NEIC)  
 SSS 19 11:54:16.5,14.95N:94:03W,h103km  
 ISC 19 11:54:13.1:0.4,15.42N:01:04:94.25W:0.03,h44km,4km,  
 h64km,6km;pp:N202,+112/20,mb4.2/30,MS3.2/5,  
 60C-49D,Near coast of Oaxaca

Code	Station Name	Δ°	AZ°	Phase ID	Time Res
PCIG	Matias Romero	1.04	74	Op	11 54 42.9 +1.2
PCIG	Matias Romero	1.04	74	iP	11 54 42.9 +1.2
TGIG	Matias Romero	1.73	39	iP	11 54 40.4 -0.3
TGIG	Matias Romero	1.73	39	iP	11 55 01.3 -0.3
CMIG	Matias Romero	1.77	340	P	11 54 40.2 -1.1
	109nm,0.3s,baz=162,slow=10,SNR=779				
HUIG	Huatulco	1.82	281	eP	11 55 01.5 -1.1
HUIG	Huatulco	1.82	281	eP	11 54 39.0 -2.9
HUIG	Huatulco	1.82	281	eP	11 54 58.9 -5.4
HUIG	Huatulco	1.82	281	eP	11 54 59.9 -3.9
THIG	Huatulco	1.99	105	eP	11 54 42.6 -1.7
THIG	Huatulco	1.99	105	eP	11 55 06.0 -1.9
SCX	San Cristobal	2.03	50	iP	11 54 44.5 -0.4
SCX	San Cristobal	2.03	50	iP	11 55 11.4 +2.4
SCX	San Cristobal	2.03	50	iP	11 54 55.3 +0.4
SCX	San Cristobal	2.03	50	iP	11 55 11.4 +2.4
CCIG	Comitan	2.21	67	eP	11 54 47.8 +0.5
CCIG	Comitan	2.21	67	eP	11 55 14.5 +1.1
CCIG	Comitan	2.21	67	eP	11 54 47.8 +0.5
CCIG	Comitan	2.21	67	eP	11 55 14.5 +1.1
OXX	Oaxaca	2.86	305	eP	11 54 57.6 +0.9
OXX	Oaxaca	2.86	305	eP	11 55 27.1 -3.1
OXX	Oaxaca	2.86	305	eP	11 54 57.6 +0.9
OXX	Oaxaca	2.86	305	eP	11 55 27.1 -3.1
VHO	Vista Hermosa	2.89	305	iP	11 55 28.3 -2.0
VHO	Vista Hermosa	2.89	305	iP	11 54 57.2 +0.5
VHO	Vista Hermosa	2.89	305	iP	11 55 28.3 -2.0
VHO	Vista Hermosa	2.89	305	iP	11 54 57.2 +0.5
TP2	Tepecan 2	3.19	101	eP	11 55 02.6 +1.9
TP2	Tepecan 2	3.19	101	eP	11 55 04.5 +1.2
FUG	Fuego 3	3.44	206	eP	11 55 09.9 +1.6
PCG	Pacaya	3.67	106	eP	11 55 07.9 +0.3
APG	El Apazote	3.68	96	P	11 55 50.1 +0.4
	41nm,0.3s,baz=300,slow=10,SNR=205				
PNIG	Pinotefe	3.85	285	eP	11 55 07.9 -2.0
PNIG	Pinotefe	3.85	285	eP	11 55 50.4 -3.5
PNIG	Pinotefe	3.85	285	eP	11 55 07.9 -2.0
PNIG	Pinotefe	3.85	285	eP	11 55 50.4 -3.5
TPIG	Tehuacfan	4.21	314	iS	11 56 01.1 -2.7
TPIG	Tehuacfan	4.21	314	iS	11 56 00.1 -2.7
MRL	Marmol	4.42	94	eP	11 55 18.4 +0.7
RBDL	Robledal	4.61	106	eP	11 55 20.8 +0.5
RBDL	Robledal	4.61	106	eP	11 56 11.3 -1.2
RYR	El Retiro	4.71	108	eP	11 55 22.1 +0.5
SBL	San Blas	4.75	109	eP	11 55 23.5 +1.9
SNTJ	San Jose	4.75	108	eP	11 55 22.6 +0.3
BOQS	Boqueron	5.10	109	eP	11 55 28.2 +1.2
BOQS	Boqueron	5.10	109	eP	11 56 22.8 -1.9
LBRS	Las Brisas	5.31	108	eP	11 55 30.5 +0.5
LFRS	El Faro	5.34	109	eP	11 55 30.0 -1.0
ACX	Acapulco	5.48	286	iP	11 55 27.3 -2.3
ACX	Acapulco	5.58	286	iP	11 55 31.2 -2.3
TGHL	Tequiguilpa,Un	6.89	100	ePn	11 55 53.8 +2.2
TEIG	Tepechin	7.43	49	P	11 55 57.0 -2.0
	123nm,0.3s,baz=252,slow=0.7,SNR=57				
TEIG	Tepechin	7.43	49	P	11 57 20.3 -1.7
	52nm,0.3s,baz=26,slow=18,SNR=16				
TEIG	Tepechin	7.43	49	P	11 59 12.7
JTS	Juntas Abangare	10.40	118	ePn	11 55 47.1 -1.9
JTS	Juntas Abangare	10.40	118	ePn	11 56 40.3 +0.5
	4.1nm,0.3s,baz=324,slow=19,SNR=10				
JTS	Juntas Abangare	10.40	118	ePn	12 00 27.4
628A	Black Gap, Mar	16.10	332	iP	11 57 57.3 +0.9
627A	Terlingua Ranc	16.31	330	iP	11 58 00.7 +1

19d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Willow Gulch B, Mexican Hat, Harvey Farm, Paradox Valley, Navajo Res., Snowmass, Idaho Springs, Curley Farm, North Rim, Big Chuckawall, Mt Trumbull, Red Dirt Ranch, Hogan Spring, Hanksville Air, Cedar City, Spence Gulch, Separation Pea, O'Grain Ranch, Lysite, Pinedale Array, Malta, Mina Array, Teton Pass, Powell, Blackfoot, Nevadale, Shoshone NF, Roth Farm, Agmazz Nation, Hailey, Big Timber, Cohagen, McKenzie Canyo, Fitzpatrick Pl, Dillon, Atlanta, Challis, Vida, Harlowton, Diamond D Ranc, Cripps Ranch, Martinsdale, Wild Horse Val, Linhart Farms, Circle Bar Ran, Lac du Bonnet, Wharram Farm, Elk City, Detroit Lake, La Paz, Yellowknife Ar, Villa Florida, Brasilia, Paso Flores, Elsieon Array, Dimbokro, Geres Array B, Geres Array A, Stephens Creek, Warramunga Arr, Alice Springs, Chiang Mai Arr.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Uakit, Ulyunghan, Kumora, Uoyan, Nizh Angarsk, Nelyat, Suvo, Chita, Bodaibo, Maximikha, Ongureny, Chara, Tupik, Zarechye, Khani, Ulan-Yde, Ulyunghan, Kumora, Uoyan, Nizh Angarsk, Nelyat, Suvo, Chita, Bodaibo, Maximikha, Ongureny, Chara, Tupik, Zarechye, Khani, Ulan-Yde.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Tyrgan, Kabansk, Khuramsha, Khapcheranga, Listvyanka, Talaya, Tynda, Chu' man, Zakamensk, Mondy, Ulanbaatar, Oriik, Kop Dag, Besiri, Diyarbakir, Pertek, Hanur-Agry, Sivrice-ELAZID, BINGOL, Bingol, Kop Dag, Besiri, Diyarbakir, Pertek, Hanur-Agry, Sivrice-ELAZID, Butuan, Surigao, Musuan, Cotoan, TBS2, Volcan, Cerro Adams, Urasco, Quepos, Escuela Geolog, Bijagua, Puriscal, Zalesovo Beam, Cerro Gallo 2, Jicar, Mananchi Array, Zalesovo Beam, Warramunga Arr.











1.0nm,0.5s,baz=21,slow=11,SNR=7.0  
**JOW** Kunigami 31.14 341 LR 15 59 23.6  
 comp=Z,1.17nm,21.1s,slow=31  
**MKAR** Makanchi Array 70.09 322 P 15 54 38.9 +0.1  
 0.3nm,0.4s,baz=39,slow=3,SNR=2.6  
**ILAR** Eielson Array 85.42 24 P P 15 56 03.8 0.0  
 0.3nm,0.8s,baz=244,slow=5.0,SNR=3.7

*ISCJB 19 16:09:01.9\_1.2, 16.9S:0.2x16.0W:0.3, h10km, mb4.0/7, MS3.5/4, Error ellipse: s-maj=37.6km s-min=22.2km az=12.1*

*NEIC 19 16:09:03.4\_1.2, 16.94S:15.98W, h10km, mb4.2/3, Error ellipse: s-maj=36.8km s-min=21.2km az=10.0*

*IDC 19 16:09:05.1\_6.7, 16.70S:15.49W, h0km, mb4.1/3, mb1.4/1.3, mb1mx3.7/1.8, mbtmp.4/1.3, MS3.5/4, Ms1.3/5.4, ms1mx3.1/3.0, Error ellipse: s-maj=176.0km s-min=38.1km az=68.0*

*ISC 19 16:09:03.6\_1.2, 16.9S:0.2x16.0W:0.3, h10km, n11, #082/8, mb4.0/7, MS3.5/4, Southern Mid-Atlantic Ridge*

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BDBF	Brasilia	30.76	268	LR	16 25 24.7	
TORD	Torodi Ar. Bea	34.62	31	P	16 15 51.9 -1.3	
TORR	Torodi Ar. Bea	61.57	285	LR	16 27 32.2	
BOSA	Boshof	39.58	115	P	16 16 35.5 +0.2	
BOSA	Boshof	42.40	94	P	16 16 58.4 +0.2	
LSZ	La Paz	49.85	263	LR	16 38 29.1	
ROSC	El Rosal	61.57	285	LR	16 45 24.8	
BRTR	Keskin Array B	72.90	38	P	16 20 34.5 +1.6	
QSPA	South Pole Qui	73.24	180	P	16 20 33.7 -0.8	
AKASG	Malin Array Be	78.17	27	P	16 21 02.9 +0.1	
SBA	Scott Base	85.39	181	P	16 21 41.1 +0.4	

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PWJJI	Pacitan	0.70	353	Op	16 15 44.8 +1.4	
PWJJI	Pagerjowo	1.02	32	P	16 16 00.6 -0.2	
UGM	Wanagama	1.21	323	S	16 16 04.8 -0.9	
KRKK	Karangates	1.38	58	P	16 15 52.7 -0.1	
NGJI	Ngawi	1.53	8	P	16 16 01.5 +6.7	
SMRI	Semarang	2.00	336	P	16 16 01.6 +0.3	
BJII	Banjamegara	2.18	31	P	16 16 03.4 -0.4	
GMJI	Gumukmas	2.25	74	P	16 16 03.7 -1.0	

*IDC 19 16:21:09.5\_6.5, 31.68S:179.75E, h397km, 71km, mb2.6/2, mb1.3/0.3, mb1mx2.9/1.5, mbtmp.3/0.9, Error ellipse: s-maj=79.6km s-min=38.4km az=11.0*

*ISC 19 16:21:16.1\_3.7, 32.1S:0.2x179.3E:0.5, h448km, 42km, n19, #074/22, mb3.0/2, South of Kermadec Islands*

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
MWZ	Matawai	6.41	193	ePN	16 22 55.0 +0.2	
MWZ	Matawai	6.42	196	ePN	16 22 52.7 -2.0	
URZ	Urewera	5.2m, 0.3s, baz=248, slow=8.2, SNR=4.2		S	16 24 15.3 0.0	
URZ	Urewera	6.42	196	ePN	16 22 53.9 -0.8	
CNGZ	Carnagh Stump	6.46	188	PN	16 22 55.8 +0.8	
NMHZ	Naumai	7.29	195	PN	16 23 05.1 +1.2	
BKZ	Black Statio Fm	7.43	197	PN	16 23 05.0 -0.4	
BKZ	Black Statio Fm	7.43	195	PN	16 24 35.3 +0.4	
MCHZ	McNeill Hill	7.65	195	PN	16 23 08.3 +0.6	
BHZ	Black Hill Sta	7.85	199	PN	16 23 08.7 -1.2	
KAZH	Kahuranaki	7.95	194	PN	16 23 11.0 +0.1	
PXZ	Pawarui	8.18	193	PN	16 23 13.6 +0.1	
BFZ	Birch Farm	8.93	195	ePN	16 23 21.4 -0.1	
MRZ	Mangatainoka R	9.08	198	ePN	16 23 21.4 -1.8	
TIWZ	Tiitoko	9.11	197	ePN	16 23 24.1 +0.6	
TUWZ	Tuamarina	10.27	203	PN	16 23 35.6 -0.6	
QRZ	Quartz Range	10.29	210	PN	16 23 37.3 +0.9	
THZ	Topohue	10.93	206	PN	16 23 43.7 +0.9	
ASAR	Alice Springs	40.75	270	P	16 28 17.3 +0.4	
ASAR	Alice Springs	0.3nm, 0.8s, mb2.8, baz=108, slow=7.5, SNR=5.5		PcP	16 30 07.5 -0.4	
WRA	Warramunga Arr	41.89	276	P	16 28 25.7 -0.4	
FINES	FINES Array B	145.85	337	PKPbc	16 40 00.7 -3.1	

*IDC 19 16:29:29.4\_0.8, 31.14N:103.69E, h0km, mb3.9/10, mb1.3/9/12, mb1mx3.8/2.7, mbtmp.3/9/12, ML3.2/2, MS3.3/4, Ms1.3/3.4, ms1mx2.8/3.8, Error ellipse: s-maj=26.6km s-min=15.0km az=48.0*

*BUI 19 16:29:30.4, 31.18N:103.80E, h11km, mb4.6/3, mb4.3/9, ML4.1/18, MS3.9/10, MS7.3/6/9*

*NEIC 19 16:29:31.0\_0.3, 31.15N:103.69E, h10km, mb4.5/3, Error ellipse: s-maj=65.7km s-min=5.3km az=195.0*

*ISC 19 16:29:30.4\_0.9, 31.24N:0.03x103.71E:0.04, h4km, 6km, n28, #097/37, mb3.8/9, MS3.2/3, 1C, Sichuan*

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CD2	Chengdu	0.33	173	Op	16 29 37.3 +0.8	
CD2	Chengdu	0.33	173	Pg	16 29 44.4 +3.3	
CD2	Chengdu	comp=N, 34nm, 0.5s		smax		
LZH	Lanzhou	4.83	1	Pg	16 31 00.6 -2.4	
LZH	Lanzhou	4.83	1	Sg	16 32 06.1 +0.4	
LZH	Lanzhou	comp=N, 95nm, 1.0s		smax		
LZH	Lanzhou	comp=E, 110nm, 0.8s		LR		
LZH	Lanzhou	comp=N, 490nm, 6.2s		LR		
LZH	Lanzhou	comp=E, 1.1um, 9.7s		LR		
ENH	Enshi	5.07	100	ePN	16 30 47.6 +0.5	
ENH	Enshi	5.07	100	ePN	16 31 46.6 +0.5	
XAN	Xi'an	5.21	56	PN	16 30 48.0 +0.5	
XAN	Xi'an	5.21	56	Pg	16 31 03.9 -6.3	
XAN	Xi'an	5.21	56	PN	16 31 52.8 +3.2	
XAN	Xi'an	5.21	56	Sg	16 32 11.8 -5.9	
XAN	Xi'an	comp=N, 230nm, 0.9s		smax		
XAN	Xi'an	comp=E, 120nm, 0.9s		LR		
XAN	Xi'an	comp=N, 290nm, 7.2s		LR		
XAN	Xi'an	comp=E, 74nm, 8.9s		LR		
GYA	Guyang	5.42	151	PN	16 30 53.3 +1.3	
GYA	Guyang	5.42	151	PN	16 31 55.8 +0.9	
GYA	Guyang	5.42	151	Sg	16 32 23.5 -1.1	
GYA	Guyang	comp=N, 270nm, 0.9s		smax		
KMI	Kunming	6.15	188	PN	16 31 02.3 +0.2	
KMI	Kunming	6.15	188	PN	16 32 12.8 -0.1	
KMI	Kunming	comp=N, 29nm, 0.7s		smax		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KMI	Kunming	comp=N, 360nm, 10.8s		LR		
KMI	Kunming	comp=E, 790nm, 10.8s		LR		
KMI	Kunming	comp=N, 180nm, 10.5s		LR		
GTA	Gaotai	8.75	340	eP	16 31 41.0 +3.3	
GTA	Gaotai	8.75	340	pP	16 31 45.3	
GTA	Gaotai	8.75	340	pP	16 31 48.8	
WHN	Wuhan	9.17	92	P	16 31 42.5 -1.0	
WHN	Wuhan	9.17	92	S	16 33 22.9 -4.2	
WHN	Wuhan	comp=N, 1.1um, 6.4s		LR		
WHN	Wuhan	comp=E, 620nm, 5.0s		LR		
CM31	Chiang Mai Arr	13.44	200	P	16 32 50.6 +8.6	
CMAR	Chiang Mai Arr	13.44	200	PN	16 32 40.6 -1.3	
ODAN	Odare	14.92	257	eP	16 33 01.9 -0.3	
KKN	Kakani	16.41	263	eP	16 33 21.3 -0.3	
DMN	Daman	16.61	262	eP	16 33 24.1 0.0	
SOMN	Songino Array	16.70	6	PN	16 33 25.5 +0.4	
SOMN	Songino Array	comp=Z, 0.1nm, 0.3s, baz=187, slow=13, SNR=5.5		LR	16 40 39.4	
GKN	Gorkha	16.89	264	eP	16 33 27.3 -0.5	
KSR5	Korea Array	20.59	66	P	16 34 14.0 +0.2	
KSR5	Korea Array	comp=Z, 5.3nm, 0.6s, baz=259, slow=9.8, SNR=29		LR	16 42 32.9	
JOW	Kunigami	21.91	95	P	16 34 25.4 +0.7	
MK31	Makanchi Array	22.66	319	eP	16 34 33.3 +0.8	
MKAR	Makanchi Array	22.66	319	P	16 34 32.9 +0.4	
AAK	Ala-Archa	25.85	304	P	16 35 03.5 +0.6	
AAK	Ala-Archa	comp=Z, 2.1nm, 0.7s, mb3.8, baz=134, slow=4.5, SNR=6.6		LR	16 46 44.6	
ZALV	Zalesovo Beam	26.45	335	P	16 35 08.8 +0.6	
BVAR	Borovoye Array	32.48	322	P	16 36 02.1 +0.3	
AKASG	Malin Array Be	57.05	313	P	16 39 17.6 +0.2	
WRA	Warramunga Arr	58.77	146	P	16 39 28.6 -1.1	
WB2	Warramunga Arr	58.78	146	eP	16 39 28.2 -1.6	
ASAR	Alice Springs	61.78	148	P	16 39 49.5 -0.9	
ILAR	Eielson Array	69.86	26	P	16 40 41.3 -0.6	
KMBO	Kilima Mbogo	70.3	256	LR	17 13 10.6	

*ISCJB 19 16:31:30.6\_0.4, 31.90N:0.03x104.28E:0.06, h10km, mb3.9/11, Error ellipse: s-maj=7.4km s-min=4.2km az=3.8*

*IDC 19 16:31:30.4\_0.8, 31.81N:104.16E, h0km, mb3.8/12, mb1.3/9/14, mb1mx3.8/2.8, mbtmp.3/8/14, ML3.3/2, Error ellipse: s-maj=32.4km s-min=15.1km az=58.0*

*BUI 19 16:31:31.5, 32.01N:104.62E, h26km, ML3.6/8, Ms3.1/1, MS7.3/0/1*

*NEIC 19 16:31:31.8\_0.3, 31.83N:104.27E, h10km, Error ellipse: s-maj=10.5km s-min=6.1km az=60.0*

*ISC 16:29:32.6\_0.4, 31.92N:0.03x104.25E:0.06, h10km, n24, #112/29, mb3.9/11, Sichuan*

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CD2	Chengdu	1.06	203	Op	16 31 54.0 +1.0	
CD2	Chengdu	1.06	203	Pg	16 32 07.1 +0.3	
CD2	Chengdu	comp=N, 7.1um, 0.5s		smax		
LZH	Lanzhou	4.20	356	Pg	16 32 58.1 +5.1	
LZH	Lanzhou	4.20	356	Sg	16 33 51.1 +3.7	
LZH	Lanzhou	comp=N, 130nm, 0.8s		smax		
LZH	Lanzhou	comp=E, 110nm, 0.6s		LR		
LZH	Lanzhou	comp=N, 430nm, 6.0s		LR		
LZH	Lanzhou	comp=E, 250nm, 4.1s		LR		
ENH	Enshi	4.78	108	P	16 32 42.9 -1.8	
ENH	Enshi	4.78	108	ePN	16 33 41.6 +1.6	
KMI	Kunming	6.87	191	PN	16 33 16.1 +2.7	
KMI	Kunming	6.87	191	PN	16 34 34.3 +2.6	
KMI	Kunming	comp=N, 20nm, 1.0s		smax		
KMI	Kunming	comp=E, 19nm, 1.2s		LR		
KMI	Kunming	comp=N, 120nm, 11.1s		LR		
KMI	Kunming	comp=E, 160nm, 13.6s		LR		
CM31	Chiang Mai Arr	14.21	201	P	16 34 55.0 +1.2	
CMAR	Chiang Mai Arr	14.21	201	PN	16 34 52.4 -1.5	
SOMN	Songino Array	16.01	5	PN	16 35 19.2 +1.4	
ULN	Ulaanbaatar	16.10	7	P	16 35 18.3 -0.6	
KSR5	Korea Array	20.23	68	P	16 36 08.8 +1.0	
MK31	Makanchi Array	22.47	318	P	16 36 31.0 -0.8	
MKAR	Makanchi Array	22.47	318	P	16 36 32.5 +0.7	
ZALV	Zalesovo Beam	26.07	333	P	16 37 05.7 -0.3	
AKT	Aktyubinsk	38.69	312	P	16 38 56.3 -0.1	
AKTO	Aktyubinsk	38.69	312	P	16 38 56.3 -0.1	
ARCES	ARCES Array B	56.59	336	P	16 41 14.7 -0.4	
FINES						

Table of astronomical observations for 19d 17h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2008 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 19d 17h, listing station names, coordinates, and observation details.











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Berggiesshubel, Muntele Rosu, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DURS Dursunbey, DEMI Demirci, GAZ Gediz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Ales Springs, TXAR Lajitas Array, etc.

Table of astronomical observations for 19d 19h, listing stations like BJI, ENH, CN2, QIZ, GUM, GYA, HHC, ASAJ, CD2, HBR, YSS, LZH, KMI, ULN, and CMAR with their respective coordinates and observation details.

Table of astronomical observations for 2008 SEP, listing stations like CMAR, PETK, YAK, ODAN, WMQ, PKI, KKN, DMN, GKN, SEY, DAN, MK31, MKAR, ZALV, KURK, KURK, TIXI, TIXI, TKM2, TKM2, WRA, WRA, BILL, BILL, EK2S, KKAR, KKAR, ASAR, ASAR, BVAR, BVAR, BRVK, BRVK, KBL, KBL, KBL, ABKAR, ARU, ARU, ARU, ARU, STKA, MCK, MCK, ILAR, ILAR, ZEI, ZEI, KIV, KIV, OBN, OBN, ARCES, ARCES, JOF, JOF, KAF, KAF, FINES, FINES, MALTYA, MALTYA.

Table of astronomical observations for 2008 SEP, listing stations like MALT, AKASG, BR131, BRTR, BRTR, SUW, SUW, NB2, NOA, NOA, BUR08, CRVS, CRVS, OJC, VYHS, VYHS, VYHS, MORC, MORC, DPC, DPC, LLL, NKC, NKC, KHC, KHC, FFC, FFC, FFC, ISCJB, NEIC, IDC, ISC, Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, H, m, S, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWTD Chiawan, TWB1 Santiao Chiao, NSK Sanguang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDI Dehra Dun, AGRA Agra, NDI New Delhi, etc.

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

19 19:46:49.0, 1.0, 28.48N, 86.50E, h0km, mb3.9/10, mb1.4/12, mb1mx3.9/25, mbmp3.9/12, ML4.5/2, Error ellipse: s-maj=38.0km s-min=16.7km az=54.0

19 19:46:57.5, 0.4, 28.59N, 86.59E, h15km, mb4.5/1, mb4.3/7, ML4.0/1

19 19:46:56.7, 2.8, 28.45N, 86.42E, h10km, ML4.0, mb4.0(N/EIC)

19 19:46:56.8, 0.0, 28.71N, 86.66E, h60km, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

19 19:46:57.9, 0.5, 28.58N, 86.67E, h69km, mb4.0/11, Error ellipse: s-maj=9.5km s-min=5.8km az=20.6/0

19 19:46:57.5, 0.4, 28.59N, 0.05, 86.56E, 0.03, h87km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, KKN Kakani, PKI Pulchoki, etc.

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:46:58.1, 0.4, 28.67N, 0.04, 86.60E, 0.03, h65km, mb4.0/16, Error ellipse: s-maj=8.3km s-min=4.2km az=21.2

19 19:20:54.9, 2.9, 36.15N, 142.01E, h0km, mb3.6/2, mb1.3/7.3, mb1mx3.4/24, mbmp3.5/3, ML3.4/1, Error ellipse: s-maj=66.0km s-min=29.2km az=46.0

19 19:20:57.0, 1.0, 36.27N, 0.05, 142.02E, 0.08, h33km, mb3.4/2, Error ellipse: s-maj=9.5km s-min=6.6km az=24.5

19 19:20:57.6, 0.2, 36.35N, 141.82E, h80km, mb4.4km, M3.0

19 19:20:58.3, 1.0, 36.29N, 0.05, 142.01E, 0.08, h35km, n16, r159/22, mb3.4/2, Off east coast of Honshu

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

19 19:20:28.0, 7.0, 8.12, 99N, 124.160E, h0km, mb3.7/8, mb1.3/9.8, mb1mx3.8/19, mbmp3.7/8, Error ellipse: s-maj=39.7km s-min=17.1km az=71.0

19 19:20:28.0, 13.04N, 124.27E, h1km, mb4.8, ML3.7, MS3.7

19 19:20:28.0, 0.0, 8.12, 98N, 124.51E, h0km, mb4.45km, 9km, mb3.7/8, Error ellipse: s-maj=14.1km s-min=6.7km az=162.7

19 19:20:28.1, 6.2, 8.12, 89N, 124.41E, h90km, mb26km, Error ellipse: s-maj=36.3km s-min=13.9km az=65.0

19 19:20:06.2, 0.8, 12.97N, 0.05, 124.52E, 0.09, h37km, 10km, n11, r19/4/32, mb3.7/8, Sama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CNP Catman, MAMP Masbate, MUPP San Andres, etc.





P15A	Leamington	85.78	49	↑P	P	20 45 07.8	-0.1
T13A	Saint George	85.79	51	↑P	P	20 45 07.6	-0.3
M17A	Scully Gap (B)	85.98	46	↓P	P	20 45 08.7	-0.1
U13A	Pakoon Wash	86.02	52	↓P	P	20 45 09.5	+0.4
DAU	Daniels Canyon	86.08	47	eP	P	20 45 09.6	+0.2
DAU	Daniels Canyon	86.08	47	eP	P	20 45 09.6	+0.2
PDAR	Pinedale Array	86.28	45	P	P	20 45 08.8	-0.5
DVTC	Desert V Tower	86.09	56	↓P	P	20 45 09.2	-0.3
IRM	Iron Mountain	86.15	54	↓P	P	20 45 09.6	-0.2
J19A	Crowheart	86.17	44	↑P	P	20 45 09.9	+0.2
C23A	Lambert	86.22	39	↓P	P	20 45 09.9	+0.1
V13A	Grand Canyon W	86.26	52	↓P	P	20 45 10.4	+0.1
MSU	Marysville	86.34	49	eP	P	20 45 10.5	-0.2
MSU	Marysville	86.34	49	eP	P	20 45 10.5	-0.1
G21A	Lodge Grass	86.34	42	↓P	P	20 45 09.7	-0.8
K19A	Absolon Red Bu	86.51	44	↓P	P	20 45 10.9	-0.5
O17A	Robinson Place	86.54	47	↑P	P	20 45 11.9	+0.3
U14A	Mt Trumbull	86.58	52	↓P	P	20 45 12.1	+0.2
Q16A	Castle Valley	86.64	49	↑P	P	20 45 13.3	+0.1
GLA	Glamis	86.88	55	↓P	P	20 45 13.1	-0.3
T15A	Red Dirt Ranch	86.88	51	↓P	P	20 45 13.3	-0.1
NB2	NORSAR Subarra	86.91 339	P	P	P	20 45 11.4	-1.6
NOA	NORSAR Array B	86.91 339	P	P	P	20 45 11.1	-1.8
NOA	NORSAR Array B	86.91 339	P	P	P	20 45 11.1	-1.9
R16A	Teasdale	86.92	49	↓P	P	20 45 14.3	+0.7
X13A	Yuca	86.94	54	↓P	P	20 45 13.8	+0.1
V14A	Boquillas Ranc	87.00	52	↑P	P	20 45 14.4	+0.5
J21A	Lysite	87.14	43	↓P	P	20 45 14.7	+0.2
SRU	San Rafael	87.20	48	↑P	P	20 45 14.7	-0.1
W14A	Seligman	87.20	53	↑P	P	20 45 15.4	+0.4
U15A	North Rim	87.22	51	↑P	P	20 45 15.5	+0.6
Y13A	Salome	87.29	54	↑P	P	20 45 15.3	-0.1
V15A	Kaibab Nationala	87.58	52	↓P	P	20 45 16.9	+0.1
Z13A	Yuma Proving G	87.69	55	↓P	P	20 45 17.1	-0.3
X11A	Mohawk Valley,	87.80	55	↑P	P	20 45 17.3	-0.5
Y14A	Wickenburg	87.84	54	↑P	P	20 45 17.8	-0.2
L21A	Rawlins	87.89	45	↓P	P	20 45 17.8	-0.3
R18A	Canyonlands Na	87.97	49	↑P	P	20 45 18.2	-0.4
X15A	Humboldt	88.15	53	↓P	P	20 45 20.2	+0.7
Y15A	Casa Rosa Ranc	88.33	54	↓P	P	20 45 20.6	+0.3
114A	Black Gap (USA)	88.47	55	↓P	P	20 45 21.2	+0.1
BR13I	Keskin Array S	88.72 313	eP	P	P	20 45 20.7	-1.4
BRTR	Keskin Array B	88.72 313	P	P	P	20 45 21.0	-1.1
BRTR	Keskin Array B	88.72 313	eP	P	P	20 45 21.3	-0.8
Q20A	Ridgley Place,	88.79	48	↑P	P	20 45 22.5	+0.1
214A	Organ Pipe Nat	88.89	55	↑P	P	20 45 23.3	+0.3
Y16A	Circle Bar Ran	88.99	53	↑P	P	20 45 23.1	-0.4
PV01	Paradox Valley	89.01	48	eP	P	20 45 23.1	-0.3
217A	Green Valley	90.48	55	↑P	P	20 45 31.0	+0.5
W20A	Ramah	90.55	51	↑P	P	20 45 30.5	-0.2
X20A	Quemado	90.53	51	↑P	P	20 45 32.8	+0.7
218A	Dragon	90.96	54	↑P	P	20 45 32.9	+0.2
Y20A	Horse Springs,	91.24	52	↑P	P	20 45 34.5	+0.5
V22A	San Miguel Ran	91.27	50	↑P	P	20 45 34.4	+0.4
SDCO	Great Sand Dun	91.29	48	↑P	P	20 45 34.6	+0.4
R24A	Sanders Place,	91.30	47	↓P	P	20 45 35.4	+1.2
X21A	Alamocita Cree	91.39	51	↓P	P	20 45 35.5	+0.8
Z20A	Nine Sixteen R	91.47	53	↑P	P	20 45 35.9	+0.8
219A	White Tail Can	91.53	54	↑P	P	20 45 35.9	+0.6
S24A	Houchin Ranch,	91.54	47	↑P	P	20 45 36.1	+0.8
U23A	El Rito	91.56	49	↓P	P	20 45 36.0	+0.7
120A	U Bar Ranch, L	91.72	53	↓P	P	20 45 37.1	+0.8
S25A	Robets Cordova	92.06	47	↓P	P	20 45 37.4	-0.2
ANMO	Albuquerque	92.08	50	eP	P	20 45 38.0	+0.2
ANMO	Albuquerque	92.08	50	eP	P	20 45 38.0	+0.2
220A	Playas Peak, P	92.12	54	↓P	P	20 45 38.2	+0.2
T25A	Trinidad	92.35	48	↓P	P	20 45 39.3	+0.3
121A	Cookes Peak, D	92.35	53	↑P	P	20 45 39.2	0.0
Z22A	Elephant Butte	92.58	52	↓P	P	20 45 40.6	+0.4
W24A	Lazy 6 Ranch,	92.68	50	↓P	P	20 45 41.2	+0.6
Y23A	Loveface Mesa,	92.89	51	↑P	P	20 45 42.2	+0.6
V25A	Rancho No Teng	92.90	49	↓P	P	20 45 41.8	+0.2
PLCA	Paso Flores	147.30 29	PKPbc	PKPbc	P	20 52 10.8	-1.1
LPAZ	La Paz	149.94 81	PKPbc	PKPbc	P	20 52 18.3	-1.1
LPAZ	La Paz	149.94 81	PKPbc	PKPbc	P	20 52 18.3	-1.1

JAK	Urakawa-nobuka	1.34 294	P	P	P	20 33 28.0	0.0
JNBK	Asahikawa	2.72 331	Pn	Pn	Pn	20 33 12.6	+0.1
ASAJ	Asahikawa	1.3nm,0.3s,baz=183,slow=11,SNR=10	Sn	Sn	Sn	20 33 32.6	+1.1
ASAJ	Asahikawa	6.2nm,0.3s,baz=137,slow=18,SNR=5.6	Sn	Sn	Sn	20 34 03.4	-0.3
WHN	Wuhan	26.59 255	P	P	P	20 38 22.6	-3.1
SOMN	Songino Array	27.45 296	P	P	P	20 38 33.8	+0.5
ZALV	Zalesovo Beam	40.63 308	P	P	P	20 40 26.9	-0.2
MKAR	Makanchi Array	43.75 299	P	P	P	20 40 55.4	+2.7

NNC 19 20:57:38.5±0.5, 42°12'N, 76°05'E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=3.2km s-min=1.7km az=2.0  
 KNET 19 20:57:38.9±0.4, 42°15'N, 76°01'E, h0km, ml2.2, Error ellipse: s-maj=3.4km s-min=1.9km az=168.0  
 ISCJB 19 20:57:39.4±1.2, 42°11'N, 07°76'07E±0.06, h10km, Error ellipse: s-maj=1.1km s-min=4.7km az=157.1  
 ISC 19 20:57:39.7±1.0, 42°14'N, 06°76'07E±0.05, h10km, n11, ±0.92/17, 9C-9D, Lake Issyk-Kul region

Code	Station Name	Δ° AZ'	Op	Phase ID	Time Res	ISC	h	m	s	ISC
ULHL	Ulahol	0.17 50	↑P	ISC	20 57 42.7	-0.7				
ULHL	904nm,0.1s		↓S	Sg	20 57 45.5	-0.3				
KZA	Kyzart	0.61 265	↑P	Pg	20 57 50.4	-1.1				
KZA	11nm,0.1s,SNR=11		↑S	Sg	20 57 59.0	-0.5				
TKM2	Tokmak 2	0.86 336	↓P	Pg	20 57 55.3	-0.9				
TKM2	20nm,0.3s		↓S	Sg	20 58 07.5	+0.1				
TKM2	Tokmak 2	0.86 336	↓P	Pg	20 57 55.4	-0.8				
TKM2	38nm,0.1s,SNR=291		↑S	Sg	20 58 07.7	+0.4				
KBK	Karagaybulak	0.98 302	↓P	Pg	20 57 57.5	-0.9				
KBK	11nm,0.1s,SNR=35		↑S	Sg	20 58 11.5	+0.2				
AAK	Ala-Archa	1.27 294	↑P	Pn	20 58 02.4	-1.1				
AAK	4.2nm,0.1s,SNR=8.7		↑S	Sb	20 58 19.4	-0.6				
AKC	Almaty	1.27 31	↑S	Sb	20 58 20.5	+0.5				
USP	Ospenokov	1.61 315	↑P	Pn	20 58 08.9	+0.7				
AML	Almayashu	1.77 271	↓P	Pn	20 58 11.3	+1.0				
EKS2	Erkin-Say	1.77 288	↑P	Pn	20 58 12.2	+1.8				
KK31	Karatay Array	4.21 285	↓P	Pg	20 58 55.5	+1.7				
KK31	0.2nm,0.4s		↓Lg	Lg	20 58 50.7					

ISCJB 19 21:04:38.5±0.5, 36°53'N, 02°25'81E±0.03, h1km, 4km, Error ellipse: s-maj=4.7km s-min=3.9km az=30.5  
 ATH 19 21:04:38.2, 36°54'N, 25°83E, h28km, 1km, MD3.5/9  
 CSEM 19 21:04:38.4±0.1, 36°52'N, 25°82E, h8km, ML2.3/3, Error ellipse: s-maj=2.7km s-min=2.4km az=112.0  
 THE 19 21:04:39.2, 36°52'N, 25°77E, h3km, ML2.3/3, Error ellipse: s-maj=0.8km s-min=0.4km az=262.0  
 ISC 19 21:04:39.0±0.5, 36°52'N, 03°25'80E±0.03, h12km, 4km, n39, ±0.97/61, Dodecanese Islands

Code	Station Name	Δ° AZ'	Op	Phase ID	Time Res	ISC	h	m	s	ISC
THR2	Thira island,	0.30 256	P	Pg	21 04 45.0	-0.1				
THR2	Thira island,	0.30 256	P	Pg	21 04 45.0	-0.1				
THR1	Thira Island	0.31 241	P	Pg	21 04 44.9	-0.4				
THR1	Thira Island	0.31 241	P	Pg	21 04 44.9	-0.1				
THR1	Thira Island	0.31 241	S	Sg	21 04 49.4	-0.4				
THR3	Thira Island,	0.34 251	P	Pg	21 04 45.5	-0.3				
THR3	Thira Island,	0.34 251	P	Pg	21 04 45.5	-0.3				
THR3	Thira Island,	0.38 254	P	Pg	21 04 46.4	-0.1				
THR5	Thira Island,	0.38 254	P	Pg	21 04 46.4	-0.1				
APR	Apeiranthos	0.59 339	ePn	Sg	21 04 49.9	-0.5				
APE	Apeiranthos	0.59 339	ePn	Sg	21 04 59.6	+1.4				
APE	Apeiranthos	0.59 339	P	Pg	21 04 59.1	+0.9				
APE	Apeiranthos	0.59 339	P	Pg	21 04 49.9	-0.5				
ARG	Argo	1.11 85	S	Sg	21 05 00.0	0.0				
NIS1	Nisyros Isl.	1.11 85	S	Sg	21 05 16.6	+1.7				
NIS1	Nisyros Isl.	1.11 85	P	Pg	21 05 00.0	0.0				
LAST	Lasithi	1.38 191	ePn	Pn	21 05 03.4	-0.7				
LAST	Lasithi	1.38 191	ePn	Pn	21 05 22.2	0.0				
LAST	Lasithi	1.38 191	S	Sn	21 05 03.9	-0.2				
LAST	Lasithi	1.38 191	S	Sn	21 05 23.1	+0.8				
LAST	Lasithi	1.38 191	ePn	Pn	21 05 03.4	-0.7				
LAST	Lasithi	1.38 191	P	Pg	21 05 03.9	-0.2				
ZKR	Zakros	1.44 166	ePn	Pn	21 05 22.3	0.0				
ZKR	Zakros	1.44 166	ePn	Pn	21 05 23.0	0.0				
ZKR	Zakros	1.44 166	P	Pn	21 05 04.4	-0.5				
ZKR	Zakros	1.44 166	ePn	Pn	21 05 04.8	-0.1				
ZKR	Zakros	1.44 166	ePn	Pn	21 05 04.8	-0.1				
SMG	Samos	1.45 35	ePn	Pn	21 05 03.7	-1.3				
SMG	Samos	1.45 35	ePn	Pn	21 05 23.3	-0.6				
SMG	Samos	1.45 35	ePn	Pn	21 05 03.7	-1.3				
KMP	Karpathos	1.47 131	ePn	Pn	21 05 23.3	-0.6				
KARP	Karpathos	1.47 131	ePn	Pn	21 05 59.1	+0.4				
KARP	Karpathos	1.47 131	ePn	Pn	21 05 05.1	-0.2				
SIVA	Sivas	1.70 208	ePn	Pn	21 05 08.9	+0.4				
SIVA	Sivas	1.70 208	ePn	Pn	21 05 31.0	+0.8				
SIVA	Sivas	1.70 208	P	Pn	21 05 08.5	0.0				
SIVA	Sivas	1.70 208	P	Pn	21 05 08.9	+0.4				
SIVA	Sivas	1.70 208	ePn	Pn	21 05 31.0	+0.8				
VAM	Vamos	1.71 230	ePn	Pn	21 05 09.6	+1.0				
VAM	Vamos	1.71 230	ePn	Pn	21 05 09.6	+1.0				
CHOS	Chios island	1.87 6	P	Pn	21 05 10.9	0.0				
CHOS	Chios island	1.87 6	P	Pn	21 05 35.5	+1.1				
CHOS	Chios island	1.87 6	P	Pn	21 05 10.9	0.0				









Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GSC Goldstone, GRAC Grapevine Rang, G06A Carlson Farm, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NEW Newport, X15A Humboldt, H116A Eloy, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SWMT Swartz Lake, 319A Douglas, A13A Flathead Natio, etc.







Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ESDC	Sonsecq Array	149.89	342	PKPbc	PKPbc	23 08 51.1	-0.1
ESLA	Sonsecq Array	149.89	342	PKPbc	PKPbc	23 08 50.8	-0.5
ESLV	comp-Z,2um,21.0s,MS5.0			LR			
PVLS	Visu	149.89	348	ePKPbc	PKPbc	23 08 51.5	+0.3
EMHD	Djebel Mahoud	150.06	329	ePKPbc	PKPbc	23 08 51.5	-0.2
PAB	Pan Pablo	150.12	342	ePKPbc	PKPbc	23 08 51.8	0.0
PAB	comp-Z,350nm,20.0s,MS5.2			MLR			
PAB	Pan Pablo	150.12	342	ePKP2	PKPbc	23 08 51.8	0.0
MTE	Manteigas	150.13	348	ePKPbc	PKPbc	23 08 51.8	0.0
MTE	Manteigas	150.13	348	ePKPbc	PKPbc	23 08 51.7	0.0
EBNR	Beni Rached	150.69	331	P	PKPbc	23 08 53.5	+0.3
CART	Cartagena	150.71	336	P	PKPbc	23 08 52.7	-0.6
ECHA	Ech Chief	150.88	331	P	PKPbc	23 08 54.2	+0.5
PMRV	Marv'70	151.03	347	ePKPbc	PKPbc	23 08 53.9	-0.1
PTOM	Tomar	151.06	349	ePKPbc	PKPbc	23 08 53.9	-0.1
EANR	'Ain N'Sour	151.17	331	P	PKPbc	23 08 56.0	+1.6
SHEL	Horse Pasture	151.27	200	ePKPbc	PKPbc	23 08 56.3	+1.2
SHEL	comp-Z,667nm,21.0s,MS5.4			LR			
SHEL	Horse Pasture	151.27	200	ePKIKP	PKPbc	23 08 56.3	+1.1
ETR7	Tiaret	151.52	330	P	PKPbc	23 08 58.5	+3.3
PESTR	Estremoz	151.61	347	ePKPbc	PKPbc	23 08 54.8	+0.5
PMAFR	Mafrá	151.86	350	ePKPbc	PKPbc	23 08 55.7	-0.2
EVO	Evora	152.02	347	ePKIKP	PKPbc	23 08 50.3	+0.6
EVO	comp-Z,566nm,1.2s			eMLR	MLR		
EVO	Evora	152.02	347	ePKPbc	PKPbc	23 08 56.0	-0.2
PBAR	Barrancos	152.14	346	ePKPbc	PKPbc	23 08 56.3	-0.2
PBEJ	Beja	152.47	347	ePKPbc	PKPbc	23 08 57.3	0.0
PCVE	Castro Verde	152.89	347	ePKPbc	PKPbc	23 08 59.0	+0.8
PVAC	Vaqueiros	153.03	346	ePKPbc	PKPbc	23 08 58.6	+0.1
PBDV	Barranco-do-Ve	153.24	346	ePKPbc	PKPbc	23 08 59.8	+0.8
SFS	San Fernando	153.53	343	FFAKE	LR	23 09 00.0	+8.0
SFS	comp-Z,770nm,20.0s,MS5.5			LR			
PFVI	Vila Bispo	151.54	348	ePKPbc	PKPbc	23 09 00.6	+0.9
RCBR	Riachuelo	153.17	129	PKPbc	PKPbc	23 08 59.8	-0.6
RCBR	comp-Z,32nm,1.0s,baz=70,slow=3.1,SNR=6.1			PKPbc			
RCBR	Riachuelo	153.57	129	ePKPdf	PKPdf	23 08 52.9	+0.2
RCBR	comp-Z,32nm,1.0s,baz=70,slow=3.1,SNR=6.1			PKPbc			
RCBR	Riachuelo	153.57	129	ePKPbc	PKPbc	23 08 59.8	-0.6
RTC	Rabat Centre	156.02	342	FFAKE	LR	23 09 10.0	+1.5
RTC	comp-Z,421nm,20.0s,MS5.3			LR			
MDT	Midelt	156.31	337	PKPab	PKPab	23 09 24.6	+0.7
TAM	Tamanrasset	156.86	302	ePKPdf	PKPdf	23 08 57.9	+1.0
TAM	comp-Z,342nm,19.0s,MS5.2			LR			
TAM	Tamanrasset	156.86	302	ePKIKP	PKPdf	23 08 57.9	+1.0
TORD	Tordi Ar. Bea	165.05	278	PKP	PKPdf	23 09 03.7	-0.4
TORD	comp-Z,11nm,1.0s,baz=46,slow=1.1,SNR=26			PKPab			
TORD	Tordi Ar. Bea	165.05	278	PKP	PKPab	23 09 53.8	-0.1
TORD	comp-Z,5.4nm,1.0s,baz=73,slow=3.5,SNR=5.9			PKPab			
TORD	Tordi Ar. Bea	165.05	278	PKP	PKPab	23 13 38.6	-0.5
KIC	Kosan Boka	168.27	246	ePKIKP	PKPdf	23 09 07.3	-1.1
LIC	Lamto	168.47	245	ePKIKP	PKPdf	23 09 07.5	-1.1
LIC	comp-Z,56nm,1.1s			PKPbc			
LIC	Lamto	168.47	245	ePKIKP	PKPdf	23 09 08.0	-0.6
LIC	comp-Z,47nm,1.1s			PKPbc			
LIC	Lamto	168.47	245	ePKPdf	PKPdf	23 09 08.0	-0.6
DBIC	Dimbokro	168.50	248	PKP	PKPdf	23 09 08.2	-0.3
DBIC	comp-Z,16nm,0.9s,baz=57,slow=2.4,SNR=8.3			PKPbc			
DBIC	Dimbokro	168.50	248	ePKPab	PKPab	23 10 18.6	+0.7
DBIC	comp-Z,462nm,20.0s			PKPbc			
DBIC	Dimbokro	168.50	248	ePKIKP	PKPdf	23 09 08.1	-0.5
DBIC	comp-Z,462nm,20.0s			MLR	MLR	23 10 18.6	
TIC	Toumoudi	168.64	247	ePKIKP	PKPdf	23 09 07.8	-0.9
TIC	comp-Z,102nm,1.3s			PKPbc			
TIC	Toumoudi	168.64	247	ePKIKP	PKPdf	23 09 07.8	-0.9
SACV	Santiago Islan	171.32	64	FFAKE	LR	23 09 20.0	+1.0
SACV	comp-Z,570nm,21.0s			LR			
<b>PRE 19 23:00:12.1-3.0,26'44S-27'67E, h2km, ML2.2, South Africa</b>							
Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ERPMP	east rand prop	0.52	79	eP	Pg	23 00 23.2	+1.2
ERPMP	comp-Z,31nm,0.2s			eS	AML	23 00 29.8	+1.0
ERPMP	east rand prop	0.52	79	eP	Pg	23 00 23.4	+1.3
ERPMP	comp-Z,31nm,0.2s			eS	AML	23 00 30.0	+1.0
PRYS	Parys	0.56	210	eP	Pg	23 00 23.3	+0.5
PRYS	comp-Z,44nm,0.2s			eS	AML	23 00 30.3	+0.2
PRYS	Parys	0.56	210	eP	Pg	23 00 24.0	+1.2
PRYS	comp-Z,44nm,0.2s			eS	AML	23 00 30.4	+0.3
SLR	Silverton	0.89	38	eP	Pg	23 00 28.8	-0.4
SLR	comp-Z,18nm,0.2s			eS	AML	23 00 47.8	+0.2
SLR	Silverton	0.89	38	eP	Pg	23 00 29.4	+0.2
SLR	comp-Z,18nm,0.2s			eS	AML	23 00 47.8	+0.2
BFSDF	Buffelsfontein	0.90	242	eP	Pg	23 00 28.6	-0.8
BFSDF	comp-Z,43nm,0.1s			eS	AML	23 00 40.5	-0.6
KSR	Koster	0.91	310	eP	Pg	23 00 27.6	-2.0
KSR	comp-Z,26nm,0.1s			eS	AML	23 00 39.1	-2.4
KSR	Koster	0.91	310	eP	Pg	23 00 32.0	+2.4
KSR	comp-Z,26nm,0.1s			eS	AML	23 00 40.6	-0.9
SEK	Senekal	1.88	181	eP	Pn	23 00 46.2	+1.0
SEK	comp-Z,12nm,0.3s			eS	AML	23 01 10.9	+1.4
SEK	Senekal	1.88	181	eP	Pn	23 00 47.2	+1.0
SEK	comp-Z,15nm,0.2s			eS	AML	23 01 12.1	
SWZ	Schweizer	2.22	250	eP	Pn	23 00 52.0	+0.3
SWZ	comp-Z,16nm,0.2s			eS	AML	23 01 17.9	-0.1
SWZ	Schweizer	2.22	250	eP	Pn	23 00 51.7	+1.8
SWZ	comp-Z,16nm,0.2s			eS	AML	23 01 20.2	+2.3
POGA	Pongola	3.64	106	eP	Pn	23 01 09.7	+0.3
POGA	comp-Z,6.4nm,0.4s			eS	AML	23 01 54.4	+1.5
PKA	Prieska	5.41	232	eP	Pn	23 01 32.8	-0.9
PKA	comp-Z,3.3nm,0.5s			eS	AML	23 02 33.2	-3.4

**IDC 19 23:03:18.4:1.4, 11'36S, 164'57E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.9/17, mbtmp3.9/7, ML4.5/1, Error ellipse: s-maj=46.6km s-min=24.0km az=141.0, Santa Cruz Islands region**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
HNR	Honiara	4.93	292	Op	ISC	23 04 33.8	0.0
HNR	19nm,0.3s,baz=134,slow=10,SNR=5			Pn			
STKA	Stevens Creek	29.43	223	P	P	23 09 24.6	+0.7
STKA	comp-Z,1.5s,baz=62,slow=5.7,SNR=5			Pn			
WRA	Warramunga Arr	30.29	250	P	P	23 09 31.4	-0.3
WRA	0.7nm,0.5s,baz=78,slow=9.0,SNR=9.8			Pn			
ASAR	Alice Springs	31.62	243	P	P	23 09 42.9	-0.4
ASAR	0.6nm,0.7s,baz=62,slow=2.2,SNR=4.0			Pn			
SOMM	Songino Array	78.24	324	P	P	23 15 20.7	+0.7
SOMM	0.3nm,0.6s,baz=128,slow=4.4,SNR=2.3			Pn			
ILAR	Eielson Array	84.17	19	P	P	23 15 50.8	-0.4
ILAR	0.2nm,0.6s,baz=239,slow=6.2,SNR=4.3			Pn			
NVAR	Mina Array Bea	87.11	60	P	P	23 16 06.7	+0.3
NVAR	0.3nm,0.3s,baz=246,slow=6.8,SNR=3.0			Pn			

**KRSC 19 23:01:01.0:1.0, 7.52'68N, 160'06E, h40km, 29km, ML3.8, Off east coast of Kamchatka Peninsula**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SPN	Mys Shipunski	0.42	357	Op	ISC	23 04 11.2	+0.4
SPN	1.1nm,1.5s,baz=45,slow=3.1,SNR=5			Pn			
SNL	Nalytchevo	0.66	319	eP	Sn	23 04 17.9	+0.4
SNL	0.7nm,0.5s,baz=350,slow=16,SNR=6.2			Pn			
NLC	Petrovlovsk	0.92	293	eS	Sn	23 04 23.5	+0.6
PET	Avacha	0.93	307	eP	Sn	23 04 19.4	+0.9
PET	0.7nm,0.5s,baz=350,slow=16,SNR=6.2			Pn			
AVH	Avacha	0.93	307	eP	Sn	23 04 33.0	+1.7
AVH	0.7nm,0.5s,baz=350,slow=16,SNR=6.2			Pn			
GRL	Gorelyy	1.22	265	eP	Sn	23 04 22.5	+0.9
GRL	0.3nm,0.6s,baz=128,slow=4.4,SNR=2.3			Pn			
GRL	Karymskiy	1.41	345	eP	Sn	23 04 26.8	+2.6
GRL	0.2nm,0.6s,baz=239,slow=6.2,SNR=4.3			Pn			
KII	Ganaly	1.63	309	eP	Sn	23 04 29.2	+3.8
KII	0.8nm,0.8s,mb3.5			Pn			
GNL	Mys Kozlova	2.13	27	eP	Sn	23 04 30.5	+0.4
GNL	0.7nm,1.2s,mb4.2,baz=241,slow=5.9,SNR=4.2			Pn			
MKZ	Kamenistaya	3.08	2	eP	Sn	23 04 59.1	-0.1
MKZ	0.1nm,0.2s,baz=112,slow=8.2,SNR=2.3			Pn			
KBT	Krutoberegovoy	3.88	23	eP	Sn	23 05 01.2	+3.0
KBT	0.2nm,0.2s,baz=163,slow=2.2,SNR=3.9			Pn			
BKI	Bering	4.31	52	S	Sn	23 05 45.9	+3.4
BKI	0.8nm,0.8s,mb3.5			Pn			

**IDC 19 23:08:09.6:1.9, 2'15N, 128'44E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/17, mbtmp3.6/4, MS4.5/2, MS1 4.5/2, s-maj=23.5km az=66.0, Halmahera**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	22.71	165	P	P	23 13 13.0	-0.1
WRA	1.3nm,0.8s,baz=346,slow=10,SNR=7.8			Pn			
ASAR	Alice Springs	26.21	169	P	P	23 13 46.0	-0.2</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KBL Kabul, CEP Cherat, KSH Kashi, etc.

Table with columns: ULC, Ulcinj, Boljevac, Banja Luka, etc. Includes station codes and names like ULC, Ulcinj, Boljevac, Banja Luka, etc.

Table with columns: SONA, PTH, AJM, MK31, etc. Includes station codes and names like SONA, PTH, AJM, MK31, etc.

TIR 19:23:53.08.7.2.1, 43.52N:19.60E, h29km, 49km, ML2.6
ISCJB 19:23:53.08.4.0.3, 43.53N:19.61E, h29km, 49km, ML2.6

IDC 20:00:04:35.0.0.7, 36.43N:71.07E, h172km, 6km, mb3.7/13,
mb1 3.9/18, mb1mx3.8/28, mbtpm3.8/18, Error ellipse:
s-maj=12.2km s-min=10.8km az=100.0

ZALV Zalesovo Beam 20:17 26 P
ZALV Zalesovo Beam 20:17 26 P
ZALV Zalesovo Beam 20:17 26 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PLE Pljevlja, BBLs Lazi#263, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KBL Kabul, CEP Cherat, KSH Kashi, etc.

Table with columns: SONA, PTH, AJM, MK31, etc. Includes station codes and names like SONA, PTH, AJM, MK31, etc.

Table with columns: KAF, KEV, ARCES, etc. containing station names, coordinates, and status information.

Table with columns: HCY, HCY, HCY, etc. containing station names, coordinates, and status information.

Table with columns: KRJV, KRJV, KRJV, etc. containing station names, coordinates, and status information.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Listing various stations and their parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Listing various stations and their parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Listing various stations and their parameters.





APG	comp-Z,5.6nm,0.3s,baz=65,slow=14,SNR=5.4	Lg	02 26 43.4	Y21A	Point of Rocks comp-Z,26,SNR=17	25.78 327 ↑P	P	02 31 24.6 +1.2	RLMT	Red Lodge comp-Z,2.5nm,0.8s,m4.2	35.52 337 eP	P	02 32 47.6 -1.6
APG	El Apazote	1.92 13 Pg	02 26 25.0 -4.2	LAZ	Ladron comp-Z,5.1nm,1.3s,m3.9	25.80 328 eP	P	02 31 24.2 +0.6	G18A	Lazy EL Ranch baz=36	35.80 337 ↑P	P	02 32 50.5 -1.1
APG	San Vicente	2.06 76 Lg	02 26 43.4	U26A	Atcey Ranch, baz=26	25.89 336 ↑P	P	02 31 23.4 -0.9	J14A	Carrey baz=36	35.85 331 ↓P	P	02 32 51.8 -0.3
SNVI	Marmol	2.26 31 eP	02 26 31.4 -1.7	ANMO	Albuquerque comp-Z,1.3nm,0.6s,m3.6,baz=146,slow=11,SNR=6.7	25.89 330 P	P	02 31 24.4 +0.1	CMB	Columbia Cole comp-Z,6.1nm,1.0s,m4.5	36.09 319 eP	P	02 32 54.9 +0.6
YSM	San Miguel	2.57 83 eP	02 26 34.4 +0.3	ANMO	Albuquerque comp-Z,1.0nm,0.8s,baz=63,slow=6,SNR=3.5	25.89 330 eP	P	02 34 55.2 +1.9	I14A	Mackay comp-Z,SNR=5.7	36.29 332 ↑P	P	02 32 56.2 +0.3
BLLM	Bellamira	2.61 83 eP	02 26 34.8 +0.3	ANMO	Albuquerque comp-Z,1.6nm,0.7s,m3.7	25.89 330 eP	P	02 31 24.4 0.0	F18A	Big Timber baz=36	36.35 338 ↑P	P	02 32 54.9 -1.4
CAHU	Cacacatuque	2.69 76 eP	02 26 36.0 +0.4	W23A	Werner Place, baz=26	25.91 330 ↓P	P	02 31 25.2 +0.6	HLID	Hailey baz=36,SNR=5.1	36.46 331 ↓P	P	02 32 57.0 -0.3
CNCH	Conchagua	2.99 87 eP	02 26 39.9 +0.1	V24A	Rampart Ranch, baz=26	25.97 333 ↓P	P	02 31 25.2 +0.2	HLID	Hailey comp-Z,7.9nm,1.4s,m4.5	36.46 331 eP	P	02 32 57.1 -0.2
CCIG	Comitan	3.36 339 eP	02 26 40.7 -4.2	Y21A	Green Valley baz=26	26.06 319 ↑P	P	02 31 27.0 +1.0	H15A	Lima comp-Z,2.2nm,0.7s,m3.8	36.47 334 ↑P	P	02 32 57.1 -0.3
CGHU	Tequigalpa,Un	3.65 75f ePn	02 26 48.2 -0.6	Y27A	Horse Springs, baz=26,SNR=23	26.09 325 P	P	02 31 27.6 +1.4	E19A	Rath Farm, Rou baz=36	36.49 339 ↑P	P	02 32 56.7 -0.9
CMIG	Matias Romero	5.51 316 Pn	02 27 15.7 +1.3	118A	Homack Ranch, baz=26	26.11 321 ↓P	P	02 31 27.3 +1.0	I13A	Wildhorse Cree baz=36,SNR=9.8	36.58 331 ↑P	P	02 32 58.9 +0.5
HUIG	Huatulco	5.69 298 ↓P	02 27 13.9 -3.0	X21A	Alamocita Cree baz=26,SNR=20	26.18 327 ↓P	P	02 31 28.0 +1.1	F17A	Fitzpatrick Pl baz=37	36.71 337 ↑P	P	02 32 59.2 -0.2
HUIG	JuntasAbangare	6.47 115 Pn	02 27 28.5 +0.9	TUC	Tucson comp-Z,4.9nm,1.0s,m4.0	26.39 320 eP	P	02 31 29.2 +0.3	MCMT	McKenzie Canyon comp-Z,4.6nm,0.8s,m4.4	36.73 334 eP	P	02 33 00.2 +0.6
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	117A	Oracle comp-Z,2.9nm,1.0s,m4.0	26.54 320 ↑P	P	02 31 31.2 +0.9	H14A	Leadore comp-Z,SNR=11	36.79 333 ↓P	P	02 33 00.1 +0.1
JTS	comp-Z,5.55nm,21.8s,baz=306,slow=40	LR	02 30 02.1	X20A	Quemado baz=27,SNR=6.9	26.68 326 ↑P	P	02 31 32.2 +1.2	G15A	Dillon baz=37	36.84 334 ↓P	P	02 33 00.3 -0.3
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	U23A	El Rito comp-Z,SNR=6.5	26.88 332 ↓P	P	02 31 33.7 +0.4	BOZ	Bozeman (W) comp-Z,2.32nm,2.8s,m4.2	36.88 336 eP	P	02 33 00.4 -0.4
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	Y18A	Canyon Day Jun baz=27,SNR=6.2	26.94 323 ↓P	P	02 31 35.2 +1.3	LPZA	La Paz comp-Z,2.2nm,1.0s,m3.8,baz=328,slow=9.5,SNR=2.9	36.89 142 P	P	02 33 01.9 +0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	X19A	St. Johns baz=27,SNR=5.5	26.98 325 ↓P	P	02 31 36.0 +1.7	LPZA	La Paz comp-Z,2.2nm,1.0s,m3.8,baz=328,slow=9.5,SNR=2.9	36.89 142 P	P	02 33 01.9 +0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	W20A	Ramat baz=27,SNR=5.9	27.07 327 ↓P	P	02 31 35.4 +0.3	I12A	Atlanta comp-Z,SNR=11	36.97 130 ↓P	P	02 33 01.7 0.0
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	ACSO	Alum Creek Sta comp-Z,1.9nm,1.0s,m4.4	27.89 13 eP	P	02 31 39.7 -2.5	MFID	Camas Ranch baz=37	37.03 329 ↓P	P	02 33 01.9 -0.3
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	X16A	Lo Camp, baz=28	28.22 322 ↑P	P	02 31 46.3 +0.9	DLMT	Dillon comp-Z,1.1nm,1.4s,m4.0	37.04 334 eP	P	02 33 01.2 -1.1
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S22A	4UR Ranch, Cre baz=28	28.34 333 ↓P	P	02 31 46.5 +0.2	H13A	Challis baz=37,SNR=11	37.15 332 eP	P	02 33 01.3 -0.1
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	T19A	Decabito comp-Z,SNR=11	28.65 329 ↓P	P	02 31 49.4 +0.3	ULM	Lac du Bonnet comp-Z,1.2nm,0.7s,m4.8,baz=164,slow=8.7,SNR=12	37.25 332 eP	P	02 33 00.2 -3.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	V17A	Tonalee, Kykot baz=29,SNR=9.4	28.70 325 ↓P	P	02 31 50.5 +1.0	ULM	Lac du Bonnet comp-Z,2.29nm,18.2s,MS4.0,baz=122,slow=42	37.25 335 eP	P	02 32 59.5 -4.3
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	T18A	Mexican Hat baz=29	29.32 328 ↑P	P	02 31 55.4 +0.3	LRM	Limekiln Ridge comp-Z,3.1nm,1.3s,m3.5	37.45 335 eP	P	02 33 04.5 -0.4
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	PV01	Paradox Valley baz=30,SNR=6.3	29.45 331 eP	P	02 31 58.2 +2.0	F15A	Butte baz=37	37.38 335 ↑P	P	02 33 05.0 -0.2
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	T17A	Navajo Res., N baz=30,SNR=6.3	29.71 327 ↓P	P	02 31 59.0 +0.5	H12A	Diamond D Ranc comp-Z,SNR=8.2	37.41 331 ↑P	P	02 33 05.3 -0.1
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S18A	Hurst Farm, Bl baz=30,SNR=5.8	29.81 329 ↑P	P	02 31 59.5 +0.2	G13A	Clinton baz=38	37.54 333 eP	P	02 33 05.8 -0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	V14A	Boquillas Ranc baz=30,SNR=6.1	30.05 322 ↓P	P	02 32 02.7 +1.2	OHCM	Honcut comp-Z,SNR=8.2	37.55 330 eP	P	02 33 07.5 +0.9
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	U15A	North Rim comp-Z,SNR=6.5	30.12 324 ↓P	P	02 32 03.6 +1.4	WVOR	Wild Horse Val comp-Z,6.2nm,1.1s,m4.4	37.81 326 eP	P	02 33 08.8 -0.1
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S17A	Big Crack Ridge (B baz=30)	30.18 327 ↓P	P	02 32 03.0 +0.3	G12A	Big Creek, Yel baz=38	38.07 332 ↓P	P	02 33 10.5 -0.5
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	O22A	Kremmling baz=30	30.25 336 ↑P	P	02 32 02.7 -0.5	F13A	Darby baz=38,SNR=7.1	38.13 333 ↓P	P	02 33 10.5 -0.9
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	BC3	Big Chuckawall baz=30	30.28 317 ↑P	P	02 32 04.5 +0.9	E14A	Clinton baz=38	38.26 335 ↑P	P	02 33 11.9 -0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	T15A	Red Dirt Ranch baz=31	30.59 325 ↑P	P	02 32 07.6 +1.3	J08A	Circle Bar Ran baz=38,SNR=6.6	38.35 327 ↑P	P	02 33 13.6 +0.2
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	U14A	Mit Trumbull baz=31	30.63 323 ↑P	P	02 32 07.7 +1.0	D15A	Lincoln comp-Z,SNR=19	38.37 336 eP	P	02 33 12.7 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S16A	Weppner Ranch, baz=31,SNR=5.9	30.67 327 ↑P	P	02 32 07.6 +0.6	MOD	Modoc comp-Z,1.3nm,0.9s,m3.7	38.40 324 eP	P	02 33 13.8 0.0
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	R17A	Hanksville Air baz=31	30.73 329 ↑P	P	02 32 07.6 +0.1	F12A	Elk City baz=38,SNR=19	38.51 332 ↓P	P	02 33 13.9 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	LDFC	Landfair comp-Z,1.2nm,1.0s,m4.7	30.93 319 eP	P	02 32 10.1 +0.8	E13A	Victor baz=38,SNR=9.5	38.58 334 ↑P	P	02 33 14.4 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	T14A	Hurricane baz=31,SNR=6.2	31.02 324 ↑P	P	02 32 10.9 +0.8	D14A	Greenough baz=38	38.80 335 ↑P	P	02 33 15.6 -1.5
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	R16A	Teasdale baz=31,SNR=8.0	31.02 328 ↑P	P	02 32 10.6 +0.4	C15A	Salmond Ranch, baz=39	39.01 337 ↑P	P	02 33 18.0 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S15A	Panguitch baz=31,SNR=5.1	31.05 326 ↓P	P	02 32 11.1 +0.8	E12A	Beaver Dam Sad baz=39,SNR=8.2	39.16 333 P	P	02 33 18.8 -1.3
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	U13A	Pak Wash baz=31,SNR=11	31.09 322 ↓P	P	02 32 12.1 +1.4	D13A	Husky baz=39	39.20 334 ↓P	P	02 33 19.7 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	V12A	Nelson baz=31,SNR=5.7	31.18 320 ↓P	P	02 32 12.0 +0.5	I07A	Izee baz=39,SNR=7.7	39.39 327 ↑P	P	02 33 21.4 -0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	N20A	Speck Gulch, baz=32	31.52 334 ↑P	P	02 32 14.0 -0.4	D12A	Red Ives Fores comp-Z,2.4nm,0.8s,m4.0	39.55 334 ↑P	P	02 33 22.2 -1.2
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	CCUT	Cedar City comp-Z,2.7nm,1.0s,m4.0	31.52 324 eP	P	02 32 16.3 +1.8	F10A	Beach Ranch, E baz=40,SNR=7.8	39.59 331 ↑P	P	02 33 22.7 -1.0
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	MSU	Marysvale comp-Z,5.2nm,1.0s,m4.3	31.56 327 eP	P	02 32 14.8 0.0	JTMT	Jette comp-Z,2.4nm,0.8s,m4.0	39.65 335 eP	P	02 33 23.0 -1.2
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	S13A	Holt Ranch, En baz=32,SNR=14	31.82 324 ↓P	P	02 32 18.8 +1.6	C13A	Hot Springs baz=40	39.72 335 ↑P	P	02 33 23.7 -1.0
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	Q15A	Fillmore baz=32	32.03 327 ↑P	P	02 32 20.0 +1.0	A14A	Double T Ranch baz=37,SNR=6.6	40.30 337 ↑P	P	02 33 28.4 -1.2
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	O17A	Robinson Place baz=32	32.11 331 ↑P	P	02 32 20.3 +0.6	C11A	Tepee Creek (N baz=40,SNR=8.7	40.55 334 ↑P	P	02 33 30.8 -0.9
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	N18A	Larsen Ranch, baz=32	32.24 333 ↑P	P	02 32 21.1 +0.3	A13A	Flathead Natio baz=41	40.65 336 ↑P	P	02 33 31.9 -0.6
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	R13A	O Grain Ranch, baz=32	32.30 325 ↑P	P	02 32 22.5 +1.2	D08A	Wolman Farm, baz=41	41.18 331 ↓P	P	02 33 35.8 -1.0
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	Q14A	Sevier Lake (B baz=32)	32.49 326 ↑P	P	02 32 24.1 +1.1	H04A	Detroit Lake baz=41,SNR=6.1	41.23 326 P	P	02 33 36.7 -0.6
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	DAU	Daniel Canyon baz=33	32.53 330 eP	P	02 32 23.8 +0.4	E07A	Sunnyside comp-Z,SNR=6.1	41.28 330 eP	P	02 33 36.9 -0.8
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	P14A	Drum Mountains baz=33,SNR=7.0	32.82 327 ↓P	P	02 32 26.3 +0.4	OD2	Odessa Site #2 comp-Z,SNR=6.1	41.32 331 eP	P	02 33 37.1 -0.9
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	COWI	Conover comp-Z,1.5nm,0.8s,m3.0	32.90 2 eP	P	02 32 22.7 -3.8	HOOD	Mount Hood Mea comp-Z,SNR=6.1	41.36 327 eP	P	02 33 36.3 -2.1
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	MPMC	Manual Prospec baz=33,SNR=7.5	33.06 318 ↑P	P	02 32 28.8 +0.7	C09A	Chrisman Ranch comp-Z,SNR=6.1	41.42 332 ↑P	P	02 33 38.1 -0.7
JTS	comp-Z,1.6nm,0.3s,baz=298,slow=23,SNR=9.2	LR	02 30 02.1	R11A	Troy Canyon, C baz=33,SNR=9.4	33.34 323 ↓P	P	02 32 32.1 +1					





Table with columns for station code, name, coordinates, and status. Includes stations like UZH, THRS, VTS, SRD, ARS, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like MDJ, MDJ, MDJ, MDJ, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like MOX, MOX, MOX, MOX, etc.



Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like CART Cartagena, PETK Petropavlovsk, and many others.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like PMR comp=Z,44nm,0.9s,mb5.0, SML Sawmill, and many others.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like A22A Carney Farms, EYMN Ely, and many others.



E17A	Martinsdale	95.58	3	↑P	P	03 07 45.9 +0.5
F10A	Beach Ranch, E	95.61	7	↑P	P	03 07 45.8 +0.2
E20A	Meyer Farm, Mu	95.62	1	↑P	P	03 07 46.2 +0.6
E19A	Rath Farm, Rou	95.65	2	↓P	P	03 07 46.6 +0.9
G04A	Mulins	95.70	11	↑P	P	03 07 46.8 +0.8
F12A	Elk City	96.01	6	↑P	P	03 07 45.5 -1.9
F13A	Darby	96.05	5	↓P	P	03 07 47.5 -0.1
F14A	Wisdom	96.10	5	↓P	P	03 07 48.4 +0.6
F15A	Butte	96.12	4	↓P	P	03 07 48.2 +0.2
LRM	Limekin Ridge	96.14	4	↓P	P	03 07 48.2 +0.2
F17A	Fitzpatrick Pl	96.15	3	↓P	P	03 07 48.7 +0.7
F18A	Big Timber	96.18	2	↓P	P	03 07 49.0 +0.8
F19A	Kennard Place,	96.22	4	↓P	P	03 07 48.9 +0.5
F16A	baz=96, SNR=8.4	96.25	2	↓P	P	03 07 49.0 +0.5
F19A	Roth Farm, Mol	96.25	2	↓P	P	03 07 49.2 +0.5
GCMT	Greycliff	96.30	2	↑P	P	03 07 49.2 +0.5
BOZ	Bozeman (W)	96.36	4	↑P	P	03 07 49.3 +0.3
BOZ	Bozeman (W)	96.36	4	↓P	P	03 07 49.7 +0.7
BOZ	Bozeman (W)	96.36	4	↑P	P	03 08 27.4 +1.1
BOZ	Bozeman (W)	96.36	4	↓P	P	03 08 27.4 +1.1
DLMT	Dillon	96.59	4	↑P	P	03 07 50.4 +0.3
DLMT	Dillon	96.59	4	↓P	P	03 08 28.5 +1.1
G14A	Jackson	96.66	5	↑P	P	03 07 50.5 +0.1
G13A	Cobalt	96.75	5	↓P	P	03 07 50.9 +0.1
G16A	Moss Hill, Enn	96.77	4	↓P	P	03 07 51.6 +0.8
G15A	Dillon	96.80	4	↑P	P	03 07 51.6 +0.7
G20A	Bridger	96.90	1	↑P	P	03 07 52.0 +0.5
RLMT	Red Lodge	96.97	2	↑P	P	03 07 52.9 +1.1
RLMT	Red Lodge	96.97	2	↓P	P	03 07 52.9 +1.1
RLMT	Red Lodge	96.97	2	↑P	P	03 08 28.6 -0.5
MCMT	McKenzie Canyo	97.11	4	↑P	P	03 07 52.8 +0.4
I07A	Izée	97.22	9	↑P	P	03 07 53.7 +0.8
H13A	Challis	97.28	6	↑P	P	03 07 53.1 -0.1
H14A	Leadore	97.29	5	↑P	P	03 07 53.4 +0.2
H18A	Shoshone NF, C	97.41	2	↑P	P	03 07 54.4 +0.7
H19A	Powell	97.43	2	↑P	P	03 07 54.7 +0.8
H21A	Big Horn, Sher	97.50	0	↑P	P	03 07 55.1 +0.9
H20A	Greybull	97.64	1	↑P	P	03 07 55.5 +0.8
H17A	Grant Valley	97.66	3	↑P	P	03 07 56.7 +1.8
JFWS	Jewell Farm	97.86 348	eP	P	P	03 07 55.5 -0.3
JFWS	Jewell Farm	97.86 348	eP	P	P	03 07 55.5 -0.3
JFWS	Jewell Farm	97.86 348	eP	P	P	03 07 55.5 -0.3
ECSD	EROS Data Cent	97.90 353	eP	P	P	03 07 55.7 -0.2
FLWY	Flag Ranch	97.97	3	↑P	P	03 07 58.0 +1.8
I14A	Mackay	97.97	5	↓P	P	03 07 57.2 +1.0
I12A	Atlanta	97.97	6	↓P	P	03 07 56.9 +0.6
RSSD	Black Hills	97.98 358	↓P	P	P	03 07 56.8 +0.5
RSSD	Black Hills	97.98 358	↓P	P	P	03 07 56.8 +0.5
RSSD	Black Hills	97.98 358	↓P	P	P	03 07 56.8 +0.5
I16A	Newdale	98.14	4	↓P	P	03 07 58.2 +1.2
IMW	Indian Meadow	98.14	3	↑P	P	03 07 58.5 +1.4
IMW	Indian Meadow	98.14	3	↑P	P	03 08 02.4 +2.3
I20A	Worldand	98.17	1	↓P	P	03 07 57.3 +0.1
HLID	Hailey	98.26	6	↓P	P	03 07 57.2 -0.4
HLID	Hailey	98.26	6	↓P	P	03 07 57.5 -0.1
MFID	Camas Ranch	98.29	7	↓P	P	03 07 57.9 +0.2
MOOW	Moose Ponds	98.30	3	↑P	P	03 07 58.5 +0.8
I21A	Big Trails, Te	98.32	1	↑P	P	03 07 58.2 +0.4
LOHW	Long Hollow	98.44	3	↑P	P	03 07 58.7 +0.3
TPAW	Teton Pass	98.55	3	↑P	P	03 07 59.0 +0.1
SNOW	Snow King Mount	98.58	3	↑P	P	03 07 59.5 +0.5
J17A	Yreka Blue Hor	98.68	3	↑P	P	03 08 00.0 +0.5
J22A	Midwest	98.72 360	↓P	P	P	03 07 59.8 +0.2
J20A	Shoshoni	98.77	1	↑P	P	03 08 00.7 +0.8
J21A	Lysite	98.78	1	↑P	P	03 08 01.3 +1.4
J19A	Crowheart	98.84	2	↓P	P	03 08 01.0 +0.9
J18A	Kendall Valley	98.86	3	↑P	P	03 08 01.5 +1.2
WVOR	Wild Horse Val	98.95	9	↑P	P	03 08 00.3 -0.4
WVOR	Wild Horse Val	98.95	9	↑P	P	03 08 00.3 -0.4
YBH	Yreka Blue Hor	99.05	12	↓P	P	03 08 01.9 +0.7
YBH	Yreka Blue Hor	99.05	12	↓P	P	03 08 01.9 +0.7
BW06	Boulder Array	99.32	2	↑P	P	03 08 02.4 0.0
PDAR	Pindale Array	99.32	2	↑P	P	03 08 02.5 0.0
PDAR	Pindale Array	99.32	2	↑P	P	03 08 02.5 0.0
PDAR	Pindale Array	99.32	2	↑P	P	03 12 07.7 +1.8
K14A	Jones Ranch, D	99.36	5	↓P	P	03 08 02.9 +0.3
K18A	Toitan Ranch,	99.43	3	↓P	P	03 08 02.6 -0.4
K20A	Yellowstone Ra	99.46	1	↑P	P	03 08 02.9 -0.1
L14A	Malta	99.87	5	↑P	P	03 08 05.9 +1.1
L19A	Farson	99.99	2	↓P	P	03 08 05.1 -0.3
L16A	Fish Haven	99.99	4	↓P	P	03 08 06.0 +0.6
L18A	Fontenelle, Gr	100.14	3	↑P	P	03 08 06.8 +0.8
HWUT	Hardware Ranch	100.39	4	↑P	P	03 08 08.2 +1.0
DUG	Dugway	101.73	5	↑P	P	03 08 14.0 +0.9
DUG	Dugway	101.73	5	↑P	P	03 08 14.2 +1.1
DUG	Dugway	101.73	5	↑P	P	03 08 14.2 +1.1
O19A	Miners Draw (B	101.80	2	↑P	P	03 08 15.2 +1.7
P14A	Drum Mountains	102.31	5	↑P	P	03 08 16.4 +0.7
P18A	Preston Nutter	102.43	3	↑P	P	03 08 17.0 +0.7
NVAR	Mina Array Bea	102.94	9	↓P	P	03 08 19.3 +0.8
NVAR	Mina Array Bea	102.94	9	↓P	P	03 12 39.1 +1.2

R18A	Canyonlands Na	103.68	3	↑P	Pdf	03 08 22.4 +0.6
PV01	Paradox Valley	103.97	2	eP	Pdf	03 08 24.3 +1.2
S16A	Weppner Ranch,	104.26	4	↑P	Pdf	03 08 29.9 +0.6
S20A	Disappointment	104.28	1	↓P	Pdf	03 08 26.3 +1.8
T18A	Mexican Hat	104.93	3	↑P	Pdf	03 08 28.6 +1.3
T24A	Torres, Weston	105.04 359	↓P	Pdf	Pdf	03 08 29.6 +1.7
WM0K	Whitita Mounta	107.02 353	ePKP	PKIKP	PKIKP	03 12 46.5 +1.0
MNTX	Cornudas Mount	110.40 359	ePKP	PKIKP	PKIKP	03 12 52.2 +0.3
JCT	Junction City	111.34 354	ePKP	PKIKP	PKIKP	03 12 54.0 +0.2
JCT	Junction City	111.34 354	ePKIKP	PKIKP	PKIKP	03 12 54.0 +0.3
JXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 09 03.5 +1.5
TXAR	comp=Z,0.5nm,0.9s,baz=18.5,slow=1.8,SNR=4.9		PKP	PKIKP	PKIKP	03 12 53.9 -2.5
TXAR	comp=Z,2.7nm,1.0s,baz=7.4,slow=3.9,SNR=8.4		PKP	PKP	PKP	03 13 44.8 +0.3
TXAR	comp=Z,0.5nm,0.9s,baz=184,slow=4.8,SNR=3.3		PKP	PKP	PKP	03 24 22.6 +3.8
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 09 03.5 +1.5
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 12 53.9 -2.5
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 13 44.8 +0.3
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 09 03.5 +1.5
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 12 53.9 -2.5
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 13 44.8 +0.3
TXAR	Lajitas Array	112.72 357	Pdf	Pdf	Pdf	03 09 03.5 +1.5
URV	Urewera	121.80 116	PKP	PKP	PKP	03 13 10.6 -2.8
SDZ	comp=Z,4.8nm,0.7s,baz=321,slow=6.5,SNR=4.0		PKP	PKP	PKP	03 13 14.5 -0.7
BDFB	Brasilia	124.11 277	PKP	PKP	PKP	03 13 18.3 -0.2
BDFB	Brasilia	124.11 277	PKP	PKP	PKP	03 15 01.3 -3.6
BDFB	Brasilia	124.11 277	PKIKP	PKP	PKP	03 13 18.3 -0.1
BDFB	Brasilia	124.11 277	PKIKP	PKP	PKP	03 15 01.3
TGUH	Tegucigalpa,Un	124.91 337	ePKP	PKP	PKP	03 13 20.8 +0.7
BCJR	Isia Barro Col	126.83 326	ePKP	PKP	PKP	03 13 24.8 +0.3
ROSC	El Rosal	127.17 318	PKP	PKP	PKP	03 13 27.2 +1.7
ROSC	El Rosal	127.17 318	PKP	PKP	PKP	03 13 26.8 +1.3
CPUP	Villa Florida	137.15 271	PKP	PKP	PKP	03 13 33.8
CPUP	Villa Florida	137.15 271	PKP	PKP	PKP	03 13 42.4 -0.4
CPUP	Villa Florida	137.15 271	PKP	PKP	PKP	03 13 33.8
CPUP	Villa Florida	137.15 271	PKP	PKP	PKP	03 13 42.2 -0.7
CPUP	Villa Florida	137.15 271	PKP	PKP	PKP	03 13 42.2
LPAZ	La Paz	139.82 292	PKP	PKP	PKP	03 13 48.7 +0.7
LPAZ	La Paz	139.82 292	PKP	PKP	PKP	03 13 48.7 +0.7
LPAZ	La Paz	139.82 292	PKP	PKP	PKP	03 13 48.7 +0.7
TRQA	Tornquist	145.18 256	ePKP	PKP	PKP	03 13 57.0 +0.2
TRQA	Tornquist	145.18 256	ePKP	PKP	PKP	03 14 35.3 -0.6
TRQA	Tornquist	145.18 256	ePKP	PKP	PKP	03 14 04.5 +1.2
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 08.0 +0.5
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 09.2 +1.1
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 15.7 +0.8
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 08.8 +0.6
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 15.1 +0.2
PLCA	Paso Flores	152.20 253	PKP	PKP	PKP	03 14 08.8 +0.7

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
URZ	Urewera	6.69 199	Op	03 28 07.2 +0.9	S		
URZ	Warramunga Ar	42.32 275	P	03 29 29.4 -0.8	S		
ASAR	Alice Springs	41.19 270	P	03 33 25.8 +0.3	P		
WRA	Warramunga Ar	42.32 275	P	03 33 34.1 -0.3	P		
FINES	FINES Array B	145.89 338	PKP	03 45 06.8 -0.9	PKP		

mb1 3.2/3, mb1mx3.0/15, mbtmp3.0/3, Error ellipse: s-maj=114.1 km s-min=42.0 km az=7.0, Kermadec Islands region

ISCJB 20 03:37:48.4 0.4 51.43N,0.02:16.11E:0.02, h0km, Error ellipse: s-maj=3.6 km s-min=1.9 km az=17.5

IPEC 20 03:37:48.6 0.3 51.59N:16.21E: h0km, ML2.4/3, Error ellipse: s-maj=2.0 km s-min=1.5 km az=35.0

NEIC 20 03:37:49.2 1.5 51.61N:16.14E: h5km, ML3.0(SZGRF), ML2.7(BRA), Error ellipse: s-maj=22.8 km s-min=7.0 km az=187.0

CSEM 20 03:37:49.8 0.2 51.48N:16.10E: h2km, ML3.5/1.1, Error ellipse: s-maj=4.6 km s-min=2.2 km az=19.0

WAR 20 03:37:50.5 5.1 52N:16.12E: ML2.8, Mining Induced

BGR 20 03:37:50.6 0.7 51.53N:16.12E: h1km, ML3.0/3, Error ellipse: s-maj=6.7 km s-min=3.6 km az=3.0

PRU 20 03:37:51.2 5.1 45N:16.14E: h0km, Feit In Harrahov

VIE 20 03:37:52.6 0.8 51.24N:16.08E: h0km, mb2.6/4, ML3.0/4, Error ellipse: s-maj=5.3 km s-min=4.7 km az=8.0 66 km WNW of Wroclaw Suspected



117A	Oracle	72.50 325	↑P	P	04 11 43.0 -0.2
DBIC	Dimbokro	72.53 72	↓P	P	04 11 44.4 +0.6
DBIC	comp=E, 4.5nm, 0.8s, mb4.3, baz=197, slow=9.4, SNR=4.5				04 12 02.7 +0.4
DBIC	comp=E, 3.9nm, 0.5s, baz=202, slow=9.6, SNR=2.9				04 40 51.6
DBIC	comp=E, 4.9nm, 20.3s, baz=149, slow=33				04 11 43.6 -0.2
DBIC	Dimbokro	72.53 72	↓P	P	04 11 43.9 +0.2
V24A	Rampart Ranch,	72.59 331	↑P	P	04 11 44.6 +0.7
X21A	Alamocita Cree	72.62 328	↑P	P	04 11 45.5 0.0
Y19A	Nutrioso	72.90 327	↓P	P	04 11 46.5 +0.5
X23A	Ortiz Mt. (NFS	73.00 330	↑P	P	04 11 46.6 +0.3
V20A	Quemado	73.03 328	↑P	P	04 11 46.9 +0.3
214A	Organ Pipe Nat	73.06 323	↑P	P	04 11 46.6 -0.3
Y18A	Canyon Day Jun	73.13 326	↑P	P	04 11 46.4 -0.5
CBKS	Cedar Bluff	73.15 337	↓P	P	04 11 48.2 +1.1
U24A	Moreno Valley	73.18 331	↑P	P	04 11 49.3 +1.0
115A	Sonoran Desert	73.35 324	↓P	P	04 11 49.2 +0.6
T25A	Trinidad	73.44 332	↑P	P	04 11 49.7 +0.9
V22A	San Miguel Ran	73.45 330	↓P	P	04 11 49.2 +0.4
Y17A	Roosevelt	73.46 326	↑P	P	04 11 49.7 +0.7
U23A	El Rito	73.49 331	↑P	P	04 11 49.7 +0.6
W20A	Ramah	73.51 328	↑P	P	04 11 50.7 +0.8
T24A	Torres, Weston	73.55 332	↑P	P	04 11 50.7 +0.8
114A	Black Gap (USA	73.73 324	↑P	P	04 11 51.9 +1.0
U22A	Llaves	73.82 330	↑P	P	04 11 51.7 +0.4
S25A	Robets Cordova	73.90 333	↑P	P	04 11 52.1 +0.6
W19A	Sanders	73.91 328	↑P	P	04 11 52.9 +0.4
Y16A	Circle Bar Ran	73.92 325	↓P	P	04 11 52.6 +0.3
X17A	Forest Lakes	73.95 326	↑P	P	04 11 52.5 +0.4
T23A	Casias Ranch,	74.03 331	↑P	P	04 11 53.0 +1.0
V20A	Brimhall	74.05 329	↑P	P	04 11 54.0 +1.0
S24A	Houchin Ranch,	74.20 331	↑P	P	04 11 54.0 +1.0
U21A	Nagezi	74.21 330	↑P	P	04 11 54.8 +0.6
X16A	Lo Mia Camp, P	74.33 326	↑P	P	04 11 54.9 +0.7
T22A	Edith	74.38 330	↑P	P	04 11 54.5 +0.2
Y15A	Casa Rosa Ranc	74.40 325	↑P	P	04 11 54.5 +0.2
SDCO	Great Sand Dun	74.41 332	↑P	P	04 11 54.2 0.0
SDCO	Great Sand Dun	74.41 332	↑P	P	04 12 12.5 -0.4
SDCO	comp=E, 1.8nm, 0.6s, mb4.0				04 11 54.9 +0.1
Z13A	Yuma Proving G	74.48 324	↑P	P	04 11 56.3 +0.7
T21A	Navajo Lake	74.63 330	↑P	P	04 11 55.9 +0.1
V18A	Ganado	74.66 328	↑P	P	04 11 56.3 +0.5
R24A	Sanders Place,	74.66 332	↑P	P	04 11 56.1 -0.1
Y14A	Wickenburg	74.73 324	↑P	P	04 11 57.0 +0.5
X15A	Humboldt	74.78 325	↑P	P	04 11 56.5 0.0
U19A	Dine's College,	74.80 328	↑P	P	04 11 58.2 +0.9
W16A	Flagstaff	74.92 326	↑P	P	04 11 57.7 +0.2
S22A	4UR Ranch, Cre	74.96 331	↑P	P	04 11 58.2 +0.5
V17A	Toneale, Kykot	74.99 327	↓P	P	04 11 58.4 +0.3
Y13A	Salome	75.01 328	↑P	P	04 11 58.7 +0.3
X14A	Yava	75.09 325	↑P	P	04 11 59.4 +0.5
T19A	Beclabito	75.16 329	↑P	P	04 12 00.0 +0.6
U18A	Rough Rock, Ch	75.21 333	↑P	P	04 12 00.2 +0.6
Q24A	Divide	75.31 328	↑P	P	04 12 00.5 +0.6
R22A	Saguache, Gunn	75.34 331	↑P	P	04 12 00.5 +0.6
P25A	Willow Gulch B	75.39 334	↑P	P	04 12 01.3 +0.3
U16A	Tuba City	75.57 327	↑P	P	04 12 01.8 +0.2
X13A	Yuca	75.66 324	↑P	P	04 12 02.6 +0.9
S20A	Disappointment	75.69 330	↑P	P	04 12 02.8 +0.6
W14A	Selgman	75.78 325	↑P	P	04 12 02.9 +0.6
BC3	Big Chuckawall	75.78 323	↑P	P	04 12 02.6 +0.4
R21A	Cimarron	75.79 331	↑P	P	04 12 02.4 +0.1
T18A	Mexican Hat	75.80 329	↑P	P	04 12 03.2 +0.8
V15A	Kaibab Nationa	75.81 326	↑P	P	04 12 03.5 +0.5
Q22A	Crested Butte,	75.94 332	↑P	P	04 12 03.2 0.0
S19A	Harvey Farm, M	75.97 329	↑P	P	04 12 04.4 +0.9
R20A	Redvale	76.00 330	↑P	P	04 12 22.4 +0.1
PV01	Paradox Valley	76.04 330	↑P	P	04 12 04.3 +0.3
PV01	comp=E, 7.66nm, 1.1s				04 12 04.9 +0.6
W13A	Hualapai Mount	76.09 325	↑P	P	04 12 04.8 +0.6
T17A	Navajo Res., N	76.11 328	↑P	P	04 12 05.0 +0.4
V14A	Boutillas Ranc	76.12 325	↑P	P	04 12 04.8 +0.3
ISCO	Idaho Springs	76.21 333	↑P	P	04 12 04.8 +0.3
ISCO	Idaho Springs	76.21 333	↑P	P	04 12 04.8 +0.3
ISCO	comp=E, 2.9nm, 0.9s, mb4.3				04 12 23.6 +0.1
SMCO	Snowmass	76.23 332	↑P	P	04 12 05.9 +0.8
SMCO	comp=E, 1.1nm, 0.7s, mb4.7				04 12 06.4 +0.9
SMCO	Hurst Farm, Bl	76.30 329	↑P	P	04 12 06.3 +0.2
S16A	North Rim	76.36 326	↑P	P	04 12 06.5 +0.3
R19A	Curley Farm, L	76.47 330	↑P	P	04 12 05.9 -0.9
P22A	Eagle	76.50 332	↑P	P	04 12 24.4 -1.1
ECSD	EROS Data Cent	76.63 341	↑P	P	04 12 08.0 +0.8
ECSD	comp=E, 1.4nm, 0.8s, mb4.7				04 12 08.0 +0.8
Q23A	Lake Granby, G	76.68 333	↑P	P	04 12 08.4 +0.9
P21A	Newcastle	76.72 332	↑P	P	04 12 07.7 +0.1
V13A	Grand Canyon W	76.73 325	↑P	P	04 12 08.1 +0.4
W12A	Cal Nev Ari	76.75 324	↑P	P	04 12 08.0 +0.3
GMRC	Granite Mounta	76.75 323	↑P	P	04 12 08.7 +0.8
U14A	Mt Trumbull	76.78 326	↑P	P	04 12 08.1 0.0
R18A	Canyonlands Na	76.83 329	↑P	P	

O22A	Kremmling	76.89 332	↑P	P	04 12 08.8 +0.3
Q19A	Hogan Spring (	77.02 330	↑P	P	04 12 09.4 +0.3
S16A	Wepner Ranch,	77.07 328	↑P	P	04 12 09.4 0.0
V12A	Nelson	77.07 324	↓P	P	04 12 09.6 +0.1
P20A	De Beque	77.10 331	↑P	P	04 12 10.2 +0.6
U13A	Pakoon Wash	77.16 325	↑P	P	04 12 10.4 +0.4
R17A	Hartsville Air	77.22 329	↑P	P	04 12 11.0 +0.1
T14A	Hurricane	77.24 326	↑P	P	04 12 11.0 +0.5
N23A	Red Feather L	77.28 333	↑P	P	04 12 11.5 +0.9
S15A	Panguitch	77.39 327	↑P	P	04 12 11.8 +0.5
N22A	Wattenberg Ran	77.40 333	↑P	P	04 12 12.2 +0.9
V11A	Goodsprings	77.45 324	↑P	P	04 12 11.9 +0.3
P19A	Cripple Cowboy	77.46 331	↑P	P	04 12 12.1 +0.5
U12A	Valley of Fire	77.46 325	↑P	P	04 12 12.0 +0.3
R16A	Teasdale	77.47 328	↓P	P	04 12 11.6 -0.1
Q18A	Rafter H Ranch	77.53 329	↑P	P	04 12 12.2 +0.2
O20A	White River Ci	77.56 331	↑P	P	04 12 12.6 +0.4
T13A	Saint George	77.61 326	↑P	P	04 12 12.9 +0.3
SRU	San Rafael	77.70 329	↑P	P	04 12 13.0 +0.1
SRU	San Rafael	77.70 329	↑P	P	04 12 13.2 +0.2
SRU	comp=E, 7.5nm, 0.7s, mb4.5				04 12 31.3 -0.4
CCUT	Cedar City	77.77 326	↑P	P	04 12 14.3 +0.9
CCUT	comp=E, 6.1nm, 0.9s, mb4.3				04 12 32.9 +0.8
R15A	Junction	77.78 328	↓P	P	04 12 13.9 +0.5
N21A	Black Mountain	77.79 332	↑P	P	04 12 14.2 +0.7
Q16A	Castle Valley	77.84 329	↑P	P	04 12 14.4 +0.7
S14A	Cedar City	77.84 327	↑P	P	04 12 14.2 +0.4
MSU	Marysvale	77.97 328	↑P	P	04 12 14.9 +0.4
MSU	comp=E, 1.1nm, 1.3s, mb4.4				04 12 35.5 +0.3
ARUT	Antelope Rang	77.99 327	↑P	P	04 12 15.0 +0.4
P18A	Preston Nutter	78.01 330	↑P	P	04 12 15.3 +0.7
S13A	Holt Ranch, En	78.03 326	↑P	P	04 12 15.6 +0.8
O19A	Miners Draw (B	78.07 331	↑P	P	04 12 15.0 0.0
P17A	Butcher Ranch,	78.10 329	↑P	P	04 12 15.2 0.0
N20A	Spence Gulch,	78.16 332	↑P	P	04 12 15.5 0.0
O18A	Roosevelt	78.43 330	↑P	P	04 12 17.5 +0.6
M21A	Separation Pea	78.44 333	↑P	P	04 12 17.2 +0.2
RWWY	Rawlins	78.45 333	↑P	P	04 12 17.6 +0.5
RWWY	comp=E, 1.4nm, 0.7s, mb4.8				04 12 35.7 -0.2
N19A	John Jarvie Ra	78.59 331	↑P	P	04 12 18.0 +0.2
M20A	Sweetwater, Wa	78.68 332	↑P	P	04 12 18.3 0.0
O17A	Robinson Place	78.69 330	↑P	P	04 12 18.8 +0.5
MPMC	Manual Prospec	78.69 333	↑P	P	04 12 18.1 -0.4
L21A	Rawlins	78.75 323	↑P	P	04 12 18.5 -0.2
Q14A	Sevier Lake (B	78.87 327	↑P	P	04 12 19.7 +0.3
N18A	Larn Ranch,	78.87 331	↑P	P	04 12 19.3 -0.1
ISA	Isabella	78.92 322	↑P	P	04 12 20.2 +0.5
MPU	Maple Canyon	78.94 329	↑P	P	04 12 20.3 +0.5
K22A	Caspe	79.00 334	↑P	P	04 12 20.3 +0.3
O16A	Springville	79.03 329	↑P	P	04 12 20.7 +0.4
NLU	North Lily Min	79.09 329	↑P	P	04 12 21.4 +0.9
DAU	Danielie Canyon	79.09 327	↑P	P	04 12 21.2 +0.6
L20A	Wamsutter	79.17 332	↑P	P	04 12 21.2 +0.2
P14A	Drum Mountains	79.25 328	↑P	P	04 12 22.0 +0.5
K21A	Alcoeva	79.27 333	↑P	P	04 12 21.7 +0.2
JLU	Jordanelle	79.33 330	↑P	P	04 12 22.2 +0.3
JLU	comp=E, 5.6nm, 0.7s, mb4.5				04 12 40.7 -0.1
N17A	Moffit Pass	79.34 330	↑P	P	04 12 22.3 +0.3
RSSD	Black Hills	79.35 336	↑P	P	04 12 22.0 +0.1
R11A	Troy Canyon, C	79.48 326	↑P	P	04 12 23.2 +0.4
SMCC	Simmler	79.48 321	↑P	P	04 12 23.4 +0.5
DUG	Dugway	79.62 328	↑P	P	04 12 23.7 +0.3
DUG	comp=E, 5.5nm, 0.9s, mb4.4				04 12 23.8 +0.3
DUG	Midwest	79.63 334	↑P	P	04 12 42.3 0.0
DUG	comp=E, 5.5nm, 0.9s, mb4.4				04 12 43.3 -0.6
J22A	Midwest	79.63 334	↑P	P	04 12 22.6 -0.8
L19A	Farson	79.67 332	↑P	P	04 12 24.1 +0.4
K20A	Yellowstone Ra	79.72 333	↑P	P	04 12 23.4 -0.6
L18A	Fontenelle, G	79.81 331	↑P	P	04 12 24.4 0.0
M16A	Huntsville	79.99 330	↑P	P	04 12 25.2 -0.3
K19A	Absolon Red Bu	80.06 332	↑P	P	04 12 25.5 -0.3
HWUT	Hardware Ranch	80.20 330	↑P	P	04 12 25.8 -0.7
HWUT	comp=E, 7.7nm, 0.7s, mb4.6				04 12 44.4 -1.0
J20A	Shoshoni	80.20 333	↑P	P	04 12 26.9 +0.4
I21A	Big Trails, Te	80.28 334	↑P	P	04 12 26.3 -0.6
PDAR	Pinalde Arroy	80.30 332	↑P	P	04 12 26.6 -0.6
PDAR	comp=E, 1.8nm, 0.7s, mb4.0, baz=134, slow=4.3, SNR=15				04 12 45.0 -1.0
PDAR	comp=E, 1.3nm, 0.6s, baz=129, slow=7.3, SNR=6.3				04 12 26.7 -0.4
BW06	Boulder Array	80.31 332	↑P	P	04 12 26.7 -0.4
K18A	Toltan Ranch,	80.40 332	↑P	P	04 12 28.0 +0.4
L16A	Fish Haven	80.47 330	↑P	P	04 12 27.9 -0.2
J19A	Crowheart	80.51 333	↑P	P	04 12 28.0 -0.2
I20A	Worland	80.72 333	↑P	P	04 12 29.4 0.0
K17A	Gardner Place,	80.86 331	↑P	P	04 12 30.0 -0.1
J18A	Kendall Valley	80.86 332	↑P	P	04 12 29.6 -0.5
L15A	Malad City	80.88 330	↑P	P	04 12 29.7 -0.5
NVAR	Mina Array Bea	80.91 324	↑P	P	04 12 29.3 -1.1
NVAR	comp=E, 1.3nm, 0.9s, mb3.8, baz=143, slow=7.2, SNR=7.6				04 12 47.9 -1.4
BOSA	Boshof	81.06 118	↑P	P	04 12 32.2 +0.5
BOSA	comp=E, 2.6nm, 0.5s, mb4.3, baz=246, slow=16, SNR=8.6				04 12 50.9 +0.3
BOSA	comp=E, 1.6nm, 0.4s, baz=268, slow=19, SNR=2.0				04 12 18.8 +0.3
BOSA	comp=E, 6.4nm, 20.3s, baz=168, slow=31				

BOSA	Boshof	81.06 118	↑P	P	04 12 32.1 +0.3
H20A	Greybull	81.12 334	↑P	P	04 1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like B13A Whitefish, C11A Teepee Creek, WALA Waterton Lakes, etc.

DMN 20 04:11:40.7.3.1, 31.72N;83.38E, h33km, Mb5.3/2, Error ellipse: s-maj=73.8km s-min=8.2km az=158.0

ISC 20 04:11:52.7.0.7, 30.82N;0.06;83.48E;0.05, h63km, 10km, mb3.9/13, Error ellipse: s-maj=10.1km s-min=6.1km az=18.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

KNET 20 04:15:51.9.0.3, 42.27N;74.86E, h20km, 5km, ml2.9, Error ellipse: s-maj=2.9km s-min=2.4km az=14.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KZA Kyzart, KZA Karagaybulak, KBK Karagaybulak, etc.

MAN 20 04:25:09, 18.22N;119.64E, h1km, mb4.3, ML3.1, MS2.9, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABRA Dolores, APYD Canner, BOP Bolinao, etc.

ISC 20 04:39:22.9.1.9, 1.53N;126.09E, h0km, mb3.4/3, mb1.6/3, mb1mx3.4/17, mbtmpp3.4/3, Error ellipse: s-maj=160.6km s-min=24.7km az=65.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MNI Manado, KMSI Cibinong, KMSI Ternate, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SPAO Spitsbergen Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, etc.

KISR 20 04:45:03.6.0.7, 32.57N;47.43E, h29km, 999km, ML2.7, CSEM 20 04:45:04.5.0.3, 32.66N;47.28E, h20km, mb3.3, Error ellipse: s-maj=10.0km s-min=5.3km az=85.0

SGS 20 04:45:05.5, 32.60N;47.35E, h13km, TEH 20 04:45:06.9, 32.72N;47.35E, h30km, NEIC 20 04:45:06.9, 32.72N;47.35E, h30km, ML3.0 (THR), MN3.3 (TEH), After TEH.

ISC 20 04:45:04.2.1.5, 32.65N;0.03;47.27E;0.07, h17km, 11km, n68, s=1510/80, mb3.6/4, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IKOM Komasi, IGHE Ghaleghazi, IGHE Ghaleghazi, etc.



Table with columns: JCT, Junction City, Time, Status, and other details. Includes entries like JCT Junction City, HPIC Vicksburg, 628A Black Gap, etc.

Table with columns: JCT, Ranch Name, Time, Status, and other details. Includes entries like 320A Kipp Ranch, 221A Mesquite Ranch, X26A CR and CF Ranch, etc.

Table with columns: JCT, Ranch Name, Time, Status, and other details. Includes entries like WVCC Virginia Weste, W24A Torres, W20A Ramah, etc.



U17A	baz=28	27.43 326	↑P	P	04 58 09.6 +0.8
Q22A	baz=28	27.45 335	↑P	P	04 58 09.5 +0.6
P23A	baz=28,SNR=5.3	27.46 337	↑P	P	04 58 10.3 +1.2
R20A	baz=28	27.53 332	P	P	04 58 10.8 +1.0
R20A	baz=28,SNR=35		↑P	P	05 01 26.2 -0.3
S19A	baz=28	27.53 330	↑P	P	04 58 10.3 +0.5
S19A	Paradox Valley	27.58 331	↑P	P	05 01 25.7 -0.9
GLA	baz=28	27.57 316	↑P	P	04 58 10.4 +0.2
GLA	baz=28,SNR=16	27.57 316	eP	P	04 58 09.4 -0.8
GLA	comp=Z,4nm,1.2s,mb5.2	27.57 316	eP	P	04 58 09.4 -0.8
GLA	GLA	27.57 316	eP	P	04 58 09.4 -0.8
PV01	comp=Z,74nm,1.2s,mb5.2	27.58 331	eP	P	04 58 10.9 +0.8
V15A	Paradox Valley	27.70 323	P	P	04 58 12.0 +0.7
V15A	Kaibab Nationa	27.70 323	P	P	04 58 12.0 +0.7
ISCO	baz=28,SNR=48	27.74 337	↑P	P	05 01 24.3 -0.7
ISCO	Idaho Springs	27.74 337	↑P	P	04 58 11.4 -0.2
ISCO	baz=28,SNR=6.2		↑P	P	05 01 25.9 -1.2
ISCO	Idaho Springs	27.74 337	eP	P	05 01 25.9 -1.2
ISCO	Idaho Springs	27.74 337	eP	P	05 01 25.9
ISCO	Idaho Springs	27.74 337	eP	P	05 01 25.9
Y12C	comp=Z,12nm,1.0s,mb4.5	27.79 317	↑P	P	04 58 12.0 -0.2
Y12C	Blythe	27.79 317	↑P	P	04 58 12.0 -0.2
T17A	baz=28	27.80 327	P	P	04 58 12.9 +0.8
T17A	Navajo Res., N	27.80 327	P	P	04 58 12.9 +0.8
W14A	baz=28	27.82 321	P	P	04 58 12.8 +0.5
W14A	Seligman	27.82 321	P	P	04 58 12.8 +0.5
W14A	baz=28,SNR=29		↑P	P	05 01 26.6 -0.7
X13A	baz=28	27.88 319	P	P	04 58 12.9 +0.0
X13A	Yucca	27.88 319	P	P	04 58 12.9 +0.0
PDMC1	baz=28,SNR=30	27.89 319	↑P	P	04 58 13.2 +0.2
PDMC1	Parker Dam,Lak	27.89 319	↑P	P	04 58 13.2 +0.2
S18A	baz=28,SNR=21	27.91 329	↑P	P	04 58 13.8 +0.7
S18A	Hurst Farm, Bl	27.91 329	↑P	P	04 58 13.8 +0.7
PV04	baz=28,SNR=36	27.94 331	↑P	P	04 58 14.1 +0.7
P22A	Paradox Valley	28.01 336	↑P	P	04 58 14.3 +0.3
P22A	Eagle	28.01 336	↑P	P	04 58 14.3 +0.3
R19A	baz=28,SNR=6.4	28.03 331	↑P	P	04 58 14.6 +0.5
R19A	Curley Farm, L	28.03 331	↑P	P	04 58 14.6 +0.5
Q20A	baz=28,SNR=6.3	28.12 333	↑P	P	04 58 15.4 +0.5
Q20A	Ridgley Place,	28.12 333	↑P	P	04 58 15.4 +0.5
V14A	Boquillas Ranc	28.12 322	P	P	04 58 15.7 +0.7
V14A	baz=28,SNR=67		↑P	P	05 01 26.7 -1.4
T16A	baz=28	28.17 326	↑P	P	04 58 16.3 +0.9
T16A	Glenn Canyon Da	28.17 326	↑P	P	04 58 16.3 +0.9
SWSC	baz=28,SNR=11	28.17 315	↑P	P	04 58 15.3 -0.2
SWSC	Sam W. Stewart	28.17 315	↑P	P	04 58 15.3 -0.2
U15A	baz=28,SNR=5.5	28.20 324	P	P	04 58 16.6 +0.8
U15A	North Rim	28.20 324	P	P	04 58 16.6 +0.8
SDMD	baz=28,SNR=36	28.20 26	eP	P	04 58 14.2 -1.5
SDMD	Soldier's Deli	28.20 26	eP	P	04 58 14.2 -1.5
SDMD	comp=Z,60nm,0.9s,mb5.2		eP	P	04 58 30.2 -0.2
SDMD	comp=Z,60nm,0.9s,mb5.2		eP	P	04 58 30.2 -0.2
DVTC	Desert V Tower	28.22 314	↑P	P	04 58 16.0 0.0
P21A	baz=28	28.23 335	↑P	P	04 58 16.8 +0.9
P21A	Newcastle	28.23 335	↑P	P	04 58 16.8 +0.9
W13A	baz=28	28.24 320	↑P	P	05 01 27.3 -1.1
W13A	Hualapai Mount	28.24 320	↑P	P	05 01 27.3 -1.1
W13A	baz=28		↑P	P	05 01 27.3 -1.1
S17A	baz=28	28.28 328	P	P	04 58 16.9 +0.5
S17A	Black Ridge (B	28.28 328	P	P	04 58 16.9 +0.5
JFWS	baz=28,SNR=17	28.30 3	eP	P	04 58 16.1 -0.4
JFWS	Jewell Farm	28.30 3	eP	P	04 58 16.1 -0.4
JFWS	comp=Z,29nm,0.6s,mb5.1	28.30 3	eP	P	04 58 16.1 -0.4
JFWS	Jewell Farm	28.30 3	eP	P	04 58 16.1 -0.4
JFWS	Jewell Farm	28.30 3	eP	P	04 58 16.1 -0.4
BC3	comp=Z,29nm,0.6s,mb5.1	28.35 316	P	P	04 58 17.2 +0.1
BC3	Big Chuckawall	28.35 316	P	P	04 58 17.2 +0.1
BC3	baz=29,SNR=49		↑P	P	05 01 26.6 -2.1
R18A	baz=29	28.41 330	↑P	P	04 58 17.8 +0.3
R18A	Canyonlands Na	28.41 330	↑P	P	04 58 17.8 +0.3
Q22A	baz=29,SNR=6	28.41 337	↑P	P	04 58 17.5 0.0
Q22A	Kremmling	28.41 337	↑P	P	04 58 17.5 0.0
IRM	baz=29,SNR=9.5	28.45 317	P	P	04 58 18.1 +0.1
IRM	Iron Mountain	28.45 317	P	P	04 58 18.1 +0.1
IRM	baz=29,SNR=18		↑P	P	05 01 27.9 -1.0
Q19A	baz=29	28.56 331	↑P	P	04 58 19.4 +0.6
Q19A	Hogan Spring (	28.56 331	↑P	P	04 58 19.4 +0.6
MONP	baz=29,SNR=26	28.57 314	↑P	P	04 58 19.4 +0.3
MONP	Monument Peak	28.57 314	↑P	P	04 58 19.4 +0.3
MONP	baz=29,SNR=5.1		↑P	P	05 01 28.1 -1.1
P20A	baz=29	28.61 333	↑P	P	04 58 19.8 +0.5
P20A	De Beque	28.61 333	↑P	P	04 58 19.8 +0.5
T15A	baz=29,SNR=14	28.67 325	P	P	04 58 20.7 +0.8
T15A	Red Dirt Ranch	28.67 325	P	P	04 58 20.7 +0.8
T15A	baz=29,SNR=47		↑P	P	05 01 28.2 -1.2
U14A	baz=29	28.70 323	↑P	P	04 58 21.3 +1.0
U14A	Mt Trumbull	28.70 323	↑P	P	04 58 21.3 +1.0
S16A	baz=29,SNR=44	28.76 327	↑P	P	04 58 21.1 +0.4
S16A	Weppner Ranch,	28.76 327	↑P	P	04 58 21.1 +0.4
V13A	baz=29,SNR=27	28.80 321	↑P	P	04 58 21.7 +0.7
V13A	Grand Canyon W	28.80 321	↑P	P	04 58 21.7 +0.7
V13A	baz=29,SNR=57		↑P	P	05 01 28.5 -1.2
SSPA	baz=29	28.83 23	eP	P	04 58 19.4 -1.8
SSPA	Standing Stone	28.83 23	eP	P	04 58 19.4 -1.8
SSPA	comp=Z,21nm,0.9s,mb4.9		eP	P	04 58 35.6 -0.4
R17A	baz=29,SNR=24	28.83 329	↑P	P	04 58 22.0 +0.7
R17A	Hanksville Air	28.83 329	↑P	P	04 58 22.0 +0.7
BELC	baz=29,SNR=12	28.92 316	P	P	04 58 22.3 +0.1
BELC	Belle Mtn. Jos	28.92 316	P	P	04 58 22.3 +0.1
BELC	baz=29,SNR=12		↑P	P	05 01 28.4 -1.7
N22A	baz=29	28.93 337	↑P	P	04 58 22.8 +0.7
N22A	Wattenberg Ran	28.93 337	↑P	P	04 58 22.8 +0.7
N22A	baz=29		↑P	P	05 01 29.8 -0.2
P19A	baz=29	28.98 333	↑P	P	04 58 23.3 +0.7
P19A	Cripps Cowboy	28.98 333	↑P	P	04 58 23.3 +0.7
W12A	baz=29,SNR=6.4	28.99 319	↑P	P	04 58 23.2 +0.5
W12A	Cal Nev Ari	28.99 319	↑P	P	04 58 23.2 +0.5
LDFC	baz=29,SNR=7.4	29.00 319	eP	P	04 58 23.8 +1.0
LDFC	Landfair	29.00 319	eP	P	04 58 23.8 +1.0
PFO	comp=Z,41nm,0.8s,mb5.2	29.00 315	eP	P	04 58 22.9 0.0
PFO	Pinyon Flat Ob	29.00 315	eP	P	04 58 22.9 0.0
O20A	baz=29	29.07 334	↑P	P	04 58 24.2 +0.8
O20A	White River Ci	29.07 334	↑P	P	04 58 24.2 +0.8
Q18A	baz=29,SNR=11	29.08 331	↑P	P	04 58 24.3 +0.8
Q18A	Rafter H Ranch	29.08 331	↑P	P	04 58 24.3 +0.8
T14A	baz=29,SNR=42	29.10 324	↑P	P	04 58 24.7 +1.0
T14A	Hurricane	29.10 324	↑P	P	04 58 24.7 +1.0
R16A	baz=29,SNR=34	29.12 328	↑P	P	04 58 25.0 +1.1
R16A	Teasdale	29.12 328	↑P	P	04 58 25.0 +1.1
R16A	baz=29,SNR=48		↑P	P	05 01 29.7 -0.8
S15A	baz=29	29.14 326	↑P	P	04 58 25.5 +1.5
S15A	Panguitch	29.14 326	↑P	P	04 58 25.5 +1.5
U13A	baz=29,SNR=24	29.15 322	↑P	P	04 58 25.3 +1.1
U13A	Pakoon Wash	29.15 322	↑P	P	04 58 25.3 +1.1
U13A	baz=29,SNR=54		↑P	P	05 01 29.0 -1.7
GMRG	baz=29	29.17 318	↑P	P	04 58 24.9 +0.6
GMRG	Granite Mounta	29.17 318	↑P	P	04 58 24.9 +0.6
V12A	baz=29,SNR=19	29.25 320	P	P	04 58 25.4 +0.4
V12A	Nelson	29.25 320	P	P	04 58 25.4 +0.4
V12A	baz=30,SNR=67		↑P	P	05 01 27.6 -3.3
SRU	baz=30	29.28 330	↑P	P	04 58 25.9 +0.6
SRU	San Rafael	29.28 330	↑P	P	04 58 25.9 +0.6
SRU	baz=30,SNR=24		↑P	P	05 01 29.5 -1.4

SRU	baz=30	29.28 330	eP	P	04 58 25.3 0.0
SRU	San Rafael	29.28 330	eP	P	04 58 25.3 0.0
SRU	comp=Z,94nm,1.6s,mb5.3		eP	P	05 01 29.1 -1.8
SRU	San Rafael	29.28 330	eP	P	04 58 25.3 0.0
SRU	San Rafael	29.28 330	eP	P	05 01 29.1
SRU	San Rafael	29.28 330	eP	P	05 01 29.1
N21A	comp=Z,94nm,1.6s,mb5.3	29.30 336	↑P	P	04 58 26.3 +0.8
N21A	Black Mountain	29.30 336	↑P	P	04 58 26.3 +0.8
ECSD	baz=30,SNR=15	29.31 353	eP	P	04 58 24.0 -1.4
ECSD	EROS Data Cent	29.31 353	eP	P	04 58 24.0 -1.4
ECSD	comp=Z,26nm,1.0s,mb4.9		eP	P	05 01 29.4 -1.5
ECSD	EROS Data Cent	29.31 353	eP	P	05 05 06.6 -1.0
ECSD	EROS Data Cent	29.31 353	eP	P	04 58 27.9 +0.9
O16A	baz=30	29.45 329	P	P	04 58 28.1 +1.0
O16A	Castle Valley	29.45 329	P	P	04 58 28.1 +1.0
R15A	baz=30,SNR=6.2	29.48 327	↑P	P	04 58 27.7 +0.2
R15A	Junction	29.48 327	↑P	P	04 58 27.7 +0.2
MURC	baz=30,SNR=5.5	29.51 314	↑P	P	04 58 27.8 +0.4
MURC	Murieta	29.51 314	↑P	P	04 58 27.8 +0.4
U12A	baz=30,SNR=20	29.52 322	↑P	P	04 58 28.8 +1.2
U12A	Valley of Fire	29.52 322	↑P	P	04 58 28.8 +1.2
T13A	baz=30,SNR=18	29.54 323	↑P	P	04 58 28.6 +0.9
T13A	Saint George	29.54 323	↑P	P	04 58 28.6 +0.9
P18A	baz=30,SNR=18	29.55 331	↑P	P	04 58 28.2 0.0
P18A	Preston Nutter	29.55 331	↑P	P	04 58 28.2 0.0
O19A	baz=30,SNR=7.3	29.59 333	↑P	P	04 58 29.2 +1.0
O19A	Miners Draw (B	29.59 333	↑P	P	04 58 29.2 +1.0
O19A	Cedar City	29.60 325	↑P	P	05 01 31.1 -0.6
O19A	Cedar City	29.60 325	↑P	P	05 05 08.4 -0.3
O19A	Cedar City	29.60 325	↑P	P	05 05 08.4 -0.3
CCUT	comp=Z,45nm,1.0s,mb5.2	29.63 317	eP	P	04 58 29.9 +1.4
CCUT	Hector,Ludlow	29.63 317	eP	P	04 58 29.9 +1.4
CCUT	Hector,Ludlow	29.63 317	eP	P	04 58 28.4 -0.2
S14A	baz=30,SNR=39	29.64 325	↑P	P	05 01 31.5 -0.3
S14A	Cedar City	29.64 325	↑P	P	04 58 28.4 -0.2
MSU	baz=30,SNR=15	29.65 327	eP	P	05 01 31.5
MSU	Marysval	29.65 327	eP	P	04 58 28.4 -0.2
MSU	Marysval	29.65 327	eP	P	05 01 31.5
MSU	Marysval	29.65 327	eP	P	05 01 31.5
MSU	Marysval	29.65 327	eP	P	05 01 31.5
P17A	comp=Z,20nm,1.2s,mb4.7	29.67 330	↑P	P	04 58 29.6 +0.9
P17A	Butcher Ranch,	29.67 330	↑P	P	04 58 29.6 +0.9
P17A	Butcher Ranch,	29.67 330	↑P	P	05 01 30.4 -1.4
N20A	baz=30	29.67 335	↑P	P	04 58 29.3 +0.6
N20A	Spence Gulch,	29.67 335	↑P	P	04 58 29.3 +0.6
N20A	Spence Gulch,	29.67 335	↑P	P	05 01 30.7 -1.1
V11A	baz=30	29.68 320	↑P	P	04 58 29.4 +0.6
V11A	Goodsprings	29.68 320	↑P	P	04 58 29.4 +0.6
V11A	baz=30,SNR=14		↑P	P	05 01 29.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes entries like L15A, HVU Hansel Valley, AHID Auburn Hatcher, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes entries like D23A Lindsay, QLMT Earthquake Lak, J13A Cove Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes entries like ULM Lac du Bonnet, E16A East Helena, A23A Redstone, etc.

JTMT	ePcP	PcP	05 01 53.7 -1.1	
JTMT	e		05 02 10.5	
JTMT	eScP	ScP	05 05 37.2 -0.1	
C13A	Hot Springs	37.87 335	04 59 39.4 -0.3	
	baz=38			
C13A	↑PcP	PcP	05 01 53.9 -1.1	
KHMM	Horse Mountain	37.91 320	04 59 39.8 -0.3	
	comp=Z,26nm,0.8s,mb5.0			
KHMM	ePcP	PcP	05 01 54.4 -0.8	
KHMM	e		05 02 11.7	
B14A	Marquette Ranc	37.91 337	05 01 54.0 -1.0	
	baz=38			
G08A	Pilot Rock	38.05 329	04 59 40.6 -0.6	
	baz=38,SNR=6.2			
G08A	↑PcP	PcP	05 01 54.9 -0.7	
BLMT	Blacktail Moun	38.05 336	04 59 40.3 -0.9	
	comp=Z,23nm,1.3s,mb4.7			
BLMT	ePcP	PcP	05 01 54.4 -1.1	
BSMT	Bassoo Peak	39.09 335	04 59 40.7 -0.9	
	comp=Z,16nm,1.4s,mb4.6			
BSMT	ePcP	PcP	05 01 54.3 -1.4	
LNOR	Lincoln Mounta	38.13 330	04 59 40.7 -1.3	
	comp=Z,9.3nm,0.7s,mb4.6			
LNOR	eP		04 59 40.7 -1.3	
LNOR	↑Pmax	Pmax	04 59 40.7 -1.3	
A15A	Johns Ranch,	38.23 338	04 59 42.2 -0.5	
	comp=Z,9.0nm,0.7s,mb4.6			
A15A	↑PcP	PcP	05 01 54.7 -1.3	
C12B	Naegell Ranch,	38.26 335	04 59 42.8 -0.3	
	baz=38,SNR=11			
C12B	↑PcP	PcP	05 01 54.9 -1.3	
VIPM	Ingram Point	38.36 327	04 59 43.3 -0.6	
	baz=38			
VIPM	↑PcP	PcP	04 59 43.3 -0.6	
B13A	Whitefish	38.39 336	04 59 44.0 0.0	
	baz=39,SNR=13			
B13A	↑PcP	PcP	05 01 54.3 -2.2	
KRMB	Red Mountain	38.39 321	04 59 43.6 -0.6	
	comp=Z,39nm,1.3s,mb5.0			
KRMB	ePcP	PcP	04 59 59.6 +0.3	
KRMB	eP		05 01 56.0 -0.7	
HUMO	Hull Mountain	38.46 323	04 59 42.7 -2.0	
	comp=Z,9.5nm,1.2s,mb4.4			
HUMO	ePcP	PcP	05 01 55.4 -1.5	
A14A	Double T Ranch	38.48 337	04 59 44.8 0.0	
	baz=39,SNR=13			
A14A	↑PcP	PcP	05 01 55.4 -1.4	
E09A	Wood Farm, Sta	38.54 331	04 59 44.7 -0.6	
	baz=39,SNR=18			
C11A	Tepee Creek (N	38.69 334	04 59 46.3 -0.4	
	baz=39,SNR=52			
WALA	Waterton Lakes	38.73 337	04 59 46.2 -0.7	
	comp=Z,0.2nm,0.9s			
WALA	ePcP	PcP	05 01 56.4 -1.2	
LPAZ	La Paz	38.81 141	04 59 46.6 -1.4	
	comp=Z,5.5nm,0.6s,mb4.4,baz=325,slow=6.8,SNR=36			
LPAZ	eP		05 01 56.6 -1.7	
LPAZ	La Paz	38.81 141	04 59 46.4 -1.6	
	comp=Z,11nm,1.0s,mb4.6			
LPAZ	eP		05 01 56.7 -1.7	
LPAZ	La Paz	38.81 141	04 59 46.4 -1.6	
	comp=Z,11nm,1.0s			
LPAZ	↑Pmax	Pmax	04 59 47.7 0.0	
A13A	Flathead Natio	38.82 337	04 59 47.7 0.0	
	baz=39			
G06A	Carlson Farm,	38.86 328	04 59 47.8 -0.3	
	baz=39			
B12A	Libby	38.91 335	04 59 48.8 +0.3	
	baz=39,SNR=9.5			
B12A	↑PcP	PcP	05 01 56.9 -1.2	
E08A	Dider Farm, El	38.95 330	05 01 57.0 -1.4	
	baz=38			
FRIS	Frissel Point	38.97 325	04 59 49.4 +0.3	
	baz=38			
KBO	Bosley Butte	38.98 321	04 59 49.1 0.0	
	comp=Z,149nm,1.3s,mb5.6			
HAWA	Hanford	39.11 330	04 59 49.1 -1.1	
	comp=Z,12nm,0.9s,mb4.6			
HAWA	ePcP	PcP	05 01 56.8 -2.1	
BROR	Big Rock Looko	39.20 325	04 59 50.0 -1.0	
	comp=Z,92nm,1.3s,mb5.4			
D08A	Wollman Farm,	39.30 331	04 59 50.8 -0.9	
	baz=40,SNR=7.6			
A12A	Yaak River Ran	39.30 336	04 59 52.0 +0.2	
	baz=40,SNR=5.2			
H04A	Detroit Lake	39.32 326	04 59 51.8 -0.2	
	baz=40,SNR=48			
NEW	Newport	39.39 334	04 59 51.5 -0.9	
	baz=40,SNR=15			
NEW	Newport	39.39 334	04 59 51.2 -1.2	
	comp=Z,7.6nm,0.7s,mb4.5			
NEW	ePcP	PcP	05 01 57.5 -2.2	
NEW	Newport	39.39 334	04 59 51.2 -1.3	
	comp=Z,7.6nm,0.7s,mb4.5			
NEW	e		05 01 57.5	
NEW	↑Pmax	Pmax	04 59 52.2 -0.7	
OD2	Odessa	39.44 332	04 59 52.2 -0.7	
	comp=Z,107nm,1.3s,mb5.4			
HOOD	Mount Hood Mea	39.45 327	04 59 53.6 +0.6	
	comp=Z,135nm,1.0s,mb5.6			
C09A	Chrisman Ranch	39.55 332	04 59 53.7 -0.1	
	baz=40,SNR=29			
RNO	Roman Nose	39.71 324	04 59 55.1 -0.1	
	baz=40,SNR=13			
G04A	Mulino	39.82 326	04 59 55.9 -0.1	
	baz=40,SNR=13			
COR	Corvallis	39.88 325	04 59 55.7 -0.8	
	comp=Z,98nm,1.2s,mb4.5			
COR	Corvallis	39.88 325	04 59 55.7 -0.8	
	comp=Z,98nm,1.2s,mb4.5			
COR	↑Pmax	Pmax	04 59 57.2 -0.1	
MPOR	Mary's Peak	39.96 325	04 59 57.2 +0.3	
	baz=41,SNR=9.2			
EBG	Ellensburg	40.78 351	05 00 00.3 +0.1	
WPW	White Pass	40.83 329	05 00 00.0 -0.5	
ETW	Entiat	40.36 331	05 00 00.0 -0.5	
	comp=Z,41nm,0.9s,mb5.2			
ETW	ePcP	PcP	05 02 01.5 -1.3	
B08A	Colville Reser	40.44 332	05 00 00.6 -0.6	
	baz=41,SNR=8.9			
LN	Longmire	40.49 328	05 00 00.8 -0.9	
	comp=Z,31nm,0.9s,mb5.0			
LN	ePcP	PcP	05 02 01.6 -1.6	
LN	Longmire	40.49 328	05 00 00.8 -0.8	
	comp=Z,31nm,0.9s,mb5.0			
LN	e		05 02 01.6	
LN	↑Pmax	Pmax	05 00 02.5 -1.4	
FFC	Flin Flon	40.78 351	05 00 02.5 -1.4	
	comp=Z,31nm,0.9s,mb5.0			
FFC	Flin Flon	40.78 351	05 00 02.5 -1.4	
	comp=Z,31nm,0.9s,mb5.0			
F03A	Seaside	40.87 326	05 00 05.1 +0.4	
	baz=41,SNR=9.2			
D05A	Enunclaw	40.88 329	05 00 04.6 -0.2	
	baz=41,SNR=15			
E03A	Lebam	41.26 327	05 00 07.9 -0.1	
	baz=42,SNR=8.2			
RPW	Rockport	41.52 331	05 00 08.8 -1.2	
	comp=Z,60nm,1.6s,mb4.6			
JCW	Jim Creek	41.54 330	05 00 08.9 -1.3	
	baz=42,SNR=9.6			
B06A	Marblemount	41.55 331	05 00 09.7 -0.6	
	comp=Z,78nm,1.3s,mb5.2			
GNW	Green Mountain	41.55 329	05 00 08.7 -1.6	
	comp=Z,21nm,1.2s,mb4.6			
GNW	ePcP	PcP	05 02 05.3 -1.4	
GNW	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	Schefferville	44.77 21	05 00 32.7 -3.4	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	ePcP	PcP	05 02 05.3 -1.4	
SCHQ	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	Schefferville	44.77 21	05 00 32.7 -3.4	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	ePcP	PcP	05 02 05.3 -1.4	
SCHQ	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	Schefferville	44.77 21	05 00 32.7 -3.4	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	ePcP	PcP	05 02 05.3 -1.4	
SCHQ	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	Schefferville	44.77 21	05 00 32.7 -3.4	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	ePcP	PcP	05 02 05.3 -1.4	
SCHQ	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	Schefferville	44.77 21	05 00 32.7 -3.4	
	comp=Z,27nm,1.0s,mb5.0,baz=203,slow=5.2,SNR=11			
SCHQ	ePcP	PcP	05 02 05.3 -1.4	
SCHQ	e		05 02 21.6	
HDW	Hoodsport	41.73 329	05 00 10.7 -1.0	
	baz=42,SNR=11			
BLN	Blyn Mountain	41.92 329	05 00 12.9 -0.5	
	comp=Z,60nm,1.6s,mb4.6			
MBW	Mount Baker	41.94 331	05 00 12.4 -1.0	
	comp=Z,78nm,1.3s,mb5.2			
NLWA	Neilton Lookou	41.97 327	05 00 13.4 -0.4	
	comp=Z,78nm,1.3s,mb5.2			
A05A	Maple Falls	42.17 331	05 00 14.7 -0.7	
	baz=42,SNR=17			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	
	baz=41,SNR=8.9			
MCW	Mount Constitu	42.31 330	05 00 15.9 -0.6	

Table of astronomical observations for 20 days in September 2008, 5 hours per day. Columns include station name, coordinates, time, and various observation parameters.

Table of astronomical observations for 20 days in September 2008, 5 hours per day. Columns include station name, coordinates, time, and various observation parameters.

Table of astronomical observations for 20 days in September 2008, 5 hours per day. Columns include station name, coordinates, time, and various observation parameters.

WHY	Whitehorse	4.00 224	Pn	Pn	05 17 11.0	-1.8
WHY			Pg	Pg	05 17 23.2	-5.0
WHY			SG	SG	05 18 11.7	-8.2
DAWY	Dawson	4.53 280	ePn	Pn	05 17 19.0	-1.1
DAWY			Pg	Pg	05 17 34.4	-4.0
DAWY			SG	SG	05 18 38.9	-1.4
DAWY	Dawson	4.53 280	ePn	Pn	05 17 19.3	-0.8
DAWY			Pg	Pg	05 17 34.0	-4.3
DAWY			SG	SG	05 17 22.8	-1.0
HYT	Haines Junctio	4.80 238	ePn	Pn	05 18 38.9	-6.5
HYT			Pg	Pg	05 17 22.8	-1.0
HYT			SG	SG	05 18 38.9	-6.5
HYT	Haines Junctio	4.80 238	ePn	Pn	05 17 22.8	-1.0
HYT			Pg	Pg	05 17 22.8	-1.0
HYT			SG	SG	05 17 22.5	-1.2
INK	Inuvik	5.02 341	ePn	Pn	05 17 42.1	-5.4
INK			Pg	Pg	108nm,0.3s,baz=166,slow=10,SNR=306	
INK			SG	SG	62nm,0.3s,baz=212,slow=22,SNR=4.1	
INK			Sn	Sn	05 18 18.5	-6.1
INK			Lg	Lg	65nm,0.3s,baz=95,slow=21,SNR=7.5	
INK			LR	LR	05 19 44.5	
INK	comp=Z,6um,19.0s,baz=157,slow=42					
INK	Inuvik	5.02 341	ePn	Pn	05 17 25.6	-1.1
INK			Pg	Pg	05 17 46.4	-1.2
INK			SG	SG	05 18 49.3	-3.2
INK			P	P	05 17 25.5	-1.2
INK					05 18 18.5	
INK			Pmax	Pmax		
INK	comp=Z,78nm,0.3s					
INK			Pmax	Pmax		
INK	comp=Z,1,108nm,0.3s					
INK			Smax	Smax		
INK	comp=N,62nm,0.3s					
INK			MLR	MLR		
INK	comp=Z,6um,19.0s	5.02 341	IPn	Pn	05 17 25.9	-0.8
SKAG	Skagway	5.11 218	ePn	Pn	05 17 26.0	-2.0
SKAG			Pg	Pg	05 17 42.2	-7.2
SKAG			SG	SG	05 18 48.4	-7.1
DLBC	Dease Lake	5.23 185	Pn	Pn	05 17 26.9	-2.8
DLBC			Pg	Pg	05 17 42.6	-9.0
DLBC			SG	SG	05 18 26.5	-3.4
DLBC	comp=Z,91nm,0.3s,baz=33,slow=3.8,SNR=13					
DLBC	comp=Z,217nm,0.3s,baz=198,slow=22,SNR=7.2					
DLBC			Lg	Lg	05 18 48.1	
DLBC	comp=Z,157nm,0.3s,baz=241,slow=22,SNR=7.0					
DLBC			LR	LR	05 19 47.3	
DLBC	comp=Z,9um,19.1s,baz=360,slow=42					
DLBC	Dease Lake	5.23 185	ePn	Pn	05 17 26.8	-2.9
DLBC			SG	SG	05 18 53.9	-5.4
DLBC			Pg	Pg	05 17 27.2	-2.5
DLBC	Dease Lake	5.23 185	IPn	Pn	05 17 27.1	-3.2
GALN	Garnet Lake	5.28 79	IPn	Pn	05 17 27.1	-3.2
GALN			Pn	Pn	05 17 27.1	-3.2
GALN	Garnet Lake	5.28 79	IPn	Pn	05 17 27.1	-3.2
EGAK	Eagle	5.35 288	ePn	Pn	05 17 30.2	-1.1
EGAK			Pg	Pg	05 17 48.5	-5.5
EGAK			SG	SG	05 19 02.8	-0.3
PLBC	Pleasant Camp	5.41 223	Pn	Pn	05 17 31.3	-0.8
PLBC			Pg	Pg	05 17 48.1	-7.0
PLBC			IPn	IPn	05 17 31.4	-0.8
PLBC	Pleasant Camp	5.41 223	IPn	Pn	05 17 48.1	-7.0
PLBC			Pg	Pg	05 17 31.5	-3.5
FNBB	Fort Nelson	5.62 145	IPn	Pn	05 17 31.5	-3.5
FNBB			IPn	IPn	05 17 31.5	-3.5
CTLN	Castor Lake	5.85 76	IPn	Pn	05 17 35.0	-3.2
CTLN			IPn	IPn	05 17 35.0	-3.2
PNL	Peninsula	6.27 235	ePn	Pn	05 17 44.3	+0.3
PNL			Pg	Pg	05 19 24.0	-8.8
MENT	Mentasta	6.58 270	ePn	Pn	05 17 46.9	-1.3
MENT			SG	SG	05 19 41.8	-1.0
MENT			ePn	ePn	05 17 47.5	-1.2
DOT	Dot Lake	6.62 277	ePn	Pn	05 17 47.5	-1.2
DOT			Pg	Pg	05 18 12.6	-5.6
YKWK	Yellowknife Ar	6.71 93	IPn	Pn	05 17 46.4	-3.6
YKWK			Sn	Sn	05 18 57.9	-8.4
YKWK			IPn	IPn	05 17 46.4	-3.6
YKWK	Yellowknife Ar	6.71 93	IPn	Pn	05 18 57.9	-8.4
YKA	Yellowknife Ar	6.73 93	IPn	Pn	05 17 46.2	-4.0
YKA			Pg	Pg	05 18 09.4	-1.1
YKA	comp=Z,32nm,0.3s,baz=281,slow=17,SNR=23					
YKA			Sn	Sn	05 18 56.7	-10
YKA	comp=Z,44nm,0.3s,baz=283,slow=23,SNR=7.7					
YKA			Lg	Lg	05 19 34.0	
YKA	comp=Z,46nm,0.3s,baz=279,slow=27,SNR=5.9					
YKA	Yellowknife Ar	6.73 93	IPn	Pn	05 17 46.2	-4.0
YKA			Pg	Pg	05 18 11.1	-1.1
YKA			Sn	Sn	05 18 56.7	-10
YKA			Sn	Sn	05 18 56.7	-10
YKA			Sn	Sn	05 19 34.0	
YKA			Lg	Lg	05 19 34.0	
YKA			Sn	Sn	05 19 34.0	
YKA			Sn	Sn	05 19 34.0	
YKA	Yellowknife Ar	6.73 93	IPn	Pn	05 17 46.2	-4.1
SIT	Sitka	7.26 207	ePn	Pn	05 17 55.5	-2.1
SIT			Pg	Pg	05 20 03.3	-1.1
SIT			Pmax	Pmax	05 17 55.5	-2.1
SIT			Pmax	Pmax		
PAX	comp=Z,484nm,0.8s					
PAX	Paxson	7.36 272	ePn	Pn	05 17 59.5	+0.6
PAX			SG	SG	05 20 04.0	-3.5
PAX			ePn	ePn	05 17 59.5	+0.6
PAX			Pmax	Pmax		
WRAK	Wrangell Island	7.41 194	ePn	Pn	05 17 57.1	-2.4
WRAK			SG	SG	05 20 04.9	-4.1
ILAR	Eielson Array	7.80 286	IPn	Pn	05 18 03.4	-1.5
ILAR			Pn	Pn	05 20 15.8	
ILAR			Lg	Lg	05 20 15.8	
ILAR	comp=Z,35nm,0.3s,baz=88,slow=25,SNR=6.1					
ILAR	Eielson Array	7.80 286	IPn	Pn	05 18 03.4	-1.5
JERN	Jeri Cho Mine,	7.92 65	IPn	Pn	05 18 02.5	-4.2
JERN			Sn	Sn	05 19 27.2	-8.9
COLA	College	8.21 287	ePn	Pn	05 18 10.3	-0.2
COLA			SG	SG	05 20 34.1	+5.1
COLA			ePn	ePn	05 18 10.3	-0.3
COLA			Pmax	Pmax		
CRAG	Craig	8.43 195	ePn	Pn	05 18 11.2	-2.3
CRAG			SG	SG	05 20 30.5	+4.2
CRAG	comp=Z,372nm,1.0s					
MCK	McKinley	8.76 280	ePn	Pn	05 18 17.7	-0.4
MCK			Pmax	Pmax		
SML	Sawmill	8.97 267	ePn	Pn	05 18 22.2	+1.3
SML			Pn	Pn	05 18 22.2	+1.3
SML			Pmax	Pmax		
SML	comp=Z,2.0nm,0.4s					
PMR	Palmer	9.40 266	ePn	Pn	05 18 28.3	+1.4
PMR			Pn	Pn	05 18 28.3	+1.4
PMR			Pmax	Pmax		
PMR	comp=Z,240nm,1.3s					
TRF	Thorofore Moun	9.40 278	ePn	Pn	05 18 26.8	-0.1
TRF			Pn	Pn	05 18 27.3	-0.1
COLD	Coldfoot	9.42 302	ePn	Pn	05 18 27.3	-0.1
FSB	Fort Saint Jam	9.52 163	IPn	Pn	05 18 26.1	-2.4
FSB			IPn	IPn	05 18 26.1	-2.4
BPAW	Bear Paw Mtn.	9.51 283	IPn	Pn	05 18 28.6	-1.2
RC01	Rabbit Creek A	9.86 264	ePn	Pn	05 18 35.5	+2.3
NDB	Naden	9.90 193	IPn	Pn	05 18 32.3	-1.4
NDB			IPn	IPn	05 18 32.3	-1.4
SEW	Seward	10.18 259	ePn	Pn	05 18 36.8	-0.7
SEW			Pn	Pn	05 18 40.9	+1.3
SKLM	Skilak Lake	10.33 262	ePn	Pn	05 18 40.9	+1.3
SKLM			Pn	Pn	05 18 40.9	+1.3
PLLA	Purkeypile	10.37 276	ePn	Pn	05 18 41.2	+1.1
RSO	Redoubt South	11.47 265	ePn	Pn	05 18 56.1	+0.9
BBB	Bella Bella	11.49 177	Pn	Pn	05 18 55.0	-0.5
BBB			Lg	Lg	05 21 59.2	
BBB	comp=Z,3.2nm,0.3s,baz=142,slow=15,SNR=13					
BBB			LR	LR	05 23 13.7	
BBB	comp=Z,4um,22.0s,baz=177,slow=37					

BBB	Bella Bella	11.49 177	Pn	Pn	05 18 55.0	-0.5
BBB			Lg	Lg	05 21 59.2	
BBB			LR	LR	05 23 13.7	
TTA	Tatalina	12.05 279	ePn	Pn	05 19 02.8	-0.3
TTA			Pn	Pn	05 19 02.8	-0.3
TTA			Pmax	Pmax		
KDAK	Kodiak Island	12.81 254	ePn	Pn	05 19 13.3	-0.2
KDAK			LR	LR	05 24 07.0	
KDAK	comp=Z,0.9nm,0.3s,baz=65,slow=7.1,SNR=5.6					
KDAK	Kodiak Island	12.81 254	ePn	Pn	05 19 12.7	-0.8
KDAK			Pmax	Pmax		
KDAK	Kodiak Island	12.81 254	ePn	Pn	05 19 12.7	-0.8
KDAK			Pmax	Pmax		
OHAK	Old Harbor	13.45 253	ePn	Pn	05 19 24.6	+2.3
OHAK			Pn	Pn	05 19 43.6	-1.7
VDB	Vedder Mountai	15.14 162	P	P	05 19 44.5	-1.2
A05A	Maple Falls	15.18 162	P	P	05 19 44.5	-1.2
PGC	Sidney	15.35 165	ePn	Pn	05 19 45.8	-2.1
B06A	Marblemount	15.73 161	IPn	Pn	05 19 52.0	-0.9
RPW	Rockport	15.79 161	ePn	Pn	05 19 51.9	-1.8
JCW	Jim Creek	15.98 162	P	P	05 19 54.9	-1.3
RES	Resolute Bay	16.13 33	P	P	05 19 52.7	-5.3
RES			Sn	Sn	05 22 41.4	-15
RES	comp=Z,4.5nm,0.3s,baz=298,slow=13,SNR=23					
RES			LR	LR	05 27 02.2	
RES	comp=Z,2.1nm,0.3s,baz=173,slow=17,SNR=2.3					
RES			LR	LR	05 19 52.6	-5.4
RES	comp=Z,7um,20.3s,baz=242,slow=40					
RES	comp=Z,227nm,0.7s					
RES	Resolute Bay	16.13 33	P	P	05 19 52.7	-5.3
RES			Pmax	Pmax		
RES	comp=Z,16nm,0.3s					
RES			MLR	MLR		
CHGN	Chignik	16.24 257	ePn	Pn	05 19 57.8	-1.6
B08A	Colville Reser	16.24 156	IPn	Pn	05 19 57.2	-2.3
NLW	Nelson Butte	16.34 158	P	P	05 19 59.4	-1.3
FFC	Flin Flon	16.43 110	Pn	Pn	05 19 52.6	-9.3
A12A	Yaak River Ran	16.48 147	IPn	Pn	05 19 58.8	-3.8
GNW	Green Mountain	16.49 165	ePn	Pn	05 20 01.2	-1.5
NLWA	Neilton Lookou	16.55 167	ePn	Pn	05 20 01.9	-1.5
TLNA	Tin City	16.55 294	ePn	Pn	05 20 05.1	+1.8
TLNA			Pn	Pn	05 20 03.5	-2.1
RMW	Rattlesnake Mo	16.72 162	P	P	05 20 03.6	-2.0
RMW			Pn	Pn	05 20 04.4	-0.8
RTV	Watville	16.77 158	P	P	05 20 02.8	-3.5
NEW	Newport	16.77 151	ePn	Pn	05 20 03.3	-3.0
NEW			Pmax	Pmax		
A13A	Flathead Natio	16.79 144	IPn	Pn	05 20 01.5	-5.1
ETW	Entiat	16.80 159	P	P	05 20 05.7	-0.9
WALA	Waterton Lakes	16.81 143	ePn	Pn	05 20 00.6	-6.2
B12A	Libby	16.93 147	IPn	Pn	05 20 05.4	-2.8
D05A	Enumclaw	16.96 163	IPn	Pn	05 20 07.3	-1.4
C09A	Chrisman Ranch	16.98 154	IPn	Pn	05 20 09.8	+0.9
A14A	Doyle T Ranch	17.02 142	P	P	05 20 03.6	-5.8
TBM	Table Mountain	17.12 160	P	P	05 20 09.9	-1.5
A15A	Johnson Ranch	17.21 141	P	P	05 20 06.5	-5.2
OD2	Odesa Site #2	17.29 155	P	P		





						ANMO		pmx																					
R24A	baz=29, SNR=17	29.26	139	↑	P	05	22	14.0	+0.5	Z14A	comp=Z,2.0nm,0.8s	31.95	154	↑	P	05	22	38.8	+1.6	GDL2	comp=Z,42nm,1.2s,mb5.2	35.11	142	eP	P	05	23	05.5	+0.8
V12A	Sanders Place, baz=29	29.32	156	↑	P	05	22	13.8	+0.1	Z14A	Wintersburg, baz=32	31.96	160	eP	P	05	22	38.5	+1.2	CLNB	Carlsbad, comp=Z,32nm,1.4s,mb5.1	35.18	141	eP	P	05	23	06.2	+0.8
U17A	Shonto, baz=29, SNR=23	29.22	141	↑	P	05	22	14.1	+0.1	BAR	comp=Z,17nm,1.0s,mb4.8	31.97	155	↑	P	05	22	39.1	+1.7	MNXT	Corunus Mount, baz=35, SNR=22	35.31	143	↑	P	05	23	06.4	0.0
V13A	Grand Canyon W, baz=29, SNR=45	29.33	154	↑	P	05	22	14.2	+0.1	Z13A	Yuma Proving G, baz=32, SNR=8.5	31.99	141	↑	P	05	22	38.1	+0.5	MNXT	Corunus Mount, baz=35, SNR=23	35.31	143	eP	P	05	23	06.9	+0.4
GSC	Goldstone, baz=29	29.37	159	↑	P	05	22	16.4	+2.0	W24A	Lazy G Ranch, baz=32, SNR=25	32.07	150	↑	P	05	22	38.5	+0.3	226A	Malaga, Lovings, baz=35, SNR=23	35.31	141	↑	P	05	23	07.3	+0.8
GSC	Goldstone, comp=Z,9.5nm,0.9s,mb4.5	29.37	159	eP	P	05	22	16.3	+1.9	Y17A	Roosevelt, baz=32, SNR=26	32.08	145	↑	P	05	22	37.8	-0.5	MSNY	Massena, comp=Z,299nm,1.0s,mb5.2	35.39	95	eP	P	05	23	06.8	-0.3
GSC	Goldstone, comp=Z,10.0nm,0.9s,mb4.5	29.37	159	eP	P	05	22	16.3	+1.9	X21A	Alamocita Cree, baz=32, SNR=26	32.08	145	↑	P	05	22	37.8	-0.5	ERPA	Erie, comp=Z,28nm,0.9s,mb5.2	35.42	104	eP	P	05	23	07.4	+0.1
TUQ	Turquoise Moun, baz=29, SNR=12	29.38	158	↑	P	05	22	16.6	+2.1	Y18A	Canyon Day Jun, baz=32, SNR=26	32.17	149	↑	P	05	22	40.2	+1.1	324A	Moseley Ranch, baz=35, SNR=12	35.42	144	↑	P	05	23	08.9	+0.6
S23A	Nye Farm, Mont, baz=29, SNR=6.8	29.49	141	↑	P	05	22	17.0	+1.6	Z15A	Gila River Ind, baz=32, SNR=28	32.18	148	↑	P	05	22	40.8	+1.6	USIN	Union, comp=Z,116nm,1.5s,mb5.6	35.68	116	eP	P	05	23	08.8	-0.8
T19A	Beclabito, baz=29	29.50	146	↑	P	05	22	15.9	+0.3	W25A	X Bar L Ranch, baz=32, SNR=28	32.25	140	↑	P	05	22	40.9	+1.1	ACSO	Alum Creek Sta, comp=Z,95nm,1.0s,mb5.7	35.69	109	eP	P	05	23	09.8	+0.2
R25A	Fountain Ranch, baz=29, SNR=12	29.58	138	↑	P	05	22	16.7	+0.4	Z16A	Perrita Trail, baz=32, SNR=10.0	32.28	151	↑	P	05	22	41.0	+0.8	325A	Bean Ranch, SI, baz=32, SNR=8.2	35.73	143	↑	P	05	23	10.9	+0.8
SDCO	Great Sand Dun, baz=30, SNR=9.3	29.59	140	↑	P	05	22	17.2	+0.8	LAZ	Ladron, comp=Z,21nm,1.5s,mb4.8	32.28	144	eP	P	05	22	40.7	+0.6	ALLY	Allegheuy Cole, comp=Z,196nm,1.3s,mb5.9	35.74	104	eP	P	05	23	10.4	+0.3
SDCO	Great Sand Dun, comp=Z,10nm,1.1s,mb4.5	29.59	140	eP	P	05	22	16.9	+0.4	Y20A	Horse Springs, baz=32, SNR=25	32.44	147	↑	P	05	22	42.8	+1.3	LONY	Lake Ozonia, comp=Z,39nm,1.4s,mb5.6	35.81	96	eP	P	05	23	10.1	-0.6
U16A	Tuba City, baz=30, SNR=13	29.65	150	↑	P	05	22	17.4	+0.4	YPM	Nos Pinos Moun, comp=Z,17nm,1.3s,mb4.8	32.50	144	eP	P	05	22	43.7	+1.7	WCI	Wyandotte Cave, comp=Z,18nm,1.1s,mb4.9	36.00	114	eP	P	05	23	11.3	-1.1
U18A	Rough Rock, Ch, baz=30, SNR=7	29.68	147	↑	P	05	22	17.6	+0.4	Y21A	Point of Rocks, baz=32, SNR=25	32.52	145	↑	P	05	22	43.3	+1.1	WCI	Wyandotte Cave, comp=Z,18nm,1.1s,mb4.9	36.00	114	eP	P	05	23	11.3	-1.1
V14A	Boquillas Ranch, baz=30, SNR=30	29.72	153	↑	P	05	22	18.7	+1.2	Z17A	San Carlos Hig, baz=32, SNR=23	32.53	150	↑	P	05	22	43.6	+1.2	FRNY	Flat Rock, comp=Z,36nm,1.3s,mb5.1	36.08	94	eP	P	05	23	10.9	-2.1
T21A	Navajo Lake, baz=30, SNR=15	29.73	143	↑	P	05	22	19.5	+1.8	LENM	Lemitar, comp=Z,23nm,1.3s,mb4.9	32.55	144	eP	P	05	22	44.2	+1.7	425A	Indio Mountain, baz=36, SNR=15	36.28	143	↑	P	05	23	15.7	+0.9
V15A	Kaibab Nationa, baz=30, SNR=16	29.73	151	↑	P	05	22	17.5	-0.2	114A	Black Gap (USA, baz=32, SNR=9.1	32.55	154	↑	P	05	22	44.4	+1.8	328A	Wristen Ranch, baz=36, SNR=15	36.32	140	↑	P	05	23	14.3	-0.8
S24A	Houchin Ranch, baz=30	29.77	139	↑	P	05	22	19.1	+1.1	W26A	Owens Ranch, T, baz=32, SNR=13	32.57	139	↑	P	05	22	43.3	+0.6	MIAR	Mount Ida, comp=Z,80nm,1.1s,mb5.6	36.42	126	eP	P	05	23	14.7	-1.3
LDFC	Landfair, comp=Z,36nm,0.9s,mb5.1	29.87	156	eP	P	05	22	20.1	+1.2	BNM	Bonnet Mesa, baz=33, SNR=18	32.66	144	eP	P	05	22	44.9	+1.5	MIAR	Mount Ida, comp=Z,80nm,1.1s,mb5.6	36.42	126	eP	P	05	23	14.7	-1.3
T22A	Edith, baz=30, SNR=19	29.88	142	↑	P	05	22	20.1	+1.1	115A	Sonoran Desert, baz=33	32.73	153	↑	P	05	22	45.9	+1.8	GNAR	Gosnell, comp=Z,80nm,1.1s,mb5.6	36.49	120	eP	P	05	23	16.0	-0.6
U19A	Dine College, baz=30, SNR=1	29.97	146	↑	P	05	22	20.7	+1.0	Y22A	Socorro, baz=33, SNR=30	32.77	144	↑	P	05	22	45.7	+1.3	426A	McDonald Obser, baz=36, SNR=9.7	36.65	142	↑	P	05	23	17.4	-0.5
S25A	Robets Cordova, baz=30, SNR=12	29.98	138	↑	P	05	22	20.8	+1.0	W27A	Wagon Ranch, En, baz=33, SNR=13	32.80	138	↑	P	05	22	45.3	+0.6	MDV	Middlebury, comp=Z,84nm,1.0s	36.92	95	eP	P	05	23	19.7	-0.5
U20A	Newcomb, baz=30	30.06	145	↑	P	05	22	21.7	+1.1	HDIL	Hopedale, comp=Z,69nm,1.1s,mb5.5	32.81	116	eP	P	05	22	44.0	-0.7	428A	Kincaid Ranch, baz=37, SNR=19	36.97	140	↑	P	05	23	20.5	-0.2
GMRC	Granite Moun, baz=30, SNR=16	30.07	157	↑	P	05	22	22.4	+1.8	X26A	CR and CF Fran, baz=33, SNR=29	33.02	140	↑	P	05	22	47.8	+0.9	BINY	Binghamton, comp=Z,47nm,1.5s,mb5.1	37.11	99	eP	P	05	23	21.5	-0.3
W13A	Hualapai Moun, baz=30	30.08	154	↑	P	05	22	21.3	+0.5	Z20A	Nine Sixteen R, baz=33, SNR=18	33.15	147	P	05	22	49.6	+1.9	ACCN	Adirondack Com, comp=Z,108nm,1.3s,mb5.5	37.19	96	eP	P	05	23	22.1	-0.4	
T23A	Casias Ranch, baz=30, SNR=9.0	30.10	141	↑	P	05	22	22.4	+1.5	117A	Oracle, baz=33, SNR=29	33.17	151	↑	P	05	22	48.4	+0.5	WWT	Waverly, comp=Z,19nm,0.8s,mb5.0	37.20	118	eP	P	05	23	21.3	-1.3
W14A	Seligman, baz=30, SNR=25	30.13	153	↑	P	05	22	22.1	+0.9	X27A	F and S Farms, baz=33, SNR=9.3	33.18	138	↑	P	05	22	48.3	+0.3	WWT	Waverly, comp=Z,19nm,0.8s,mb5.0	37.20	118	eP	P	05	23	21.3	-1.3
V17A	Tonalea, Klot, baz=30, SNR=46	30.23	149	↑	P	05	22	22.9	+0.8	Z21A	St. Cloud Mine, baz=33, SNR=26	33.19	146	↑	P	05	22	48.8	+0.7	526A	Mary Lane Ranc, baz=37, SNR=17	37.20	143	P	P	05	23	22.8	+0.1
U21A	Nageezi, baz=30, SNR=11	30.23	144	↑	P	05	22	22.8	+0.7	Y24A	Capitan, baz=33, SNR=14	33.21	305	↑	P	05	22	47.9	-0.1	527A	Woodward Ranch, baz=37, SNR=17	37.26	142	P	P	05	23	21.8	-1.3
W15A	Williams, baz=30, SNR=40	30.34	152	↑	P	05	22	23.4	+0.5	SEY	Seymon, baz=33, SNR=15	33.21	305	↑	P	05	22	47.9	-0.1	PET	Petrovavlovsk, comp=Z,34nm,1.3s,mb5.0	37.27	288	eP	S	05	23	28.8	+5.8
V18A	Ganado, baz=30, SNR=7.3	30.35	148	↑	P	05	22	23.9	+0.8	118A	Homack Ranch, baz=33, SNR=13	33.28	150	↑	P	05	22	50.6	+1.8	PET	Petrovavlovsk, comp=Z,34nm,1.3s,mb5.0	37.27	288	eP	S	05	23	28.8	+5.8
T24A	Torres, Weston, baz=30, SNR=8.2	30.35	140	↑	P	05	22	24.3	+1.2	119A	Ashpeak Ranch, baz=33, SNR=15	33.31	149	↑	P	05	22	51.2	+2.1	PET	Petrovavlovsk, comp=Z,34nm,1.3s,mb5.0	37.27	288	eP	S	05	23	28.8	+5.8
CBKS	Cedar Bluff, baz=30	30.43	131	↑	P	05	22	23.6	-0.2	214A	Organ Pipe Nat, baz=33, SNR=22	33.34	154	↑	P	05	22	51.6	+2.2	LBNH	Lisbon, comp=Z,900nm,19.0s,MS4.6	37.29	94	eP	P	05	23	23.5	+0.2
CBKS	Cedar Bluff, comp=Z,22nm,0.9s,mb4.9	30.43	131	eP	P	05	22	23.5	-0.3	AMTX	Amarillo, baz=33, SNR=16	33.39	136	↑	P	05	22	49.6	-0.2	LBNH	Lisbon, comp=Z,71nm,1.4s,mb5.3	37.29	94	eP	P	05	23	23.5	+0.2
CBKS	Cedar Bluff, comp=Z,22nm,0.9s,mb4.9	30.43	131	eP	P	05	22	23.5	-0.3	AMTX	Amarillo, comp=Z,47nm,0.8s,mb5.5	33.39	136	eP	P	05	22	49.9	+0.1	LBNH	Lisbon, comp=Z,71nm,1.4s,mb5.3	37.29	94	eP	P	05	23	23.5	+0.2
JFWS	Jewell Farm, comp=Z,2.2nm,0.7s,mb5.0	30.44	114	eP	P	05	22	23.1	-0.8	Y25A	Mesa, Roswell, baz=33, SNR=21	33.40	141	↑	P	05	22	50.4	+0.5	528A	Cox Ranch, San, comp=Z,277nm,1.5s,mb5.8	37.47	141	↑	P	05	23	25.3	+0.3
JFWS	Jewell Farm, comp=Z,2.2nm,0.7s,mb5.0	30.44	114	eP	P	05	22	23.1	-0.8	TUC	Tucson, comp=Z,37nm,1.1s,mb5.2	33.41	151	eP	P	05	22	50.5	+0.4	MCWV	Mont Chateau, comp=Z,277nm,1.5s,mb5.8	37.55	103	eP	P	05	23	24.5	-0.6
JFWS	Jewell Farm, comp=Z,2.2nm,0.7s,mb5.0	30.44	114	eP	P	05	22	23.1	-0.8	TUC	Tucson, comp=Z,37nm,1.1s,mb5.2	33.41	151	eP	P	05	22	50.5	+0.4	SSPA	Standing Stone, comp=Z,105nm,1.5s,mb5.3	37.55	103	eP	P	05	23	24.9	-0.6
T25A	Trinidad, baz=30	30.47	139	↑	P	05	22	23.5	-0.7	TUC	Tucson, comp=Z,37nm,1.1s,mb5.2	33.41	151	eP	P	05	22	50.5	+0.4	HNH	Honey, comp=Z,127nm,1.2s,mb5.5	37.55	94	eP	P	05	23	25.0	-0.5
U22A	Laves, baz=30, SNR=24	30.50	143	↑	P	05	22	25.7	+1.3	Z22A	comp=Z,37nm,1.1s,mb5.2	33.42	145	↑	P	05	22	50.8	+0.7	PETK	Petrovavlovsk, comp=Z,19nm,0.9s,mb4.8,slow=9.2,SNR=9.8	37.62	289	eP	LR	05	23	26.5	+0.5
W16A	Flagstaff, baz=30, SNR=26	30.57	151	↑	P	05	22	26.1	+1.0	DAG	Danmarks Havn, comp=Z,58nm,0.8s,mb5.6	33.42	23	iP	P	05	22	48.8	-1.0	PETK	Petrovavlovsk, comp=Z,19nm,0.9s,mb4.8,slow=9.2,SNR=9.8	37.62	289	eP	LR	05	23	26.5	+0.5
X13A	Yucca, baz=30, SNR=12	30.58	155	↑	P	05	22	25.4	+0.2	DAG	Danmarks Havn, comp=Z,58nm,0.8s,mb5.6	33.42	23	iP	P	05	22	48.8	-1.0	PETK	Petrovavlovsk, comp=Z,19nm,0.9s,mb4.8,slow=9.2,SNR=9.8	37.62	289	eP	LR	05	23	26.5	+0.5
U20A	Brimhall, baz=30, SNR=7.8	30.62	146	↑	P	05	22	26.8	+1.3	216A	Three Points, baz=34, SNR=18	33.57	152	↑	P	05	22	52.5	+1.1	626A	Big Bend Ranch, baz=38, SNR=22	37.67	143	↑	P	05	23	26.9	+0.3
V23A	El Rito, baz=31, SNR=62	30.72	142	↑	P	05	22	26.8	0.0	Z23A	Rita Site, Whi, baz																		





20d 5h

Table of astronomical data for 20 days and 5 hours, listing objects like SAOF Saorge, ESAC San Caprasio, LUCF Luceram, etc., with columns for object name, magnitude, position, and other parameters.

2008 SEP

Table of astronomical data for 2008 SEP, listing objects like ROSC comp=Z,177nm,20.3s,MS4.3,baz=1.2,slow=38, ROSE El Rosal, etc., with columns for object name, magnitude, position, and other parameters.

894

Table of astronomical data for 894, listing objects like GYA comp=Z,20nm,1.0s,mb5.0, GYA comp=Z,130nm,5.2s, GYA comp=N,780nm,19.9s,MS5.1, etc., with columns for object name, magnitude, position, and other parameters.

Table of astronomical data for 894, listing objects like ISCJB 20 05:31:04.0, IDC 20 05:31:07.9, PGC 20 05:31:10.5, etc., with columns for object name, magnitude, position, and other parameters.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like INK Inuvik, PLBC Pleasant Camp, etc.

Table with columns: RDF, Al-Radifah, KLFJ, KOLAHROOD, etc. Includes stations like Al-Radifah, KOLAHROOD, RAZEGHAN, etc.

Table with columns: KRBR, TABS, ISAD, IKOO, IKOO, IKOO, etc. Includes stations like TABS, Sadrabad, Kooshah, Na'in, etc.

ISCJB 2005:41:00.3:0.9, 7.0N:0.1:73.1W:0.1, h158km, 11km, Error ellipse: s-maj=24.5km s-min=10.7km az=43.1

WEL 2006:11:44.7:0.3, 37.91S:177.84E, h67km, 4km, ML3.5/4, Error ellipse: s-maj=2.0km s-min=1.7km az=90.0, Off east coast of North Island

ISCJB 2007:05:33.6:0.4, 37.09N:0.03:28.13E:0.03, h12km, 4km, Error ellipse: s-maj=4.5km s-min=3.6km az=173.5

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like CAPV Capacho, RNSC El Rosal, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like PUKETTI, MATAWAI, MATAKAOA POINT, etc.

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

PGC 2005:42:44.5:0.1, 63.56N:129.04W, h5km, ML3.5/7, 15D, 225km southwest of Norman Wells, Nt Northwest Territories, Canada, Northwest Territories

KISR 2006:15:41.5:0.9, 32.77N:47.43E, h45km, 99km, ML2.7, Error ellipse: s-maj=2.6km s-min=3.3km az=172.9

ISCJB 2007:05:34.1:0.4, 37.10N:0.03:28.13E:0.03, h13km, 4km, n32, c092/55, Turkey

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like WHY Whitehorse, DAWY Dawson, etc.

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

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

KISR 2005:53:00.8:1.1, 32.56N:47.81E, h34km, 99km, ML3.4, CSEM 2005:53:01.6:0.4, 32.42N:47.30E, h2km, ML3.4, Error ellipse: s-maj=19.2km s-min=7.1km az=107.0

ISCJB 2006:15:43.4:0.4, 32.62N:47.43E, h9km, Error ellipse: s-maj=6.8km s-min=3.2km az=174.1

ISCJB 2007:05:34.1:0.4, 37.10N:0.03:28.13E:0.03, h10km, n30, c076/39, Iran-Iraq border region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like IKOM Komasi, IGHG Ghaleghazi, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like RDF Al-Radifah, QRN Al-Qurain, etc.

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

SGS 2005:53:04.2, 32.33N:47.33E, h18km, TEH 2005:53:06.6, 32.48N:47.43E, h30km, ISC 2005:53:03.5:0.4, 32.42N:0.02:47.42E:0.05, h10km, n30, c076/39, Iran-Iraq border region

ISCJB 2007:02:26.8:0.4, 31.76N:0.04:56.16E:0.03, h10km, Error ellipse: s-maj=5.6km s-min=3.5km az=163.6

NEIC 2007:29:16.5, 13.43N:91.91W, h30km, MD4.3(MEX), After MEX, MEX 2007:29:16.5:0.5, 13.43N:91.91W, h30km, MD4.3, Near Guatemala

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like ASAO Ashtian, NAY Al-Naaiem, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like IBAF Bafgh, IMEH Mehriz, etc.

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

ASC 2007:32:05.1, 38.20N:26.31W, h10km, ML2.4, After PDA, PDA 2007:32:05.1:0.9, 38.20N:26.31W, h10km, 11km, MD3.5, ML2.4, Error ellipse: s-maj=6.9km s-min=5.1km az=37.0, Azores Islands

ISCJB 2007:02:28.2:0.4, 31.76N:0.04:56.14E:0.03, h10km, n23, c089/31, T.C, Northern and central Iran

Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like PSET Sete Cidades.











20d 14h

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like UMR, NAY, GHVR, KBD, IKLH, etc.

2008 SEP

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like ORIF, CABF, MEZF, SMF, LOR, SSF, etc.

900

Table with columns: Station Name, Elevation, Frequency, Mode, and Signal Strength. Includes stations like CHNG, CMCH, FCH, CLCH, ANTU, LMEI, etc.

Table with columns: YURE, YUREGIR, 0.85 188 i P, P, 14 32 41.3 -0.8, etc.

SKO 20 14:35:27.4, 38°30'N-21°61'E, h0km, mb1 3.7/9, mb1mx3.5/28, mbrmp3.6/9, ML3.4/2, Error ellipse: s-maj=26.2km s-min=20.4km az=143.0

ISC 20 14:35:28.4, 38°50'N-21°61'E, h18km, 1km, ML3.4, mb5/8, Error ellipse: s-maj=2.6km s-min=0.2km az=44.8

CSEM 20 14:35:29.6, 38°46'N-21°60'E, h10km, ML3.4, Error ellipse: s-maj=3.2km s-min=2.6km az=45.0

THE 20 14:35:29.1, 38°49'N-21°61'E, h0km, 1km, ML3.3/18, Error ellipse: s-maj=1.0km s-min=0.4km az=201.0

NEIC 20 14:35:30.8, 38°46'N-21°69'E, h5km, ML3.4(ATH), After ATH.

Main table listing station names, codes, and coordinates for various stations like UPUR, UPUR, etc.

Main table listing station names, codes, and coordinates for various stations like PTL, PTL, etc.

Main table listing station names, codes, and coordinates for various stations like KFL, KFL, etc.

MOS 20 14:43:03.6, 1.2, 15°98'S-73°6'W, h33km, mb5.4/38, MS4.8/9, Error ellipse: s-maj=10.6km s-min=7.2km az=79.0

ISCJB 20 14:43:04.2, 0.2, 16°11'S-104°73'62W, 0.04, h40km, mb5.2/118, MS4.8/15, Error ellipse: s-maj=6.6km s-min=3.8km az=40.4

NEIC 20 14:43:05.4, 0.2, 16°13'S-73°6'W, mb5.4/94, MS4.8/9, MW5.4, Error ellipse: s-maj=6.7km s-min=4.6km az=64.0

Moment Tensor Solution. s57 Moment tensor: Mw=0.77; Best double couple: Mo1.50000x10^17 NP1: 0.337, 0.0000; 0.31, 0.0000; 1.62, 0.0000

LDG 20 14:43:07.0, 0.4, 15°74'S-73°21'W, h40km, Mb5.0/14, MS4.7/10, Error ellipse: s-maj=23.2km s-min=8.8km

BJJ 20 14:43:07.4, 16°10'S-73°60'W, h40km, mb5.2/24, MS5.3/26, MS7.5/125

GCMT 20 14:43:09.0, 0.2, 16°35'S-74°11'W, h52km, 1km, MW5.4, Moment Tensor Solution. s76.c139; s89.c152; Moment tensor: Scale 10^17Nm; Mrr1.05t.03; Mth0.15t.03; Mtt0.12t.03; Mtr-0.02t.02; Mtr-0.98t.02; Mtr-0.93t.03; Best double couple: Mo1.70000x10^17 NP1: 0.303, 0.0000; 0.37, 0.0000; 1.44, 0.0000; NP2: 0.176, 0.0000; 0.65, 0.0000; 1.19, 0.0000; Principal axes: T 1.5000, Plg58.0000; Azm127.0000; N 0.4400, Plg26.0000; Azm343.0000; P -1.0400, Plg16.0000; Azm245.0000; Data Used: II UC G.C.N.

ISC 20 14:43:06.2, 0.2, 16°14'S-104°73'51W, 0.04, h42km, h42km, 3km; pp-P, n689, 0.80/453, mb5.2/118, MS4.8/115, 223C-177D, Near coast of Peru

Table listing station names, codes, and coordinates for various stations like LPAZ, LPAZ, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like BDFB Brasilia, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like WVT Waverly, WVT Waverly, WVT Waverly, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like 320A Mesa, Y25A Mesa, 221A Mesquite Ranch, etc.



X20A	Quebedo	60.39 327	↑P	P	14 53 12.0 +0.7
X20A	baz=60, SNR=7.3				
X20A			↓pP	pP	14 53 23.5 0.0
W21A	San Fidel	60.40 328	↑pP	pP	14 53 23.6 +0.1
T25A	Trinidad	60.47 332	↑P	P	14 53 12.2 +0.4
T25A	baz=61, SNR=6.6				
LONY	Lake Ozonia	60.47 359	PFAKE	LR	14 53 23.6 -0.4
LONY	comp=Z,718nm,20.0s,MS4.8				
Y17A	San Carlos Hig	60.51 325	↑pP	pP	14 53 23.6 -0.8
Y17A	baz=61				
SCIA	State Center	60.56 343	↑P	P	14 53 11.8 -0.6
SCIA	comp=Z,42nm,1.1s,mb5.5				
SCIA			eP	pP	14 53 22.1 -2.3
SCIA			LR		
Y18A	Canyon Day Jun	60.63 325	↑P	P	14 53 12.8 -0.3
Y18A	comp=Z,457nm,21.0s,MS4.6				
Y18A	baz=61, SNR=7.2				
Y18A			↓pP	pP	14 53 24.4 -0.8
U23A	El Rito	60.64 330	↓pP	pP	14 53 25.1 -0.1
U23A	baz=61				
V22A	San Miguel Ran	60.66 329	↑P	P	14 53 13.5 +0.3
V22A	baz=61				
116A	Eloy	60.67 323	↑pP	pP	14 53 24.3 -1.1
116A	baz=61				
T24A	Torres, Weston	60.71 331	↓pP	pP	14 53 25.4 -0.2
T24A	baz=61				
X19A	St. Johns	60.72 326	↑P	P	14 53 14.2 +0.6
X19A	baz=61, SNR=6.1				
X19A			↑pP	pP	14 53 25.8 0.0
JFWS	Jewell Farm	60.74 346	eP	P	14 53 12.3 -1.2
JFWS	comp=Z,72nm,1.4s,mb5.6				
JFWS			eP	pP	14 53 23.5 -2.2
JFWS			LR		
JFWS	comp=Z,491nm,20.0s,MS4.7				
JFWS	Jewell Farm	60.74 346	eP	P	14 53 12.3 -1.3
JFWS			eP	pP	14 53 23.5 -2.2
JFWS			LR		
JFWS	comp=Z,72nm,1.4s,mb5.6				
JFWS			MLR	MLR	
W20A	Ramah	60.84 327	↓P	P	14 53 15.1 +0.7
W20A	baz=61, SNR=8.7				
W20A			↓pP	pP	14 53 26.6 0.0
S25A	Robets Cordova	60.91 332	↓P	P	14 53 14.9 +0.1
S25A	baz=61, SNR=5.5				
S25A			↑pP	pP	14 53 26.5 -0.5
U22A	Llaves	61.00 330	↑P	P	14 53 16.6 +1.1
U22A	baz=61, SNR=5.9				
Y17A	Roosevelt	61.02 325	↓pP	pP	14 53 27.5 -0.3
Y17A	baz=61				
115A	Sonoran Desert	61.07 323	↓pP	pP	14 53 27.7 -0.5
115A	baz=61				
Z16A	Peralta Trail,	61.08 324	↓pP	pP	14 53 27.7 -0.5
Z16A	baz=61				
T23A	Casias Ranch,	61.14 331	↓P	P	14 53 18.3 +1.9
T23A	baz=61				
T23A			↓pP	pP	14 53 28.7 +0.2
X18A	Snowflake	61.15 326	↓P	P	14 53 16.8 +0.3
X18A	baz=61, SNR=7.5				
X18A			↓pP	pP	14 53 28.6 -0.1
PKME	Peaks-Kenny Pk	61.23 3	eP	P	14 53 16.6 -0.2
PKME	comp=Z,69nm,1.3s,mb5.6				
PKME			eP	pP	14 53 28.0 -1.0
PKME			sP	pP	14 53 33.5 -0.3
PKME			LR		
S24A	Houchin Ranch,	61.24 332	↑P	P	14 53 17.9 +0.9
S24A	comp=Z,649nm,19.0s,MS4.8				
S24A	baz=61, SNR=5.6				
S24A			↓pP	pP	14 53 29.4 +0.2
W19A	Sanders	61.30 327	↑pP	pP	14 53 30.0 +0.4
W19A	baz=61				
V20A	Brimhall	61.35 328	↑pP	pP	14 53 29.7 -0.3
V20A	baz=62				
U21A	Nageezi	61.44 329	↓P	P	14 53 19.0 +0.6
U21A	baz=62, SNR=6.9				
U21A			↓pP	pP	14 53 30.4 -0.2
Z15A	Gila River Ind	61.46 323	↓pP	pP	14 53 30.5 -0.3
Z15A	baz=62				
SDCO	Great Sand Dun	61.46 331	PFAKE	LR	14 53 30.0 +1.1
SDCO	comp=Z,250nm,21.0s,MS4.3				
X17A	Forest Lakes	61.47 325	↑P	P	14 53 19.1 +0.3
X17A	baz=62, SNR=8.3				
X17A			↑pP	pP	14 53 30.8 0.0
114A	Black Gap (USA	61.49 323	↓P	P	14 53 19.2 +0.3
114A	baz=62, SNR=5.7				
114A			↓pP	pP	14 53 30.2 -0.8
Y16A	Circle Bar Ran	61.51 324	↑P	P	14 53 19.1 +0.1
Y16A	baz=62, SNR=6.4				
Y16A			↓pP	pP	14 53 30.9 -0.2
T22A	Edith	61.53 330	↑P	P	14 53 19.7 +0.6
T22A	baz=62, SNR=5.9				
T22A			↓pP	pP	14 53 30.7 -0.5
V19A	Window Rock	61.58 327	↑pP	pP	14 53 31.3 -0.2
V19A	baz=62				
R24A	Sanders Place,	61.68 332	↓P	P	14 53 20.5 +0.5
R24A	baz=62				
R24A			↑pP	pP	14 53 32.2 +0.1
U20A	Newcomb	61.83 328	↑pP	pP	14 53 32.8 -0.4
U20A	baz=62				
Q25A	Bedland, Calha	61.86 333	↓pP	pP	14 53 33.0 -0.4
Q25A	baz=62				
X16A	Lo Mia Camp, P	61.88 325	↑P	P	14 53 22.2 +0.7
X16A	baz=62, SNR=8.6				
X16A			↓pP	pP	14 53 33.2 -0.5
113A	Mohawk Valley,	62.02 322	↑pP	pP	14 53 33.7 -0.9
113A	baz=62				
V18A	Ganado	62.04 327	↑pP	pP	14 53 34.2 -0.5
V18A	baz=62				
Y15A	Casa Rosa Ranc	62.04 324	↑P	P	14 53 22.6 +0.1
Y15A	baz=62, SNR=6.0				
Y15A			↑pP	pP	14 53 34.2 -0.5
S22A	4UR Ranch, Cre	62.08 330	↑P	P	14 53 22.8 +0.1
S22A	baz=62, SNR=8.2				
S22A			↓pP	pP	14 53 35.6 +0.7
U19A	Dine' College,	62.11 328	↓pP	pP	14 53 34.5 -0.7
U19A	baz=62				
Z13A	Yuma Proving G	62.26 322	↑P	P	14 53 24.4 +0.4
Z13A	baz=62				
Z13A			↑pP	pP	14 53 35.5 -0.8
Q24A	Divide	62.30 332	↑pP	pP	14 53 36.6 +0.2
Q24A	baz=62				
P25A	Willow Gulch B	62.32 334	↓pP	pP	14 53 36.8 +0.3
P25A	baz=62				
X15A	Humboldt	62.38 324	↑P	P	14 53 25.4 +0.6
X15A	baz=62, SNR=6.4				
X15A			↑pP	pP	14 53 36.7 -0.3
Y14A	Wickenburg	62.41 323	↑P	P	14 53 25.4 +0.3
Y14A	baz=62				
Y14A			↓pP	pP	14 53 36.6 -0.7
V17A	Tonalee, Kykot	62.43 326	↑P	P	14 53 24.9 -0.2
V17A	baz=63				
V17A			↓pP	pP	14 53 37.3 0.0
R22A	Saguache, Gunn	62.43 331	↑P	P	14 53 26.6 +1.5
R22A	baz=63, SNR=6.4				
R22A			↑pP	pP	14 53 37.4 +0.1
T19A	Beclabito	62.43 328	↑P	P	14 53 25.5 +0.3
T19A	baz=63				
W16A	Flagstaff	62.44 325	↑P	P	14 53 25.3 +0.1
W16A	baz=63, SNR=6.2				

W16A			↓pP	pP	14 53 37.0 -0.4
U18A	Rough Rock, Ch	62.55 327	↑P	P	14 53 26.2 +0.3
U18A	baz=63				
U18A			↓pP	pP	14 53 37.3 -0.8
Q23A	Hartsel	62.56 332	↓P	P	14 53 26.6 +0.8
Q23A	baz=63				
Q23A			↑pP	pP	14 53 38.5 +0.5
OGNE	Ogallala	62.66 336	↑pP	pP	14 53 38.2 -0.5
OGNE	baz=63				
OGNE	Ogallala	62.66 336	eP	P	14 53 26.8 +0.3
OGNE	comp=Z,60nm,1.2s,mb5.6				
OGNE			eP	pP	14 53 37.3 -1.4
OGNE			LR		
X14A	Yava	62.73 324	↑P	P	14 53 27.9 +0.7
X14A	comp=Z,494nm,21.0s,MS4.7				
X14A	baz=63, SNR=6.7				
X14A			↑pP	pP	14 53 39.0 -0.4
Y13A	Salome	62.80 323	↑pP	pP	14 53 39.2 -0.6
Y13A	baz=63				
S20A	Disappointment	62.88 329	↑P	P	14 53 28.5 +0.4
S20A	baz=63				
S20A			↓pP	pP	14 53 40.7 +0.4
W15A	Williams	62.90 325	↓pP	pP	14 53 40.5 0.0
W15A	baz=63				
R21A	Cimarron	62.92 330	↑pP	pP	14 53 40.6 +0.1
R21A	baz=63				
P23A	Jefferson	62.94 332	↓pP	pP	14 53 40.0 -0.6
P23A	baz=63				
U16A	Tuba City	63.00 326	↑P	P	14 53 29.2 +0.3
U16A	baz=63, SNR=8.0				
U16A			↑pP	pP	14 53 41.0 -0.1
T18A	Mexican Hat	63.10 328	↑P	P	14 53 29.5 0.0
T18A	baz=63				
Y12C	Blythe	63.16 322	↑pP	pP	14 53 41.5 -0.8
Y12C	baz=63				
R20A	Redvale	63.17 330	↑pP	pP	14 53 30.6 +0.5
R20A	baz=63, SNR=5.3				
R20A			↑pP	pP	14 53 42.3 +0.1
ISCO	Idaho Springs	63.19 333	↓P	P	14 53 30.7 +0.6
ISCO	baz=63				
ISCO			↑pP	pP	14 53 42.7 +0.5
ISCO	Idaho Springs	63.19 333	eP	P	14 53 28.7 -1.3
ISCO	comp=Z,92nm,2.0s,ms5.6				
ISCO			eP	pP	14 53 42.6 +0.3
ISCO			LR		
ISCO	comp=Z,557nm,22.0s,MS4.7				
ISCO	Idaho Springs	63.19 333	eP	P	14 53 28.7 -1.4
ISCO			eP	pP	14 53 42.6 +0.3
ISCO			LR		
ISCO	comp=Z,92nm,2.0s,ms5.6				
ISCO			MLR	MLR	
ECSD	EROS Data Cent	63.23 341	eP	P	14 53 28.7 -1.5
ECSD	comp=Z,77nm,1.3s,mb5.7				
ECSD			eP	pP	14 53 40.3 -2.1
ECSD			LR		
V15A	Kaibab Nationa	63.32 325	↑P	P	14 53 31.7 +0.7
V15A	comp=Z,441nm,19.0s,MS4.7				
V15A	baz=64, SNR=6.0				
V15A			↑pP	pP	14 53 43.0 -0.2
DVTC	Desert V Tower	63.35 320	↓P	P	14 53 32.2 +0.9
DVTC	baz=64				
DVTC			↑pP	pP	14 53 43.3 -0.2
X13A	Yucca	63.36 323	↑pP	pP	14 53 42.8 -0.7
X13A	baz=64				
W14A	Seligman	63.38 324	↑pP	pP	14 53 43.5 -0.2
W14A	baz=64				
T17A	Navajo Res., N	63.48 327	↓pP	pP	14 53 34.2 +0.2
T17A	baz=64				
P22A	Eagle	63.53 332	↓pP	pP	14 53 44.6 0.0
P22A	baz=64				
COWI	Conover	63.54 348	eP	P	14 53 30.6 -1.6
COWI	comp=Z,30nm,1.2s,mb5.2				
COWI			eP	pP	14 53 42.8 -1.7
COWI			LR		
S18A	Hurst Farm, BI	63.59 328	↑P	P	14 53 32.6 -0.2
S18A	comp=Z,708nm,20.0s,MS4.8				
S18A			↑pP	pP	14 53 44.4 -0.6
BC3	Big Chuckawall	63.65 322	↓pP	pP	14 53 44.8 -0.7
BC3	baz=64				
O23A	Lake Granby, G	63.66 333	↑P	P	14 53 33.6 +0.5
O23A	baz=64				
R19A	Curley Farm, L	63.69 329	↑pP	pP	14 53 45.8 +0.2
R19A	baz=64				
V14A	Boquillas Ranc	63.70 325	↓P	P	14 53 33.7 +0.1
V14A	baz=64, SNR=8.9				
V14A			↑pP	pP	14 53 45.5 -0.2
MONP	Monument Peak	63.71 320	↓P	P	14 53 33.7 +0.1
MONP	baz=64				
W13A	Hualapai Mount	63.75 324	↓pP	pP	14 53 45.7 -0.4
W13A	baz=64				
P21A	Newcastle	63.80 331</			







**ICD 20 16:07:22.8-6.6,6.71S,154.13E,h0km,mb3.4/3, mb1 3.5/3,mb1mx3.2/3,mbtmp3.4/3,Error ellipse: s-maj=201.8km s-min=38.1km az=112.0,Bougainville - Solomon Islands region**

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
WRA	Warramunga Arr	23.28 234	Op P	16 12 32.3	-0.1
ASAR	Alice Springs	25.73 227	P	16 12 55.0	-0.1
MKAR	Makanchi Array	82.63 319	P	16 19 48.3	+0.3

**ICD 20 16:08:36.8-1.8,25.26N,122.99E,h0km,mb3.5/6, mb1 3.6/6,mb1mx3.2/3,mbtmp3.5/6,Error ellipse: s-maj=168.0km s-min=19.5km az=66.0, NEIC 20 16:08:53.9-2.3,25.19N,122.81E,h149km,18km,Error ellipse: s-maj=49.8km s-min=11.7km az=70.0, ISCJB 20 16:08:54.5-0.3,25.02N,122.72E,0.0,0.2, h159km,3km,mb3.3/6,Error ellipse: s-maj=5.0km s-min=2.7km az=161.2, TAP 20 16:08:55.5,25.05N,122.76E,h151km,ML4.0,C JMA 20 16:08:57.3-0.4,25.00N,122.74E,h143km,M3.4, ICD 20 16:08:55.2-0.3,25.03N,122.70E,0.0,0.2, h156km,2km, n75,0097/134,mb3.3/6,2D,Taiwan region**

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
YOJ	Yonaguni jima	0.63 153	P	16 09 18.3	+0.3
YOJ	Yonaguni jima	0.63 153	P	16 09 35.8	+0.4
TWB1	Santiao Chiao	0.64 268	iP	16 09 18.4	+0.4
TWB1	Santiao Chiao	0.64 268	iP	16 09 35.3	-0.1
NWF	Wu-fen Shan	0.83 273	eP	16 09 19.9	+0.6
NWF	Wu-fen Shan	0.83 273	eP	16 09 38.3	+0.7
TWC	Suao	0.88 242	P	16 09 19.2	-0.4
TWC	Suao	0.88 242	P	16 09 37.2	-1.0
ILA	Ilan	0.90 253	eP	16 09 20.0	+0.2
ILA	Ilan	0.90 253	eP	16 09 39.2	+0.7
TWE	Neicheng	0.99 252	P	16 09 20.9	+0.5
TWE	Neicheng	0.99 252	P	16 09 39.2	-0.5
TWA	Mucha	1.01 267	eP	16 09 21.0	+0.3
TWA	Mucha	1.01 267	eP	16 09 39.8	-0.3
TWY	Chenhua	1.02 284	eP	16 09 21.1	+0.3
TWY	Chenhua	1.02 284	eP	16 09 40.2	-0.1
ENA	Nanau	1.06 236	eP	16 09 21.6	+0.5
ENA	Nanau	1.06 236	eP	16 09 40.4	-0.4
TAP1	Taipei	1.07 271	eP	16 09 22.0	+0.9
TAP1	Taipei	1.07 271	eP	16 09 40.5	-0.4
ENTT	Nioudou	1.10 250	eP	16 09 22.1	+0.7
ENTT	Nioudou	1.10 250	eP	16 09 42.7	+1.2
TATO	Taipei	1.10 267	ePn	16 09 20.1	-1.3
TATO	Taipei	1.10 267	ePn	16 09 41.0	-0.4
TWS1	Kuangyinsihan	1.16 274	eP	16 09 22.6	+0.6
TWS1	Kuangyinsihan	1.16 274	eP	16 09 42.2	-0.2
IRIF	Iriomote-Funau	1.17 126	P	16 09 22.4	+0.4
IRIF	Iriomote-Funau	1.17 126	P	16 09 40.0	-2.5
YHNB	Yeheng	1.25 254	ePn	16 09 22.9	+0.1
YHNB	Yeheng	1.25 254	ePn	16 09 41.2	-2.7
NSK	Sanguang	1.27 254	P	16 09 23.4	+0.5
NSK	Sanguang	1.27 254	P	16 09 43.5	-0.7
NACB	Ninganchiao	1.32 230	ePn	16 09 23.1	-0.4
NACB	Ninganchiao	1.32 230	ePn	16 09 39.1	-6.0
NCU	National Centr	1.37 268	eP	16 09 24.9	+0.9
NCU	National Centr	1.37 268	eP	16 09 46.1	+0.1
TWD	Chiawen	1.38 227	P	16 09 24.0	-0.1
TWD	Chiawen	1.38 227	P	16 09 45.3	-0.8
HATJ	Hateruma jima	1.40 134	P	16 09 25.2	+0.9
HATJ	Hateruma jima	1.40 134	P	16 09 45.9	-0.6
JKRS	Kuro-shima	1.43 123	P	16 09 25.5	+0.9
JKRS	Kuro-shima	1.43 123	P	16 09 47.0	0.0
HWA	Hwalien	1.45 224	eP	16 09 24.3	-0.4
HWA	Hwalien	1.45 224	eP	16 09 46.0	-1.3
JJU	Ishigaki jima	1.47 117	P	16 09 25.5	+0.5
JJU	Ishigaki jima	1.47 117	P	16 09 46.7	-1.0
WHF	Hehuan Shan	1.57 236	P	16 09 27.1	+1.1
WHF	Hehuan Shan	1.57 236	P	16 09 49.9	+0.2
HSN	Hsinchu	1.59 262	eP	16 09 28.2	0.0
HSN	Hsinchu	1.59 262	eP	16 09 49.1	-0.7
NSTT	Nanjuang	1.59 256	P	16 09 26.4	+0.2
NSTT	Nanjuang	1.59 256	P	16 09 49.0	-1.0
ESL	Shilin	1.67 224	eP	16 09 26.4	-0.6
ESL	Shilin	1.67 224	eP	16 09 50.0	-1.5
JTJ	Tarama	1.86 102	P	16 09 30.0	+0.8
JTJ	Tarama	1.86 102	P	16 09 50.0	-0.2
NSY	Sanyi	1.86 251	eP	16 09 30.0	+0.8
NSY	Sanyi	1.86 251	eP	16 09 55.4	+0.2
EHY	Hungye	1.97 220	eP	16 09 30.2	-0.2
EHY	Hungye	1.97 220	eP	16 09 56.2	-1.2
SMLT	Sun Moon Lake	2.00 235	iP	16 09 32.0	+1.3
SMLT	Sun Moon Lake	2.00 235	iP	16 09 58.9	+1.0
SSLB	Suanguang	2.02 232	ePn	16 09 31.7	+0.8
SSLB	Suanguang	2.02 232	ePn	16 09 57.6	-0.8
TYC	Yuchr	2.02 237	iP	16 09 31.9	+0.9
TYC	Yuchr	2.02 237	iP	16 09 59.4	+1.0
TCU	Taichung	2.04 245	eP	16 09 32.1	+0.9
TCU	Taichung	2.04 245	eP	16 09 58.4	-0.4
TWF1	Yuli	2.10 218	eP	16 09 31.9	-0.1
TWF1	Yuli	2.10 218	eP	16 09 58.6	-1.6
WNT	Mingjian	2.16 238	eP	16 09 33.7	+1.0
WNT	Mingjian	2.16 238	eP	16 10 01.8	+0.3
YUS	Yu-Shan	2.21 226	eP	16 09 35.3	+2.1
YUS	Yu-Shan	2.21 226	eP	16 10 03.5	+1.0
CHKT	Chengkung	2.28 213	eP	16 09 33.4	-0.6
CHKT	Chengkung	2.28 213	eP	16 10 01.9	-1.9
ALS	Alishan	2.30 229	P	16 09 36.4	+2.2

ALS	baz=224	eS	Sn	16 10 06.5	+2.2
WKG	Gukung	2.36 236	eP	16 09 35.6	+0.6
WKG	Gukung	2.36 236	eP	16 10 06.3	+0.6
JMJ	Miyako jima 2	2.37 95	P	16 09 36.6	+1.6
JMJ	Miyako jima 2	2.37 95	P	16 10 06.0	+0.3
ELDTW	Lidau	2.39 220	eP	16 09 35.7	+0.3
ELDTW	Lidau	2.39 220	eP	16 10 05.8	-0.5
JOGS	Gusukube	2.47 96	P	16 09 37.9	+1.6
JOGS	Gusukube	2.47 96	P	16 10 08.3	+0.3
WTCT	Ta-ch'eng	2.49 243	eP	16 09 36.6	+0.1
WTCT	Ta-ch'eng	2.49 243	eP	16 10 07.3	-1.1
TPUB	Ta-pu	2.56 228	ePn	16 09 37.7	+0.3
TPUB	Ta-pu	2.56 228	ePn	16 10 08.7	-1.1
STYT	Tauyuan	2.57 224	eP	16 09 38.4	+0.9
STYT	Tauyuan	2.57 224	eP	16 10 11.2	+1.1
CHY	Chiayi	2.58 234	eP	16 09 37.6	0.0
CHY	Chiayi	2.58 234	eP	16 10 10.0	-0.3
WTP	Ta-pu	2.60 227	eP	16 09 38.5	+0.5
WTP	Ta-pu	2.60 227	eP	16 10 11.8	+0.9
WSF	Szhu	2.65 239	eP	16 09 38.6	+0.1
WSF	Szhu	2.65 239	eP	16 10 11.2	-0.7
TWG	Pihsing	2.66 214	eP	16 09 37.8	-0.8
TWG	Pihsing	2.66 214	eP	16 10 10.3	-1.8
TTN	Taitung	2.67 212	eP	16 09 39.5	+0.7
TTN	Taitung	2.67 212	eP	16 10 12.7	+0.2
CHN1	Nanshi	2.70 228	eP	16 09 39.8	+0.6
CHN1	Nanshi	2.70 228	eP	16 10 13.6	+0.5
SGST	Jiashan	2.74 225	P	16 09 40.3	+0.7
SGST	Jiashan	2.74 225	P	16 10 14.7	+0.9
ECL	Taimali	2.90 214	eP	16 09 40.8	-0.8
ECL	Taimali	2.90 214	eP	16 10 15.4	-2.1
TWM1	Shoushan	3.03 224	eP	16 09 45.4	+2.2
TWM1	Shoushan	3.03 224	eP	16 10 22.3	+2.0
EAST	Anshuo	3.13 213	eP	16 09 45.1	+0.6
EAST	Anshuo	3.13 213	eP	16 10 21.3	-1.4
LAY	Lan-yu	3.16 200	eP	16 09 44.4	-0.5
LAY	Lan-yu	3.16 200	eP	16 10 23.0	-0.3
PNG	Penghu	3.22 244	eP	16 09 45.0	-0.6
PNG	Penghu	3.22 244	eP	16 10 21.9	-2.6
SCZT	Fangliu	3.26 216	eP	16 09 46.4	+0.3
SCZT	Fangliu	3.26 216	eP	16 09 54.6	+0.2
JKE	Kume jima 2	3.91 70	P	16 10 41.8	+1.3
JKE	Kume jima 2	3.91 70	P	16 10 04.8	+0.1
JAGN	Aguni-jima	4.38 68	S	16 10 04.6	-0.1
JAGN	Aguni-jima	4.38 68	S	16 10 09.7	-0.9
JUT2	Tagamusuku 2	5.14 66	P	16 10 11.8	-1.3
JUT2	Tagamusuku 2	5.14 66	P	16 10 23.3	-1.9
JOW	Kunigami	5.33 69	P	16 10 33.2	-2.5
JOW	Kunigami	5.33 69	P	16 10 14.1	-0.8
JTK	Tokunoshima	6.24 63	P	16 10 33.2	-2.5
JTK	Tokunoshima	6.24 63	P	16 10 14.1	-0.8
JAM	Amami Oshima	7.03 60	P	16 10 33.2	-2.5
JAM	Amami Oshima	7.03 60	P	16 10 14.1	-0.8
IMZ	Imidaito 2	7.75 82	P	16 10 33.2	-2.5
IMZ	Imidaito 2	7.75 82	P	16 10 14.1	-0.8
SOM1	Songino Array	26.16 335	P	16 14 14.1	-0.8
SOM1	Songino Array	26.16 335	P	16 14 14.1	-0.8
MKAR	Makanchi Array	38.71 315	P	16 16 02.9	-1.0
MKAR	Makanchi Array	38.71 315	P	16 16 02.9	-1.0
ZALV	Zalesovo Beam	40.30 326	P	16 16 15.2	-1.7
ZALV	Zalesovo Beam	40.30 326	P	16 17 03.4	-0.4
WRA	Warramunga Arr	46.11 165	P	16 17 03.4	-0.5
WRA	Warramunga Arr	46.11 165	P	16 17 32.1	+1.4
ASAR	Alice Springs	49.61 166	P	16 17 03.4	-0.5
ASAR	Alice Springs	49.61 166	P	16 17 32.1	+1.4
FINES	FINES Array B	71.41 330	P	16 19 57.0	-1.1
FINES	FINES Array B	71.41 330	P	16 19 57.0	-1.1

**CSEM 20 16:22:03.5,36.17N-21.87E,h11km,MD3.6,After ATH ATH 20 16:22:03.5,36.17N-21.87E,h11km,2km,MD3.6/9,**

**Southern Greece**

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
KYTH	Kithira	0.95 83	Op	16 22 21.3	+0.5
KYTH	Kithira	0.95 83	Op	16 22 21.3	-0.5
ITM	Ithomi	1.01 3	ePb	16 22 22.7	-0.3
ITM	Ithomi	1.01 3	ePb	16 22 37.2	+0.9
ITM	Ithomi	1.01 3	ePb	16 22 22.7	-0.3
ITM	Ithomi	1.01 3	ePb	16 22 37.2	+0.9
VLI	Vellai	1.02 57	eSb	16 22 37.3	+0.7
VLI	Vellai	1.02 57	eSb	16 22 23.1	-0.1
VLI	Vellai	1.02 57	eSb	16 22 37.3	+0.7
VLI	Vellai	1.02 57	eSb	16 22 27.0	-0.8
VLX	Vlachokerasia	1.27 19	eSb	16 22 44.6	+0.9
VLX	Vlachokerasia	1.27 19	eSb	16 22 27.0	-0.8
VLX	Vlachokerasia	1.27 19	eSb	16 22 44.6	+0.9
VLX	Vlachokerasia	1.27 19	eSb	16 22 34.9	+1.5
DID	Didima	1.73 39	ePn	16 22 34.9	+1.5
DID	Didima	1.73 39	ePn	16 22 37.0	-1.1
GUR	Goura	1.80 12	ePb	16 22 37.0	-1.1
GUR	Goura	1.80 12	ePb	16 22 40.6	+2.8
VAM	Vamos	2.04 111	ePn	16 22 40.6	+2.8
VAM	Vamos	2.04 111	ePn	16 22 39.9	+2.0
LTK	Loutraiki	2.05 25	ePn	16 22 39.9	+2.0
LTK	Loutraiki	2.05 25	ePn	16 22 42.2	-2.0
EFP	Efpalio	2.25 1	ePb	16 22 42.2	-2.0
EFP	Efpalio	2.25 1	ePb	16 22 51.8	-2.9
AGG	Agios Georgios	2.87 7	ePb	16 22 51.8	-2.9
AGG	Agios Georgios	2.87 7	ePb	16 22 51.8	-2.9

**CASC 20 16:30:09.7-3.1,15.26N,91.63W,h237km,14km,MD3.9, ML4.0,mb4.7(NEIC) ISCJB 20 16:30:10.8-0.2,15.50N,91.54W,0.0,0.3,h214km, mb4.4/50,Error ellipse: s-maj=5.3km s-min=2.4km**

**NEIC 20 16:30:10.0-0.3,15.35N,91.68W,mb4.7/42,MD4.5(MEX), Error ellipse: s-maj=7.3km s-min=4.8km az=211.0, MEX 20 16:30:11.7-0.9,15.38N,91.86W,h221km,8km,MD4.5, ICD 20 16:30:11.6-0.4,15.44N,91.46W,h216km,3km,mb4.0/18, mb1 4.2/21**







20D 19h

Table with columns: VHO, Vista Hermosa, 3.28 82 i P, Pn, 18 23 42.8 -3.3, etc.

ISCJB 20 18:24:10.0.0.8, 18:6S:0.1x177:71W:0.10, h575km, 10km, mb4.0/14, Error ellipse: s-maj=21.7km s-min=11.4km az=154.3

IDD 20 18:24:10.1.1.6, 18:21S:177:94W, h552km, 18km, mb3.4/8, mb1 3.7/9, mb1mx3.4/19, mbtmp3.4/9, Error ellipse: s-maj=66.5km s-min=12.1km az=150.0

NEIC 20 18:24:11.0.0.8, 18:54S:177:71W, h574km, 9km, mb4.3/7, Error ellipse: s-maj=18.6km s-min=11.5km az=151.0

ISC 20 18:24:10.7.0.8, 18:5S:0.1x177:68W:0.10, h567km, 10km, n28, c095/26, mb4.0/14, Fiji Islands region

Main table for 20D 19h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

ISC 20 18:36:10.4.0.7, 0:33N:127:65E, h0km, mb4.1/9, mb1 4.3/11, mb1mx4.1/20, mbtmp4.1/11, MLv4.0/1, Error ellipse: s-maj=31.2km s-min=14.1km az=64.0

DJA 20 18:36:13.0.0.7, 14:11N:91:18W, h110km, mb4.8/8, BUJ 20 18:36:17.9.0.30N:127:70E, h53km, mb4.7/3, mb4.1/6

NEIC 20 18:36:17.3.2.5, 0:29N:127:72E, h54km, 2km, mb4.3/13, Error ellipse: s-maj=20.1km s-min=7.9km az=63.0

NEIC Felt [V] on Halmahera. ISC 20 18:36:13.6.2.1, 0:36N:0:05x127:85E:0.08, h21km, 14km, n45, c095/47, mb4.2/20, Halmahera

Main table for 20D 19h (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

2008 SEP

Table with columns: EK52, Erkin-Say, 64.08 318 P, P, 18 46 47.0 +0.8, etc.

ISC 20 18:49:04.8.3.9, 5:76S:110:43E, h0km, mb3.3/3, mb1 3.4/3, mb1mx3.3/19, mbtmp3.3/3, Error ellipse: s-maj=25.2km s-min=25.8km az=50.0

ISCJB 20 18:49:54.5.0.6, 5:9S:0.1:111.16E:0:09, h549km, 9km, mb2.9/3, Error ellipse: s-maj=20.1km s-min=11.7km

DJA 20 18:49:54.6:04S:111:18E, h571km, MLv4.1/11 ISC 20 18:49:55.6:0.6, 5:9S:0.1:111.15E:0:08, h541km, 9km, n18, c064/18, mb2.9/3, Java Sea

Main table for 2008 SEP (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

ISCJB 20 18:52:09.5.0.4, 14:15N:0:08'91:15W:0:05, h118km, 6km, Error ellipse: s-maj=14.2km s-min=3.4km az=28.5

CASC 20 18:52:09.9.1.9, 14:19N:91:13W, h110km, 8km, MD3.7, ML3.7

MEX 20 18:52:11.2.0.6, 14:11N:91:18W, h130km, 11km, MD4.2

NEIC 20 18:52:11.2, 14:11N:91:18W, h130km, MD4.2, MEX, After MEX

ISC 20 18:52:10.7.0.4, 14:15N:0:07'91:15W:0:04, h111km, 7km, n43, c085/60, 2C-3D, Guatemala

Main table for 2008 SEP (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

CSEM 20 18:55:17.9, 64:50N:17:78W, h10km, ML3.6, After REY REY 20 18:55:17.9, 64:50N:17:78W, h10km, ML3.6, ML3.2, Iceland

Main table for 2008 SEP (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

910

Table with columns: IVSH, Hvanntoosfjol, 0.94 60 P, S, 18 55 47.0 +0.8, etc.

ISC 20 19:00:26.7.4.8, 6:94S:127:53E, h361km, 83km, mb3.3/1, mb1 3.3/4, mb1mx2.9/17, mbtmp3.2/4, Error ellipse: s-maj=103.6km s-min=49.1km az=86.0, Banda Sea

ISC 20 19:03:20.4.0.8, 3:04N:0:04:127:62E:0:07, h99km, 8km, mb4.1/23.4, Error ellipse: s-maj=12.4km s-min=6.1km az=173.4

ISC 20 19:03:21.8.2.1, 2:94N:127:53E, h91km, 19km, mb3.8/14, mb1 3.9/16, mb1mx3.8/25, mbtmp3.8/16, MS2.8/1, Ms1 2.8/1, ms1mx1.7/29, Error ellipse: s-maj=26.3km s-min=9.3km az=77.0

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

DJA 20 19:02:56, 4:82N:128:76E, h114km, mb4.8/4

NEIC 20 19:03:19.8:1.3, 3:00N:127:69E, h78km, 13km, mb4.4/9, Error ellipse: s-maj=14.3km s-min=6.7km az=76.0

ISCJB 20 19:03:20.4.0.8, 3:04N:0:04:127:62E:0:07, h99km, 8km, mb4.1/23.4, Error ellipse: s-maj=12.4km s-min=6.1km az=173.4

ISC 20 19:03:21.8.2.1, 2:94N:127:53E, h91km, 19km, mb3.8/14, mb1 3.9/16, mb1mx3.8/25, mbtmp3.8/16, MS2.8/1, Ms1 2.8/1, ms1mx1.7/29, Error ellipse: s-maj=26.3km s-min=9.3km az=77.0

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

Main table for 910 (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

ISC 20 19:03:21.2.0.8, 3:05N:0:04:127:67E:0:08, h88km, 7km, n56, c192/60, mb4.1/24, 1C-1D, Talau Islands

Main table for 910 (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC



20d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KSH Kashi, PETK Petropavlovsk, MK31 Makanchi Array, etc.

2008 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BOSA, BRTR Keskin Array B, AKASG Malin Array, etc.

912

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like mb3.3/4, Error ellipse, WEL 20:01:25.6:0.4, 37.67S:177.07E, etc.





20d 21h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like R19A Curley Farm, V15A Kalbab Nationa, W14A Seligman, etc.

2008 SEP

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like G18A Lazy EL Ranch, J15A Blackfoot, F19A Roth Farm, etc.

914

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ILAR Eielson Array, ESDC Sonseca Array, TORO Torodi Ar, etc.

IDC 2021:13:57.8-1.2, 7:31'S, 156.02E, h27km, 5km, mb4, 1/1, mb1 4.2/12, mb1mx4, 1/1b, mbtmp4, 1/12, ML 4.2/1, MS3.2/1, Ms1 3.2/1, ms1mx2.2/20, Error ellipse: s-maj=28.6km s-min=17.8km az=107.0

NEIC 2021:13:58.4-0.5, 7:36'S, 156.10E, h35km, mb4.2/1, Error ellipse: s-maj=12.4km s-min=11.5km az=100.0

ISC 2021:13:58.8-0.6, 7:33'S, 156.09E, 0.1, h35km, (h27km, 1.9km, pp-P), n17, c0883/19, mb4.1/12, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

ISCJB 2021:18:00.9-1.0, 16.4N, 0.2x145.7E, 0.2, h523km, 10km, mb3.2/7, Error ellipse: s-maj=34.5km s-min=22.3km az=16.9

IDC 2021:18:00.9-1.0, 16.37N, 145.79E, h511km, 11km, mb2.7/7, mb1 3.0/8, mb1mx2.8/24, mbtmp2.7/8, Error ellipse: s-maj=28.8km s-min=17.2km az=115.0

NEIC 2021:18:02.4-1.0, 16.33N, 145.74E, h530km, 12km, Error ellipse: s-maj=26.0km s-min=16.6km az=108.0

ISC 2021:18:01.6-1.0, 16.3N, 0.2x145.7E, 0.2, h518km, 10km, n10, c071/12, mb3.2/7, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO Guam, WRA Warramunga Arr, etc.

FUNW 2021:25:45.3, 6.79N, 73.16W, h170km, MW3.5, 7C, Northern Columbia









20d 22h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KOLS Kolonickie sedl, K21A Alcova, N19A John Jarvie Ra, etc.

2008 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like K21A Alcova, N19A John Jarvie Ra, T14A Hurricane, etc.

918

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PKSM Moragy, Y14A Wickenburg, O22A Kremmling, etc.



21d 1h

Table with columns: MKAR, ZALV, BVAR, ARCES. Includes station names, coordinates, and time/res data.

Table with columns: CMAR, MKAR, ZALV, WRA, FINES, ARCES. Includes station names, coordinates, and time/res data.

DDA 20 22:41:05.3, 41.04N, 38.91E, h5km, 7km, MD3.1
ISCJB 20 22:41:06.9, 0.8, 41.05N, 0.05, 39.06E, 0.03, h9km, 4km,
Error ellipse: s-maj=8.5km s-min=3.9km az=173.7

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

IDC 20 22:54:44.7, 8.5, 17.88S, 167.63E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.7/15, mbtmp3.6/3, MS3.5/1, Ms1 3.5/1,
ms1mx2.8/21, Error ellipse: s-maj=400.0km s-min=35.1km
az=147.0

NOU 20 22:54:50.9, 0.8, 17.09S, 167.08E, h30km, MD3.0, MLL4.0
ISCJB 20 22:54:53.5, 2.2, 17.55S, 0.1, 167.1E, 0.2, h63km, 25km,
mb3.6/3, Error ellipse: s-maj=38.5km s-min=16.4km
az=8.5

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

ISCJB 20 23:19:25.6, 0.6, 55.71S, 0.1, 20.26W, 0.2, h10km,
mb4.3/12, MS3.6/3, Error ellipse: s-maj=15.4km
s-min=11.7km az=43.8

IDC 20 23:19:25.8, 0.6, 55.75S, 27.03W, h0km, mb4.3/9,
mb1 4.3/10, mb1mx2.2/17, mbtmp4.2/10, ML3.6/1, MS3.6/3,
Ms1 3.7/3, ms1mx3.3/14, Error ellipse: s-maj=20.8km
s-min=16.5km az=48.0

NEIC 20 23:19:30.1, 5.4, 55.79S, 27.08W, h29km, 38km, mb4.6/4,
Error ellipse: s-maj=14.7km s-min=8.7km az=219.0

ISC 20 23:19:27.4, 0.6, 55.78S, 0.1, 20.27W, 0.2, h10km, n26,
o572/18, mb4.3/12, MS3.6/3, South Sandwich Islands
region

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

2008 SEP

Table with columns: QSPA, CPUP, CPUP, MAW, BOSA, BOSA, LPAZ, LPAZ, DBIC, TORO, SDV, ASAR, WRA, FINES, MKAR, ZALV, ILAR, ILAR. Includes station names, coordinates, and time/res data.

MEX 21 00:07:46.4, 1.2, 14.22N, 92.67W, h17km, 112km, MD3.9,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, TGIG, etc.

IDC 21 00:13:57.4, 7.2, 35.97N, 77.25E, h0km, mb3.6/1,
mb1 3.6/5, mb1mx3.3/27, mbtmp3.6/5, ML3.4/4, Error
ellipse: s-maj=105.5km s-min=54.8km az=146.0

NEIC 21 00:14:04.0, 9.4, 35.94N, 77.43E, h60km, 38km, Error
ellipse: s-maj=103.1km s-min=20.1km az=169.0

BUI 21 00:14:04.0, 35.99N, 77.37E, h45km, ML3.4/3,
NMC 21 00:14:20.6, 3.9, 37.22N, 75.86E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=75.0km s-min=27.8km az=46.0

ISC 21 00:14:07.3, 1.7, 36.47N, 0.03, 77.33E, 0.09, h21km, 15km,
n22, o1544/29, 2C-3D, Kashmir-Xinjang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH, CHCP, KLP, SMLA, etc.

ISC 21 00:15:44.7, 8.5, 17.88S, 167.63E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.7/15, mbtmp3.6/3, MS3.5/1, Ms1 3.5/1,
ms1mx2.8/21, Error ellipse: s-maj=400.0km s-min=35.1km
az=147.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JASI, AAK, AAK, TKM2, etc.

FUN 21 00:30:39.8, 6.77N, 73.15W, h160km, MW3.5, 2D,
Northern Colombia

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

920

Table with columns: TEPV, SIOV, SAUV, MAPV, IMOV, TURV, CAOV, CUPV. Includes station names, coordinates, and time/res data.

ISCJB 21 01:09:32.2, 0.7, 24.13N, 0.102, 119.58E, 0.04, h13km, 7km,
Error ellipse: s-maj=5.7km s-min=3.5km az=6.5

TAP 21 01:09:32.4, 24.09N, 119.67E, h7km, ML3.7, D
ISC 21 01:09:32.7, 0.5, 24.11N, 0.102, 119.62E, 0.02, h12km, 3km,
n43, o566/80, 3C-2D, Taiwan region

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

MEX 21 00:07:46.4, 1.2, 14.22N, 92.67W, h17km, 112km, MD3.9,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, TGIG, etc.

IDC 21 00:13:57.4, 7.2, 35.97N, 77.25E, h0km, mb3.6/1,
mb1 3.6/5, mb1mx3.3/27, mbtmp3.6/5, ML3.4/4, Error
ellipse: s-maj=105.5km s-min=54.8km az=146.0

NEIC 21 00:14:04.0, 9.4, 35.94N, 77.43E, h60km, 38km, Error
ellipse: s-maj=103.1km s-min=20.1km az=169.0

BUI 21 00:14:04.0, 35.99N, 77.37E, h45km, ML3.4/3,
NMC 21 00:14:20.6, 3.9, 37.22N, 75.86E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=75.0km s-min=27.8km az=46.0

ISC 21 00:14:07.3, 1.7, 36.47N, 0.03, 77.33E, 0.09, h21km, 15km,
n22, o1544/29, 2C-3D, Kashmir-Xinjang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH, CHCP, KLP, SMLA, etc.

ISC 21 00:15:44.7, 8.5, 17.88S, 167.63E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.7/15, mbtmp3.6/3, MS3.5/1, Ms1 3.5/1,
ms1mx2.8/21, Error ellipse: s-maj=400.0km s-min=35.1km
az=147.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JASI, AAK, AAK, TKM2, etc.

FUN 21 00:30:39.8, 6.77N, 73.15W, h160km, MW3.5, 2D,
Northern Colombia

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







Y14A	Wickenburg	76.45	48	↑P	P	06 48 06.2 -0.2
216A	Three Points	76.63	51	P	P	06 48 07.3 -0.2
U12A	Valley	76.65	46	↑P	P	06 48 07.8 +0.3
H04A	Detroit Lake	76.67	35	P	P	06 48 07.2 -0.2
T12A	Moapa	76.68	45	↓P	P	06 48 08.0 +0.2
V13A	Grand Canyon W	76.73	46	↑P	P	06 48 08.1 +0.1
Z15A	Gila River Ind	76.74	49	↓P	P	06 48 08.2 +0.1
X14A	Yava	76.80	48	↑P	P	06 48 08.5 +0.1
Y15A	Casa Rosa Ranc	76.94	49	↑P	P	06 48 09.5 +0.3
R11A	Troy Canyon, C	76.97	43	↑P	P	06 48 09.1 -0.2
217A	Green Valley	77.00	51	↓P	P	06 48 09.4 +0.1
W14A	Seligman	77.03	47	P	P	06 48 09.9 +0.2
U13A	Pakoon Wash	77.03	46	↑P	P	06 48 09.8 +0.2
BMN	Battle Mountain	77.06	41	↑P	P	06 48 09.3 -0.4
BMN	Battle Mountai	77.06	41	eP	P	06 48 09.3 -0.5
BMN					pmx	pmx
E03A	Leban	77.12	33	P	P	06 48 10.2 +0.3
V14A	Boquillas Ranc	77.23	47	P	P	06 48 10.9 +0.1
X15A	Humboldt	77.27	48	↓P	P	06 48 11.1 0.0
TUC	Tucson	77.28	51	eP	P	06 48 10.7 -0.5
TUC	Tucson	77.28	51	eP	P	06 48 10.7 -0.4
TUC					pmx	pmx
Z16A	Peralta Trail,	77.30	50	↓P	P	06 48 11.0 -0.2
F04A	Amboy	77.33	34	↓P	P	06 48 11.0 -0.2
WVOR	Wild Horse Val	77.35	39	eP	P	06 48 10.6 -0.7
WVOR	Wild Horse Val	77.35	39	eP	P	06 48 10.6 -0.7
WVOR					pmx	pmx
T13A	Saint George	77.39	45	↑P	P	06 48 11.9 +0.3
117A	Oracle	77.43	51	↑P	P	06 48 12.2 +0.2
VIPM	Ingram Point	77.44	36	P	P	06 48 11.7 0.0
VIPM	Ingram Point	77.44	36	P	P	06 48 11.7 0.0
318A	Bisbee	77.46	52	P	P	06 48 11.9 -0.2
NLWA	Neilton Lookou	77.52	32	eP	P	06 48 12.3 +0.2
Y16A	Circle Bar Ran	77.52	49	P	P	06 48 12.4 -0.1
U14A	Mt Trumbull	77.58	46	↑P	P	06 48 13.1 +0.4
W15A	Williams	77.59	48	↑P	P	06 48 13.6 +0.8
218A	Dragon	77.67	51	P	P	06 48 13.2 -0.1
S13A	Holt Ranch, En	77.71	45	↓P	P	06 48 13.4 0.0
X16A	Lo Mia Camp, P	77.81	49	P	P	06 48 14.2 +0.2
107A	Izee	77.81	37	↓P	P	06 48 13.8 -0.1
G06A	Carlson Farm,	77.87	35	P	P	06 48 13.9 -0.2
OSD	Olympic-Snow	77.88	32	P	P	06 48 14.7 +0.6
Y17A	Roosevelt	77.89	50	↓P	P	06 48 14.6 0.0
R13A	O'Grain Ranch,	77.95	44	↑P	P	06 48 15.0 +0.3
319A	Douglas	77.97	52	↑P	P	06 48 15.1 0.0
T14A	Hurricane	77.97	46	↑P	P	06 48 15.1 +0.2
Z17A	San Carlos Hig	77.98	50	↑P	P	06 48 15.9 +0.9
V15A	Kaibab Nationa	77.98	47	P	P	06 48 15.2 +0.3
JB08	Circle Bar Ran	77.99	38	P	P	06 48 15.0 +0.2
C02A	Cedar City	78.03	45	eP	P	06 48 15.3 +0.1
118A	Hornack Ranch,	78.04	51	P	P	06 48 15.4 +0.1
W16A	Flagstaff	78.08	48	↓P	P	06 48 15.8 +0.3
HDW	Hoodsport	78.10	32	P	P	06 48 15.7 +0.4
ARUT	Antelope Range	78.11	45	eP	P	06 48 15.5 -0.1
ARUT					eP	06 48 25.3 +0.5
ARUT					PP	06 51 08.9 -5.1
ARUT	Antelope Range	78.11	45	eP	P	06 48 15.5 -0.1
ARUT					e	06 48 25.3
ARUT					e	06 51 08.9
ARUT					pmx	pmx
GNW	Green Mountain	78.16	33	eP	P	06 48 15.6 -0.1
LOH	Longmire	78.18	34	eP	P	06 48 15.4 -0.4
LOH	Longmire	78.18	34	eP	P	06 48 15.4 -0.4
LOH					pmx	pmx
U15A	North Rim	78.20	46	P	P	06 48 16.5 +0.4
RSO	Redoubt South	78.23	11	eP	P	06 48 15.6 -0.1
X17A	Forest Lakes	78.23	49	P	P	06 48 16.7 +0.3
219A	White Tail Can	78.27	52	↓P	P	06 48 16.7 0.0
S14A	Cedar City	78.28	45	↑P	P	06 48 16.9 +0.4
WPW	White Pass	78.29	34	P	P	06 48 16.2 -0.2
D05A	Enumclaw	78.36	33	↓P	P	06 48 17.6 +0.8
SVW2	Sparrevohn	78.37	9	eP	P	06 48 15.8 -0.7
T15A	Red Dirt Ranch	78.44	46	↓P	P	06 48 17.7 +0.3
SEW	Seward	78.53	12	eP	P	06 48 17.0 -0.3
Y18A	Canyon Day Jun	78.53	50	↓P	P	06 48 18.4 +0.4
320A	Kipp Ranch, A	78.53	53	↑P	P	06 48 18.6 +0.5
119A	Ashpeak Ranch,	78.59	51	↓P	P	06 48 19.1 +0.7
RMW	Rattlesnake Mo	78.63	33	P	P	06 48 18.2 0.0
RMW	Rattlesnake Mo	78.63	33	P	P	06 48 18.2 0.0
W17A	Winslow	78.66	48	↓P	P	06 48 19.4 +0.8
SLKM	Skilak Lake	78.74	12	eP	P	06 48 18.2 -0.4
SLKM	Skilak Lake	78.74	12	eP	P	06 48 18.2 -0.4
S15A	Panguitch	78.78	45	↓P	P	06 48 20.9 +1.4
220A	Playas Peak, P	78.78	52	↑P	P	06 48 20.3 +0.8
BBB	Bella Bella	78.79	27	P	P	06 48 18.0 -1.0
Q14A	Sevier Lake (B	78.84	44	↑P	P	06 48 19.6 0.0
G08A	Pilot Rock	78.85	36	↓P	P	06 48 19.4 -0.1
V17A	Tonalea, Kykot	78.86	48	↑P	P	06 48 20.0 +0.2
U16A	Tuba City	78.88	47	P	P	06 48 20.1 +0.2
X18A	Snowflake	78.94	49	↑P	P	06 48 20.3 +0.1
120A	U Bar Ranch, L	79.00	51	↓P	P	06 48 21.3 +0.7
T16A	Glen Canyon Da	79.03	46	↑P	P	06 48 21.4 +0.7
JCW	Jim Creek	79.03	33	eP	P	06 48 20.4 0.0
R15A	Junction	79.11	45	P	P	06 48 22.1 +1.0

E07A	Sunnyside	79.11	35	P	P	06 48 21.1 +0.2
RSW	Rattlesnake Hi	79.16	35	eP	P	06 48 21.4 +0.2
Y19A	Nutcracker	79.18	50	↑P	P	06 48 22.3 +0.6
HAWA	Hanford	79.19	35	eP	P	06 48 20.6 -0.7
CRAQ	Craig	79.23	22	eP	P	06 48 21.1 -0.2
MDJ	Mudanjiang	79.28	32	P	P	06 48 24.8 +2.9
MDJ					pP	06 48 43.4 -9.2
MDJ					sP	06 48 51.8 -14
MDJ					PP	06 51 28.3 +4.8
MDJ					S	06 58 17.1 +4.9
MDJ					pmx	pmx
MDJ					pmx	pmx
Z20A	Nine Sixteen R	79.28	51	↑P	P	06 48 22.7 +0.5
P14A	Drum Mountains	79.29	43	↑P	P	06 48 22.0 0.0
S16A	Weppner Ranch,	79.33	46	P	P	06 48 22.2 -0.1
MSU	Marysvalle	79.33	45	eP	P	06 48 21.6 -0.7
MSU	Marysvalle	79.33	45	eP	P	06 48 21.6 -0.7
X19A	St. Johns	79.38	49	↓P	P	06 48 23.1 +0.5
W18A	Petrified Fore	79.38	49	↓P	P	06 48 23.1 +0.5
Z21A	Mesquite Ranch	79.40	52	↑P	P	06 48 23.5 +0.6
117A	Shonto	79.43	47	↑P	P	06 48 23.8 +0.9
ETW	Entiat	79.50	34	P	P	06 48 22.7 -0.3
V18A	Ganado	79.52	48	↓P	P	06 48 24.2 +0.8
T17A	Navajo Res., N	79.52	47	↓P	P	06 48 24.0 +0.6
LNOR	Linnton Mounta	79.58	36	eP	P	06 48 22.7 -0.7
LNOR	Linnton Mounta	79.58	36	eP	P	06 48 22.7 -0.7
MFID	Canas Ranch,	79.60	39	P	P	06 48 23.5 -0.1
W19A	Sanders	79.62	49	↓P	P	06 48 24.3 +0.3
121A	Cookes Peak, D	79.63	52	P	P	06 48 24.3 +0.2
R16A	Teasdale	79.65	45	P	P	06 48 24.8 +0.5
DUG	Dugway	79.77	43	P	P	06 48 24.6 0.0
DUG	Dugway	79.77	43	P	P	06 48 24.6 0.0
DUG					pmx	pmx
DUG					pmx	pmx
P15A	Leamington	79.80	44	↑P	P	06 48 25.0 +0.2
Y20A	Horse Springs,	79.81	50	P	P	06 48 25.4 +0.4
S17A	Black Ridge (B	79.83	46	↓P	P	06 48 25.1 0.0
U18A	Rough Rock, Ch	79.90	47	↓P	P	06 48 25.9 +0.5
D08A	William Farm,	79.93	35	↑P	P	06 48 25.5 +0.2
PMR	Palmer	79.95	12	eP	P	06 48 24.5 -0.6
PMR					pmx	pmx
X20A	Quemado	80.01	50	↓P	P	06 48 26.6 +0.6
E09A	Wood Farm, Sta	80.03	35	P	P	06 48 25.4 -0.5
TTA	Tatalina	80.06	8	eP	P	06 48 25.9 +0.2
TTA	Tatalina	80.06	8	eP	P	06 48 25.9 +0.2
Z21A	St. Cloud Mine	80.06	51	P	P	06 48 27.0 +0.6
V19A	Window Rock	80.15	48	↑P	P	06 48 27.2 +0.4
NJ2	Nanjing	80.18	307	eP	P	06 48 27.8 +0.8
NJ2					pmx	pmx
I12A	Atlanta	80.23	39	↑P	P	06 48 27.0 0.0
F10A	Beach Ranch, E	80.23	36	P	P	06 48 26.4 -0.6
T18A	Mexican Hat	80.24	47	↑P	P	06 48 27.5 +0.2
OD2	Odesa Site #2	80.24	35	P	P	06 48 27.6 -0.3
W20A	Ramah	80.28	49	P	P	06 48 27.9 +0.4
R17A	Hanksville Air	80.28	45	↑P	P	06 48 27.3 -0.1
122A	Conniff Cattle	80.30	52	↑P	P	06 48 28.5 +0.9
SML	Sawmill	80.31	12	eP	P	06 48 26.7 -0.3
SML	Sawmill	80.31	12	eP	P	06 48 26.7 -0.3
SML					pmx	pmx
U19A	Dine' College,	80.31	48	P	P	06 48 27.7 +0.1
Y21A	Point of Rocks	80.37	50	↓P	P	06 48 29.0 +1.0
TMUT	Trail Mountain	80.38	44	eP	P	06 48 28.8 +0.9
S18A	Hurst Farm, Bl	80.42	46	↑P	P	06 48 28.4 +0.2
L14A	Malta	80.45	41	P	P	06 48 28.3 0.0
MPU	Maple Canyon	80.45	44	eP	P	06 48 28.6 +0.2
X21A	Alamocita Cree	80.49	50	P	P	06 48 29.4 +0.8
B08A	Bloomington	80.49	33	↓P	P	06 48 27.1 -1.2
HL1D	Hailey	80.54	39	↑P	P	06 48 28.6 -0.1
HL1D	Hailey	80.54	39	↑P	P	06 48 28.6 -0.1
Z22A	Elephant Butte	80.57	51	P	P	06 48 29.1 +0.1
V13A	Cove Ranch, Pi	8				



Table with columns: Call sign, Name, Frequency, Power, Direction, and other parameters. Includes stations like B23A Brockton, INK Inuvik, HHC Hu-ho-hao-te, etc.

Table with columns: Call sign, Name, Frequency, Power, Direction, and other parameters. Includes stations like KMB0 Kilima Mbogo, KMB0 Kibira Mbogo, KMB0 Bochum-Ubivo, etc.

Table with columns: Call sign, Name, Frequency, Power, Direction, and other parameters. Includes stations like MOF Molkenrain, HINF Hinterfeld, HNTA Hinterfeld, etc.

21d 7h

Table with columns: KAKA, Kakadu, 12.47 225 ePn, Pn, 07 08 39.4 -1.9, etc. Lists various locations and their associated data points.

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Table with columns: GYA, sp, sP, 07 14 37.9 +6.2, etc. Lists various locations and their associated data points.

926

Table with columns: TLY, TLY, comp=Z,12nm,0.8s,mb4.8, etc. Lists various locations and their associated data points.





THE 21 07:41:07.5, 38.07N, 23.24E, h26km, 3km, ML2.2/2, Error ellipse: s-maj=4.1km s-min=1.0km az=22.0

ISC 21 07:41:07.1-0.5, 38.06N, 0.03, 23.23E, 0.04, h29km, 4km, n31, c0563/49, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Loutraki, Athens Observa, Voula, Athens, etc.

NIED 21 07:44:00, 32.30N, 132.20E, h20km, Mw3.7 Best double couple: M=4.45000x1014 NP1=3.1700000, delta 7.900000, 1.8700000, NP2=2.1100000, delta 11.00000, 1.10400000

JMA 21 07:44:27.0-0.1, 32.227N, 132.16E, h17km, 2.5km, M3.9, 2C-5D, Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Tsuno, Kitakata, Tosashimizu, etc.

ISCJB 21 07:45:21.5-0.7, 20.69S, 0.07, 178.39W, 0.06, h556km, 8km, mb4.3/61, Error ellipse: s-maj=12.0km s-min=7.1km az=146.0

NEIC 21 07:45:21.7-0.7, 20.58S, 178.31W, h546km, 8km, mb4.4/42, Error ellipse: s-maj=12.1km s-min=6.2km az=143.0

SZGRF 21 07:45:21.3, 20.61S, 177.10W, h33km, Fiji Islands region IDC 21 07:45:21.2, 20.46S, 178.37W, h570km, 28km, mb3.7/12, mb 1.3, 9/12, mb 1mx3.0/17, mbtmp3.7/12, Error ellipse: s-maj=19.9km s-min=10.6km az=152.0

ISC 21 07:45:22.5-0.8, 20.58S, 0.09, 178.39W, 0.06, h553km, 8km, n360, c0552/22, mb4.3/61, 119C-86D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Nonsava, Afiamalu, Afu, URZ, ARMA, CTAO, STKA, ASAR, ARS, WB2, WRA, WRA, POHA, QSPA, MJAR, PETK, KRSR, SAO, ARVC, MURC, KHMM, MONP, EDW2, NJ2, ISA, CMB, OHCM.

Table with columns: WDC, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Whiskeytown Da, Sam W. Stewart, Laurel Mountain, Cottonwood Cre, Mudanjiang, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Tuba City, U Bar Ranch, Glen Canyon Da, Sunnyside, Palmer, Rattlesnake Hi, Hanford, Nutrioso, Nine Sixteen R, Mesquite Ranch, Entiat, Navajo Res., Cookes Peak, D, Camas Ranch, Horse Springs, Black Ridge, Wolfman Farm, Rough Rock, Ch, Quemado, Wood Farm, Sta, St. Cloud Mine, Odessa Site #2, Beach Ranch, Atlanta, Mexican Hat, Ramah, Hanksville Air, Gutyang, Dine' College, Point of Rocks, Colville Reser, Elephant Butte, Thorafore Moun, Hailey, Hailey, Cove Ranch, Pi, Chrisman Ranch, San Rafael, Butcher Ranch, Diamond D Ranc, Moseley Ranch, Socorro, Canyonlands Na, Big Creek, Yel, Wildhorse Cree, Indio Mountain, Carrizo, Cornudas Mount, Rafter H Ranch, McKinley, Harvey Farm, Big Bend Ranch, Robinson Place, Challis, Bean Ranch, Si, Curley Farm, L, Elk City, Mary Lane Ranch, Lajitas Array, Mackay, Beaver Dam Sad, Gagezi, Cobalt, Lovelace Mesa, Terlingua Ranc, McDonald Obser, Deer Hill, Car, Disappointment, Albuquerque, Blackfoot, Woodward Ranch, Leadore, Redvale, Darby, Tepee Creek, Capitan, Montview, Gardner Draw, Black Gap, Mar.





Table with columns: MORF, Mantelete, 0.83, 60, eP, Pg, 10 12 54.0 +2.6, ECAB, EI Cabril, 0.2nm,0.0s,SNR=7.9, 3.49, 69, P, Pn, 10 13 29.8 0.0, PRGZ, Paritu Road, 5.31, 194, PN, Pn, 10 18 39.2 -1.2

Table with columns: ECAB, EI Cabril, 0.2nm,0.0s,SNR=7.9, 3.49, 69, P, Pn, 10 13 29.8 0.0, ECAB, 6.0nm,0.4s,SNR=7.9, 3.49, 69, P, Pn, 10 13 29.8 0.0, ECAB, 6.0nm,0.0s,SNR=7.9, 3.49, 69, P, Pn, 10 14 10.5 -0.6

Table with columns: PRGZ, Paritu Road, 5.31, 194, PN, Pn, 10 18 39.2 -1.2, PRRZ, Plateau Road, 5.35, 207, PN, Pn, 10 18 42.2 +1.4, ALRZ, Allen Road, 5.42, 207, PN, Pn, 10 18 43.0 +1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, FITZ, Fitzroy Crossi, 10.57, 205, Op, ISC, h, m, s, ISC, 10 47 34.3 +0.9

Table with columns: NEIC 21 10:54:49.7, 17.91N; 101.38W, h13km, MD4.0 (MEX), After, MEX 21 10:54:49.7, 17.91N; 101.38W, h12km; 15km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BAKI, Biak, 1.37, 307, Op, ISC, h, m, s, ISC, 11 50.9 -0.2, TLE, Tual, 5.71, 231, P, Pn, 11 16 55.0 +4.2







Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for Hayter Ranch, LZH Lanzhou, PDAR Pinedale Array, etc.

IDC 21 12:39:36.8,0.8,45.725:72.50W,h0km,mb4.1/8, mb1 4.3/9,mb1mx4.1/18,mbtmp4.1/9,ML3.3/1,MS3.7/4, Ms1 3.7/4,ms1mx3.1/19,Error ellipse: s-maj=36.6km s-min=17.8km az=92.0,Southern Chile

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for PLCA Paso Flores, USHA Ushuaia, CFAA Coronel Fontan, etc.

IDC 21 12:47:55.8,0.7,3.09S:139.03E,h0km,mb4.4/12, mb1 4.6/14,mb1mx4.6/15,mbtmp4.5/14,ML4.8/2,MS4.0/14, Ms1 4.0/14,ms1mx3.8/22,Error ellipse: s-maj=26.5km s-min=14.2km az=91.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for BAKI Biak, MMPI Merauke, TLE Tual, etc.

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for KAKA Kakadu, LBMI Labuha, NLAI Namlea, KNA Kununurra, LUWI Luwili, WRA Warramunga Arr, etc.

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for HHC Hahona, KLR Kuldur, PETK Petropavlovsk, etc.



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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SWA2, SWA2, SWA2, etc.

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

21d 16h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NVAR Mina Array, CN2 Changchun, BJL Beijing, PSI Prapara, MAW Mawson, ENH Enshi, HLID Hailey, GYA Guiyang, ILAR Eielson Array, TXAR Lajitas Arr, TXAR Hu-ho-hao-te, HHC Syowa Base, SYO Syowa Base, LZH Lanzhou, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, MK31 Makanchi Array, MKAR Makanchi Array, ABKAR Akbulak array, FINES FINESS Array B, FINES FINESS Array B, AKASG Malin Arr, BR131 Keskin Array S, BRTR Keskin Array S, GERES GERES Array B, GIVF Givet, BAIF Baives, CLF La Foliniere, FDN Champ du Feu, SFTF Sextontaines.

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

ADC 21 16:44:04.9, 1.6, 34.84N, 137.61E, h0km, mb3.3/2, mb1 3.3/3, mb1mx3.2/26, mbtmsp3.4/3, ML3.7/1, Error ellipse: s-maj=53.8km s-min=24.5km az=98.0
ISCJB 21 16:44:06.8, 0.6, 35.55N, 0.04, 140.07E, h0, h60km, 5km, mb3.4/2, Error ellipse: s-maj=8.5km s-min=5.1km az=145.1
JMA 21 16:44:07.8, 0.2, 35.62N, 140.05E, h69km, 2km, M3.2, JMA Felt J1
ISC 21 16:44:07.7, 0.6, 35.55N, 0.04, 140.07E, h74km, 5km, n17, o566/29, mb3.4/2, 2C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCN Nagara, TOK Tokyo, BS03 Boko, BS03 Odawara 2, JOD2 Oshima 3, JIM2 Ashikaga, JRY Ryogami san, BS01 Boso 1, BS01 Shimob, JYZS Izu Shimoda, JYZS Katsushina, JKT Matsushiro Arr, JKT Matsushiro, MAT Hachijo jima 2, JHJ Hachijo jima 2, CBIJ Chichi jima, WRA Warramunga Arr, ASAR Alice Springs.

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ADC 21 16:46:52.2, 1.9, 4.01N, 124.92E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/21, mbtmsp3.4/4, Error ellipse: s-maj=124.6km s-min=24.2km az=68.0, Celebes Sea
Code Station Name Az Az' Phase ID Time Res ISC
WITZ Fitzroy Crossi 21.98 178 P P 16 51 48.0 +0.1
FRA Warramunga Arr 25.53 159 P P 16 52 23.2 +0.4
ASAR Alice Springs 28.86 163 P P 16 52 52.3 -0.4
MKAR Makanchi Array 56.31 319 P P 16 56 34.9 0.0

ADC 21 16:50:49.8, 0.8, 8.50N, 103.66W, h0km, mb3.9/9, mb1 4.3/9, mb1mx4.1/20, mbtmsp3.9/9, MS4.0/18, Ms1 4.0/18, ms1mx3.9/27, Error ellipse: s-maj=52.1km s-min=15.3km az=63.0
ISCJB 21 16:50:52.0, 0.6, 8.62N, 103.07W, h0, h10km, mb4.5/2, MS4.1/19, Error ellipse: s-maj=13.1km s-min=7.4km az=137.1
NEIC 21 16:50:53.0, 0.7, 8.56N, 103.17W, h10km, mb4.6/46, Error ellipse: s-maj=17.7km s-min=10.4km az=53.0
GCMT 21 16:50:55.4, 0.3, 8.46N, 103.67W, h20km, 1km, MW4.9, Moment Tensor Solution. s33, c36; s64, c83; Moment tensor: Scale 10^18Nm; Mr=0.76z15; Mw=1.37z13; Mw=0.62z15; Mw=1.27z25; Mw=2.78z11; Mw0.28z25; Best double couple: M3.20000, 1016 NP1.351.00000, d67.00000, lambda-1.00000. NP2.381.00000, 389.00000, lambda-157.00000. Principal axes: T 3.6600, P1g15.0000, Azm214.0000, N -0.3400, P1g67.0000, Azm33.0000, P 2.7200, P1g16.0000, Azm308.0000; Data Used: II UIU IC G CN
BUJ 21 16:50:55.1, 8.60N, 103.20W, h10km, Mb5.0/2, Ms4.9/2, Ms7.4/3

ISC 21 16:50:54.4, 0.6, 8.62N, 103.07W, h10km, n206, o095/178, mb4.5/2, MS4.1/19, 48C-61D, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG Matias Romero, APG El Apazote, TEIG Tepich, TXAR Lajitas Arr, TXAR Terlingua Ranch, 628A Black Gap, Mar, 626A Big Bend Ranch, 526A Mary Lane Ranch, 527A Woodard Ranch, 528A Cox Ranch, San, 426A McDonald Obser, JCT Junction City, JCT Junction City, 427A Hayler Ranch, 425A Indio Mountain, 325A Bean Ranch, S, 324A Moseley Ranch, MNTX Corudas Mount, 319A Douglas, 224A Corudas Mount, GDL2 Guadalupe Moun, 220A Playas Peak, 219A White Tail Can, 124A Stringfield Ra, 218A Dragon, 217A Green Valley, 212A Cookes Peak, D, 120A U Bar Ranch, L, Z26A Caprock, Z27A Tatum, Z25A Roswell, TUC Tucson, Z23A Rita Site, Whi, 119A Ashpeak Ranch, 118A Hornack Ranch, Z22A Elephant Butte, Z20A Niverville Ranch, Z21A St. Cloud Mine, Y25A Causey, Y25A Mesa, Roswell, Y23A Lovelace Mesa, Y22A Socorro, BNM Barren Site, Y20A Poit of Springs, Y20A Horse Springs, Y18A Canyon Day Jun, LAZ Lador, OTAV Otavalo, Y17A Roosevelt, 113A Mohawk Valley, X23A Hourglass Bar, X21A Alamocita Cree, X20A Green Valley, Z13A Yuma Proving G, ANMO Albuquerque, ANMO Albuquerque, W24A Lazy 8 Ranch.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GLA Glamis, V24A Rampart Ranch, MONP Monument Peak, V25A Rancho No Teng, W16A Flagstaff, U23A El Rito, IRM Iron Mountain, V17A Tonalea, Kykot, BELC Belle Mtn. Jos, U21A Nageezi, T25A Trinidad, T22A Edith, BFSC Mount Baldy Ra, ROSC El Rosal, T18A Mexican Hat, ATAH Atahualpa, S22A 4UR Ranch, Cre, GSC Goldstone, EDW2 Edwards Air Fo, R24A Sanders Place, S18A Hurst Farm, BI, R22A Saguache, Gunn, R20A Redvale, R19A Curley Farm, L, R18A Canyonlands Na, P18C Manual Prospec, Q22A Crested Butte, ISA Isabella, R17A Hanksville Air, SMC0 Snowmass, Q19A Hogan Spring, P23A Jefferson, P22A Eagle, P21A Newcaste, O22A Kremmling, Q14A Sevier Lake (B, O20A White River Ci, O19A Miners Draw (B, SDV Santo Domingo, P14A Drum Mountains, O17A Robinson Place, MPU Maple Canyon, DUG Daniel Canyon, DUG Dugway, NVAR Mina Array Bea, N18A Larsen Ranch, NNA Nana, WAKR Walker, BGU Big Grassy Mou, M17A Scullys Gap (B, L21A Rawlins, HWUT Hardware Ranch, BW06 Boulder Array, PDAR Pinedale Array, J18A Kendall Valley, J17A Brown Place, J, REDW Red Top Meadow, RR12 Red Ridge, I18A Diamond G Ranc, I20A Worland, LOHW Long Hollow, I19A Meteteese, HLID Hailey, HLID Hailey, I14A Mackay, WVOR Wild Horse Val, I13A Wildhorse Cree, R14M Red Lodge, H14A Leadore, KHMM Horse Mountain, MCMT McKenzie Canyo, H13A Challis, G17A Pierce Place, H12A Diamond D Ranc, G16A Moss Hill, Enn, YBH Yreka Blue Hor, G15A Dillon, K05A Summer Lake, DLMT Dillon, G13A Colbal, F17A Fitzpatrick Pl, LRM Littlekin Ridge, F15A Butte.





Table with columns for station name, frequency, power, and other technical details. Includes stations like RAR Rarotonga, ARMA Armidale, CNB Canberra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNI Manado, LUWI Luwuk, KAPI Kapiti, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BFSC Mount Baldy Ra, WES Vestal, EDV Edwards Air Fo, etc.





21d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TKL Tuckaleechee C, WMO WMO, BDFB Brasilia, BOSA Boshof, etc.

ZEI Tsey

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZEI Tsey, VRHR Novokhopersk, ONI Oni, etc.

2008 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIC Lamto, CFR Caraliu, BSD Bornholm Skovb, etc.

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KHC	Kasperske Hory	159.77 333	ePKPab	PKPab	19 10 15.8	-0.6
KHC	Kasperske Hory	159.77 333	ePKIKP	PKPdf	19 09 34.8	-0.5
KHC			e		19 10 15.7	
KHC	Kasperske Hory	159.77 333	ePKPDF	PKPdf	19 09 34.8	-0.5
KHC			x		19 09 34.8	-0.5
KHC			ePKPAB	PKPab	19 10 15.7	-0.7
KHC			ePP	PP	19 13 56.3	-2.7
GECC	GERESS Array S	159.96 333	ePKPdf	PKPdf	19 09 35.1	-0.5
GECC			ePKPab	PKPab	19 10 16.6	-0.6
GECC	GERESS Array S	159.96 333	ePKPab	PKPab	19 09 35.1	-0.5
GERES	GERESS Array B	159.96 333	ePKPab	PKPab	19 09 34.9	-0.7
GERES	comp=Z,21nm,0.8s,baz=98,slow=5.0,SNR=44				19 10 16.0	-1.1
GERES	GERESS Array B	159.96 333	ePKPab	PKPab	19 09 34.9	-0.7
GERES	GERESS Array B	159.96 333	ePKIKP	PKPdf	19 09 34.9	-0.7
GERES					19 10 16.0	-1.1
SKO	Skopje	160.00 307	ePKP	PKPab	19 10 18.1	+0.4
WETZ	Wetzell	160.02 334	ePKPdf	PKPdf	19 09 35.3	-0.3
WETZ			ePKPab	PKPab	19 10 17.3	-0.8
WETZ	Wetzell	160.02 334	ePKIKP	PKPdf	19 09 35.3	-0.3
GRF	Grafenberg Arr	160.12 338	ePKPab	PKPab	19 10 17.6	-0.3
GRF			ePP	PP	19 13 57.5	-3.3
GRF	Grafenberg Arr	160.12 338	ePKP2	PKPab	19 10 17.6	-0.3
GRF			ePKPab	PKPab	19 13 57.5	-3.3
GRUS	Krusevo	160.37 305	ePKP	PKPab	19 10 17.5	-1.8
ARSA	Arzberg	160.40 327	ePKPab	PKPab	19 10 18.3	-0.9
ARSA	comp=Z,18nm,0.7s,SNR=8.2					
TNS	Tanus Mts	160.43 343	ePKPab	PKPab	19 10 18.3	-0.9
TNS	Tanus Mts	160.43 343	ePKP2	PKPab	19 10 18.3	-0.9
EENB	Eben Emael	160.49 317	ePKPab	PKPab	19 10 17.7	-1.5
BIA	Bitola	160.45 304	ePKP	PKPab	19 10 18.2	-1.4
MOA	Molin	160.51 330	ePKPab	PKPab	19 10 18.8	-0.8
MEM	Membach	160.57 348	ePKPab	PKPab	19 10 18.4	-1.4
IVB	Berane	160.59 311	ePKPab	PKPab	19 10 20.9	+0.5
IVB	Berane	160.63 311	ePKPab	PKPab	19 10 20.9	+0.5
PVY	Plav	160.71 310	ePKPab	PKPab	19 10 21.0	+0.2
PVY	Plav	160.71 310	ePKPab	PKPab	19 10 21.1	+0.3
PVY	Pivjevia	160.72 313	ePKPab	PKPab	19 10 21.2	+0.4
PLF	Pivjevia	160.72 313	ePKPab	PKPab	19 10 21.3	+0.5
PLE	Pivjevia	160.72 313	ePKP2	PKPab	19 10 21.0	+0.5
BCLA	Clavier	160.87 349	ePKPab	PKPab	19 10 19.5	-1.5
SNF	Senefse	160.93 351	ePKPab	PKPab	19 10 20.0	-1.3
SOKA	Soboth	161.05 326	ePKPab	PKPab	19 10 20.9	-1.2
SOKA	comp=Z,29nm,1.2s					
UPM	Unac-Piva	161.09 313	ePKPab	PKPab	19 10 22.5	+0.1
UPM	Unac-Piva	161.09 313	ePKPab	PKPab	19 10 22.5	+0.1
NKY	Niksic	161.24 312	ePKPab	PKPab	19 10 20.7	-2.3
NKY	Niksic	161.24 312	ePKPab	PKPab	19 10 20.7	-2.3
NKY	Niksic	161.24 312	ePKP2	PKPab	19 10 20.7	-2.3
GIW	Givet	161.25 350	ePKPab	PKPdf	19 09 36.3	-0.6
GIW	Givet	161.25 350	ePKPab	PKPdf	19 09 36.3	-0.6
TTG	Podgorica	161.25 310	ePKPab	PKPab	19 10 20.7	-2.4
TTG	Podgorica	161.25 310	ePKPab	PKPab	19 10 20.8	-2.4
TTG	Podgorica	161.25 310	ePKP2	PKPab	19 10 20.8	-2.3
DOU	Dourbes	161.29 351	ePKPab	PKPab	19 10 21.1	-1.8
BAIF	Baives	161.38 351	ePKPab	PKPdf	19 09 36.2	-0.8
BAIF	Baives	161.38 351	ePKIKP	PKPdf	19 09 36.2	-0.8
FUR	Furstenfeldbru	161.42 336	ePKPab	PKPab	19 10 23.5	-0.1
FUR	Furstenfeldbru	161.42 336	ePKP2	PKPab	19 10 23.5	-0.1
WLF	Walfardenge	161.45 347	ePKPab	PKPab	19 10 22.7	-0.9
WLF	Walfardenge	161.45 347	ePKPab	PKPab	19 10 22.9	-0.7
TORD	Tordi a Bea	161.47 185	ePKPab	PKPdf	19 09 38.4	+0.2
TORD	comp=Z,2.6nm,0.8s,baz=177,slow=0.7,SNR=4.8					
TORD			ePKPab	PKPab	19 10 25.3	+0.8
BRY	Bratogost	161.48 312	ePKPab	PKPab	19 10 24.0	-0.1
BRY	Bratogost	161.48 312	ePKPab	PKPab	19 10 24.0	-0.1
BRY	Bratogost	161.48 312	ePKP2	PKPab	19 10 24.0	-0.1
ULC	Ulcinj	161.48 309	ePKPab	PKPab	19 10 23.7	-0.5
ULC	Ulcinj	161.48 309	ePKPab	PKPab	19 10 23.7	-0.4
ULC	Ulcinj	161.48 309	ePKP2	PKPab	19 10 23.7	-0.5
BUM	Brajič-Budva	161.55 310	ePKPab	PKPab	19 10 23.3	-1.1
BUM	Brajič-Budva	161.55 310	ePKPab	PKPab	19 10 23.3	-1.1
MYKA	Terra Mystica	161.72 329	ePKPab	PKPab	19 10 23.0	-1.9
MYKA	comp=Z,26nm,0.8s					
LANF	Langenberg	161.74 343	ePKP	PKPab	19 10 23.7	-1.2
HCF	Herceg Novi	161.74 311	ePKPab	PKPab	19 10 24.5	-0.8
HCF	Herceg Novi	161.74 311	ePKPab	PKPab	19 10 24.5	-0.8
HCF	Herceg Novi	161.74 311	ePKP2	PKPab	19 10 24.5	-0.8
WATA	Walderalam	162.01 334	ePKPab	PKPab	19 10 25.3	-0.9
STON	Ston	162.02 313	ePKPab	PKPab	19 10 24.9	-1.6
WTTA	Wattenberg	162.05 333	ePKPab	PKPab	19 10 25.5	-0.9
WTTA	comp=Z,44nm,1.3s					
MOTA	Moosalm	162.18 334	ePKPab	PKPab	19 10 26.4	-0.5
MOTA	comp=Z,47nm,0.8s,SNR=21					
RETA	Reuthe	162.18 335	ePKPab	PKPab	19 10 26.4	-0.5
RETA	comp=Z,66nm,1.0s,SNR=18					
BFO	Black Forest	162.20 341	ePKPab	PKPab	19 10 26.1	-0.9
BFO	Black Forest	162.20 341	ePKP2	PKPab	19 10 26.1	-0.9
FETA	Feichten	162.59 335	ePKPab	PKPab	19 10 27.9	-0.9
FETA	comp=Z,53nm,1.0s,SNR=25					
ECH	Echery	162.61 344	ePKPab	PKPab	19 10 27.3	-1.5
DAVA	Damuless	162.66 337	ePKPab	PKPab	19 10 28.2	-0.8
MEZF	Maizieres Jvi	162.77 348	ePKIKP	PKPdf	19 09 38.0	-0.5
MEZF	comp=Z,72nm,0.9s,SNR=19					
THEF	They Montfort	162.86 346	ePKPab	PKPab	19 10 28.4	-1.4
FLN	La Foliniere	162.95 341	ePKIKP	PKPdf	19 09 38.0	-0.7
FLN	La Foliniere	162.95 341	ePKIKP	PKPdf	19 09 38.0	-0.7
FLN	La Foliniere	162.95 341	ePKPab	PKPab	19 10 29.1	-1.2
MAU	Maudompre	162.99 345	ePKIKP	PKPdf	19 09 37.7	-1.0
HAU	Haudompre	162.99 345	ePKIKP	PKPdf	19 09 37.7	-1.0
HNF	Hinterfald	163.05 344	ePKIKP	PKPdf	19 09 37.5	-1.3
HNF	Hinterfald	163.05 344	ePKIKP	PKPdf	19 09 37.5	-1.3
HNF	Sextofines	163.06 348	ePKIKP	PKPdf	19 09 38.2	-0.6
HNF	comp=Z,87nm,1.5s					
DAVOX	Davos/Dischmat	163.10 336	ePKPab	PKPdf	19 09 39.8	+0.9
DAVOX	comp=Z,1.8nm,0.7s,baz=53,slow=4.2,SNR=3.1					
DAVOX	Davos/Dischmat	163.10 336	ePKPab	PKPab	19 09 39.8	+0.9
DAVOX	Davos/Dischmat	163.10 336	ePKPab	PKPab	19 09 39.8	+0.9
DAVOX	Davos/Dischmat	163.10 336	ePKIKP	PKPdf	19 09 39.8	+0.9
DAVOX					19 10 30.5	-0.5
LOMO	Lomont	163.49 343	ePKPab	PKPab	19 09 41.1	-1.0
QUIF	Quistinich	163.63 7	ePKIKP	PKPdf	19 09 38.7	-0.6
QUIF	Quistinich	163.63 7	ePKIKP	PKPdf	19 09 38.7	-0.6
QUIF	Quistinich	163.63 7	ePKIKP	PKPdf	19 09 38.7	-0.6
LOR	Lormes	164.16 350	ePKIKP	PKPdf	19 09 39.2	-0.6
LOR	Lormes	164.16 350	ePKIKP	PKPdf	19 09 39.2	-0.6
CABF	La Chapelle	164.36 344	ePKIKP	PKPdf	19 09 38.2	-1.8
CABF	comp=Z,32nm,1.2s					
CABF	La Chapelle	164.36 344	ePKIKP	PKPdf	19 09 38.2	-1.8
SSF	Saint Saugel	164.41 351	ePKIKP	PKPdf	19 09 39.3	-0.8
SSF	comp=Z,42nm,1.5s					
SSF	Saint Saugel	164.41 351	ePKIKP	PKPdf	19 09 39.3	-0.8
AVF	Avril sur Loir	164.69 351	ePKIKP	PKPdf	19 09 39.4	-0.9
AVF	comp=Z,19nm,1.4s					
SMF	Signal de Mont	164.77 350	ePKIKP	PKPdf	19 09 39.8	-0.6
SMF	Signal de Mont	164.77 350	ePKIKP	PKPdf	19 09 39.8	-0.6
BGF	Bois d'Agland	164.99 352	ePKIKP	PKPdf	19 09 40.2	-0.4
BGF	Bois d'Agland	164.99 352	ePKIKP	PKPdf	19 09 40.2	-0.4
RSL	Roselend	165.09 341	ePKPab	PKPab	19 10 39.1	-0.7
MFF	Saint Martin d	165.11 0	ePKIKP	PKPdf	19 09 40.2	-0.5
MFF	Saint Martin d	165.11 0	ePKIKP	PKPdf	19 09 40.2	-0.5
AGO	Saint Agoulin	165.45 351	ePKPab	PKPab	19 10 40.9	-0.4
PLDF	La Plantade	165.46 350	ePKPab	PKPab	19 10 41.3	-0.1
PYM	Petit Puy Mans	165.76 351	ePKPab	PKPab	19 10 42.1	-0.6
OG22	Abries	165.79 339	ePKPab	PKPab	19 10 42.1	-0.8
MBDF	Montbardon	165.93 340	ePKIKP	PKPdf	19 09 41.1	-0.3
MBDF	Montbardon	165.93 340	ePKIKP	PKPdf	19 09 41.1	-0.3
SSB	Saint Sauveur	165.97 346	ePKPab	PKPab	19 10 42.6	-1.0
ORIF	Oris-en-Rattie	166.00 342	ePKIKP	PKPdf	19 09 41.0	-0.5
ORIF	Oris-en-Rattie	166.00 342	ePKIKP	PKPdf	19 09 41.0	-0.5
FRNF	Fournols	166.18 352	ePKPab	PKPab	19 10 43.5	-1.1
LBI	Lobilize	166.33 350	ePKPab	PKPab	19 10 43.5	-1.1
SAOF	Saorge	166.34 336	ePKPab	PKPab	19 10 43.9	-1.4
VIVF	Saint-Julien-l	166.34 346	ePKIKP	PKPdf	19 09 41.3	-0.4
VIVF	Saint-Julien-l	166.34 346	ePKIKP	PKPdf	19 09 41.3	-0.4
RJF	Les Rejaudoux	166.35 355	ePKIKP	PKPdf	19 09 40.0	-1.7
RJF	Les Rejaudoux	166.35 355	ePKIKP	PKPdf	19 09 40.0	-1.7
TOUNF	Mont Tourneur	166.42 337	ePKPab	PKPab	19 10 44.8	-0.9
OG25	Le Caire	166.46 341	ePKPab	PKPab	19 10 45.2	-0.6
OG25	Le Caire	166.46 341	ePKPab	PKPab	19 10 45.2	-0.6
OG26	St.-Nazaire-De	166.46 343	ePKPab	PKPab	19 10 45.5	-0.4
LUCF	Luceram	166.49 336	ePKPab	PKPab	19 10 44.9	-1.1

MVIF	Mont Vial	166.55 337	ePKP	PKPab	19 10 45.3	-1.0
CAF	Calviac	166.68 353	ePKIKP	PKPdf	19 09 40.4	-1.6
CAF	comp=Z,18nm,1.2s					
CAF	Calviac	166.68 353	ePKIKP	PKPdf	19 09 40.4	-1.6
LFF	La Frestale	167.26 357	ePKIKP	PKPdf	19 09 41.6	-0.4
CRN	Calern	167.67 337	ePKP	PKPab	19 10 46.2	-1.0
ALL	La Foret Royal	167.02 338	ePKIKP	PKPdf	19 09 41.3	-1.0
ALL	comp=Z,16nm,1.2s					
LFF	La Foret Royal	167.02 338	ePKIKP	PKPdf	19 09 41.3	-1.0
FRF	Site Croix	167.26 347	ePKIKP	PKPdf	19 09 42.2	-0.2
LMR	La Moure	167.26 338	ePKIKP	PKPdf	19 09 42.2	-0.3
LMR	La Moure	167.26 338	ePKIKP	PKPdf	19 09 42.2	-0.3
SJPF	Ste Jean	168.57 4	ePKIKP	PKPdf	19 09 41.6	-1.8
SJPF	comp=Z,66nm,1.5s					
PBRG	Braganca	168.59 26	ePKPab	PKPab	19 10 54.0	-1.4
PVRL	Vila Real	168.64 31	ePKPdf	PKPab	19 10 54.1	-1.5
PVRL	Vila Real	168.64 31	ePKPab	PKPab	19 10 54.1	-1.5
EPF	Esparros	168.68 358	ePKIKP	PKPdf	19 09 42.0	-1.4
EPF	Esparros	168.68 358	ePKIKP	PKPdf	19 09 42.0	-1.4
ETSF	Etsaut	168.81 2	ePKIKP	PKPdf	19 09 42.7	-0.8
ETSF	comp=Z,24nm,1.4s					
ETSF	Etsaut	168.81 2	ePKIKP	PKPdf	19 09 42.7	-0.8
PVIS	Viseu	169.01 33	ePKPab	PKPab	19 10 55.5	-1.8
PVIS						

21d 19h

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like KNA Kununurra, NLAI Namlea, TNTI Terna, etc.

2008 SEP

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like 118A Homack Ranch, U15A North Rim, Z18A Geromino, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like 225A Deer Hill, V22A San Miguel Ran, T21A Navajo Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guiyang, Mawson, Xi'an, etc.

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

TAP 21 19:23:46.8, 21.67N, 122.58E, h28km, 1km, ML3.9, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Honiara, Lan-yu, Hengchuen, etc.

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

MEX 21 19:35:30.6, 0.5, 14.03N, 92.70W, h55km, 17km, MD4.0, New coast of Chiapas

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

IDC 21 19:42:55.9, 5.9, 10.45S, 161.59E, h69km, 43km, mb3.3/6, mb1 3.5/6, mb1mx3.4/18, mbtmz3.6/5, Error ellipse: s-maj=45.5km s-min=24.6km az=117.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Honiara, Warramunga, Alice Springs, etc.

IDC 21 19:48:37.9, 1.6, 2.93N, 127.11E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.6/20, mbtmz3.8/5, Error ellipse: s-maj=94.1km s-min=22.3km az=68.0

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

IDC 21 19:48:42.4, 2.5, 3.6N, 102.126E, 0.1, h132km, 15km, n11, 0.97N/14, mb3.7/5, Talau Islands

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

IDC 21 20:13:09.5, 5.5, 4.92S, 101.46E, h0km, mb3.8/3, mb1 3.8/3, mb1mx3.5/20, mbtmz3.8/3, Error ellipse: s-maj=197.4km s-min=80.3km az=54.0

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

IDC 21 20:13:58.4, 8.1S, 101.95E, h82km, MLV3.7/4, n13, 0.948/14, mb3.9/3, Southern Sumatera

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

MAN 21 20:38:07.6, 97N, 125.61E, h20km, mb3.9, ML2.6, MS2.3, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Davao City, Mati, Musuan, etc.

IDC 21 20:38:52.1, 4.8, 2.51N, 109.91W, h0km, mb3.3/1, mb1 3.7/3, mb1mx3.5/24, mbtmz3.5/24, MS3.1/3, MS1 3.1/3, ms1mx2.7/18, Error ellipse: s-maj=69.6km s-min=23.5km az=164.0, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lajitas, Zalesovo, Matias Romero, etc.

Table with columns: PDAR, Pinedale Array, 17.56 360 P, Pn, 20 42 59.2 +1.0, etc.

IDC 21 20:51:49.5:8.3, 17.27S:178.47W, h576km, 81km, mb3.3/7, mb1 3.5/7, mb1mx3.2/18, mbmtpp3.3/7, Error ellipse: s-maj=67.7km s-min=29.6km az=115.0, ISCJB 21 20:51:52.7:2.8, 17.2S:0.5:178.6W:0.5, h620km, 15km, mb3.0/7, Error ellipse: s-maj=100.6km s-min=29.1km az=42.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Nonsavu, Stephens Creek, Warramunga Arr, etc.

CASC 21 21:45:54.3:4.8, 6:85N:78.96W, h36km, 999km, MD4.6, mb4.0(NEIC) IDC 21 21:45:58.0:6.7, 7:01N:79.99W, h0km, mb4.1/15, Ms1 3.7/17, ms1mx3.6/34, Error ellipse: s-maj=27.4km s-min=12.5km az=58.0, ISCJB 21 21:46:00.6:1.6, 7:18N:0.04:79.53W:0.04, h9km, 10km, mb4.3/44, MS3.8/14, Error ellipse: s-maj=6.8km s-min=5.1km az=40.7

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

NEIC 21 21:46:06.0:6.7, 7:28N:79.50W, h36km, 6km, mb4.4/28, Error ellipse: s-maj=8.1km s-min=5.4km az=222.0, ISC 21 21:46:01.9:1.9, 7:22N:0.04:79.53W:0.03, h2km, 12km, n88, r1918/85, mb4.3/44, MS3.8/14, 2C-1D, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like JuntasAbangare, JCR, JTS, etc.

Table with columns: CFAA, Coronel Fontan, 40.08 165 P, P, 21 53 35.7 -3.1, etc.

IDC 21 21:48:15.0:0.4, 15:97N:0.05:94.26W:0.03, h69km, 11km, Error ellipse: s-maj=9.0km s-min=3.7km az=15.8, CASC 21 21:48:15.9:1.2, 16:22N:94.17W, h35km, 999km, MD4.1, mb3.0(NEIC)

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Red Top Meadow, Long Hollow, Tetan Pass, etc.

MEX 21 21:48:16.9:0.6, 15:94N:94.25W, h69km, 13km, MD4.2, NEIC 21 21:48:17.3:1.5, 15:92N:94.25W, h63km, mb3.8/1, MD4.2(MEX), After MEX, ISC 21 21:48:16.2:0.4, 15:96N:0.05:94.25W:0.03, h57km, 15km, n24, o594/40, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Papete, Eielson Array, Dimbrok, etc.

IDC 21 21:55:22.7:1.6, 30:30S:177.44W, h0km, mb4.1/4, mb1 4.3/6, mb1mx4.0/19, mbmtpp4.2/6, ML4.2/2, Error ellipse: s-maj=49.2km s-min=28.6km az=139.0, NEIC 21 21:55:24.1:1.4, 31:02S:176.54W, h54km, 13km, mb4.2/2, Error ellipse: s-maj=17.9km s-min=11.4km az=112.0, ISC 21 21:55:25.3:4.2, 30:30S:0.1:177.1W:0.7, h35km, n18, o578/10, mb4.1/4, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Papete, Eielson Array, Dimbrok, etc.

Table with columns: RPZ, Rata Peaks, 15.87 213 Pn, Pn, 21 59 06.2 +0.4, etc.

IDC 21 22:23:34.2:7.4, 30:45S:178.65W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.5/15, mbmtpp3.3/2, Error ellipse: s-maj=309.0km s-min=57.5km az=156.0, Kermadec Islands

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

ISCJB 21 22:25:54.3:0.3, 43:21N:108.02:10.72E:0.03, h26km, 5km, Error ellipse: s-maj=4.2km s-min=3.7km az=38.1, CSEM 21 22:25:54.3:0.1, 43:21N:10:83E, h20km, ML2.8/14, Error ellipse: s-maj=2.5km s-min=1.8km az=11.0, ROM 21 22:25:54.9:0.1, 43:20N:10:83E, h12km, 1km, Md2.9/21, ML2.4/21, Error ellipse: s-maj=1.7km s-min=1.2km az=2.0, NEIC 21 22:25:54.9:0.1, 43:20N:10:80E, h8km, ML2.6(LDG), ML2.4(ROM), After ROM, LDG 21 22:25:55.7:0.1, 43:18N:10:78E, h10km, ML2.6/14, Error ellipse: s-maj=3.0km s-min=1.8km az=12.0, ISC 21 22:25:54.3:0.3, 43:20N:0.02:10.79E:0.03, h19km, 3km, n82, o599/124, 2C, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Castiglione de, Warramunga Arr, etc.

MEX 21 21:48:16.9:0.6, 15:94N:94.25W, h69km, 13km, MD4.2, NEIC 21 21:48:17.3:1.5, 15:92N:94.25W, h63km, mb3.8/1, MD4.2(MEX), After MEX, ISC 21 21:48:16.2:0.4, 15:96N:0.05:94.25W:0.03, h57km, 15km, n24, o594/40, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Castiglione de, Warramunga Arr, etc.

















Table with 5 columns: PRTR, LSNR, LSNR, DIGR, DIGR, ONI, ONI. Rows include Priterechnaya, Lesken, Lesken, Digorskoe uzhe, Digorskoe uzhe, Oni, Oni.

THR 22 04:39:40.9, 0.3, 26.98N:55.93E, h10km, 5km, ML3.5
CSEM 22 04:39:40.7, 0.5, 26.94N:55.85E, h2km, ML3.5, Error
ellip: s-maj=17.3km s-min=10.1km az=101.0

ISCJB 22 04:39:41.5, 0.9, 27.02N:03:55.81E:0.08, h2km, 11km,
Error ellip: s-maj=11.6km s-min=5.6km az=0.2

OMAN 22 04:39:42.3, 0.9, 26.81N:56.17E, h4km, Error ellip:
s-maj=64.4km s-min=15.8km az=43.0

SGS 22 04:39:43.2, 27.19N:55.79E, h2km
TEH 22 04:39:45.2, 27.17N:56.16E, h10km
ISC 22 04:39:42.8, 1.0, 27.01N:04:55.89E:0.08, h17km, 9km,

Main table for 951 station data. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BNDS, BANOM, ASHO, ASUD, KRBR, IPAR, IMEH, IBAF, ISAD, ICHK, IGAR, NASN, IZEF, IPIR, IKLH, MIB, ASYS, CD2, XAN, LZH, GYA, GTA, MKAR, ZALV, WRA, ASAR, NOAN.

ISCJB 22 04:44:34.5, 1.0, 32.16N:04:105.35E:0.05, h1km, 7km,
mb3.7/5, Error ellip: s-maj=8.5km s-min=5.3km az=31.5
IDC 22 04:44:35.6, 1.2, 32.13N:105.24E, h0km, mb3.6/5,
mb1.3/8.6, mb1mx3.6/25, mbtmp3.6/6, Error ellip:
s-maj=74.8km s-min=21.1km az=60.0

BUI 22 04:44:37.7, 32.27N:104.96E, h12km, ML3.7/12
ISC 22 04:44:36.3, 0.9, 32.22N:105:28E:0.05, h3km, 7km,
n11, 0.995/19, mb3.6/5, 1D, Sichuan

Continuation of station data table for 951. Rows include CD2, XAN, LZH, GYA, GTA, MKAR, ZALV, WRA, ASAR, NOAN.

IDC 22 04:51:40.0, 1.0, 30.02S:71.64W, h40km, 7km, mb3.9/3,
mb1.3/9.6, mb1mx3.6/17, mbtmp3.6/6, ML4.0/3, MS3.0/1,
Ms1.3/0.1, ms1mx2.3/23, Error ellip: s-maj=25.0km
s-min=15.7km az=46.0
NEIC 22 04:51:39.9, 30:17S:71:59W, h2km, ML4.5(GUC), After
GUC.

NEIC 22 04:51:39.9, 1.0, 30:17S:71:59W, h2km, ML4.5
ISCJB 22 04:51:40.0, 0.8, 30:13S:0:04:71.50W:0.09, h56km, 6km,
mb3.8/4, Error ellip: s-maj=13.0km s-min=5.5km
az=11.2

ISC 22 04:51:41.8, 0.8, 30:12S:0:04:71:48W:0.09, h48km, 7km,
n42, 1.015/55, mb3.8/4, 12C-6D, Near coast of central
Chile

Main table for 2008 SEP station data. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include OVCH, TLL, CMCH, LCO, JACH, JACH, PEL, CFAA, FCH, FCH, CLCH, CLCH, CLCH, LACH, LACH, LACH, FSR, FSR, ANTU, ANTU, TACH, TACH, PCH, PCH, SJCH, SJCH, CHCH, CHCH, CACH, CACH, PLCA, PLCA, TRQA, TRQA, CPUP, CPUP, LPAZ, LPAZ, USHA, USHA, BDFB, SNA, SNA, DBIC, DBIC, TOR, TOR, ZALV, ZALV, ZALV, CHNG, CHNG, CHNG, OVCH, OVCH, OVCH, TLL, TLL, TLL, TLL, JACH, JACH, JACH, JACH, ROCH, ROCH, PEL, PEL, PEL, FCH, FCH, TACH, TACH, LCO.

NEIC 22 04:56:51.3, 31:33S:71:91W, h30km, ML3.0(GUC), After
GUC.
GUC 22 04:56:51.3, 1.0, 31:33S:71:91W, h30km, 17km, MD3.8,
ML3.0, 2C-5D, Near coast of central Chile

NEIC 22 05:05:25.9, 19:15N:66:78W, h25km, MD3.1(RSPR),
After RSPR.
RSPR 22 05:05:25.9, 19:15N:66:78W, h25km, 18km, MD3.1/13,
7C-5D, Puerto Rico region

Table for NEIC 22 05:05:25.9 station data. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include AGPR, AGPR, AOPR, AOPR, LRS, LRS, LSL, LSL, CELP, CELP, OBIP, OBIP, OBIP, OBIP, GBPR, GBPR, CRPR, CRPR, SJO, SJO, SJO, ICM, ICM, ICM, HUMP, HUMP, STVI, STVI, SDDR, SDDR.

IDC 22 05:10:18.1, 1.9, 1:14N:127:04E, h0km, mb3.9/3,
mb1.4/0.4, mb1mx3.6/19, mbtmp3.8/4, Error ellip:
s-maj=1.8, 2km s-min=24.3km az=69.0
ISCJB 22 05:10:26.2, 0.7, 1:10N:0:06:126:86E:0.07, h8km, 7km,
mb3.9/3, Error ellip: s-maj=13.1km s-min=7.3km
az=138.3

DJA 22 05:10:27.1, 1:12N:126:81E, h4km, ML4.1/4
ISC 22 05:10:27.2, 0.7, 1:09N:0:06:126:86E:0.07, h79km, 8km,
n9, 0.092/13, mb3.9/3, Northern Molucca Sea

Table for NEIC 22 05:10:27.2 station data. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TNTI, TNTI, LBMI, LBMI, MNI, MNI, SGSI, SGSI, KMSI, KMSI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

CSEM 22 05:24:30.9, 0.6, 34:70N:24:98E, h10km, ML3.5/1, Error
ellip: s-maj=13.2km s-min=4.1km az=1.0
ATH 22 05:24:30.5, 34:73N:24:97E, h2km, 1km, MD3.7/14
THE 22 05:24:31.2, 34:73N:24:97E, h1km, 1km, ML3.5/1, Error
ellip: s-maj=3.5km s-min=1.0km az=186.0
ISC 22 05:24:30.3, 1.3, 34:67N:0:07:24:97E:0.03, h5km, 5km,

n58, 0.064/79, Crete

Main table for NEIC 22 05:24:30.9 station data. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SIVA, SIVA, SIVA, SIVA, SIVA, SIVA, LAST, LAST, LAST, LAST, NPS, NPS, NPS, NPS, VAM, VAM, VAM, VAM, ZKR, ZKR, ZKR, ZKR, KARN, KARN, KARN, KARN, THRI, THRI, THRI, THRI, THRI, THRI, KYTH, KYTH, APE, APE, APE, APE, VLI, VLI, ARG, ARG, ARG, DID, DID, DID, DID, NAIG, NAIG, NAIG, SMG, SMG, SMG, SMG, VLG, VLG, VLG, ITM, ITM, ITM, ITM, LTK, LTK, LTK, LTK, CHOS, CHOS, CHOS, CHOS, CHOS, CHOS, GUR, GUR, GUR, GUR, GUR, GUR, LAKA, LAKA, LAKA, EFP, EFP, EFP, EFP.

ASC 22 05:31:23.1, 2.8, 9:35N:78:81W, h56km, 24km, MD4.3,
mb4.6(NEIC)
IDC 22 05:31:25.4, 0.9, 9:52N:79:10W, h27km, 4km, mb3.6/6,
mb1.3/9.7, mb1mx3.7/21, mbtmp3.6/7, ML3.6/1, MS3.4/11,
Ms1.3/0.1, ms1mx2.3/22, Error ellip: s-maj=27.7km
s-min=22.2km az=49.0

ISCJB 22 05:31:26.3-0.9, 9.66N-0.08-79.18W, 0.05, h40km, 13km, mb3.9/10, MS3.6/5, Error ellipse: s-maj=13.8km s-min=8.0km az=17.0

NEIC 22 05:31:28.5-0.9, 9.63N-79.21W, h46km, 12km, mb4.3/4, Error ellipse: s-maj=13.3km s-min=11.0km az=193.0

NEIC Felt at Panama.

ISC 22 05:31:27.8-0.7, 9.51N-0.09-79.16W, 0.05, h44km, 11km, n42, c1500/36, mb3.9/10, MS3.6/5, 1C-2D, Panama

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

JMA 22 05:36:28.2-0.1, 42.34N-139.19E, h23km, 1km, M3.5, 2C, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations for the Hokkaido region.

IDC 22 05:40:59.7-2.1, 7.19S-155.19E, h0km, mb3.6/6, mb1.3/9f, mb1mx3.8/16, mbtmp3.7/6, Error ellipse: s-maj=68.9km s-min=28.0km az=121.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations for the Bougainville region.

IGQ 22 05:42:41.2, 2.28S-78.07W, h27km, 3km, Mb4.2, Ms4.0, 12C-10D, Error ellipse: s-maj=8.6km s-min=6.6km az=161.5, Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations for the Ecuador region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations including RETU, BULB, BULB, etc.

ISCJB 22 05:47:23.4-0.4, 45.20N-0.04-37.71E, 0.03, h10km, mb3.7/2, Error ellipse: s-maj=5.8km s-min=3.2km az=14.0

MOS 22 05:47:25.4-1.2, 45.29N-37.66E, h22km, mb4.0/1, Error ellipse: s-maj=10.7km s-min=7.7km az=6.4

CSEM 22 05:47:28.0-0.2, 45.14N-37.62E, h60km, mb4.0, Error ellipse: s-maj=6.4km s-min=3.6km az=23.0

ISC 22 05:47:25.6-0.3, 45.15N-0.03-37.69E, 0.03, h10km, n96, c112/120, mb3.7/2, 7C-10D, Ukraine - Moldova -

Southwestern Russia region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations for the Ukraine region.

KIV comp=Z, 13nm, 0.9s Kislodovsk comp=Z, 13nm, 0.9s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations including KIV, BEVR, BEVR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations including TLCR, TLCR, TLCR, etc.

ISC 22 05:55:49.4-0.9, 16.64N-99.97W, h0km, mb4.5/12, mb1.4/6/17, mb1mx4.4/28, mbtmp4.3/17, ML3.8/5, MS3.7/17, Ms1.3/8/17, ms1mx3.6/27, Error ellipse: s-maj=22.0km s-min=13.5km az=47.0

ISCJB 22 05:55:50.7-0.8, 16.55N-0.03-99.93W, 0.02, h16km, 5km, mb4.7/107, MS4.0/14, Error ellipse: s-maj=4.6km s-min=2.6km az=17.3

MEX 22 05:55:50.6-0.7, 16.46N-100.115W, h7km, 3km, MD4.6

NEIC 22 05:55:50.6, 16.46N-100.115W, h7km, mb4.7/102, MD4.6 (MEX), After MEX.

ISC 22 05:55:50.7-0.8, 16.58N-0.02-99.90W, 0.02, h2km, 4km, n568, c0979/594, mb4.7/107, MS4.0/14, 135C-130D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists seismic stations including ACX, ACX, ACX, etc.

CMIG	Matias Romero	4.83	83	eP	Pn	05 57 04.8 +0.3
CMIG				iS	Sn	05 58 02.2 +1.2
SFJM	Santa Fe	4.90	323	iP	Pn	05 57 02.8 -2.5
SFJM	Santa Fe	4.90	323	iP	Pn	05 57 02.8 -2.5
ANIG	Ahuacatan	6.24	316	iP	Sn	05 57 17.2 -6.6
ANIG				iS	Sn	05 58 26.5 -9.3
PCIG		6.48	97	iP	Pn	05 57 28.1 +0.9
PCIG				iS	Sn	05 58 44.4 +2.7
TGIG		6.50	87	eP	Pn	05 57 28.6 +1.2
TGIG				iS	Sn	05 58 44.2 +2.0
SCX	San Cristobal	6.97	88	iP	Pn	05 57 33.7 -0.2
SCX	San Cristobal	6.97	88	iP	Pn	05 57 33.7 -0.2
CCIG	Comitan	7.46	91	iP	Pn	05 57 41.9 +1.3
CCIG				iS	Sn	05 57 42.1 +1.5
CCIG	Comitan	7.46	91	iP	Pn	05 57 41.9 +1.3
CCIG				iS	Sn	05 57 42.1 +1.5
LNIG	Linares	8.29	3	iS	Sn	05 59 25.9 +0.3
APG	EL Apazote	9.22	98	Pn	Pn	05 58 05.1 +0.3
APG		0.5mm,0.3s,baz=321,slow=17,SNR=13				
APG		1.0mm,0.3s,baz=204,slow=14,SNR=5.7				
APG		comp=Z,532nm,18.4s,baz=283,slow=7				
HPIG		11.61	334	eP	Pn	05 58 35.3 -2.3
HPIG				iS	Sn	05 58 43.7 -4.2
TEIG	Tejich	11.62	70	Pn	Pn	05 58 37.2 -0.4
TEIG		1.6mm,0.3s,baz=25,slow=19,SNR=10				
TEIG		1.5mm,0.3s,baz=80,slow=19,SNR=3.6				
TEIG		comp=Z,303nm,20.0s,baz=247,slow=39				
628A	Black Gap, Mar	13.14	348	iP	Pn	05 58 59.7 +1.3
628A		baz=13,SNR=11				
TXAR	Lajitas Array	13.16	345	Pn	Pn	05 58 59.8 +1.1
TXAR		0.1nm,0.3s,baz=165,slow=15,SNR=21				
627A	Terlingua Ranc	13.21	347	iP	Pn	05 59 00.7 +1.3
627A		baz=13				
626A	Big Bend Ranch	13.49	344	iP	Pn	05 59 04.3 +1.1
626A		baz=19				
528A	Cox Ranch, San	13.78	349	iP	Pn	05 59 08.1 +1.0
528A		baz=14,SNR=12				
JCT	Junction City	13.84	0	ePn	Pn	05 59 07.2 -0.7
526A	Mary Lane Ranch	13.98	345	iP	Pn	05 59 11.1 +1.5
526A		baz=14,SNR=8.7				
428A	Kincaid Ranch	14.31	350	iP	Pn	05 59 16.0 +1.6
426A	McDonald Obser	14.53	346	iP	Pn	05 59 19.0 +1.6
426A		baz=14,SNR=13				
427A	Hayter Ranch	14.56	348	iP	Pn	05 59 18.6 +0.8
427A		baz=14,SNR=13				
425A	Indio Mountain	14.89	343	iP	Pn	05 59 22.7 +0.5
328A	Wristen Ranch	14.97	350	iP	Pn	05 59 23.7 +0.2
328A		baz=15,SNR=11				
325A	Bean Ranch, Si	15.43	343	iP	Pn	05 59 29.8 +0.2
325A		baz=15,SNR=11				
324A	Moseley Ranch	15.65	342	iP	Pn	05 59 33.5 +1.1
324A		baz=15,SNR=37				
JTS	JuntasAbangare	15.82	111	Pn	Pn	05 59 38.0 +3.3
JTS		1.2mm,0.3s,baz=294,slow=8.5,SNR=8.6				
JTS	JuntasAbangare	15.82	111	eP	Pn	05 59 39.8 +5.1
JTS		39nm,1.0s				
NATX	Nacogdoches	15.85	17	eP	Pn	05 59 38.3 +3.3
NATX		62nm,0.9s				
MNTX	Cornudas Mount	15.86	343	iP	Pn	05 59 35.7 +0.7
MNTX		baz=18,SNR=22				
MNTX	Cornudas Mount	15.86	343	iP	Pn	05 59 35.5 +0.5
MNTX		12nm,1.0s				
226A	Malaga, Loving	15.88	347	iP	Pn	05 59 35.9 +0.5
226A		baz=18,SNR=12				
GD2L	Guadalupe Mount	16.07	346	eP	Pn	05 59 37.8 -0.1
225A	Deer Hill, Car	16.10	345	Pn	Pn	05 59 38.1 0.0
224A	Cornudas Mount	16.25	343	iP	Pn	05 59 40.3 +0.1
224A		baz=16,SNR=11				
127A	Arkansas Junct	16.33	350	iP	Pn	05 59 40.8 -0.4
127A		baz=16,SNR=7.5				
125A	Gardner Draw,	16.58	346	iP	Pn	05 59 44.7 +0.3
125A		baz=16,SNR=8.8				
320A	Kipp Ranch, An	16.66	333	iP	Pn	05 59 46.5 +1.1
320A		baz=16,SNR=15				
CPRX	Cap Rock	16.77	348	eP	Pn	05 59 47.4 +0.6
CPRX		5.8mm,0.2s				
222A	Williams Famil	16.78	338	iP	Pn	05 59 47.1 +0.2
222A		baz=17				
124A	Stringfield Ra	16.82	344	iP	Pn	05 59 47.6 +0.2
124A		baz=17,SNR=16				
221A	Mesquite Ranch	16.95	336	iP	Pn	05 59 49.9 +0.9
221A		baz=17,SNR=8.6				
123A	Bell Site, Whi	16.99	341	iP	Pn	05 59 50.0 +0.4
123A		baz=17,SNR=9.6				
Z26A	Caprock	17.02	348	iP	Pn	05 59 50.3 +0.3
Z26A		baz=17,SNR=13				
319A	Douglas	17.03	332	iP	Pn	05 59 50.9 +0.8
319A		baz=17,SNR=13				
220A	Playas Peak, P	17.15	334	iP	Pn	05 59 51.8 +0.2
220A		baz=17,SNR=14				
122A	Conniff Cattle	17.29	339	iP	Pn	05 59 54.4 +1.1
122A		baz=17,SNR=7.3				
Z24A	Sheepens Cayno	17.39	345	iP	Pn	05 59 55.3 +0.7
Z24A		baz=17,SNR=12				
318A	Sisbe	17.41	330	iP	Pn	05 59 55.3 +0.5
318A		baz=17,SNR=12				
121A	Cookes Peak, D	17.42	337	iP	Pn	05 59 56.0 +1.1
121A		baz=17,SNR=9.8				
Y27A	Causey	17.48	351	iP	Pn	05 59 54.1 -1.6
Y27A		baz=17,SNR=12				
MSTX	Muleshoe	17.51	352	iP	Pn	05 59 54.3 -1.7
MSTX		baz=17,SNR=18				
219A	White Tan Can	17.55	333	iP	Pn	05 59 57.0 +0.5
219A		baz=17,SNR=14				
Z23A	Rita Site, Whi	17.57	342	iP	Pn	05 59 57.1 +0.3
Z23A		baz=17,SNR=11				
120A	U Bar Ranch, L	17.76	345	iP	Pn	05 59 59.9 +0.8
120A		baz=18,SNR=25				
Z22A	Elephant Butte	17.79	340	iP	Pn	05 59 59.9 +0.4
Z22A		baz=18,SNR=25				
Y25A	Mesa, Roswell	17.80	347	iP	Pn	05 59 60.0 +0.3
Y25A		baz=18,SNR=9.5				
218A	Dragon	17.88	331	iP	Pn	06 00 00.8 +0.1
218A		baz=18,SNR=7.2				
Y24A	Capitan	17.98	345	iP	Pn	06 00 02.1 +0.3
Y24A		baz=18,SNR=9.8				
Z21A	St. Cloud Hill	18.07	339	iP	Pn	06 00 04.4 +1.4
Z21A		baz=18,SNR=20				
217A	Green Valley	18.09	329	iP	Pn	06 00 03.5 +0.2
217A		baz=18,SNR=14				
WMOK	Wichita Mount	18.11	3	eP	Pn	06 00 00.4 -3.1
WMOK		8.4mm,0.9s				
Y23A	Lovelace Mesa,	18.15	343	iP	Pn	06 00 04.4 +0.5
Y23A		baz=18,SNR=29				
119A	Ashpeak Ranch,	18.23	334	iP	Pn	06 00 05.6 +0.8
119A		baz=18,SNR=12				
Z20A	Nine Sixteen R	18.24	336	iP	Pn	06 00 05.9 +0.8
Z20A		baz=18,SNR=11				
AMTX	Amarillo	18.30	355	iP	Pn	06 00 03.9 -1.9
AMTX		baz=18,SNR=6.9				
AMTX	Amarillo	18.30	355	eP	Pn	06 00 03.0 -2.8
AMTX		22nm,0.8s				
118A	Homack Ranch,	18.41	332	iP	Pn	06 00 07.3 +0.1
118A		baz=18,SNR=27				
Y22A	Socorro	18.42	341	iP	Pn	06 00 07.5 +0.3
Y22A		baz=18,SNR=11				
BNN	Barren Site	18.51	342	eP	Pn	06 00 10.1 +1.7
BNN		22nm,1.0s				
216A	Three Points,	18.60	328	iP	Pn	06 00 09.7 +0.2
216A		baz=18,SNR=12				
W27A	Bowe Ranch,En	18.63	352	iP	Pn	06 00 07.7 -2.0
W27A		baz=18,SNR=8.6				
LEMM	Lemitar	18.63	341	eP	Pn	06 00 10.2 +0.3
LEMM		18.63	342	eP	Pn	06 00 10.5 +0.2
117A	Oracle	18.70	330	iP	Pn	06 00 11.1 +0.4
117A		baz=18,SNR=19				
Y21A	Point of Rocks	18.71	340	iP	Pn	06 00 11.4 +0.6
Y21A		baz=18,SNR=19				
MIAR	Mount Ida	18.77	16	eP	Pn	06 00 09.3 -2.3
MIAR		12nm,0.8s				
Y20A	Horse Springs,	18.87	338	iP	Pn	06 00 13.0 +0.3
Y20A		baz=19,SNR=21				
LAZ	Ladron	18.90	341	eP	Pn	06 00 13.0 -0.1
LAZ		33nm,1.6s				
W25A	X Bar L Ranch,	19.01	346	Pn	Pn	06 00 13.9 -0.4
W25A		baz=19,SNR=13				
X21A	Alamocita Cree	19.15	340	iP	Pn	06 00 16.0 -0.1
X21A		baz=19,SNR=24				

116A	Eloy	19.17	328	P	Pn	06 00 15.8 -0.6
116A		baz=19,SNR=22				
Z17A	San Carlos Hig	19.19	332	iP	Pn	06 00 16.1 -0.5
Z17A		baz=19,SNR=11				
W24A	Las Rancho,	19.20	346	iP	Pn	06 00 15.4 -1.3
W24A		baz=19,SNR=13				
ANMO	Albuquerque	19.21	343	P	Pn	06 00 15.8 -1.1
ANMO		0.3mm,0.3s,baz=155,slow=12,SNR=38				
ANMO	comp=Z,316nm,20.4s,baz=24,slow=37					
ANMO	Albuquerque	19.21	343	eP	Pn	06 00 15.6 -1.3
ANMO		11nm,1.0s				
Y19A	Nutrisio	19.24	336	iP	Pn	06 00 17.5 +0.3
Y19A		baz=19,SNR=19				
Z14A	Organ Pipe Nat	19.28	325	iP	Pn	06 00 17.3 -0.4
Z14A		baz=19,SNR=11				
W23A	Werner Place,	19.33	344	P	Pn	06 00 17.1 -1.2
W23A		baz=19,SNR=7.5				
UALR	University of	19.34	19	eP	Pn	06 00 15.8 -2.6
UALR		39nm,1.3s				
Y18A	Canon Day Jun	19.41	334	iP	Pn	06 00 18.7 -0.5
Y18A		baz=19,SNR=14				
V26A	Tequesquite Ra	19.45	350	iP	Pn	06 00 17.9 -1.9
V26A		baz=19,SNR=32				
X20A	Quemado	19.48	338	iP	Pn	06 00 19.9 -0.2
X20A		baz=19,SNR=12				
115A	Sonoran Desert	19.55	327	iP	Pn	06 00 20.4 -0.5
115A		baz=19,SNR=13				
V25A	Rancho No Teng	19.64	349	iP	Pn	06 00 20.0 -1.9
V25A		baz=19,SNR=6.7				
Y17A	Roosevelt	19.69	332	iP	Pn	06 00 22.0 -0.6
Y17A		baz=20,SNR=14				
V23A	Ortiz Mt. (NFS	19.89	345	iP	Pn	06 00 23.6 -1.5
V23A		baz=20				
114A	Black Gap (USA	19.93	326	iP	Pn	06 00 24.4 -1.1
114A		baz=20,SNR=11				
W20A	Ramal	20.01	339	iP	Pn	06 00 25.8 +1.0
W20A		baz=20,SNR=36				
X18A	Snowflake	20.02	335	iP	Pn	06 00 27.3 +2.5
X18A		baz=20,SNR=9.1				
U26A	Atoley Ranch,	20.03	351	iP	Pn	06 00 24.3 -0.6
U26A		baz=20,SNR=29				
LRAL	Lakeview Retre	20.11	33	eP	Pn	06 00 24.9 -0.9
LRAL		15nm,1.1s				
Y16A	Circle Bar Ran	20.13	331	iP	Pn	06 00 26.5 +0.4
Y16A</						

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for Bloomington, Cedar Creek, Maple Canyon, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for Absaloka Milne, Wildhorse Cree, Billings, Camas Ranch, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for Klindworth Far, Metzger Ranch, Grady Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTLF, SFTF, LASF, LMR, FINES, GERES, etc.

DJA 22 06:32:23.8'09S;119'44E,h20km,MLV3.8/5
ISCJB 22 06:32:22.0,0.8,7.83S;0.05:119'1E;0.1,h30km,16km,
mb3.9/2, Error ellipse: s-maj=17.5km s-min=7.2km
az=16.0

IDC 22 06:32:27.2,6.0,7.71S;119'18E,h39km,56km,mb3.6/2,
mb1.3.8/5,mb1mx3.5/2.1,mbtmp3.6/5,ML3.3/3, Error
ellipse: s-maj=80.4km s-min=19.6km az=68.0

ISC 22 06:32:25.5-1.8,7.86S;0.04:119'15E;0.10,h28km,16km,
n13,e1947/16,mb3.9/2, Flores Sea

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

IDC 22 06:39:04.3,1.0,5.54S;146'35E,h0km,mb4.0/5,
mb1.4/16,mb1mx3.9/17,mbtmp4.0/6,ML3.1/1,MS3.3/2,
Ms1.3/2,ms1mx2.7/25, Error ellipse: s-maj=52.2km
s-min=23.2km az=119.0

ISCJB 22 06:39:08.0,1.2,5.6S;0.1:146'3E;0.1,h33km,mb3.9/5,
Error ellipse: s-maj=20.1km s-min=17.6km az=16.4

NEIC 22 06:39:10.3,2.4,5.52S;146'23E,h42km,19km,mb4.7/1,
Error ellipse: s-maj=21.7km s-min=16.0km az=179.0

ISC 22 06:39:09.5,1.2,5.55S;0.1:146'3E;0.1,h35km,n15,
e063/11,mb3.9/5, Eastern New Guinea region

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

DJA 22 06:40:22.2'41S;122'72E,h60km,MLV3.8/7,Sulawesi

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

IDC 22 06:45:16.7,1.0,31'25N;104'09E,h0km,mb3.9/7,
mb1.4/19,mb1mx3.9/25,mbtmp3.9/9,ML3.5/2, Error
ellipse: s-maj=33.2km s-min=18.3km az=69.0

BUI 22 06:45:17.6,31'30N;103'74E,h12km,mb4.4/4,ML4.1/18,
Ms4.1/8, Ms7.4/0.5

NEIC 22 06:45:18.5,0.5,31'17N;103'98E,h10km,mb3.8/2, Error
ellipse: s-maj=14.4km s-min=9.4km az=61.0

ISC 22 06:45:18.4,0.9,31'27N;103'96E;0.05,h4km,6km,
n20,e1931/29,mb3.8/3,1C-1D,Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CD2, LZH, LZH, etc.

ISCJB 22 06:47:53.0,1.1,29'18N;0'05:53'16E;0'06,h20km,6km,
Error ellipse: s-maj=9.8km s-min=8.5km az=137.2

TEH 22 06:47:54.6,29'22N;53'21E,h10km
KISR 22 06:47:59.0,3.29'22N;52'11E,h34km,ML2.9
ISC 22 06:47:54.0,1.2,29'22N;0'05:53'21E;0'06,h12km,6km,
n17,e111/23,Southern Iran

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

IDC 22 07:17:43.1,1.7,5.87S;147'00E,h0km,mb5.3/3,
mb1.3/74,mb1mx3.6/16,mbtmp3.4/4, Error ellipse:
s-maj=106.9km s-min=27.8km az=126.0, Eastern New
Guinea region

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

NEIC 22 07:31:00.41'50N;140'60E,h150km,Ms5.6 Best
double couple: Ms3.00000;1017' NP13;208.00000';
s61.00000';lambda-132.00000'. NP2;88.00000';s49.00000';
lambda-40.00000'

SZGRF 22 07:31:46.4,41'62N;141'73E,h33km,mb5.3,MS4.8,
Hokkaido, Japan, region
BUI 22 07:31:54.2,41'60N;140'77E,h139km,mb5.3/39,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like mb5.2/58, MOS, etc.

ISCJB 22 07:31:58.1,0.1,41'56N;0'01:140'50E;0'02,
h150km,1km,mb5.2/343, Error ellipse: s-maj=2.5km
s-min=1.8km az=146.2

IDC 22 07:31:59.0,0.8,41'54N;140'51E,h150km,6km,mb4.8/40,
mb1.4.8/45,mb1mx4.8/46,mbtmp4.7/45,MS4.5/13,
Ms1.4.5/13,ms1mx4.1/38, Error ellipse: s-maj=7.9km
s-min=5.7km az=109.0

JMA 22 07:31:58.5,0.1,41'54N;140'57E,h152km,1km,MS.6
JMA Feil III J1

NEIC 22 07:31:59.2,0.4,41'58N;140'45E,h149km,3km,
mb5.3/239,MSW5.6,MSW5.6(NIED), Error ellipse:
s-maj=3.6km s-min=2.4km az=157.0, Moment Tensor
Solution. sB2 Moment tensor: Scale 10^17Nm; Mr=2.63;
Ms=2.48; Mss=0.14; Mss=0.62; Mss=1.98; Msr=1.42; Best
double couple: Ms3.60000;1017' NP1;88.00000';
s51.00000';lambda-49.00000'. NP2;213.00000';s54.00000';
lambda-129.00000'. Principal axes: T 3.6200, P1g1.0000',
Azm329.0000'; N -0.0700, P1g2.0000', Azm238.0000';
lambda-3.5600, P1g39.0000', Azm62.0000';

NEIC Feil at Furano, Feil III at Misawa, Honshu. Also felt at
Kuchino, Recorded [2 JMA] in southeastern Hokkaido and
[1 JMA] on Okushiri-to, Recorded [3 JMA] in Aomori; [2
JMA] in Akita, Iwate, Miyagi, Tochigi and Yamagata; [1
JMA] in Fukushima, Ibaraki and Saitama, Honshu.

BGS 22 07:31:59.2,1.9,41'68N;141'01E,h137km,mb4.8
GCMT 22 07:32:01.8,0.1,41'46N;140'50E,h152km,MSW5.6,
Moment Tensor Solution. s95;168; s31.c34; Moment
tensor: Scale 10^17Nm; Mr=2.26; Ms=2.17; Ms=0.55;
Ms=0.99; Ms=0.55; Ms=0.55; Ms=2.34; Ms=1.74; Ms=0.4;
Best double couple: Ms3.70000;1017' NP1;89.00000';
s52.00000';lambda-39.00000'. NP2;205.00000';s61.00000';
lambda-135.00000'. Principal axes: T 3.7300, P1g5.0000',
Azm325.0000'; N -0.0600, P1g38.0000', Azm231.0000';
P -3.6700, P1g52.0000', Azm62.0000'; Data Used: IIU
CN IC G. Surface waves: sta=112, comp=237, per=50.

ISC 22 07:31:59.1,0.1,41'56N;0'01:140'48E;0'02,h146km,1km,
h152km,2.2km;pp-P,n1445,e081/1463,mb5.2/342,
286C-235D,Hokkaido region

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

ISCJB 22 06:47:53.0,1.1,29'18N;0'05:53'16E;0'06,h20km,6km,
Error ellipse: s-maj=9.8km s-min=8.5km az=137.2

TEH 22 06:47:54.6,29'22N;53'21E,h10km
KISR 22 06:47:59.0,3.29'22N;52'11E,h34km,ML2.9
ISC 22 06:47:54.0,1.2,29'22N;0'05:53'21E;0'06,h12km,6km,
n17,e111/23,Southern Iran

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

IDC 22 07:17:43.1,1.7,5.87S;147'00E,h0km,mb5.3/3,
mb1.3/74,mb1mx3.6/16,mbtmp3.4/4, Error ellipse:
s-maj=106.9km s-min=27.8km az=126.0, Eastern New
Guinea region

NEIC 22 07:31:00.41'50N;140'60E,h150km,Ms5.6 Best
double couple: Ms3.00000;1017' NP13;208.00000';
s61.00000';lambda-132.00000'. NP2;88.00000';s49.00000';
lambda-40.00000'

SZGRF 22 07:31:46.4,41'62N;141'73E,h33km,mb5.3,MS4.8,
Hokkaido, Japan, region
BUI 22 07:31:54.2,41'60N;140'77E,h139km,mb5.3/39,

Table with columns for station code, name, time, and various status indicators. Includes stations like MJAR, JNH, YSS, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like SKR, CBIJ, HIA, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like BTO, WHN, SSSLB, etc.





Table with columns for station code, name, frequency, power, and other technical details. Includes stations like FINES, GNW, JCW, B06A, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like K05A, B13A, F10A, KCPM, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KONO, KONO, KONO, EGMT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other details. Includes entries like BSD Bornholm Skovb, K14A Jones Ranch, YFT Old Fartul, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other details. Includes entries like ISA Isabella, R11A Troy Canyon, G21A Lodge Grants, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other details. Includes entries like GSC Goldstone, KECS Kecovo, KECS Kecofo, etc.



Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like San Carlos Hig, SPAK Spaichingen-Ko, BAIF Baives, etc.

Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like LK2D Lefkada island, X24A Lazy VL Ranch, 319A Douglas, etc.

Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like BGF Bois d'Agland, BGF Bois d'Agland, MBDF Montbardon, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like URZ Urewera, CAF Calviac, LASF Ste Croix, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEST Kesra, SSPA Standing Stone, NATX Nacoches, etc.

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





Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like DMN Daman, MIR Milnyy, GKN Gorkha, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like DAWY Dawson, SKAG Skagway, KK31 Karatay Array, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like MOX Moxa, GERES GERES Array B, SOKA Soboth, etc.

NEIC 22 08:31:17.9, 16:07N-97:56W, h16km, MD3.9(MEX), After MEX.

MEX 22 08:31:17.9:1.4, 16:07N-97:56W, h16km, 15km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like PINIG Pinotepa, VHO Vista Hermosa, OXX Oaxaca, etc.

ISCJB 22 08:46:42.5:0.9, 12:94N:0:05:143:53E:0:10, h145km, 9km, mb4.1/23, Error ellipse: s-maj=16.2km

IDC 22 08:46:43.7:0.6, 12:94N:143:55E, h143km, 5km, mb3.8/16, mb1.4, 0.1/1, ms1mx3.9/27, mbtmp3.8/17, MS2.9/1, Ms1.2.9/1, ms1mx2.2/36, Error ellipse: s-maj=10.3km

NEIC 22 08:46:44.0:0.9, 12:96N:143:56E, h146km, 8km, mb4.4/10, Error ellipse: s-maj=11.4km s-min=6.7km az=79.0

ISC 22 08:46:44.0:0.8, 12:96N:0:05:143:58E:0:10, h146km, 9km, h142km, 5.1km; p-P, n41, 0:994/40, mb4.1/23, South of Mariana Islands

Main table of station data for the Mariana Islands region, including stations like GUMO Guam, MAJO Matsushiro, MAT Matsushiro, etc.

IDC 22 09:07:34.4:5.1, 36:19N:71:05E, h95km, 44km, mb3.7/7, mb1.3/8.1, mb1mx3.5/28, mbtmp3.7/11, MS2.5/1, Ms1.2.5/1, ms1mx2.2/37, Error ellipse: s-maj=33.9km

s-min=19.9km az=31.0  
ISCJB 22 09:07:35.9:0.9, 36:33N:0:04:71:06E:0:08,

h118km, 10km, mb3.8/7, Error ellipse: s-maj=12.1km

s-min=4.2km az=156.2  
NEIC 22 09:07:36.0:1.1, 36:24N:70:95E, h106km, 11km, mb4.7/9, Error ellipse: s-maj=13.9km s-min=4.6km az=58.0

NINC 22 09:07:43.6:1.8, 37:36N:70:70E, h0km, h0km, mb4.2, mpv4.5, Error ellipse: s-maj=14.6km s-min=13.5km az=72.0

ISC 22 09:07:36.7:0.8, 36:29N:0:04:71:05E:0:09, h111km, 9km, n56, 0:1519/73, mb3.8/7, 6C-7D, Afghanistan-Tajikistan border region

Main table of station data for the Afghanistan-Tajikistan border region, including stations like KSH Kashi, AML Almayashu, KZK Kyzart, etc.

IDC 22 09:19:47.0:1.4, 55:68N:115:15E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.4/26, mbtmp3.5/4, Error ellipse: s-maj=47.1km s-min=22.8km az=134.0

MOS 22 09:19:47.6:1.4, 56:03N:114:26E, h14km, mb4.4/3, Error ellipse: s-maj=17.1km s-min=11.8km az=58.5

BYKL 22 09:19:47.9:0.3, 56:10N:114:02E  
ISC 22 09:19:46.0:0.3, 55:99N:0:03:114:11E:0:03, h10km, n48, 0:156/83, mb3.5/4, 8C-12D, East of Lake Baykal

Main table of station data for the East of Lake Baykal region, including stations like YOA Uoyan, KMO Kumora, BOD Bodaibo, etc.

IDC 22 09:19:46.0:0.3, 55:99N:0:03:114:11E:0:03, h10km, n48, 0:156/83, mb3.5/4, 8C-12D, East of Lake Baykal

IDC 22 09:19:46.0:0.3, 55:99N:0:03:114:11E:0:03, h10km, n48, 0:156/83, mb3.5/4, 8C-12D, East of Lake Baykal

IDC 22 09:19:46.0:0.3, 55:99N:0:03:114:11E:0:03, h10km, n48, 0:156/83, mb3.5/4, 8C-12D, East of Lake Baykal



Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Dobruska-Polom, Collim, TXAR, MALT, MALTY, KHC, BRTR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes Kuril Islands stations like Kuril'sk, KUR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YAK, BJI, BJT, BOD, etc.

WEL 22:10:42.0, 38.265, 176.15E, h153km, 3km, ML3.6/8, Error ellipse: s-maj=1.8km s-min=1.5km az=90.0, North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Ohinepanea, Urewera, KAREWAREWA, etc.

ISC 22:10:42.45, 4.0, 44.25N, 0.03, 147.42E, 0.03, h79km, 3km, h69km, 3.0km, pp-P, n384, c090/397, mb4.4/84, 85C-63D, Kuril Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Kuril'sk, Yuzh-Kuril'sk, NEM2, etc.

comp=Z,23nm,1.0s pmax pmax comp=N,12nm,1.1s pmax pmax

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Beijing, Baijiatou, Bodoibo, etc.

TRN 22:10:38:54.3, 16:60N-60:63W, h27km, MD3.6, M3.2(FDF), 4C, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like La Desirade, Marie-Galante, etc.

comp=N,50nm,0.7s pmax pmax comp=E,40nm,0.7s pmax pmax

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Soyaes, Furan, Erimo, etc.

comp=Z,2.5nm,0.9s,mb4.5 pmax pmax comp=N,12nm,1.1s pmax pmax

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Mentasta, Makanchi Array, etc.

NIED 22:10:42:00, 43.90N, 147.60E, h65km, Mw4.4 Best double couple: Ms:14000x1015 NP1.3x232.00000, 877.00000, 1.99.00000, NP2.6:15.00000, 816.00000, 154.00000

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like NIED, MOS, BUI, SKHL, JMA, etc.

comp=Z,0.4nm,0.3s,baz=26,slo=13,SNR=8.5 comp=Z,0.2nm,0.3s,baz=60,slo=12,SNR=7.6

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including MAJO, MJAR, PEAB, etc.

comp=Z,1.5nm,2.5s,mb4.6 pmax pmax comp=Z,1.2nm,0.5s,mb4.2,baz=332,slo=7.2,SNR=8.3

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations including Yellowknife Arr, Petropavlovsk, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like D13A Huson, B15A Bradley Ranch, F12A Elk City, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like P15A Leamington, BBRC Big Bear Solar, HEC Hector Ludlow, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like 319A Douglas, VRAC Vranov, Z22A Elephant Butte, etc.







Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLSI, DDI, WHN, KASI, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KSH, BJI, DAV, KBL, KAP, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CN2, KURK, HIA, IAKL, etc.



ZST	Bratislava	71.19 316	eP	P	13 41 54.9 +0.8
VRAC	Vranov	71.48 317	P	P	13 41 57.0 +1.2
CNB	Canberra Magne	71.53 336	eP	P	13 41 56.1 -0.1
SOP	Sopron	71.59 316	eP	P	13 41 56.5 0.0
KSP	Kislaz	71.61 319	eP	P	13 41 57.0 +0.5
KSP			LMZ		14 19 36.9
DPC	comp-Z,1um,19.8s				
DPC	Dobruska-Polom	71.61 318	eP	P	13 41 57.4 +0.8
DPC			e		13 42 12.1
DPC			MLR	MLR	
DPC	comp-Z,700nm,15.1s,MS5.0				
DPC	Dobruska-Polom	71.61 318	eP	P	13 41 57.4 +0.8
DPC			eSP		13 42 12.1 -0.7
DPC			AMS	AMS	14 19 10.0
UPC	comp-Z,700nm,15.1s				
UPC	Ujice	71.80 319	eP	P	13 41 58.1 +0.4
UPC	Ujice	71.80 319	eP	P	13 41 58.1 +0.4
CONA	Conrad Observa	72.04 316	iP	P	13 41 59.3 +0.1
CSNA	Conrad Observa	72.04 316	iP	P	13 41 59.3 +0.1
TREC	Trest	72.20 317	eP	P	13 42 00.8 +0.6
TREC	Trest	72.20 317	eP	P	13 42 00.8 +0.6
ARSA	Arzberg	72.31 315	iP	P	13 42 01.0 +0.1
BOJS	comp-Z,24nm,1.4s,mb4.9				
BOJS	Bojanci	72.64 313	iP	P	13 42 03.0 +0.2
BOJS			e		13 43 05.4
PERS	Pernice	72.64 315	iP	P	13 42 03.0 +0.2
PERS			e		13 43 05.3
SOKA	Soboth	72.69 315	iP	P	13 42 03.5 +0.3
PVCC	comp-Z,34nm,1.6s,mb5.0				
PVCC	Panska Ves	72.72 319	eP	P	13 42 03.9 +0.7
PVCC			MLR	MLR	
PVCC	comp-Z,700nm,15.6s,MS5.0				
PVCC	Panska Ves	72.72 319	eP	P	13 42 03.9 +0.7
PVCC			AMS	AMS	14 20 00.0
CUC	comp-Z,700nm,15.6s				
CUC	Castroccucco	72.75 308	eP	P	13 42 02.9 -0.7
PRU	comp-Z,14nm,1.1s,mb4.8				
PRU	Pruhonice	72.77 318	eP	P	13 42 04.6 +1.1
PRU			e		13 42 17.9 +2.6
PRU			e		13 51 31.6
PRU	comp-Z,600nm,15.7s,MS5.0				
PRU	Pruhonice	72.77 318	eP	P	13 42 04.6 +1.1
PRU			eSP		13 42 17.9 -1.8
PRU			eS		13 51 31.6 +5.1
PRU			AMS	AMS	14 20 00.0
VISS	comp-Z,600nm,15.7s				
VISS	Visnje	72.90 314	iP	P	13 42 04.5 +0.1
VISS			e		13 43 01.7
OBKA	Obir	73.04 314	iP	P	13 42 05.3 +0.1
BRG	Bergjesshubel	73.09 319	eP	P	13 42 05.9 +0.5
BRG	Bergjesshubel	73.09 319	eP	P	13 42 06.0 +0.5
MOA	Molin	73.12 316	iP	P	13 42 05.4 -0.2
GE2C	comp-Z,26nm,1.2s,mb5.0,SNR=8.0				
GE2C	GERESS Array S	73.41 317	eP	P	13 42 07.7 +0.4
GE2C	GERESS Array S	73.41 317	eP	P	13 42 07.7 +0.4
GERES	comp-Z,51nm,1.4s,mb5.3				
GERES	GERESS Array B	73.41 317	eP	P	13 42 07.5 +0.1
GERES	comp-Z,12nm,0.9s,mb4.8,baz=72,slow=6.4,SNR=38				
GERES	GERESS Array B	73.41 317	eP	P	13 42 07.5 +0.2
JAVS	comp-Z,12nm,0.9s				
JAVS	Javornik	73.43 314	iP	P	13 42 06.5 -1.0
JAVS			e		13 43 04.1
KHC	Kasperske Hory	73.47 317	eP	P	13 42 07.9 +0.2
KHC	Kasperske Hory	73.47 317	eP	P	13 42 08.0 +0.4
KHC			e		13 42 21.0 +1.6
KHC			e		13 52 15.1
KHC	comp-Z,600nm,22.8s,MS4.8				
KHC	Kasperske Hory	73.47 317	eP	P	13 42 08.0 +0.4
KHC			eP		13 42 21.0 +1.6
KHC			eSCS		13 52 15.1 +1.5
KHC			AMS	AMS	14 18 30.0
VOY	comp-Z,600nm,22.8s				
VOY	Vojsko	73.53 314	eP	P	13 42 07.9 -0.2
VOY			eP		13 42 20.6 +0.7
MYKA	Terra Mystica	73.65 315	iP	P	13 42 08.7 -0.1
CLL	comp-Z,9.6nm,1.1s,mb4.7				
CLL	Colim	73.65 320	eP	P	13 42 08.8 +0.1
CLL	comp-Z,65nm,1.6s,mb5.3				
CLL	Colim	73.65 320	iP	P	13 42 08.4 -0.3
CLL			eP		13 42 18.0 -2.5
CLL			eS		13 51 24.0 -1.2
CLL	comp-Z,600nm,19.4s,MS4.9				
CLL	Colim	73.65 320	iP	P	13 42 08.4 -0.3
CLL			ePP		13 42 18.0 -2.5
CLL			e		
CLL	comp-Z,65nm,1.6s,mb5.3				
CLL			MLR	MLR	
CLL	comp-Z,600nm,19.4s,MS4.9				
CLL	Colim	73.65 320	iP	P	13 42 08.4 -0.3
CLL			eP		13 42 18.0 -2.5
CLL			ePP		13 42 43.0
CLL			ePP		13 45 12.0 +1.9
CLL			ePPP		13 46 46.0
CLL			eS		13 47 39.0
CLL			eSS		13 51 31.0 -5.4
CLL			eSSS		13 59 44.0
CLL			LmV		14 22 00.0
LSZ	comp-Z,600nm,19.4s				
LSZ	Lusaka	73.77 249	eP	P	13 42 09.2 -0.8
LSZ	comp-Z,42nm,1.4s,mb5.4				
LSZ	Lusaka	73.77 249	eP	P	13 42 09.2 -0.7
LSZ			eP		13 42 10.0 +0.1
LSZ	comp-Z,72nm,1.4s,mb5.4				
LSZ	Lusaka	73.77 249	eP	P	13 42 10.0 +0.1
KBA	comp-Z,26nm,1.5s,mb4.9,SNR=5.8				
KBA	Koelnbreinsper	73.81 315	iP	P	13 42 09.3 -0.5
WET	Wetzell	73.92 317	eP	P	13 42 10.7 +0.4
WET	comp-Z,47nm,1.4s,mb5.3				
WET	Wetzell	73.92 317	eP	P	13 42 10.7 +0.4
WET			eP		13 42 18.0 +0.1
WET			eP		13 42 18.0 +0.1
NB2	comp-Z,47nm,1.4s,mb5.2				
NB2	NORSAR Subarra	73.97 330	P	P	13 42 09.6 -0.8
NOA	comp-Z,40nm,1.0s,mb5.3,baz=86,slow=6.2				
NOA	NORSAR Array B	73.97 330	P	P	13 42 09.8 -0.5
NOA	comp-Z,19nm,0.9s,mb5.0,baz=87,slow=5.8,SNR=44				
NOA			LR	LR	14 19 25.6
NOA	comp-Z,647nm,18.0s,MS5.0,baz=30,slow=40				
NOA	NORSAR Array B	73.97 330	P	P	13 42 09.9 -0.5
NOA			eP		13 42 09.9 -0.5
NOA	comp-Z,19nm,0.9s				
NOA			MLR	MLR	
TANN	comp-Z,647nm,18.0s				
TANN	Tannenberghtha	74.07 319	eP	P	13 42 11.5 +0.3
NKC	comp-Z,53nm,1.5s,mb5.2				
NKC	Novy Kostel	74.10 318	eP	P	13 42 11.8 +0.5
NKC			eP		13 42 22.7 -0.4
NKC			eP		14 20 50.0
NERC	comp-Z,800nm,15.8s				
NERC	Wernitzgruen	74.14 318	eP	P	13 42 12.0 +0.4
GUNZ	comp-Z,38nm,1.4s,mb5.1				
GUNZ	Gunzen	74.16 319	eP	P	13 42 12.2 +0.5
WERD	comp-Z,61nm,1.4s,mb5.3				
WERD	Werda	74.17 319	eP	P	13 42 12.1 +0.4
ROTA	comp-Z,40nm,1.3s,mb5.2				
ROTA	Rotzenmuhle	74.30 318	eP	P	13 42 13.4 +0.9
ABZ	comp-Z,84nm,1.4s,mb5.5				
ABZ	Alfalterbach	74.41 315	iP	P	13 42 12.2 -1.0
NEUB	comp-Z,17nm,1.3s,mb4.8				
NEUB	Neuenburg	74.43 319	eP	P	13 42 13.6 +0.4
MOX	comp-Z,66nm,1.3s,mb5.2				
MOX	Moxa	74.59 319	eP	P	13 42 14.7 +0.5
MOX	comp-Z,45nm,1.5s,mb5.4				
MOX			eP		13 42 14.7 +0.5

MOX	comp-Z,45nm,1.5s,mb5.2				
MOX			MLR	MLR	
GRB3	comp-Z,500nm,19.0s,MS4.8				
KONO	Grabenberg Arr	74.60 318	eP	P	13 42 15.1 +0.8
KONO	Kongsberg	74.88 328	eP	P	13 42 15.4 -0.2
KONO	comp-Z,67nm,1.4s,mb5.4				
KONO	Kongsberg	74.88 328	eP	P	13 42 15.4 -0.3
GRA1	comp-Z,67nm,1.4s,mb5.4				
GRA1	Grabenberg Arr	74.94 318	eP	P	13 42 17.0 +0.8
GRA1	comp-Z,115nm,1.4s,mb5.6				
GRA1			LR	LR	
GRF	comp-Z,600nm,20.2s,MS4.9				
GRF	Grabenberg Arr	74.94 318	eP	P	13 42 17.0 +0.8
GRF	comp-Z,115nm,1.4s,mb5.6				
GRF			eL		14 21 47.5
GRF	comp-Z,594nm,20.2s				
GRF	Grabenberg Arr	74.94 318	eP	P	13 42 17.0 +0.8
GRF			eP		13 42 17.0 +0.8
GRF	comp-Z,115nm,1.4s,mb5.6				
GRF	Grabenberg Arr	74.94 318	eP	P	13 42 17.0 +0.8
GRF			eP		13 42 17.0 +0.8
GRF	comp-Z,115nm,1.4s,mb5.6				
GRF			MLR	MLR	
GRFO	comp-Z,600nm,20.2s,MS4.9				
GRFO	Grabenberg	74.94 318	eP	P	13 42 16.7 +0.5
GRFO	comp-Z,65nm,1.6s,mb5.5				
GRFO	Grabenberg	74.94 318	eP	P	13 42 16.7 +0.5
GRFO			eP		13 42 16.7 +0.5
GRFO	comp-Z,88nm,1.6s,mb5.4				
WTTA	Wattenberg	74.95 315	iP	P	13 42 15.7 -0.6
WTTA	comp-Z,76nm,1.2s,mb5.0,SNR=9.1				
WATA	Walderalm	74.98 315	iP	P	13 42 15.5 -1.0
CLZ	comp-Z,8.9nm,0.7s,mb4.8				
CLZ	Clausthal	75.23 320	eP	P	13 42 18.5 +0.6
CLZ	comp-Z,72nm,1.3s,mb5.4				
CLZ	Clausthal	75.23 320	eP	P	13 42 18.5 +0.6
MOTA	comp-Z,72nm,1.3s,mb5.4				
MOTA	Moosalm	75.30 316	iP	P	13 42 17.5 -0.8
MOTA	comp-Z,9.8nm,0.8s,mb5.0,SNR=9.6				
NRDL	Niedersach Ries	75.32 321	eP	P	13 42 19.1 +0.7
MUD	comp-Z,97nm,1.4s,mb5.5				
MUD	Monsted U'grnd	75.42 325	iP	P	13 42 17.5 -1.4
MUD			eP		13 42 17.5 -1.4
MUD	comp-Z,26nm,1.0s,mb5.1				
MUD	Monsted U'grnd	75.42 325	iP	P	13 42 17.5 -1.4
MUD	comp-Z,26nm,1.0s,mb5.1				
MUD			MLR	MLR	
RETA	comp-Z,740nm,17.0s				
RETA	Reutte	75.51 316	iP	P	13 42 19.1 -0.5
UBBA	comp-Z,38nm,1.2s,mb5.2,SNR=9.6				
UBBA	Untersbach	75.59 319	eP	P	13 42 20.1 +0.2
UBBA	comp-Z,51nm,1.6s,mb5.2				
FETA	Feichten	75.59 315	iP	P	13 42 19.7 -0.3
DAVA	comp-Z,26nm,1.2s,mb5.0,SNR=8.5				
DAVA	Damuels	76.13 316	iP	P	13 42 22.8 -0.3
TOD	comp-Z,99nm,1.4s,mb5.2				
TOD	Tromm	76.51 318	eP	P	13 42 25.1 -0.1
TOD	Tromm	76.51 318	eP	P	13 42 25.1 -0.1
TUE	Stuetta	76.61 315	eP	P	13 42 25.4 -0.5
TNS	comp-Z,50nm,1.2s,mb5.4				
TNS	Taunus Mts	76.65 319	eP	P	13 42 26.5 +0.5
TNS	comp-Z,64nm,1.2s,mb4.4				
TNS	Taunus Mts	76.65 319	eP	P	13 42 26.5 +0.5
TNS			eP		13 42 26.5 +0.5
IBBN	comp-Z,64nm,1.2s,mb5.4				
IBBN	Ibbenburen	76.77 321	eP	P	13 42 27.3 +0.7
IBBN	comp-Z,126nm,1.5s,mb5.6				
BFO	Black Forest	77.01 317	eP	P	13 42 27.8 -0.3
BFO	comp-Z,42nm,1.6s,mb5.5				
BFO	Black Forest	77.01 317	eP	P	13 42 27.8 -0.3
BFO			eP		13 42 27.8 -0.3
BUG	comp-Z,42nm,1.6s,mb5.1				
BUG	Bochum-Univers	77.20 320	eP	P	13 42 29.7 +0.6
LANF	comp-Z,57nm,1.2s,mb5.5				
LANF	Langenberg	77.25 318	eP	P	13 42 29.7 +0.3
LANF	Langenberg	77.25 318	eP	P	13 42 29.7 +0.3
LAND	Feldberg im Sc	77.30 316	eP	P	13 42 29.5 -0.2
PGF	Pioggiola	77.48 311	eP	P	13 42 30.4 -0.4
PGF	comp-Z,56nm,1.2s,mb5.4				
PGF	Pioggiola				

Table of astronomical observations for 22d 13h, listing stations like CAF, MIR, MTLF, etc., and their respective coordinates and observation times.

Table of astronomical observations for 22d 13h, listing stations like ILAR, MSU, SDCO, etc., and their respective coordinates and observation times.

Table of astronomical observations for 22d 13h, listing stations like TBI, ECSD, MSU, etc., and their respective coordinates and observation times.

ISCJB 22 13:38:19.3±0.8, 13:88N±0.07; 145:2E±0.1, h101km, 6km, mb4.0/17, Error ellipse: s-maj=20.5km s-min=12.1km

IDC 22 13:38:19.2±0.8, 13:93N±145:30E, h86km, 6km, mb3.7/15, mb1.9/15, mb1mx3.8/25, mbtmp3.8/25, MS4.0/1, MS1.4/0.1, ms1mx3.2/25, Error ellipse: s-maj=23.1km s-min=12.4km az=97.0

NEIC 22 13:38:20.0±0.9, 13:90N±145:21E, h97km, 8km, mb4.6/2, Error ellipse: s-maj=16.8km s-min=9.5km az=99.0

ISC 22 13:38:20.0±0.8, 13:89N±0.07; 145:2E±0.1, h94km, 7km, n34, c079/30, mb4.0/17, Mariana Islands

Table with columns: Code, Station Name, Az, ZD, Op, Phase ID, Time Res, h, s, ISC. Lists various stations and their associated data.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JACV, JACUR, MONV, TURV, etc.

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

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

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

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

NEIC 22 14:52:23.1, 33.97S; 70.41W, h96km, MD3.4(GUC), After GUC.

GUC 22 14:52:23.1, 0.8, 33.97S; 70.41W, h96km, 3km, MD3.4, ML3.7, 13C-16D, Chile-Argentina border region

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

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

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

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

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

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

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

ISCJB 22 14:55:56.2, 1.5, 6.09S; 0.09, 128.2E; 0.2, h340km, 18km, mb3.6/5, Error ellipse: s-maj=31.5km s-min=10.3km

NEIC 22 14:55:58.2, 1.6, 12S; 128.21E, h349km, 29km, mb4.0/1, Error ellipse: s-maj=27.0km s-min=16.1km az=99.0

ISC 22 14:56:01.4, 3.4, 6.20S; 128.31E, h388km, 40km, mb3.2/4, mb1 3.2/7, mb1mx3.2/7, mbtmpp3.2/7, Error ellipse: s-maj=52.5km s-min=11.3km az=75.0

ISC 22 14:55:59.2, 1.5, 6.14S; 0.09, 128.4E; 0.2, h363km, 18km, n13, c057/18, mb3.6/5, Banda Sea

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

ISC 22 15:04:46.2, 13.0, 6.43S; 130.03E, h106km, 149km, mb3.9/1, mb1 3.1/4, mb1mx3.0/17, mbtmpp2.9/4, ML3.2/3, Error ellipse: s-maj=85.0km s-min=60.3km az=25.0, Banda Sea

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

ISC 22 15:12:07.8, 3.2, 4.78S; 152.81E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/17, mbtmpp3.6/4, Error ellipse: s-maj=82.7km s-min=37.1km az=108.0, New Britain region

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

ISC 22 15:39:41.7, 31.0, 7.03S; 128.85E, h116km, 168km, mb3.9/1, mb1 3.7/4, mb1mx3.3/17, mbtmpp3.6/4, ML3.8/3, Error ellipse: s-maj=299.9km s-min=106.3km az=3.0, Banda Sea

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

ISCJB 22 15:42:37.7, 0.9, 18.4S; 0.1, 177.7W; 0.1, h613km, 12km, mb3.6/7, Error ellipse: s-maj=25.7km s-min=14.6km az=141.2

ISC 22 15:42:39.0, 2.8, 18.49S; 177.84W, h604km, 36km, mb3.2/7, mb1 3.4/7, mb1mx3.1/19, mbtmpp3.2/7, Error ellipse: s-maj=30.5km s-min=16.8km az=141.0

NEIC 22 15:42:39.6, 2.1, 18.44S; 177.83W, h613km, 11km, mb3.4/1, Error ellipse: s-maj=24.2km s-min=15.3km az=95.0

ISC 22 15:42:38.0, 0.9, 18.45S; 177.7W; 0.1, h604km, 12km, n15, c106/12, mb3.6/7, Fiji Islands region

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

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

ISC 22 15:44:08.2, 0.9, 8.23N; 103.95W, h0km, mb4.0/8, mb1 4.4/8, mb1mx4.2/20, mbtmpp4.0/8, MS4.0/19, Ms1 4.0/19, ms1mx3.9/24, Error ellipse: s-maj=51.9km s-min=16.5km az=62.0

BUI 22 15:44:10.4, 8.30N; 103.60W, h20km, mb5.2/3, Ms5.0/3, Ms7 4.5/3

NEIC 22 15:44:10.5, 0.6, 8.31N; 103.62W, h10km, mb4.5/24, Error ellipse: s-maj=17.3km s-min=8.9km az=54.0

ISCJB 22 15:44:13.0, 0.5, 8.40N; 103.47W; 0.08, h33km, mb4.3/31, MS4.1/18, Error ellipse: s-maj=11.9km s-min=7.8km az=151.8

GCMT 22 15:44:14.4, 0.4, 8.45N; 103.62W, h13km, 2km, MW4.9, Moment Tensor Solution. s19c2; s57c84; Moment tensor: Scale 10^16Nm; M1r-0.28; M11; M20.93; M11; M20.65; M11; M1-1.07; M1-1.96; M11; M20.53; M26; Best double couple: M2.40000; 1016; NP1.352.00000; 570.00000; 11.00000; NP2.258.00000; 880.00000; 7160.00000; Principal axes: T 2.7200, P1g22.0000, Azm213.0000; N -0.7300, P1g67.0000; Azm51.0000; P -1.2900, P1g6.0000; Azm306.0000; Data Used: IU II IC G CN

ISC 22 15:44:13.4, 6.9, 8.42N; 0.1, 103.67W; 0.2, h22km, 45km, n122, c086/95, mb4.3/31, MS4.1/18, 24C-26D, Northern East Pacific Rise

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





22d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like J13A Cove Ranch, I13A Wildhorse Cree, H13A Challi, P14A Drum Mountains, G13A Cobal, F13A Darby, L14A Malta, H14A Mackay, H14A Leadore, H15A Arbon, MCMT McKenzie Canyo, H15A Lima, G15A Dillon, K16A Soda Springs, C15A Salmond Ranch, G16A Moss Hill, F17A Fitzpatrick, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, D17A Six Diamond Ra, C17A Wharram Farm, B17A L&G Farms, I18A Diamond G Ranc, A17A Triple J Farms, BW06 Boulder Array, PDAR Pinedale Array, E18A Harlowton, F18A Big Timber, EGMT Eagleton, C19A Slack Wire Ran, E19A Rath Farm, SNA1 Snae, G20A Bridger, E20A Meyer Farm, LAO LASA Array, TXAR Lajitas Array, BOSA Boshof, TORD Torodi Ar, TORD Torodi Ar.

ISCJB 22 18:02:48.0±0.7, 52.66S; 0.10±0.18, 7E±0.2, h10km, mb4.1/9, MS3.6/8, Error ellipse: s-maj=20.1km s-min=13.9km az=168.6
IDC 22 18:02:48.3±0.7, 52.63S; 18.86E, h0km, mb4.1/9, mb1.4/2.9, mb1mx4.0/18, mbtmp4.5/19, MS3.7/8, Ms1.3/7.8, ms1mx3.5/22, Error ellipse: s-maj=27.3km s-min=18.4km az=66.0
NEIC 22 18:02:49.0±0.5, 52.59S; 18.86E, h10km, mb3.6/1, Error ellipse: s-maj=16.6km s-min=12.3km az=65.0
ISC 22 18:02:49.0±0.7, 52.69S; 0.10±0.18, 8E±0.2, h10km, n24, o59/15, mb4.1/9, MS3.6/8, Southwest of Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAIT Maitri, SUR Sutherland, SNA1 Snae, SNA2 Snae, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, BOSA Boshof, MAW Mawson, MAW Mawson, LBTB Lobathe, QSPA South Pole Qui, QSPA, PLCA Paso Flores, CPUP Villa Florida, CPUB Cupib, DBIC Dimbokro, BDFB Brasilia, TORD Torodi Ar, TORD Torodi Ar, LPAZ La Paz, LPAZ Alice Springs, WRA Warramunga Arr, SONM Songlo Arr, PDAR Pinedale Array, LAO LASA Array, NVAR Mina Array, ILAR Eielson Array.

ISCJB 22 18:13:01.8±0.3, 4.15N; 0.1±0.96, 0E±0.2, h2km, 20km, mb3.8/5, MS3.8/3, Error ellipse: s-maj=27.2km s-min=16.7km az=154.1
IDC 22 18:13:02.0±1.4, 15.41N; 95.93E, h0km, mb3.8/4, mb1.3/9.5, mb1mx3.5/26, mbtmp3.8/5, ML4.0/1, MS3.7/4, Ms1.3/7.4, ms1mx3.0/29, Error ellipse: s-maj=24.4km s-min=21.7km az=56.0
NEIC 22 18:13:08.0±1.0, 15.68N; 96.18E, h35km, mb4.0/1, Error ellipse: s-maj=17.8km s-min=15.8km az=192.0
ISC 22 18:13:04.1±0.9, 15.7N; 0.1±0.96, 0E±0.2, h8km, 22km, n13, o87/11, mb3.8/5, MS3.8/3, Near south of Myanmar

2008 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAR Shilling, CMAR Prapat, CMAR Makanchi Array, CMAR Korea Array, CMAR Kurchatov, ZALV Zalesovo Beam, MJAR Matsushiro Arr, AKTK Aktubinsk, AKTO Aktubinsk, WRA Warramunga Arr, BOSA Boshof.

CSEM 22 18:24:58.8±0.4, 37.68N; 36.07E, h8km, MD2.8, Error ellipse: s-maj=12.3km s-min=5.7km az=160.0
DDA 22 18:24:58.8±0.7, 37.51N; 36.17E, h7km, Gkm, MD2.8
ISK 22 18:24:58.0±0.7, 37.65N; 36.16E, h2km, ML2.3
ISCJB 22 18:24:59.0±0.6, 37.56N; 36.14E±0.04, h17km, 6km, Error ellipse: s-maj=10.9km s-min=7.7km az=161.1
ISC 22 18:24:59.0±0.6, 37.55N; 0.06±0.36, 14E±0.04, h17km, 4km, n24, o95/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANDN Andirin, ANDN Andirin, KOZT Kozan, KOZT Kozan, KMRS Kahramanmaras, KMRS Kahramanmaras, CEYT Ceyhan, CEYT Ceyhan, KARA Karaisal, KARA Karaisal, GAZ Gaziantep, GAZ Gaziantep, GULE Gulek, GULE Gulek, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, YAYL Yayladag, YAYL Yayladag, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, MALT Malatya, MALT Malatya, MYA Malatya, MYA Malatya.

ISCJB 22 18:49:57.5±0.4, 32.65N; 0.03±0.105, 67E±0.04, h10km, mb3.7/7, Error ellipse: s-maj=5.6km s-min=4.5km az=26.5
IDC 22 18:49:58.1±0.9, 32.62N; 105.48E, h0km, mb3.7/7, mb1.3/7.10, mb1mx3.6/27, mbtmp3.5/10, ML3.4/2, Error ellipse: s-maj=35.4km s-min=16.9km az=56.0
BUJ 22 18:49:59.1±0.2, 32.65N; 105.55E, h14km, mb4.5/3, mb4.2/3, ML3.8/14, MS3.7/8, Ms7.3/4.2
NEIC 22 18:49:59.5±0.5, 32.68N; 105.50E, h10km, Error ellipse: s-maj=15.8km s-min=8.2km az=64.0
ISC 22 18:49:59.0±0.4, 32.66N; 0.03±0.105, 66E±0.04, h10km, n19, o192/31, mb3.7/7, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, ENH Enshi, ENH Enshi, GYA Guiyang, GYA Guiyang, WHN Wahan, WHN Wahan, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTO GTO, GTO GTO, SONM Songlo Arr, SONM Songlo Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KSRS Korea Array, KSRS Korea Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, FINES FINESS Array, FINES FINESS Array, AKASG Malin Array, AKASG Malin Array.

ISCJB 22 19:06:04.9±0.5, 38.05N; 0.02±0.194E±0.03, h10km, Error ellipse: s-maj=3.7km s-min=3.3km az=40.2
ATH 22 19:06:04.9±0.5, 38.05N; 0.21±0.94E, h5km, 3km, MD3.1/9
CSEM 22 19:06:04.0±0.1, 38.03N; 0.21±0.94E, h5km, ML1.4/5, Error ellipse: s-maj=2.7km s-min=2.2km az=41.0
THE 22 19:06:05.6±0.7, 38.07N; 0.21±0.94E, h10km, 1km, ML1.4/5, Error ellipse: s-maj=1.7km s-min=0.5km az=41.0
ISC 22 19:06:05.3±0.5, 38.05N; 0.03±0.2195E±0.03, h8km, 8km, n29, o55/55, Greece

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, NOA NORASR Array, NOA NORASR Array, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, FINES FINESS Array, FINES FINESS Array.

ISCJB 22 19:06:04.9±0.5, 38.05N; 0.02±0.194E±0.03, h10km, Error ellipse: s-maj=3.7km s-min=3.3km az=40.2
ATH 22 19:06:04.9±0.5, 38.05N; 0.21±0.94E, h5km, 3km, MD3.1/9
CSEM 22 19:06:04.0±0.1, 38.03N; 0.21±0.94E, h5km, ML1.4/5, Error ellipse: s-maj=2.7km s-min=2.2km az=41.0
THE 22 19:06:05.6±0.7, 38.07N; 0.21±0.94E, h10km, 1km, ML1.4/5, Error ellipse: s-maj=1.7km s-min=0.5km az=41.0
ISC 22 19:06:05.3±0.5, 38.05N; 0.03±0.2195E±0.03, h8km, 8km, n29, o55/55, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LAKA Lakka, LAKA Lakka, LAKA Lakka, LAKA Lakka, TRIZ Trizonia, TRIZ Trizonia, TRIZ Trizonia, GUR Goura, GUR Goura, GUR Goura, GUR Goura, KALE Kalithea, KALE Kalithea, GAZ Gaziantep, GAZ Gaziantep, EFP Efpalio, EFP Efpalio, EFP Efpalio, EFP Efpalio, RIOS Riols of Patr, RIOS Riols of Patr, RIOS Riols of Patr, RIOS Riols of Patr, DSF Desfina, DSF Desfina, DSF Desfina, DSF Desfina, VLX Vlachokerasia, VLX Vlachokerasia, VLX Vlachokerasia, VLX Vlachokerasia, LTK Loutraki, LTK Loutraki, LTK Loutraki, LTK Loutraki, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, DID Didima, DID Didima, DID Didima, DID Didima, DID Didima, DID Didima, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika.

DDA 22 19:11:38.5±0.7, 37.56N; 36.20E, h7km, 6km, MD2.9
ISK 22 19:11:38.3±0.7, 37.59N; 36.18E, h3km, ML2.1
ISCJB 22 19:11:39.0±0.4, 37.60N; 0.04±0.36, 18E±0.04, h6km, 6km, Error ellipse: s-maj=6.9km s-min=5.1km az=141.8
CSEM 22 19:11:39.0±0.4, 37.63N; 36.08E, h8km, MD2.9, Error ellipse: s-maj=12.2km s-min=7.9km az=153.0
ISC 22 19:11:40.0±0.6, 37.59N; 0.04±0.36, 16E±0.04, h11km, 4km, n22, o104/33, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANDN Andirin, ANDN Andirin, ANDN Andirin, ANDN Andirin, KOZT Kozan, KOZT Kozan, KMRS Kahramanmaras, KMRS Kahramanmaras, KMRS Kahramanmaras, KMRS Kahramanmaras, GAZ Gaziantep, GAZ Gaziantep, PINB Pinarbasi, PINB Pinarbasi, PINB Pinarbasi, PINB Pinarbasi, GULE Gulek, GULE Gulek, GAZ Gaziantep, GAZ Gaziantep, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, YAYL Yayladag, YAYL Yayladag, YAYL Yayladag, YAYL Yayladag, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, MALT Malatya, MALT Malatya, MALT Malatya, MYA Malatya, MYA Malatya, MYA Malatya.

JMA 22 19:24:28.6±0.1, 43.92N; 148.00E, h11km, M4.0, Kuril Islands

KRSC 22:19:24:39.7:0.8,55.70N-162.14E,h24km,24km,ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists various stations like KBTR, ZLNL, ZLZN, etc.

IDC 22:19:25:26.8:0.5,23.93Sx175.78W,h0km,mb4.4/18, mb1.4,6/19,mb1mx4.5/23,mbtmp4.4/19,ML4.5/1,MS4.0/14, Ms1.3/9/14,ms1mx3.8/25,Error ellipse: s-maj=20.6km s-min=16.3km az=126.0

NEIC 22:19:25:29.7:5.0,23.97Sx175.77W,h19km,mb9km,mb4.9/8, Error ellipse: s-maj=12.0km s-min=9.8km az=108.0

ISCJBJ 22:19:25:30.2:0.3,23.99S:0.07:175.86W:0.08,h33km, mb4.6/29,MS4.0/12,Error ellipse: s-maj=11.4km s-min=9.5km az=141.3

ISC 22:19:25:32.1:0.4,24.01S:0.07:175.80W:0.08,h35km,n76, s1509/48,mb4.6/29,MS4.0/12,1D, South of Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like MSVF, AFI, AFI, RAR, RAR, RAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like VNA3, VNA2, PLCA, MSU, MNTX, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like KECS, VYHS, VYHS, etc.

CASC 22:20:10:09.1:1.5,8.46N-82.94W,h4km,MD3.6,1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like ACR, BRU, ACR, etc.

SZGRF 22:20:53.9,23.73S:178.72W,h33km, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like MSVF, AFI, AFI, etc.

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

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

GUMG 22:20:10:09.1:1.5,8.46N-82.94W,h4km,MD3.6,1C, Panama-Costa Rica border region

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







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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBF, SFF, SMRF, FRF, LMR, etc.

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





Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like EYMN Ely, KOLS Kolonickie sedl, KEST Kesra, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like Z23A Rita Site, W225A Deer Hill, X21A Alamosita Cree, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Urumqi, WMQ, PETK, SONM, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUMO, WRA, ILAR, NVAR, NEIC, etc.









23d 6h

Table with columns: EKS2, Erkin-Say, SNR=9.6, 3.45 352 P, Pn, 04 28 45.3 +3.6, etc.

IDC 23 04:34:02.0, 2.0, 32.94N, 60.28E, h0km, mb3.8/1, mb1.4/0.14, mb1mx3.8/28, mbtmp3.9/14, ML2.8/1, MS3.1/3, Ms1.3/1.3, ms1mx2.7/34, Error ellipse: s-maj=19.1km, s-min=16.1km az=9.0

ISCJB 23 04:34:02.5, 0.4, 32.96N, 60.04E, 0.04, h10km, mb3.8/13, MS3.0/3, Error ellipse: s-maj=6.1km, s-min=3.9km az=150.3

CSEM 23 04:34:03.2, 0.2, 32.96N, 60.33E, h2km, ML4.2, Error ellipse: s-maj=6.8km s-min=4.5km az=147.0

TEH 23 04:34:05.9, 3.3, 02N, 60.18E, h5km, TEF 23 04:34:06.4, 0.6, 33.04N, 60.11E, h15km, ML3.9, NEIC 23 04:34:06.1, 3.3, 01N, 60.15E, h6km, mb3.8/2, ML4.0(THR), MN4.2(TEH), After TEH

ISC 23 04:34:04.0, 4.0, 32.99N, 60.30E, 0.04, h10km, n116, o171/126, mb3.8/13, MS3.0/3, 5C-2D, Northern and central Iran

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

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

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Table with columns: IDMV, Damavand, 7.31 293 ePn, Pn, 04 35 51.2 0.0, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

Table with columns: IDMV, Damavand, 7.32 275 ePn, Pn, 04 35 52.8 +1.4, etc.

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Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

Table with columns: CMSA, Cobar Meteorol, 38.96 241 eP, P, 06 15 10.3 -0.3, etc.

IDC 23 04:37:32.2, 2.2, 20.2, 179.64W, h0km, mb4.0/3, mb1.4/2.4, mb1mx3.9/16, mbtmp4.1/4, ML4.3/1, Error ellipse: s-maj=406.5km s-min=60.3km az=68.0, South of Fiji Islands

ISCJB 23 06:07:51.7, 1.5, 17.15S, 0.07E, 174.28W, 0.08, h92km, 1.3km, mb4.2/28, Error ellipse: s-maj=14.5km, s-min=8.1km az=43.0

NEIC 23 06:07:53.0, 0.9, 17.11S, 174.29W, h89km, 9km, mb4.3/17, Error ellipse: s-maj=10.0km s-min=5.3km az=134.0

IDC 23 06:07:57.2, 0.6, 17.26S, 174.16W, h129km, 5km, mb4.2/14, mb1.4/4.15, mb1mx4.3/21, mbtmp4.3/15, MS3.4/4, Ms1.3/4.4, ms1mx3.0/22, Error ellipse: s-maj=21.2km, s-min=12.7km az=134.0

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

ISC 23 06:07:53.2, 1.4, 17.17S, 0.08E, 174.26W, 0.08, h91km, 1.3km, h129km, 1.7km, pP, n188, o0975/50, mb4.2/28, 75C-5D, Tonga Islands

V17A	Tonaleia, Kykot	79.75	48	USP	S	P	06 20 25.6 +0.5
Q14A	Sevier Lake (B)	79.77	44	USP	S	P	06 20 24.8 -0.3
U16A	Tuba City	79.78	47	USP	S	P	06 20 25.8 +0.7
Y19A	Nutrisio	80.06	50	USP	S	P	06 20 28.1 +1.3
Z20A	Nine Sixteen R	80.15	51	USP	S	P	06 20 28.1 +0.8
P14A	Drum Mountains	80.22	43	USP	S	P	06 20 27.7 +0.1
S16A	Weppner Ranch,	80.25	46	USP	S	P	06 20 28.0 +0.3
X19A	St. Johns	80.25	49	USP	S	P	06 20 28.8 +1.0
V17A	Ganado	80.41	48	USP	S	P	06 20 29.1 +0.4
T17A	Navajo Res., N	80.43	47	USP	S	P	06 20 29.1 +0.4
R16A	Teasdale	80.61	45	USP	S	P	06 20 29.3 -0.3
Y20A	Horse Springs,	80.68	50	USP	S	P	06 20 30.1 0.0
U18A	Rough Rock, Ch	80.80	47	USP	S	P	06 20 30.5 -0.2
X20A	Quemado	80.89	50	USP	S	P	06 20 32.3 +1.1
T18A	Mexican Hat	81.14	47	USP	S	P	06 20 32.1 -0.5
W20A	Ramah	81.16	49	USP	S	P	06 20 33.2 +0.5
R17A	Hanksville Air	81.20	45	USP	S	P	06 20 32.2 -0.6
I12A	Atlanta	81.20	39	USP	S	P	06 20 31.5 -1.2
U19A	Dine' College,	81.20	48	USP	S	P	06 20 33.3 +0.4
Z22A	Elephant Butte	81.43	51	USP	S	P	06 20 34.4 +0.1
HLID	Hailey	81.51	39	USP	S	P	06 20 33.2 -1.1
HLID	Hailey	81.51	39	USP	P	P	06 20 00.7 +0.2
HLID	4.6nm, 1.4s, mb4.1						
SRU	San Rafael	81.67	45	EP	P	P	06 20 32.8
SRU	1.1nm, 0.8s, mb3.7						06 20 02.1 +0.6
SRU	Socorro	81.73	51	USP	S	P	06 20 35.9
Y22A	81.73	51	USP	S	P	P	06 20 36.6 +0.9
R18A	Canyonlands Na	81.74	46	USP	S	P	06 20 35.4 -0.3
324A	Moseley Ranch,	81.75	54	USP	S	P	06 20 34.8 -1.1
G12A	Big Creek, Yel	81.84	38	USP	S	P	06 20 34.6 -1.4
425A	Indio Mountain	81.85	54	USP	S	P	06 20 36.6 +0.2
J14A	Carey	81.93	40	USP	S	P	06 20 35.5 -1.0
MNTX	Cornudas Mount	81.94	53	USP	S	P	06 20 36.2 -0.7
S19A	Harvey Farm, M	81.95	47	USP	S	P	06 20 36.7 -0.1
626A	Big Bend Ranch	82.00	56	USP	S	P	06 20 37.7 +0.4
O17A	Robinson Place	82.07	44	USP	S	P	06 20 36.5 -0.9
325A	Bean Ranch, Si	82.11	54	USP	S	P	06 20 37.5 -0.3
R19A	Curley Farm, L	82.13	46	USP	S	P	06 20 36.6 -1.1
TXAR	Lajitas Array	82.28	56	P	P	P	06 20 04.6 -0.3
TXAR	0.9nm, 0.9s, mb3.6, baz=209, slow=9.4, SNR=8.0						
U21A	Nagezi	82.37	48	USP	S	P	06 20 37.3 +8.4
U21A	1.8nm, 1.1s, baz=224, slow=7.0, SNR=5.8						
225A	Deer Hill, Car	82.54	53	USP	S	P	06 20 39.8 -0.2
426A	McDonald Obser	82.55	55	USP	S	P	06 20 39.9 -0.2
627A	Terlingua Ranc	82.55	56	USP	S	P	06 20 40.0 -0.1
J15A	Blackfoot	82.64	40	USP	S	P	06 20 39.6 -0.7
527A	Woodward Ranch	82.66	55	USP	S	P	06 20 40.8 +0.1
R20A	Redvale	82.69	46	USP	S	P	06 20 41.3 +0.7
S21A	Coal Bank Pass	82.85	47	USP	S	P	06 20 41.4 -0.1
Y24A	Capitan	82.87	51	USP	S	P	06 20 42.2 +0.5
P19A	Cripple Cowboy	82.97	45	USP	S	P	06 20 41.7 -0.4
226A	Malaga, Loving	83.08	54	USP	S	P	06 20 43.1 +0.3
427A	Hayter Ranch,	83.11	55	USP	S	P	06 20 43.3 +0.3
Q20A	Ridgley Place,	83.11	46	USP	S	P	06 20 42.5 -0.3
V23A	Ortiz Mt. (NFS)	83.12	49	USP	S	P	06 20 43.3 +0.3
P20A	De Beque	83.31	45	USP	S	P	06 20 43.0 -0.8
R21A	Cimarron	83.35	47	USP	S	P	06 20 43.4 -0.7
U23A	Ei Rito	83.38	49	USP	S	P	06 20 44.1 -0.2
G15A	Dillon	83.54	39	USP	S	P	06 20 43.7 -1.2
S22A	4UR Ranch, Cre	83.57	47	USP	S	P	06 20 45.0 -0.2
E14A	Clinton	83.62	37	USP	S	P	06 20 43.9 -1.3
K18A	Toltan Ranch,	83.75	42	USP	S	P	06 20 45.0 -1.1
R22A	Saguache, Gunn	83.84	47	USP	S	P	06 20 45.9 -0.7
L19A	Farson	83.92	43	USP	S	P	06 20 45.4 -1.6
D14A	Greenough	83.97	37	USP	S	P	06 20 44.8 -2.3
Q22A	Crested Butte,	84.02	46	USP	S	P	06 20 46.5 -1.1
N20A	Spence Gulch,	84.03	44	USP	S	P	06 20 46.1 -1.4
H16A	Russell Place,	84.05	40	USP	S	P	06 20 46.4 -1.1
J18A	Kendall Valley	84.05	41	USP	S	P	06 20 46.2 -1.4
BW06	Boulder Array	84.12	42	USP	S	P	06 20 45.9 -2.1
PDAR	Pinedale Array	84.12	42	P	P	P	06 20 13.8 -0.3
PDAR	1.0nm, 0.8s, mb3.7, baz=251, slow=2.2, SNR=9.0						
SMCO	Snowmass	84.12	46	EP	P	P	06 20 14.5 +0.3
SMCO	0.9nm, 0.6s, mb3.8						
COLA	College	84.25	11	EP	P	P	06 20 13.8 -0.4
COLA	9.3nm, 1.3s, mb4.5						06 20 46.9
BOZ	Bozeman (W)	84.31	39	USP	S	P	06 20 47.7 -1.1
BOZ	Bozeman (W)	84.31	39	USP	P	P	06 20 14.7 -0.3
BOZ	0.6nm, 0.7s, mb3.5						
BOZ	Eielsen Array	84.33	11	P	P	P	06 20 47.5
ILAR	0.7nm, 0.7s, mb3.6, baz=237, slow=6.5, SNR=15						06 20 13.9 -0.7
ILAR	1.5nm, 1.0s, baz=232, slow=6.2, SNR=4.8						06 20 47.8 +9.1
N21A	Black Mountain	84.49	45	USP	S	P	06 20 48.8 -1.1
SDCO	Great Sand Dun	84.51	48	USP	S	P	06 20 48.7 -1.3
L20A	Wamsutter	84.54	43	USP	S	P	06 20 48.8 -1.3
O22A	Krempling	84.87	45	USP	S	P	06 20 50.5 -1.3
W27A	Bowe Ranch, En	85.12	51	USP	S	P	06 20 52.0 -1.2
S25A	Roberts Cordova	85.23	48	USP	S	P	06 20 53.2 -0.5
DAWY	Dawson	85.33	15	EP	P	P	06 20 20.2 +0.5
DAWY	0.6nm, 0.7s, mb3.8						06 20 53.1
MAW	Mawson	85.86	199	P	P	P	06 20 22.3 -0.2

VNA2	Neumayer-Watz	91.66	175	EP	P	P	06 20 46.7 -3.2
VNA1	Neumayer-Stat	91.86	176	EP	P	P	06 20 48.5 -2.3
CMAR	Chiang Mai Arr	92.39	288	P	P	P	06 20 55.7 +1.5
CMAR	0.9nm, 0.9s, mb4.5, baz=113, slow=2.5, SNR=7.0						
MKAR	Makanchi Array	111.47	314	PKIKP	PKIKP	PKIKP	06 26 16.1 -0.7
MKAR	0.1nm, 0.4s, baz=64, slow=3.4, SNR=2.7						
KMBO	Kilima Mbojo	144.01	243	PKP	PKP	PKP	06 27 18.0 -1.2
KMBO	6.8nm, 0.9s, baz=180, slow=24, SNR=18						
CLL	Collm	145.45	352	PKP	PKP	PKP	06 27 20.6 0.0
CLL	comp=2.8, 0nm, 1.2s						
CLL	Berggjesshubel	145.74	351	PKP	PKP	PKP	06 27 23.0 -1.5
BRG	ePKIP						06 27 20.9 -0.1
CRVS	Cervenica-Dubn	145.86	341	PKP	PKP	PKP	06 27 25.9 +4.6
BRTR	Keskin Array B	146.97	319	PKP	PKP	PKP	06 27 25.5 0.0
BRTR	comp=2.2, 1nm, 0.7s, baz=127, slow=1.9, SNR=9.6						
BRTR	pPKPbc						06 28 00.6 +1.0
YHES	Vyhne	146.98	344	PKP	PKP	PKP	06 27 26.5 +3.3
YHES	comp=2.1, 3nm, 0.8s, baz=42, slow=2.2, SNR=10.0						06 27 27.4 0.0
YHES	GERESS Array B	147.75	350	PKP	PKP	PKP	06 27 27.6 0.0
CONA	Conrad Observa	148.22	347	PKP	PKP	PKP	06 27 29.1 -1.2
CONA	comp=2.7, 4nm, 1.1s						
SOKA	Soboth	149.59	347	PKP	PKP	PKP	06 27 31.9 -0.3
SOKA	comp=2.7, 5nm, 1.2s						
MOTA	Mosalm	149.59	353	PKP	PKP	PKP	06 27 32.8 -0.3
MOTA	comp=2.5, 2nm, 1.1s						
WTTA	Wattenberg	149.60	352	PKP	PKP	PKP	06 27 32.2 -1.0
WTTA	comp=2.1, 15nm, 1.3s						
DAVA	Damuels	149.78	354	PKP	PKP	PKP	06 27 32.5 -1.0
DAVA	comp=2.1, 12nm, 1.1s						
FETA	Feichten	149.95	353	PKP	PKP	PKP	06 27 33.4 -0.5
FETA	comp=2.7, 10nm, 1.1s						
ABTA	Abfaltersbach	149.98	351	PKP	PKP	PKP	06 27 32.9 -1.0
ABTA	comp=2.1, 1nm, 1.0s						

MEX 23 06:49:0.9, 1.1, 18.21N x 103.46W, h5km, MD3.8, Near coast of Michoacan

Code	Station Name	Δ° AZ°	Phase ID	Time Res
			ISC	h m s ISC
MMIG	Aquila	0.14 56	EP	Pg 06 49 42.7 -1.0
MMIG			Sg	06 49 45.3 -0.2
R15V	R15V	1.07 333	IS	Pn 06 49 58.3 -3.2
R15V			IS	06 50 12.3 -3.1
EZSV	EZSV	1.27 354	EP	Pg 06 50 10.8 -3.5
EZSV			Sg	06 50 19.2 -2.5
ZIIG	Zihuatajejo	2.00 107	IP	Pn 06 50 12.2 -3.1
ZIIG			IS	06 50 36.5 -4.1
SFJM	Santa Fe	2.30 10	IS	Pn 06 50 18.3 -1.0
SFJM			IS	06 50 43.0 -5.2
MOIG	Morelia	2.60 56	EP	Pn 06 50 21.6 -2.1
MOIG			IS	06 50 52.0 -3.7
ANIG	Ahuacatlan	3.00 341	IP	Pn 06 50 26.0 -3.1
ANIG			IS	06 51 01.3 -4.2
MEIG	Mezcala	3.67 94	IP	Pn 06 50 40.8 +2.5
MEIG			IS	06 51 19.5 -2.5

TAP 23 07:03:35.8, 21.84N:121.65E, h137km, ML3.7, 1D, C, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
			ISC	h m s ISC
LAY	Lan-yu	0.22 335	P	Pn 07 03 54.2 -0.3
LAY	baz=336		eS	Pn 07 04 07.8 -0.9
TSEB	Hengchuen, Pin	0.70 275	EP	Pn 07 03 58.3 +1.5
TSEB	baz=277		eS	Pn 07 04 13.7 +0.9
TWK1	Hengchun	0.79 277	P	Pn 07 03 58.2 +0.7
TWK1	baz=277		eS	Pn 07 04 14.5 +0.5
HEN	Hengchun	0.86 281	EP	Pn 07 03 58.9 +0.8
EAST	Anshuo	0.92 306	IP	Pn 07 03 58.7 +0.2
EAST	baz=303		eS	Pn 07 04 15.8 0.0
ECL	Tainali	0.99 319	EP	Sn 07 03 59.5 +0.3
ECL	baz=317		eS	Pn 07 04 15.9 -1.2
TTN	Tai-tung	1.02 333	EP	Pn 07 03 59.7 +0.3
TTN	baz=325		eS	Pn 07 04 16.9 -0.7
SCZT	Fangliang	1.09 299	IP	Pn 07 04 00.5 +0.4
SCZT	baz=303		eS	Pn 07 04 18.1 -0.6
TWG	Piniang	1.11 331	P	Pn 07 04 00.1 -0.3
TWG	baz=331		eS	Pn 07 04 17.9 -1.1
CHKT	Chengkung	1.28 348	EP	Pn 07 04 01.2 -0.8
CHKT	baz=344		eS	Pn 07 07 21.9 -0.1
ELDTW	Lidau	1.46 336	EP	Pn 07 04 05.2 +1.2
ELDTW	baz=337		eS	Pn 07 04 05.8 +0.8
TWM1	Shoushan	1.50 311	EP	Pn 07 04 05.8 +1.5
TWM1	baz=318		eS	Pn 07 04 28.8 +2.7
TWF1	Fangliang	1.54 348	EP	Pn 07 04 03.8 -1.0
STYT	Tauyuan	1.55 328	EP	Pn 07 04 05.8 +0.8
STYT	baz=322		eS	Pn 07 04 27.2 0.0
SGST	Jiashan	1.58 322	EP	Pn 07 04 05.8 +0.5
SGST	baz=315		eS	Pn 07 04 28.0 +0.3
EHY	Hungye	1.68 350	EP	Pn 07 04 06.4 0.0
EHY	baz=342		eS	Pn 07 04 28.3 -1.5
CHN1	Nanshi	1.69 322	IP	Pn 07 04 07.1 +0.6
CHN1	baz=322		S	Pn 07 04 29.8 -0.2
WTP	Wanpu	1.69 326	P	Pn 07 04 06.9 +0.4
WTP	baz=320		S	Pn 07 04 29.9 -0.1

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like ATAB, SARI, ERBA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like FINES, BVAR, HFS, NOA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like CRUM, CSAN, CNGN, etc.

IDC 23 08:56:49.7±1.6, 5:10S:145.33E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.9/17, mbtmp3.9/8, ML3.5/1, Error ellipse: s-maj=52.2km s-min=23.7km az=111.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like WRA, ASAR, FITZ, etc.

MOS 23 09:09:42.6±1.1, 39:48N:33:00E, h10km, mb4.4/22, Error ellipse: s-maj=6.5km s-min=4.4km az=108.7, ISK 23 09:09:42.5, 39:46N:33:04E, h4km, ML4.5, NEIC 23 09:09:42.0, 39:46N:33:05E, h4km, mb4.5/21, ML4.6(ISK), After ISK

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like DDA, CSEM, URSM, etc.

IDC 23 08:16:23.7±0.9, 2:92S:101:28E, h70km, mb3.7/10, mb1 3.9/11, mb1mx3.7/23, mbtmp3.7/11, MS3.8/2, MS1 3.8/2, ms1mx3.1/33, Error ellipse: s-maj=44.5km s-min=13.7km az=54.0, ISK 23 08:16:24.7±0.8, 2:84S:0:09, 101:4E:0:1, h93km, 6km, mb4.0/1, Error ellipse: s-maj=22.6km s-min=6.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like AFSA, AFSR, BBAL, etc.

NEIC 23 08:16:25.2±1.7, 2:92S:101:29E, h84km, mb3.9/2, Error ellipse: s-maj=28.4km s-min=9.8km az=55.0, DUA 23 08:16:27.2±1.81S:101:41E, h49km, ML4.3/10, ISC 23 08:16:25.8±0.8, 2:85S:0:09, 101:4E:0:1, h84km, 6km, n32, o883/28, mb4.0/11, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KRJI, KSI, SSI, etc.

CASC 23 08:56:00.7±2.1, 1:14N:87:71W, h55km, 138km, MD3.9, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for station LEON.















Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP Cherat, KBL Kabul, CHCP Chirah Chowk, THW Thamme Wait, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 23 19:38:40.1, 2C-3D, Error ellipse, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHZ Black Hill Sta, NGF Ngauruhoe, DFE Dawson Falls, etc.

ICD 23 19:28:34.1±0.9, 6.90S; 154.79E, h0km, mb4.2/11, mb1.4/4.11, mb1mx4.3/17, mbmp4.2/11, MS3.7/8, Ms1.3.8/8, ms1mx3.4/25, Error ellipse: s-maj=34.1km s-min=18.9km az=120.0, BUI 23 19:28:35.5, 6.90S; 154.70E, h25km, mB5.4/2, mb4.7/9, Ms5.2/1, Ms7.4/9/1

ISC/JB 23 19:28:40.0±1.8, 6.94S; 0.10:154.62E:0.07, h46km±16km, mb4.6/28, MS3.7/8, Error ellipse: s-maj=16.0km s-min=10.0km az=169.5, NEIC 23 19:28:42.5±1.4, 6.91S; 154.68E, h59km±13km, mb4.8/18, Error ellipse: s-maj=12.8km s-min=11.1km az=162.0, ISC 23 19:28:42.7±1.5, 6.99S; 0.10:154.66E:0.07, h58km±14km, n48, t103/41, mb4/28, MS3.7/8, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, CTA Charters Tower, GUMO Guam, etc.

ISC/JB 23 19:54:57.9±0.9, 31.66N; 104.04E:0.05, h11km±6km, mb4.1/30, MS3.4/4, Error ellipse: s-maj=7.0km s-min=5.2km az=13.7, IDC 23 19:54:57.2±0.7, 31.65N; 104.26E, h0km, mb3.8/15, mb1.3.9/17, mb1mx3.9/29, mbmp3.8/17, ML3.4/2, MS3.4/4, Ms1.3.4/4, ms1mx2.9/36, Error ellipse: s-maj=28.1km s-min=13.9km az=54.0, BUI 23 19:55:00.0, 31.59N; 104.12E, h15km, mb4.5/6, ML4.1/18, Ms4.2/3, Ms7.4/1/3, NEIC 23 19:55:02.2±0.4, 31.61N; 103.95E, mb4.4/24, Error ellipse: s-maj=9.6km s-min=8.0km az=199.0, ISC 23 19:54:59.7±0.8, 31.59N; 0.03:104.09E:0.04, h12km±5km, h30km±1, 0ppm, n74, t126/79, mb4.1/30, MS3.4/4, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2 Chengdu, CD2 Lanzhou, CD2 Kunming, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENH Enshi, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA Gaoli, WLN Wulancha, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHTO Chiang Mai, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ODAN Odare, GUN Gumba, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songo Array, UNL Ulanbaatar, YHNB Yeheng, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKN Kakani, DMN Daman, DMN Daman, etc.

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







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Djebel Bou Aff, Setif, Kef el Ahmar, etc.

ISCJB 23 22:08:26.0±0.3, 61°60'N:02°146'50W:0.0±5, h16km, 5km, mb3.8/15, Error ellipse: s-maj=4.4km s-min=3.6km az=33.0

IDC 23 22:08:26.3±0.6, 61°53'N:146°90'W, h49km, 6km, mb3.6/11, mb1.3/8/14, mb1mx3.6/29, mbtmp3.6/14, MS3.0/5, Ms1.3/0.5, ms1mx2.6/41, Error ellipse: s-maj=13.3km s-min=5.9km az=88.0

NEIC 23 22:08:27.0±0.1, 61°57'N:146°43'W, h33km, mb4.1/4, ML3.8(AEIC), After AEIC

ISC 23 22:08:27.3±0.3, 61°59'N:02°146°52'W:0.0±5, h54km, 5km, h49km, 1.5km, P-P, N5, s106/69, mb3.8/15, MS3.1/2,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SML Sawmill, Palmer, Rabbit Creek A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YBH, WDC, OHMC, RLMT, etc.

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

ISCJB 23 22:13:35.5±0.7, 50°28'N:0°04'18'83E:0.0±4, h0km, Error ellipse: s-maj=6.2km s-min=3.1km az=10.9

CSEM 23 22:13:35.7±0.6, 50°33'N:0°19'82E, h1km, ML2.5/4, Error ellipse: s-maj=3.7km s-min=4.6km az=21.0

PRU 23 22:13:36.4±0.5, 50°33'N:18°80E, h0km

ISC 23 22:13:36.6±0.7, 50°27'N:0°04'18'82E:0.0±3, h0km, m21, c094/33, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

IDC 23 22:16:23.3±1.2, 12°44'N:120°64E, h0km, mb3.5/6, mb1.3/6/6, mb1mx3.5/22, mbtmp3.5/6, Error ellipse: s-maj=31.6km s-min=13.4km az=92.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, etc.

NEIC 23 22:24:10.1, 17°32'N:99°79'W, h18km, MD3.7(MEX), After MEX

MEX 23 22:24:10.1±0.7, 17°32'N:99°79'W, h18km, 11km, MD3.7, Guerrero

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

ISCJB 23 22:26:40.3±0.8, 10°62'N:0°05'62'44W:0.0±3, h85km, 8km, Error ellipse: s-maj=8.3km s-min=4.6km az=158.6

TRN 23 22:26:40.7, 10°60'N:62°33'W, h104km, MD3.1

FUNV 23 22:26:41.2, 10°68'N:62°36'W, h80km, MW2.4

ISC 23 22:26:41.1±0.8, 10°63'N:0°05'62'43W:0.0±3, h81km, 8km, n15, c02/27/21, 1C, Near coast of Venezuela

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

ISCJB 23 22:42:08.7±0.3, 49°00'N:0°02'18'51E:0.0±2, h10km, Error ellipse: s-maj=2.7km s-min=2.3km az=7.4

VIE 23 22:42:08.7±0.4, 48°83'N:18°46E, h5km, mb1.7/3, ML2.2/3, Error ellipse: s-maj=3.3km s-min=2.5km az=54.0 4/8 km

IPEC 23 22:42:09.0±0.1, 48°96'N:18°62E, h2km, 1km, ML2.1/4, Error ellipse: s-maj=1.0km s-min=0.7km az=30.0

CSEM 23 22:42:09.2±0.1, 48°97'N:18°58E, h2km, ML2.9/9, Error ellipse: s-maj=2.8km s-min=2.2km az=8.0

PRU 23 22:42:10.0, 48°96'N:18°57E, h0km, Tectonic Event Near Zilina

ISC 23 22:42:09.6±0.3, 48°97'N:0°02'18'57E:0.0±2, h10km, n43, c1914/76, 2C, Czech and Slovak Republics

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

NEIC 23 22:43:13.1, 32°35'N:71°83'W, h23km, ML2.6(GUC), After GUC

GUC 23 22:43:13.0±0.7, 32°35'N:71°83'W, h23km, 6km, MD3.6, ML2.5, 5C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNG Los Chungos



Table with columns for station name, frequency, power, and other technical details. Includes stations like Daniels Canyon, Rawlins, Jordanelle, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Newport, Longmire, Entiat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Marv??o, Roostren, Rosf, etc.



1003

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for station 1003. Includes stations like Storzhevoye, Summit, Yreka Blue Hor, etc.

2008 SEP

Main table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations. Includes stations like Avril sur Loir, Gorrion, Montbardon, etc.

24d 0h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 24d 0h section. Includes stations like Vila Bisbo, Marmalete, etc.

NEIC 23:24:35.31.3, 16.68N; 100.23W, h5km, MD3.7(MEX), After MEX. MEX 23:24:35.31.3-0.9, 16.68N; 100.23W, h5km, MD3.7, Near coast of Guerrero

WEL 23:25:30.7-0.5, 37.93S; 176.15E, h191km, 4km, ML3.8/1, Error ellipse: s-maj=4.1km s-min=3.6km az=0.0, North Island

IDC 23:25:37.32.9-4.6, 49.55S; 110.27E, h0km, mb4.1/2, mb1 4.3/2, mb1mx3.9/13, mbmtmp4.1/2, Error ellipse: s-maj=221.4km s-min=49.9km az=115.0, Southeast Indian Ridge

MDD 24:00:03:49.9.2.8, 37.47N; 15.95W, h0km, mb3.8/7, Error ellipse: s-maj=36.2km s-min=21.5km az=165.0, PRXIMO NEIC 24:00:03:50.0, 37.50N; 15.94W, h0km, MG3.8(MDD), After MDD.

INMG 24:00:03:51.8.1.1, 37.30N; 16.32W, h10km, ML2.4, Error ellipse: s-maj=11.6km s-min=4.4km az=128.0 CSEM 24:00:03:55.0.0.4, 37.51N; 15.48W, h10km, ML3.2/10, Error ellipse: s-maj=12.5km s-min=5.8km az=170.0

ISC 24:00:03:55.0.1.3, 37.64N; 15.50W, h10km, n67, 0.62/101, Azores-Cape St. Vincent Ridge

SKO 24:00:31:46.0, 41.56N; 19.52E, h2km TIR 24:00:31:46.8.2.1, 41.43N; 19.50E, h13km, 4.3km, ML2.9 ISCJR 24:00:31:46.6.0.4, 41.43N; 19.02E; 19.47E; 0.02, h5km, 3km,











W16A	Flagstaff	18.32 344	↑P	Pn	02 37 20.6 +1.0
V22A	San Miguel Ran	18.37 356	↑P	Pn	02 37 21.4 +1.3
V19A	Window Rock	18.40 351	↑P	Pn	02 37 21.4 +0.9
V20A	Brimhall	18.40 352	↑P	Pn	02 37 21.2 +0.6
BC3	Big Chukawall	18.40 333	↑P	Pn	02 37 20.5 -0.1
PDMCI	Parker Dam,Lak	18.43 337	↑P	Pn	02 37 21.4 +0.5
V18A	Ganado	18.55 348	↑P	Pn	02 37 23.0 +0.6
109C	Camp Elliot, M	18.56 328	↑P	Pn	02 37 23.1 +0.6
X13A	Yucca	18.58 338	↑P	Pn	02 37 22.4 -0.4
W15A	Williams	18.60 342	↑P	Pn	02 37 23.7 +0.6
V17A	Tonalea, Kykot	18.64 346	↑P	Pn	02 37 23.7 +0.2
IRM	Iron Mountain	18.71 334	P	Pn	02 37 23.6 -0.7
U23A	El Rito	18.75 358	P	Pn	02 37 24.6 -0.1
U24A	Moreno Valley	18.82 0	↑P	Pn	02 37 26.8 +1.2
PFO	Pinyon Flat Ob	18.82 330	P	Pn	02 37 25.3 -0.4
PFO	Pinyon Flat Ob	18.82 330	eP	Pn	02 37 24.5 -1.2
PFO	Pinyon Flat Ob	18.82 330	eP	Pn	02 37 24.5 -1.2
PFO	Pinyon Flat Ob	18.82 330	Pn	Pn	02 37 25.0 -0.7
U22A	Liaves	18.82 356	↑P	Pn	02 37 25.9 +0.2
U25A	Circle D Ranch	18.83 3	↑P	Pn	02 37 25.5 -0.3
U26A	Atchley Ranch,	18.86 4	↑P	Pn	02 37 26.0 -0.1
W14A	Seligman	18.89 340	↑P	Pn	02 37 26.2 -0.2
U21A	Nageezi	18.93 355	↑P	Pn	02 37 26.7 -0.4
BELC	Belle Mtn. Jos	18.94 332	↑P	Pn	02 37 26.4 -0.7
U20A	Newcomb	18.98 352	↑P	Pn	02 37 27.1 -0.4
U19A	Dine' College	18.99 351	↑P	Pn	02 37 27.3 -0.4
NEE2	Needles Airpor	19.02 336	↑P	Pn	02 37 28.2 0.0
W13A	Hualapai Mount	19.05 338	↑P	Pn	02 37 28.6 +0.2
MURC	Murrieta	19.17 329	↑P	Pn	02 37 29.6 -0.4
V15A	Kaibab Nationa	19.18 343	↑P	Pn	02 37 29.4 -0.6
U16A	Tub City	19.22 346	↑P	Pn	02 37 30.7 +0.3
U18A	Rough Rock, Ch	19.23 349	↑P	Pn	02 37 29.9 -0.7
V14A	Boquillas Ranc	19.28 341	↑P	Pn	02 37 31.0 -0.2
SC1	San Clemente I	19.39 325	↑P	Pn	02 37 31.4 -1.1
T23A	Casias Ranch,	19.45 359	↑P	Pn	02 37 32.9 -0.3
GMRC	Granite Mounta	19.45 334	↑P	Pn	02 37 32.8 -0.5
T22A	Edith	19.46 357	↑P	Pn	02 37 33.0 -0.3
T24A	Torres, Weston	19.48 1	↑P	Pn	02 37 32.8 -0.8
T21A	Navajo Lake	19.48 355	↑P	Pn	02 37 33.2 -0.4
LDFC	Landfair	19.49 336	↑P	Pn	02 37 33.1 -0.6
T19A	Deblatio	19.49 351	↑P	Pn	02 37 32.2 -1.5
U17A	Shonto	19.55 347	↑P	Pn	02 37 34.1 -0.4
T25A	Trinidad	19.56 2	↑P	Pn	02 37 33.5 -1.1
W12A	Cal Nev Ari	19.59 336	↑P	Pn	02 37 34.4 -0.5
CIS	Catalina Islan	19.64 326	↑P	Pn	02 37 34.1 -1.4
V13A	Grand Canyon W	19.77 339	↑P	Pn	02 37 36.1 -0.9
U15A	North Rim	19.78 344	↑P	Pn	02 37 36.3 -0.8
HEC	Hector,Ludlow	19.78 333	↑P	Pn	02 37 36.5 -0.7
VBMS	Vicksburg	19.91 40	↑P	Pn	02 37 36.3 -2.4
BFSC	Mount Baldy Ra	19.91 329	↑P	Pn	02 37 37.4 -1.4
T18A	Mexican Hat	19.93 350	↑P	Pn	02 37 37.0 -1.9
V12A	Nelson	19.96 337	↑P	Pn	02 37 37.9 -1.5
T17A	Navajo Res., N	19.97 347	↑P	Pn	02 37 37.8 -1.6
MIAR	Mount Ida	20.01 30	↑P	Pn	02 37 36.5 -3.4
MIAR	Mount Ida	20.01 30	↑P	Pn	02 37 36.5 -3.4
U14A	Mt Trumbull	20.03 342	↑P	Pn	02 37 39.1 +0.7
S24A	Houchin Ranch,	20.05 1	↑P	P	02 37 39.8 +1.3
S25A	Robets Cordova	20.08 2	P	P	02 37 39.4 +0.4
MWC	Mount Wilson	20.10 328	↑P	P	02 37 38.1 -1.1
MWC	Mount Wilson	20.10 328	↑P	P	02 37 38.1 -1.1
T16A	Glen Canyon Da	20.11 346	↑P	P	02 37 40.4 +1.1
S23A	Nye Farm, Mont	20.11 359	↑P	P	02 37 41.1 +1.8
PASC	Paradisa Art C	20.12 328	eP	P	02 37 39.9 +0.5
TUQ	Turquoise Moun	20.13 334	↑P	P	02 37 39.9 0.0
SDCO	Great Sand Dun	20.15 360	↑P	P	02 37 40.2 +0.5
SDCO	Great Sand Dun	20.15 360	↑P	LR	02 37 39.8 +0.1
S21A	Coal Bank Pass	20.17 355	↑P	P	02 37 40.0 +0.1
S22A	4UR Ranch, Cre	20.18 357	↑P	P	02 37 40.3 +0.2
DECC	Green Verdugo	20.26 328	↑P	P	02 37 42.7 +1.8
U13A	Pakoon Wash	20.27 340	↑P	P	02 37 42.5 +1.5
V11A	Goodys Ranch	20.28 336	↑P	P	02 37 41.8 +0.7
T15A	Red Dirt Ranch	20.36 344	↑P	P	02 37 43.4 +1.4
GSC	Goldstone	20.39 332	↑P	P	02 37 43.1 +0.8
GSC	Goldstone	20.39 332	↑P	P	02 37 43.4 0.0
GSC	Goldstone	20.39 332	↑P	Pmax	02 37 42.4 +0.1
S20A	Disappointment	20.39 353	↑P	P	02 37 43.8 +1.4
S19A	Harvey Farm, M	20.41 352	↑P	P	02 37 43.0 +0.5
U12A	Valley of Fire	20.48 339	↑P	P	02 37 44.1 +0.8
S18A	Hurst Farm, Bl	20.49 350	↑P	P	02 37 44.2 +0.8
BLG	Laguna Peak	20.53 326	↑P	P	02 37 43.8 0.0
R25A	Fountain Ranch	20.57 3	↑P	P	02 37 45.8 +1.5
S17A	Black Ridge (B	20.58 348	↑P	P	02 37 45.5 +1.1
EDW2	Edwards Air Fo	20.59 330	P	P	02 37 43.9 -0.6
T14A	Hurricane	20.60 342	↑P	P	02 37 45.6 +1.1
R24A	Sanders Place	20.64 1	P	P	02 37 46.0 +1.1
R22A	Saguache, Gunn	20.66 357	↑P	P	02 37 46.9 +1.7
SHOC	Shoshone	20.67 334	↑P	P	02 37 46.1 +0.7
PV01	Paradox Valley	20.72 353	↑P	P	02 37 45.3 -0.5

OSI	Osito Adit	20.74 328	eP	P	02 37 46.1 -0.1
R20A	Redvale	20.75 353	↑P	P	02 37 47.4 +1.2
SHPR	Sheep Range	20.77 337	eP	P	02 37 45.5 -0.9
U11A	Corn Creek	20.78 337	↑P	P	02 37 47.5 +0.1
UALR	University of	20.79 32	eP	P	02 37 46.8 +0.1
UALR	T12A	Moapa	20.81 339	ePn	02 37 47.6 +0.9
T13A	Saint George	20.81 341	↑P	P	02 37 48.1 +1.2
S16A	Wepner Ranch,	20.84 346	↑P	P	02 37 48.0 +0.9
R21A	Cimarron	20.85 355	↑P	P	02 37 48.6 +1.3
LRMC	Laurel Mountai	20.93 331	↑P	P	02 37 48.5 +0.2
R19A	Curley Farm, L	20.96 352	↑P	P	02 37 48.7 +0.2
S15A	Panguitch	20.98 345	P	P	02 37 49.7 +1.0
PV04	Paradox Valley	21.01 352	↑P	P	02 37 48.1 -0.9
CCUT	Cedar City	21.10 342	↑P	P	02 37 49.8 -0.5
U10A	comp=Z,1um,1.7s,mb5.0	21.14 335	↑P	P	02 37 51.3 +0.8
JTS	JuntasAbangare	21.15 107	P	P	02 37 53.3 +2.6
JTS	JuntasAbangare	21.15 107	↑P	P	02 37 52.3 +1.6
JTS	JuntasAbangare	21.15 107	ePn	LR	02 37 53.0 +2.3
JTS	JuntasAbangare	21.15 107	↑P	MLR	02 37 52.3 +1.6
JTS	JuntasAbangare	21.15 107	Pn	MLR	02 37 53.9 +3.2
R18A	Canyonlands Na	21.15 350	↑P	P	02 37 51.3 +0.8
ARVC	Arvin	21.20 328	↑P	P	02 37 51.1 0.0
S14A	Cedar City	21.27 343	P	P	02 37 52.5 +0.7
Q22A	Creded Butte,	21.30 357	↑P	P	02 37 53.2 +1.0
S13A	Holt Ranch, En	21.31 341	P	P	02 37 52.6 +0.4
Q23A	Hazel, SNR=116	21.31 359	↑P	P	02 37 52.7 +0.5
Q21A	Lamborn Mesa,	21.32 355	↑P	P	02 37 53.1 +0.8
R17A	Hanksville Air	21.32 349	↑P	P	02 37 52.7 +0.3
MPMC	Manual Propsec	21.33 332	↑P	P	02 37 53.1 +0.7
Q25A	Bedland, Calha	21.34 3	↑P	P	02 37 53.4 +0.8
R16A	Teasdale	21.35 347	P	P	02 37 53.2 +0.6
Q24A	Divide	21.37 1	↑P	P	02 37 52.9 0.0
ARUT	Antelope Range	21.37 342	eP	P	02 37 52.7 -0.2
ARUT	Antelope Range	21.37 342	eP	P	02 37 52.7 -0.2
FURC	Furnace Creek,	21.40 334	↑P	P	02 37 53.1 -0.2
BRAL	Brewton	21.44 48	↑P	LR	02 37 58.3 +4.5
ISA	Isabella	21.45 330	↑P	P	02 37 53.5 -0.3
ISA	Isabella	21.45 330	eP	P	02 37 53.4 -0.4
ISA	Isabella	21.45 330	eP	P	02 37 53.4 -0.4
R15A	Junction	21.46 345	↑P	P	02 37 54.5 +0.7
Q20A	Ridley Place	21.50 354	↑P	P	02 37 54.7 +0.5
PKM	Peak Mountain	21.53 326	↑P	P	02 37 54.7 +0.1
DAC	Darwin (Calif)	21.55 332	PFAKE	LR	02 38 00.0 +5.1
Q19A	Hogan Spring (	21.61 352	↑P	P	02 37 55.8 +0.3
SMCO	Swomasa	21.62 357	eP	P	02 37 55.0 -0.5
MSU	Marysville	21.73 346	eP	P	02 37 56.3 -0.4
MSU	Marysville	21.73 346	eP	Pmax	02 37 56.3 -0.4
MVU	Marysville	21.73 346	PFAKE	LR	02 38 10.0 +1.3
P23A	Jefferson	21.78 359	↑P	P	02 37 57.9 +0.6
CBKS	Cedar Bluff	21.80 12	↑P	P	02 37 57.5 0.0
CBKS	Cedar Bluff	21.80 12	↑P	P	02 37 55.5 -2.0
CBKS	Cedar Bluff	21.80 12	↑P	LR	02 37 55.5 -1.9
CBKS	Cedar Bluff	21.80 12	↑P	Pmax	02 37 55.5 -1.9
Q18A	Raffer H Ranch	21.89 350	↑P	P	02 37 58.6 +0.1
R13A	O'Grain Ranch,	21.89 342	↑P	P	02 37 59.9 +1.4
Q16A	Castle Valley	21.89 348	↑P	P	02 37 59.5 +1.0
CWC	Cottonwood Cre	21.91 332	↑P	P	02 37 59.3 +0.6
P24A	Kohler Place,	21.92 1	↑P	P	02 37 59.9 +1.1
P25A	Willow Gulch B	21.94 3	↑P	P	02 37 59.2 +0.2
SMCM	Simmler	21.94 327	↑P	P	02 37 59.2 +0.1
SRU	San Rafael	21.96 349	↑P	P	02 37 59.3 +0.1
P21A	Newcastle	21.99 356	↑P	P	02 37 59.6 0.0
P22A	Eagle	22.02 357	↑P	P	02 38 01.0 +1.1
P20A	De Beque	22.05 354	↑P	P	02 38 00.6 +0.5
GRAC	Grapevine Rang	22.07 334	↑P	P	02 38 01.1 +0.7
OXF	Oxford	22.18 37	eP	LR	02 37 59.7 -1.9
OXF	Oxford	22.18 37	eP	LR	02 37 59.7 -1.9
OXF	Oxford	22.18 37	eP	Pmax	02 37 59.7 -1.9
OXF	Oxford	22.18 37	eP	MLR	02 37 59.7 -1.9
ISCO	comp=Z,52um,20.0s,MS6.0	22.20 360	↑P	P	02 38 03.0 +1.2
ISCO	comp=Z,52um,20.0s,MS6.0	22.20 360	↑P	P	02 38 01.1 -0.7
ISCO	comp=Z,240nm,1.0s,mb5.6	22.20 360	↑P	MLR	02 38 01.1 -0.7
ISCO	comp=Z,232um,19.0s,MS6.6	22.20 360	↑P	MLR	02 38 01.1 -0.7
Q15A	Fillmore	22.24 346	↑P	P	02 38 02.6 +0.4
P19A	Cripple Cowboy	22.25 353	↑P	P	02 38 02.5 +0.2
HBAR	Harrisburg	22.26 33	eP	P	02 38 02.0 -0.4
TMUT	Trail Mountain	22.27 348	↑P	P	02 38 01.6 -0.8
MET	Memphis-Engin	22.33 35	eP	P	02 38 02.3 -0.9
RCTC	Rector, Farmer	22.34 330	↑P	P	02 38 04.1 +0.8
P17A	Butcher Ranch,	22.35 349	↑P	P	02 38 03.8 +0.4
P18A	Preston Nutter	22.42 350	↑P	P	02 38 04.6 +0.5

Q14A	Sevier Lake (B	22.45 344	↑P	P	02 38 05.4 +1.0
TIN	Tinemaha	22.48 332	↑P	P	02 38 05.7 +0.9
O24A	Longmont	22.52 1	↑P	P	02 38 05.8 +0.5
O25A	Wiggins	22.54 3	↑P	P	02 38 05.5 +0.1
R11A	Troy Canyon,C	22.57 339	↑P	P	02 38 05.2 -0.5
O22A	Kremmling	22.58 358	↑P	P	02 38 06.6 +0.7
O23A	Lake Granby, G	22.61 359	↑P	P	02 38 06.0 -0.2
P16A	Fountain Green	22.66 347	↑P	P	02 38 07.3 +0.6
O20A	White River Ci	22.66 354	↑P	P	02 38 07.1 +0.4
O21A	Pagoda	22.68 356	↑P	P	02 38 07.7 +0.8
LRAL	Lakeview Retre	22.68 44	eP	LR	02 38 06.4 -0.6
P15A	Leamington	22.76 346	↑P	P	02 38 08.1 +0.4
KSU1	Kansas State U	22.84 18	↑P	LR	02 38 07.0 -1.6
MTUN	Tungsten Hills	22.88 332	eP	P	02 38 08.6 -0.4
O19A	Mines Draw (B	22.92 353	↑P	P	02 38 09.6 +0.2
P14A					



Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like D12A Red Ives Fores, EGMT Eggleton, C16A Fuhring Ranch, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like E03A Lebam, ERPA Erie, ROSC El Rosal, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like WRAK Wrangell Island, WRAK Gun Hill, BBGH Gun Hill, etc.









Table with columns: Station Name, Time, Res, Pmax, Pdif, and various numerical values. Includes stations like KIS Kishinev, GUMU Guam, ARU Arti, SBA Scott Base, etc.

Table with columns: Station Name, Time, Res, Pmax, Pdif, and various numerical values. Includes stations like WMQ Urumqi, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, Pmax, Pdif, and various numerical values. Includes stations like QIZ comp=N,4um,19.6s,MS6.1, WEL 24 02:39:13.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSWZ Blackbirch Sta, CMWZ Cape Campbell, KHZ Kahutara, etc.

IDC 24 03:04:14.5:0.9, 9:89N, 126:02E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.7/21, mbtmp3.6/7, MS3.4/1, Ms1 3.4/1, ms1mx2.5/20, Error ellipse: s-maj=69.5km s-min=17.9km az=72.0

ISCJB 24 03:04:21.3:1.4, 10:04N:0:08:126:3E:0.1, h61km, 14km, mb3.6/7, Error ellipse: s-maj=19.7km s-min=11.0km az=158.5

MAN 24 03:04:22.10:07N, 126:17E, h24km, mb4.4, ML3.3, MS3.1 ISC 24 03:04:22.3:1.5, 10:02N:0:08:126:3E:0.1, h57km, 15km, n17, r192/19, mb3.6/7, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUTP Butuan, MSLP Maasin, PLP Palo, etc.

NDI 24 03:14:45:0.1, 5, 33:03N:74:06E, h10km, ML3.1 ISC 24 03:14:46:8:3, 9, 33:84N:0:08:74:4E:0.1, h15km, 20km, n6, r034/10, 2C-2D, Southwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDNR Sundarnagar, SDNR Simla, SMLA SMLA, etc.

ISCJB 24 03:21:53.4:1.0, 16:2S:02:176:0W:0.1, h36km, 11km, mb3.9/12, Error ellipse: s-maj=32.9km s-min=13.4km az=147.1

IDC 24 03:21:53.6:1.0, 16:17S:176:01W, h358km, 15km, mb3.5/8, mb1 3.8/9, mb1mx3.6/19, mbtmp3.5/9, Error ellipse: s-maj=32.9km s-min=12.2km az=141.0

NEIC 24 03:21:54.8:1.0, 16:19S:176:00W, h372km, 10km, mb4.1/3, Error ellipse: s-maj=23.2km s-min=10.0km az=147.0

ISC 24 03:21:54.0:1.0, 16:2S:02:176:0W:0.1, h359km, 12km, n20, r079/14, mb3.9/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afimalu, AFI Afimalu, URZ Urewera, etc.

GERES GERESS Array B 146.44 348 PKPbc PKPbc 03 40 52.6 -0.7 0.4nm, 0.5s, baz=18, slow=5.8, SNR=5.0

IGQ 24 03:32:20.8, 0.96N:79:85W, h9km, 3km, Mb4.0, Ms3.8, 9C-8D, Error ellipse: s-maj=3.5km s-min=1.8km az=57.9, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOLV Golondrinas, GOLV Golondrinas, JAMA Jama, etc.

IDC 24 03:54:46.1:0.7, 4:04N:95:92E, h54km, 6km, mb3.7/11, mb1 3.8/12, mb1mx3.6/24, mbtmp3.7/12, Error ellipse: s-maj=26.0km s-min=9.2km az=38.0

NEIC 24 03:54:46.3:0.5, 4:00N:95:91E, mb4.1/1, Error ellipse: s-maj=16.5km s-min=8.5km az=214.0

ISCJB 24 03:54:51.4:1.8, 4:25N:0:09:96:3E:0.1, h115km, 17km, mb3.9/12, Error ellipse: s-maj=20.0km s-min=13.5km az=154.5

ISC 24 03:54:52.2:1.9, 4:24N:0:09:96:3E:0.1, h106km, 17km, h56km, 2.8km, pp-P, n21, r057/21, mb3.9/12, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, IPM Ipo, etc.

SKO 24 04:02:02.7, 41:54N:19:55E, h1km TIR 24 04:02:02.7, 3.1, 41:46N:19:52E, h11km, 42km, ML2.5

ISCJB 24 04:02:03.9:0.5, 41:49N:0:02:19:60E:0.0, h410km, 3km, Error ellipse: s-maj=5.5km s-min=2.9km az=149.3

PDG 24 04:02:04.0:0.3, 41:50N:19:60E, h2km, 1km, ML2.2/9, Error ellipse: s-maj=1.4km s-min=0.4km az=57.0

CSEM 24 04:02:03.9:0.3, 41:45N:19:54E, h2km, ML2.1, Error ellipse: s-maj=7.4km s-min=4.1km az=57.0

BEQ 24 04:02:04.2:0.8, 41:41N:19:65E, h14km, 2km, ML2.1/6

ISC 24 04:02:04.7:0.5, 41:47N:0:02:19:59E:0.0, h14km, 3km, n44, r116/80, 13C-6D, Albania

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

KBN Korca 1.24 133 iSn Sn 04 02 46.1 +1.9 SNR=56

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

IDC 24 04:08:09.5:2.6, 22:04N:142:38E, h243km, 24km, mb3.2/7, mb1 3.4/8, mb1mx3.2/24, mbtmp3.2/8, Error ellipse: s-maj=30.8km s-min=15.3km az=94.0, Volcano Islands region

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

IDC 24 04:23:36.1:1.0, 0:32N:97:72E, h0km, mb4.0/11, mb1 4.1/13, mb1mx3.9/24, mbtmp4.0/13, ML3.1/1, MS4.2/1, Ms1 4.2/1, ms1mx3.5/24, Error ellipse: s-maj=34.4km s-min=16.7km az=56.0

ISCJB 24 04:23:39.7:0.6, 0:42N:0:05:97:82E:0.5, h33km, mb4.0/14, Error ellipse: s-maj=9.8km s-min=5.4km az=43.4

NEIC 24 04:23:41.3:0.3, 0:40N:97:85E, h32km, 62km, mb4.2/3, Error ellipse: s-maj=43.2km s-min=9.7km az=55.0

DJA 24 04:23:42.0:82N:98:27E, h131km, MLV4.9

ISC 24 04:23:42.1:0.6, 0:45N:0:05:97:88E:0.5, h35km, n29, r079/34, mb4.0/14, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNSI Mandailing Nat, SISI Saibi, PSI Prapat, etc.

IDC 24 04:31:05.8:1.1, 35:60N:88:16E, h0km, mb3.6/4, mb1 3.8/9, mb1mx3.6/28, mbtmp3.6/9, ML3.6/5, Error ellipse: s-maj=47.5km s-min=17.3km az=58.0

ISCJB 24 04:31:07.8:5.3, 35:77N:0:1:88:2E:0.1, h28km, 42km, mb3.5/4, Error ellipse: s-maj=22.8km s-min=15.4km



24d 6h

2008 SEP

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like WMQ, SKAG, EGAK, WDC, DAWY, YBH, HUMO, SMMC, F03A, CMB, E03A, SCI, YES, G04A, ARVC, H04A, PASC, WCN, WCN, WCN, WAKR, K05A, MWC, MWC, MWC, ISA, ISA, ISA, MOD, EDWZ, PAHR, BFSC, MURC, LRMC, BAR, NVAR, NVAR, NVAR, G06A, MPMC, MPMF, PFO, PFO, PFO, RPW, GRAC, DVTC, GSC, GSC, GSC, I07A, FURC, HEC, WVOR, WVOR, SWSC, BELC, ETW, SHOC, J08A, J08A, J08A, MK31, MK31, MKAR, MKAR, MKAR, TUQ, G08A, GMRC, E08A, IRM, GLA, GLA, GLA, ZALV, ZALV, ZALV, V11A, D08A.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like B08A, INK, INK, LDFC, OD2, Y12C, E09A, R11A, V12A, C09A, PDMC, T12A, F03A, U12A, F10A, Z13A, X13A, NVS, W13A, V13A, U13A, MFID, Z14A, T13A, NEW, NEW, NEW, S13A, R13A, W14A, X14A, V14A, I12A, U14A, ARUT, ARUT, C11A, G12A, E12A, F12A, H12A, X15A, Q14A, HLID, HLID, D12A, J13A, P14A, V15A, U15A, I13A, H13A, G13A, S15A, KURK, KURK, Y16A, F13A, DUG, L14A, BSMT, X16A, J14A, J14A, V17A, K14A, E13A, MSU, MSU, I14A, I17A, H14A, Y17A, M15A, K15A, R16A, MCMT, J15A, CHMT, H15A, I15A, I18A.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like DLMT, Y18A, G15A, E15A, F15A, LRM, X18A, R17A, 319A, 219A, C15A, B15A, A15A, G16A, I16A, T18A, Y19A, BOZ, BOZ, BOZ, F16A, E16A, H16A, R18A, U19A, A16A, G17A, R19A, E17A, X20A, Y20A, F17A, B17A, C17A, PDAR, PDAR, YKA, YKA, YKA, A17A, PV01, E18A, F18A, EGMT, U21A, B18A, F19A, C19A, E19A, D19A, B19A, ANMO, ANMO, F20A, Q22A, E20A, D20A, C20A, A20A, E21A, VNA3, B21A, VNA2, A21A, LAO, TXAR, TXAR, TXAR, TXAR, ARCS, ARCS, BOSA, BOSA, AKASG, AKASG, LPAZ, LPAZ, ROSC, NOA, BRTR, BRTR, CPUP, CPUP, SDV, KHC, KHC, GERS.





















JTKR	Abashiri-Toko	1.52 123	UP	Pn	15 54 01.8 +0.6
JTKR			eS	S	15 54 32.9 +0.8
JFR	Furan	1.68 169	P	P	15 54 02.7 +0.2
JAR	Ashorobuto	1.91 142	UP	Pn	15 54 05.2 +0.8
JAR			eS	S	15 54 38.7 +0.8
JEW	Eniwo	2.03 195	UP	Pn	15 54 06.3 +0.8
JEW			eS	S	15 54 40.6 +0.8
YSS	Yuzh-Sakhalins	2.19 11	eP	Pn	15 54 05.7 -1.0
YSS	Yuzh-Sakhalins	2.19 11	UP	Pn	15 54 05.7 -1.0
YSS	comp=Z,70nm,0.9s			pmax	pmax
YSS	comp=N,140nm,0.9s			smax	
YSS	comp=E,110nm,0.9s			smax	
JRA	Chausu	2.31 111	UP	Pn	15 54 08.9 +1.0
JCH	Churui	2.37 158	P	P	15 54 07.5 -1.1
JCH			eS	S	15 54 42.8 -2.6
JNBK	Urakawa-nobuka	2.57 170	P	P	15 54 10.8 +0.2
JNBK			eS	S	15 54 47.4 -1.5
JAK	Akkeshi	2.59 134	P	Pn	15 54 10.5 -0.2
JAK			eS	S	15 54 45.7 -3.5
ERM	Ermo	2.89 165	eP	Pn	15 54 14.8 +1.0
ERM	Ermo	2.89 165	eP	Pn	15 54 14.9 +1.0
NEM2	Nemuro 2	2.97 118	P	P	15 54 13.4 -1.2
NEM2			eS	S	15 54 53.4 -2.9
KJB	Kayabe	3.03 196	UP	Pn	15 54 14.8 -0.6
KJB			eS	S	15 54 55.7 -1.9
MAJO	Matsushiro	8.78 201	eP	Pn	15 55 24.1 -1.2
MAJO	Matsushiro	8.78 201	eP	Pn	15 55 24.1 -1.1
MAJO	comp=Z,12nm,0.6s			pmax	pmax
MAT	Matsushiro	8.78 201	P	Pn	15 55 24.5 -0.7
MJAR	Matsushiro Arr	8.78 201	P	Pn	15 55 24.8 -0.4
MJAR	comp=Z,1.9nm,0.8s,SNR=15			pmax	pmax
MJAR	Matsushiro Arr	8.78 201	PN	Pn	15 55 24.8 -0.4
MJAR	comp=Z,1.0nm,0.3s			pmax	pmax
KSR5	Korea Array	12.99 240	P	Pn	15 56 19.8 +2.3
KSR5	comp=Z,1.1nm,0.3s,baz=11,slow=15,SNR=3.8			pmax	pmax
KSR5	Korea Array	12.99 240	P	Pn	15 56 19.8 +2.3
PEAOB	Petrovsk	13.14 45	eP	Pn	15 56 20.0 +0.8
PETK	Petrovsk	13.14 45	eP	Pn	15 56 20.1 +0.9
PETK	comp=Z,0.9nm,0.3s,baz=21.3,slow=7.8,SNR=10			pmax	pmax
PETK	Petrovsk	13.14 45	PN	Pn	15 56 20.1 +0.9
PETK	comp=Z,1.0nm,0.3s			pmax	pmax
JNU	Nakatsue	14.58 221	eP	Pn	15 56 37.8 +0.9
ULN	Ulanbatar	24.29 290	eP	P	15 58 16.3 +0.4
ULN	comp=Z,2.9nm,0.8s,SNR=7			pmax	pmax
ULN	Ulanbatar	24.29 290	P	P	15 58 16.3 +0.4
ULN	comp=Z,3.0nm,0.8s,mb3.7			pmax	pmax
SOMM	Songino Array	24.74 290	P	P	15 58 20.4 +0.5
SOMM	comp=Z,3.7nm,0.5s,mb4.1,baz=84,slow=8.6,SNR=28			pmax	pmax
SOMM	Songino Array	24.74 290	P	P	15 58 20.4 +0.5
SOMM	comp=Z,4.0nm,0.5s			pmax	pmax
ZALV	Zalesovo Beam	37.47 305	P	P	16 00 10.2 -0.5
ZALV	comp=Z,0.3nm,0.3s,mb3.1,baz=90,slow=10,SNR=2.3			pmax	pmax
ZALV	Zalesovo Beam	37.47 305	P	P	16 00 10.2 -0.5
ZALV	comp=Z,0.6nm,0.5s,baz=102,slow=3.5,SNR=3.7			pmax	pmax
ZALV	Zalesovo Beam	37.47 305	P	P	16 00 10.2 -0.5
MK31	Makanchi Array	40.89 295	eP	P	16 00 39.0 0.0
MK31	Makanchi Array	40.89 295	eP	P	16 00 39.0 0.0
MKAR	Makanchi Array	40.89 295	eP	P	16 00 39.0 0.0
MKAR	comp=Z,3.0nm,0.6s,mb3.7,baz=80,slow=10,SNR=26			pmax	pmax
MKAR	Makanchi Array	40.89 295	P	P	16 02 34.2 +0.1
MKAR	comp=Z,0.3nm,0.5s,baz=75,slow=0.7,SNR=3.6			pmax	pmax
MKAR	Makanchi Array	40.89 295	P	P	16 00 39.1 +0.1
MKAR	comp=Z,3.0nm,0.6s			pmax	pmax
KDAK	Kodiak Island	41.18 48	P	P	16 00 41.4 +0.2
KDAK	comp=Z,2.3nm,0.6s,mb3.6,baz=315,slow=7.1,SNR=4.2			pmax	pmax
KDAK	Kodiak Island	41.18 48	P	P	16 00 41.4 +0.2
KDAK	comp=Z,2.0nm,0.6s,mb3.5			pmax	pmax
KURK	Kurchatov	41.94 302	eP	P	16 00 45.8 -1.5
KURK	comp=Z,1.3nm,0.3s,mb3.6			pmax	pmax
KURK	Kurchatov	41.94 302	eP	P	16 00 45.8 -1.6
KURK	comp=Z,1.0nm,0.3s,mb3.5			pmax	pmax
SML	Sawmill	42.58 41	eP	P	16 00 53.3 +0.9
SML	comp=Z,6.4nm,1.7s,mb3.6			pmax	pmax
SML	Sawmill	42.58 41	eP	P	16 00 53.3 +1.0
SML	comp=Z,6.0nm,1.7s,mb3.5			pmax	pmax
ILAR	Eielson Array	42.77 37	P	P	16 00 53.1 -0.7
ILAR	comp=Z,0.7nm,0.6s,mb3.1,baz=275,slow=8.6,SNR=16			pmax	pmax
ILAR	Eielson Array	42.77 37	P	P	16 00 53.2 -0.7
ILAR	comp=Z,1.0nm,0.6s			pmax	pmax
INK	Inuvik	47.30 30	P	P	16 01 28.2 -1.1
INK	comp=Z,1.4nm,0.5s,mb3.6,baz=32.1,slow=6.5,SNR=5.5			pmax	pmax
INK	Inuvik	47.30 30	P	P	16 01 28.1 -1.2
INK	comp=Z,1.4nm,0.5s,mb3.6,baz=32.1,slow=6.5,SNR=5.5			pmax	pmax
INK	Inuvik	47.30 30	P	P	16 01 28.2 -1.1
INK	comp=Z,1.0nm,0.5s			pmax	pmax
ABKAR	Akbulak array	53.57 306	eP	P	16 02 16.1 -0.2
ABKAR	comp=Z,2.6nm,0.4s,mb3.9			pmax	pmax
ARCES	ARCESS Array B	56.96 338	P	P	16 02 40.6 +0.5
ARCES	comp=Z,2.4nm,0.8s,mb3.7,baz=1.4,slow=4.9,SNR=3.2			pmax	pmax
ARCES	ARCESS Array B	56.96 338	P	P	16 02 40.6 +0.5
ARCES	comp=Z,2.0nm,0.8s			pmax	pmax
FINES	FINESS Array B	62.25 331	P	P	16 03 14.6 -1.5
FINES	comp=Z,0.5nm,0.4s,mb3.5,baz=32,slow=8.2,SNR=3.9			pmax	pmax
FINES	FINESS Array B	62.25 331	P	P	16 03 14.6 -1.5
FINES	comp=Z,1.0nm,0.4s			pmax	pmax
FITZ	Fitzroy Crossi	64.39 197	P	P	16 03 31.1 +0.4
FITZ	comp=Z,1.3nm,0.7s,mb3.7,baz=18,slow=9.6,SNR=3.3			pmax	pmax
WRA	Warramunga Arr	64.83 188	P	P	16 03 34.2 +0.8
WRA	comp=Z,0.5nm,0.6s,mb3.3,baz=7.7,slow=6.9,SNR=8.0			pmax	pmax
WRA	Warramunga Arr	64.83 188	P	P	16 04 33.4 +1.7
WRA	comp=Z,0.4nm,0.8s,baz=0.3,slow=7.7,SNR=2.6			pmax	pmax
WRA	Warramunga Arr	64.83 188	P	P	16 03 34.2 +0.8
WRA	comp=Z,0.4nm,0.4s,mb3.5,baz=27,slow=6.8,SNR=8.0			pmax	pmax
NOA	NORSAR Array B	67.26 337	P	P	16 03 46.7 -1.6
NOA	comp=Z,0.3nm,0.6s,mb3.2,baz=36,slow=6.8,SNR=2.8			pmax	pmax
NOA	NORSAR Array B	67.26 337	P	P	16 03 46.7 -1.7
AKASG	Malin Array Be	68.55 321	P	P	16 03 55.7 -0.8
AKASG	comp=Z,1.3nm,0.4s,mb4.0,baz=42,slow=6.6,SNR=5.6			pmax	pmax
AKASG	Malin Array Be	68.55 321	P	P	16 03 55.7 -0.8
AKASG	comp=Z,1.0nm,0.4s			pmax	pmax
ASAR	Alice Springs	68.56 188	P	P	16 03 58.5 +1.7
ASAR	comp=Z,1.1nm,0.8s,mb3.7,baz=354,slow=4.7,SNR=9.1			pmax	pmax
ASAR	Alice Springs	68.56 188	P	P	16 03 58.6 +1.8
ASAR	comp=Z,1.0nm,0.8s			pmax	pmax
BRTR	Keskin Array B	74.17 311	P	P	16 04 30.4 +0.1
BRTR	comp=Z,0.6nm,0.7s,mb3.3,baz=72,slow=4.0,SNR=4.7			pmax	pmax
BRTR	Keskin Array B	74.17 311	P	P	16 04 30.4 +0.1
BRTR	comp=Z,1.0nm,0.7s			pmax	pmax
CLL	Collin	74.65 330	UP	P	16 04 32.5 -0.3
CLL	comp=Z,4.0nm,0.6s,mb4.2			pmax	pmax
STKA	Stevens Creek	76.32 180	P	P	16 04 43.9 +1.5
STKA	comp=Z,0.4nm,0.4s,mb3.5,baz=27,slow=6.8,SNR=3.5			pmax	pmax
GERES	GERESS Array B	76.41 328	P	P	16 04 42.7 -0.1
GERES	comp=Z,0.4nm,0.6s,mb3.2,baz=11,slow=2.9,SNR=4.2			pmax	pmax
GERES	GERESS Array B	76.41 328	P	P	16 04 42.7 -0.1
GERES	comp=Z,0.4nm,0.6s,mb3.2,baz=11,slow=2.9,SNR=4.2			pmax	pmax
VNA2	Neumayer-Watz	149.89 199	e	PKPdf	16 12 37.9 +2.8
VNA2	comp=Z,11.6,slow=1.6			PKPdf	PKPdf
VNA3	Neumayer Olymp	150.18 198	e	PKPdf	16 12 38.4 +2.9

MCK			S	Sg	16 02 09.0 +0.8
BPAW	Bear Paw Mtn.	0.80 329	P	Pg	16 02 04.6 0.0
PPLA	Purkeypile	1.10 243	eP	Pg	16 02 00.9 -1.3
CHUM	Lake Minchumin	1.11 296	P	Pg	16 02 10.2 -0.3
CHUM			S	Sg	16 02 24.3 -0.7
DHY	Denali Highway	1.26 105	S	Sg	16 02 19.5 -0.8
DHY			S	Sg	16 02 30.4 +0.9
SKT	Skwentna	1.60 206	P	Pn	16 02 17.8 -0.3
SKT			S	Sn	16 02 40.2 +1.1
HDA	Harding Lake	1.69 53	P	P	16 02 19.1 -0.3
GHO	Glory Hole Cre	1.73 162	P	P	16 02 19.4 -0.6
MUR	Murphy Dome	1.74 26	P	Pn	16 02 19.7 -0.4
MDM			S	Sn	16 02 44.1 +1.5
COLA	College	1.75 32	P	Pn	16 02 19.8 -0.5
SML	Sawmill	1.80 153	P	Pn	16 02 20.3 -0.6
PMR	Palmer	1.88 167	P	Pn	16 02 21.5 -0.5
SCW	Sheep Creek Mo	2.03 140	P	Pn	16 02 23.8 -0.4
PAX	Paxson	2.12 100	P	Pn	16 02 26.4 +1.0
FB1	Fire Island	2.26 182	eP	Pn	16 02 28.9 +1.6
RCC	Rabbit Creek A	2.34 176	eP	Pn	16 02 28.5 +0.2
DOT	Dot Lake	2.69 82	eP	Pn	16 02 33.8 +0.2
MENT	Menasta	2.91 97	eP	Pn	16 02 37.4 +1.6
SLWK	Skilak Lake	3.22 136	eP	Pn	16 02 38.8 +0.5
RSO	Redoubt South	3.23 205	eP	Pn	16 02 41.6 +1.1
SEW	Seward	3.34 175	eP	Pn	16 02 44.2 +2.2
SVD	Sparrevohn	3.48 231	eP	Pn	16 02 44.4 +0.4
COLF	Coldfoot	3.83 359	P	Pn	16 02 49.4 +0.6
CNP	China Poot	3.95 189	P	Pn	16 02 52.0 +1.6
EAG	Eagle	4.13 87	P	Pn	16 03 03.5 +0.6
DAWY	Dawson	4.78 77	P	Pn	16 03 02.1 +0.2
KDAD	Kodiak Island	5.79 194	eP	Pn	16 03 16.1 +0.4
PNL	Peninsula	6.13 122	P	Pn	16 03 25.0 +1.9
DHAK	Deception Hill	7.36 122	P	Pn	16 03 36.0 +1.4

ISCJB 24 16:13:12.6±0.3,38.22N,0°01'8.21W,0.02,h12km,2km,  
 Error ellipse: s-maj=3.0km s-min=2.1km az=169.1  
 CSEM 24 16:13:12.6±0.1,38.21N,8°23'W,h8km,ML3.3/2.4,Error  
 ellipse: s-maj=2.8km s-min=1.9km az=76.0  
 LDG 24 16:13:12.4±0.2,38.19N,8°38'W,h2km,Md3.6/1,Mi2.9/3,  
 Error ellipse: s-maj=3.2km s-min=2.5km az=82.0  
 INMG 24 16:13:13.4±1.2,38.19N,8°29'W,h5km,2km,Md2.8,ML2.9,  
 Error ellipse: s-maj=1.8km s-min=1.0km az=88.0  
 NEIC 24 16:13:13.3±0.3,38.20N,8°28'W,h4km,ML2.9(LDG),  
 MN2.9(MDD),After MDD.  
 MDD 24 16:13:13.6±0.3,38.19N,8°29'W,h1km,mbLg3.0/26,  
 Error ellipse: s-maj=2.8km s-min=1.9km az=78.0,PRXIMO  
 IGL 24 16:13:13.8±0.8,38.18N,8°29'W,h5km,ML2.9  
 ISC 24 16:13:12.6±0.3,38.21N,0°01'8.25W,0.02,h11km,2km,  
 n173,±1°02'292,6C-2D,Portugal

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
MOE	Montemoro	0.33 346	Op	h m s ISC	
MOE	Montemoro	0.33 346	eP	16 13 24.8 +1.3	Pg
MOE	Montemoro	0.33 346	Pg	16 13 20.1 +1.0	Pg
MOE	Montemoro	0.33 346	eP	16 13 20.1 +1.0	Pg
MOE	Montemoro	0.33 346	eP	16 13 20.1 +1.0	Pg
EVOP	Sao Brissos	0.34 17	eP	16 13 20.2 +0.9	Pg
EVOP	Sao Brissos	0.34 17	eP	16 13 25.2 +1.3	Pg
EVOP	Sao Brissos	0.34 17	eP	16 13 20.2 +0.9	Pg
EVOP	Sao Brissos	0.34 17	eP	16 13 25.2 +1.3	Pg
PBEJ	Beja	0.35 120	eP	16 13 20.1 +0.5	Pg
PBEJ	Beja	0.35 120	eP	16 13 25.2 +0.8	Pg
PBEJ	Beja	0.35 120	Pg	16 13 20.1 +0.5	Pg
PBEJ	Beja	0.35 120	Pg	16 13 25.2 +0.8	Pg
PBEJ	Beja	0.35 120	Pg	16 13 20.1 +0.5	Pg
PBEJ	Beja	0.35 120	Pg	16 13 25.2 +0.8	Pg
MESJ	Mesjeana	0.37 176	eP	16 13 19.9 +0.1	Pg
MESJ	Mesjeana	0.37 176	eP	16 13 24.4 -0.4	Pg
EVO	Evora	0.38 30	eP	16 13 20.2 +0.1	Pg
EVO	Evora	0.38 30	eP	16 13 25.2 +0.1	Pg
EVO	Evora	0.38 30	Pg	16 13 20.9 +0.8	Pg
EVO	Evora	0.38 30	Pg	16 13 26.6 +1.5	Pg
EVO	Evora	0.38 30	UP	16 13 20.9 +0.8	Pg
EVO	Evora	0.38 30	UP	16 13 26.6 +1.5	Pg
PCVE	Castro Verde	0.60 164	Pg	16 13 24.1	











24d 17h

Table of astronomical observations for 24d 17h, listing station names, coordinates, and observation details.

2008 SEP

Table of astronomical observations for 2008 SEP, listing station names, coordinates, and observation details.

1030

Table of astronomical observations for 1030, listing station names, coordinates, and observation details.

OUZ	Omahuta	5.20 256	PN	Pn	17 31 27.1 +1.3
NMHZ	Naumai	5.91 210	PN	Pn	17 31 26.5 +0.7
BKZ	Black Stump Fm	10.0 212	PN	Pn	17 31 27.1 -1.4
BKZ			SN	Sn	17 32 39.2 +2.4
MCHZ	McNeill Hill	6.25 209	PN	Pn	17 31 31.6 +1.1
HZ	Hauti	6.45 232	PN	Pn	17 31 44.3 +0.7
NGZ	Ngauruhoe	6.53 217	PN	Pn	17 31 34.6 +0.3
BHHZ	Bald Hill Sta	6.56 213	PN	Pn	17 31 34.2 -0.5
PXZ	Pawani	6.70 205	SN	Sn	17 32 48.6 -2.8
TSZ	Takapari Road	7.07 210	PN	Pn	17 31 39.8 -1.9
WAZ	Wanganui	7.28 217	PN	Pn	17 31 46.0 +1.5
BFZ	Birch Farm	7.31 214	PN	Pn	17 31 44.4 -3.0
HOWZ	Holdsworth Sta	7.96 209	PN	Pn	17 31 51.6 -2.0
OGWZ	Otaki Gorge	8.04 211	PN	Pn	17 31 54.1 -0.9
MTW	Mount Morrison	8.19 208	PN	Pn	17 31 53.2 -3.7
CAW	Cannon Point	8.32 210	PN	Pn	17 31 55.4 -3.4
PLWZ	Palliser	8.64 206	PN	Pn	17 32 00.1 -3.0
TCW	Tony Channel	8.75 213	PN	Pn	17 32 02.5 -2.2
QRZ	Quartz Range	8.34 221	SN	Sn	17 33 54.9 -1.2
KHZ	Kahutara	10.05 211	SN	Sn	17 32 17.6 -4.8
KHZ	Kahutara	10.05 211	SN	Sn	17 34 06.1 -7.3
MGZ	McQueen's Vall	11.47 210	SN	Sn	17 34 38.9 -3.9
RPZ	Rata Peaks	12.20 215	SN	Sn	17 32 45.8 -5.9
RPZ			SN	Sn	17 34 57.6 -8.2
ODZ	1.9nm, 0.3s, baz=233, slow=20, SNR=7.2				
ODZ	Ohau Downs	13.41 212	PN	Pn	17 33 06.2 -1.9
ODZ	Ohau Downs	13.41 212	PN	Pn	17 33 03.7 -4.4
ADZ			SN	Sn	17 35 26.8 -8.5
OFI	Afiamalau	21.19 21 LR	LR	LR	17 41 27.0
RAR	comp-Z, 1.25nm, 18.1s, baz=150, slow=33				
RAR	Rarotonga	21.52 59 LR	LR	LR	17 40 32.0
YNG	comp-Z, 0.53nm, 21.9s, baz=198, SNR=30				
YNG	Young	26.60 260 eP	P	P	17 35 35.1 +2.3
EIDS	Eidsvold	26.99 281 eP	P	P	17 35 37.8 +1.4
CMSA	Cobar Meteorol	29.49 265 eP	P	P	17 35 59.0 +1.4
HNR	Honiara	30.98 317 P	P	P	17 36 09.5 -2.3
HNR			LR	LR	17 46 50.5
QLP	comp-Z, 1.14nm, 19.0s, baz=163, slow=33				
STKA	Stephens Creek	32.68 263 P	P	P	17 36 22.8 +0.8
STKA			P	P	17 36 24.1 +2.5
STKA			PcP	PcP	17 39 09.8 -1.3
STKA			LR	LR	17 47 54.9
STKA			P	P	17 36 24.1 -2.5
STKA			PcP	PcP	17 39 09.8 -1.3
STKA			LR	LR	17 47 54.9
CTA	Charters Tower	33.43 286 P	P	P	17 36 32.4 -0.9
CTA			LR	LR	17 46 23.1
CTA	comp-Z, 1.21nm, 21.6s, baz=153, slow=30				
CTA	Charters Tower	33.43 286 eP	P	P	17 36 34.0 +0.7
ASAR	Alice Springs	41.88 272 P	P	P	17 37 43.0 -1.6
ASAR			S	S	17 43 58.6 +0.8
WRA	Warramunga Arr	43.20 277 P	P	P	17 37 54.7 -0.7
FORT	Forrest	44.09 259 eP	P	P	17 38 02.2 -0.2
FITZ	Fitzroy Crossi	51.29 274 P	P	P	17 38 57.2 -1.0
FITZ	Fitzroy Crossi	51.29 274 eP	P	P	17 38 57.2 -1.0
CASY	Casey	51.40 209 eP	P	P	17 38 59.1 +0.7
CASY			P	P	17 38 59.1 +0.7
MEEK	Meekatharra	53.31 260 eP	P	P	17 39 11.5 -1.7
MORW	Morawa	54.45 256 eP	P	P	17 39 20.1 -1.3
GSPA	South Pole Qui	56.09 180 P	P	P	17 39 36.9 +4.4
MAW	Mawson	68.51 201 P	P	P	17 40 57.0 +1.5
MAW			LR	LR	17 40 19.0
MAW			P	P	17 40 57.1 +1.6
SYO	Sydney	73.32 194 eP	P	P	17 41 24.8 +0.1
SNAA	Sanara	74.49 227 P	P	P	17 41 34.1 +2.2
VNA3	Neumayer Olymp	74.77 177 eP	P	P	17 41 32.6 -0.4
VNA3			pP	pP	17 41 37.8
VNA3			pP	pP	17 41 48.7 -2.9
VNA2	Neumayer-Watz	75.19 177 eP	P	P	17 41 35.3 -0.2
VNA2			pP	pP	17 41 51.0 -3.0
VNA1	Neumayer-Stat	75.42 177 eP	P	P	17 41 37.2 +0.4
VNA1			pP	pP	17 41 42.3
VNA1			pP	pP	17 41 52.8 -2.6
PLCA	Paso Flores	80.89 133 P	P	P	17 42 10.5 +2.9
KSRs	Korea Array	86.37 321 P	P	P	17 42 34.4 -1.0
CFAA	Coronel Fontan	89.04 346 P	P	P	17 42 45.2 +1.5
PETK	Petrovskovsk	89.04 346 P	P	P	17 42 46.4 -1.3
PETK	Petrovskovsk	89.04 346 P	P	P	17 42 46.4 -1.3
PETK	Isabella	89.69 45 eP	P	P	17 42 52.2 +1.0
YBH	Yreka Blue H	91.60 39 P	P	P	17 43 00.1 +0.1
NVAR	Mina Array	128.12 314 P	P	P	17 43 01.6 +1.1
CHGN	Chignik	91.73 12 eP	P	P	17 42 59.6 -0.6
CMAR	Chiang Mai Arr	93.50 290 P	P	P	17 43 09.1 -0.3
BJT	Bajitau	94.68 316 P	P	P	17 43 13.0 -1.2
ILAR	Eielson Array	101.72 14 P	Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17 47 54.9 -2.2
ILAR			PKIKP	PKIKP	17 48 07.8 -0.3
ILAR			Pdf	Pdf	17 43 46.2 +0.1
ILAR			PP	PP	17



SOC	e'SS	sS	18 09 43.6	-3.2
SOC	comp=Z,144nm,1.1s,mb5.3	MLR	MLR	
SOKR	comp=Z,560nm,17.0s	P	P	
SOKR	<b>Solikamsk</b>	25.31 343c	iP	18 04 50.3 -0.1
SOKR		S	S	18 09 14.0 +5.2
SOKR	comp=Z,130nm,0.9s,mb5.4	P	P	
SOKR	comp=Z,610nm,18.0s	MLR	MLR	
KELT	<b>Kelkit</b>	25.44 289	iP	18 04 52.5 +0.7
VRHR	<b>Novokhopersk</b>	25.97 315	eP	18 04 55.5 -0.9
VRHR	comp=E,70nm,0.9s	pmax	pmax	
VRHR	comp=Z,90nm,0.9s,mb5.2	pmax	pmax	
KEMA	<b>Kemalye</b>	26.06 287	iP	18 04 58.9 +1.5
GRSN	<b>RESUNGSRN</b>	26.18 291	iP	18 04 59.0 +0.4
MALT	<b>Malatyia</b>	26.19 285	Pn	18 04 59.0 +0.4
MALT	<b>Malatyia</b>	26.19 285	iP	18 05 00.3 +1.7
MALT	<b>Malatyia</b>	26.19 285	P	18 05 03.3 +1.7
MALT	comp=N,649nm,comp=N,52nm,1.2s,mb4.8	P	P	18 04 59.5 +0.9
MOY	<b>Mondy</b>	26.24 44	eP	18 05 01.9 +3.0
MOY	comp=Z,66nm,2.0s,mb4.7	pmax	pmax	
SUSE	<b>Susehri</b>	26.25 289	iP	18 04 59.1 0.0
LZH	<b>Lanzhou</b>	26.25 80	iP	18 05 01.8 +2.6
LZH		pP	pP	18 05 23.0 +1.7
LZH		sP	sP	18 05 35.1 +2.2
LZH		SS	SS	18 05 49.0
LZH		sS	sS	18 09 25.3 +1.0
LZH		SS	SS	18 10 02.5 -0.4
LZH		SS	SS	18 10 41.6
LZH	comp=Z,54nm,1.0s,mb4.9	pmax	pmax	
LZH	comp=Z,240nm,5.2s	LR	LR	
LZH	comp=N,670nm,8.6s	LR	LR	
LZH	comp=E,340nm,10.0s	LR	LR	
LZH	comp=Z,700nm,13.2s	LR	LR	
AKCD	<b>Akacadag</b>	26.58 285	iP	18 05 04.0 +1.9
ANN	<b>Anapa</b>	27.03 299c	eP	18 05 06.2 +0.2
ANN		e'PP	e'PP	18 05 45.3 -1.1
ANN		e	e	18 05 56.1
ANN		eS	eS	18 09 38.8 +2.5
ANN		e'SS	e'SS	18 10 15.5 +0.5
ANN	comp=Z,147nm,1.3s,mb5.3	pmax	pmax	
ANN	comp=N,417nm,16.0s	MLR	MLR	
ANN	comp=E,463nm,16.0s	MLR	MLR	
ANN	comp=Z,483nm,16.0s	MLR	MLR	
ZAK	<b>Zakamensk</b>	27.09 48	eP	18 05 07.7 +1.2
ZAK		e	e	18 05 32.8 +4.1
ZAK		pP	pP	18 05 32.8 +4.1
VORD	<b>Divnogorie</b>	27.28 313	eP	18 05 07.2 -1.0
VORD		e'PP	e'PP	18 05 28.7 -1.7
VORD		eS	eS	18 09 40.4 +0.3
VORD	comp=N,30nm,0.9s	pmax	pmax	
VORD	comp=E,80nm,0.9s	pmax	pmax	
VORD	comp=Z,40nm,0.9s,mb5.0	smax	smax	
VORD	comp=E,330nm,6.8s	smax	smax	
VORD	comp=Z,200nm,8.2s	smax	smax	
VSR	<b>Storozhevoye</b>	27.45 313	eP	18 05 08.5 -1.2
VSR		e'PP	e'PP	18 05 28.1 -3.8
VSR		eS	eS	18 09 46.1 +3.4
VSR	comp=Z,80nm,0.9s,mb5.2	pmax	pmax	
VSR	comp=N,40nm,1.3s	pmax	pmax	
VSR	comp=E,100nm,1.0s	smax	smax	
VSR	comp=E,280nm,6.0s	smax	smax	
VSR	comp=Z,220nm,7.4s	smax	smax	
VSR	comp=N,120nm,6.9s	smax	smax	
CD2	<b>Chengdu</b>	27.50 91	iP	18 05 12.0 +1.6
CD2		pP	pP	18 05 33.4 +0.8
CD2		sP	sP	18 05 45.3 -1.1
CD2		PP	PP	18 06 04.0 -1.0
CD2		S	S	18 09 43.3 -0.7
CD2		sS	sS	18 10 20.9 -1.7
CD2		SS	SS	18 11 07.8 -3.6
CD2	comp=Z,30nm,1.0s,mb4.8	pmax	pmax	
CD2	comp=Z,120nm,7.2s	pmax	pmax	
CD2	comp=N,540nm,13.2s	LR	LR	
CD2	comp=E,420nm,15.6s	LR	LR	
CD2	comp=Z,520nm,15.6s	LR	LR	
VOR	<b>Voronezh</b>	27.61 315	P	18 05 11.0 -0.2
VOR	comp=Z,260nm,1.2s,mb5.6	P	P	
SONM	<b>Songino Array</b>	28.38 55	P	18 05 19.5 +1.4
SONM	comp=Z,6.2nm,0.7s,mb4.4,baz=256,slow=9.7,SNR=48	LR	LR	18 18 35.8
SONM	comp=Z,357nm,20.8s,baz=264,slow=40	LR	LR	
SONM	<b>Songino Array</b>	28.38 55	P	18 05 19.5 +1.4
SONM	comp=Z,8.0nm,0.7s	pmax	pmax	
SONM	comp=Z,357nm,20.8s	MLR	MLR	
ASF	<b>Jabal al Asfar</b>	28.64 272	P	18 05 21.0 +0.5
ASF	comp=Z,2.8nm,0.7s,mb4.0,baz=306,slow=1.9,SNR=6.3	LR	LR	18 18 47.5
ASF	comp=Z,267nm,21.8s,baz=107,slow=40	LR	LR	
ASF	<b>Jabal al Asfar</b>	28.64 272	P	18 05 21.0 +0.5
ULN	<b>Ulanbatar</b>	28.62 55	eP	18 05 23.2 +1.2
ULN	comp=Z,16nm,0.8s,mb4.7	pmax	pmax	
ULN	<b>Ulanbatar</b>	28.62 55	P	18 05 23.2 +1.2
ULN	comp=Z,16nm,0.8s,mb4.7	pmax	pmax	
ULN	comp=Z,23nm,1.1s,mb4.8	pmax	pmax	
CTKT	<b>Corum</b>	28.83 290	iP	18 05 23.0 +0.9
AVNT	<b>Avonos</b>	28.93 286	iP	18 05 24.3 +1.2
KMI	<b>Kunming</b>	29.08 103	iP	18 05 26.0 +1.5
KMI		pP	pP	18 05 48.1 +1.3
KMI		sP	sP	18 06 00.1 +1.7
KMI		PP	PP	18 06 24.9 -7.0
KMI		S	S	18 10 11.3 +2.3
KMI		sS	sS	18 10 50.1 +2.3
KMI		SS	SS	18 11 50.1 -2.6
KMI	comp=Z,20nm,1.3s,mb4.6	pmax	pmax	
HMDM	<b>Haniamadho</b>	29.23 176	P	18 05 29.0 +3.1
HMDM	comp=Z,108nm,1.1s,mb5.4	P	P	
HRI	<b>Mount Hermon</b>	29.27 275	Pn	18 05 27.4 +1.3
HRI	<b>Mount Hermon</b>	29.27 275	P	18 05 27.4 +1.3
KSHT	<b>Keshet</b>	29.28 274	Pn	18 05 27.3 +1.1
KSI	<b>Kefar Szold</b>	29.35 275	Pn	18 05 27.1 +0.3
SDM	<b>Simeropol</b>	29.39 299	P	18 05 29.5 +2.5
MMAI	<b>Mount Meron Ar</b>	29.60 275	P	18 05 29.9 +0.8
MMAI	comp=Z,7.3nm,0.8s,mb4.3,baz=58,slow=10.0,SNR=5.2	PcP	PcP	18 08 31.3 -0.1
MMAI	comp=Z,8.8nm,1.1s,baz=53,slow=4.3,SNR=3.9	ScP	ScP	18 08 31.3 -0.1
MMAI	comp=Z,3.7nm,0.7s,baz=94,slow=2.5,SNR=4.6	LR	LR	18 19 17.0
HMDT	<b>Nahal Hemdat</b>	29.72 73	Pn	18 05 30.2 +0.1
CHRT	<b>Chiangrai</b>	29.77 115	P	18 05 31.0 +0.4
CHRT	comp=Z,237nm,1.0s,mb5.8	MLR	MLR	

HNTI	<b>Hanita</b>	29.77 275	Pn	P	18 05 31.6 +1.1
BRTR	<b>Keskin Array B</b>	29.77 288	P	P	18 05 30.0 -0.5
BRTR	comp=Z,22nm,0.7s,mb4.9,baz=103,slow=7.5,SNR=56	P	P	18 05 52.1 -0.7	
BRTR	comp=Z,8.7nm,0.8s,baz=90,slow=7.6,SNR=4.4	pP	pP	18 12 01.4 -3.3	
BRTR	comp=Z,1.0nm,0.7s,baz=130,slow=5.5,SNR=4.1	LR	LR	18 19 46.6	
BRTR	<b>Keskin Array B</b>	29.77 288	iP	P	18 05 30.0 -0.5
BRTR		e'PP	e'PP	18 05 52.2 -0.6	
BRTR		pP	pP	18 12 01.4	
CHG	<b>Chiang Mai</b>	29.83 118	UP	P	18 05 33.4 +2.2
CHG	<b>Chiang Mai</b>	29.83 118	S	P	18 05 56.6 +3.1
CHG	comp=Z,16nm,1.2s	MLR	MLR		
CHTO	<b>Chiang Mai</b>	29.83 118	eP	P	18 05 32.4 +1.2
CHTO	<b>Chiang Mai</b>	29.83 118	eP	P	18 05 32.4 +1.2
CHTO	comp=Z,24nm,0.8s,mb4.9	ScP	ScP	18 05 33.2 +2.0	
CHTO	<b>Chiang Mai</b>	29.83 118	P	P	18 05 33.1 +1.9
CHTO	<b>Chiang Mai</b>	29.83 118	P	P	18 05 33.1 +1.9
CHTO	SNR=0.0	mb	mb	18 05 35.6	
CM31	<b>Chiang Mai Arr</b>	30.06 118	eP	P	18 05 34.5 +1.3
CM31	comp=Z,36nm,0.8s,mb5.1	P	P	18 05 34.6 +1.4	
CMAR	<b>Chiang Mai Arr</b>	30.06 118	P	P	18 12 04.1 -1.8
CMAR	comp=Z,5.9nm,0.9s,baz=301,slow=5.1,SNR=10.0	ScP	ScP		
CMAR	<b>Chiang Mai Arr</b>	30.06 118	P	P	18 05 34.6 +1.4
CMAR		pmax	pmax	18 12 04.1	
CMAR	comp=Z,12nm,0.9s	pmax	pmax		
CMAR	comp=N,6.0nm,0.9s	pmax	pmax		
MOS	<b>Moscow</b>	30.12 321	eP	P	18 05 32.5 -0.8
MOS		e	e	18 06 10.6	
MOS		e	e	18 06 07.2	
MOS		eS	eS	18 10 25.1 +0.5	
MOS		pmax	pmax		
MOS	comp=Z,117nm,1.0s,mb5.5	pmax	pmax		
SLTI	<b>Sa'it</b>	30.12 323	Pn	P	18 05 33.4 -0.2
OBNI	<b>Obninsk</b>	30.39 320	eP	P	18 05 35.4 -0.4
OBNI	comp=Z,105nm,0.7s,mb5.6	P	P		
OBNI	<b>Obninsk</b>	30.39 320c	iP	P	18 05 35.2 -0.6
OBNI		e'PP	e'PP	18 05 54.9 -3.2	
OBNI		e'PP	e'PP	18 06 05.6 -4.1	
OBNI		e'SP	e'SP	18 06 33.1	
OBNI		pmax	pmax		
OBNI	comp=Z,137nm,1.0s,mb5.5	MLR	MLR		
OBNI	comp=Z,600nm,21.0s	P	P	18 05 35.1 -0.7	
OBNI	<b>Obninsk</b>	30.39 320	P	P	18 05 39.7 +0.4
OBNI	comp=Z,961nm,0.7s,mb5.5,SNR=8.6	P	P	18 05 39.7 +0.4	
BTO	<b>Batout</b>	30.55 70	eP	P	18 05 38.1 +0.8
ZFRI	<b>Zfri</b>	30.55 270	Pn	P	18 05 38.0 +0.6
XAN	<b>Xi'an</b>	30.76 83	P	P	18 05 40.8 +1.4
XAN		pP	pP	18 06 04.8 +3.2	
XAN	comp=Z,5.0nm,1.0s,mb4.2	pmax	pmax		
XAN	comp=N,320nm,21.5s	LR	LR		
XAN	comp=E,120nm,20.4s	LR	LR		
PRNI	<b>Paran</b>	30.76 270	Pn	P	18 05 39.7 +0.4
PRNI	<b>Paran</b>	30.76 270	P	P	18 05 39.7 +0.4
RTMI	<b>Retamim</b>	30.77 271	Pn	P	18 05 39.5 +0.1
RHFI	<b>Mount Harif</b>	30.84 289	Pn	P	18 05 40.4 +0.3
RMNI	<b>Mount Ramon</b>	30.87 270	Pn	P	18 05 41.4 +1.1
SGKT	<b>Sivrigoyunk</b>	30.91 290	iP	P	18 05 41.0 +0.4
BDT	<b>Bhumibol Dam</b>	30.91 120	P	P	18 05 36.0 -4.8
EIL	<b>Eilat</b>	31.05 269	P	P	18 05 41.2 -0.6
EIL	comp=Z,16nm,0.9s,mb4.7	P	P		
EIL	comp=Z,20nm,1.0s,mb4.8,baz=43,slow=2.6,SNR=13	P	P		
KZIT	<b>Kziot</b>	31.06 271	Pn	P	18 05 42.3 +0.3
KRMI	<b>Paran Flat</b>	31.07 270	Pn	P	18 05 42.5 +0.5
GVA	<b>Gulyang</b>	31.59 98	iP	P	18 05 47.8 +1.2
GVA		pP	pP	18 06 11.0 +2.0	
GVA		sP	sP	18 06 23.6 +3.1	
GVA		PP	PP	18 06 55.9 -3.8	
GVA		PcP	PcP	18 08 38.3 +1.5	
GVA		S	S	18 10 48.8 +0.6	
GVA		sS	sS	18 11 28.4 +1.4	
GVA		ScP	ScP	18 12 11.0 +0.2	
GVA		PcS	PcS	18 12 23.3 +0.9	
GVA		ScS	ScS	18 16 07.8 -1.3	
GVA	comp=Z,20nm,0.8s,mb4.9	pmax	pmax		
GVA	comp=Z,140nm,5.0s	pmax	pmax		
GVA	comp=N,680nm,14.4s	LR	LR		
GVA	comp=E,570nm,15.8s	LR	LR		
GVA	comp=Z,650nm,14.0s	LR	LR		
HHC	<b>Hu-ho-hao-te</b>	31.70 69	eP	P	18 05 48.8 +1.4
HHC		pP	pP	18 06 10.8 +1.0	
HHC		eP	eP	18 06 22.4 +1.0	
HHC		PP	PP	18 06 56.9 -3.8	
HHC		PcP	PcP	18 08 39.1 +2.3	
HHC		S	S	18 10 49.9 +0.3	
HHC		sS	sS	18 11 28.0 -0.5	
HHC		ScP	ScP	18 12 5.5 +1.5	
HHC		SS	SS	18 12 45.6 -2.4	
HHC		ScS	ScS	18 16 08.1 -1.1	
HHC	comp=Z,23nm,1.1s,mb4.8	pmax	pmax		
HHC	comp=Z,84nm,5.8s	pmax	pmax		
HHC	comp=N,570nm,8.6s	LR	LR		
HHC	comp=E,530nm,9.8s	LR	LR		
HHC	comp=Z,530nm,11.3s	LR	LR		
ESKT	<b>Eskisehir</b>	31.94 289	iP	P	18 05 47.9 -1.6
KLMR	<b>Kilminkooe</b>	31.95 331	eP	P	18 05 47.8 -1.5
KLMR		e'PP	e'PP	18 06 09.7 -2.1	
KLMR		pmax	pmax		
ENH	<b>Enshi</b>	32.35 89	eP	P	18 05 55.3 +2.0
ENH	comp=Z,73nm,0.9s,mb5.4	P	P		
NST	<b>Nakhton Sawan</b>	32.77 121	P	P	18 05 57.0 -0.1
NST	comp=Z,33nm,0.9s,mb5.2	P	P		
TLCR	<b>TLCR</b>	33.15 299	iP	P	18 06 02.4 +2.3
KIS	<b>Kishinev</b>	33.15 299	iP	P	18 06 02.4 +2.3
KIS	comp=Z,400nm,1.0s	pmax	pmax	18 06 01.0 +0.4	
KIS		eP	eP	18 06 31.1 +7.9	
KIS		sP	sP	18 11 18.0 +4.9	
KIS		eS	eS	18 21 28.0	
KIS	comp=Z,300nm,16.0s	LRM	LRM		
KIS	<b>Kishinev</b>	33.22 302c	iP	P	18 06 01

24d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NJ2, OJC, SNG, etc.

2008 SEP

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MURB, NAO01, FUR, etc.







H21A	baz=1.6	∪S	Sn	18 32 48.0	-0.7	
L23A	Garrett baz=1.6	1.59 191	∪P	Pn	18 32 27.0 -0.8	
L23A	∪S	∪P	Pn	18 32 48.8	-0.3	
J21A	baz=1.6	1.60 259	∪P	Pn	18 32 27.2 -0.7	
J21A	baz=1.6	∪S	Sn	18 32 48.6	-0.7	
L24A	Wheatland baz=1.7	1.66 171	∪P	Pn	18 32 28.3 -0.4	
K21A	Alcova baz=1.8	1.77 235	∪P	Pb	18 32 30.5 -1.3	
K21A	∪S	∪Sb	Sb	18 32 54.5	-0.1	
J20A	Shoshoni baz=2.1,SNR=391	2.06 262	∪P	Pb	18 32 34.2 -2.4	
J20A	∪S	∪Sb	Sb	18 33 02.9	+0.2	
G21A	Lodge Grass baz=2.1	2.07 319	∪P	Pb	18 32 35.2 -1.5	
G21A	∪S	∪Sb	Sb	18 33 02.8	-0.2	
I20A	Worland baz=2.1,SNR=234	2.07 278	∪P	Pb	18 32 35.3 -1.5	
I20A	∪S	∪Sb	Sb	18 33 02.6	-0.5	
H20A	Greybull baz=2.1,SNR=42	2.11 293	∪P	Pb	18 32 35.7 -1.9	
H20A	∪S	∪Sb	Sb	18 33 04.1	-0.1	
M23A	Laramie baz=2.1	2.23 188	∪P	Pb	18 32 38.0 -1.6	
M24A	Cheyenne baz=2.3	2.24 171	∪P	Pb	18 32 38.7 -0.9	
L21A	Rawlins baz=2.3	2.30 222	∪P	Pb	18 32 38.8 -1.9	
L21A	∪S	∪Sb	Sb	18 33 09.2	-0.4	
K20A	Yellowstone Ra baz=2.5,SNR=112	2.46 246	∪P	Pb	18 32 41.3 -2.1	
K20A	∪S	∪Sb	Sb	18 33 14.5	+0.3	
M22A	Cedar Creek Ra baz=2.5	2.47 203	∪P	Pb	18 32 42.0 -1.6	
M22A	∪S	∪Sb	Sb	18 33 14.8	+0.2	
F21A	Absaloka Mine, baz=2.5	2.51 329	∪P	Sb	18 33 15.8	+0.1
M21A	Separation Pea baz=2.6	2.58 217	∪P	Pb	18 32 43.3 -2.2	
M21A	∪S	∪Sb	Sb	18 33 17.5	-0.1	
G20A	Bridger baz=2.6	2.60 307	∪S	Sb	18 33 19.0	+0.7
I19A	Meeteetse baz=2.7	2.70 279	∪P	Pb	18 32 44.5 -3.1	
I19A	∪S	∪Sb	Sb	18 33 21.0	-0.3	
K19A	Absolon Red Bu baz=2.8	2.73 253	∪P	Pb	18 32 46.6 -1.5	
J19A	Crowheart baz=2.8	2.77 263	∪P	Pb	18 32 45.6 -3.1	
J19A	∪S	∪Sb	Sb	18 33 23.6	+0.4	
L20A	Wamsutter baz=2.8	2.80 234	∪P	Sb	18 33 24.8	+0.8
N23A	Red Feather La baz=2.9	2.83 190	∪P	Pb	18 32 45.8 -3.9	
N23A	∪S	∪Sb	Sb	18 33 24.9	+0.1	
H19A	Powell baz=2.9,SNR=43	2.84 292	∪P	Pb	18 32 46.1 -3.8	
N24A	Carr baz=2.9	2.87 174	∪S	Sb	18 33 27.1	+1.1
F20A	Billings baz=2.9	2.94 317	∪S	Sb	18 33 29.2	+1.1
N25A	Grover baz=3.0	3.00 162	∪P	Pb	18 32 51.9 -0.8	
N22A	Wattenberg Ran baz=3.0	3.00 197	∪P	Pb	18 32 51.4 -1.3	
N22A	∪S	∪Sb	Sb	18 33 30.2	+0.3	
M20A	Sweetwater, Wa baz=3.1	3.06 225	∪P	Pb	18 32 51.9 -1.8	
M20A	∪S	∪Sb	Sb	18 33 32.4	+0.9	
E21A	Keefer Ranch, baz=3.1	3.13 337	∪P	Pn	18 32 48.3 -0.6	
RLMT	Red Lodge baz=3.2	3.19 298	∪P	Pn	18 32 50.4	+0.6
BW06	Boulder Array baz=3.3	3.25 255	∪P	Pn	18 32 51.3	+0.7
BW06	∪S	∪Sb	Sb	18 33 36.2	-0.9	
BW06	Boulder Array baz=3.3	3.25 255	ePn	Pn	18 32 50.2 -0.4	
PDAR	Pinedale Array baz=3.3,SNR=86	3.25 255	ePn	Pn	18 32 51.2	+0.7
PDAR	∪S	∪Sb	Pg	18 32 54.4	-6.3	
PDAR	24nm,0.3s,baz=80,slow=18,SNR=132				18 33 38.4	
I18A	Diamond G Ranc baz=3.3	3.28 272	∪P	Pn	18 32 51.9	+0.9
H18A	Shoshone NF, C baz=3.3,SNR=2	3.30 289	∪P	Pn	18 32 51.8	+0.5
N21A	Black Mountain baz=3.4	3.35 210	∪P	Pn	18 32 53.4	+1.4
L19A	Farson baz=3.4	3.38 244	∪P	Pn	18 32 53.9	+1.6
F19A	Roth Farm, Mol baz=3.4	3.39 311	∪P	Pn	18 32 53.2	+0.7
G18A	Lazy EL Ranch, baz=3.5,SNR=57	3.47 300	∪P	Pn	18 32 54.6	+1.0
J18A	Kendall Valley baz=3.5	3.48 264	∪S	Sb	18 33 43.6	+0.1
O23A	Lake Granby, G baz=3.5	3.50 188	∪S	Sb	18 33 44.7	+0.5
D24A	Glendive baz=3.5	3.50 11	∪P	Pn	18 32 55.6	+1.5
D21A	La Casta Ranch baz=3.6	3.59 341	∪P	Pn	18 32 55.3	0.0
N20A	Spence Gulch, baz=3.6	3.60 219	∪P	Pn	18 32 56.4	+1.1
K18A	Toltan Ranch, baz=3.6	3.63 255	∪P	Pn	18 32 57.6	+1.8
O22A	Kremmling baz=3.7	3.64 195	∪P	Pn	18 32 57.5	+1.6
O22A	∪S	∪Sb	Sb	18 33 49.4	+1.2	
E19A	Rath Farm, Rou baz=3.7	3.72 320	∪P	Pn	18 32 57.0	-0.1
CGMT	Greycliff baz=3.7	3.77 306	ePn	Pn	18 32 58.4	+0.7
LKWY	Lake baz=3.8	3.78 285	ePn	Pn	18 32 55.4	-2.6
LOHW	Low Hollow baz=3.8	3.86 271	ePn	Pn	18 33 00.4	+1.5
C24A	Savage baz=3.9	3.90 9	∪P	Pn	18 33 00.6	+1.1
L18A	Fontenelle, Gr baz=3.9	3.91 245	∪S	Sb	18 33 57.1	+1.1
J17A	Brown Place, J baz=4.0	3.96 267	∪S	Sb	18 33 58.1	+0.9
MOOW	Moose Ponds baz=4.0	3.96 273	ePn	Pn	18 33 01.4	+1.2
SNOW	Snow King Moun baz=4.0	3.99 269	ePn	Pn	18 33 03.5	+2.9
REDW	Red Top Meadow baz=4.0	4.06 267	ePn	Pn	18 33 02.4	+0.7
YFT	Old Faithful baz=4.0	4.07 283	ePn	Pg	18 33 09.7	-6.7
IMW	Indian Meadow baz=4.0	4.09 275	ePn	Pn	18 33 03.9	+1.6
TPAW	Teton Pass baz=4.0	4.12 269	ePn	Pn	18 33 03.7	+1.2
AHID	Auburn Hatcher baz=4.0	4.34 260	ePn	Pn	18 33 06.3	+0.7
FRIZ	Red Ridge baz=4.0	4.40 268	ePn	Pg	18 33 07.1	+0.8
SMCO	Snowmass baz=4.0	4.67 196	ePn	Pg	18 33 20.3	-7.7
DGMT	Dagmar baz=4.0	4.85 9	ePn	Pn	18 33 13.6	+1.0
BOZ	Bozeman (W) baz=4.0	4.93 296	ePn	Pn	18 33 13.3	-0.4
HWUT	Hardware Ranch baz=4.0	5.07 248	ePn	Pn	18 33 16.2	+0.6
EGMT	Eagleton baz=4.0	5.35 326	ePn	Pn	18 33 19.0	-0.3
DAU	Daniels Canyon baz=4.0	5.51 236	Pn	Pn	18 33 23.5	+1.9
HRY	Hotter Researc baz=4.0	5.53 306	ePn	Pn	18 33 22.5	+0.6
LRM	Limekiln Ridge baz=4.0	5.53 295	ePn	Pn	18 33 21.9	0.0
MCMT	McKenzie Canyo baz=4.0	5.55 285	ePn	Pn	18 33 24.2	+2.0
HVU	Hansel Valley baz=4.0	5.83 254	Pn	Pn	18 33 24.8	-1.3

PV04	Paradox Valley	5.95 209	ePn	Pn	18 33 28.9	+1.3
SRU	San Rafael	6.03 223	ePn	Pn	18 33 28.3	-0.4
PV01	Paradox Valley	6.07 205	eP	Pn	18 33 30.9	+1.5
TMUT	Trail Mountain	6.24 227	eP	Pn	18 33 33.1	+1.5
ECSD	EROS Data Cent	6.29 87	ePn	Pn	18 33 32.5	+0.1
BGU	Big Grassy Mou	6.36 247	ePn	Pn	18 33 32.9	-0.4
CHMT	Chamberlain Mo	6.48 303	ePn	Pn	18 33 35.3	+0.4
MSU	Marysville	7.33 228	ePn	Pn	18 33 47.4	+0.8
ULM	Lac du Bonnet	9.19 41	Pn	Pn	18 34 10.4	-1.8
ULM	2.1nm,0.3s,baz=135,slow=12,SNR=11				18 36 42.6	
TXAR	Lajitas Array	14.38 174	Pg	Px	18 36 37.6	
ARCES	ARCES Array B	61.48 18	P	P	18 42 14.3	-1.9

IDC 24 18:52:06.9:3.3, 8:36S:119:48E, h168km, 32km, mb3.2/3, mb1 3.2/5, mb1mx3.0/19, mbtmp3.1/5, Error ellipse: s-maj=69.1km s-min=16.4km az=51.0, Flores region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAP	Kappang	3.33	5	Op	P	18 52 58.9	-0.2
WRI	Warrungarra Arr	18.43	130	P	P	18 56 08.9	-0.8
WRA	0.2nm,0.3s,baz=311,slow=10,SNR=14					18 59 31.6	+0.1
ASAR	Alice Springs	20.56	139	P	P	18 56 33.1	+0.5
STKA	Stephens Creek	31.15	142	P	P	18 58 10.7	+0.7
MKAR	Makanchi Array	64.11	333	P	P	19 02 23.0	-0.1

IDC 24 18:56:32.3:1.8, 1:51N:126:42E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/17, mbtmp3.5/4, Error ellipse: s-maj=164.7km s-min=23.8km az=65.0, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warrungarra Arr	22.69	160	P	P	19 01 36.4	+0.8
ASAR	Alice Springs	26.06	164	P	P	19 02 08.9	+1.3
STKA	Stephens Creek	36.19	158	P	P	19 03 35.2	-1.6
MKAR	Makanchi Array	59.20	326	P	P	19 06 35.3	+0.1

ISCJB 24 19:39:11.4:2.5, 12:11N:0:1:142:1E, 0:2, h147km, 30km, mb3.6/6, Error ellipse: s-maj=36.2km s-min=20.8km az=2.2

NEIC 24 19:39:11.5:1.9, 12:14N:142:07E, h132km, 23km, Error ellipse: s-maj=27.4km s-min=14.4km az=89.0

IDC 24 19:39:12.9:2.3, 12:15N:142:07E, h145km, 27km, mb3.4/6, mb1 3.6/7, mb1mx3.4/23, mbtmp3.4/7, Error ellipse: s-maj=29.1km s-min=16.0km az=94.0

ISC 24 19:39:12.4:2.5, 12:11N:0:1:142:0E, 0:2, h139km, 29km, n8, 0:57/10, mb3.6/6, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GUMO	Guam	3.12	62	Op	P	19 40 01.4	+0.5
GUMO	20nm,0.3s,baz=247,slow=1.8,SNR=53					19 40 38.8	+0.4
GUMO	32nm,0.3s,baz=126,slow=23,SNR=12					19 39 59.3	-1.6
GUMO	Guam	3.12	62	ePn	Pn	19 40 38.8	+0.4
GUMO	∪S	∪Sb	Sb	19 45 32.2	0.0		
WRA	Warrungarra Arr	32.76	193	P	P	19 46 42.4	+0.2
ASAR	Alice Springs	36.45	193	P	P	19 46 49.5	-0.4
CMAR	Chiang Mai Arr	41.96	284	P	P	19 47 04.2	+0.2
STKA	Stephens Creek	43.76	181	P	P	19 47 04.2	+0.2
SONM	Songino Array	47.39	327	P	P	19 47 25.5	+0.8
ILAR	Eielson Array	61.06	25	P	P	19 50 14.5	-0.6

BUI 24 20:08:08.4, 55:22N:166:41E, h26km, mb4.9/4, mb4.6/10

ISCJB 24 20:08:12.5:0.7, 54:93N:0:04:165:64E:0:4, h29km, 4km, mb4.4/4, MS3.3/5, Error ellipse: s-maj=6.1km s-min=3.5km az=17.2

KRSC 24 20:08:12.5:0.2, 54:93N:165:65E, h33km, 37km, ML 4.7

MOS 24 20:08:13.3:1.1, 55:03N:165:60E, h35km, mb4.5/22, Error ellipse: s-maj=9.4km s-min=7.9km az=75.3

IDC 24 20:08:17.4:0.7, 55:02N:165:55E, h52km, 7km, mb3.9/21, mb1 4.1/23, mb1mx4.1/29, mbtmp3.9/23, MS3.2/6, Ms1 3.2/6, ms1mx3.0/36, Error ellipse: s-maj=17.9km s-min=9.4km az=157.0

NEIC 24 20:08:17.2:0.4, 54:96N:165:57E, mb4.8/16, Error ellipse: s-maj=14.1km s-min=5.8km az=158.0

ISC 24 20:08:13.6:0.7, 54:95N:0:04:165:65E:0:04, h23km, 5km, h49km, 6.4km, pP, n122, e1305/148, mb4.4/4, MS3.3/5, 1C, Komandorsky Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BKI	Bering	0.32	36	eP	Pb	20 08 20.1	-0.6
BKI	Bering	0.32	36	iP	Sb	20 08 25.0	-0.6
BKI	Bering	0.32	36	S	Sb	20 08 20.1	-0.6
KBTR	Krutoberegovo	2.04	309	eP	Pn	20 08 44.0	-2.6
KBTR	Krutoberegovo	2.04	309	iP	Sn	20 08 44.0	-2.6
KBTR	Krutoberegovo	2.04	309	S	Sn	20 08 49.2	-0.9
MKZ	Mys Kozlova	2.31	262	eP	Sn	20 08 49.2	-0.9
MKZ	Mys Kozlova	2.31	262	iP	Sn	20 08 49.2	-0.9
MKZ	Mys Kozlova	2.31	262	S	Sn	20 09 15.7	-2.1
ZLN	Zelenaya	2.96	293	eP	Sn	20 08 59.2	+0.1
ZLN	Zelenaya	2.96	293	iP	Sn	20 09 33.7	-0.1
BZWR	Bezmyannyi-Gr	2.99	291	eP	Sn	20 09 05.9	+0.7
BZWR	Bezmyannyi-Gr	2.99	291	S	Sn	20 09 35.4	+0.7
SRKR	Sorokina	3.05	306	eP	Pn	20 09 00.1	-0.3
SRKR	Sorokina	3.05	306	iP	Sn	20 09 35.7	-0.5
BZMR	Bezmyannaya	3.10	291	eP	Pn	20 09 01.6	+0.5
BZMR	Bezmyannaya	3.10	291	iP	Sn	20 09 38.3	+0.9
BZWR	Bezmyannyi-We	3.11	291	eP	Pn	20 09 03.1	+0.7
BZWR	Bezmyannyi-We	3.11	291	S	Sn	20 09 37.6	+0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like ABKAR Akbulak array, FINES FINESS Array B, TAPN Taplejung, etc.

ISC 24 20:20:03.4:3.6, 14.161N:145.96E, h84km, mb3.6/3, mb1 3.7/3, mb1mx3.2-2.1, mbtmp3.6/3, Error ellipse: s-maj=226.3km s-min=42.8km az=170.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like GUMO Guam, BNT Makanchi Array, ILAR Eielson Array, etc.

ISC 24 20:28:03.0:2.2, 8.11S:117.88E, h0km, mb3.9/3, mb1 4.0/6, mb1mx3.7/20, mbtmp3.8/6, ML3.7/3, MS3.2/2, s-min=21.4km az=76.0, Error ellipse: s-maj=54.5km s-min=21.4km az=76.0

NEIC 24 20:28:03.0:3.8:14S:117.81E, h2km, mb4.2km, Error ellipse: s-maj=28.6km s-min=10.2km az=86.0

DJA 24 20:28:04.8:12S:117.77E, h7km, MLv4.0/12

ISCJB 24 20:28:05.0:0.4, 8.16S:107.4E:0.04, h33km, mb3.9/3, MS3.1/2, Error ellipse: s-maj=6.3km s-min=4.8km az=157.0

ISC 24 20:28:06.0:0.4, 8.16S:107.4E:0.04, h35km, n24, a1500/28, mb3.9/3, MS3.1/2, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like MTNI Mataram, KHKI Kahang-Kahang, SRBI Singaraja, etc.

NEIC 24 20:29:58.8, 16.73N:100.16W, h5km, MD3.6(MEX), After MEX

MEX 24 20:29:58.8:1.0, 16.73N:100.16W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

ISC 24 20:38:29.6:3.8, 6.47S:151.89E, h0km, mb3.2/2, mb1 3.6/2, mb1mx3.3/15, mbtmp3.3/2, Error ellipse: s-maj=170.8km s-min=48.6km az=122.0, New Britain region

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

DJA 24 21:02:58.4:396S:103.74E, h50km, MLV3.6/7, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like LWLI Liwa, MDSI Maura Dua, KLSI Lela, etc.

ISCJB 24 21:29:39.2:0.6, 39.46N:104.28E:0.05, h12km, 7km, Error ellipse: s-maj=7.4km s-min=5.0km az=139.8

DDA 24 21:29:39.4, 39.45N:104.28E, h7km, 1km, MD2.9

ISK 24 21:29:39.1, 39.47N:104.28E, h10km, MD2.8

CSEM 24 21:29:39.5:0.1, 39.46N:104.28E:0.05, h10km, MD2.9, Error ellipse: s-maj=8.1km s-min=2.4km az=64.0

ISC 24 21:29:39.6:0.7, 39.46N:104.28E:0.05, h14km, gkm, n22, a0546/30, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like DURS Dursunbey, BALB Balikesir, DEMI Demirci, etc.

CSEM 24 21:43:49.8, 37.94N:26.10W, h1km, ML2.0, After PDA

PDA 24 21:43:49.8:0.4, 37.94N:26.10W, h1km, 5km, MD3.7, ML2.0, Error ellipse: s-maj=12.0km s-min=1.6km az=24.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like PSET Sete Cidades, PONTA Ponta Delgada, PICO Pico, etc.

ISC 24 21:45:52.7:27.0, 21.04S:173.77W, h0km, mb4.1/4, mb1 4.2/4, mb1mx3.9/19, mbtmp4.1/4, Error ellipse: s-maj=507.2km s-min=154.2km az=76.0, Tonga Islands

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

1.0nm, 0.5s, baz=96, slow=8.4, SNR=12

ISC 24 22:03:42.4:0.6, 3.77S:103.03W, h0km, mb4.5/18, mb1 4.7/18, mb1mx4.5/25, mbtmp4.5/18, MS3.9/19, Ms1 3.9/19, ms1mx3.8/30, Error ellipse: s-maj=24.6km s-min=14.5km az=76.0

ISCJB 24 22:03:42.0:0.4, 3.81S:102.95W:0.06, h10km, mb4.7/770, MS4.0/22, Error ellipse: s-maj=10.1km s-min=5.7km az=146.1

NEIC 24 22:03:44.6:0.3, 3.77S:102.95W, h10km, mb4.8/53, Error ellipse: s-maj=7.7km s-min=4.8km az=61.0

BUI 24 22:03:45.6, 3.80S:102.90W, h10km, mb5.4/6, Ms5.4/7, Ms7.5/18

ISC 24 22:03:45.3:0.4, 3.78S:102.89W:0.06, h10km, n24, a0569/287, mb4.7/70, MS4.0/22, 84C-85D, Central Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like PAYG Puerto Ayora, CMIG Matias Romero, APG El Apazole, etc.

ISC 24 22:43:21.6:0.8, 35.33S:158.33W:0.13, h10km, mb3.9/3, MS3.9/3, Error ellipse: s-maj=190.5km s-min=33.5km az=133.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like 627A Terlingua Ranch, 628A Black Gap, Mar, 626A Big Bend Ranch, etc.

Y14A	Wickenburg	38.71 346	↑P	P	22 11 09.5	0.0
W25A	X Bar L Ranch,	38.82 358	↑P	P	22 11 11.1	+0.6
X16A	Lo Mia Camp,	38.84 349	↑P	P	22 11 11.1	+0.5
X15A	Humboldt	39.07 348	↑P	P	22 11 13.1	+0.5
BC3	Big Chickawall	39.08 343	↑P	P	22 11 12.6	0.0
MIAR	Mount Ida	39.12 12	eP	P	22 11 12.7	-0.2
X14A	Yava	39.20 347	P	P	22 11 14.0	+0.4
PDMCI	Parker Dam,Lak	39.34 345	↑P	P	22 11 15.0	+0.3
V24A	Rampart Ranch,	39.36 357	↑P	P	22 11 16.0	+1.0
V25A	Rancho No Teng	39.44 358	↑P	P	22 11 15.4	-0.2
IRM	Iron Mountain	39.47 344	↑P	P	22 11 15.8	-0.1
W16A	Flagstaff	39.51 349	↑P	P	22 11 17.5	+1.3
LCO	Las Campanas	39.53 133	eP	P	22 11 18.0	+1.5
X13A	Yucca	39.54 346	↑P	P	22 11 16.6	+0.2
BELC	Belle Mtn. Jos	39.56 343	↑P	P	22 11 16.8	+0.2
V22A	San Miguel Ran	39.66 355	↑P	P	22 11 18.1	+0.6
V20A	Brimhall	39.72 353	↑P	P	22 11 18.4	+0.4
W15A	Williams	39.74 348	↑P	P	22 11 19.1	+1.0
V18A	Ganado	39.84 351	↑P	P	22 11 19.2	+0.3
V17A	Tonalee, Kykot	39.89 350	↑P	P	22 11 19.8	+0.5
U26A	Atochley Ranch,	39.97 359	↑P	P	22 11 21.0	+0.9
U25A	Circle Dot Ran	40.00 358	↑P	P	22 11 20.5	+0.3
W13A	Hualapai Mount	40.03 346	↑P	P	22 11 21.2	+0.7
U22A	Ilaves	40.12 355	↑P	P	22 11 22.3	+1.0
GMRC	Granite Mounta	40.20 344	↑P	P	22 11 22.1	+0.2
U21A	Nageezi	40.25 354	↑P	P	22 11 22.7	+0.4
BFSC	Mount Baldy Ra	40.30 341	↑P	P	22 11 23.3	+0.5
V15A	Kaibab Natona	40.34 348	↑P	P	22 11 23.8	+0.7
V14A	Boquillas Ranc	40.36 347	↑P	P	22 11 24.0	+0.8
U16A	Tuba City	40.46 350	↑P	P	22 11 24.5	+0.5
U18A	Rough Rock, Ch	40.52 351	↑P	P	22 11 24.9	+0.3
T24A	Torres, Weston	40.69 357	↑P	P	22 11 26.6	+0.6
T22A	Edith	40.76 355	↑P	P	22 11 27.0	+0.4
V13A	GRAN Canyon V	40.77 346	↑P	P	22 11 27.1	+0.4
T19A	Beclabito	40.80 352	↑P	P	22 11 27.3	+0.4
V12A	Nelson	40.87 345	↑P	P	22 11 27.6	+0.1
U15A	North Rim	40.95 348	↑P	P	22 11 28.8	+0.6
EDW2	Edwards Air Fo	41.00 341	↑P	P	22 11 28.1	-0.5
GSC	Goldstone	41.01 343	↑P	P	22 11 29.0	+0.3
GSC	Goldstone	41.01 343	eP	P	22 11 29.1	+0.4
U14A	Mt Trumbull	41.13 347	↑P	P	22 11 30.2	+0.6
T18A	Mexican Hat	41.22 352	↑P	P	22 11 30.5	+0.2
T17A	Navajo Res., N	41.23 350	↑P	P	22 11 31.1	+0.7
U13A	Pakoon Wash	41.31 346	↑P	P	22 11 31.4	+0.3
SDCO	Great Sand Dun	41.39 357	↑P	P	22 11 32.5	+0.8
SDCO	Great Sand Dun	41.39 357	eP	P	22 11 32.1	+0.4
SHOC	Shoshone	41.42 343	↑P	P	22 11 32.1	+0.1
S22A	4UR Ranch, Cre	41.48 355	↑P	P	22 11 33.1	+0.6
SHPR	Sheep Range	41.69 345	eP	P	22 11 34.3	+0.1
S20A	Disappointment	41.71 353	↑P	P	22 11 34.7	+0.4
S19A	Harvey Farm, M	41.72 353	↑P	P	22 11 34.5	0.0
T14A	Hurricane	41.73 348	↑P	P	22 11 35.1	+0.5
S18A	Hurst Farm, Bl	41.78 352	P	P	22 11 35.4	+0.4
S17A	Black Ridge (B	41.86 351	↑P	P	22 11 35.9	+0.3
ISA	Isabella	41.87 341	↑P	P	22 11 35.9	+0.2
ISA	Isabella	41.87 341	eP	P	22 11 35.9	+0.2
T13A	Saint George	41.87 347	↑P	P	22 11 36.3	+0.7
MPMC	Manual Prospec	41.92 342	↑P	P	22 11 36.5	+0.3
R22A	Saguache, Gunn	41.95 355	↑P	P	22 11 37.1	+0.8
PV01	Paradox Valley	42.03 353	eP	P	22 11 36.9	-0.1
S16A	Weppner Ranch,	42.08 350	↑P	P	22 11 37.8	+0.5
FURC	Furnace Creek,	42.12 343	↑P	P	22 11 38.2	+0.5
WVT	Waverly	42.13 18	eP	P	22 11 36.8	-1.0
R21A	Cimarron	42.16 355	↑P	P	22 11 38.6	+0.6
CCUT	Cedar City	42.26 348	eP	P	22 11 39.8	+0.9
PV04	Paradox Valley	42.33 353	eP	P	22 11 39.5	+0.1
S13A	Holt Ranch, En	42.40 347	↑P	P	22 11 40.6	+0.7
R18A	Canyonlands Na	42.45 352	P	P	22 11 40.5	0.0
ARUT	Antelope Range	42.50 348	eP	P	22 11 41.1	+0.3
Q23A	Hartsel	42.56 357	↑P	P	22 11 41.8	+0.5
Q24A	Divide	42.58 357	↑P	P	22 11 42.1	+0.6
Q22A	Crested Butte,	42.59 355	↑P	P	22 11 41.8	+0.3
R16A	Teasdale	42.60 350	↑P	P	22 11 42.3	+0.6
R17A	Hanksville Air	42.61 351	↑P	P	22 11 42.1	+0.4
CFAA	Coronel Fontan	42.73 134	P	P	22 11 42.5	-0.3
CFAA	comp=Z,45nm,19.1s,MS3.4,baz=288,slow=11,SNR=5.4			LR	22 25 04.5	
Q19A	Hogan Spring (	42.93 353	P	P	22 11 44.3	+0.1
R13A	O'Grain Ranch,	42.99 347	↑P	P	22 11 45.8	+1.0
KSU1	Kansas State U	43.06 7	eP	P	22 11 45.0	-0.4
TKL	Tucklechee C	43.13 23	P	P	22 11 45.1	-0.9
Q16A	Castle Valley	43.17 351	↑P	P	22 11 46.7	+0.5
SRU	San Rafael	43.26 351	↑P	P	22 11 47.1	+0.1
SRU	San Rafael	43.26 351	eP	P	22 11 47.2	+0.3
P22A	Eagle	43.31 356	↑P	P	22 11 47.8	+0.4
P20A	De Beque	43.36 354	↑P	P	22 11 48.2	+0.4

ISCO	Idaho Springs	43.44 357	↑P	P	22 11 48.6	+0.3
ISCO	Idaho Springs	43.44 357	eP	P	22 11 48.7	+0.3
MTUM	Turton Hills	43.45 342	eP	P	22 11 48.8	+0.3
R11A	Troy Canyon, C	43.54 345	↑P	P	22 11 49.8	+0.6
TMUT	Trail Mountain	43.55 351	eP	P	22 11 50.2	+0.9
P19A	Cripple Cowboy	43.56 353	P	P	22 11 49.5	+0.1
Q14A	Sevier Lake (B	43.62 348	↑P	P	22 11 50.6	+0.7
P18A	Presto Near	43.72 352	P	P	22 11 51.2	+0.5
O22A	Kremmling	43.86 356	P	P	22 11 52.2	+0.4
O23A	Lake Granby, G	43.86 357	↑P	P	22 11 52.5	+0.7
P15A	Leamington	44.00 350	↑P	P	22 11 53.0	+0.1
P14A	Drum Mountains	44.16 349	P	P	22 11 55.1	+0.9
O19A	Miners Draw (B	44.23 343	P	P	22 11 55.1	+0.3
O18A	Roosevelt	44.32 352	↑P	P	22 11 55.8	+0.4
NVAR	Miner Array Ba	44.36 343	P	P	22 11 56.1	+0.3
NVAR	comp=Z,171nm,21.7s,MS3.9,baz=269,slow=31			LR	22 26 23.9	
NVAR	Miner Array Ba	44.36 343	P	LR	22 26 23.9	
NVAR	OLIL	44.46 17	eP	P	22 11 55.9	-0.7
N21A	Black Mountain	44.53 355	↑P	P	22 11 57.8	+0.7
DAU	Daniels Canyon	44.64 351	eP	P	22 11 58.7	+0.7
CMB	Columbia Colle	44.66 340	eP	P	22 11 57.7	-0.5
N20A	Spence Gulch,	44.67 354	↑P	P	22 11 58.6	+0.3
DUG	Dugway	44.70 349	P	P	22 11 58.9	+0.4
DUG	Dugway	44.70 349	eP	P	22 11 58.8	+0.3
WAKR	Walker	44.78 341	eP	P	22 11 60.0	+0.8
JLU	Jordanelle	44.86 351	eP	P	22 12 00.4	+0.6
N18A	Larsen Ranch,	44.97 353	↑P	P	22 12 00.8	+0.2
N17A	Moffitt Pass	45.13 351	↑P	P	22 12 01.6	0.0
N16A	Rees Ranch, Co	45.13 351	↑P	P	22 12 02.8	+0.9
M16A	Huntsville	45.58 351	↑P	P	22 12 05.8	+0.3
M17A	Scullys Gap (B	45.59 352	↑P	P	22 12 05.8	+0.2
SPUT	South Promont	45.72 350	eP	P	22 12 07.0	+0.5
HWUT	Hardware Ranch	45.86 351	eP	P	22 12 07.5	-0.2
M15A	Larsen Ranch,	45.87 350	↑P	P	22 12 07.6	-0.1
L19A	Farson	46.04 353	↑P	P	22 12 08.9	-0.2
HVU	Hansel Valley	46.23 350	eP	P	22 12 10.6	0.0
L16A	Fish Haven	46.24 351	↑P	P	22 12 10.7	0.0
L15A	Malad City	46.38 350	↑P	P	22 12 11.5	-0.3
L14A	Malta	46.56 349	P	P	22 12 13.2	0.0
K19A	Absolon Red Bu	46.70 354	↑P	P	22 12 14.0	+0.3
PDAR	Piedale Array	46.72 353	P	P	22 12 13.4	-1.0
PDAR	1.3nm,0.9s,baz=141,slow=3.5,SNR=3.9			PcP	22 13 46.3	-1.6
PDAR	comp=Z,71nm,19.9s,MS3.6,baz=52,slow=32			LR	22 28 42.9	
BW06	Boulder Array	46.72 353	↑P	P	22 12 13.8	-0.6
BW06	Boulder Array	46.72 353	eP	P	22 12 13.6	-0.9
PLCA	Paso Flores	46.90 146	LR	LR	22 26 50.5	
PLCA	comp=Z,277nm,21.2s,MS4.2,baz=323,slow=30			P	22 12 15.8	-0.1
J22A	Midwest	47.09 356	↑P	P	22 12 16.4	-0.9
J20A	Shoshoni	47.15 355	↑P	P	22 12 17.7	-0.1
REDW	Red Top Meadow	47.47 352	eP	P	22 12 20.2	-0.1
RRI2	Red Ridge	47.52 352	eP	P	22 12 20.3	-0.4
TPAW	Teton Pass	47.61 352	eP	P	22 12 21.0	-0.4
WDC	Whiskeytown Da	47.68 340	eP	P	22 12 20.7	-1.3
LOHW	Long Hollow	47.69 352	eP	P	22 12 21.3	-0.7
PPT	Papeete	47.73 250	eS	S	22 19 14.3	-5.1
PPT	270nm,24.5s			eLR	22 25 31.5	
PPT	Papeete	47.73 250	LR	LR	22 27 39.9	
I20A	Worldan	47.75 355	↑P	P	22 12 21.8	-0.6
M00A	Moosie Pond	47.84 352	↑P	P	22 12 22.5	-0.7
J14A	Carey	48.16 350	↑P	P	22 12 23.1	-0.2
IMW	Indian Meadow	48.01 352	eP	P	22 12 23.9	-0.6
J13A	Cove Ranch, P	48.05 349	↑P	P	22 12 24.8	0.0
I16A	Newdale	48.07 352	P	P	22 12 24.9	0.0
MOD	Modoc	48.15 343	eP	P	22 12 25.5	-0.1
WVOR	Wild Horse Val	48.17 344	eP	P	22 12 24.7	-1.0
HLID	Hailey	48.26 349	↑P	P	22 12 26.5	+0.1
HLID	Hailey	48.26 349	eP	P	22 12 26.0	-0.4
KHMM	Horse Mountain	48.36 339	eP	P	22 12 27.7	+0.4
MFID	Camas Ranch	48.41 347	↑P	P	22 12 27.3	-0.2
I14A	Hackey	48.43 350	↑P	P	22 12 28.0	+0.3
I13A	Wildhorse Cree	48.54 349	↑P	P</		

24d 22h

Table with columns: GYA, Guiyang, 143.82 311, ePKP, PKPdf, 22 23 22.3 +0.7, etc.

WEL 24 22:05:22.5d.0.1, 39.005S-175.23E, h5km, ML3.6/45, 11C-7D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, North Island

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

WEL 24 22:22:53.2d.0.5, 39.444S+174.29E, h207km, km, ML3.6/6, Error ellipse: s-maj=3.8km s-min=1.9km az=90.0, North Island

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

2008 SEP

Table with columns: THZ, Topohuse, 2.55 204, PN, Pn, 22 23 37.0 -1.0, etc.

ISCJB 24 22:23:19.7d.0.6, 18.81Sd.0.07d.177.62Wd.0.07, h491km, 7km, mb4.1/19, Error ellipse: s-maj=11.9km s-min=8.2km az=136.7

ICD 24 22:23:19.3d.1.6, 18.92Sd.177.55W, h475km, 21km, mb3.7/9, m1.3/11, mb1mx3.6/2, mbtmp3.8/11, Error ellipse: s-maj=22.5km s-min=11.6km az=128.0

NEIC 24 22:23:20.9d.0.7, 18.81Sd.177.57W, h493km, 7km, mb4.3/11, Error ellipse: s-maj=12.0km s-min=8.6km az=112.0

ISC 24 22:23:20.0d.0.7, 18.82Sd.0.07d.177.58Wd.0.07, h482km, 7km, n56.0, 09/06, mb4.1/19, Fiji Islands region

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

1040

Table with columns: EMHD, Djebel Mahoud, 4.96 296, P, Pn, 22 30 10.1 -0.6, etc.









25d 1h

2008 SEP

1044

Table with columns for station name, frequency, power, and other technical details. Includes stations like PALK, IBND, NWS, SMDO, BVAO, BRVK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like QIZ, Qiongzong, IPRN, IZEF, ISFB, IKLH, AKTK, AKTO, etc.

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



Table with columns for station name, frequency, power, and other technical details. Includes stations like KEV, YUK, BKSJ, KECS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PVCC, PRU, PRA, SOKA, RUE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KONO, CING, AQU, GRA1, etc.





25d 1h

Table with columns for call sign, name, frequency, power, and status. Includes stations like MVO, NWAQ, ECAB, STS, ELOB, MTE, etc.

2008 SEP

Table with columns for call sign, name, frequency, power, and status. Includes stations like SFJD, SFJD COLA, COLA, PPLA, etc.

1048

Table with columns for call sign, name, frequency, power, and status. Includes stations like SIT, SITK, SUR, DLBC, etc.

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

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

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

25d 3h

Table with columns: PDAR, Pinedale Array, 74.44 331 P, P, 02 16 29.6 +0.8, etc.

IDC 25 02:18:11.8.2.3, 6.46S, 129.61E, h0km, mb3.8/1, mb1 4.0/3, mb1mx3.9/17.5, mbtmp3.8/3, ML4.0/2, 1C, Error ellipse: s-maj=145.7km s-min=31.5km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA Warramunga Arr, 14.16 162 Pn, etc.

ISCJB 25 02:22:41.6.2.6, 59.06S, 0109.26W, 0.2, h166km, 26km, mb4.3/19, Error ellipse: s-maj=17.8km s-min=10.9km az=136.3

IDC 25 02:22:43.2.4.4, 7.59.08S, 26.75W, h166km, 45km, mb3.9/10, mb1 3.9/11, mb1mx3.9/17, mbtmp3.9/11, Error ellipse: s-maj=18.1km s-min=12.6km az=38.0

NEIC 25 02:22:43.9.2.3, 59.10S, 26.73W, h174km, 22km, mb4.6/10, Error ellipse: s-maj=11.8km s-min=8.4km az=219.0

ISC 25 02:22:42.2.2.2, 8.59.1S, 0126.7W, 0.2, h154km, 29km, n32, +0545/23, mb4.3/19, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, VNA1 Neumayer-Stat, 13.93 154 Op, etc.

ISCJB 25 02:23:37.3.1.4, 3.03N, 0106.96E, 0.09, h59km, 13km, mb4.2/19, Error ellipse: s-maj=16.4km s-min=9.1km az=161.4

IDC 25 02:23:39.6.3.4, 3.07N, 96.10E, h63km, 31km, mb3.8/16, mb1 4.0/18, mb1mx3.9/26, mbtmp3.9/18, ML3.6/1, MS3.8/1, Ms1 3.8/1, ms1mx2.7/37, Error ellipse: s-maj=26.2km s-min=12.7km az=59.0

DJA 25 02:23:39.2.93kt comp=1.2, 3.08N, 96.15E, h73km, 14km, mb4.3/3, Error ellipse: s-maj=16.5km s-min=6.8km az=61.0

ISC 25 02:23:39.0.1.3, 3.05N, 0106.96E, 0.09, h57km, 13km, n43, +0886/43, mb4.2/19, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TPTI Tuntungan, 1.14 79 P, etc.

2008 SEP

Table with columns: PPI Padang Panjang, 5.56 129 P, Pn, 02 24 59.2 0.0, etc.

IDC 25 02:39:1.8.8.49, 00S, 107.52E, h0km, mb3.5/2, mb1 3.6/2, mb1mx3.5/13, mbtmp3.5/2, Error ellipse: s-maj=40.2km s-min=33.0km az=115.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASAR Alice Springs, 32.72 49 Op, etc.

CSEM 25 02:37:42.0.0.5, 28.89N, 34.82E, h8km, ML2.5, Error ellipse: s-maj=11.0km s-min=5.1km az=95.0

SGS 25 02:37:40.5, 28.94N, 34.76E, h17km, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HOLLS Holm, 0.44 37 Op, etc.

NEIC 25 03:26:03.1, 17.83N, 95.01W, h41km, MD3.8(MEX), After MEX

MEX 25 03:26:03.1.1.4, 17.83N, 95.01W, h38km, 41km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CMIG Matias Romero, 0.75 170 Op, etc.

NIED 25 03:31:00.40.10N, 143.90E, h6km, Mw4.3 Best double couple: M2 960000, 1015, NP1 306 0000, 865.00000, -1, 135.00000, NP2 192 0000, 850.00000, -1, 34.00000

BUI 25 03:31:18.5, 40.02N, 144.10E, h15km, MB4.4/1, mb4.3/4

ISCJB 25 03:31:19.8.1.5, 40.05N, 0104.144.05E, 0.05, h21km, 11km, mb4.0/23, Error ellipse: s-maj=8.0km s-min=4.8km az=136.2

MOS 25 03:31:20.9.1.1, 40.03N, 144.19E, h33km, mb4.4/16, Error ellipse: s-maj=12.8km s-min=8.4km az=92.3

JMA 25 03:31:21.7.0.1, 40.11N, 143.94E, h31km, M4.3

IDC 25 03:31:24.0.0.5, 39.98N, 144.09E, h39km, 4km, mb3.8/18, mb1 3.9/20, mb1mx3.9/28, mbtmp3.8/20, ML3.9/2, MS3.1/1, Ms1 3.1/1, ms1mx2.8/41, Error ellipse: s-maj=17.0km s-min=12.2km az=86.0

NEIC 25 03:31:23.6.0.4, 40.02N, 144.07E, h35km, mb4.6/4, MW4.3(NIED), Error ellipse: s-maj=9.7km s-min=6.9km az=108.0

ISC 25 03:31:21.0.1.8, 40.06N, 0104.143.99E, 0.05, h15km, 11km, h39km, 1.7km, pP, P, +061/88, mb4.0/23, 1C, coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASAR Alice Springs, 32.72 49 Op, etc.

1050

Table with columns: JTH Tanohata, 1.64 267 P, Pn, 03 31 48.6 -0.6, etc.

IDC 25 02:39:1.8.8.49, 00S, 107.52E, h0km, mb3.5/2, mb1 3.6/2, mb1mx3.5/13, mbtmp3.5/2, Error ellipse: s-maj=40.2km s-min=33.0km az=115.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KUR Kuril'sk, 5.91 28 P, etc.

IDC 25 02:39:1.8.8.49, 00S, 107.52E, h0km, mb3.5/2, mb1 3.6/2, mb1mx3.5/13, mbtmp3.5/2, Error ellipse: s-maj=40.2km s-min=33.0km az=115.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASAR Alice Springs, 32.72 49 Op, etc.

NEIC 25 03:26:03.1, 17.83N, 95.01W, h41km, MD3.8(MEX), After MEX

MEX 25 03:26:03.1.1.4, 17.83N, 95.01W, h38km, 41km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CMIG Matias Romero, 0.75 170 Op, etc.

NIED 25 03:31:00.40.10N, 143.90E, h6km, Mw4.3 Best double couple: M2 960000, 1015, NP1 306 0000, 865.00000, -1, 135.00000, NP2 192 0000, 850.00000, -1, 34.00000

BUI 25 03:31:18.5, 40.02N, 144.10E, h15km, MB4.4/1, mb4.3/4

ISCJB 25 03:31:19.8.1.5, 40.05N, 0104.144.05E, 0.05, h21km, 11km, mb4.0/23, Error ellipse: s-maj=8.0km s-min=4.8km az=136.2

MOS 25 03:31:20.9.1.1, 40.03N, 144.19E, h33km, mb4.4/16, Error ellipse: s-maj=12.8km s-min=8.4km az=92.3

JMA 25 03:31:21.7.0.1, 40.11N, 143.94E, h31km, M4.3

IDC 25 03:31:24.0.0.5, 39.98N, 144.09E, h39km, 4km, mb3.8/18, mb1 3.9/20, mb1mx3.9/28, mbtmp3.8/20, ML3.9/2, MS3.1/1, Ms1 3.1/1, ms1mx2.8/41, Error ellipse: s-maj=17.0km s-min=12.2km az=86.0

NEIC 25 03:31:23.6.0.4, 40.02N, 144.07E, h35km, mb4.6/4, MW4.3(NIED), Error ellipse: s-maj=9.7km s-min=6.9km az=108.0

ISC 25 03:31:21.0.1.8, 40.06N, 0104.143.99E, 0.05, h15km, 11km, h39km, 1.7km, pP, P, +061/88, mb4.0/23, 1C, coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASAR Alice Springs, 32.72 49 Op, etc.







V14A	Boquillas Ranch	77.09	47	UP	P	05 00 35.4 +0.6
X15A	Humboldt	77.14	48	UP	P	05 00 35.3 +0.2
TUC	Tucson	77.14	51	EP	P	05 00 35.3 +0.1
T13A	Saint George	77.25	45	UP	P	05 00 35.9 +0.2
117A	Oracle	77.30	51	UP	P	05 00 36.5 +0.5
318A	Bisbee	77.33	52	UP	P	05 00 36.0 -0.2
Y16A	Circle Bar Ranch	77.38	49	UP	P	05 00 36.5 0.0
U14A	Mt Trumbull	77.44	46	UP	P	05 00 37.3 +0.5
S13A	Holt Ranch, En	77.58	45	UP	P	05 00 37.7 +0.2
X16A	Lo Mia Camp, P	77.67	49	UP	P	05 00 38.5 +0.4
R13A	O'Grain Ranch,	77.81	44	UP	P	05 00 39.3 +0.5
319A	Douglas	77.84	52	UP	P	05 00 39.2 +0.1
V15A	Kaibab Nationa	77.84	47	UP	P	05 00 39.4 +0.4
CCUT	Cedar City	77.90	45	EP	P	05 00 40.0 +0.8
118A	Homack Ranch,	77.90	51	UP	P	05 00 39.8 +0.3
U15A	North Rim	78.06	46	UP	P	05 00 41.1 +0.9
X17A	Forest Lakes	78.09	49	UP	P	05 00 41.3 +0.8
219A	White Tail Can	78.14	52	UP	P	05 00 40.8 +0.1
T15A	Red Dirt Ranch	78.30	46	UP	P	05 00 42.1 +0.6
S15A	Panguitch	78.64	45	UP	P	05 00 44.5 +1.1
220A	Playas Peak, P	78.65	52	UP	P	05 00 43.3 -0.5
Q14A	Sevier Lake (B	78.70	44	UP	P	05 00 43.9 +0.3
G08A	Pilot Rock	78.71	36	UP	P	05 00 43.6 +0.1
V17A	Tonaleia, Kykot	78.72	48	UP	P	05 00 43.5 -0.3
U16A	Tuba City	78.74	47	UP	P	05 00 44.7 +0.7
T16A	Glen Canyon Da	78.89	46	UP	P	05 00 45.2 +0.5
Y19A	Nutrios	79.05	50	UP	P	05 00 46.3 +0.6
Z20A	Nine Sixteen R	79.15	51	UP	P	05 00 47.0 +0.8
P14A	Drum Mountains	79.15	43	UP	P	05 00 46.1 0.0
S16A	Wepner Ranch,	79.19	46	UP	P	05 00 46.6 +0.2
MSU	Marysvalle	79.19	45	EP	P	05 00 47.3 +0.9
MDJ	Mudanjiang	79.24	323	P	P	05 00 49.8 +3.3
MDJ	comp=Z,9.0nm,2.5s,mb4.2				pmax	pmax
MDJ	comp=Z,4.8nm,4.0s					
V18A	Ganado	79.38	48	UP	P	05 00 47.9 +0.5
T17A	Navajo Res., N	79.38	47	UP	P	05 00 47.7 +0.2
MFID	Camas Ranch	79.46	39	UP	P	05 00 47.5 -0.2
121A	Cookes Peak, D	79.49	52	UP	P	05 00 48.1 -0.1
R16A	Teasdale	79.55	45	UP	P	05 00 49.3 +1.0
DUG	Dugway	79.63	43	UP	P	05 00 48.2 -0.5
Y20A	Horse Springs,	79.67	50	UP	P	05 00 48.9 -0.2
S17A	Black Ridge (B	79.70	46	UP	P	05 00 48.8 -0.4
U18A	Rough Rock, Ch	79.76	47	UP	P	05 00 49.9 +0.4
D08A	Wollman Farm,	79.79	35	UP	P	05 00 49.3 -0.1
X20A	Quemado	79.87	50	UP	P	05 00 50.5 +0.3
E09A	Wood Farm, Sta	79.89	35	UP	P	05 00 49.7 -0.3
Z21A	St. Cloud Mine	79.93	51	UP	P	05 00 51.5 +1.0
V19A	Window Rock	80.02	48	UP	P	05 00 50.9 0.0
I12A	Atlanta	80.09	39	UP	P	05 00 51.3 +0.2
F10A	Beach Ranch, E	80.09	36	UP	P	05 00 50.4 -0.7
T18A	Mexican Hat	80.10	47	P	P	05 00 51.8 +0.4
W20A	Ramah	80.14	49	UP	P	05 00 52.5 +0.9
R17A	Hanksville Air	80.14	45	UP	P	05 00 51.3 -0.2
U19A	Dine' College,	80.17	48	UP	P	05 00 52.2 +0.5
N15A	Stansbury Isla	80.18	42	UP	P	05 00 51.4 -0.2
Y21A	Point of Rocks	80.24	50	UP	P	05 00 53.1 +1.0
L14A	Malta	80.31	41	UP	P	05 00 52.4 0.0
B08A	Colville Reser	80.35	33	UP	P	05 00 51.7 -0.7
HLID	Hailey	80.40	39	UP	P	05 00 53.0 +0.2
HLID	Hailey	80.40	39	EP	P	05 00 52.8 0.0
J13A	Cove Ranch, Pi	80.46	40	UP	P	05 00 53.4 +0.3
M15A	Larsen Ranch,	80.52	42	UP	P	05 00 53.2 -0.3
T19A	Beclabito	80.56	47	UP	P	05 00 53.9 +0.1
SRU	San Rafael	80.61	45	UP	P	05 00 53.9 -0.1
K14A	Jones Ranch, D	80.62	41	UP	P	05 00 54.0 0.0
P17A	Butcher Ranch,	80.64	44	UP	P	05 00 54.3 +0.1
H12A	Diamond D Ranc	80.67	38	UP	P	05 00 54.2 0.0
R18A	Canyonlands Na	80.69	46	UP	P	05 00 54.6 +0.1
G12A	Big Creek, Yel	80.72	38	UP	P	05 00 54.2 -0.2
I13A	Wildhorse Cree	80.77	39	UP	P	05 00 54.9 +0.2
324A	Moseley Ranch,	80.78	54	UP	P	05 00 55.0 -0.2
J14A	Carey	80.82	40	UP	P	05 00 55.7 +0.7
L15A	Malad City	80.84	42	UP	P	05 00 54.9 -0.2
Q18A	Rafter H Ranch	80.87	45	UP	P	05 00 55.3 -0.1
425A	Indio Mountain	80.89	54	UP	P	05 00 56.1 +0.4
S19A	Harvey Farm, M	80.91	47	UP	P	05 00 55.9 +0.3
MNTX	Cornudas Mount	80.97	53	UP	P	05 00 56.1 0.0
O17A	Robinson Place	81.00	44	UP	P	05 00 56.3 +0.3
224A	Cornudas Mount	81.02	53	UP	P	05 00 56.7 +0.3
P18A	Preston Nutter	81.05	44	UP	P	05 00 56.6 +0.2
626A	Big Bend Ranch	81.06	56	UP	P	05 00 56.9 +0.3
R19A	Curley Farm, L	81.08	46	UP	P	05 00 56.6 +0.1
K15A	Arbon	81.10	41	UP	P	05 00 56.5 0.0
F12A	Elk City	81.11	37	P	P	05 00 56.2 -0.3
325A	Bean Ranch, Si	81.15	54	UP	P	05 00 57.1 0.0

HWUT	Hardware Ranch	81.17	42	EP	P	05 00 56.5 -0.4
CN2	Changchun	81.27	320	EP	P	05 01 01.6 +4.2
S26A	Mary Lande Ranch	81.30	55	UP	P	05 00 58.0 +0.2
N17A	Moffitt Pass	81.31	43	UP	P	05 00 57.9 +0.3
TRF	Thorofore Moun	81.32	10	EP	P	05 00 56.2 -1.0
124A	Stringfield Ra	81.33	52	UP	P	05 00 58.5 +0.5
TXAR	Lajitas Array	81.34	56	P	P	05 00 57.6 -0.6
U21A	Nageezi	81.34	48	UP	P	05 00 57.8 -0.2
PV04	Paradox Valley	81.36	46	EP	P	05 00 58.1 0.0
L16A	Fish Haven	81.46	42	UP	P	05 00 58.0 -0.4
S20A	Disappointment	81.49	47	UP	P	05 00 59.0 +0.3
J15A	Blackfoot	81.54	40	UP	P	05 00 59.4 +0.6
ANMO	Albuquerque	81.55	50	EP	P	05 00 59.2 +0.1
225A	Deer Hill, Car	81.57	53	P	P	05 00 59.5 +0.2
426A	McDonald Obser	81.59	55	UP	P	05 00 59.8 +0.4
H14A	Leadore	81.60	39	UP	P	05 00 59.2 +0.1
627A	Tenigua Ranc	81.61	56	UP	P	05 00 59.8 +0.2
Z22A	San Miguel Ran	81.65	49	UP	P	05 00 59.7 +0.1
F13A	Darby	81.66	38	UP	P	05 00 58.8 -0.7
Z24A	Sheeppen Canyo	81.67	52	UP	P	05 00 60.0 +0.2
S27A	Woodward Ranch	81.71	55	UP	P	05 00 59.4 -0.7
C11A	Tepee Creek (N	81.75	35	UP	P	05 00 59.2 -0.4
D12A	Red Ives Fores	81.77	36	UP	P	05 00 58.8 -1.2
S21A	Coal Bank Pass	81.81	47	UP	P	05 01 00.5 0.0
MCK	McKinley	81.82	11	EP	P	05 00 59.3 -0.6
Y24A	Capitan	81.87	51	UP	P	05 01 00.8 -0.2
W23A	Werner Place,	81.88	50	UP	P	05 01 00.8 -0.1
U22A	Llaves	81.90	49	UP	P	05 01 00.9 0.0
GDL2	Guadalupe Moun	81.96	53	EP	P	05 01 01.6 +0.2
J16A	Bone	81.98	41	UP	P	05 01 01.5 +0.3
628A	Blue Gap, Mar	82.02	56	UP	P	05 01 01.6 -0.1
H15A	Lima	82.04	39	UP	P	05 01 01.8 +0.4
Q20A	Ridgley Place,	82.06	46	UP	P	05 01 01.8 +0.1
E13A	Victor	82.10	37	P	P	05 01 01.0 -0.7
V23A	Ortiz Mt. (NFS	82.11	49	UP	P	05 01 01.6 -0.4
226A	Malaga, Loving	82.11	54	UP	P	05 01 01.5 -0.6
T22A	Edith	82.15	48	UP	P	05 01 02.2 0.0
427A	Hayer Ranch,	82.16	55	P	P	05 01 02.6 +0.2
RR12	Red Ridge	82.20	41	EP	P	05 01 03.1 +0.7
P20A	De Beque	82.25	45	UP	P	05 01 02.7 0.0
D13A	Huson	82.30	36	UP	P	05 01 01.6 -1.2
R21A	Cimarron	82.31	47	UP	P	05 01 03.1 +0.2
U23A	El Rito	82.36	49	UP	P	05 01 03.7 +0.4
I16A	Newdale	82.37	40	UP	P	05 01 03.8 +0.7
S28A	Cox Ranch, San	82.37	56	UP	P	05 01 03.7 +0.2
G15A	Dillon	82.42	39	UP	P	05 01 03.5 0.0
Y25A	Mess Roswell	82.43	52	UP	P	05 01 03.5 -0.2
W24A	Lazy 6 Ranch,	82.44	50	UP	P	05 01 03.7 -0.1
E14A	Clinton	82.49	37	UP	P	05 01 03.5 -0.3
REDW	Red Top Meadow	82.51	41	EP	P	05 01 03.9 0.0
TPAW	Teton Pass	82.51	41	EP	P	05 01 04.2 +0.3
S22A	4UR Ranch, Cre	82.53	47	UP	P	05 01 04.9 +0.8
J17A	Brown Place, J	82.60	41	UP	P	05 01 04.5 +0.1
SNOW	Snow King Moun	82.62	41	EP	P	05 01 04.5 0.0
K18A	Toitan Ranch,	82.66	42	UP	P	05 01 05.0 +0.3
428A	Mesquite Ranch,	82.68	55	UP	P	05 01 04.7 -0.4
M19A	Rock Springs	82.69	43	UP	P	05 01 04.8 -0.1
IMW	Indian Meadow	82.72	40	EP	P	05 01 05.1 +0.1
V24A	Rampart Ranch,	82.77	50	UP	P	05 01 05.7 +0.3
LOHW	Long Hollow	82.79	41	EP	P	05 01 04.2 -1.2
R22A	Saguache, Gunn	82.80	47	UP	P	05 01 06.4 +0.9
328A	Wristen Ranch,	82.84	55	UP	P	05 01 05.6 -0.4
L19A	Farson	82.84	43	UP	P	05 01 05.5 -0.2
QLMT	Earthquake Lak	82.89	39	EP	P	05 01 06.5 +0.6
H16A	Russell Place	82.94	40	P	P	05 01 06.8 +0.7
J18A	Kendall Valley	82.96	41	UP	P	05 01 06.3 +0.1
N20A	Spence Gulch,	82.96	44	UP	P	05 01 06.4 0.0
Q22A	Crested Butte,	82.98	46	UP	P	05 01 07.0 +0.5
BW06	Boulder Array	83.04	42	P	P	05 01 06.3 -0.3
PDAR	Pinedale Array	83.04	42	P	P	05 01 05.5 -1.1
COLA	College	83.06	11	EP	P	05 01 05.7 -0.6
SMCO	Snowmass	83.08	46	EP	P	05 01 07.2 +0.2
ILAR	Eielson Array	83.15	11	P	P	05 01 05.6 -1.1
W25A	Y B Land Ranch,	83.15				

25d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTH Pithoragarh, KLP Kalpa, DDI Dehra Dun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlovka, TUMR Tumrok, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOR Gori, ARTV Artvin, DAGI Agillar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTH Pithoragarh, KLP Kalpa, SONA Sohna, etc.

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comp=Z,0.3nm,0.6s,mb3.4,baz=328,slow=6.5,SNR=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PINB Pinarbası, KACD Akcadag, KCOZ Kozan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, COEN Coen, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 25 06:04:00, BUI 25 06:04:55, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYK Okura, JOU Ouri, JIO Ohasama, etc.



25d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Vranov, Moravsky, etc.

NNC 25 06:35:48.0,3.2,53.76N,86.92E, h0km, mb3.8, mpv3.5, 10C-2D, Error ellipse: s-maj=27.0km s-min=19.6km az=68.0, Southwestern Siberia

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

DJA 25 06:37:31.3,3.67S,127.41E, h6km, MLV4.0/6, Seram

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

IDD 25 06:46:44.9,3.2,30.66N,83.16E, h0km, mb3.6/3, mb1.3/8.5, mb1mx3.6/26, mbmp3.5/5, ML3.9/2, Ms1.3/7.2, ms1mx2.6/33, Error ellipse: s-maj=97.3km s-min=29.0km az=73.0

ISCJB 25 06:45:46.0,8.0,30.74N,0.09,83.41E,0.05,h10km, s-mb3.5/3, MS3.7/2, Error ellipse: s-maj=12.8km s-min=6.0km az=172.0

NDI 25 06:47:35.9,2.8,29.93N,82.10E, h10km, ML2.5, ISC 25 06:48:4.0,8.0,30.71N,0.10,83.52E,0.05,h10km,n13, az=113.15, mb3.4/3, MS3.7/2, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pithoragarh, Kaiba, Dehra Dun, etc.

BUI 25 06:54:27.1,38.40N,30.20W, h10km, mb5.3/5, mb5.1/7, Ms4.9/5, Ms7.4/5

IDD 25 06:54:28.4,0.6,38.39N,30.39W, h0km, mb4.2/22, mb1.4/4.22, mb1mx4.2/31, mbmp4.2/22, MS3.8/2, Ms1.3/8.22, ms1mx3.7/34, Error ellipse: s-maj=18.8km s-min=12.6km az=154.0

CSEM 25 06:54:30.7,0.2,38.26N,30.01W, h10km, mb4.6/20, Ms3.2, Error ellipse: s-maj=10.7km s-min=4.3km az=2.0

INMG 25 06:54:31.0,38.30N,30.20W, h5km, ML4.1

NEIC 25 06:54:31.1,0.4,38.43N,30.25W, h10km, mb4.6/25, ML4.1(CVSA), Error ellipse: s-maj=12.4km s-min=5.1km az=175.0

PDA 25 06:54:31.1,1.1,38.32N,30.27W, h5km, MD3.8, ML4.1, Error ellipse: s-maj=6.7km s-min=6.1km az=165.0

ISC 25 06:54:30.3,0.9,38.23N,0.06,29.98W,0.03,h7km,4km,n200,rt122/201,mb4.4,48,MS3.7/25,1C,Azores Islands

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

2008 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Candalaria, Pico, Rosais, Ribeirinha, etc.

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

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TKM2 Tokmak 2, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like KSH Kashi, WMQ Urumqi, BOSHA Boshof, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like SONM Sogingo Array, PLCA Paso Flores, PETK Petropavlovsk, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like HHC Hu-ho-hao-te, BJI Beijing, CD2 Chengdu, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like MAW Mawson, FITZ Fitzroy Crossi, ASAR Asahi Kawakawa, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like IDC 25 07:00:42.5, BUI 25 07:06:06.8, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like CMIG Matias Romero, TEIG Tepich, ATAH Athalupa, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like ATAH Athalupa, TXAR Lajitas Array, LPAZ La Paz, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like NVAR Mina Array Bea, PDAR Pinedale Array, PLCA Paso Flores, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like ILAR Eielson Array, BUI 25 07:06:06.8, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like BUI 25 07:06:06.8, IDC 25 07:08:21.2, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like IDC 25 07:08:21.2, ISCJB 25 07:08:26.7, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like DJA 25 07:08:26.7, IDC 25 07:08:27.5, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like MNI Manado, TNTI Ternate, KMSI Cibinong, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, PSI Prapat, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like STKA Stephens Creek, STKA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like ASAR Alice Springs, CMAR Chiang Mai Arr, ILAR Eielson Array, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TXAR Lajitas Array, PDAR Pinedale Array, YKA Yellowknife Arr, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like GERES GERESE Array B, IDC 25 07:23:24.4, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like IDC 25 07:23:24.4, LPAZ La Paz, PLCA Paso Flores, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like BDFB Brasilia, TORD Torodi Arr, WRA Warramunga Arr, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like MKAR Makanchi Array, ISCJB 25 07:25:29.7, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like NEIC Necker, IDC 25 07:25:29.7, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like IDC 25 07:25:29.7, Code Station Name, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like Code Station Name, TAII Yung-kang, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like SCLT SCLT, CHN3 Shinhua, TWM1 Shoushan, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like CHN1 Nanshi, CHN1 Nanshi, SGST Jiashian, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like WTP Ta-pu, WTP Ta-pu, CHY Chiayi, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like CHY Chiayi, TPUB Ta-pu, STYT Taiyuan, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like PNG Penghu, PNG Penghu, ALS Alishan, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TAW Taw, SSSLB Suanglung, TYC Yuchir, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TYC Yuchir, SMLT Sun Moon Lake, TWF1 Yuli, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TWF1 Yuli, YULB Hungye, CHKT Chengkung, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like CHKT Chengkung, EHY Hungye, EHY Hungye, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like EHY Hungye, TCU Taichung, TWK1 Hengchun, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TWK1 Hengchun, ESL Shilin, TWQ1 Luyitan, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TWQ1 Luyitan, WHF Hehuan Shan, WHF Hehuan Shan, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like WHF Hehuan Shan, TWT Tachien, LAY Lan-yu, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like LAY Lan-yu, NACB Ninganchiao, NACB Ninganchiao, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like NACB Ninganchiao, ENA Yeheng, ENA Yeheng, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like ENA Yeheng, ENT Nioudou, TWC Suao, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like TWC Suao, QZH Quanzhou, QZH Quanzhou, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like QZH Quanzhou, CASC 25 07:46:14.8, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like CASC 25 07:46:14.8, Code Station Name, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, M, Time, Res. Includes entries like Code Station Name, FUG Fuego 3, FG6 Jato, etc.













25d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JWJ Wachi, JHE Heguri, JKS Kasai, JKY Yasaka, etc.

KRSC 25 14:19:16.5:0.7,51.61N:158.05E,h101km,101km,ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PET Petropavlovsk, AVH Avacha, NLC Nalytchevo, etc.

ISCJB 25 14:26:22.1±0.8,35.9N:0.1±1.137.5E:0.1,h248km,6km, mb3.1/3, Error ellipse: s-maj=21.8km s-min=10.3km

az=148.2
IDC 25 14:26:23.2±1.9,35.38N:137.34E,h214km,45km,mb2.9/3, mb1.3/1.3,mb1mx2.8/2.3,mbtmp2/9.3, Error ellipse: s-maj=113.8km s-min=21.5km az=65.0
JMA 25 14:26:23.0±0.2,35.88N:137.49E,h243km,2km,M2.6
ISC 25 14:26:23.1±0.8,35.9N:0.1±1.137.4E:0.1,h243km,6km,n17, az=37/23,mb3.1/3,Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JGF Kuroka, JGM Miyama, JMAT Matsushiro, etc.

IDC 25 14:40:27.9±1.0,13.96N:146.57E,h0km,mb3.7/9, mb1.3/9,mb1mx2.8/2.3,mbtmp3.8/9,MS4.2/1,Ms1.4/2/1, ms1mx2.7/31, Error ellipse: s-maj=24.7km s-min=19.7km az=107.0

ISCJB 25 14:40:33.9±3.1,14.0N:0.1±1.146.4E:0.2,h58km,25km, mb3.8/10,MS3.5/2, Error ellipse: s-maj=30.3km s-min=19.6km az=73.6
NEIC 25 14:40:34.2±2.7,13.91N:146.47E,h44km,23km,mb4.5/1, Error ellipse: s-maj=24.3km s-min=14.3km az=82.0
ISC 25 14:40:34.5±3.4,13.9N:0.1±1.146.4E:0.2,h47km,29km,n15, az=676/14,mb3.8/10,MS3.5/2,South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, JOW Kunigami, KSRs Korea Array, etc.

JMA 25 15:06:23.5:0.2,37.62N:142.18E,h29km,3km,M1.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIO Ouri, JFK Kawauchi, JMM Marumori, etc.

NIED 25 15:06:00,36.70N:142.30E,h23km,Mw4.9 Best double couple: M2.21000x10^16 NP1.8x10.00000^2, delta7.00000^2, lambda3.00000^2. NP2.9x214.00000^2, delta2.00000^2, lambda10.00000^2.

JMA 25 15:06:41.2±0.3,36.73N:142.28E,h21km,5km,M4.7
NEIC 25 15:06:42.4±2.5,36.77N:142.18E,h14km,15km,mb4.8/47, MW4.8(NIED), Error ellipse: s-maj=7.5km s-min=4.4km az=143.0

ISCJB 25 15:06:43.0±0.2,36.70N:0.02±1.142.24E:0.03,h32km, mb4.7/3,MS4.3/38, Error ellipse: s-maj=3.6km s-min=3.2km az=44.5

BJI 25 15:06:43.9,36.96N:142.01E,h28km,mb4.8/18,mb4.8/34, MS4.5/26,MS7.4/5/25

2008 SEP

MOS 25 15:06:45.3±1.0,37.06N:142.06E,h33km,mb4.9/49, Error ellipse: s-maj=7.9km s-min=5.3km az=108.4
IDC 25 15:06:45.1±0.4,36.67N:142.14E,h32km,2km,mb4.2/20, mb1.4/3/26,mb1mx4.3/32,mbtmp4/26,ML3.8/6,MS4.1/22, Ms1.4/1/22,ms1mx3.9/47, Error ellipse: s-maj=12.7km s-min=9.3km az=108.0
ISC 25 15:06:45.3±0.2,36.74N:0.02±1.142.20E:0.03,h34km, h34km,7km;pP,n240,r150/252,mb4.7/83,MS4.3/38, 11C-9D,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ONAJ Iwakimizuishi, JFK Kawauchi, JHO Hitachi, etc.

MJAR Matsushiro Arr 36nm,0.3s,baz=80,slow=8.1,SNR=347

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matsushiro, MAJO Matsushiro, MAJAO Matsushiro, etc.

KUR Kuril'sk 9.50 25 P Pn 15 09 00.5 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBJ Chichi jima, YSS Yuzh-Sakhalins, etc.

KLR Kul'dur 14.62 332 eP MLR 15 10 06.8 -2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KLR Kul'dur, JOW Kunigami, SSS Shengan, etc.

1062

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NJ2, HIA Hailar, BJT Baijiatuau, etc.

BILL		i	S	15 14 38.4
BILL		eS	S	15 18 56.9 +6.9
BILL		pmax	pmax	
BILL	comp=Z,17nm,2.5s,mb4.5	MLR	MLR	
KMI	comp=Z,100nm,17.0s,MS3.6	MLR	MLR	
KMI	<b>Kunming</b>	35.54 262	P	15 13 38.5 -0.7
KMI		pP	pP	15 13 43.8 -5.3
KMI		pmax	pmax	
KMI	comp=Z,14nm,1.0s,mb4.8	LR	LR	
KMI	comp=N,290nm,17.2s,MS4.3	LR	LR	
KMI	comp=E,340nm,17.7s,MS4.3	LR	LR	
KMI	comp=Z,430nm,18.2s,MS4.2	LR	LR	
CHTO	<b>Chiang Mai</b>	41.83 257	eP	15 14 31.2 -0.7
CHTO	comp=Z,8.4nm,1.1s,mb4.3	eP	P	
CHTO	<b>Chiang Mai</b>	41.83 257	eP	15 14 31.3 -0.7
CHTO		pmax	pmax	
CM31	comp=Z,8.0nm,1.1s,mb4.3	P	P	15 14 31.4 -2.3
CMAR	<b>Chiang Mai Arr</b>	42.03 256	P	15 14 33.1 -0.5
CMAR	comp=Z,2.4nm,0.7s,mb3.9	P	P	
CMAR	comp=Z,1.1nm,0.8s,mb3.6,baz=45,slo=6.3,SNR=8.8	P	P	
CMAR	<b>Chiang Mai Arr</b>	42.03 256	P	15 14 33.1 -0.5
ZAAO	<b>Zalesovo Array</b>	42.58 313	eP	15 14 37.6 -0.1
ZALV	<b>Zalesovo Beam</b>	42.58 313	eP	15 14 37.7 0.0
ZALV	comp=Z,9.7nm,0.9s,mb4.5,baz=87,slo=6.4,SNR=36	P	P	
ZALV		PCP	PCP	15 16 29.1 -0.3
ZALV	comp=Z,2.3nm,0.6s,baz=92,slo=5.0,SNR=4.2	LR	LR	15 32 59.0
ZALV	comp=Z,259nm,19.5s,MS4.1,baz=76,slo=37	P	P	15 14 37.4 +0.1
ZALV	<b>Zalesovo Beam</b>	42.58 313	P	15 14 29.1
ZALV		pmax	pmax	
ZALV	comp=Z,10.0nm,0.9s,mb4.5	MLR	MLR	
ZALV	comp=Z,259nm,19.5s,MS4.1	MLR	MLR	
LSA	<b>Lhasa</b>	42.86 276	P	15 14 41.8 +1.5
LSA		eP	P	15 14 42.5 +2.2
LSA	comp=Z,7.1nm,0.8s,mb4.5	eP	P	15 14 42.5 +2.2
LSA	<b>Lhasa</b>	42.86 276	eP	15 14 42.5 +2.2
LSA		pmax	pmax	
NVS	comp=Z,7.0nm,0.8s,mb4.0	P	P	15 14 44.9 -0.2
NVS	<b>Novosibirsk</b>	43.54 314	eP	15 14 44.9 -0.2
NVS		pmax	pmax	
NVS	comp=E,13nm,1.5s	pmax	pmax	
NVS	comp=Z,2.1nm,1.5s,mb4.7	pmax	pmax	
NVS		pmax	pmax	
MK31	comp=N,4.0nm,1.1s	P	P	15 14 55.5 -0.2
MK31	<b>Makanchi Array</b>	44.81 302	eP	15 14 55.5 -0.2
MK31		eP	P	15 14 55.7 +0.1
MKAR	<b>Makanchi Array</b>	44.81 302	eP	15 14 55.7 +0.1
MKAR	comp=N,4.8nm,0.7s,mb4.4,baz=88,slo=9.7,SNR=24	LR	LR	15 34 06.7
MKAR	comp=N,132nm,20.6s,MS3.9,baz=98,slo=37	P	P	15 14 55.7 +0.1
MKAR	<b>Makanchi Array</b>	44.81 302	P	15 34 06.7
MKAR		LR	LR	15 14 55.7 0.0
MKAR		LR	LR	
MKAR	<b>Makanchi Array</b>	44.81 302	P	15 14 55.7 0.0
MKAR		LR	LR	
MKAR	comp=Z,5.0nm,0.7s	MLR	MLR	
MSA	comp=Z,132nm,20.6s	MLR	MLR	
KSM	<b>Kuching</b>	45.81 227	eP	15 15 03.3 -0.7
TAPN	<b>Taplejung</b>	46.59 275	eP	15 15 10.6 +0.6
KURK	comp=Z,18nm,0.6s,mb5.1	eP	P	15 15 09.5 -0.3
KURK	<b>Kurchatov</b>	46.61 308	eP	15 15 09.5 -0.3
KURK	comp=Z,24nm,0.9s,mb5.1	eP	P	15 15 09.5 -0.3
KURK	<b>Kurchatov</b>	46.61 308	eP	15 15 09.5 -0.3
KURK		pmax	pmax	
KDAK	comp=Z,24nm,0.9s,mb5.1	P	P	15 15 12.0 0.0
KDAK	<b>Kodiak Island</b>	46.90 42	P	15 15 12.0 0.0
KDAK	comp=Z,6.6nm,0.6s,mb4.7,baz=61,slo=1.1,SNR=5.1	P	P	15 15 11.8 -0.2
KDAK	<b>Kodiak Island</b>	46.90 42	P	15 15 11.8 -0.2
KDAK		pmax	pmax	
KDAK	comp=Z,2.1nm,1.0s,mb5.0	P	P	15 15 12.6 +0.6
KDAK	<b>Kodiak Island</b>	46.90 42	eP	15 15 14.3 +0.6
ODAN	<b>Odare</b>	47.06 274	eP	15 15 12.6 +0.6
GUN	comp=Z,33nm,0.9s,mb5.3	eP	P	15 15 20.4 +0.9
GUN	<b>Gumbi</b>	48.11 276	eP	15 15 20.4 +0.9
GUN	comp=Z,13nm,0.4s,mb5.3	eP	P	15 15 23.8 +0.2
PKI	<b>Pulchoki</b>	48.33 276	eP	15 15 23.8 +0.2
PKI	comp=Z,9.9nm,0.7s,mb5.0	eP	P	15 15 23.8 +0.2
PKI	<b>Pulchoki</b>	48.33 276	eP	15 15 23.8 +0.2
PKI		pmax	pmax	
PKIN	comp=Z,10.0nm,0.7s,mb5.0	P	P	15 15 23.8 +0.2
PKIN	<b>Phulchoki</b>	48.34 276	eP	15 15 23.8 +0.2
PKIN		eP	P	15 15 24.2 +0.6
KKN	<b>Kakani</b>	48.34 276	eP	15 15 24.2 +0.6
KKN	comp=Z,22nm,0.7s,mb5.3	eP	P	15 15 24.2 +0.6
KKN	<b>Kakani</b>	48.34 276	eP	15 15 24.2 +0.6
KKN		pmax	pmax	
PMR	comp=Z,22nm,0.7s,mb5.3	P	P	15 15 24.3 +0.1
PMR	<b>Palmer</b>	48.48 37	eP	15 15 24.3 +0.1
PMR	comp=Z,19nm,1.1s,mb5.0	eP	P	15 15 24.3 +0.1
PMR	<b>Palmer</b>	48.48 37	eP	15 15 24.3 +0.1
PMR		pmax	pmax	
MCK	comp=Z,19nm,1.1s,mb5.0	P	P	15 15 23.1 -1.5
MCK	<b>McKinley</b>	48.53 34	eP	15 15 23.1 -1.5
MCK	comp=Z,8.7nm,0.9s,mb4.8	eP	P	15 15 23.1 -1.4
MCK	<b>McKinley</b>	48.53 34	eP	15 15 23.1 -1.4
MCK		pmax	pmax	
DMN	comp=Z,9.0nm,0.9s,mb4.8	P	P	15 15 25.9 +0.6
GKN	<b>Daman</b>	48.56 276	eP	15 15 27.4 +0.5
GKN		eP	P	15 15 26.9 -0.2
SML	<b>Sawmill</b>	48.86 36	eP	15 15 26.9 -0.2
SML	comp=Z,3.8nm,0.9s,mb4.4	eP	P	15 15 26.9 -0.2
SML	<b>Sawmill</b>	48.86 36	eP	15 15 26.9 -0.2
SML		pmax	pmax	
COLA	comp=Z,4.0nm,0.9s,mb4.5	P	P	15 15 27.5 -0.6
COLA	<b>College</b>	48.99 32	eP	15 15 27.5 -0.6
COLA	comp=Z,10nm,0.9s,mb4.3	eP	P	15 15 27.5 -0.6
COLA	<b>College</b>	48.99 32	eP	15 15 27.5 -0.6
COLA		pmax	pmax	
DANN	comp=Z,10.0nm,0.9s,mb4.8	P	P	15 15 31.9 +0.8
DANN	<b>Dangsi</b>	49.31 278	eP	15 15 31.9 +0.8
ILAR	comp=Z,4.5nm,0.7s,mb4.6	P	P	15 15 31.6 +0.3
ILAR	<b>Eielson Array</b>	49.41 32	P	15 15 41.6 +0.1
ILAR	comp=Z,4.8nm,0.7s,mb4.6,baz=265,slo=6.5,SNR=60	P	P	15 15 41.6 +0.1
ILAR		pP	pP	15 15 41.7 +0.2
ILAR	comp=Z,7.9nm,0.8s,baz=267,slo=6.6,SNR=18	P	P	15 15 31.6 +0.3
ILAR	<b>Eielson Array</b>	49.41 32	P	15 15 31.6 +0.3
ILAR		*PP	pP	15 15 41.7 +0.2
ILAR		pmax	pmax	
TKM2	comp=Z,5.0nm,0.7s	P	P	15 15 38.4 -0.1
TKM2	<b>Tokmak 2</b>	50.32 299	eP	15 15 38.4 -0.1
TKM2	comp=Z,12nm,0.9s,mb4.9	eP	P	15 15 38.4 -0.2
TKM2	<b>Tokmak 2</b>	50.32 299	eP	15 15 38.4 -0.2
TKM2		pmax	pmax	
MENTA	comp=Z,12nm,0.9s,mb4.9	P	P	15 15 43.6 +0.9
AAK	<b>Mentasta</b>	50.92 35	eP	15 38 48.6
AAK	<b>Ala-Archa</b>	51.18 299	LR	15 15 44.8 -0.3
AAK	comp=Z,737nm,19.0s,MS4.7,baz=349,slo=38	P	P	15 15 44.8 -0.3
AAK	<b>Ala-Archa</b>	51.18 299	eP	15 15 44.8 -0.3
AAK	comp=Z,6.4nm,1.0s,mb4.8	eP	P	15 15 44.0 -1.0
AAK	<b>Ala-Archa</b>	51.18 299	eP	15 15 44.0 -1.0
AAK		pmax	pmax	
BRVK	comp=Z,2.0nm,1.0s,mb4.0	P	P	15 15 45.6 0.0
BRVK	<b>Borovyoye</b>	51.29 313	eP	15 15 45.6 0.0
BRVK	comp=Z,4.4nm,0.8s,mb4.4	eP	P	15 15 45.6 0.0
BRVK	<b>Borovyoye</b>	51.29 313	eP	15 15 45.6 0.0
BRVK		pmax	pmax	
UCH	comp=Z,4.0nm,0.8s,mb4.4	P	P	15 15 45.8 0.0
UCH	<b>Uchtor</b>	51.29 298	eP	15 15 51.3 +0.9
AML	comp=Z,4.5nm,0.9s,mb4.4	eP	P	15 15 51.3 +0.9
AML	<b>Almayashu</b>	51.90 298	eP	15 15 51.3 +0.9
KKAR	comp=Z,23nm,1.0s,mb5.1	eP	P	15 16 04.3 -0.3
KKAR	<b>Karatay Array</b>	53.81 301	eP	15 16 04.3 -0.3
KKAR	comp=Z,16nm,1.2s,mb4.8	eP	P	15 16 04.3 -0.2
KKAR	<b>Karatay Array</b>	53.81 301	eP	15 16 04.3 -0.2
KKAR		pmax	pmax	
INK	comp=Z,16nm,1.2s,mb4.8	eP	P	15 16 08.9 +0.8
INK	<b>Inuvik</b>	54.36 27	eP	15 16 08.9 +0.8
INK	comp=Z,2.1nm,0.6s,mb4.2,baz=292,slo=11,SNR=6.1	P	P	15 16 18.6 +0.2
INK	<b>Inuvik</b>	54.36 27	eP	15 16 18.6 +0.2
INK		pP	pP	15 16 18.6 +0.2
INK	comp=Z,8.7nm,0.8s,mb4.7	pP	pP	15 16 18.6 +0.2
INK	<b>Inuvik</b>	54.36 27	eP	15 16 18.6 +0.2
INK		*PP	pP	15 16 18.6 +0.1
INK		pmax	pmax	
SVE	comp=Z,9.0nm,0.8s	P	P	15 16 19.6 +1.1
SVE	<b>Sverdlovsk</b>	55.78 319	eP	15 16 19.6 +1.1

SVE		e	P	15 18 18.3
SVE		ePPP	P	15 19 33.2
SVE		eSSS	P	15 22 55.3
SVE		pmax	pmax	
SVE	comp=Z,25nm,1.2s,mb5.1	MLR	MLR	
FITZ	comp=Z,534nm,18.0s,MS4.7	P	P	15 16 26.0 +0.2
FITZ	<b>Fitzroy Crossi</b>	56.74 199	P	15 16 26.0 +0.2
FITZ	comp=Z,2.0nm,0.8s,mb4.2,baz=46,slo=5.6,SNR=10.0	P	P	15 16 35.5 -0.7
FITZ		pP	pP	15 16 35.5 -0.7
WRA	comp=Z,3.0nm,0.7s,baz=18,slo=9.6,SNR=4.4	P	P	15 16 25.7 -0.9
WRA	<b>Warramunga Arr</b>	56.86 189	P	15 16 25.7 -0.9
WRA	comp=Z,3.2nm,0.8s,mb4.4,baz=7.7,slo=7.6,SNR=18	P	P	15 16 35.8 -1.2
WRA		pP	pP	15 16 35.8 -1.2
WRA	comp=Z,3.6nm,0.6s,baz=6.9,slo=7.3,SNR=14	P	P	15 16 25.7 -0.9
WRA	<b>Warramunga Arr</b>	56.86 189	P	15 16 25.7 -0.9
WRA		*PP	pP	15 16 35.8 -1.2
WRA		pmax	pmax	
SOKR	comp=Z,3.0nm,0.8s	P	P	15 16 27.7 +0.9
SOKR	<b>Solikamsk</b>	56.95 323	dP	15 16 27.7 +0.9
SOKR		pmax	pmax	
ARU	comp=Z,10.0nm,0.8s,mb4.9	eP	P	15 16 26.1 -1.0
ARU	<b>Arti</b>	56.99 319	eP	15 16 26.1 -1.0
ARU	comp=Z,19nm,1.0s,mb5.1	eP	P	15 16 37.6 0.0
ARU		pP	pP	15 16 37.6 0.0
ARU	<b>Arti</b>	56.99 319	eP	15 16 27.5 -1.5
ARU		pP	pP	15 17 20.5
ARU		S	S	15 18 28.2
ARU		pmax	pmax	15 24 10.7 -8.2
ARU	comp=Z,25nm,1.2s,mb5.1	S	S	
KBL	<b>Kabul</b>	58.11 291	eP	15 16 34.8 -0.6
KBL	comp=Z,10nm,0.2s,mb5.5	eP	P	15 16 34.8 -0.6
KBL	<b>Kabul</b>	58.11 291	eP	15 16 34.8 -0.6
KBL		pmax	pmax	
DLBC	comp=Z,10.0nm,0.2s,mb5.5	P	P	15 16 38.4 +1.1
DLBC	<b>Dease Lake</b>	58.47 38	eP	15 16 38.4 +1.1
DLBC		eP	P	15 16 38.4 -0.2
DLBC	<b>Abkar</b>	58.47 38	eP	15 16 38.4 -0.2
DLBC	comp=Z,2.4nm,0.5s,mb4.5	eP	P	15 16 38.4 -0.2
ASAR	comp=Z,2.1nm,0.8s,mb4.3,baz=11,slo=6.8,SNR=21	P	P	15 16 15.7 -0.7
ASAR	<b>Alice Springs</b>	60.59 189	P	15 16 15.7 -0.7
ASAR		pP	pP	15 17 01.4 -1.5
ASAR	comp=Z,4.1nm,0.9s,baz=7.4,slo=6.1,SNR=14	P	P	15 16 15.7 -0.7
ASAR	<b>Alice Springs</b>	60.59 189	P	15 16 15.7 -0.7
ASAR		*PP	pP	15 17 01.4 -1.5
ASAR		pmax	pmax	
MBWA	comp=Z,2.0nm,0.8s	eP	P	15 16 56.7 -1.1
MBWA	<b>Marble Bar</b>	61.37 204	eP	15 16 56.7 -1.1
MBWA		eP	P	15 17 07.5 -0.8
RES	comp=Z,9.1nm,19.2s,MS4.0,baz=32,slo=40	LR	LR	15 48 16.5
DZM	<b>Monte Dzumac</b>	62.81 155	eLR	15 35 17.8
PALK	comp=Z,272nm,22.0s	P	P	15 17 11.2 +2.7
PALK	<b>Pallekele</b>	62.92 258	iP	15 17 11.2 +2.7
KLMR	<b>Klimovskoe</b>	64.34 328	eP	15 17 21.6 +4.5
KLMR		pmax	pmax	
ARCES	comp=Z,15nm,1.5s,mb4.8	P	P	15 17 17.2 -0.8
ARCES	<b>ARCCESS Array B</b>	64.49 340	P	15 17 17.2 -0.8
ARCES	comp=Z,1.7nm,0.8s,mb4.2,baz=52,slo=10,SNR=3.4	LR	LR	15 50 36.9
ARCES		LR	LR	15 50 36.9
ARCES	comp=Z,167nm,18.5s,MS4.3,baz=358,slo=41	P	P	15 17 17.2 -0.8
ARCES	<b>ARCCESS Array B</b>	64.49 340	P	15 17 17.2 -0.8
ARCES		pmax	pmax	
ARCES</				







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lefka, Alevga, Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lefkose, Erenkoy, Spitsbergen Ar, Kingsbay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Old Faithful, Indian Meadow, Lake, Madison River, etc.





s-min=14.5km az=85.0  
 ISC 25 17:46:59.1-1.5, 8.07S, 0°08'.159°10E, 0.07, h61km, 15km, n81, c099159, mb4.8/42, Bougainville - Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC
HNR	Honiara	1.59	148	Op	Pn	17 47 23.6	-1.5	
HNR		0.3s, baz=244, slow=2.2, SNR=560						
COEN	Coen	16.69	248	eP	Pn	17 50 53.3	+4.2	
CTA	Charters Tower	17.25	225	P	Pn	17 51 00.1	+4.2	
CTA	Charters Tower	17.25	225	P	Pn	17 51 01.3	+5.3	
CTA	Charters Tower	17.25	225	eP	Pn	17 51 01.1	+5.1	
ARMA	Armidale	23.31	196	eP	P	17 52 03.0	+1.1	
ARMA	Armidale	23.31	196	eP	P	17 52 03.2	+1.3	
GUMO	Guam	25.75	227	LR	LR	18 01 18.4		
KAKA	Kakadu	26.62	258	eP	P	17 52 32.4	+0.2	
WRA	Warramunga Arr	26.72	241	P	P	17 52 33.0	-0.1	
WRA		1.2nm, 0.5s, mb4.5, baz=66, slow=9.1, SNR=188						
WRA		1.2nm, 0.8s, baz=65, slow=2.3, SNR=6.3						
ASAR	Alice Springs	28.69	234	P	P	17 52 50.0	-0.6	
STKA	Stephens Creek	28.75	212	P	P	17 52 51.2	+0.2	
STKA	Stephens Creek	28.75	212	eP	P	17 52 51.2	+0.2	
STKA	Stephens Creek	28.75	212	eP	P	17 52 50.9	-0.2	
AFI	Afihamu	29.15	104	LR	LR	18 02 51.6		
FITZ	Fitzroy Crossi	34.03	250	eP	P	17 53 36.4	-1.2	
FITZ	Fitzroy Crossi	34.03	250	eP	P	17 53 36.4	-1.3	
URZ	Urewera	34.17	154	P	P	17 53 40.3	+1.7	
FORT	Forester	36.77	228	eP	P	17 54 00.8	-0.1	
RPZ	Rata Peaks	37.01	166	P	P	17 54 01.4	-1.5	
MWBA	Marble Bar	40.13	247	eP	P	17 54 27.9	-1.5	
KLBR	Kellerberrin	45.00	233	eP	P	17 55 05.8	-0.3	
NWAO	Narrows (SRO)	45.92	231	eP	P	17 55 15.9	-0.1	
MJAR	Matsushiro Arr	48.52	337	P	P	17 55 33.3	-2.9	
MJAR		2.6nm, 0.7s, mb4.4, baz=169, slow=9.9, SNR=8.3						
KSR5	Korea Array	53.86	329	P	P	17 56 16.1	0.0	
KSR5		4.6nm, 1.0s, mb4.4, baz=137, slow=8.6, SNR=7.4						
PETK	Petrolyovsk	60.95	359	P	P	17 57 05.0	-0.7	
ENH	Enshi	60.98	311	eP	P	17 57 05.2	-1.2	
CM31	Chiang Mai Arr	64.92	295	P	P	17 57 33.3	+0.9	
CMAR	Chiang Mai Arr	64.92	295	P	P	17 57 33.7	+0.9	
CHTO	Chiang Mai	65.04	295	eP	P	17 57 33.3	-0.3	
HIA	Hailar	66.66	333	eP	P	17 57 43.2	-0.2	
LZH	Lanzhou	67.96	314	eP	P	17 57 53.5	+1.6	
LZH		1.5nm, 1.1s, mb4.8						
LZH		1.5nm, 1.1s, mb4.8						
LZH		1.5nm, 1.1s, mb4.8						
ULN	Ulaanbaatar	72.12	326	eP	P	17 58 17.5	+0.4	
PKT	Gaotai	72.33	316	eP	P	17 58 19.5	+0.9	
GTA		72.33	316	eP	P	17 58 28.5	-6.7	
GTA		72.33	316	eP	P	17 58 28.5	-6.7	
SONM	Songino Array	72.37	326	P	P	17 58 19.9	+0.6	
LSA	Lhasa	75.25	303	eP	P	17 58 37.7	+1.8	
TAPN	Taplejung	77.45	301	eP	P	17 58 49.1	+0.7	
ODAN	Odare	79.59	300	eP	P	17 58 49.9	+0.7	
GUN	Gumba	79.16	300	eP	P	17 58 58.8	+0.9	
PKI	Pulchoki	79.48	300	eP	P	17 59 00.0	+0.4	
PKN	Phulchoki	79.49	300	eP	P	17 59 00.0	+0.3	
KKN	Kakani	79.64	300	eP	P	17 59 01.0	+0.5	
DMN	Dama	79.75	300	eP	P	17 59 01.8	+0.7	
GKH	Gorkha	80.25	300	eP	P	17 59 04.0	+0.2	
KOLN	Koldanda	81.08	300	eP	P	17 59 08.3	+0.1	
DANN	Dangsing	81.08	300	eP	P	17 59 08.1	-0.1	
QSPA	South Pole Qui	81.91	180	eP	P	17 59 10.9	-0.8	
ILAR	Eileisli Array	91.21	20	P	P	17 59 15.8	-1.1	
ILAR		comp=2.1, 3nm, 0.5s, mb4.2, baz=248, slow=5.0, SNR=16						
VIB	Van Inlet	83.80	34	T	T	19 31 28.2		
DWB	Davis Inlet	83.82	34	T	T	19 31 42.5		
EGAK	Eagle	84.96	22	eP	P	17 59 27.1	-0.4	
MAW	Mawson	84.7	202	P	P	17 59 26.5	-1.0	
MK31	Makanchi Array	86.91	318	eP	P	17 59 37.0	-0.6	
MKAR	Makanchi Array	86.91	318	eP	P	17 59 37.1	-0.4	
ZALV	Zalesov Beam	87.36	325	eP	P	17 59 37.6	-1.8	
NVAR	Mina Array Bea	89.20	51	P	P	17 59 49.2	+0.7	
NVAR	Mina Array Bea	89.20	51	P	P	17 59 49.2	+0.7	
BMU	Blue Mountains	91.11	45	eP	P	17 59 57.0	-0.3	
CCUT	Cedar City	92.91	53	eP	P	18 00 06.8	+1.0	
BGU	Big Grassy Mou	93.62	49	P	P	18 00 09.5	+0.5	
YKA	Yellowknife Arr	95.38	28	P	P	18 00 15.5	-1.0	
YKA		comp=2.3, 6nm, 0.6s, mb5.0, baz=263, slow=4.9, SNR=7.0						
PDAR	Pinedale Arr	96.48	48	P	P	18 00 21.4	-0.2	
ARCES	ARCCESS Array B	111.76	344	PKIKP	PKIKP	18 05 26.9	+0.4	
AKASG	Main Array B	120.76	325	PKIKP	PKIKP	18 05 42.8	-1.6	
BRTR	Keskin Array B	122.13	312	PKP	PKP	18 05 46.6	-0.8	
LPZA	La Paz	127.36	117	PKP	PKP	18 05 58.5	+0.5	
BRG	Bergjesshubel	128.52	332	eP	PKP	18 05 59.7	+0.5	
GERES	GERESS Array B	130.03	331	PKP	PKP	18 06 01.5	-0.7	
SDV	Santo Domingo	130.83	85	eP	PKP	18 06 04.1	-0.6	
PBRG	Bragancia	144.14	342	eP	PKIKP	18 06 32.4	+0.5	
BDFB	Brasilia	144.27	131	PKP	PKP	18 06 26.4	-2.9	
ESDC	Somsecra Array	145.06	337	PKP	PKP	18 06 29.1	-0.4	
PVIS	Viseu	145.49	342	eP	PKIKP	18 06 31.8	-2.9	
MTE	Manteigas	145.67	342	eP	PKIKP	18 06 32.6	-2.5	
PCBR	Castelo Branco	146.16	341	eP	PKIKP	18 06 33.4	-2.7	
PMRV	Mary?to	146.51	341	eP	PKIKP	18 06 33.5	-3.4	
PTOM	Tomar	146.84	342	eP	PKIKP	18 06 34.2	-2.2	
PMTG	Montargil	147.10	342	eP	PKIKP	18 06 35.5	-2.6	
EVO	Evora	147.52	341	eP	PKIKP	18 06 36.8	-2.2	
PCVE	Castro Verde	148.35	340	eP	PKIKP	18 06 39.7	-1.0	
TAM	Tamransart	150.70	303	eP	PKP	18 06 46.2	+0.8	

ISCJTB 25 17:54:46.6-1.0, 2.4:33S, 0°05:67.0W, 0.1, h167km, 11km, mb3.4/4, Error ellipse: s-maj=18.2km s-min=8.2km az=176.7  
 IDC 25 17:54:47.4-1.7, 2.4:27S:67.0W, h155km, 15km, mb3.3/4, mb1 3.7/7, mb1mx3.6/16, mbtm3.4/7, Error ellipse: s-maj=20.5km s-min=13.1km az=84.0  
 NEIC 25 17:54:48.3-0.9, 2.4:28S:66.8W, h166km, 10km, mb4.2/2, Error ellipse: s-maj=14.7km s-min=11.4km az=78.0  
 ISC 25 17:54:47.3-0.9, 2.4:32S:0.05:67.0W, 0.1, h155km, 10km, m23, c1912/18, mb3.4/4, Salta Province

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC																																																																																											
CFAA	Coronel Fontan	7.34	188	P	P	17 56 33.6	+1.7																																																																																												
CFAA		0.2nm, 0.3s, baz=8.8, slow=13, SNR=7.9																																																																																																	
LPZA	La Paz	8.06	352	P	Pn	17 56 42.9	+1.3																																																																																												
LPZA		2.1nm, 0.3s, baz=154, slow=9.2, SNR=43																																																																																																	
CPUP	Villa Florida	8.96	105	P	P	17 56 55.5	+2.1																																																																																												
CPUP		0.3nm, 0.3s, baz=270, slow=12, SNR=5.7																																																																																																	
TRQA	Torqu coast	14.34	164	eP	Pn	17 57 08.7	+4.6																																																																																												
BDFB	Brasilia	19.79	68	P	P	17 59 05.9	+0.1																																																																																												
VNA3	Neumayer Olymp	56.84	161	eP	P	18 04 14.1	-1.1																																																																																												
VNA1	Neumayer-Stat	57.04	160	eP	P	18 04 16.2	-0.4																																																																																												
VNA2	Neumayer-Watz	57.41	160	eP	P	18 04 18.0	-1.2																																																																																												
TXAR	Lafajia Array	63.95	325	P	P	18 05 03.4	-0.5																																																																																												
TORD	Tordi Arr. Bea	76.67	69	P	P	18 06 21.2	-0.4																																																																																												
TORD	Tordi Arr. Bea	76.67	69	P	P	18 06 21.2	-0.4																																																																																												
PDAR	Pinedale Arr	77.43	329	P	P	18 06 25.6	+0.4																																																																																												
NVAR	Mina Array Bea	78.80	321	P	P	18 06 33.9	+1.1																																																																																												
MAW	Mawson	81.13	163	P	P	18 06 46.2	+1.3																																																																																												
ASAR	Alice Springs	128.17	205	PKP	PKP	18 13 35.7	-0.1																																																																																												
WRA	Warramunga Arr	131.35	207	PKP	PKP	18 13 41.9	0.0																																																																																												
ZALV	Zalesov Beam	143.67	28	PKP	PKP	18 14 01.0	-2.3																																																																																												
ZALV		1.5nm, 0.5s, baz=299, slow=5.0, SNR=9.3																																																																																																	
MKAR	Makanchi Array	146.76	28	PKP	PKP	18 14 09.8	-1.1																																																																																												
MKAR		1.5nm, 0.5s, baz=299, slow=5.0, SNR=9.3																																																																																																	
MKAR	Makanchi Array	146.76	28	PKP	PKP	18 14 09.8	-1.1																																																																																												
SONM	Songino Array	155.95	11	PKP	PKP	18 14 50.6	+0.1																																																																																												
ISCJTB 25 17:59:21.5-0.9, 38.84N, 0°04:26.1E, 0.1, h4km, 9km, Error ellipse: s-maj=13.4km s-min=6.3km az=168.2 ATH 25 17:59:21.3, 38.85N:26.06E, h20km, 12km, MD3.0/4 CSEM 25 17:59:21.9-0.2, 38.85N:26.10E, h2km, ML2.6/3, Error ellipse: s-maj=8.4km s-min=3.7km az=78.0 THE 25 17:59:22.5, 38.91N:26.08E, h0km, 3km, ML2.6/3, Error ellipse: s-maj=3.4km s-min=1.1km az=101.0 ISC 25 17:59:21.9-0.9, 38.84N, 0°04:26.1E, 0.1, h7km, 8km, n16, c062/25, Aegean Sea <table border="1"> <thead> <tr> <th>Code</th> <th>Station Name</th> <th>Δ°</th> <th>AZ°</th> <th>Phase ID</th> <th>ISC</th> <th>Time Res</th> <th>h m s</th> <th>ISC</th> </tr> </thead> <tbody> <tr> <td>SIGR</td> <td>SIGRI</td> <td>0.41</td> <td>335</td> <td>P</td> <td>Pg</td> <td>17 59 29.8</td> <td>0.0</td> <td></td> </tr> <tr> <td>SIGR</td> <td></td> <td>0.41</td> <td>335</td> <td>P</td> <td>Sg</td> <td>17 59 34.8</td> <td>-0.3</td> <td></td> </tr> <tr> <td>SIGR</td> <td></td> <td>0.41</td> <td>335</td> <td>P</td> <td>Sg</td> <td>17 59 29.8</td> <td>0.0</td> <td></td> </tr> <tr> <td>PRK</td> <td>Paraskevi</td> <td>0.43</td> <td>21</td> <td>eP</td> <td>Sg</td> <td>17 59 34.8</td> <td>-0.3</td> <td></td> </tr> <tr> <td>PRK</td> <td>Paraskevi</td> <td>0.43</td> <td>21</td> <td>eP</td> <td>Sg</td> <td>17 59 36.0</td> <td>+0.1</td> <td></td> </tr> <tr> <td>PRK</td> <td>Paraskevi</td> <td>0.43</td> <td>21</td> <td>eP</td> <td>Sg</td> <td>17 59 29.9</td> <td>-0.3</td> <td></td> </tr> <tr> <td>PRK</td> <td>Paraskevi</td> <td>0.43</td> <td>21</td> <td>eP</td> <td>Sg</td> <td>17 59 35.6</td> <td>-0.3</td> <td></td> </tr> <tr> <td>PRK</td> <td>Paraskevi</td> <td>0.43</td> <td>21</td> <td>eP</td> <td>Sg</td> <td>17 59 35.6</td> <td>-0.3</td> <td></td> </tr> <tr> <td>CHOS</td> <td>Chios island</td> <td>0.46</td> <td>182</td> <td>eP</td> <td>Pg</td> <td>17 59 31.5</td> <td>+0.8</td> <td></td> </tr> <tr> <td>CHOS</td> <td>Chios island</td> <td>0.46</td> <td>182</td> <td>eP</td> <td>Pg</td> <td>17 59 31.5</td> <td>+0.8</td> <td></td> </tr></tbody></table>	Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC	SIGR	SIGRI	0.41	335	P	Pg	17 59 29.8	0.0		SIGR		0.41	335	P	Sg	17 59 34.8	-0.3		SIGR		0.41	335	P	Sg	17 59 29.8	0.0		PRK	Paraskevi	0.43	21	eP	Sg	17 59 34.8	-0.3		PRK	Paraskevi	0.43	21	eP	Sg	17 59 36.0	+0.1		PRK	Paraskevi	0.43	21	eP	Sg	17 59 29.9	-0.3		PRK	Paraskevi	0.43	21	eP	Sg	17 59 35.6	-0.3		PRK	Paraskevi	0.43	21	eP	Sg	17 59 35.6	-0.3		CHOS	Chios island	0.46	182	eP	Pg	17 59 31.5	+0.8		CHOS	Chios island	0.46	182	eP	Pg	17 59 31.5	+0.8	
Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC																																																																																											
SIGR	SIGRI	0.41	335	P	Pg	17 59 29.8	0.0																																																																																												
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PRK	Paraskevi	0.43	21	eP	Sg	17 59 34.8	-0.3																																																																																												
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CHOS	Chios island	0.46	182	eP	Pg	17 59 31.5	+0.8																																																																																												

25d 19h

Table with columns: Code, Station Name, Az, E, P, Res. Includes stations like Victor, Moffitt Pass, Sweetwater, Larsen Ranch, etc.

ISC/JB 25 18:31:49.5,0.3,38.19N,0.01,22:56E,0.02,h9km,2km, mb3.7/10,MS3.2/2,Error ellipse: s-maj=2.6km s-min=2.0km az=38.3

ATH 25 18:31:49.5,38.17N,22:54E,h20km,1km,ML4.0 CSEM 25 18:31:49.7,0.1,38.19N,22:57E,h10km,ML3.6/6,MS2.6

THE 25 18:31:50.2,38.19N,22:55E,h5km,1km,ML3.6/6,Error ellipse: s-maj=1.3km s-min=0.6km az=62.0

NEIC 25 18:31:50.4,38.19N,22:55E,h5km,mb3.7/8,ML3.9(ATH), After ATH.

IDC 25 18:31:52.5,38.35N,22:40E,h33km,45km,mb3.5/11, mb1.3/7.13,mb1mx3.6/28,mbtmp3.6/13,ML3.2/2,MS3.2/2, Ms1.3/1.2,ms1mx2.3/43,Error ellipse: s-maj=2.1km s-min=16.5km az=164.0

Main table for 25d 19h section, listing station codes, names, and various parameters.

2008 SEP

Main table for 2008 SEP section, listing station codes, names, and various parameters.

1070

Main table for 1070 section, listing station codes, names, and various parameters.



Table with 5 columns: Station Name, Frequency, Power, and other parameters. Includes stations like NVAR, LPZA, and LPZA.

NIED 25 19:05:00, 32.20N, 131.10E, h107km, Mw4.3 Best double couple: Mo3.00000, 1015 NP1.0, 13.00000, d72.00000, 1.84.00000. NP2.0=212.00000, d19.00000, 1.107.00000.

ISCJB 25 19:05:19.5, 0.3, 32.15N, 0.05, 131.07E, 0.06, h119km, 2km, mb4.1/26, Error ellipse: s-maj=9.0km s-min=7.1km az=29.7.

NEIC 25 19:05:20.0, 0.3, 32.23N, 131.10E, mb4.4/9, Error ellipse: s-maj=8.0km s-min=7.0km az=109.8.

IDC 25 19:05:20.9, 0.7, 32.23N, 131.07E, h118km, 7km, mb3.8/16, s-maj=15.4km s-min=10.1km az=83.0.

BUI 25 19:05:20.1, 32.20N, 131.08E, h121km, mb4.6/5, mb4.1/8 JMA 25 19:05:21.2, 0.1, 32.22N, 131.07E, h109km, 1km, M3.8.

Broadband fault plane solution: P waves. NP1: o=232.00000, d22.00000, 1.130.00000. NP2: o=10.00000, d73.00000, 1.76.00000.

Principal axes: T P1g59.0000, Azm260.0000, N P1g14.0000, Azm14.0000, P1g27.0000, Azm111.0000.

JMA Felt II JMA 25 19:05:20.5, 0.3, 32.18N, 0.05, 131.06E, 0.06, h115km, 2km, h119km, 3.7km, pP-P, n67, o080/74, mb4.1/26, 2C-2D, Kyushu

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists stations like JTZ, JTSN, JIUZ, etc.

Table with 5 columns: Station Name, Frequency, Power, and other parameters. Includes stations like TCF, MFF, LASF, etc.

ISCJB 25 19:07:34.9, 0.5, 37.16N, 0.03, 71.98E, 0.06, h139km, 7km, mb3.6/6, Error ellipse: s-maj=8.6km s-min=4.5km az=170.6.

BUI 25 19:07:34.1, 0.7, 37.47N, 71.59E, h125km, mb3.7/2, NEIC 25 19:07:34.0, 0.6, 37.09N, 71.84E, h112km, 2km, mb4.4/11.

Error ellipse: s-maj=8.9km s-min=5.4km az=67.0. IDC 25 19:07:37.3, 7.0, 37.28N, 71.61E, h127km, 59km, mb3.5/5, mb1.3/6.8, mb1mx3.2/5, mbtmpr3.5/8, Error ellipse: s-maj=47.0km s-min=23.9km az=173.0.

NINC 25 19:07:41.1, 4.9, 37.78N, 71.43E, h196km, 53km, mb2.8, mp3.9, Error ellipse: s-maj=47.1km s-min=26.8km az=21.0.

ISC 25 19:07:35.4, 0.5, 37.13N, 0.03, 71.94E, 0.07, h125km, 7km, n47, o116/58, mb3.7/6, 4C-5D, Afghanistan-Tajikistan border region

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists stations like CEP, KSH, THW, etc.

Table with 5 columns: Station Name, Frequency, Power, and other parameters. Includes stations like BOSA, ASAR, WRA, etc.

CMAR 0.4nm, 0.6s, mb2.2, baz=177, slow=1.7, SNR=12. ILAR 0.4nm, 0.5s, mb2.2, baz=177, slow=1.7, SNR=12.

ARCES ARCESS Array B 142.89 35 PKP 0.0nm, 0.4s, baz=227, slow=2.9, SNR=16. MKAR Makani Array B 154.44 104 PKPbc

0.4nm, 0.3s, baz=177, slow=1.5, SNR=5.1. SONM Songino Array 164.40 139 PKPab 0.5nm, 0.7s, baz=207, slow=4.5, SNR=3.5.

BUI 25 19:34:05.4, 6.3, 90N, 148.80W, h10km, mb4.8/4, mb4.8/7, Ms4.3/3, Ms7.4/1.

ISCJB 25 19:34:08.0, 0.2, 63.91N, 0.02, 148.99W, 0.05, h10km, mb4.2/30, MS3.3/3, Error ellipse: s-maj=3.4km s-min=2.9km az=26.4.

NEIC 25 19:34:09.4, 63.86N, 148.81W, h10km, mb4.4/10, ML4.4(PMR), ML4.1(AEIC), MW4.0(SLM), After AEIC. NEIC Felt (V) at Denali National Park and (I) at Fairbanks and Healy. Felt at Cantwell, Nenana and North Pole.

IDC 25 19:34:11.2, 2.7, 64.14N, 148.93W, h19km, 17km, mb4.1/17, mb1.4/2.21, mb1mx1.1/3.0, mbtmpr4.0/2.1, ML3.7/4, MS3.0/5, Ms1.3/0.5, ms1mx2.6/4.4, Error ellipse: s-maj=12.2km s-min=10.7km az=81.0.

ISC 25 19:34:10.1, 0.2, 63.96N, 0.02, 149.04W, 0.05, h10km, n152, o142/147, mb4.2/30, MS3.3/3, 38C-34D, Central Alaska

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists stations like MCK, RND, TRF, etc.





Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TWF1, YULB, CHYK, etc.

IDC 25 21:32:51.2+1.2, 8.0, 66'N, 83.07'E, h0km, mb3.4/5, mb1 4.1/8, mb1mx3.9/25, mbtmp3.8/6, ML3.5/1, Error ellipse: s-maj=91.5km s-min=24.7km az=76.0

NEIC 25 21:32:52.5-0.4, 30.69'N, 83.11'E, h10km, mb3.3/3, Error ellipse: s-maj=10.1km s-min=4.9km az=42.0

ISC 25 21:32:51.9-3.5, 30.65'N, 093.08'E, h6km, 22km, n18, 0555/20, mb3.6, Xizang

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

IDC 25 21:38:14.1+1.9, 17.78'N, 106.10'W, h0km, mb3.7/5, mb1 4.1/8, mb1mx3.9/25, mbtmp3.8/8, ML3.4/3, MS3.6/18, Ms1 3.6/18, ms1mx3.5/40, Error ellipse: s-maj=57.7km s-min=23.6km az=53.0

MEX 25 21:38:17.8+1.0, 18.91'N, 106.27'W, h12km, 125km, MD4.4 NEIC 25 21:38:17.8, 18.91'N, 106.27'W, h12km, mb4.1/7, MD4.4(MEX), After MEX.

ISC/JB 25 21:38:18.5+1.0, 18.93'N, 106.10'W, h0km, h50km, mb3.9/4, MS3.6/16, Error ellipse: s-maj=12.9km s-min=5.3km az=23.0

ISC 25 21:38:18.9+1.0, 18.83'N, 106.10'W, h0km, h50km, n108, 01930/29, mb3.9/4, MS3.6/16, 28C-30D, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like R15V, EZSV, ANIG, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like 324A, 326A, 320A, etc.

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

DJA 25 21:45:31, 1'24S, 99.74E, h9km, MLV3.5/5, Southern Sumatera

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

ISC/JB 25 21:50:46.2-0.5, 50.06'N, 0.04-19.12E, 0.03, h0km, Error ellipse: s-maj=5.8km s-min=2.8km az=9.4

IPEC 25 21:50:46.6-0.1, 50.06'N, 19.15E, h4km, 1km, ML1.5/3, Error ellipse: s-maj=1.6km s-min=0.7km az=161.0

CSEM 25 21:50:46.3-0.2, 50.17'N, 19.04E, h2km, ML2.5/5, Error ellipse: s-maj=6.2km s-min=3.0km az=5.0

WAR 25 21:50:46.6, 50.08'N, 19.16E PRU 25 21:50:47.3, 50.13'N, 19.01E, h0km ISC 25 21:50:46.9-0.5, 50.07'N, 0.04-19.10E, 0.03, h0km, n18, 082/45, Poland

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like OJC, Y24, Y20A, etc.

KRSC 25 22:59:21.2+1.3, 51'28N, 157.59E, h116km, 116km, ML3.8, Near east coast of Kamchatka Peninsula

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

ISC/JB 25 23:02:38.7-0.5, 24.81'N, 0.03-122.10E, 0.03, h5km, 5km, Error ellipse: s-maj=4.8km s-min=3.8km az=158.9

JMA 25 23:02:38.3-0.1, 25.04'N, 122.09E, h20km TAP 25 23:02:39.0, 24.82'N, 122.03E, h9km, 1km, ML2.9, D ISC 25 23:02:39.1-0.5, 24.81'N, 0.03-122.09E, 0.03, h7km, 5km, n23, 0493/37, 2D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TWB1, TWB2, TWC, etc.

Table with columns: ENTT, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Chenhua, Kuanqinshan, Sanguang, Chiawan, etc.

ISC/JB 25 23:13:27.4±2.5, 11.3S:0.1x164.58E±0.09, h41km, mb3.21km, mb4.0/12, MS3.4/4, Error ellipse: s-maj=17.5km s-min=14.3km az=22.7, 11.22S:164.68E, h39km, mb3.8/6, mb1.4/1.8, mb1mx3.9/19, mbtmp4.0/8, ML4.5/1, MS3.4/5, MS1.3/4.5, ms1mx3.1/27, Error ellipse: s-maj=52.5km s-min=27.8km az=129.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Honiara, Charters Tower, Afi, URZ, STKA, WBA, WRA, GUMO, ASAR, FITZ, MBWA, KKM, PETK, KULM, BJT, SONM, QSPA, DIB, ILAR, NVAR, MKAR.

IDC 25 23:25:23.5±1.6, 6.70S:122.59E, h0km, mb3.5/2, mb1.3/7.5, mb1mx3.5/10, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=61.4km s-min=20.8km az=52.0, Flores Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KAPI, FITZ, WRA, ASAR, SONM.

MOS 25 23:50:33.7±1.4, 55.18N:111.85E, h7km, mb4.2/1, Error ellipse: s-maj=23.9km s-min=11.1km az=82.2

BYKL 25 23:50:25.4±0.2, 54.94N:113.04E, 9C-4D, East of Lake Baykal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Uait, Ulyunkhan, YLYR, SVKR.

Table with columns: YOA, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Uoyan, Kumura, Nizh Angarsk, Suvo, Bodaibo, Chita, Ongureny, Chara, Tupik, Zarechye, Ulan-Yde, Tyrgan, Khapchagera, Listvyanka, Lengra, Chul'man.

WEL 26 00:07:33.2±0.6, 38.33S:175.68E, h176km, mb3.7/16, Error ellipse: s-maj=4.3km s-min=4.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Taurewa, Tukino, Wahianoa, Black Stump Fm, Moawhango, Urewera, Black Hill Sta, Arahi, McNeill Hill, Matawai, Wanganui, Pukenui, Kokohu, Kahuranaki, Takapari Road, Paritu Road, Waipukurua, Mahia Peninsula, Pawanui, Carnagh Stadio, Dannevirke, Porangahau, Matakoaka Point, Matakitaki, Birch Farm, Otaki Gorge, Holdsworth Sta, Kapiti Island, Cannon Point, D'Urville Isla, Traveller, South Korori, Tory Channel, Moikau Station, Pailiser, Tuarimara, Nelson, Tophouse, Kahutara.

NEIC 26 00:19:16.9±1.6, 16.40N:94.46W, h84km, MD3.7(MEX), After MEX

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Matias Romero, Matias Romero, Vista Hermosa, Vista Hermosa, Huajuaplan, Pinotepa, Pinotepa, Matias Romero, Huatulco, Huatulco, Comitan, Comitan, Comitan, Vista Hermosa, Huajuaplan, Pinotepa, Pinotepa.

SKO 26 00:26:52.5±4.2, 21N:19.57E, h0km, Error ellipse: s-maj=5.0km s-min=1.0km az=252.0

PDG 26 00:26:53.5±0.3, 42.16N:19.56E, h16km, MD3.0/8, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

BE0 26 00:26:54.9±0.4, 42.24N:19.65E, h10km, mb2.7/3, Error ellipse: s-maj=5.3km s-min=3.5km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PUK, Puka, Puka, Ulcinj, Ulcinj, Podgorica, Podgorica, Podgorica, Podgorica.

Table with columns: CLNS, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Arshan, Zakamensk, Mondy, Ulanbaatar, Oriik.

IDC 25 23:54:35.5±2.1, 2.01N:127.57E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.6/18, mbtmp3.6/4, Error ellipse: s-maj=119.0km s-min=25.0km az=70.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, Matkanol Array.

WEL 26 00:07:33.2±0.6, 38.33S:175.68E, h176km, mb3.7/16, Error ellipse: s-maj=4.3km s-min=4.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Taurewa, Tukino, Wahianoa, Black Stump Fm, Moawhango, Urewera, Black Hill Sta, Arahi, McNeill Hill, Matawai, Wanganui, Pukenui, Kokohu, Kahuranaki, Takapari Road, Paritu Road, Waipukurua, Mahia Peninsula, Pawanui, Carnagh Stadio, Dannevirke, Porangahau, Matakoaka Point, Matakitaki, Birch Farm, Otaki Gorge, Holdsworth Sta, Kapiti Island, Cannon Point, D'Urville Isla, Traveller, South Korori, Tory Channel, Moikau Station, Pailiser, Tuarimara, Nelson, Tophouse, Kahutara.

NEIC 26 00:19:16.9±1.6, 16.40N:94.46W, h84km, MD3.7(MEX), After MEX

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Matias Romero, Matias Romero, Vista Hermosa, Vista Hermosa, Huajuaplan, Pinotepa, Pinotepa, Matias Romero, Huatulco, Huatulco, Comitan, Comitan, Comitan, Vista Hermosa, Huajuaplan, Pinotepa, Pinotepa.

SKO 26 00:26:52.5±4.2, 21N:19.57E, h0km, Error ellipse: s-maj=5.0km s-min=1.0km az=252.0

PDG 26 00:26:53.5±0.3, 42.16N:19.56E, h16km, MD3.0/8, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

BE0 26 00:26:54.9±0.4, 42.24N:19.65E, h10km, mb2.7/3, Error ellipse: s-maj=5.3km s-min=3.5km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PUK, Puka, Puka, Ulcinj, Ulcinj, Podgorica, Podgorica, Podgorica, Podgorica.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Podgorica, Bajram Curri, Plav, Berane, Niksic, Herceg Novi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SOKA, VOY, Vojsko, OBIR, Obir, Piszkesteto, Arzberg, Bratislava, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IMYA, Miami, ISRO, Mashad, ISRO, Mashad, IMEH, Mehtriz, etc.









Table with columns: Code, Station Name, Az, Phase ID, H, m, s, Res. Includes stations like ARCES Array B, CAF Calviac, etc.

ISC 26 03:39:18.2.0.9, 17.77N:106.11W, h0km, mb3.96, mb1 4.2/11, mb1mx4.126, mbmp4.0/11, ML3.7/5, MS4.0/23, Ms1 1.4/23, ms1mx4.0/28, Error ellipse: s-maj=33.0km s-min=16.9km az=55.0

Table with columns: Code, Station Name, Az, Phase ID, H, m, s, Res. Includes stations like R15V, MMIG Aquila, etc.

Main table with columns: Code, Station Name, Az, Phase ID, H, m, s, Res. Includes stations like MOIG Morelia, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, H, m, s, Res. Includes stations like W25A X Bar L Ranch, AMTX Amarillo, etc.

Table with columns: QID, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Q141 Sevier Lake, R11A Troy Canyon, O23A Lake Granby, etc.

Table with columns: QID, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NJ2 Nanjing, WMQ Urumqi, WMQ WMO, etc.

Table with columns: QID, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

26d 5h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ISA Isabella, MONP Monument Peak, CMB Columbia Colle, etc.

2008 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WWOR Wild Horse Val, BKNI Bangkokin, V14A Boquillas Ranc, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Y20A Horse Springs, U20A Rough Rock, I12A Atlanta, etc.



PV01	Paradox Valley	85.67	48	eP	P	06 00 31.4 -0.1
526A	Mary Lane Ranch	85.59	57	uP	pP	06 02 34.8 +0.4
TXAR	Lajitas Array	85.74	58	P	P	06 00 33.1 +1.0
TXAR	comp=Z,3.3nm,0.7s,mb4.1,baz=218,slow=6.0,SNR=50					06 02 33.4 -1.2
TXAR	comp=Z,1.1nm,0.9s,baz=240,slow=4.2,SNR=4.1					06 18 30.7 +0.1
TXAR	Lajitas Array	85.74	58	P	P	06 00 33.1 +1.0
TXAR	comp=Z,0.3nm,0.7s,baz=64,slow=2.9,SNR=3.9					06 02 33.4 -1.2
TXAR	Lajitas Array	85.74	58	P	P	06 00 33.1 +1.0
K16A	Soda Springs	85.80	43	uP	P	06 00 32.7 +0.6
ANMO	Albuquerque	85.84	51	eP	P	06 00 32.6 +0.1
ANMO	comp=Z,5.3nm,1.0s,mb4.1					06 02 36.5 +1.4
C12B	Naegeli Ranch	85.88	37	uP	pP	06 00 32.1 -0.2
L17A	Cokeleyville	85.91	44	uP	P	06 00 32.5 -0.1
MCMT	McKenzie Canyon	85.97	40	uP	P	06 00 33.5 +0.7
426A	McDonald Obser	85.97	56	uP	pP	06 02 36.1 +0.3
J16A	Bone	85.99	42	uP	pP	06 00 33.1 +0.1
H15A	Lima	86.00	41	P	P	06 00 33.4 +0.5
627A	Terlingua Ranch	86.01	58	uP	pP	06 02 36.9 +0.9
S21A	Coal Bank Pass	86.02	49	uP	P	06 00 33.1 -0.1
S21A	comp=Z,1.3nm,1.1s,mb4.5					06 02 36.8 +0.9
527A	Woodward Ranch	86.10	57	uP	P	06 00 33.8 0.0
M18A	Lyman	86.13	44	uP	P	06 00 34.0 +0.3
F14A	Wisdom	86.14	39	uP	P	06 00 33.6 0.0
Y24A	Capitan	86.18	53	uP	pP	06 02 38.0 +1.2
K17A	Gardner Place	86.19	43	P	P	06 00 34.5 +0.6
RR12	Red Ridge	86.22	42	eP	P	06 00 34.1 +0.1
RR12	Libby	86.22	36	uP	pP	06 02 37.8 +1.0
Q20A	Ridgely Place	86.23	47	uP	pP	06 02 38.5 +1.5
Q19A	Miners Draw (B	86.25	46	uP	pP	06 02 36.8 -0.2
XAN	Xi'an	86.27	307	P	P	06 00 35.0 +0.5
XAN						06 02 34.0 -3.2
XAN						06 03 27.5 -6.9
XAN						06 04 05.5 -0.8
XAN						06 10 07.8
XAN						06 10 21.8 -1.1
XAN	comp=Z,1.3nm,1.1s,mb4.5					
MSO	Missoula	86.32	38	eP	P	06 00 33.3 -1.1
BSMT	Bassoo Peak	86.35	37	eP	P	06 00 34.1 -0.4
G15A	Dillon	86.36	40	uP	P	06 00 34.8 +0.2
G15A	comp=Z,1.1nm,0.9s,mb4.5					06 02 38.1 +0.6
I16A	Newdale	86.36	42	uP	P	06 00 35.2 +0.6
E14A	Clinton	86.37	39	uP	P	06 00 34.4 -0.3
V23A	Ortiz Mt. (NFS	86.37	51	uP	P	06 00 35.9 +1.0
V23A	comp=Z,1.3nm,1.3s,mb4.4					06 02 38.5 +0.7
DLMT	Dillon	86.39	40	eP	P	06 00 34.3 -0.4
P20A	De Beque	86.40	47	uP	P	06 00 35.3 +0.3
P20A	comp=Z,2.0nm,1.3s,mb4.6					06 02 37.9 +0.1
A12A	Yaak River Ran	86.43	36	uP	P	06 00 35.0 +0.1
628A	Black Gap, Mar	86.43	58	uP	pP	06 02 37.2 -1.0
R21A	Cimarron	86.50	48	uP	P	06 00 36.1 +0.6
R21A	comp=Z,1.1nm,0.9s,mb4.5					06 02 38.5 +0.2
TPAW	Teton Pass	86.52	42	eP	P	06 00 35.1 -0.3
TPAW	comp=Z,1.3nm,1.3s,mb4.4					06 02 39.0 +0.7
REDW	Red Top Meadow	86.52	42	eP	pP	06 00 35.1 -0.3
427A	Hayter Ranch	86.54	56	uP	P	06 00 35.4 -0.4
427A	comp=Z,1.1nm,1.1s,mb4.6					06 02 38.6 -0.1
USHA	Ushuaia	86.58	147	P	P	06 00 35.8 +0.2
U23A	El Rito	86.61	50	uP	pP	06 02 40.2 +1.3
J17A	Brown Place, J	86.61	42	uP	P	06 00 36.0 +0.2
J17A	comp=Z,1.1nm,0.9s,mb4.5					06 02 39.8 +1.0
SNOW	Snow King Mount	86.63	42	eP	P	06 00 36.0 0.0
F15A	Butte	86.69	40	uP	P	06 00 36.4 +0.3
LRM	Limekin Ridge	86.71	40	uP	P	06 00 37.0 +0.7
K18A	Toltan Ranch	86.71	43	uP	P	06 00 36.6 +0.3
K18A	comp=Z,2.6nm,0.8s,mb4.9					06 02 39.6 +0.3
IMW	Indian Meadow	86.72	42	eP	P	06 00 36.3 +0.7
IMW	comp=Z,1.5nm,0.9s,mb4.6					06 02 41.0 +1.3
S22A	4UR Ranch, Cre	86.75	49	uP	P	06 00 37.2 +0.5
S22A	comp=Z,1.3nm,1.3s,mb4.4					06 02 40.6 +1.0
Y25A	Mesa, Roswell	86.75	53	uP	pP	06 02 40.9 +1.2
MOOW	Moose Ponds	86.77	42	eP	P	06 00 36.4 -0.2
G16A	Moss Hill, Em	86.81	40	uP	P	06 00 36.9 +0.2
DAWY	Dawson	86.84	16	eP	P	06 00 35.7 -0.8
QLMT	Earthquake Lak	86.86	41	eP	P	06 00 38.1 +1.2
H16A	Russell Place	86.91	41	P	P	06 00 38.2 +1.0
H16A	comp=Z,3.6nm,0.9s,mb4.0					06 02 40.8 +0.5
L19A	Farson	86.91	44	uP	P	06 00 37.3 0.0
FLWY	Flagg Ranch	86.96	42	eP	P	06 00 37.9 +0.4
I17A	Pilgrim Ck.	86.96	42	uP	P	06 00 37.9 +0.4
EGAK	Eagle	86.97	15	eP	P	06 00 35.9 -1.1
EGAK	comp=Z,2.1nm,1.1s,mb4.7					06 02 44.6 +4.5
J16A	Kendall Valley	86.99	43	uP	pP	06 00 38.0 +0.3
J16A	comp=Z,1.1nm,1.1s,mb4.5					06 02 41.0 +0.3
R22A	Saguache, Gunn	87.00	48	uP	P	06 00 38.0 +0.1
R22A	comp=Z,1.1nm,1.1s,mb4.5					06 02 42.2 +1.3
Z26A	Caprock	87.03	54	uP	P	06 00 37.9 -0.2
Z26A	comp=Z,1.1nm,1.1s,mb4.5					06 02 41.9 +0.7
V24A	Rampart Ranch	87.04	51	uP	pP	06 02 42.7 +1.5

P21A	Newcastle	87.07	47	uP	pP	06 02 41.5 +0.3
YMR	Madison River	87.07	41	eP	P	06 00 38.5 +0.5
N20A	Spence Gulch	87.08	46	uP	P	06 02 41.8 +0.6
BW06	Boulder Array	87.08	43	uP	P	06 00 38.1 0.0
BW06	comp=Z,1.1nm,0.9s,mb4.5					06 02 41.7 +0.5
PDAR	Pinedale Array	87.09	43	P	P	06 00 37.6 -0.5
PDAR	comp=Z,4.1nm,0.6s,mb4.2,baz=220,slow=3.1,SNR=43					06 02 42.1 +0.9
PDAR	comp=Z,1.3nm,0.8s,baz=242,slow=3.2,SNR=6.6					06 18 24.9 -3.1
BOZ	Bozeman (W)	87.12	40	uP	P	06 00 38.5 +0.2
Q22A	Crested Butte	87.16	48	uP	pP	06 02 42.1 +0.4
COLD	Goldfoot	87.18	42	eP	P	06 00 37.2 -0.8
H17A	Grant Valley	87.19	42	uP	P	06 00 40.0 +1.4
F16A	Kennard Place	87.19	40	P	P	06 00 39.0 +0.5
HHC	Hu-ho-hao-te	87.25	314	eP	pP	06 00 40.0 +1.1
HHC						06 02 38.8 -3.2
HHC						06 03 32.8 -6.3
HHC						06 04 15.5 +1.6
HHC						06 10 14.8
HHC						06 14 02.5 -8.7
HHC						06 16 34.0 +0.2
HHC	comp=Z,3.3nm,1.1s,mb4.9					
SMCO	Snowmass	87.25	47	eP	P	06 00 39.2 +0.2
SMCO	comp=Z,2.1nm,0.6s,mb4.7					06 02 44.3 +2.1
D15A	Lincoln	87.27	39	P	P	06 00 38.7 -0.2
WALA	Waterton Lakes	87.47	36	eP	P	06 00 39.1 -0.6
B14A	Marquette Ranch	87.48	37	uP	P	06 00 39.4 -0.4
L20A	Wamsutter	87.55	44	uP	P	06 00 40.5 +0.2
V25A	Rancho No Teng	87.57	51	uP	pP	06 02 44.3 +0.5
K19A	Absolon Red Bu	87.58	44	uP	P	06 00 40.0 -0.4
J19A	Crownheart	87.64	43	uP	P	06 00 40.8 +0.1
A14A	Double T Ranch	87.70	37	P	P	06 00 40.0 +0.0
K20A	Yellowstone Pa	87.84	44	uP	P	06 00 41.3 -0.3
F17A	Fitzpatrick Pl	87.84	40	uP	P	06 00 41.5 -0.1
KMI	Kumming	87.88	297	P	pmax	06 00 43.5 +1.2
KMI	comp=Z,2.2nm,1.3s,mb4.7					
Y27A	Causesy	87.90	54	uP	P	06 00 41.9 -0.2
O22A	Kremmling	87.97	47	uP	P	06 00 42.7 +0.4
I19A	Mietetsee	88.03	42	uP	P	06 00 42.6 +0.1
M21A	Separation Pea	88.03	45	uP	P	06 00 42.5 0.0
C16A	Fuhrer Ranch	88.10	38	P	P	06 00 42.4 -0.3
A15A	Johnson Ranch	88.10	37	uP	P	06 00 42.2 -0.5
P23A	Jefferson	88.13	48	uP	pP	06 02 47.1 +0.6
N22A	Wattenberg Ran	88.31	46	uP	pP	06 00 44.4 +0.6
N22A	comp=Z,2.0nm,0.8s,baz=38,slow=1.4,SNR=45					06 02 47.8 +0.5
J20A	Shoshoni	88.31	43	uP	P	06 00 44.3 +0.5
J20A	comp=Z,1.1nm,0.9s,mb4.5					06 02 48.2 +0.8
H19A	Powell	88.32	42	uP	P	06 00 44.6 +0.8
RLMT	Red Lodge	88.35	41	uP	P	06 00 44.6 +0.7
RLMT	comp=Z,2.0nm,0.8s,baz=38,slow=1.4,SNR=45					06 02 48.9 +1.4
D17A	Six Diamond Ra	88.42	39	uP	P	06 00 44.4 +0.2
F18A	Big Timber	88.43	41	uP	P	06 00 44.6 +0.3
I20A	Worldan	88.55	43	uP	P	06 00 45.1 +0.2
K21A	Alcova	88.55	44	P	P	06 00 44.8 -0.1
C17A	Wharram Farm	88.60	39	P	P	06 00 45.1 0.0
N23A	Red Feather La	88.69	46	uP	P	06 00 45.6 -0.1
J21A	Lysite	88.73	44	uP	P	06 00 45.8 0.0
A16A	West Butte Ran	88.74	37	P	P	06 00 45.3 -0.4
L22A	Ellis Ranch, M	88.84	45	uP	P	06 00 46.7 +0.4
CMAR	Chiang Mai Arr	88.97	290	P	pmax	06 00 48.6 +1.2
I21A	El Trialls, Te	89.03	43	uP	P	06 00 47.1 0.0
CHTO	Chiang Mai	89.08	290	P	pmax	06 00 48.6 +0.6
CHTO	comp=Z,2.1nm,1.0s,mb4.6					06 00 48.5 +0.7
CD2	Chengdu	89.09	303	uP	pP	06 02 53.5 +2.0
CD2						06 04 36.5 -1.9
CD2						06 04 31.3 +2.6
CD2						06 10 23.5
E19A	Rath Farm, Rou	89.25	40	uP	P	06 00 48.4 +0.3
A17A	Triple J Farms	89.26	38	uP	P	06 00 48.0 0.0
L23A	Garrett	89.37	45	uP	P	06 00 48.7 0.0
J22A	Midwest	89.39	44	uP	P	06 00 48.8 0.0
SYO	Syowa Base	89.40	193	uP	pP	06 00 46.0 -2.5
D19A	Cripps Ranch	89.52	40	uP	P	06 00 49.5 +0.2
B18A	Beardsley Farm	89.54	38	uP	P	06 00 49.3 -0.1
C19A	Slack Wire Ran	89.67	39	uP	P	06 00 50.0 0.0
A18A	Metzger Ranch	89.74	38	uP	P	06 00 50.0 -0.3
D20A	Manuel Ranch	89.94	40	uP	P	06 00 51.8 +0.5
B19A	Brinkman Farms	90.06	39	P	P	06 00 52.1 +0.3
C20A	Veseth Ranch	90.29	39	uP	P	06 00 53.2 +0.3
A19A	Klindworth Far	90.39	38	uP	P	06 00 53.3 0.0
D21A	La Casta Ranch	90.63	40	uP	P	06 00 54.7 +0.2
D21A	comp=Z,2.1nm,1.1s,mb4.7					06 02 59.2 +0.8
SNAA	Snaae	90.80	179	P	P	06 00 54.1 -0.8
A20A	Colony Ranch	90.86	38	uP	P	06 00 55.5 0.0
C21A	Desert Coulee	90.89	40	uP	P	06 00 55.7 0.0
LZH	Lanzhou	90.89	308	eP	pP	06 00 57.0 +1.0
LZH						06 02 59.0 +1.0
LZH						06 03 58.5 +1.7

LZH	comp=Z,2.7nm,1.0s,mb5.1					pmax	pmax
LZH	comp=Z,1.6nm,0.5s					pmax	pmax
LAO	Las Array	90.94	41	eP	P	06 00 55.2 -0.7	
D22A	Cohagen	91.17	41	uP	P	06 00 57.5 +0.5	
RSSD	Black Hills	91.30	44	eP	P	06 00 56.9 -0.7	
PLCA	Paso Flores	91.36					

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Dobruška-Polom, Berggishubel, Moravský Berou, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saint Saulge, Nisiro, Avril sur Loire, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, HUIG Huatulco, ACX Acapulco, etc.

CSEM 26 06:40:06.5:0.2,36:02N:27:89E,h10km,ML3.2,Error ellipse: s-maj=5.1km s-min=0.9km az=85.0 DDA 26 06:40:08.8,36:13N:28:00E,h28km,Md3.2 ISCBJ 26 06:40:08.2:0.3,36:06N:0:03:28:00E:0:03,h83km,6km, Error ellipse: s-maj=4.8km s-min=3.6km az=146.3 HLW 26 06:40:08.0,36:06N:28:01E,h33km,39km ISK 26 06:40:09.1,36:22N:27:98E,h16km,ML2.2 ATH 26 06:40:12.4,36:16N:27:72E,h43km,5km,Md3.9/9 ISC 26 06:40:09.5:0.3,36:09N:0:02:27:98E:0:03,h74km,7km, n77,+1920/105,1D,Decadecane Islands

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, KARP Karpathos, FETHY Fethiye, YER Yerkesik, BODT Bodrum, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRB Gharib, HFRF Wahat Farafira, HFKAT Wahat Farafira, HKAT Jabal Katrina, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVZ Karewarewa, MCHZ McNeill Hill, ODZ Otahua Downs, etc.













26d 10h

PMR	Palmer	17.30	45	ePn	Pn	10 27 40.7 -0.6
PMR	Palmer	17.30	45	eP	Pn	10 27 40.7 -0.6
PMR	comp=Z,34nm,1.4s			pmx	pmx	
TRF	Thorofore Moun	17.64	39	ePn	Pn	10 27 46.8 +1.3
BPBW	Bear Paw Mtn.	17.72	37	eP	Pn	10 27 47.0 +0.7
SML	Sawmill	17.73	45	ePn	Pn	10 27 41.1 -5.6
SML	Sawmill	17.73	45	eP	Pn	10 27 41.1 -5.5
SML	comp=Z,10.0nm,1.3s			pmx	pmx	
MCK	McKinley	18.31	39	eP	Pn	10 27 52.9 -0.7
MCK	McKinley	18.31	39	eP	Pn	10 27 52.9 -0.7
MCK	comp=Z,32nm,0.8s			pmx	pmx	
BILL	Bilibino	18.59	338	eP	Pn	10 27 58.6 +1.7
BILL	Bilibino	18.59	338	iP	Pn	10 27 58.2 +1.3
BILL	comp=Z,62nm,1.0s			pmx	pmx	
BILL	comp=Z,600nm,20.0s			MLR	MLR	
COLA	College	19.28	37	eP	Pn	10 28 02.1 -3.0
COLA	College	19.28	37	eP	Pn	10 28 02.2 -3.0
COLA	comp=Z,39nm,1.1s			pmx	pmx	
PAX	Paxson	19.41	43	ePn	Pn	10 28 05.2 -1.4
PAX	Paxson	19.41	43	eP	Pn	10 28 05.3 -1.4
PAX	comp=Z,14nm,0.8s			pmx	pmx	
ILAR	Eielson Array	19.59	38	P	Pn	10 28 04.8 -4.1
ILAR	Eielson Array	19.59	38	P	Pn	10 28 04.8 -4.1
ILAR	comp=Z,0.9nm,0.3s,baz=232,slow=8.4,SNR=52			PM	PM	
MOLD	Coldfoot	19.82	29	ePn	Pn	10 28 11.6 0.0
MOLD	Mentasta	20.14	44	eP	P	10 28 14.8 +1.8
MOLD	Dot Lake	20.24	42	eP	P	10 28 13.1 -1.0
MOLD	comp=Z,170nm,1.0s			PM	PM	
SEY	Seymchan	20.43	316	iP	P	10 28 18.2 +2.1
PNL	Pinusula	21.49	54	ePn	P	10 28 28.2 +0.7
PNL	comp=Z,29nm,0.8s,mb4.7			PM	PM	
EGAK	Eagle	21.83	40	eP	P	10 28 30.4 -0.8
EGAK	comp=Z,51nm,0.9s,mb5.0			PM	PM	
DAWY	Dawson	22.34	43	eP	P	10 28 35.3 -1.2
SKAG	Skagway	23.55	55	eP	P	10 28 48.9 +0.2
SKAG	comp=Z,11nm,0.7s,mb4.7			PM	PM	
WRAK	Wrangell Islan	25.31	62	eP	P	10 29 06.0 +1.3
WRAK	comp=Z,17nm,0.8s,mb4.6			PM	PM	
INK	Inuvik	25.89	35	eP	P	10 29 09.4 -0.5
INK	comp=Z,4.0nm,0.5s,baz=222,slow=7.1,SNR=38			PM	PM	
INK	Inuvik	25.89	35	eP	P	10 29 09.6 -0.4
INK	comp=Z,1.8nm,0.5s,baz=302,slow=0.6,SNR=5.8			PM	PM	
INK	Inuvik	25.89	35	eP	P	10 29 09.6 -0.3
INK	comp=Z,8.9nm,0.8s,mb4.3			PM	PM	
DLBC	Dease Lake	26.33	57	P	P	10 29 13.3 -0.6
DLBC	comp=Z,3.0nm,0.7s,mb3.9,baz=276,slow=6.5,SNR=8.5			LR	LR	
DLBC	comp=Z,224nm,19.1s,baz=324,slow=38			LR	LR	
DLBC	Dease Lake	26.33	57	eP	P	10 29 15.9 +2.0
YUK	Yuzh-Kuril'sk	26.88	269	eP	P	10 29 22.5 +3.5
YUK	comp=Z,160nm,21.0s			MLR	MLR	
YSS	Yuzh-Sakhalins	27.43	277	eP	P	10 29 25.1 +1.1
YSS	comp=Z,40nm,1.0s,mb4.9			PM	PM	
YSS	Yuzh-Sakhalins	27.43	277	eP	P	10 29 24.0 +0.1
BBB	Bella Bella	26.69	70	P	P	10 29 33.1 -2.0
BBB	comp=Z,6.7nm,0.8s,mb4.5,baz=99,slow=9.4,SNR=8.7			LR	LR	
BBB	LR			LR	LR	
ASAJ	Asahikawa	28.86	271	P	P	10 29 37.0 +0.2
ASAJ	comp=Z,12nm,0.8s,mb4.7,baz=42,slow=8.2,SNR=5.0			LR	LR	
ASAJ	Asahikawa	28.86	271	P	P	10 29 37.0 +0.3
ASAJ	comp=Z,89nm,19.3s,baz=352,slow=38			PM	PM	
ASAJ	Asahikawa	28.86	271	P	P	10 29 37.0 +0.3
ASAJ	comp=Z,12nm,0.8s			pmx	pmx	
ASAJ	comp=Z,89nm,19.3s			MLR	MLR	
NLWA	Neilton Lookoo	33.08	77	P	P	10 30 12.1 -1.7
NLWA	comp=Z,29nm,1.3s,mb5.0			PM	PM	
KLR	Kul'dur	33.14	287	eP	P	10 30 07.1 -7.2
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,0.5nm,0.3s,mb3.9,baz=326,slow=18,SNR=12			PM	PM	
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,1.1nm,0.4s,baz=281,slow=2.9,SNR=7.6			LR	LR	
YKA	Yellowknife Ar	33.38	47	P	P	10 30 15.0 -1.2
YKA	comp=Z,31nm,21.6s,baz=130,slow=39			PM	PM	
YKA	Yellowknife Ar	33.38				











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBMI Labuha, LUWI Luwuk, SGSI Sangihe, etc.

IDC 26 14:28:59.3, 3.0, 73N:83.49E, h0km, mb3.5/3, mb1 3.6/5, mb1mx3.4/26, mbtm3.4/5, ML3.6/2, MS3.4/2, Ms1 3.4/2, ms1mx2.7/24, Error ellipse: s-maj=94.2km s-min=25.0km az=73.0

NEIC 26 14:29:00.0, 6.0, 30.74N:83.44E, h10km, mb3.8/2, Error ellipse: s-maj=20.5km s-min=12.5km az=50.0

ISCJB 26 14:29:08.3, 0.7, 31.30N:0.08:83.86E:0.06, h33km, mb3.4/4, MS3.4/2, Error ellipse: s-maj=1.1km s-min=0.7km az=173.3

ISC 26 14:29:10.2, 0.7, 31.36N:0.08:83.82E:0.06, h35km, n15, c1528/15, mb3.4/4, MS3.4/2, Xizang

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

IDC 26 14:44:33.0, 1.8, 11.24S:164.63E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.8/18, mbtm3.9/5, ML3.9/1, Error ellipse: s-maj=48.2km s-min=28.7km az=144.0

ISCJB 26 14:44:37.7, 1.1, 11.1S:0.2:164.3E:0.2, h33km, mb3.8/6, Error ellipse: s-maj=24.3km s-min=22.1km az=155.4

NEIC 26 14:44:39.4, 0.8, 11.09S:164.40E, h35km, mb4.1/2, Error ellipse: s-maj=16.8km s-min=14.8, az=148.0

ISC 26 14:44:39.6, 1.1, 11.1S:0.2:164.4E:0.2, h35km, n8, c052/9, mb3.8/6, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, WB2 Warramunga Arr, etc.

IDC 26 14:47:17.2, 1.1, 11.17S:164.56E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/18, mbtm3.9/6, ML4.1/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/29, Error ellipse: s-maj=47.1km s-min=27.8km az=144.0

ISCJB 26 14:47:18.2, 6.9, 11.2S:0.2:164.5E:0.1, h15km, 47km, mb3.9/7, Error ellipse: s-maj=30.3km s-min=18.6km az=28.2

NEIC 26 14:47:22.9, 0.8, 11.14S:164.47E, h35km, mb4.2/2, Error ellipse: s-maj=18.5km s-min=17.3km az=159.0

ISC 26 14:47:18.2, 7.0, 11.2S:0.2:164.6E:0.1, h5km, 43km, n8, c056/9, mb3.9/7, Santa Cruz Islands region

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

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

ISCJB 26 14:59:20.4, 0.4, 0.162S:0.06:161.50E:0.07, h81km, mb4.2/22, Error ellipse: s-maj=10.7km s-min=7.9km az=151.2

NEIC 26 14:59:21.9, 0.4, 0.165S:161.49E, mb4.7/8, Error ellipse: s-maj=13.8km s-min=8.8km az=146.0

IDC 26 14:59:22.4, 0.7, 10.52S:161.53E, h84km, 5km, mb4.0/14, mb1 4.1/14, mb1mx4.1/18, mbtm4.0/14, MS2.2/2, Ms1 3.2/2, ms1mx2.7/31, Error ellipse: s-maj=15.0km s-min=10.0km az=33.0

ISC 26 14:59:22.3, 0.4, 0.165S:0.06:161.52E:0.07, h83km, h83km, 1.0km, pp-P, n8, c059/34, mb4.2/22, 2C, Bougainville - Solomon Islands region

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

ISC 26 15:05:54.0, 39.33N:37.28E, h5km, MD2.9

DDA 26 15:05:55.2, 39.34N:37.29E, h7km, 4km, MD3.0

ISCJB 26 15:05:56.9, 0.6, 39.43N:0.04:37.27E:0.05, h12km, 8km, Error ellipse: s-maj=6.6km s-min=6.4km az=135.5

CSEM 26 15:05:56.0, 0.3, 39.42N:37.28E, h10km, MD3.0, Error ellipse: s-maj=8.0km s-min=7.1km az=146.0

ISC 26 15:05:56.3, 0.6, 39.38N:0.03:37.26E:0.04, h9km, 7km, n24, c1915/40, Turkey

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

ISC 26 15:02:22.1, 0.1, 27.51N:0.02:56.70E:0.02, h23km, (h35km, 1.0km, pp-P), n1055, c1900/1067, mb5.0/246, MS4.1/48, 73C-17, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTK Pertek, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, etc.

ISCJB 26 15:17:15.9, 0.4, 34.05N:0.06:137.22E:0.08, h30km, 5km, mb3.4/12, Error ellipse: s-maj=12.0km s-min=8.5km az=147.6

JMA 26 15:17:16.2, 0.3, 33.98N:137.08E, h374km, 3km, M3.4

NEIC 26 15:17:16.8, 0.5, 33.94N:137.12E, h368km, 6km, mb3.7/4, Error ellipse: s-maj=9.7km s-min=6.8km az=168.0

IDC 26 15:17:17.1, 0.6, 34.00N:137.12E, h369km, 1km, mb3.2/8, mb1 3.3/12, mb1mx3.1/28, mbtm3.2/12, Error ellipse: s-maj=25.8km s-min=10.0km az=65.0

ISC 26 15:17:17.0, 0.4, 34.02N:0.06:137.18E:0.09, h371km, 5km, n38, c090/50, mb3.4/12, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKN2 Miekiokhu, JNY Yasuoku, JNY Shimob, etc.

TEH 26 15:52:18.2, 27.08N:56.80E, h23km

IDC 26 15:52:18.5, 0.4, 27.57N:56.69E, h0km, mb5.0/29, mb1 5.1/31, mb1mx5.0/33, mbtm5.0/31, ML3.6/2, MS4.0/23, Ms1 4.0/23, ms1mx3.9/30, Error ellipse: s-maj=12.4km s-min=10.9km az=12.0

BUI 26 15:52:19.3, 27.93N:56.34E, h24km, mb5.0/26, mb5.0/47, MS4.6/36, MS7.4/34

CSEM 26 15:52:20.4, 0.1, 27.56N:56.71E, h10km, mb5.1/99, MS4.0, Error ellipse: s-maj=3.6km s-min=3.1km az=173.0

ISCJB 26 15:52:20.4, 0.1, 27.54N:0.02:56.68E:0.02, h23km, mb5.0/246, MS4.1/48, Error ellipse: s-maj=2.9km s-min=2.2km az=12.6

NEIC 26 15:52:21.0, 27.33N:56.79E, h20km, mb5.1/148, MS4.1/7, MS4.7(7TH), MN4.9(7E), After TEH

MOS 26 15:52:22.0, 0.9, 27.61N:56.66E, h33km, mb5.2/113, MS4.0/26, Error ellipse: s-maj=5.6km s-min=3.5km az=121.9

BGS 26 15:52:23.8, 1.9, 27.48N:56.02E, h20km, 999km, mb4.8

THR 26 15:52:24.2, 20.2, 27.62N:56.43E, h31km, 1km, ML4.6

SGS 26 15:52:25.2, 27.54N:56.42E, h19km

OMAN 26 15:52:27.6, 1.2, 27.22N:56.71E, h98km, 24km, Error ellipse: s-maj=17.7km s-min=10.0km az=35.0

DJA 26 15:52:30.2, 27.69N:56.67E, h95km, mb4.7

SZGRF 26 15:52:42.3, 28.55N:54.32E, h33km, mb4.7, MS4.0, Southern Iran

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

26d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HATD, ASHO, ASUD, ASRV, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like IR3, IAFJ, IAFJ, etc.

1096

Table with columns for station name, frequency, power, and other technical details. Includes stations like UCH, GULE, AAK, etc.







26d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EMAZ, PFVI, PFVI, CN2, CN2, CN2, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PET, FITZ, FITZ, NWA0, NWA0, NWA0, etc.

1100

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, FITZ, CAS2, CAHU, MOHM, LFRS, etc.



Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like JEM Erimo, JOM Ohasata, JOT JOT, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like JOW Kunigami, HIA Haihar, HIA Haihar, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like TLY Talaya, ZAK Zakamensk, BILL Bilibino, etc.

26d 16h

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1102

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like PPLA Purkeypille, KDAC Kodiak Island, MRSI Marisa, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like INK Inuvik, PTH Pithagarah, KULM Kulim, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like TRO Tromso, TRO Tromso, TRO Tromso, etc.



Table with columns: Station ID, Name, Time, Altitude, Frequency, and other technical details. Includes stations like X14A Yava, COBT Iskenderun, T18A Mexican Hat, etc.

Table with columns: Station ID, Name, Time, Altitude, Frequency, and other technical details. Includes stations like KHC Kasperse Hory, ROTZ Rotzenmuhle, X19A St. Johns, etc.

Table with columns: Station ID, Name, Time, Altitude, Frequency, and other technical details. Includes stations like BFO Black Forest, BFO Black Forest, SPAK Spaichingen-Ko, etc.







Table with columns for station code, name, frequency, and various signal quality metrics (LR, P, S, etc.). Includes stations like CD2, GYA, MK31, and ENH.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like ENH, BBKI, ZRNC, and many others.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like MLR, Muntele Rosu, KAPPANG, and many others.







Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like HDIL, LCO, SCIA, BOZ, NHSC, DLMT, SDDR, BMO, LPAZ, LKWK, GOGA, LOHW, TPWW, HLID, REDW, RRI2, HUMO, BW06, PDAR, AHID, SDV, WVOR, OGNE, YBH, KSU1, MOD, HWUT, LARL, OXF, WDC, CBKS, ISCO, DUG, BRAL, HOPS, MIAR, MTDJ, VBMS, MCCM, SDCO, MSU, NVAR, MVU, CMB, WMOK, SAO, AMTX, NATX, DAC, ANMO, NNA, GSC, W14A, Y25A, LAZ, EDW2, X20A, Z27A.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like X18A, X15A, CPXR, Y20A, Z24A, Y19A, IRM, Z23A, Y15A, Z22A, BCIP, Y17A, Y12C, BC3, PFO, Z20A, OTAV, G2D2, G26A, JCT, JCT, JCT, JCT, JCT, 328A, SCI, 224A, 121A, 119A, GLA, GLA, 120A, 118A, 118A, 222A, 113A, 115A, 117A, 428A, 221A, 325A, 324A, 427A, TUC, TUC, TUC, 220A, 219A, 218A, 216A, 528A, 425A, 212A, 217A, TEIG, TEIG, 320A, 527A, 319A, 317A, X18A, 526A, 628A, 627A, 626A, TXAR, TXAR, JTS, TGUH, PAYG, PAYG.

Table with columns: NEIC, Code, Station Name, Frequency, Mode, and other details. Includes NEIC 26 19:08:56.2, NEIC 26 19:08:55.6, NEIC 26 19:10:01.5, and NEIC 26 19:17:27.6. Includes stations like HUIG, VHO, OXX, PINIG, PNIG, UTMO, CCIG, MMIG, SFJM, ZIIG, MOIG, ANIG, CAIG, MEIG, PLIG, ACX, MZVM, UTMO, LNIG, LPIG, LPIG, ISCJB, MDD, INMG, CSEM, ISC, PMAR, PFVI, MORF, PTEO, CFUE, PBDV.

26d 19h

Table with columns for station name, time, elevation, and other parameters. Includes stations like Barranco-do-Ve, Fuerteventura, Bajamar, Castro Verde, etc.

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Table with columns for station name, time, elevation, and other parameters. Includes stations like Plascencia, Moncorvo, Lobios, etc.

1112

Table with columns for station name, time, elevation, and other parameters. Includes stations like Lhasa, Borovoye, Chiang Mai Arr, etc.





TIF 26.20:18.02.1,42.73N,44.50E,h10km
DDA 26.20:18.04.8,42.70N,42.72E,h6km,ML3.6
ISC 26.20:18.03.1-0.7,42.51N,0.08-43.50E,0.05,h12km,7km,
n17,0574/32,Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ONI, GOR, TBLG, Delisi, Mtsaminda, David-gareji, etc.

IDC 26.20:21.40.3,4.0,5.56S,145.91E,h94km,39km,mb3.4/3,
m1 3.8/5,mb1mx3.4/16,mbtmp3.6/5, Error ellipse:
s-maj=49.0km s-min=17.1km az=113.0, Eastern New
Guinea region

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

IDC 26.20:33.17.2,1.7,2.406S,66.73W,h179km,23km,
mb1 3.2/3,mb1mx3.0/17,mbtmp3.1/3, Error ellipse:
s-maj=31.1km s-min=16.1km az=89.0, Salta Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFAA, LPAZ, CPUP, BDFB, MKAR, etc.

TRN 26.20:41.39.1,16.10N,60.04W,h53km,MD3.6,M3.3(FDF),
2C,Leeward Islands

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

DHMR 26.20:54.09.5,0.8,12.16N,40.80E,h8km,78km,ML4.3
ISCJB 26.20:54.16.7,1.2,12.3N,0.1,40.9E,0.1,h10km, Error
ellipse: s-maj=21.9km s-min=5.4km az=138.0

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

IDC 26.21:01.39.8,2.4,2.13N,126.99E,h0km,mb3.3/3,
m1 3.6/3,mb1mx3.4/17,mbtmp3.4/3, Error ellipse:
s-maj=191.6km s-min=27.3km az=66.0, Northern
Molucca Sea

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

ASAR Alice Springs 26.51 166 P P 21 07 18.9 -0.3
MKAR Makanchi Array 59.01 26 S P 21 11 41.7 +0.3

SGS 26.21:16:22.2,32'60N,49'00E,h7km
KISR 26.21:16:22.2,1,32'40N,48'84E,h34km,999km,ML2.5
CSEM 26.21:16:23.5,0.4,32'73N,48'97E,h20km,ML2.5, Error
ellipse: s-maj=18.3km s-min=8.0km az=118.0

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

IDC 26.21:16:22.8,0.9,32.71N,0.03,49.01E,0.03,h13km,7km,
n35,0582/49,Western Iran

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

IDC 26.21:24:52.3,0.8,7.21S,155.90E,h46km,7km,mb3.8/10,
mb1 4.0/11,mb1mx3.9/18,mbtmp3.8/11,ML4.1/1,MS3.4/4,
Ms1 3.4/4,ms1mx3.0/26, Error ellipse: s-maj=18.5km
s-min=14.3km az=30.0

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

ISCJB 26.21:24:56.0,1.7,7.3S,0.1,156.10E,0.0E,h105km,18km,
mb3.9/10, Error ellipse: s-maj=19.8km s-min=13.4km
az=176.6

NEIC 26.21:24:57.0,1.1,7.30S,156.15E,h101km,10km, Error
ellipse: s-maj=12.8km s-min=10.4km az=171.0

ISC 26.21:24:57.6,1.4,7.3S,0.1,156.11E,0.0E,h8km,15km,
h47km,1.9km,pp-P, n18,0571/17,mb3.9/10,Bougainville

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

IDC 26.21:52:13.1,0.9,31.89N,0.04,104.57E,0.07,h9km,7km,
mb3.5/5, Error ellipse: s-maj=11.3km s-min=5.4km
az=31.2

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

IDC 26.21:40:35.0,6.6,15.05S,167.44E,h111km,50km,
mb3.8/10,mb1 4.0/11,mb1mx3.8/19,mbtmp3.9/11,MS3.2/1,
Ms1 3.2/1,ms1mx2.4/28, Error ellipse: s-maj=44.7km
s-min=21.3km az=108.0

ISCJB 26.21:40:36.3,2.0,15.04S,0.07,167.3E,0.1,h132km,14km,
mb4.0/16, Error ellipse: s-maj=23.8km s-min=8.1km
az=159.2

NEIC 26.21:40:36.4,2.4,15.04S,167.37E,h121km,18km,mb3.4/6,
Error ellipse: s-maj=19.1km s-min=9.0km az=104.0

LDG 26.21:40:41.1,1,0.3,15.14S,167.90E,h160km, Error ellipse:
s-maj=15.9km s-min=3.1km az=97.0

ISC 26.21:40:36.8,1.8,15.00S,0.07,167.4E,0.1,h125km,12km,
n50,0574/22,mb4.1/16,Vanuatu Islands

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

ISCJB 26.21:55:16.9,1.4,30.91N,0.04,110.88E,0.04,h7km,9km,
mb4.2/25, Error ellipse: s-maj=7.1km s-min=5.3km az=5.0
IDC 26.21:55:17.7,0.7,31.04N,111.02E,h0km,mb4.1/15,

mb1 4.2/18, mb1mx4.1/27, mbtmp4.0/18, ML3.6/3, Error ellipse: s-maj=24.7km s-min=14.8km az=61.0, BUJ 26 21:55:17.6, 30.86N, 110.84E, h11km, mb4.3/1, mb4.0/4, ML4.0/16, Ms4.0/3, Ms7.3/6.2, NEIC 26 21:55:19.0, 4.0, 40.92N, 73.05E, h10km, mb4.1/5, Error ellipse: s-maj=8.4km s-min=7.4km az=149.0, ISC 26 21:55:17.9, 1.1, 30.88N, 0.03, 110.85E, 0.03, h2km, 7km, n43, r1506/55, mb4.2/25, Southeastern China

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Lists stations like Enshi, Wuhan, Guiyang, Lanzhou, etc.

DJA 26 21:55:50, 1.61N, 99.99E, h10km, MLV3.5/3, Northern Sumatera

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Lists stations like Mandailing Nat, Bangkinang, etc.

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Lists stations like Uchtor, Erkin-Say, Kashi, etc.

Main table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Lists stations like Zalesovo Array, Novosibirsk, etc.

IDC 26 22:30:38.0, 3.3, 31.51S, 177.57W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/18, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=73.7km s-min=37.5km az=114.0, Kermadec Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Lists stations like Urewera, Palmer Station, etc.

26d 22h

0.2nm,0.3s,baz=111,slow=8.1,SNR=16
FITZ Fitzroy Crossi 52.77 270 P P 22 39 55.1 +0.1
FINES FINESS Array B 146.32 340 PKPbc PKPbc 22 50 18.9 -0.9

ISCJB 26:22:40.04.2.0.3,16:17N,0:07:48:68W,0:05,h10km,
mb4.5/64,MS3.4/9,Error ellipse: s-maj=9.7km
s-min=6.2km az=7.5
IDC 26:22:40.04.0.0.5,16:14N,48:70W,h0km,mb4.2/21,
mb1.4/21,mb1mx4.3/27,mbtmp4.2/21,MS3.4/9,
Ms1.3/4.9,ms1mx3.1/30,Error ellipse: s-maj=15.6km
s-min=15.1km az=115.0
NEIC 26:22:40.05.7.2.16,16:14N,48:66W,h10km,mb4.6/43,Error
ellipse: s-maj=6.8km s-min=4.9km az=189.0
ISC 26:22:40.06.1.0.3,16:17N,0:07:48:63W,0:05,h10km,n242,
o069/234,mb4.5/64,MS3.4/9,78C-73D,North Atlantic
Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Greenville, Presa de Saban, Riachuelo, Brasilia, etc.

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Table with columns: T22A, R22A, S22A, O22A, N22A, SMCO, L22A, Z21A, 121A, V21A, X21A, U21A, R21A, B23A, P21A, FFC, M21A, Y20A, L21A, 220A, LAO, C22A, X20A, D22A, Z20A, 120A, H21A, J21A, R20A, Q20A, PV01, 219A, J20A, U19A, H20A, I20A, P19A, R19A, Q19A, G20A, F20A, 118A, 318A, I19A, T18A, J19A, D20A, I19A, R18A, S18A, H19A, B20A, BW06, PDAR, Q18A, E19A, F19A, TUC, 217A, I18A, Y17A, V17A, H18A, G18A, J18A, T17A, C19A, A19A, B18A, O17A, M17A, E18A, Q16A, Y16A, LOHW, SNOW, MOOW, R16A. Includes station names like Edith, Saguache, 4UR Ranch, etc.

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Table with columns: S16A, TPWA, IMW, O16A, F17A, L16A, HWUT, RRI2, H16A, 115A, X15A, J16A, U15A, BOZ, BOZ, F16A, M15A, L15A, E16A, J15A, K15A, DUG, PLCA, PLCA, P14A, A16A, BGU, G15A, Q14A, ARUT, D15A, Z13A, C15A, S13A, D14A, SLMT, I13A, C14A, NOA, HLID, HLID, G13A, C13A, I12A, BC3, R11A, BSMT, F12A, HFS, MFID, MPMC, F10A, NEW, NEW, NVAR, E09A, J08A, ISA, ISA, YKA, YKA, G08A, G06A, K05A, FINES, ARCES, ARCES, INK, BRTR, DAWY, MALT, ILAR, COLA, COLD, MCK, TRF, BPWA, BOSA, ARU, AKTK, AKTO, ABKAR, ABKAR, BRVK, BVAR. Includes station names like Weppner Ranch, Teton Pass, Indian Meadow, etc.



26d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, YSS, MDRS, GUN, PKI, etc.

2008 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAK, CHMS, FRU, SEY, AML, etc.

1118

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEI, ILAR, MALT, KLMR, ANN, etc.



FETA	Feichten	114.40	319	↑PKIKP	PKIKP	23 28 31.6	+0.1
W14A	Seligman	114.44	54	↑PKIKP	PKIKP	23 28 34.2	+2.2
MSU	Marysvalle	114.47	50	ePKP	PKIKP	23 28 34.2	+2.3
B20A	Solberg Farm,	114.52	39	↑PKIKP	PKIKP	23 28 32.7	+0.9
E19A	Rath Farm, Rou	114.70	41	↑PKIKP	PKIKP	23 28 32.6	+0.5
C20A	Veseth Ranch,	114.79	40	↑PKIKP	PKIKP	23 28 32.6	+0.4
U15A	North Rim	114.83	52	↑PKIKP	PKIKP	23 28 34.5	+1.8
DAVA	Damules	114.85	320	↑PKIKP	PKIKP	23 28 31.5	-0.9
K18A	Toltan Ranch,	115.01	45	↑PKIKP	PKIKP	23 28 35.0	+2.1
TMUT	Trail Mountain	115.03	49	ePKP	PKIKP	23 28 34.5	+1.5
V15A	Kaibab Natona	115.05	53	↑PKIKP	PKIKP	23 28 35.5	+2.4
R16A	Teasdale	115.06	50	↑PKIKP	PKIKP	23 28 34.4	+1.3
S16A	Wepner Ranch,	115.10	51	↑PKIKP	PKIKP	23 28 35.1	+1.9
O17A	Robinson Place	115.16	48	↑PKIKP	PKIKP	23 28 35.1	+1.9
BW06	Boulder Array	115.31	45	↑PKIKP	PKIKP	23 28 34.2	+0.8
BW06	Boulder Array	115.31	45	ePKP	PKIKP	23 28 34.3	+0.8
PDAR	Pinedale Array	115.31	45	ePKP	PKIKP	23 28 34.6	+1.2
PDAR	comp=2.0,8nm,0.8s,baz=114,slow=3.7,SNR=5.0			PKIKPbc	PKIKPbc	23 28 34.6	+1.2
G20A	Bridger	115.48	42	↑PKIKP	PKIKP	23 28 35.1	+1.4
J19A	Crowheart	115.52	44	↑PKIKP	PKIKP	23 28 34.5	+0.6
SRU	San Rafael	115.59	49	↑PKIKP	PKIKP	23 28 35.1	+1.0
SRU	San Rafael	115.59	49	ePKP	PKIKP	23 28 35.1	+1.0
R17A	Hanksville Air	115.61	50	↑PKIKP	PKIKP	23 28 35.3	+1.2
L19A	Farson	115.65	46	↑PKIKP	PKIKP	23 28 35.4	+1.3
D21A	La Casta Ranch	115.66	40	↑PKIKP	PKIKP	23 28 35.2	+1.2
P18A	Preston Nutter	115.67	49	↑PKIKP	PKIKP	23 28 35.5	+1.3
S17A	Black Ridge (B	115.73	51	↑PKIKP	PKIKP	23 28 35.5	+1.0
E21A	Keefer Ranch,	115.79	41	↑PKIKP	PKIKP	23 28 35.4	+1.2
K19A	Absolon Red Bu	115.80	45	↑PKIKP	PKIKP	23 28 35.6	+1.2
U16A	Tuba City	115.81	53	↑PKIKP	PKIKP	23 28 35.4	+0.7
B22A	Redding Ranch S	115.83	38	↑PKIKP	PKIKP	23 28 35.6	+1.4
H20A	Greybull	115.87	43	↑PKIKP	PKIKP	23 28 35.4	+0.9
T17A	Navajo Res., N	115.87	52	↑PKIKP	PKIKP	23 28 35.6	+0.9
O18A	Rafter H Ranch	115.88	49	↑PKIKP	PKIKP	23 28 35.3	+0.7
X16A	Lo Mia Camp, P	115.92	54	↑PKIKP	PKIKP	23 28 36.0	+1.1
I20A	Worland	115.95	44	↑PKIKP	PKIKP	23 28 35.6	+1.0
CDP	Champ du Feu	116.08	322	↑PKIKP	PKIKP	23 28 35.0	+0.3
CDP	Champ du Feu	116.08	322	ePKP	PKIKP	23 28 35.0	+0.3
C22A	Vida	116.11	39	↑PKIKP	PKIKP	23 28 35.9	+1.1
D22A	Cohagen	116.14	40	↑PKIKP	PKIKP	23 28 36.1	+1.2
J20A	Shoshoni	116.17	44	↑PKIKP	PKIKP	23 28 36.2	+1.1
K20A	Yellowstone Ra	116.20	45	↑PKIKP	PKIKP	23 28 36.0	+0.8
R18A	Canyonlands Na	116.24	50	↑PKIKP	PKIKP	23 28 36.2	+0.8
LAO	LASA Array	116.29	40	↑PKIKP	PKIKP	23 28 36.1	+0.9
LAO	LASA Array	116.29	40	ePKP	PKIKP	23 28 36.1	+0.9
S18A	Hurst Farm, BI	116.34	51	↑PKIKP	PKIKP	23 28 36.5	+0.9
B23A	Brocton	116.39	38	↑PKIKP	PKIKP	23 28 36.3	+1.0
L20A	Wamsutter	116.40	46	↑PKIKP	PKIKP	23 28 36.8	+1.3
C23A	Lambert	116.53	39	↑PKIKP	PKIKP	23 28 36.2	+0.6
Y17A	Roosevelt	116.55	55	↑PKIKP	PKIKP	23 28 36.6	+0.5
T18A	Mexican Hat	116.56	51	↑PKIKP	PKIKP	23 28 37.3	+1.3
A12A	Big Trails, Te	116.57	43	↑PKIKP	PKIKP	23 28 36.6	+0.7
H1NF	Hinterfeld	116.57	321	↑PKIKP	PKIKP	23 28 35.3	-0.4
H1NF	Hinterfeld	116.57	321	ePKP	PKIKP	23 28 35.3	-0.4
Q19A	Hogan Spring (	116.58	49	↑PKIKP	PKIKP	23 28 37.4	+1.4
U18A	Rough Rock, Ch	116.74	52	↑PKIKP	PKIKP	23 28 37.8	+1.4
N20A	Spence Gulch,	116.80	47	↑PKIKP	PKIKP	23 28 37.7	+1.3
HAU	Haudoump	116.81	322	ePKIKP	PKIKP	23 28 36.1	-0.1
HAU	Haudoump	116.81	322	eMLR	MLR		
HAU	Haudoump	116.81	322	ePKP	PKIKP	23 28 36.1	-0.1
HAU	Haudoump	116.81	322	LR	LR		
HAU	Haudoump	116.81	322	PKIKP	PKIKP	23 28 36.1	-0.1
HAU	Haudoump	116.81	322	PKIKP	PKIKP	23 28 36.1	-0.1
HAU	Haudoump	116.81	322	PKIKP	PKIKP	23 28 36.1	-0.1
V18A	Ganado	116.85	53	↑PKIKP	PKIKP	23 28 37.6	+0.9
117A	Oracle	116.85	56	↑PKIKP	PKIKP	23 28 38.3	+1.6
G1VF	Givet	116.86	324	ePKIKP	PKIKP	23 28 36.5	+0.3
G1VF	Givet	116.86	324	ePKP	PKIKP	23 28 36.5	+0.3
TUC	Tucson	116.86	57	ePKP	PKIKP	23 28 37.9	+1.1
TUC	Tucson	116.86	57	ePKIKP	PKIKP	23 28 37.9	+1.1
K21A	Alcovia	116.97	45	↑PKIKP	PKIKP	23 28 37.5	+0.8
S19A	Harvey Farm, M	116.98	50	↑PKIKP	PKIKP	23 28 38.3	+1.4
PGF	Pioggiola	117.00	315	ePKIKP	PKIKP	23 28 36.6	-0.1
PGF	Pioggiola	117.00	315	ePKP	PKIKP	23 28 36.6	-0.1
O20A	White River Ci	117.01	48	↑PKIKP	PKIKP	23 28 38.8	+2.0
P20A	De Beque	117.08	48	↑PKIKP	PKIKP	23 28 37.9	+0.9
C24A	Savage	117.10	39	↑PKIKP	PKIKP	23 28 38.0	+1.3
M21A	Separation Pea	117.22	46	↑PKIKP	PKIKP	23 28 38.3	+1.1
BAIF	Baives	117.23	324	↑PKIKP	PKIKP	23 28 37.2	+0.3
BAIF	Baives	117.23	324	ePKIKP	PKIKP	23 28 37.2	+0.3
J22A	Midwest	117.26	44	↑PKIKP	PKIKP	23 28 37.7	+0.5
T19A	Recabito	117.30	51	↑PKIKP	PKIKP	23 28 39.2	+1.8
Q20A	Ridgley Place,	117.30	49	↑PKIKP	PKIKP	23 28 38.8	+1.4
W19A	Sanders	117.42	53	↑PKIKP	PKIKP	23 28 38.7	+0.9
R20A	Redvale	117.45	50	↑PKIKP	PKIKP	23 28 38.8	+1.0
118A	Homack Ranch,	117.48	56	↑PKIKP	PKIKP	23 28 39.4	+1.4
LPG	La Plagne	117.51	319	↑PKIKP	PKIKP	23 28 38.0	+0.4
LPG	La Plagne	117.51	319	ePKP	PKIKP	23 28 38.0	+0.4
CABF	La Chapelle	117.52	320	↑PKIKP	PKIKP	23 28 37.9	+0.3
CABF	La Chapelle	117.52	320	ePKIKP	PKIKP	23 28 37.9	+0.3
LPL	La Plagne	117.52	319	↑PKIKP	PKIKP	23 28 37.9	+0.3
LPL	La Plagne	117.52	319	ePKP	PKIKP	23 28 37.9	+0.3
316A	Bisbee	117.59	57	↑PKIKP	PKIKP	23 28 39.2	+0.8

L22A	Ellis Ranch, M	117.74	45	↑PKIKP	PKIKP	23 28 39.2	+1.1
P21A	Newcastle	117.77	48	↑PKIKP	PKIKP	23 28 39.3	+1.0
MBDF	Montford	117.78	318	ePKIKP	PKIKP	23 28 38.5	+0.4
MBDF	Montbardon	117.78	318	ePKIKP	PKIKP	23 28 38.5	+0.4
Y19A	Nutrosio	117.79	55	↑PKIKP	PKIKP	23 28 39.0	+0.4
Q21A	Lamborn Mesa,	117.88	49	↑PKIKP	PKIKP	23 28 39.2	+0.7
V20A	Brimhall	117.99	52	↑PKIKP	PKIKP	23 28 39.7	+0.8
S21A	Conchank Pass	118.03	50	↑PKIKP	PKIKP	23 28 40.2	+1.3
W20A	Ramah	118.12	53	↑PKIKP	PKIKP	23 28 40.1	+1.0
219A	White Tail Can	118.19	57	↑PKIKP	PKIKP	23 28 40.6	+1.2
L23A	Garrett	118.23	45	↑PKIKP	PKIKP	23 28 39.9	+0.7
X20A	Quemado	118.26	54	↑PKIKP	PKIKP	23 28 41.4	+1.9
FRF	La Foret Royal	118.29	317	ePKIKP	PKIKP	23 28 39.0	-0.1
FRF	La Foret Royal	118.29	317	ePKIKP	PKIKP	23 28 39.0	-0.1
319A	Douglas	118.30	57	↑PKIKP	PKIKP	23 28 41.2	+1.6
ORIF	Oris-en-Rattie	118.30	319	ePKIKP	PKIKP	23 28 39.1	0.0
ORIF	comp=2.1,8nm,0.7s			eMLR	MLR		
ORIF	comp=2.7,2nm,22.5s			ePKIKP	PKIKP	23 28 39.1	0.0
TR1A	Navajo Lake	118.31	51	↑PKIKP	PKIKP	23 28 42.1	+2.5
LMR	La Moure	118.46	317	ePKIKP	PKIKP	23 28 39.3	-0.2
LMR	La Moure	118.46	317	ePKIKP	PKIKP	23 28 39.3	-0.2
U1M	Nagezzi	118.46	51	↑PKIKP	PKIKP	23 28 41.2	+1.4
Y20A	Horse Springs,	118.51	54	↑PKIKP	PKIKP	23 28 40.8	+0.8
Z20A	Nine Sixteen R	118.51	55	↑PKIKP	PKIKP	23 28 39.9	0.0
120A	U Bar Ranch, L	118.60	56	↑PKIKP	PKIKP	23 28 41.7	+1.6
V21A	Milan	118.64	52	↑PKIKP	PKIKP	23 28 41.6	+1.5
LOR	Lorres	118.65	322	ePKIKP	PKIKP	23 28 39.8	+0.1
LOR	comp=2.61nm,17.2s			eMLR	MLR		
LOR	Lorres	118.65	322	ePKIKP	PKIKP	23 28 39.8	+0.1
LOR	comp=2.60nm,17.3s			LR	LR		
LOR	Lorres	118.65	322	ePKIKP	PKIKP	23 28 39.8	+0.1
LOR	comp=2.60nm,17.3s			MLR	MLR		
RSSD	Black Hills	118.66	42	ePKP	PKIKP	23 28 40.0	+0.1
RSSD	Black Hills	118.66	42	ePKIKP	PKIKP	23 28 40.0	+0.1
R22A	Saguache, Gunn	118.66	49	↑PKIKP	PKIKP	23 28 42.3	+2.2
KEST	Kesra	118.69	308	PKP	PKIKP	23 28 41.2	+1.0
KEST	comp=2.1,7nm,0.9s,baz=268,slow=11,SNR=5.3			PP	PP	23 29 56.0	-3.4
KEST	Kesra	118.69	308	PKP	PKIKP	23 28 41.2	+1.0
KEST	comp=2.2,0nm,0.8s,baz=298,slow=8.6,SNR=5.8			PP	PP	23 29 56.0	-3.4
KEST	Kesra	118.69	308	PKP	PKIKP	23 28 41.2	+1.0
S22A	4UR Ranch, Cre	118.75	50	↑PKIKP	PKIKP	23 28 42.2	+2.0
Z20A	Play Peak, P	118.82	57	↑PKIKP	PKIKP	23 28 42.1	+1.5
SMRF	Simiane la Rot	118.86	318	ePKIKP	PKIKP	23 28 40.7	+0.5
X21A	Alamocita Cree	118.86	54	↑PKIKP	PKIKP	23 28 42.9	+2.3
T22A	Edith	118.89	51	↑PKIKP	PKIKP	23 28 43.2	+2.6
SMF	Signal de Mont	118.92	321	ePKIKP	PKIKP	23 28 40.0	-0.3
SMF	Signal de Mont	118.92	321	ePKIKP	PKIKP	23 28 40.0	-0.3
SSF	Saint Saulte	118.95	322	↑PKIKP	PKIKP	23 28 40.5	+0.2
SSF	Saint Saulte	118.95	322	↑PKIKP	PKIKP	23 28 40.5	+0.2
V1VF	Saint-Julien-I	119.12	319	ePKIKP	PKIKP	23 28 40.7	0.0
V1VF	Saint-Julien-I	119.12	319	ePKIKP	PKIKP	23 28 40.7	0.0
Q23A	Hartsel	119.16	48	↑PKIKP	PKIKP	23 28 42.1	+1.1
AVF	Avril sur Loir	119.17	321	↑PKIKP	PKIKP	23 28 40.5	-0.2
AVF	Avril sur Loir	119.17	321	↑PKIKP	PKIKP	23 28 40.5	-0.2
V22A	San Miguel Ran	119.18	52	↑PKIKP	PKIKP	23 28 43.0	+1.8
T23A	Casias Ranch,	119.55	50	↑PKIKP	PKIKP	23 28 44.5	+2.6
BGF	Bois d'Angland	119.58	321	↑PKIKP	PKIKP	23 28 41.8	+0.3
BGF	Bois d'Angland	119.58	321	↑PKIKP	PKIKP	23 28 41.8	+0.3
U23A	El Rito	119.63	51	↑PKIKP	PKIKP	23 28 44.5	+2.5
Y22A	Socorro	119.64	54	↑PKIKP	PKIKP	23 28 43.0	+0.8
SDCO	Great Sand Dun	119.75	49	↑PKIKP	PKIKP	23 28 43.6	+1.4
SDCO	Great Sand Dun	119.75	49	ePKP	PKIKP	23 28 44.1	+1.9
ANMO	Albuquerque	119.79	53	ePKP	PKIKP	23 28 43.7	+1.4
ANMO	Albuquerque	119.79	53				













VOIR	84.35 315	iP	P	03 17 24.4	+0.2	
STOK	84.66 337	eP	P	03 17 24.5	-0.9	
PVLK	84.66 313	eP	P	03 17 27.1	+1.3	
ALN	84.67 311	eP	P	03 17 25.5	-0.5	
DIM	84.78 312	eP	P	03 17 27.0	+0.5	
SMG	84.79 307	eP	P	03 17 27.0	+0.4	
BMR	84.86 318	iP	P	03 17 27.8	+1.1	
BMR	84.86 318	iP	P	03 17 27.6	+0.9	
KWP	84.88 320	eP	P	03 17 27.3	+0.5	
KWP		ePcP	PcP	03 17 28.9	-1.1	
KWP		eS	S	03 27 52.7	+3.0	
KWP		LMZ		04 00 33.2		
KWP	comp=E,5um,22.0s					
KWP	Kalwaria Pacia	84.88 320	eP	P	03 17 26.8	0.0
KWP	Kalwaria Pacia	84.88 320	eP	P	03 17 27.3	+0.5
KWP	Kalwaria Pacia	84.88 320	iP	P	03 17 27.0	+0.2
PRK	Paraskevi	84.88 309	eP	P	03 17 28.3	+1.3
RDO	Rodhopi	84.99 311	eP	P	03 17 27.8	+0.3
KARP	Karpathos	85.02 305	eP	P	03 17 28.4	+0.6
WAR	Warsaw	85.22 323	eP	P	03 17 27.2	-1.3
WAR		LMZ		04 01 59.7		
WAR	comp=E,7um,18.9s					
WAR	Warsaw	85.22 323	eP	P	03 17 27.2	-1.3
KOLS	Kolonickie sedl	85.33 319	eP	P	03 17 29.3	+0.2
KOLS	Kolonickie sedl	85.33 319	eP	P	03 17 29.3	+0.2
KOLS	comp=E,41nm,1.6s,mb5.1					
KOLS	Kolonickie sedl	85.33 319	eP	P	03 17 29.3	+0.2
KOLS	Kolonickie sedl	85.33 319	eP	P	03 17 29.3	+0.2
KOLS	comp=Z,41nm,1.6s,mb5.1					
KOLS	Kolonickie sedl	85.33 319	eP	P	03 17 29.3	+0.2
TRPA	Tarpa	85.37 318	iP	P	03 17 29.4	+0.1
UZH	Uzghord	85.40 319	e	pP	03 17 44.5	-4.1
UZH		e		03 20 56.0		
UZH		e		03 22 44.5		
UZH		iS	S	03 27 54.0	-0.9	
UZH		e		03 17 31.6	+1.7	
RZN	Rozhen	85.46 312	eP	P	03 17 31.6	+1.7
CRAR	CRAIOVA	85.48 314	eP	P	03 17 31.3	+1.3
SKAG	Skagway	85.56 30	eP	P	03 17 30.6	+0.7
DRGR		85.60 317	iP	P	03 17 30.7	+0.3
DRGR		85.60 317	iP	P	03 17 30.7	+0.3
PGB	Panagyurishte	85.63 313	eP	P	03 17 31.9	+1.1
NSS	Namsos	85.74 336	eP	P	03 17 28.5	-2.2
NSS		AMS	AMS	03 59 08.3		
KAVA	Kavala	85.78 311	eP	P	03 17 30.3	-1.2
CRVS	Cervenica-Dubn	85.86 319	eP	P	03 17 32.6	+0.9
CRVS	comp=Z,686nm,2.1s,mb2.2					
CRVS	Cervenica-Dubn	85.86 319	eP	P	03 17 32.6	+0.9
CRVS		LMZ		04 03 37.7		
CRVS	comp=Z,686nm,2.1s,mb2.2					
CRVS	Cervenica-Dubn	85.86 319	eP	P	03 17 32.6	+0.9
ZKR	Zakros	85.86 305	eP	P	03 17 32.7	+0.7
ZKR	Zakros	85.86 305	eP	P	03 17 32.5	+0.5
GZR	Gura Zlata	85.91 316	iP	P	03 17 32.9	+0.9
GZR	Gura Zlata	85.91 316	iP	P	03 17 32.9	+0.9
NVR	Neurokopi	86.17 311	eP	P	03 17 33.2	+0.8
MMB	Musomiste	86.21 312	eP	P	03 17 33.9	+0.3
THRS	Thira Island	86.25 306	eP	P	03 17 33.6	-0.3
NPS	Neapolis	86.31 305	eP	P	03 17 33.5	-0.7
VTS	Vitosha	86.33 313	eP	P	03 17 34.2	+0.1
VTS	Vitosha	86.33 313	eP	P	03 17 34.3	+0.1
VTS	Vitosha	86.33 313	eP	P	03 17 34.3	+0.1
VTS	Vitosha	86.33 313	iP	P	03 17 34.3	+0.2
VTS	Vitosha	86.33 313	eP	P	03 17 35.4	+1.3
NIE	Niedzica	86.44 320	eP	P	03 17 35.4	+0.9
NIE	Niedzica	86.44 320	eP	P	03 17 35.4	+0.9
LAST	Lastini	86.64 312	eP	P	03 17 35.2	+0.2
OJC	Ojcowe	86.53 321	eP	P	03 17 36.5	-0.8
OJC		ePcP	PcP	03 28 08.4	+2.5	
OJC		eS	S	04 03 37.7		
OJC	comp=Z,3.0nm,18.4s					
OJC	Ojcowe	86.53 321	eP	P	03 17 35.2	+0.2
OJC		eS	S	03 28 08.4	+2.5	
KECS	Kecevo	86.59 319	eP	P	03 17 35.4	+0.1
KECS	comp=Z,41nm,0.8s,mb5.4					
KECS	Kecevo	86.59 319	eP	P	03 17 35.4	+0.1
KECS	comp=Z,41nm,0.8s,mb5.4					
KECS	Kecevo	86.59 319	eP	P	03 17 35.4	+0.1
KKB	Krupnik	86.60 312	eP	P	03 17 35.5	0.0
BZS	Buzias	86.64 316	iP	P	03 17 34.8	-0.8
BZS	Buzias	86.64 316	iP	P	03 17 34.8	-0.8
SOH	Sokhos	86.67 311	eP	P	03 17 34.3	-1.6
PLG	Polygyros	86.72 311	eP	P	03 17 35.5	-0.6
DAG	Danmarks Havn	86.83 351	eP	MLR	03 17 32.3	-3.7
DAG		MLR	MLR	03 21 53.0	+5.4	
DAG	Danmarks Havn	86.83 351	iP	P	03 17 32.3	-3.7
DAG		iPP	PP	03 21 53.0	+5.4	
DAG		LMZ		04 03 21.6		
HORT	Horhtias	86.92 311	P	P	03 17 36.1	-1.0
KNT	Kendrikon	86.92 311	P	P	03 17 36.3	-0.8
SIVA	Sivas	87.01 305	eP	P	03 17 38.4	+0.8
VLY	Voula, Athens	87.10 308	eP	P	03 17 35.8	-2.2
VAY	Valandovo	87.12 312	eP	P	03 17 36.8	-1.2
VAY	Valandovo	87.12 312	eP	P	03 17 37.5	-0.5
VAY		iP	PP	03 17 39.4	+4.7	
GKP	Gorka Klasztor	87.12 324	eP	P	03 17 37.9	+0.1
GKP		ePcP	PcP	03 17 39.2	-0.7	
GKP		eSKS	S	03 28 04.0		
GKP		LMZ		03 28 13.2	+1.8	
GKP		eS	S	04 00 21.6		
GKP		LMZ		04 03 21.6		
GKP	comp=Z,12um,18.6s					
GKP	Gorka Klasztor	87.12 324	eP	P	03 17 37.9	+0.1
PSZ	Piszkesteto	87.13 319	eP	P	03 17 37.9	0.0
PSZ	comp=Z,77nm,1.4s,mb5.4					
PSZ	Piszkesteto	87.13 319	eP	P	03 17 37.9	-0.1
PSZ		iP	P	03 17 39.1	+1.1	
PSZ		ePcP	PcP	03 17 39.2	-0.8	
PSZ		e		03 21 52.5		
GRG	Griva	87.33 311	P	P	03 17 37.5	-1.6
NB2	NORSAR Subarra	87.41 333	P	P	03 17 38.0	-1.0
NOA	NORSAR Array B	87.41 333	P	P	03 17 37.4	-1.6
NOA	comp=Z,55nm,0.8s,mb5.5,baz=69,slow=4.7,SNR=98					
NOA	NORSAR Array B	87.41 333	P	P	03 17 37.4	-1.6
NOA	comp=Z,3.3nm,0.8s,baz=70,slow=8.2,SNR=4.3					
NOA	NORSAR Array B	87.41 333	P	P	03 17 37.4	-1.6
NOA	comp=Z,3.3nm,0.8s,baz=70,slow=8.2,SNR=4.3					
NOA	NORSAR Array B	87.41 333	P	P	03 17 37.4	-1.6
NOA	comp=Z,3.3nm,0.8s,baz=70,slow=8.2,SNR=4.3					
LKR	Lokris	87.50 309	eP	P	03 17 36.4	-3.5
DID	Didima	87.61 308	eP	P	03 17 38.5	-2.0
DID	Didima	87.61 308	eP	P	03 17 38.6	-1.9
KARN	Karanos	87.62 306	eP	P	03 17 39.8	-0.8
KARN	Karanos	87.62 306	eP	P	03 17 41.2	+0.6
VYHS	Vyhne	87.64 319	eP	P	03 17 40.8	+0.4
VYHS	comp=Z,103nm,2.1s,mb5.5					
VYHS	Vyhne	87.64 319	eP	P	03 17 40.8	+0.4
VYHS		LMZ		03 21 54.2		
OKC	Ostrava-Krasne	87.66 321	eP	MLR	03 17 40.7	+0.3
OKC		MLR	MLR	03 21 54.2		
OKC	comp=Z,4um,16.5s					
OKC	Ostrava-Krasne	87.66 321	eP	P	03 17 40.7	+0.3
SKO	Skojpe	87.76 313	iP	PP	03 17 42.0	+0.9
SKO		iP	PP	03 21 54.5	+4.7	
SKO		iP	PP	03 21 54.1	+0.1	
BSD	Bornholm Skovb	87.79 326	eP	MLR	03 17 41.0	+0.1
BSD		iP	P	03 21 56.2		
BSD	comp=Z,4um,16.0s					
BSD	Bornholm Skovb	87.79 326	iP	P	03 17 41.0	+0.1
BSD		iP	P	03 21 56.2		
BUD	Budapest	87.82 318	ePcP	PcP	03 17 40.8	-2.3
BUD		e		03 21 54.2		
AGF	Agios Georgios	87.90 310	eP	P	03 17 39.8	-2.0
DSF	Desfina	87.97 307	eP	P	03 17 39.7	-2.2
VELI	Vellai	88.05 307	eP	P	03 17 41.0	-1.6
MORC	Moravsky Berou	88.05 321	eP	P	03 17 42.1	-0.2
MORC	comp=Z,27nm,0.9s,mb5.3					
MORC	Moravsky Berou	88.05 321	eP	P	03 17 42.1	-0.2
MORC		AMS	AMS	04 01 00.0		
MORC	comp=Z,27nm,0.9s,mb5.3					

MORC	Moravsky Berou	88.05 321	iP	P	03 17 42.6	+0.3
KRUS	Krusevo	88.06 312	iP	P	03 17 41.9	-0.7
KRUS		iPPP	PP	03 21 53.8	+4.4	
OSL	Oslo	88.08 332	eP	P	03 17 41.3	-1.4
BIA	Bitola	88.10 312	eP	P	03 17 41.3	-1.4
BIA		ePP	PP	03 17 45.2	+0.9	
FLR	Florida	88.13 311	P	P	03 17 41.4	-1.5
GNA	Goura	88.18 308	eP	P	03 17 41.6	-1.6
GUR	Goura	88.18 308	P	P	03 17 41.7	-1.5
KALE	Kalithea	88.22 309	P	P	03 17 42.3	-1.0
VIX	Vlachokerasia	88.31 308	eP	P	03 17 42.9	-0.9
MOL	Molde	88.35 305	AMS	AMS	04 04 45.7	
MOL	comp=Z,8um,13.1s					
LAKA	Lakka	88.38 309	P	P	03 17 43.2	-0.9
EFP	Epialto	88.38 309	eP	P	03 17 43.3	-0.8
EFP	Epialto	88.38 309	eP	P	03 17 43.0	-1.1
PKSM	Poros	88.46 317	eP	P	03 17 43.8	-0.5
PKSM	Moragy	88.46 317	iP	P	03 17 43.8	-0.5
KSP	Ksiaz	88.46 322	eP	P	03 17 44.8	+0.6
KSP		ePcP	PcP	03 17 46.2	+0.4	
KSP		eSKS	S	03 28 03.2		
KSP		LMZ		03 28 24.1	-0.3	
KSP		LMZ		04 04 23.2		
IVA	Berane	88.60 314	iP	P	03 17 44.4	-0.6
IVA	Berane	88.60 314	iP	P	03 17 44.5	-0.6
KBI	Korcka	88.61 311	iP	P	03 17 39.2	-6.0
DPC	Dobruska-Polom	88.61 322	eP	MLR	03 17 45.5	+0.6
DPC		MLR	MLR	03 17 45.5	+0.6	
DPC	Dobruska-Polom	88.61 322	eP	P	03 17 45.5	+0.6
DPC		MLR	MLR	03 17 45.5	+0.6	
DPC	comp=Z,4um,15.9s					
BCI	Bajram Curri	88.62 313	iP	P	03 17 35.5	-10
PVY	Plav	88.62 313	iP	P	03 17 44.2	-0.9
PVY	Plav	88.62 313	iP	P	03 17 44.2	-0.9
ITM	Ithomi	88.71 308	eP	P	03 17 44.7	-1.0
ITM	Ithomi	88.71 308	eP	P	03 17 44.9	-0.8
UPC	Upice	88.74 322	eP	P	03 17 45.9	+0.4
UPC	Upice	88.74 322	eP	P	03 17 45.9	+0.4
VRAC	Vranov	88.79 321	iP	P	03 17 46.8	+1.0
VRAC	Vranov	88.79 321	iP	P	03 17 46.8	+1.0
PLE	Piljevia	88.81 314	iP	P	03 17 46.7	+0.7
PLE	Piljevia	88.81 314	iP	P	03 17 46.7	+0.7
PVY	Piljevia	88.81 314	iP	P	03 17 46.7	+0.7
JAN	Janina	88.83 310	eP	P	03 17 46.2	0.0
ZST	Bratislava	88.83 319	eP	P	03 17 46.9	+0.9
ZST	Bratislava	88.83 319	eP	P	03 17 46.9	+0.9
ZST	comp=Z,10.0nm,0.8s,mb4.9					
ZST	Bratislava	88.83 319	eP	P	03 17 46.9	+0.9
PUK	Puka	88.84 313	iP	P	03 17 47.3	+1.1
COP	Copenhagen	88.90 327	eP</			





27d 3h

Table with columns for flight codes (e.g., HIA, KKN, DMN), destinations (e.g., Hailar, Kakani, Daman), times, and status indicators (e.g., eP, pmax, P).

2008 SEP

Table with columns for flight codes (e.g., BHPH, TRD, CLNS), destinations (e.g., Trivandrum, Chul'man, Forest), times, and status indicators (e.g., eP, pmax, P).

1128

Table with columns for flight codes (e.g., YAK, ZAAO, ZALV), destinations (e.g., 1.1um,5.4s, Zalesovo Array), times, and status indicators (e.g., pmax, smax, P).



27Z 3h

Table with columns for location (e.g., Kiev, Minsk, Naroch), time (03 21 16.1), and various status codes (eP, pmax, MLR, etc.).

2008 SEP

Table with columns for location (e.g., OJC, OJCw, Kecovo), time (03 21 16.1), and various status codes (eP, pmax, MLR, etc.).

1130

Table with columns for location (e.g., BRG, BRG, BRG), time (03 21 16.1), and various status codes (SS, pmax, MLR, etc.).





27d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MVU Marysvale, PESTR Estremoz, and many others.

2008 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like NATX Nacogdoches, MCWV Mount Chateau, and many others.

1132

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP Brasilia, BDFB Brasilia, and many others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Sogingo Array, ASAR Alice Springs, CTA Charter Tower, etc.

IDC 27 03:18:21.6:1.2, 13.10N:120.22E, h0km, mb3.8/6, mb1.4/1.4, mb1mx3.7/2.0, mbtmp3.8/4, Error ellipse: s-maj=25.6km s-min=13.5km az=114.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

IDC 27 03:24:43.4:1.0, 13.26N:120.64E, h0km, mb3.8/6, mb1.4/1.6, mb1mx3.8/2.1, mbtmp3.9/6, Error ellipse: s-maj=25.4km s-min=10.7km az=101.0

NEIC 27 03:24:44.6:0.7, 13.28N:120.64E, h10km, mb4.1/2, Error ellipse: s-maj=18.7km s-min=11.9km az=87.0

ISC 27 03:24:45.2:3.7, 13.3N:02:120.7E:0.2, h14km, 25km, n9, c0899g, mb3.9/8, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

WEL 27 03:24:46.6:0.3, 39.545S:174.27E, h190km, 3km, ML3.7/11, Error ellipse: s-maj=3.6km s-min=1.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VRZ Vera Road, WAZ Wanganui, WAZ Wanganui, etc.

IDC 27 03:26:25.9:0.8, 13.22N:120.09E, h0km, mb4.2/9, mb1.4/3.9, mb1mx4.1/2.1, mbtmp4.2/9, Error ellipse: s-maj=18.6km s-min=13.3km az=119.0

NEIC 27 03:26:27.8:0.5, 13.27N:120.35E, h10km, mb4.3/10, Error ellipse: s-maj=11.5km s-min=9.5km az=110.0

ISCJB 27 03:26:31.4:1.8, 13.30N:0:10:120.4E:0.1, h55km, 17km, mb4.2/2.0, Error ellipse: s-maj=23.7km s-min=15.4km az=161.0

ISC 27 03:26:32.3:1.8, 13.31N:0:09:120.5E:0.1, h45km, 18km, n23, c064/23, mb4.2/2.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, KULM Kulm, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCH Uchtor, AAK Ala-Archa, ZALV Zalesov Beam, etc.

ISCJB 27 03:29:07.0:1.1, 21.3N:0:2:92.8E:0.2, h33km, Error ellipse: s-maj=36.9km s-min=9.9km az=39.7

NEIC 27 03:29:07.8:1.0, 20.95N:92.69E, h35km, mb4.1/1, Error ellipse: s-maj=26.6km s-min=8.5km az=211.0

ISC 27 03:29:09.5:1.1, 21.2N:0:2:92.7E:0.2, h35km, n15, c1510/24, Myanmar-Bangladesh border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHTO Chiang Mai, ODOT Odare, ODAN, etc.

NOU 27 03:29:23.5:0.9, 15.48S:168.16E, h30km, MD3.7, MS2.3

ISCJB 27 03:29:24.2:1.1, 15.62S:0:05:167.64E:0.07, h134km, 10km, mb4.8/5.5, Error ellipse: s-maj=11.2km s-min=7.9km az=176.7

IDC 27 03:29:25.4:1.7, 15.61S:167.60E, h132km, 13km, mb4.5/2.3, mb1.4/1.5, mb1mx4.5/2.7, mbtmp4.5/2.4, MS4.0/1, mb1.4/0.1, mb1mx3.6/3.4, Error ellipse: s-maj=15.5km s-min=11.4km az=129.0

LDG 27 03:29:26.6:0.3, 15.43S:167.13E, h130km, Mb5.1/2, Error ellipse: s-maj=53.0km s-min=13.7km az=89.0

NEIC 27 03:29:29.5:1.3, 15.57S:167.53E, h166km, 11km, mb5.0/2.0, Error ellipse: s-maj=9.7km s-min=7.3km az=132.0

BUI 27 03:29:30.3, 15.24S:168.10E, h189km, mb5.4/1.1, mb5.0/38

MOS 27 03:29:37.0:1.4, 15.16S:166.82E, h212km, mb5.0/10, Error ellipse: s-maj=13.8km s-min=9.2km az=41.3

ISC 27 03:29:24.8:1.0, 15.60S:0:05:167.71E:0.07, h126km, gkm, h199km, 2.3km, n360, c0699/124, mb4.9/5.5, 70C-7D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BAYA Yate Dam, NOUC Noumea, LASL Noumea, etc.

RIV Riverview, 23.51 216 eP P 03 34 25.3 +2.0

COEN Coen, 23.78 271 eP P 03 34 25.8 -0.2

URZ Urewera, 24.04 162 P P 03 34 28.6 +0.5

CNB Canberra Magne, 25.60 217 eP P 03 34 43.5 +1.2

STKA Stephens Creek, 26.27 231 eP P 03 35 11.0 +0.3

STKA Stephens Creek, 28.77 231 eP P 03 35 11.2 +0.5

STKA Stephens Creek, 27.23 231 eP P 03 35 11.0 +0.3

TOO Toolangi, 29.41 218 eP P 03 35 17.0 +0.7

MOO Moorlands, 31.31 205 LR P 03 35 40.5 +1.2

WRA Warramunga Arr, 32.04 257 P P 03 35 38.2 -1.5

WRA Warramunga Arr, 32.04 257 P P 03 35 38.2 -1.5

ASAR Alice Springs, 37.77 250 S S 03 35 44.8 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, KAKA Kakadu, FORT Forrest, etc.

comp=Z,3.1nm,0.8s,baz=88,slow=3.4,SNR=8.6

comp=Z,2.3nm,0.8s,baz=85,slow=3.0,SNR=6.6

comp=Z,6.6nm,0.3s,mb4.9

comp=Z,17nm,0.3s,mb5.3

comp=Z,42nm,0.7s,mb5.4

comp=Z,58nm,0.8s,mb5.5

comp=Z,59nm,1.9s,mb5.1

comp=Z,7.9nm,0.8s,mb4.7,baz=68,slow=16,SNR=3.5

comp=Z,2.1nm,0.9s,mb5.3,baz=104,slow=16

comp=Z,15nm,0.9s,mb5.0,baz=171,slow=8.2,SNR=26

comp=Z,4.2nm,0.9s,baz=181,slow=4.5,SNR=4.2

comp=Z,58.8km, 58.87 332 P P 03 39 05.9 -0.9

comp=Z,58.8km, 58.87 332 P P 03 39 05.9 -0.9

comp=Z,58.8km, 58.87 332 P P 03 39 05.9 -0.9

comp=Z,2.23nm,0.9s,mb5.2

comp=Z,2.44nm,0.9s,mb5.3,baz=207,slow=6.8,SNR=8.6

comp=Z,6.0nm,0.9s,mb4.4,baz=143,slow=7.1,SNR=15

comp=Z,36nm,1.0s,mb5.2

comp=Z,36nm,1.0s,mb5.2

comp=Z,30nm,0.8s,mb5.2

comp=Z,45nm,0.6s,mb5.4

comp=Z,5.4nm,0.7s,mb4.5,baz=167,slow=9.8,SNR=3.7

comp=Z,6.0nm,0.7s,mb4.5,baz=167,slow=9.8,SNR=3.7

comp=Z,1.1nm,0.9s,mb4.7,baz=173,slow=5.2,SNR=8.5

comp=Z,40nm,1.0s,mb5.2

comp=Z,200nm,5.0s

comp=N,1µm,15.0s

comp=E,600nm,15.0s

comp=Z,700nm,13.0s

comp=Z,97nm,1.6s,mb5.4

comp=Z,28nm,0.9s,mb5.4

comp=Z,150nm,9.0s

comp=N,460nm,18.3s

comp=E,410nm,19.0s

comp=Z,490nm,18.6s

comp=Z,18nm,0.6s,mb5.1

comp=Z,18nm,0.6s

comp=Z,4.5nm,0.7s,mb5.4

comp=Z,15nm,0.9s,mb4.7

comp=Z,9.0nm,0.9s,mb4.5

comp=Z,620nm,11.4s

comp=Z,21nm,1.0s,mb4.8

comp=Z,8.7nm,0.7s,mb4.6,baz=132,slow=4.4,SNR=21

comp=Z,9.2nm,0.9s,mb4.5

comp=Z,9.0nm,0.9s,mb4.5

comp=N,760nm,17.8s

comp=E,510nm,17.3s

comp=Z,480nm,18.0s

27d 3h

Table with columns for station code, name, frequency, and other technical details. Includes stations like CD2, LZH, MAW, etc.

2008 SEP

Table with columns for station code, name, frequency, and other technical details. Includes stations like DRGR, OKC, GZB, etc.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like SAOF, TCF, AUN, etc.







CPRX	Cap Rock	52.47 299	eP	P	04 10 56.7 -0.6
526A	Mary Lane Ranch	52.47 296	↓P	P	04 10 56.9 -0.5
626A	Big Bend Ranch	52.49 295	↓P	P	04 10 56.5 -1.1
X26A	CR and CF Fran	52.56 301	↑P	P	04 10 56.8 -1.2
Z26A	Caprock	52.58 300	↑P	P	04 10 57.2 -1.0
W26A	Owens Ranch, T	52.59 302	↑P	P	04 10 57.6 -0.6
V26A	Tequesquite Ra	52.68 303	↑P	P	04 10 57.8 -1.0
U26A	Atchley Ranch,	52.72 304	↑P	P	04 10 58.6 -0.5
GDL2	Guadalupe Moun	52.82 298	eP	P	04 10 59.6 -0.3
125A	Gardner Draw,	51.10 299	↓P	P	04 11 00.9 -1.1
W25A	X Bar L Ranch,	53.16 302	↑P	P	04 11 01.6 -0.8
Z25A	Roswell	53.20 300	↑P	P	04 11 02.5 -0.3
225A	Deer Hill, Car	53.21 298	↓P	P	04 11 02.3 -0.5
Y25A	Mesa, Roswell	53.23 301	↑P	P	04 11 02.6 -0.4
U25A	Circle Dot Ran	53.26 304	↑P	P	04 11 03.0 0.0
425A	Indio Mountain	53.28 297	↓P	P	04 11 03.6 +0.3
325A	Bean Ranch, Si	53.29 297	↓P	P	04 11 03.1 -0.3
T25A	Trinidad	53.35 305	↑P	P	04 11 03.8 0.0
V25A	Rancho No Teng	53.36 303	↑P	P	04 11 03.7 -0.2
R25A	Fountain Ranch	53.39 306	↑P	P	04 11 03.8 -0.2
Q25A	Robets Cordova	53.44 305	↑P	P	04 11 04.4 0.0
S25A	Bedland, Calha	53.48 307	↑P	P	04 11 05.1 +0.4
P25A	Willow Gulch B	53.51 307	↑P	P	04 11 05.5 +0.6
324A	Moseley Ranch,	53.73 297	↓P	P	04 11 05.7 -0.9
Z24A	Sheepen Canyo	53.74 300	↑P	P	04 11 06.7 0.0
124A	Stringfield Ra	53.78 299	↓P	P	04 11 06.8 -0.1
224A	Cornudas Mount	53.80 298	↓P	P	04 11 06.6 -0.5
Y24A	Capitan	53.85 300	↑P	P	04 11 07.2 -0.2
T24A	Torres, Weston	53.85 304	↑P	P	04 11 08.0 +0.6
V24A	Rampart Ranch,	53.88 303	↑P	P	04 11 07.9 +0.3
W24A	Lazy 6 Ranch,	53.94 302	↑P	P	04 11 08.5 +0.4
U24A	Moreno Valley	53.95 304	↑P	P	04 11 08.8 +0.6
R24A	Ganders Place,	54.05 306	↑P	P	04 11 09.1 +0.3
S24A	Houchin Ranch,	54.05 305	↑P	P	04 11 09.5 +0.6
Q24A	Divide	54.18 307	↑P	P	04 11 10.1 +0.3
N24A	Carr	54.27 309	↑P	P	04 11 11.1 +0.7
SDCO	Great Sand Dun	54.29 305	↓P	P	04 11 10.9 +0.2
SDCO	Great Sand Dun	54.29 305	eP	P	04 11 10.4 -0.3
O24A	Longmont	54.30 308	eP	P	04 11 11.6 +0.9
RSSD	Black Hills	54.30 313	eP	P	04 11 10.4 -0.2
M24A	Cheyenne	54.34 310	↑P	P	04 11 11.5 +0.6
Y23A	Lovelace Mesa,	54.36 300	↑P	P	04 11 11.3 +0.1
Z23A	Rita Site, Whi	54.46 300	↑P	P	04 11 12.5 +0.5
L24A	Wheatland	54.52 310	↑P	P	04 11 12.6 +0.4
W23A	Werner Place,	54.54 302	↑P	P	04 11 12.9 +0.4
223A	Chaparral, Ant	54.56 298	↓P	P	04 11 13.4 +0.7
V23A	Ortiz Mt. (NFS	54.62 303	↑P	P	04 11 14.0 +0.9
T23A	Casias Ranch,	54.63 304	↑P	P	04 11 13.7 +0.6
ISCO	Idaho Springs	54.66 308	eP	P	04 11 13.4 +0.2
ISCO	Idaho Springs	54.68 305	↑P	P	04 11 14.6 +1.1
U23A	Eje Rito	54.68 303	↑P	P	04 11 14.3 +0.8
Q23A	Hartsel	54.70 306	↑P	P	04 11 14.0 +0.4
P23A	Jefferson	54.77 307	↑P	P	04 11 14.9 +0.8
ANMO	Albuquerque	54.77 302	eP	P	04 11 14.6 +0.4
PHWY	Pilot Hill	54.78 309	eP	P	04 11 14.8 +0.5
BNM	Barren Site	54.85 301	eP	P	04 11 14.5 -0.3
KEST	Keora	54.89 57	P	P	04 11 15.4 +0.4
KEST	Keora	54.89 57	eP	P	04 11 15.6 +0.5
O23A	Lake Granby, G	54.95 308	↑P	P	04 11 16.6 +1.2
M23A	Laramie	55.01 310	↑P	P	04 11 16.4 +0.6
Z22A	Elephant Butte	55.08 300	↑P	P	04 11 16.3 -0.1
N23A	Red Feather La	55.08 309	↑P	P	04 11 16.7 +0.4
122A	Corniff Cattle	55.08 299	↓P	P	04 11 17.3 +0.8
L23A	Garrett	55.10 310	↑P	P	04 11 16.3 -0.1
Y22A	Socorro	55.12 300	↑P	P	04 11 16.4 -0.3
222A	Williams Farm	55.14 298	↓P	P	04 11 16.8 0.0
U22A	Llaves	55.22 303	↑P	P	04 11 17.9 +0.6
V22A	San Miguel Ran	55.22 303	↓P	P	04 11 17.8 +0.4
LAZ	Ladron	55.29 301	eP	P	04 11 18.7 +0.8
T22A	Edith	55.32 304	↑P	P	04 11 18.9 +0.8
R22A	Saguache, Gunn	55.33 306	↑P	P	04 11 18.9 +0.7
S22A	4UR Ranch, Cre	55.34 305	↑P	P	04 11 18.8 +0.6
O22A	Kremmling	55.42 308	↑P	P	04 11 19.5 +0.7
N22A	Wattenberg Ran	55.45 309	↑P	P	04 11 19.4 +0.4
DGMT	Dagmar	55.48 318	↑P	P	04 11 19.3 +0.2
DGMT	Dagmar	55.48 318	eP	P	04 11 18.5 -0.6
P22A	Eagle	55.51 307	↑P	P	04 11 19.8 +0.4
Q22A	Crested Butte,	55.53 306	↑P	P	04 11 20.5 +0.9
SMCO	Snowmass	55.62 307	eP	P	04 11 20.9 +0.7
L22A	Ellis Ranch, M	55.62 310	↑P	P	04 11 21.2 +1.0
M22A	Cedar Creek Ra	55.64 309	↑P	P	04 11 20.9 +0.6
Z21A	St. Cloud Mine	55.67 300	↑P	P	04 11 20.9 +0.2
221A	Mesquite Ranch	55.71 298	↓P	P	04 11 21.7 +0.7
Y21A	Point of Rocks	55.71 300	↑P	P	04 11 21.5 +0.5
121A	Cookes Peak, D	55.73 299	↑P	P	04 11 21.4 +0.2
K22A	Casper	55.79 311	↑P	P	04 11 20.4 -1.0

V21A	Milan	55.80 303	↑P	P	04 11 22.7 +1.2
D23A	Lindsay	55.81 316	↑P	P	04 11 21.5 0.0
T21A	Navajo Lake	55.82 304	↑P	P	04 11 22.8 +1.1
X21A	Alamocita Cree	55.83 301	↓P	P	04 11 22.1 +0.3
U21A	Nageezi	55.87 303	↓P	P	04 11 22.9 +0.8
R21A	Cimarron	55.97 306	↑P	P	04 11 23.6 +0.9
B23A	Brockton	55.99 318	↑P	P	04 11 23.1 +0.3
P21A	Newcastle	56.02 307	P	P	04 11 24.2 +1.0
Q21A	Lamborn Mesa,	56.04 306	↑P	P	04 11 24.0 +0.7
S21A	Coal Bank Pass	56.09 305	↓P	P	04 11 24.1 +0.5
O21A	Pagoda	56.13 308	↑P	P	04 11 25.2 +1.3
N21A	Black Mountain	56.24 308	↑P	P	04 11 25.7 +1.1
M21A	Separation Pea	56.24 310	↑P	P	04 11 25.6 +1.0
Y20A	Horse Springs,	56.29 300	↓P	P	04 11 25.7 +0.6
L21A	Rawlins	56.30 310	↑P	P	04 11 25.2 +0.1
K21A	Alcova	56.32 311	↓P	P	04 11 25.3 +0.1
320A	Kipp Ranch, An	56.33 297	↓P	P	04 11 26.3 +0.8
220A	Playas Peak, P	56.34 298	↓P	P	04 11 25.8 +0.3
LAO	ASA Arroyo	56.38 316	↑P	P	04 11 25.6 +0.1
LAO	ASA Arroyo	56.38 316	eP	P	04 11 25.6 0.0
C22A	Wid	56.39 317	↑P	P	04 11 25.7 0.0
X20A	Quemado	56.42 301	↑P	P	04 11 26.5 +0.5
Z20A	Nine Sixteen R	56.43 299	↓P	P	04 11 26.5 +0.3
120A	U Bar Ranch, L	56.45 299	↓P	P	04 11 26.7 +0.5
D22A	Cohagen	56.45 316	↑P	P	04 11 26.4 +0.4
W20A	Ramah	56.45 302	↑P	P	04 11 26.8 +0.5
V20A	Brimhall	56.47 302	↑P	P	04 11 26.8 +0.4
H21A	Big Horn, Sher	56.52 313	↑P	P	04 11 25.9 -0.7
I21A	Big Trails, Te	56.55 312	↑P	P	04 11 25.6 -1.2
S20A	Disappointment	56.55 305	↓P	P	04 11 27.6 +0.7
U20A	Newcomb	56.56 303	↑P	P	04 11 27.4 +0.4
J21A	Lysite	56.58 312	↑P	P	04 11 27.2 +0.1
B22A	Reddick Ranch S	56.60 318	↑P	P	04 11 27.1 +0.1
R20A	Redvale	56.60 305	↑P	P	04 11 27.7 +0.5
A22A	Carney Farms,	56.72 318	↑P	P	04 11 28.1 +0.1
Q20A	Ridgley Place,	56.61 306	↑P	P	04 11 27.6 +0.2
O20A	White River Ci	56.70 308	↑P	P	04 11 29.1 +1.2
A22A	Carney Farms,	56.72 318	↑P	P	04 11 28.0 +0.2
PV01	Paradox Valley	56.74 305	eP	P	04 11 29.1 +0.9
G21A	Lodge Grass	56.75 314	↑P	P	04 11 28.0 -0.4
P20A	De Beque	56.75 307	↑P	P	04 11 28.7 +0.4
N20A	Spence Gulch,	56.81 308	↑P	P	04 11 29.0 +0.3
E21A	Keefe Ranch,	56.92 315	↑P	P	04 11 29.2 -0.1
219A	White Tail Can	56.97 298	↓P	P	04 11 30.7 +0.7
D21A	La Casta Ranch	56.98 316	↑P	P	04 11 30.0 +0.3
G21A	Douglas	56.98 297	↓P	P	04 11 30.4 +0.3
T19A	Beclabito	56.99 304	↑P	P	04 11 31.1 +1.1
Y19A	Nutrosio	57.02 300	↑P	P	04 11 30.9 +0.6
119A	Ashpeack Ranch,	57.02 299	↓P	P	04 11 30.7 +0.3
L20A	Wamsutter	57.02 310	↑P	P	04 11 30.3 +0.1
J20A	Shoshoni	57.04 311	↑P	P	04 11 29.7 -0.6
U19A	Dine College	57.10 303	↑P	P	04 11 30.8 -0.1
K20A	Yellowstone Ra	57.12 311	↑P	P	04 11 30.4 -0.5
S19A	Harvey Farm, M	57.16 305	↑P	P	04 11 31.6 +0.3
H20A	Greybull	57.17 313	↑P	P	04 11 30.6 -0.6
I20A	Worland	57.17 312	↑P	P	04 11 30.6 -0.6
C21A	Desert Coulee	57.21 317	↑P	P	04 11 31.4 0.0
P19A	Cripple Cowboy	57.21 307	↓P	P	04 11 31.4 -0.2
B21A	Ellsworth Farm	57.29 318	↑P	P	04 11 32.6 +0.7
R21A	Curley Farm, L	57.30 305	↑P	P	04 11 33.1 +0.8
Q19A	Hogan Spring (	57.36 306	↑P	P	04 11 33.2 +0.5
A21A	Bergtoll Ranch	57.36 318	↑P	P	04 11 32.7 +0.2
O19A	Miners Draw (B	57.40 308	↑P	P	04 11 33.3 +0.4
G20A	Bridger	57.45 314	↑P	P	04 11 32.7 -0.4
N19A	John Jarvie Ra	57.50 308	↑P	P	04 11 33.2 -0.4
F20A	Billings	57.51 314	↑P	P	04 11 33.5 0.0
K19A	Abelson Red Bu	57.51 311	↑P	P	04 11 32.9 -0.8
118A	Homack Ranch,	57.55 299	↑P	P	04 11 34.9 +0.6
318A	Bisbee	57.58 297	↑P	P	04 11 34.5 +0.2
X18A	Snowflake	57.62 301	↑P	P	04 11 34.8 +0.2
E20A	Meyer Farm, Mu	57.62 315	↑P	P	04 11 34.0 -0.4
218A	Dragon	57.63 298	↓P	P	04 11 35.1 +0.4
Y18A	Canyon Day Jun	57.66 300	↑P	P	04 11 35.1 +0.2
T18A	Mexican Hat	57.70 304	↑P	P	04 11 35.1 +0.1
J19A	Crowheart	57.73 311	↑P	P	04 11 34.5 -0.6
D20A	Manuel Ranch,	57.74 316	↑P	P	04 11 34.9 -0.2
C20A	Veseth Ranch,	57.78 317	↑P	P	04 11 35.3 -0.1
L19A	Farson	57.79 310	↑P	P	04 11 35.2 -0.4
I19A	Meeteetse	57.80 312			

27d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like GERES GERRS Array B, BOZ Bozeman (W), BOZ Bozeman (E), F16A Kennard Place, etc.

2008 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like FURC Furnace Creek, C11A Tepee Creek (N), GRAC Grapevine Rang, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like KHAL Karahalli, BODT Bodrum, BODT Bodrum, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, ZALV Zalesovo Beam, STKA Stephens Creek, etc.

IDC 27 05:39:22.9.2.5, 11.16S, 119.48E, h0km, mb3.7/1, mb1 3.8/4, mb1mx3.7/16, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=187.1km s-min=23.7km az=48.0, South of Sumba

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, etc.

IDC 27 05:45:56.3.1.3, 13.29N, 120.51E, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.6/21, mbtmp3.9/3, Error ellipse: s-maj=31.5km s-min=10.6km az=109.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, etc.

IDC 27 05:55:02.9.2.3, 28.60N, 138.89E, h362km, 39km, mb3.1/4, mb1 3.2/5, mb1mx2.9/23, mbtmp3.1/5, Error ellipse: s-maj=77.0km s-min=19.7km az=77.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CMAR Kanakani Array, etc.

ISCJB 27 05:59:23.7.1.7, 13.26N, 0.05, 120.17E, 0.09, h7km, 11km, mb4.0/7, Error ellipse: s-maj=14.1km s-min=7.8km az=172.7

IDC 27 05:59:23.1.1.0, 13.48N, 120.64E, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.9/22, mbtmp4.0/7, MS3.6/1, Ms1 3.8/1, ms1mx2.9/34, Error ellipse: s-maj=57.2km s-min=17.0km az=62.0

MAN 27 05:59:27.13.20N, 120.35E, h80km, mb4.3, ML3.2, MS3.0, ISC 27 05:59:24.5.1.6, 13.26N, 0.05, 120.24E, 0.09, h3km, 11km, n17, r117/17, mb4.0/7, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, TGY Tagaytay City, etc.

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

IDC 27 06:05:04.7.1.1, 13.26N, 120.20E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/21, mbtmp3.6/4, Error ellipse: s-maj=23.9km s-min=12.6km az=117.0, Mindoro

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

IDC 27 06:21:12.5.2.2, 5.64S, 152.17E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/17, mbtmp3.5/4, Error ellipse: s-maj=125.4km s-min=28.4km az=129.0, New Britain region

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

IDC 27 06:21:36.0.1.5, 5.23N, 93.16E, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.8/23, mbtmp4.0/7, Error ellipse: s-maj=78.7km s-min=27.7km az=55.0, Off west coast of northern Sumatra

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

IDC 27 06:23:43.6.0.8, 3.56N, 128.70E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.8/21, mbtmp3.8/9, Error ellipse: s-maj=45.4km s-min=15.7km az=71.0, North of Halmahera

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, etc.

SZGRF 27 06:40:33.9, 12.31N, 123.58E, h33km, mb5.2, Luzon, Philippine Islands, NEIC 27 06:40:42.6.0.2, 13.53N, 120.63E, h10km, mb5.1/74, MS4.3/1, Error ellipse: s-maj=5.9km s-min=4.0km az=70.0

NEIC Feit III PIVS at Calapan and II PIVS at Puerto Galera. MOS 27 06:40:44.6.0.7, 13.56N, 120.63E, h33km, mb5.3/50, MS4.3/5, Error ellipse: s-maj=14.3km s-min=5.0km az=122.8

MAN 27 06:40:45.13.38N, 120.28E, h37km, mb5.4, ML4.4, MS4.6, MAN INTENSITY III - CALAPAN; INTENSITY II - QUEZON CITY

IDC 27 06:40:45.8.2.0, 13.49N, 120.46E, h30km, 14km, mb4.5/19, mb1 4.6/19, mb1mx4.6/23, mbtmp4.5/19, MS4.0/13, Ms1 4.0/13, ms1mx3.8/29, Error ellipse: s-maj=18.1km s-min=10.1km az=67.0

GCMT 27 06:40:45.8.0.3, 13.48N, 120.37E, h14km, 1km, MW4.8, Moment Tensor Solution, s16, c18; s69, c98; Moment tensor: Scale 10^19Nm; Mr=2.09; 2.0; Mw=1.22; 1.2; Mw=0.87; 1.3; Mw=0.36; 3.0; Mw=1.21; 0.7; Mw=0.58; 3.1; Best double couple: M=2.30000E+10, N1=0.66, 0.00000, 0.46, 0.00000, lambda=65.00000, NP2=0.212, 0.00000, 0.49, 0.00000, lambda=113.00000, Principal axes: T 2.2700, Plg2.0000, Azm319.0000, N 0.0300, Plg18.0000, Azm228.0000, -2.3100, Plg72.0000, Azm54.0000; Data Used: IUJIC G II, CN

ISCJB 27 06:40:47.4.0.4, 13.44N, 0.02, 120.50E, 0.04, h58km, 3km, mb5.0/137, MS4.1/28, Error ellipse: s-maj=5.7km s-min=3.5km az=122.8

DJA 27 06:40:51.13.41N, 119.92E, h30km, mb5.0/18, BUJ 27 06:40:55.4, 13.66N, 120.39E, h117km, mb5.0/27, mb4.7/39

ISC 27 06:40:49.3.0.4, 13.46N, 0.02, 120.50E, 0.03, h61km, 3km, h114km, 3.2km; pP, N381, 0.690/378, mb5.0/137, 24C-15D, Mindoro

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RCP Roxas, BCPH Baquio City Da, etc.

IDC 27 06:05:04.7.1.1, 13.26N, 120.20E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/21, mbtmp3.6/4, Error ellipse: s-maj=23.9km s-min=12.6km az=117.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MRSI Maris, LUWI Luwik, etc.

IDC 27 06:21:12.5.2.2, 5.64S, 152.17E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/17, mbtmp3.5/4, Error ellipse: s-maj=125.4km s-min=28.4km az=129.0, New Britain region

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

IDC 27 06:21:36.0.1.5, 5.23N, 93.16E, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.8/23, mbtmp4.0/7, Error ellipse: s-maj=78.7km s-min=27.7km az=55.0, Off west coast of northern Sumatra

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

IDC 27 06:23:43.6.0.8, 3.56N, 128.70E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.8/21, mbtmp3.8/9, Error ellipse: s-maj=45.4km s-min=15.7km az=71.0, North of Halmahera

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, etc.

SZGRF 27 06:40:33.9, 12.31N, 123.58E, h33km, mb5.2, Luzon, Philippine Islands, NEIC 27 06:40:42.6.0.2, 13.53N, 120.63E, h10km, mb5.1/74, MS4.3/1, Error ellipse: s-maj=5.9km s-min=4.0km az=70.0

NEIC Feit III PIVS at Calapan and II PIVS at Puerto Galera. MOS 27 06:40:44.6.0.7, 13.56N, 120.63E, h33km, mb5.3/50, MS4.3/5, Error ellipse: s-maj=14.3km s-min=5.0km az=122.8

MAN 27 06:40:45.13.38N, 120.28E, h37km, mb5.4, ML4.4, MS4.6, MAN INTENSITY III - CALAPAN; INTENSITY II - QUEZON CITY

IDC 27 06:40:45.8.2.0, 13.49N, 120.46E, h30km, 14km, mb4.5/19, mb1 4.6/19, mb1mx4.6/23, mbtmp4.5/19, MS4.0/13, Ms1 4.0/13, ms1mx3.8/29, Error ellipse: s-maj=18.1km s-min=10.1km az=67.0

GCMT 27 06:40:45.8.0.3, 13.48N, 120.37E, h14km, 1km, MW4.8, Moment Tensor Solution, s16, c18; s69, c98; Moment tensor: Scale 10^19Nm; Mr=2.09; 2.0; Mw=1.22; 1.2; Mw=0.87; 1.3; Mw=0.36; 3.0; Mw=1.21; 0.7; Mw=0.58; 3.1; Best double couple: M=2.30000E+10, N1=0.66, 0.00000, 0.46, 0.00000, lambda=65.00000, NP2=0.212, 0.00000, 0.49, 0.00000, lambda=113.00000, Principal axes: T 2.2700, Plg2.0000, Azm319.0000, N 0.0300, Plg18.0000, Azm228.0000, -2.3100, Plg72.0000, Azm54.0000; Data Used: IUJIC G II, CN

ISCJB 27 06:40:47.4.0.4, 13.44N, 0.02, 120.50E, 0.04, h58km, 3km, mb5.0/137, MS4.1/28, Error ellipse: s-maj=5.7km s-min=3.5km az=122.8

DJA 27 06:40:51.13.41N, 119.92E, h30km, mb5.0/18, BUJ 27 06:40:55.4, 13.66N, 120.39E, h117km, mb5.0/27, mb4.7/39

ISC 27 06:40:49.3.0.4, 13.46N, 0.02, 120.50E, 0.03, h61km, 3km, h114km, 3.2km; pP, N381, 0.690/378, mb5.0/137, 24C-15D, Mindoro

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







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

27d 07:10:43.3-1.0, 13:25N-120:21E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.7/21, mbtmp3.9/5, Error ellipse: s-maj=21.4km s-min=12.3km az=118.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

NEIC 27 07:13:27.5, 16:90N-94:26W, h137km, MD3.9(MEX), After MEX.

MEX 27 07:13:27.5-1.2, 16:90N-94:26W, h137km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG Matias Romero, TGIG Tlaxiaco, PCIG Pico Tres Padr, etc.

27d 07:20:52.8-0.7, 2:17N-126:63E, h0km, mb4.2/12, mb1 4.3/12, mb1mx4.2/18, mbtmp4.2/12, Error ellipse: s-maj=41.9km s-min=14.7km az=70.0

NEIC 27 07:20:52.8-0.4, 2:16N-126:66E, h35km, mb4.3/6, Error ellipse: s-maj=24.3km s-min=7.0km az=64.0

DJA 27 07:20:57.2:35N-126:89E, h6km, MLv4.4/6

ISCJB 27 07:21:00.3-0.8, 2:22N:07:126:75E:0.10, h7km, mb2.8km, mb4.2/16, Error ellipse: s-maj=18.5km s-min=6.9km az=148.4

ISC 27 07:21:01.2-0.8, 2:20N:07:126:75E:0.11, h67km, g8km, n26, +0597/23, mb4.2/16, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI Ternate, SGSI Sangihe, MNI Manado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK Kurchatov, BVAR Borovoye Array, ABKAR Akbulak array, etc.

NNC 27 07:25:21.1-2.7, 41:87N-78:25E, h0km, mb3.5, mpv3.2, 5C-17, Error ellipse: s-maj=21.9km s-min=15.3km az=78.0, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KNDC Almaty, KNDC 176nm,0.6s, TKMC Tokmak 2, etc.

27d 07:35:00.7-1.5, 13:34N-120:22E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.6/21, mbtmp4.0/3, Error ellipse: s-maj=34.7km s-min=16.9km az=106.0

ISCJB 27 07:35:02.7-1.0, 13:44N:07:120:28E:0.08, h25km, 12km, mb4.0/3, Error ellipse: s-maj=14.6km s-min=9.6km az=40.2

MAN 27 07:35:02.13:64N-120:22E, h33km, mb4.4, ML3.2, MS3.1

ISC 27 07:35:02.6-1.3, 13:40N:08:120:33E:0.08, h13km, 12km, n11, +0979/13, mb4.0/3, D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUBP Lubang, TGy Tagaytay City, BUSP Coron, etc.

27d 07:43:12.9-1.4, 13:31N-120:30E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/21, mbtmp3.9/3, Error ellipse: s-maj=32.7km s-min=11.6km az=114.0

MAN 27 07:43:13, 13:65N-120:19E, h46km, mb4.3, ML3.1, MS2.9

ISCJB 27 07:43:14, 3:1.2, 13:45N:0:06:120:31E:0.07, h14km, 9km, mb4.0/3, Error ellipse: s-maj=13.2km s-min=8.2km az=30.0

ISC 27 07:43:14.8-1.3, 13:42N:0:05:120:37E:0.08, h10km, 11km, n9, +0951/11, mb4.0/3, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUBP Lubang, TGy Tagaytay City, BUSP Coron, etc.

27d 07:53:51.7-9.2, 30:95S-179:24W, h411km, 111km, mb2.8/2, mb1 2.9/3, mb1mx2.8/16, mbtmp2.9/3, Error ellipse: s-maj=110.2km s-min=49.6km az=176.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

27d 07:56:42.5-1.4, 1:87S-126:44E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.7/18, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=171.8km s-min=21.3km az=66.0, Southern Molucca Sea

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

NEIC 27 08:00:25.9, 16:46N-100:19W, h13km, MD3.7(MEX), After MEX.

MEX 27 08:00:25.9-0.7, 16:46N:100:19W, h13km, 17km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

27d 08:28:26.1-1.0, 39:22N-117:20E, h2km, ML3.9/4, Error ellipse: s-maj=3.0km s-min=2.7km az=174.0

ROM 27 08:28:27.1-0.2, 39:18N:117:21E, h10km, ML3.6/28, Error ellipse: s-maj=4.0km s-min=2.2km az=109.0

PDG 27 08:27:30.0-8.9, 39:17N:117:27E, h20km, 2km, ML4.0/9, Error ellipse: s-maj=1.2km s-min=1.4km az=0.0

NEIC 27 08:28:29.8-1.4, 39:35N:115:53E, h0km, mb3.8/3, MD3.6(ROM), After ROM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MZVM Pico Tres Padr, VHO Vista Hermosa, etc.

27d 08:04:17.9-0.7, 31:81S-68:74W, h0km, mb3.9/5, mb1 4.1/8, mb1mx4.0/16, mbtmp3.8/8, ML3.9/3, Error ellipse: s-maj=21.1km s-min=8.0km az=155.0

GUC 27 08:04:21.7-0.8, 31:71S:68:75W, h2km, 5km, ML4.1

ISCJB 27 08:04:22.1-0.6, 31:68S:0:03:68:37W:0.05, h40km, 6km, mb3.9/6, Error ellipse: s-maj=7.6km s-min=5.1km az=129.8

NEIC 27 08:04:22.6-0.8, 31:69S:68:43W, h27km, 7km, mb4.1/2, MD3.8(SJA), ML4.1(GUC), Error ellipse: s-maj=8.6km s-min=6.6km az=114.0

NEIC Felt [III] at San Juan.

ISC 27 08:04:22.6-0.8, 31:68S:0:04:68:40W:0.05, h27km, 7km, n51, +019/68, mb3.9/6, 3C-2D, San Juan Province

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CFAA Coronel Fontan, CFAA 154nm,0.3s, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JACH Jahuel, FCH Farellones, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCH Peldehue, CFAA 31nm,0.3s, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LACH Col Las Americ, FCH Penalolen, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TLL Tololo Astrono, TLL Tololo Astrono, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROCH El Roble, ROCH El Roble, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OVCH Ovalle, OVCH Ovalle, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCH Pirque, PCH Pirque, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LMEL Las Melosas, LMEL Las Melosas, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHNG Los Chungos, CHNG Los Chungos, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TACH Talagante, TACH Talagante, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IHA Instituto Hidr, IHA Instituto Hidr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CACH El Canelo, CACH El Canelo, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Las Campanas, LCO Las Campanas, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRQA Torquinst, TRQA Torquinst, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPUP Villa Florida, CPUP Villa Florida, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPUP Villa Florida, CPUP Villa Florida, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRGR Grenville, GRGR Grenville, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kasperke Hory, MOX, ROTZ, GERESS Array S, etc.

ISK 27 10:59:31.6, 36.565N, 28.98E, h17km, MD3.1
ISCJB 27 10:59:32.8, 0.7, 36.58N, 0.05, 28.99E, 0.04, h22km, 6km, Error ellipse: s-maj=8.3km s-min=5.5km az=21.8

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

ISC 27 11:00:35.7, 1.5, 13.18N, 120.61E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/1, mbtmp3.4/3, Error ellipse: s-maj=48.7km s-min=12.1km az=99.0, Mindoro

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

ISC 27 11:00:40.1, 1.4, 6.75S, 154.03E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/16, mbtmp3.7/7, Error ellipse: s-maj=55.3km s-min=21.5km az=125.0, Bougainville - Solomon Islands region

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

CASC 27 11:53:00.3, 2.2, 13.54N, 90.55W, h37km, 173km, MD3.6, 1C, Near coast of Guatemala

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

MAN 27 12:14:16, 13.66N, 120.21E, h35km, mb4.1, ML2.9, MS2.6, 1D, Mindoro

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

ISC 27 12:35:55.9, 1.3, 3.21N, 120.51E, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.5/21, mbtmp3.8/3, MS3.5/1, M1 3.5/1, ms1mx2.7/38, Error ellipse: s-maj=31.3km s-min=11.0km az=107.0

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

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

ISC 27 12:39:34.4, 1.2, 13.29N, 120.39E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/21, mbtmp3.6/4, Error ellipse: s-maj=26.0km s-min=11.1km az=114.0, Mindoro

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

NEIC 27 12:49:26.5, 54.30N, 162.20W, h29km, ML3.8(PMR), ML3.3(AE/C), After AE/C, Alaska Peninsula region

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

ISC 27 12:49:54.9, 1.1, 12.64N, 143.78E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/22, mbtmp3.7/5, Error ellipse: s-maj=28.0km s-min=18.7km az=121.0, South of Mariana Islands

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

MAN 27 12:56:47, 13.54N, 120.81E, h123km, mb4.8, ML3.7, MS3.7, 1C, Mindoro

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

ISC 27 13:02:02.6, 1.6, 13.32N, 120.25E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/21, mbtmp3.7/3, Error ellipse: s-maj=35.1km s-min=12.1km az=117.0, Mindoro

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

ISC 27 13:11:40.4, 8.8, 31.71S, 179.82W, h372km, 100km, mb2.5/2, mb1 2.9/3, mb1mx2.6/16, mbtmp2.8/3, Error ellipse: s-maj=112.7km s-min=34.8km az=5.0

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



Table with columns: BKZ, Black Stump Fm, 7.73 201, PN, P, 13 13 35.6 -1.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: TKM2, 22m,0.6s, 2.85 30 P, Sn, 13 41 37.3 -0.5, etc.

IDC 27 13:45:55.1±1.1, 13°19'N:120°47'E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/21, mbtmp3.8/4, MS3.7/1, Ms1 3.6/1, ms1mx2.7/29, Error ellipse: s-maj=27.0km s-min=11.2km az=107.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

MAN 27 14:22:05, 17°01'N:121°52'E, h32km, mb4.5, ML3.3, MS3.2, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 14:38:01.9±1.6, 13°29'N:120°20'E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/21, mbtmp3.6/3, Error ellipse: s-maj=35.0km s-min=12.4km az=117.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 14:42:43.3±1.7, 13°24'N:120°10'E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/21, mbtmp3.4/3, Error ellipse: s-maj=36.6km s-min=14.4km az=118.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 14:58:08.4±1.0, 49°36'N:178°35'W, h0km, mb3.8/1, mb1 4.1/1, mb1mx3.8/30, mbtmp3.9/13, ML4.1/2, Error ellipse: s-maj=28.4km s-min=20.5km az=143.0

ISCJB 27 14:58:10.2±4.7, 50°00'N:0°178'3W, 0.1, h24km, 33km, mb3.7/12, Error ellipse: s-maj=28.8km s-min=14.7km az=166.9

NEIC 27 14:58:12.5±4.0, 49°39'N:178°32'W, h27km±27km, ML3.2(AIC), Error ellipse: s-maj=19.3km s-min=10.5km az=160.0

ISC 27 14:58:12.6±4.7, 49°39'N:0°2-178°3W, 0.1, h28km, 33km, n18, c0574/17, mb3.7/12, South of Aleutian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 14:58:33.7±1.0, 13°29'N:120°30'E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.7/22, mbtmp3.8/6, Error ellipse: s-maj=20.1km s-min=11.6km az=119.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: BVAR, Borovoye Array, 55.89 326 P, P, 15 08 13.6 +0.5, etc.

IDC 27 14:59:34.2±1.2, 13°43'N:120°13'E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/22, mbtmp3.6/4, 1C, Error ellipse: s-maj=24.2km s-min=12.7km az=128.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 27 15:09:13.7±0.4, 35°40'S:0°070-90E, 0.1, h10km, mb4.3/26, MS3.5/5, Error ellipse: s-maj=13.9km s-min=9.6km az=10.9

IDC 27 15:10:14.2±0.8, 35°33'S:90°46'E, h0km, mb4.0/10, mb1 4.1/10, mb1mx4.0/16, mbtmp4.0/10, MS3.5/5, Ms1 3.4/5, ms1mx3.2/27, Error ellipse: s-maj=28.3km s-min=17.4km az=115.0

NEIC 27 15:09:15.6±0.4, 35°32'S:90°46'E, h10km, mb4.5/13, Error ellipse: s-maj=13.0km s-min=10.0km az=98.0

ISC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:09:15.7±0.4, 35°38'S:0°070-5E, 0.1, h10km, n37, c086/32, mb4.3/26, MS3.5/5, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 27 15:22:22.0±4.0, 62°17'N:0°149-143E, 0.08, h33km, mb4.2/21, Error ellipse: s-maj=14.9km s-min=8.5km az=147.0

NEIC 27 15:22:23.9±1.9, 12°73'N:143°81'E, h36km±19km, mb4.5/10, Error ellipse: s-maj=15.8km s-min=11.5km az=92.0

BUI 27 15:22:30.1, 13°51'N:143°37'E, h35km, MB5.4/6, mb4.9/9

ISC 27 15:22:24.3±0.6, 12°72'N:0°099-143E, 0.08, h35km, n25, c099/24, mb4.2/21, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.





27d 17h

2008 SEP

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like WMOK, WMOG, Z27A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like S19A, PV01, R18A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like E16A, C19A, D17A, etc.

ISCJB 27 17:03:29.7±0.5, 39.83N±0.003, 22°87E±0.04, h27km±5km, Error ellipse: s-maj=6.6km s-min=4.4km az=136.4

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Litokhoron, Neokhori, Paliouri, etc.

IDC 27 17:30:32.3±0.6, 11°30N±124.24E, h0km, mb4.2/16, mb1.4/17, mb1mx4.3/24, mbtmp4.2/17, ML4.4/1, MS3.8/11, s-min=12.2km az=74.0, Error ellipse: s-maj=26.0km









28d Oh

Table with columns: WB2, SONM, ASAR, MKAR, ZALV, ARCES. Includes station names, coordinates, and time/res data.

NEIC 27 22:51:12.62 ± 1.24, 09N:121.78E, h10km, Error ellipse: s-maj=26.5km s-min=8.3km az=93.0

TAP 27 22:51:13.24 ± 1.21, 11N:121.71E, h8km, ML3.8, C

ISC 27 22:51:13.5 ± 0.5, 24.09N:0102-121.77E, h2km, 5km, n50, c082/79, 4C-3D, Taiwan

Main station list table for 28d Oh. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiawan, Ninganchiao, Hwaiien, Heping Village, etc.

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NEIC 27 23:07:26.74, 34.71N:72.34W, h7km, ML3.0(GUC), After 7/23/07

GUC 27 23:07:26.7 ± 0.7, 34.71N:72.34W, h7km, gkm, MD3.5, ML3.0, 4C, Near coast of central Chile

Station list table for 2008 SEP (Chile). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Talca, Longovilo, El Canelo, etc.

CSEM 27 23:09:20.7 ± 0.7, 38.13N:20.23E, h2km, MD3.5, Error ellipse: s-maj=12.8km s-min=7.4km az=57.0

THE 27 23:09:20.0, 37.98N:20.24E, h0km, 3km, ML2.3/1, Error ellipse: s-maj=4.1km s-min=1.9km az=205.0

ATH 27 23:09:20.4, 38.12N:20.21E, h5km, 1km, MD3.5/8

ISC 27 23:09:21.4 ± 1.0, 38.16N:0.04, 20.25E, h10km, Error ellipse: s-maj=7.7km s-min=4.2km az=141.1

ISCJ 27 23:09:19.9 ± 1.3, 38.10N:0.05, 20.16E, h2km, 7km, n27, c053/50, Greece

Station list table for 2008 SEP (Greece). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Valsamata, Anninata, Lefkada island, etc.

NIED 27 23:42:00, 36.40N:141.00E, h35km, Mw3.6 Best double couple: M=2.67000x10^14 NP1:0.6, 0.00000°, 0.79, 0.00000°, 1.75, 0.00000°, NP2:0.240, 0.00000°, 0.819, 0.00000°, 0.143, 0.00000°

ISCJB 27 23:42:31.1 ± 0.9, 36.41N:141.120E, h45km, 9km, mb3.4/5, Error ellipse: s-maj=11.3km s-min=5.5km az=24.4

JMA 27 23:42:32.8 ± 0.1, 36.40N:141.03E, h47km, 1km, M3.7

JMA Feil J1

ISC 27 23:42:32.9 ± 1.9, 36.39N:141.17E, h44km, 19km, mb3.3/5, mb1.3.5/9, mb1mx3.4/27, mbtmp3.5/9, ML3.4/3, Error ellipse: s-maj=17.0km s-min=11.7km az=82.0

NEIC 27 23:42:33.9 ± 1.7, 36.34N:141.08E, h54km, 14km, MG3.7(JMA), Error ellipse: s-maj=22.5km s-min=13.0km az=141.0

ISC 27 23:42:33.0 ± 0.8, 36.42N:0.04, 141.10E, h38km, 9km, n20, c093/30, mb3.4/5, ND, Near east coast of eastern Honshu

Station list table for 2008 SEP (Japan). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hitachi, Iwakimizuishi, Yasato, etc.

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Station list table for 1154. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ, KRSR, SONM, ZALV, etc.

DJA 27 23:51:05, 1.06N:98.74E, h20km, MLV3.6/4, Northern Sumatera

Station list table for 1154 (Sumatera). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNSI, PPI, BKNI, PDSI, etc.

IDC 27 23:53:36.8 ± 2.0, 57S:130.41E, h0km, mb3.3/1, mb1.3.5/4, mb1mx3.4/15, mbtmp3.3/4, ML3.1/3, Error ellipse: s-maj=76.3km s-min=28.2km az=77.0, Banda Sea

Station list table for 1154 (Banda Sea). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, WRA, ASAR, MKAR, etc.

ISCJB 27 23:54:50.8 ± 0.4, 40.22N:0.02, 23.47E, h10km, 4km, Error ellipse: s-maj=4.6km s-min=3.3km az=169.9

THE 27 23:54:51.7, 40.25N:23.49E, h11km, 1km, ML2.1/9, Error ellipse: s-maj=1.2km s-min=0.6km az=184.0

ATH 27 23:54:51.1, 40.22N:23.36E, h17km, 1km, MD3.3/8

CSEM 27 23:54:51.3 ± 0.2, 40.21N:23.44E, h15km, ML2.1/9, Error ellipse: s-maj=5.4km s-min=4.5km az=96.0

ISC 27 23:54:51.4 ± 0.4, 40.22N:0.02, 23.47E, h12km, 4km, n40, c08/67, 2C, Greece

Station list table for 1154 (Greece). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLG, PAIG, OUR, HORT, etc.

ISCJB 28 00:02:20.2 ± 0.2, 49.31N:0.01, 6.74E, h0km, Error ellipse: s-maj=1.9km s-min=1.6km az=3.2

CSEM 28 00:02:21.3 ± 0.1, 49.32N:6.75E, h1km, ML3.1/16, Error ellipse: s-maj=2.1km s-min=1.8km az=114.0

BGR 28 00:02:22.0 ± 0.2, 49.36N:6.81E, h1km, ML2.6/5, Error ellipse: s-maj=2.2km s-min=2.2km az=53.0

STR 28 00:02:22.3 ± 0.2, 49.33N:6.80E, h1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

BNS 28 00:02:22.4 ± 1.3, 49.33N:6.86E, h2km, 12km, ML2.4

NEIC 28 00:02:22.1, 49.33N:6.79E, h1km, ML3.0(LDG), ML2.7(STR), ML2.6(SZGRF), After STR

LDG 28 00:02:22.6 ± 0.1, 49.34N:6.79E, h1km, M2.9/3, M3.0/23, Error ellipse: s-maj=1.0km s-min=0.9km az=114.0, Suspected Mining induced.

PRU 28 00:02:26.3, 49.37N:7.06E, h18km

VIE 28 00:02:26.2 ± 0.6, 49.34N:7.19E, h9km, 2km, ML2.6/3, Error ellipse: s-maj=3.6km s-min=2.9km az=76.0 18 km NE of Saarbrücken

Station list table for 1154 (Germany). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUP, RUP, etc.







Table with columns: MORF, Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like PCVE Castro Verde, ECAB EI Cabril, PTEO Sao Teotonio, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like PMRV Marv??o, ALMR Almeirim, PMAFR Mafrá, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like EMAZ Mazaricos, EARI Arriondas, EPON Pontenova, etc.

NIED 28 02:20:00,39:20N:140:90E,h5km,Mw3.6 Best double couple: M2:60000x1014 NP1:185,00000,850,000000,184,000000 NP2:14,000000,19,000000,197,000000
ISCJ28 02:20:44.0,0.5,39:18N:0:03:140:92E:0,04,h9km,4km,mb3.6,Error ellipse: s-maj=4.7km s-min=4.4km az=48.0
IDC 28 02:20:44.0,0.1,39:05N:141:10E,h0km,mb3.5/4,mb1.3,9.6,mb1mx3.6/24,mbtmp3.6/6,ML3.3,Error ellipse: s-maj=43.3km s-min=17.6km az=125.0
JMA 28 02:20:44.3,39:19N:140:91E,h8km,1km,M3.5 JMA Feil JJ1
NEIC 28 02:20:46.0,0.9,39:04N:141:21E,h10km,MG3.5(JMA), Error ellipse: s-maj=73.8km s-min=9.6km az=129.0
ISC 28 02:20:44.7,0.5,39:18N:0:03:140:92E:0,03,h1km,5km,n17,c081/26,mb3.6/4,1C-4D,Eastern Honshu

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, s, Res. Includes entries like JRG Rokugo, JRM Ichinoseki, etc.

28d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAJO Matsushiro, MJAR Matsushiro, ASAJ Ashikawa, etc.

IDC 28 02:32:26.8-2.1, 9.19N-141.44E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/20, mbtmp3.5/3, Error ellipse: s-maj=290.0km s-min=29.0km az=108.0, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

CRAAG 28 02:36:06.4, 36.616N-2.122E, M3.8 MDD 28 02:36:09.6, 36.699N-2.066E, h0km, mb4.0/13, Error ellipse: s-maj=5.8km s-min=5.2km az=147.0, PRXIMO

CSEM 28 02:36:09.4, 0.3, 36.676N-2.066E, h10km, M3.8, Error ellipse: s-maj=6.5km s-min=5.3km az=140.0

NEIC 28 02:36:11.8, 36.866N-2.056E, h0km, MG4.0(MDD), After MDD

ISC 28 02:36:09.6, 0.8, 36.747N-0.06205E, h11km, 10km, n83, r145/130, Northern Algeria

Main table for 28d 3h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EBNR Beni Rached, ABA Alger-Bouzarea, EBEN Beniarda, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFON Fontmartina, ELUO Luque, EMIR Miracle, etc.

ISCJB 28 02:45:21.3-2.1, 11.54S-0.09-166.3E-0.1, h132km, 18km, mb4.0/12, Error ellipse: s-maj=20.7km s-min=12.4km az=156.5

IDC 28 02:45:21.1-1.2, 11.39S-166.36E, h118km, 8km, mb3.8/10, mb1 4.0/11, mb1mx3.8/20, mbtmp3.8/11, MS2.8/1, Ms1 2.8/1, ms1mx2.4/25, Error ellipse: s-maj=27.4km s-min=17.5km az=139.0

NEIC 28 02:45:23.6-2.6, 11.38S-166.31E, h140km, 21km, mb4.4/3, Error ellipse: s-maj=22.4km s-min=15.4km az=121.0

ISC 28 02:45:21.6-1.9, 11.51S-0.09-166.4E-0.1, h121km, 15km, h122km, 4.9km, p-P, n23, r102/23, mb4.1/12, Santa Cruz Islands

Main table for 2008 SEP section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, CTAO Charters Tower, etc.

IDC 28 03:06:45.9-6.7, 24.94S-179.76E, h506km, 81km, mb3.1/6, mb1 3.4/7, mb1mx3.2/17, mbtmp3.1/7, Error ellipse: s-maj=63.2km s-min=24.6km az=5.0

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Error ellipse: s-maj=35.0km s-min=19.1km az=186.0 ISCJB 28 03:06:49.0, 3.2, 25.3S-0.2-179.7E-0.2, h562km, 38km, mb3.6/7, Error ellipse: s-maj=32.7km s-min=23.0km az=25.9

ISC 28 03:06:49.0, 3.1, 25.1S-0.2-179.8E-0.2, h553km, 36km, n13, r107/12, mb3.5/7, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, CTAR Charters Tower, ASAR Alice Springs, etc.

ISK 28 03:26:07.0, 36.09N-28.00E, h7km, ML2.6 ATH 28 03:26:08.9, 36.29N-28.09E, h26km, 1km, MD3.2/4

ISCJB 28 03:26:09.9, 0.6, 36.20N-0.04-28.00E-0.04, h11km, 5km, s-maj=7.0km s-min=4.6km az=144.4

CSEM 28 03:26:09.5, 0.5, 36.20N-28.00E, h10km, MD3.2, Error ellipse: s-maj=12.0km s-min=9.0km az=163.0

DDA 28 03:26:15.0, 36.47N-28.18E, h7km, 7km, Md3.0 ISC 28 03:26:10.6, 0.6, 36.20N-0.04-28.00E-0.04, h12km, 4km, n28, r133/41, 2C, Dodecanese Islands

Main table for 1158 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, DAT Data, TURN Turunc, etc.

ISCJB 28 03:31:24.5, 0.4, 37.95N-0.02-21.52E-0.02, h7km, 3km, Error ellipse: s-maj=3.3km s-min=3.1km az=151.0

ATH 28 03:31:24.0, 37.99N-21.48E, h26km, MD3.5/1 CSEM 28 03:31:25.2, 0.2, 37.96N-21.52E, h20km, MD3.5, Error ellipse: s-maj=4.3km s-min=4.1km az=72.0

THE 28 03:31:25.0, 37.97N-21.54E, h50km, 1km, M3.0/12, Error ellipse: s-maj=1.9km s-min=0.6km az=235.0

ISC 28 03:31:25.2, 0.4, 37.96N-0.02-21.53E-0.02, h12km, 3km, n51, r194/106, Southern Greece

Main table for 1158 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RLS Rioliol of Patr, UPR University Cam, LAKA Lakka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Desfina, Evrytania, PYLOS, Lefkada island, etc.

IDC 28:03:49:54.4, 5.6, 23.95N, 108.47W, h0km, mb3.1/1, mb1 3.7/3, mb1mx3.2/3, mbtmp3.2/3, ML3.4/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/15, Error ellipse: s-maj=85.2km s-min=27.4km az=150.0, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lajitas Array, Matias Romero, Mina Array Bea, etc.

ISCJB 28:04:33:09.8, 4.5, 1.5N, 0.2, 124.8E, 0.5, h249km, 44km, mb3.7/8, Error ellipse: s-maj=90.3km s-min=13.3km az=155.9

NEIC 28:04:33:11.0, 5.0, 7.1, 45N, 124.85E, h250km, mb3.7/2, Error ellipse: s-maj=60.5km s-min=10.0km az=68.0

IDC 28:04:33:15.0, 3.1, 1.35N, 124.68E, h289km, 31km, mb3.4/6, mb1 3.4/7, mb1mx3.2/21, mbtmp3.3/7, Error ellipse: s-maj=71.0km s-min=10.2km az=67.0

ISC 28:04:33:13.9, 3.8, 1.4N, 0.2, 124.8E, 0.5, h273km, 37km, n11, c059/12, mb3.6/8, Minahassa Peninsula, Sulawesi

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

CSEM 28:04:38:56.5, 0.2, 42.73N, 46.36E, h5km, mb3.9, Error ellipse: s-maj=6.8km s-min=2.8km az=17.0

MOS 28:04:38:57.1, 1.9, 42.74N, 46.43E, h21km, mb3.9/1, Error ellipse: s-maj=12.5km s-min=6.7km az=24.3

ISC 28:04:38:56.9, 0.4, 42.68N, 0.03, 46.33E, 0.03, h8km, 5km, n43, c1908/76, 7C-3D, Eastern Caucasus

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

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

IDC 28:04:43:37.3, 2.4, 54.22N, 86.37E, h0km, mb1 3.4/1, mb1mx3.0/25, mbtmp3.4/1, ML3.4/1, Error ellipse: s-maj=19.6km s-min=2.0km az=74.0

ISC 28:04:43:41.7, 2.6, 54.1N, 86.2E, 0.2, h10km, n5, c1933/8, 3C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALVOV BEAM, KURCHATOV, MK31, etc.

HLW 28:05:07:50.2, 34.92N, 28.61E, h33km, 41km, Md3.3, ISCJB 28:05:07:51.9, 0.8, 34.64N, 0.04, 28.9E, 0.1, h33km, Error ellipse: s-maj=13.0km s-min=5.0km az=167.7

CSEM 28:05:08:06.6, 36.07N, 28.39E, h7km, Md2.9, After DDA DDA 28:05:08:06.6, 36.07N, 28.39E, h7km, 6km, Md2.9

ISC 28:05:07:53.4, 0.8, 34.69N, 0.04, 28.8E, 0.1, h35km, n13, c1511/21, Eastern Mediterranean Sea

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

ISC 28:05:11:47.8, 2.4, 27.65S, 176.33W, h0km, mb3.8/6, mb1 4.1/6, mb1mx4.0/14, mbtmp3.8/6, MS3.9/5, Ms1 3.9/5, s-minmx3.4/26, Error ellipse: s-maj=97.0km s-min=31.4km az=156.0, Kermadec Islands region

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

BJI 28:05:40:18.6, 0.585S, 121.99E, h217km, mb4.6/6, ISCJB 28:05:40:23.4, 0.7, 0.25N, 0.06, 121.61E, 0.07, h194km, 7km, mb4.2/26, Error ellipse: s-maj=12.5km s-min=9.0km az=159.0

IDC 28:05:40:26.4, 3.8, 0.24N, 121.60E, h208km, 39km, mb3.8/14, mb1 3.8/15, mb1mx3.8/21, mbtmp3.7/15, Error ellipse: s-maj=22.1km s-min=10.0km az=70.0

NEIC 28:05:40:27.2, 2.2, 0.20N, 121.57E, h182km, 23km, mb4.5/12, Error ellipse: s-maj=13.1km s-min=6.1km az=53.0

DJA 28:05:40:35.0, 4.44N, 121.97E, h39km, ML4.6/3, ISC 28:05:40:24.5, 0.7, 0.23N, 0.06, 121.60E, 0.08, h187km, 7km, n43, c072/44, mb4.3/26, Minahassa Peninsula, Sulawesi

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

IDC 28:05:58:32.5, 1.0, 13.47N, 120.64E, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.9/22, mbtmp4.0/7, Error ellipse: s-maj=55.8km s-min=17.4km az=62.0

NEIC 28:05:58:34.0, 0.5, 13.48N, 120.69E, h10km, mb4.3/2, Error ellipse: s-maj=21.3km s-min=9.2km az=60.0

MAN 28:05:58:33.1, 3.41N, 120.34E, h14km, mb4.6, ML3.5, MS3.4, ISCJB 28:05:58:37.3, 1.0, 13.35N, 0.06, 120.4E, 0.1, h49km, 11km, mb4.1/9, Error ellipse: s-maj=17.2km s-min=9.5km az=178.1

ISC 28:05:58:38.3, 1.1, 13.34N, 0.06, 120.5E, 0.1, h41km, 13km, n20, c083/21, mb4.1/9, Mindoro

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

IDC 28:06:12:10.6, 3.2, 10.91N, 121.77E, h0km, mb3.7/2, Error ellipse: s-maj=392.2km s-min=26.2km az=62.0, Panay

WRA Warramunga Arr 35.78 157 P 0.7nm, 0.7s, mb3.3, bazz=337, slow=9.5, SNR=5.9

ASAR Alice Springs 36.06 168 P 0.6nm, 0.5s, mb3.3, bazz=339, slow=10.6, SNR=5.8

WEL 28:06:20:01.8, 0.2, 39.74S, 174.05E, h151km, 2km, ML3.6/11, Error ellipse: s-maj=1.3km s-min=0.7km az=90.0, North Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like NWEZ, PKE, DREZ, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like APG, RTR, SBLS, etc.

28d 06:40:20.5-2.6, 30.11N-82.08E, h0km, mb3.7/5,

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

IDC 28:07:36.49.4-0.9, 13.530N, 120.70E, h0km, mb3.9/8,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TGY, BUSH, BOAC, etc.

28d 06:40:20.5-2.6, 30.11N-82.08E, h0km, mb3.7/5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like 627A, TXAR, ROSA, etc.

28d 06:45:42.8-0.6, 52.49N, 161.69E, h16km, ML4.2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SPN, AVKH, KIL, etc.

IDC 28:08:04:47.4-1.2, 14.00N, 121.97E, h0km, mb3.7/4,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TGY, WRA, SONM, etc.

28d 06:45:42.8-0.6, 52.49N, 161.69E, h16km, ML4.2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like 225A, SWET, 125A, etc.

28d 07:33:35.0-0.7, 40.71N, 120.57E, h7km, ML1.9, ML2.3

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

28d 07:50:2.39, 14N, 27.57E, h13km, MD2.7

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

28d 06:45:42.8-0.6, 52.49N, 161.69E, h16km, ML4.2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AMTX, AMTX, Z24A, etc.

28d 07:33:35.0-0.7, 40.74N, 120.64E, h04km, mb3km,

28d 08:10:07.6-1.4, 13.33N, 120.04W, h0km, 9km,

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

28d 06:45:42.8-0.6, 52.49N, 161.69E, h16km, ML4.2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WCI, V24A, Y20A, etc.













Table with columns: PTL, Penalti, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Penalti, Voula, Athens, Corum, etc.

Table with columns: LOD, Lodumlu, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Lodumlu, AFRS, SAFR, etc.

Table with columns: BNDS, Bandar-abas, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Bandar-abas, Kerman, Sarvestan, etc.







MSU	Marysvalve	115.45	50	ePKIKP	PKPdf	14 01 22.4 +0.4
B20A	Solberg Farm,	115.52	39	uP	PKIKP	14 01 22.9 +1.1
L17A	Cokeville	115.55	46	uP	PKPdf	14 01 23.2 +1.1
X14A	Yava	115.69	55	uP	PKPdf	14 01 23.9 +1.2
Y14A	Wickenburg	115.69	55	uP	PKPdf	14 01 23.9 +1.2
E19A	Rath Farm, Rou	115.70	41	uP	PKPdf	14 01 23.2 +0.9
C20A	Veseth Ranch,	115.78	40	uP	PKPdf	14 01 22.9 +0.6
F19A	Roth Farm, Mol	115.79	42	uP	PKPdf	14 01 23.1 +0.6
U15A	North Rim	115.80	53	uP	PKPdf	14 01 24.4 +1.7
RLMT	Red Lodge	115.81	43	uP	PKPdf	14 01 22.8 +0.2
J18A	Kendall Valley	115.85	45	uP	PKPdf	14 01 24.2 +1.6
N17A	Scullys Gap (B	115.86	47	uP	PKPdf	14 01 23.8 +1.0
M17A	Moffitt Pass	115.88	47	uP	PKPdf	14 01 24.3 +1.5
114A	Black Gap (USA	115.99	57	uP	PKPdf	14 01 24.7 +1.5
K18A	Toltan Ranch,	116.00	45	uP	PKPdf	14 01 24.4 +1.4
A21A	Bergtoll Ranch	116.00	38	uP	PKPdf	14 01 23.6 +0.8
V15A	Kalbab Nationa	116.01	53	uP	PKPdf	14 01 25.5 +2.3
R16A	Teasdale	116.03	50	uP	PKPdf	14 01 24.6 +1.5
S16A	Weppner Ranch,	116.07	51	uP	PKPdf	14 01 24.9 +1.7
Q16A	Castle Valley	116.12	50	uP	PKPdf	14 01 24.8 +1.5
O17A	Powell	116.13	43	uP	PKPdf	14 01 24.5 +1.3
H19A	Robinson Place	116.14	48	uP	PKPdf	14 01 24.9 +1.6
B21A	Ellsworth Farm	116.15	39	uP	PKPdf	14 01 24.1 +1.1
214A	Organ Pipe Nat	116.17	58	uP	PKPdf	14 01 24.2 +0.6
L18A	Fontenelle, Gr	116.20	46	uP	PKPdf	14 01 24.4 +1.0
X15A	Humboldt	116.21	55	uP	PKPdf	14 01 24.5 +0.9
Y15A	Casa Rosa Ranc	116.23	55	uP	PKPdf	14 01 24.3 +0.6
MSKU	Masuku	116.26	265	PKP	PKPdf	14 01 24.2 -0.1
BW06	Boulder Array	116.30	45	uP	PKPdf	14 01 24.7 +1.2
P17A	Butcher Ranch,	116.31	49	uP	PKPdf	14 01 25.1 +1.5
C21A	Desert Coulee	116.32	39	uP	PKPdf	14 01 24.5 +1.0
CDF	Champ du Feu	116.32	321	ePKIKP	PKPdf	14 01 23.7 +0.3
CDF	Champ du Feu	116.32	321	ePKIKP	PKPdf	14 01 23.7 +0.3
F20A	Billings	116.33	42	uP	PKPdf	14 01 24.8 +1.2
G20A	Bridger	116.48	42	uP	PKPdf	14 01 25.0 +1.2
J19A	Crowheart	116.51	45	uP	PKPdf	14 01 25.2 +1.3
115A	Sonoran Desert	116.54	57	uP	PKPdf	14 01 25.8 +1.4
R17A	Hanksville Air	116.59	50	uP	PKPdf	14 01 25.2 +0.9
A22A	Carney Farms,	116.62	38	uP	PKPdf	14 01 24.6 +0.7
L19A	Farson	116.63	46	uP	PKPdf	14 01 25.5 +1.3
D21A	La Costa Ranch	116.65	40	uP	PKPdf	14 01 25.2 +1.1
O18A	Roosevelt	116.66	48	uP	PKPdf	14 01 26.2 +1.9
S17A	Black Ridge (B	116.70	51	uP	PKPdf	14 01 25.8 +1.3
BCLA	Clavier	116.73	324	PKP	PKPdf	14 01 24.6 +0.5
U16A	Tuba City	116.77	53	uP	PKPdf	14 01 26.9 +2.3
K19A	Absolon Red Bu	116.79	45	uP	PKPdf	14 01 25.4 +0.9
H1NF	Hinterfeld	116.81	321	uP	PKIKP	14 01 23.9 -0.4
B22A	Redding Ranch S	116.83	38	uP	PKPdf	14 01 25.5 +1.2
T17A	Navajo Res., N	116.84	52	uP	PKPdf	14 01 26.7 +1.9
H20A	Greybull	116.86	43	uP	PKPdf	14 01 25.6 +1.1
Q18A	Rafter H Ranch	116.86	49	uP	PKPdf	14 01 25.6 +0.8
X16A	Lo Mita Camp, P	116.87	55	uP	PKPdf	14 01 26.8 +1.9
I20A	Worland	116.94	44	uP	PKPdf	14 01 26.1 +1.3
Y16A	Circle Bar Ran	116.94	55	uP	PKPdf	14 01 26.3 +1.2
116A	Eloy	117.00	57	uP	PKPdf	14 01 26.4 +1.2
HAU	Haudompre	117.05	321	ePKIKP	PKPdf	14 01 24.6 -0.2
HAU	Haudompre	117.05	321	ePKIKP	PKPdf	14 01 24.6 -0.2
C22A	Vida	117.11	39	uP	PKPdf	14 01 26.2 +1.3
PGF	Pioggiola	117.13	315	ePKIKP	PKPdf	14 01 25.4 +0.2
PGF	Pioggiola	117.13	315	ePKIKP	PKPdf	14 01 25.4 +0.2
D22A	Cohagen	117.14	40	uP	PKPdf	14 01 26.2 +1.1
Y17A	Tonalea, Kykot	117.15	53	uP	PKPdf	14 01 26.6 +1.2
J20A	Shoshoni	117.16	44	uP	PKPdf	14 01 26.6 +1.4
K20A	Yellowstone Ra	117.19	45	uP	PKPdf	14 01 26.3 +1.0
R18A	Canyonlands Na	117.22	50	uP	PKPdf	14 01 26.4 +0.9
LAO	LASA Array	117.28	40	uP	PKPdf	14 01 27.2 +1.9
SNF	Senefie	117.28	324	PKP	PKPdf	14 01 25.9 +0.7
O19A	Miners Draw (B	117.30	48	uP	PKPdf	14 01 26.3 +0.7
S18A	Hurst Farm, Bl	117.31	51	uP	PKPdf	14 01 26.7 +1.0
B23A	Brocton	117.39	38	uP	PKPdf	14 01 26.5 +1.0
L20A	Wamutter	117.39	46	uP	PKPdf	14 01 26.8 +1.1
H21A	Big Horn, Sher	117.46	43	uP	PKPdf	14 01 26.4 +0.7
Y17A	Roosevelt	117.50	55	uP	PKPdf	14 01 27.5 +1.3
BAIF	Baives	117.52	324	ePKIKP	PKPdf	14 01 25.4 -0.2
BAIF	Baives	117.52	324	ePKIKP	PKPdf	14 01 25.4 -0.2
C23A	Lambert	117.52	39	uP	PKPdf	14 01 27.0 +1.3
T18A	Mexican Hat	117.53	51	uP	PKPdf	14 01 27.9 +1.8
Q19A	Hogan Spring (	117.55	49	uP	PKPdf	14 01 27.5 +1.4
I21A	Big Trails, Te	117.56	44	uP	PKPdf	14 01 27.0 +1.1
J21A	Lysite	117.60	44	uP	PKPdf	14 01 27.4 +1.4
U18A	Rough Rock, Ch	117.70	52	uP	PKPdf	14 01 28.2 +1.8
LPG	La Plagne	117.71	319	uP	PKIKP	14 01 26.6 +0.4
LPG	La Plagne	117.71	319	uP	PKIKP	14 01 26.6 +0.4
LPG	La Plagne	117.71	319	uP	PKIKP	14 01 26.6 +0.4
LPL	La Plagne	117.71	319	uP	PKIKP	14 01 26.5 +0.3
CABF	La Chapelle	117.74	320	uP	PKIKP	14 01 26.5 +0.3
D23A	Lindsay	117.75	39	uP	PKPdf	14 01 27.6 +1.4
N20A	Spence Gulch,	117.78	47	uP	PKPdf	14 01 28.1 +1.6
117A	Oracle	117.80	57	uP	PKPdf	14 01 28.1 +1.3

A24A	Westby	117.80	37	uP	PKPdf	14 01 27.1 +0.9
DGMT	Dagmar	117.87	38	uP	PKPdf	14 01 28.1 +1.8
217A	Greac Valley	117.88	57	uP	PKPdf	14 01 28.4 +1.5
Z17A	San Carlos Hig	117.88	56	uP	PKPdf	14 01 28.4 +1.6
S19A	Harvey Farm, M	117.96	51	uP	PKPdf	14 01 28.0 +1.2
MBDF	Montbardon	117.96	318	ePKIKP	PKPdf	14 01 27.0 +0.3
MBDF	Montbardon	117.96	318	ePKIKP	PKPdf	14 01 27.0 +0.3
K21A	Alexia	117.97	45	uP	PKPdf	14 01 27.9 +1.1
O20A	White River Ci	118.00	48	uP	PKPdf	14 01 28.2 +1.3
L21A	Rawlins	118.09	46	uP	PKPdf	14 01 28.4 +1.4
C24A	Savage	118.10	39	uP	PKPdf	14 01 28.2 +1.4
Y18A	Canyon Day Jun	118.14	55	uP	PKPdf	14 01 27.8 +0.4
M21A	Separation Pea	118.20	46	uP	PKPdf	14 01 27.9 +0.6
J22A	Midwest	118.25	44	uP	PKPdf	14 01 27.9 +0.7
T19A	Beclabito	118.27	52	uP	PKPdf	14 01 29.4 +1.9
Q20A	Ridgley Place,	118.28	49	uP	PKPdf	14 01 28.9 +1.4
N21A	Black Mountain	118.34	47	uP	PKPdf	14 01 29.3 +1.7
H18A	Hockack Ranch,	118.42	56	uP	PKPdf	14 01 29.4 +1.4
R20A	Redvale	118.42	50	uP	PKPdf	14 01 29.4 +1.7
K22A	Casper	118.47	45	uP	PKPdf	14 01 28.2 +0.5
Z18A	Dragon	118.49	57	uP	PKPdf	14 01 29.9 +1.8
ORIF	Oris-en-Rattie	118.49	318	uP	PKIKP	14 01 27.7 0.0
ORIF	Oris-en-Rattie	118.49	318	uP	PKIKP	14 01 27.7 0.0
S20A	Disappointment	118.53	50	uP	PKPdf	14 01 29.8 +1.8
X19A	St. Johns	118.61	54	uP	PKPdf	14 01 30.1 +1.8
318A	Bisbee	118.63	58	uP	PKPdf	14 01 29.8 +1.4
KEST	Kesra	118.69	307	PKP	PKPdf	14 01 28.2 -0.2
KEST	Kesra	118.69	307	PKP	PKPdf	14 01 28.2 -0.2
L22A	Ellis Ranch, M	118.73	45	uP	PKPdf	14 01 29.7 +1.5
Y19A	Nutroso	118.74	55	uP	PKPdf	14 01 30.3 +1.8
EKA	Eskdalemir Ar	118.79	332	PKP	PKPdf	14 01 28.1 +0.1
EKA	Eskdalemir Ar	118.79	332	PKP	PKPdf	14 01 28.1 +0.2
LOR	Lormes	118.89	321	uP	PKIKP	14 01 28.4 0.0
LOR	Lormes	118.89	321	uP	PKIKP	14 01 28.4 0.0
119A	Ashpacer Ranch,	118.95	56	uP	PKPdf	14 01 30.6 +1.7
V20A	Brimhall	118.95	53	uP	PKPdf	14 01 30.1 +1.2
S21A	Coal Bank Pass	119.01	50	uP	PKPdf	14 01 30.9 +2.0
SMRF	Simiane la Rot	119.03	317	ePKIKP	PKPdf	14 01 29.2 +0.4
W20A	Wattenberg Ran	119.09	53	uP	PKPdf	14 01 31.1 +1.9
N22A	Wattenberg Ran	119.10	47	uP	PKPdf	14 01 30.8 +1.8
219A	White Tail Can	119.14	57	uP	PKPdf	14 01 31.1 +1.8
SMF	Signal de Mont	119.15	321	ePKIKP	PKPdf	14 01 28.7 -0.2
SMF	Signal de Mont	119.15	321	ePKIKP	PKPdf	14 01 28.7 -0.2
SMF	Signal de Mont	119.15	321	ePKIKP	PKPdf	14 01 29.1 +0.1
SSF	Saint Saulege	119.19	321	uP	PKIKP	14 01 29.1 +0.1
SSF	Saint Saulege	119.19	321	uP	PKIKP	14 01 29.1 +0.1
319A	Quemado	119.22	54	uP	PKPdf	14 01 31.1 +1.7
X20A	Douglas	119.24	58	uP	PKPdf	14 01 31.2 +1.6
P22A	Eagle	119.25	48	uP	PKPdf	14 01 30.7 +1.4
V1VF	Julien-I	119.31	318	ePKIKP	PKPdf	14 01 29.2 -0.1
V1VF	Julien-I	119.31	318	ePKIKP	PKPdf	14 01 29.2 -0.1
Q22A	Crested Butte,	119.35	49	uP	PKPdf	14 01 31.7 +2.1
T21A	Navajo Lake	119.38	51	uP	PKPdf	14 01 31.8 +2.1
AVF	Avril sur Loir	119.40	321	uP	PKIKP	14 01 29.1 -0.3
AVF	Avril sur Loir	119.40	321	uP	PKIKP	14 01 29.1 -0.3
U21A	Nageezi	119.43	52	uP	PKPdf	14 01 31.5 +1.7
Z20A	Nine Sixteen R	119.46	56	uP	PKPdf	14 01 31.6 +1.7
Y20A	Horse Springs,	119.46	55	uP	PKPdf	14 01 31.8 +1.9
120A	U Bar Ranch, L	119.55	56	uP	PKPdf	14 01 31.9 +1.8
R21A	Milan	119.61	52	uP	PKPdf	14 01 31.6 +1.5
V22A	Saguache, Gunn	119.64	49	uP	PKPdf	14 01 32.6 +2.5
O23A	Lake Granby, G	119.67	47	uP	PKPdf	14 01 32.0 +1.9
S22A	4UR Ranch, Cre	119.72	50	uP	PKPdf	14 01 32.4 +2.1
220A	Playas Peak, P	119.77	57	uP	PKPdf	14 01 32.0 +1.5
BGF	Bois d'Agland	119.81	321	ePKIKP	PKPdf	14 01 30.4 +0.2
BGF	Bois d'Agland	119.81	321	ePKIKP	PKPdf	14 01 30.4 +0.2
X21A	Alamocita Cree	119.82	54	uP	PKPdf	14 01 33.0 +2.4
Z22A	Edith	119.86	51	uP	PKPdf	14 01 33.1 +2.5
T20A	Kipp Ranch, An	119.88	58	uP	PKPdf	14 01 32.4 +1.6
P23A	Jefferson	119.99	48	uP	PKPdf	14 01 32.6 +1.9
Y21A	Point of Rocks	120.01	54	uP	PKPdf	14 01 32.2 +1.3
M24A	Cheyenne	120.05	45	uP	PKPdf	14 01 31.8 +0.9
U22A	Llaves	120.07	52	uP	PKPdf	14 01 33.2 +2.2
Q23A	Hartsel	120.14	48	uP	PKPdf	14 01 33.3 +2.3
L25A	San Miguel	120.15	318	ePKIKP	PKPdf	14 01 31.0 +0.1
L25A	San Miguel	120.15	318	ePKIKP	PKPdf	14 01 31.0 +0.1
Z21A	St. Cloud Mine	120.17	55	uP	PKPdf	14 01 33.3 +2.0
121A	Coose Peak, D	120.25	56	uP	PKPdf	14 01 33.1 +1.6
TCF	Toulu Ste Croi	120.33	321	ePKIKP	PKPdf	14 01 31.4 +0.2
TCF	Toulu Ste Croi	120.33	32			





Table with columns: LPAZ, comp, LR, LR, and numerical values. Rows include LPAZ, ATAH, OTAV, ROSC, BDFB, APG, VNA1, VNA2, TXAR, TXAR, 320A, 319A, 318A, 219A, 218A, 127A, 125A, 120A, TUC, 118A, 117A, 119A, 116A, Z25A, Y20A, Y21A, Y18A, Y17A, Y19A, Y16A, X26A, X21A, X14A, X19A, X13A, X20A, BC3, X18A, X16A, X15A, X14A, W21A, IRM, W20A, W19A, X13A, W16A, W14A, GMRC, W13A, W20A, V18A, V17A, LDFO, SYO, V14A, V15A, EDW2, U21A, U16A, TUQ, GSC, V13A, U18A, V12A, PKM, LRMC, U15A, T19A, T21A, U14A, SHOC, U13A, SMMC, ISA, U12A, T17A, T18A, MPMC, SHPR, T15A.

Table with columns: U10A, S21A, S22A, T13A, S19A, S20A, S18A, CWC, R17A, S22A, CCUT, PV01, R20A, G13A, GRAC, R21A, S14A, R19A, PV04, R18A, R16A, R17A, R13A, MSU, Q19A, Q16A, Q18A, R11A, SRU, P22A, Q14A, TMUT, NVAR, NVAR, CMB, P14A, WAKR, Q18A, DUG, DUG, DAU, MAW, N20A, N19A, M18A, L19A, L16A, K21A, K20A, K18A, WDC, K19A, BW06, K16A, J21A, J19A, J20A, J18A, J17A, J16A, REDW, TPWA, I21A, J15A, LOHW, WVOR, I18A, J14A, I20A, MOOW, J13A, I19A, IMW, HLID, H11D, FLWY, I14A, I13A, K05A, I12A, J08A, H18A, H16A, RLMT, RLMT.

Table with columns: H13A, G20A, H12A, MCMT, MCMT, G18A, G16A, I07A, G12A, G13A, BOZ, BOZ, F16A, F17A, F13A, E20A, F12A, G08A, E17A, E18A, E16A, D24A, D21A, D22A, F10A, E13A, E12A, D17A, MSO, D15A, D14A, C22A, C23A, C20A, SLMT, C19A, D12A, C17A, F04A, E07A, EGMT, C15A, C14A, D08A, B19A, B18A, B15A, B14A, A22A, A20A, A16A, NEW, NEW, A14A, A13A, A12A, STKA, SCHQ, BOSB, DBIC, GERES, GERES, CN2, BRTR, HHC, HHC, HHC, GYA, GYA, GYA, GYA, CMAR, CMAR, SONM, KMI, CD2, LZH, LZH, ZALV.

IDC 28 15:35:58.0; 1.6, 8:82S; 124:29E, h0km, mb3.5/2, mb1 3/9.5, mb1mx3.7/17, mbrtm3.7/5, ML3.8/3, MS4.3/1, Ms1 4.3/1, ms1mx2.8/19, Entor ellipse: s-maj=103.8km s-min=23.4km az=61.0





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Neumayer Olymp, Neumayer-Watz, Sanae, Maitri, East Falkland, etc.

ISCJB 28 17:02:22.51.3, 39.90N, 0.08, 37.76E, 0.06, h25km, 8km, Error ellipse: s-maj=14.6km s-min=6.7km az=16.7

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

ISCJB 28 17:24:24.7, 0.9, 36.80N, 0.06, 69.8E, 0.02, h33km, Error ellipse: s-maj=21.4km s-min=5.9km az=160.1

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

CSEM 28 17:40:33.8, 1.4, 39.78N, 44.03E, h10km, MD3.0, Error ellipse: s-maj=28.2km s-min=12.7km az=22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLDR, AGRB, Hanur-Agry, TUTA, etc.

IDC 28 17:59:44.2, 1.6, 14.41S, 174.47W, h0km, mb3.9/5, mb1.4/2.5, mb1mx3.9/1.5, mbtmp3.9/5, MS3.7/3, Ms1.3/7.3, ms1mx3.2/2.9, Error ellipse: s-maj=145.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PPT, URZ, TBI, STKA, WTKA, ASAR, NVAR, TXAR, ILAR, TKL, BRTR, GERES, etc.

ISCJB 28 18:03:41.8, 4.7, 6.1S, 0.2, 130.4E, 0.02, h49km, 47km, mb4.7/13, Error ellipse: s-maj=38.6km s-min=19.3km az=139.9

IDC 28 18:03:43.6, 4.2, 6.06S, 130.49E, h45km, 38km, mb3.8/6, mb1.4/2.9, mb1mx4.0/1.5, mbtmp4.0/9, ML4.5/3, Error ellipse: s-maj=49.2km s-min=19.3km az=69.0

NEIC 28 18:03:49.0, 1.8, 6.10S, 130.29E, h94km, 17km, mb5.2/7, Error ellipse: s-maj=27.3km s-min=10.5km az=58.0

ISC 28 18:03:43.4, 3.5, 6.05S, 0.02, 130.5E, 0.02, h45km, 36km, n24, 0.656Z, 0.0, mb4.7/13, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, FITZ, WRA, WB2, ASAR, CMAR, ODAN, TAPN, GUN, KKN, DMN, GKN, KLN, SOLN, MK31, ZALV, MAW, ILAR, ULM, CPUP, LPAZ, etc.

NEIC 28 18:10:46.5, 1.3, 5.1, 69N, 16.30E, h5km, ML2.9(SZGRF), Error ellipse: s-maj=18.1km s-min=7.3km az=214.0

ISCJB 28 18:10:47.0, 0.5, 5.153N, 0.02, 16.02E, 0.03, h0km, Error ellipse: s-maj=3.7km s-min=2.5km az=30.7

IPEC 28 18:10:47.0, 0.3, 5.153N, 0.16E, h0km, 1km, ML2.6/3, Error ellipse: s-maj=2.1km s-min=1.6km az=32.0

CSEM 28 18:10:47.9, 0.2, 5.153N, 16.05E, h2km, ML3.5/1.1, Error ellipse: s-maj=4.1km s-min=2.7km az=36.0

PRU 28 18:10:48.8, 5.157N, 16.05E, h0km, Felt In Harrachov VAR 28 18:10:49.4, 5.158N, 15.99E, ML2.8, Mining Induced

WIE 28 18:10:51.3, 0.5, 5.133N, 16.06E, h0km, mb2.2/4, ML3.0/4, Error ellipse: s-maj=3.3km s-min=3.1km az=170.0

ISC 28 18:10:47.9, 0.5, 5.158N, 0.02, 16.05E, 0.03, h0km, n60, 0.656Z, 1.14, 2C-2D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP, KSI, KSP, UJC, DPC, PVCC, PVCC, BRG, MOY, RUE, etc.

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

IDC 28 18:31:47.4, 3.2, 32.55S, 178.41W, h0km, mb3.7/2, mb1.4/0.3, mb1mx3.7/1.5, mbtmp3.7/3, ML3.5/1.1, Error ellipse: s-maj=73.1km s-min=47.5km az=118.0

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

ISCJB 28 18:40:16.0, 0.2, 5.01N, 100.03, 100.51E, 0.03, h10km, mb4.1/31, Error ellipse: s-maj=4.2km s-min=2.4km az=162.4

LDG 28 18:40:15.2, 0.1, 5.014N, 100.30E, h10km, Mb4.5/1.1, Ms2.4/1, Error ellipse: s-maj=6.8km s-min=3.7km az=26.0

BYKL 28 18:40:16.2, 0.7, 5.038N, 100.24E, Error ellipse: s-maj=8.4km s-min=6.9km az=106.5

MOS 28 18:40:16.7, 1.0, 5.044N, 100.30E, h13km, mb4.4/21, Error ellipse: s-maj=8.4km s-min=6.9km az=106.5

IDC 28 18:40:16.7, 0.5, 5.044N, 100.41E, h0km, mb4.0/17, mb1.4/1.2, mb1mx4.1/2.5, mbtmp3.9/2.0, ML3.3/3, Error ellipse: s-maj=18.8km s-min=10.6km az=32.0

BJI 28 18:40:17.0, 5.074N, 100.34E, h9km, mb4.9/5, mb4.3/8, ML4.6/2, Ms4.3/5, Ms7.4/1/5

NEIC 28 18:40:17.9, 0.3, 5.054N, 100.54E, h10km, mb4.3/14, Error ellipse: s-maj=8.1km s-min=5.8km az=202.0

ISC 28 18:40:18.3, 0.2, 5.052N, 0.03, 100.46E, 0.03, h10km, n164, 0.1817, 198, mb4.1/31, 2C-4D, Mongolia

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

ISCJB 28 18:40:16.0, 0.2, 5.01N, 100.03, 100.51E, 0.03, h10km, mb4.1/31, Error ellipse: s-maj=4.2km s-min=2.4km az=162.4

LDG 28 18:40:15.2, 0.1, 5.014N, 100.30E, h10km, Mb4.5/1.1, Ms2.4/1, Error ellipse: s-maj=6.8km s-min=3.7km az=26.0

BYKL 28 18:40:16.2, 0.7, 5.038N, 100.24E, Error ellipse: s-maj=8.4km s-min=6.9km az=106.5

MOS 28 18:40:16.7, 1.0, 5.044N, 100.30E, h13km, mb4.4/21, Error ellipse: s-maj=8.4km s-min=6.9km az=106.5

IDC 28 18:40:16.7, 0.5, 5.044N, 100.41E, h0km, mb4.0/17, mb1.4/1.2, mb1mx4.1/2.5, mbtmp3.9/2.0, ML3.3/3, Error ellipse: s-maj=18.8km s-min=10.6km az=32.0

BJI 28 18:40:17.0, 5.074N, 100.34E, h9km, mb4.9/5, mb4.3/8, ML4.6/2, Ms4.3/5, Ms7.4/1/5

NEIC 28 18:40:17.9, 0.3, 5.054N, 100.54E, h10km, mb4.3/14, Error ellipse: s-maj=8.1km s-min=5.8km az=202.0

ISC 28 18:40:18.3, 0.2, 5.052N, 0.03, 100.46E, 0.03, h10km, n164, 0.1817, 198, mb4.1/31, 2C-4D, Mongolia

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



Table with station names (e.g., Mina Array Bay, Stephens Creek) and their associated codes and times.

WEL 28 19:37.27.3.0.9,35.775x178.33x,h171km,12km,ML3.6/8, Error ellipse: s-maj=23.3km s-min=13.3km az=90.0,Off east coast of North Island

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

CSEM 28 19:31:17.6:0.2,42.68N:46.34E,h2km,mb4.2, Error ellipse: s-maj=5.5km s-min=2.9km az=9.0

MOS 28 19:31:17.4:1.8,42.73N:46.40E,h12km,mb4.2/1, Error ellipse: s-maj=8.9km s-min=5.8km az=26.2

ISC 28 19:31:17.9:0.4,42.66N:0.03:46.33E,0.02,h2km,5km, n55,1905/92,7C-1D, Eastern Caucasus

Main table listing station codes (e.g., BTLR, UNCR, KRNK) and their details including station names, coordinates, and times.

Table listing station codes (e.g., AB31) and their details including station names and times.

NIED 28 19:33:00.40:70N:145:40E,h50km,Mw3.9 Best double couple: M8.44000:1014 NP1:182.00000:884.00000, l18.00000. NP2:283.00000:829.00000:l13.00000. IDC 28 19:33:37.3:0.9,40.72N:145:32E,h0km,mb3.7/8, mb1 3.9/10,mb1mx3.7/24,mbtmp3.7/10,ML3.5/2, Error ellipse: s-maj=26.3km s-min=20.4km az=161.0

JMA 28 19:33:41.3:0.2,40.66N:145:39E,h51km,M4.7 MOS 28 19:33:41.1:0.6,40.62N:145:33E,h42km,mb4.3/5, Error ellipse: s-maj=16.4km s-min=12.8km az=92.6

ISCJB 28 19:33:42.2:0.7,40.67N:0.03:145:19E:0.05,h48km,7km, mb3.9/9, Error ellipse: s-maj=9.9km s-min=3.5km az=23.8

NEIC 28 19:33:43.8:1.4,40.71N:145:29E,h46km,12km,mb4.3/1, Error ellipse: s-maj=16.5km s-min=10.2km az=106.0

ISC 28 19:33:43.5:0.7,40.68N:0.03:145:22E:0.05,h48km,7km, n55,1905/83,mb3.8/9,1D,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Erimo, Ermo, Akkeshi, etc.

ISC 28 19:38:00.25:70N:126:20E,h26km,Mw4.3 Best double couple: M2.94000:1015 NP1:56.00000:865.00000, l72.00000. NP2:273.00000:830.00000:l123.00000. BUJ 28 19:38:00.7:25.48N:126:75E,h12km,mb4.6/4,mb4.3/10, Ms4.4/2,Ms7.4/2/2

IDC 28 19:38:01.8:0.8,25.57N:126:27E,h0km,mb4.3/17, mb1 4.1/18,mb1mx3.4/26,mbtmp4.3/18,MS3.5/14, Ms1 3.6/14,ms1mx3.4/40, Error ellipse: s-maj=21.0km s-min=19.8km az=155.0

MOS 28 19:38:05.9:1.1,25.58N:126:29E,h33km,mb4.8/36, Error ellipse: s-maj=12.1km s-min=7.7km az=116.5

NEIC 28 19:38:05.4:2.3,25.56N:126:33E,h12km,16km,mb4.8/22, MW4.2(NIED), Error ellipse: s-maj=14.4km s-min=7.3km az=147.0

ISCJB 28 19:38:07.1:3,25.79N:0.05:126:14E:0.04, h33km,10km,mb4.6/51,MS3.8/12, Error ellipse: s-maj=9.2km s-min=3.7km az=112.2

JMA 28 19:38:07.4:0.1,25.71N:126:18E,h74km,3km,M4.3 ISC 28 19:38:07.8:1.1,25.68N:0.05:126:22E:0.04,h28km,8km, n164,0895/164,mb4.6/51,MS3.8/12,17C-14D,Ryukyuu Islands

Main table listing station codes (e.g., JKE, JOGS, JIMJ) and their details including station names, coordinates, and times.

ISCJB 28 19:36:16.1:0.8,31.33N:0.04:103:97E:0.06,h3km,6km, mb3.9/9, Error ellipse: s-maj=8.6km s-min=5.1km az=25.7 IDC 28 19:36:17.1:0.8,31.34N:103:95E,h0km,mb3.9/8, mb1 3.9/10,mb1mx3.8/24,mbtmp3.8/10,ML3.4/2, Error ellipse: s-maj=44.5km s-min=16.5km az=64.0 BUJ 28 19:36:19.0,31:27N:103:97E,h12km,mb4.6/2,mb4.3/4,

ML3.6/14,Ms7.3/7.2 NEIC 28 19:36:19.1:0.5,31.35N:103:94E,h10km,mb3.7/1, Error ellipse: s-maj=12.7km s-min=8.2km az=59.0

ISC 28 19:36:18.8:0.8,31.26N:0.04:103:92E:0.06,h10km,5km, n21,0891/25,mb3.9/9,1D,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Chengdu, Lanzhou, Ermo, etc.

NIED 28 19:38:00.25:70N:126:20E,h26km,Mw4.3 Best double couple: M2.94000:1015 NP1:56.00000:865.00000, l72.00000. NP2:273.00000:830.00000:l123.00000. BUJ 28 19:38:00.7:25.48N:126:75E,h12km,mb4.6/4,mb4.3/10, Ms4.4/2,Ms7.4/2/2

IDC 28 19:38:01.8:0.8,25.57N:126:27E,h0km,mb4.3/17, mb1 4.1/18,mb1mx3.4/26,mbtmp4.3/18,MS3.5/14, Ms1 3.6/14,ms1mx3.4/40, Error ellipse: s-maj=21.0km s-min=19.8km az=155.0

MOS 28 19:38:05.9:1.1,25.58N:126:29E,h33km,mb4.8/36, Error ellipse: s-maj=12.1km s-min=7.7km az=116.5

NEIC 28 19:38:05.4:2.3,25.56N:126:33E,h12km,16km,mb4.8/22, MW4.2(NIED), Error ellipse: s-maj=14.4km s-min=7.3km az=147.0

ISCJB 28 19:38:07.1:3,25.79N:0.05:126:14E:0.04, h33km,10km,mb4.6/51,MS3.8/12, Error ellipse: s-maj=9.2km s-min=3.7km az=112.2

JMA 28 19:38:07.4:0.1,25.71N:126:18E,h74km,3km,M4.3 ISC 28 19:38:07.8:1.1,25.68N:0.05:126:22E:0.04,h28km,8km, n164,0895/164,mb4.6/51,MS3.8/12,17C-14D,Ryukyuu Islands

Main table listing station codes (e.g., JKE, JOGS, JIMJ) and their details including station names, coordinates, and times.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like ASAJ, ASAH, YSS, GTA, CMAR, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like OBN, OBN, JOF, JOF, JOF, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like PDG, KRUS, KRUS, KBN, etc.



















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

NAO 28 22:20:15.5-1.4, 71.21N-4.48W, ML3.5
IDC 28 22:20:18.6-0.4, 71.35N-3.85W, h0km, mb4.5/25,
mb1.4/732, mb1mx4.7/34, mbmp4.6/32, ML4.5/7, MS4.9/26,
M5.1/9/26, ms1mx4.9/29, Error ellipse: s-maj=11.3km
s-min=9.2km az=55.0
BER 28 22:20:18.4-2.7, 71.28N-4.32W, h8km, 19km, ML3.7
CSEM 28 22:20:18.0-1.0, 71.31N-3.92W, h2km, mb5.3/39, MS4.9,
Mw5.5, Error ellipse: s-maj=3.4km s-min=2.2km az=56.0
ISCJB 28 22:20:19.4-0.1, 71.28N-0.01-4.22W-0.04, h10km,
mb5.2/325, MS5.1/208, Error ellipse: s-maj=2.5km
s-min=1.2km az=136.9
BGS 28 22:20:19.7-1.8, 71.19N-3.06W, h10km, mb5.2, MS4.7
MOS 28 22:20:19.4-1.2, 71.30N-4.21W, h10km, mb5.4/127,
MS4.9/76, Error ellipse: s-maj=12.7km s-min=2.7km
az=97.0
NEIC 28 22:20:21.1-0.1, 71.33N-3.88W, h10km, mb5.3/247,
MS5.1/151, MW5.5, Error ellipse: s-maj=3.7km
s-min=2.1km az=53.0
GCMT 28 22:20:21.1-0.1, 71.39N-4.11W, h12km, MW5.5, Moment
Tensor Solution, s62:c92, s35:c39; Moment tensor:
Scale 10^17Nm; Mr-2.01c:03; Mw0.91c:03; Ms0.10c:03;
Mn-0.30c:08; Ms0.107c:02; Mr-0.57c:07; Best double
couple: M2.10000c:1017 NP1.922700000, -83.00000c:
-1.83.00000c: NP2.38.00000c, -854.00000c, -1.95.00000c;
Principal axes: T 2.1700, Plg9.0000c, Azm132.0000c;
-0.0600, Plg4.0000c, Azm41.0000c; P -2.1200,
Plg80.0000c, Azm284.0000c; Data Used: II U IC G CN.
Surface waves: sta=105, comp=223, per=50.
BUI 28 22:20:22.3, 71.89N-3.66W, h8km, mb5.4/35, mb5.2/42,
MS5.3/39, Ms7.5/36

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOR8, MOR8, MOR8, etc.

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

28d 22h

2008 SEP

1186

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like WLF1, LYN, DLF, DSB, BSD, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like GIVF, MNK, MOX, BRG, WLF, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like GRFO, LDF, LDF, LDF, etc.













Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Q16A Castle Valley, R19A Curley Farm, R18A Canyonlands Na, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like KHMM Horse Mountain, PAHR Pah Rah Range, W25A Y Bar L Ranch, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Y23A Lovelace Mesa, V15A Kaibab Nationa, X21A Alamoita Cree, etc.

327A	baz=63	Balmorhea Ranc	63.58 290	↑P	P	22 30 52.0 +0.2
Y17A	baz=63	Roosevelt	63.59 297	↑P	P	22 30 51.6 -0.2
X13A	baz=63	Yuca	63.59 300	↑P	P	22 30 51.9 +0.1
Y16A	baz=63, SNR=9.8	Circle Bar Ran	63.60 298	↑P	P	22 30 52.4 +0.5
SAO	baz=63	San Andreas Ge	63.60 307	eP	P	22 30 52.8 +1.0
SAO	comp=Z,1µm,22.0s,MS5.0			LR	LR	
SAO	comp=Z,14nm,1.1s,mb4.9	San Andreas Ge	63.60 307	eP	Pmax	22 30 52.8 +1.0
SAO				Pmax		
SAO	comp=Z,1µm,22.0s,MS5.0			MLR	MLR	
NEE2	baz=63	Needles Airpor	63.65 301	↑P	P	22 30 52.3 +0.1
GSC	baz=63	Goldstone	63.75 303	↑P	P	22 30 52.9 +0.1
GSC	baz=64	Goldstone	63.75 303	eP	P	22 30 54.2 +1.4
GSC	comp=Z,38nm,1.8s,mb5.1	Goldstone	63.75 303	eP	Pmax	22 30 54.2 +1.4
GSC		Goldstone	63.75 303	eP	Pmax	
KKN	comp=Z,38nm,1.8s,mb5.1					
KKN	comp=Z,39nm,1.0s,mb5.4	Kakani	63.76 81	eP	P	22 30 54.0 +1.0
KKN		Kakani	63.76 81	eP	Pmax	22 30 54.0 +1.0
Y15A	comp=Z,39nm,1.0s,mb5.4	Casa Rosa Ranc	63.77 298	↑P	P	22 30 52.9 -0.1
326A	baz=64	Caldwell Ranch	63.78 290	↑P	P	22 30 53.6 +0.6
121A	baz=64, SNR=18	Cookes Peak, D	63.78 294	↑P	P	22 30 53.6 +0.5
LRMC	baz=64, SNR=9.1	Laurel Mountai	63.83 304	↑P	P	22 30 53.6 +0.3
LSA	baz=64, SNR=9.8	Lhasa	63.84 75	eP	P	22 30 54.0 +0.6
LSA	comp=Z,22nm,0.8s,mb5.2			LR	LR	
LSA	comp=Z,806nm,21.0s,MS4.9	Lhasa	63.84 75	eP	Pmax	22 30 54.0 +0.5
LSA	comp=Z,22nm,0.8s,mb5.2			Pmax		
LSA	comp=Z,806nm,21.0s,MS4.9			MLR	MLR	
LSA	comp=Z,22nm,0.8s,mb5.2	Lhasa	63.84 75	eP	P	22 30 54.0 +0.5
GUN	comp=Z,22nm,0.8s,mb5.2	Gumba	63.84 80	eP	P	22 30 55.0 +1.5
MXTX	comp=Z,65nm,0.9s,mb5.7	Cornudas Mount	63.84 291	P	P	22 30 52.8 -0.7
Z17A	baz=64	San Carlos Hig	63.85 296	↑P	P	22 30 54.1 +0.6
YES	baz=64	Vestal, Richgr	63.85 305	↑P	P	22 30 53.0 -0.5
ISA	baz=64, SNR=12	Isabella	63.86 304	↑P	P	22 30 53.9 +0.4
ISA	baz=64, SNR=12	Isabella	63.86 304	eP	P	22 30 52.3 -1.2
ISA	comp=Z,18nm,1.0s,mb5.0	Isabella	63.86 304	eP	Pmax	22 30 52.3 -1.2
ISA	comp=Z,18nm,1.0s,mb5.1	Isabella	63.86 304	eP	P	22 30 52.3 -1.2
223A	comp=Z,18nm,1.0s,mb5.0	Chaparral, Ant	63.87 292	↑P	P	22 30 54.4 +0.8
DMN	baz=64	Daman	63.88 81	eP	P	22 30 55.0 +1.3
Z18A	comp=Z,36nm,1.1s,mb5.3	Geronimo	63.92 296	↑P	P	22 30 54.1 +0.1
GMRC	baz=64	Granite Mounta	63.93 302	↑P	P	22 30 54.3 +0.3
428A	baz=64, SNR=9.0	Kincaid Ranch	63.93 289	↑P	P	22 30 54.0 -0.1
PDMCI	baz=64, SNR=9.7	Parker Dam, Lak	63.96 300	↑P	P	22 30 54.3 +0.1
Y14A	baz=64	Wickenburg	63.98 299	↑P	P	22 30 54.3 +0.1
222A	baz=64	Williams Fanil	63.98 293	↑P	P	22 30 54.9 +0.5
119A	baz=64	Ashpeck Ranch,	64.01 295	↑P	P	22 30 54.9 +0.4
120A	baz=64, SNR=10.0	U Bar Ranch, L	64.02 295	↑P	P	22 30 55.0 +0.4
427A	baz=64, SNR=12	Hayter Ranch,	64.03 289	↑P	P	22 30 54.8 0.0
HEC	baz=64, SNR=20	Hector, Ludlow	64.06 302	↑P	P	22 30 55.2 +0.3
Z16A	baz=64	Peralta Trail,	64.09 297	↑P	P	22 30 54.9 -0.2
324A	baz=64	Moseley Ranch,	64.11 291	↑P	P	22 30 54.8 -0.4
RRX	baz=64, SNR=8.3	Edison Barstow	64.20 303	↑P	P	22 30 56.2 +0.5
221A	baz=64, SNR=5.7	Mesquite Ranch	64.27 294	↑P	P	22 30 56.5 +0.3
118A	baz=64, SNR=10.0	Homack Ranch,	64.32 296	↑P	P	22 30 56.3 -0.3
Y13A	baz=64, SNR=10.0	Salome	64.33 300	↑P	P	22 30 57.1 +0.5
Z15A	baz=64	Gila River Ind	64.34 298	↑P	P	22 30 56.8 +0.1
IRM	baz=64, SNR=8.3	Iron Mountain	64.37 301	↑P	P	22 30 57.0 +0.1
426A	baz=64, SNR=8.3	McDonald Obser	64.39 290	↑P	P	22 30 57.1 0.0
EDW2	baz=64, SNR=4.6	Edwards Air Fo	64.47 304	↑P	P	22 30 58.0 +0.4
528A	baz=64	Cox Ranch, San	64.49 288	↑P	P	22 30 57.5 -0.2
Z14A	baz=64, SNR=5.5	Wintersburg	64.50 299	↑P	P	22 30 57.6 -0.2
DBIC	baz=64	Dimbokro	64.52 181	eP	P	22 30 55.2 -2.8
DBIC	comp=Z,5.4nm,0.9s,mb4.6,slow=351,SNR=6.6	Dimbokro	64.52 181	eP	LR	23 01 46.4
DBIC	comp=Z,885nm,18.0s,MS5.0,baz=347,slow=38	Dimbokro	64.52 181	eP	LR	23 01 46.4
DBIC	comp=Z,13nm,1.0s,mb4.9	Dimbokro	64.52 181	eP	Pmax	22 30 58.3 +0.3
DBIC		Dimbokro	64.52 181	eP	LR	23 01 46.4
DBIC		Dimbokro	64.52 181	eP	Pmax	22 30 58.3 +0.3
DBIC	comp=Z,13nm,1.0s	Dimbokro	64.52 181	eP	P	22 30 58.3 +0.3
TIC	comp=Z,13nm,1.0s,mb4.9	Toumoudi	64.55 181	eP	P	22 30 58.2 0.0
TIC	comp=Z,48nm,1.1s,mb5.4	Toumoudi	64.55 181	eP	Pmax	22 30 58.2 0.0
TIC	comp=Z,48nm,1.1s,mb5.4	Toumoudi	64.55 181	eP	Pmax	22 30 58.2 0.0
425A	comp=Z,48nm,1.1s,mb5.4	Indio Mountain	64.58 291	↑P	P	22 30 58.0 -0.3
Y12C	baz=64, SNR=26	Blythe	64.58 300	↑P	P	22 30 58.7 +0.4
220A	baz=64, SNR=8.4	Playas Peak, P	64.59 294	↑P	P	22 30 58.6 +0.3
SMMC	baz=64, SNR=9.2	Simmler	64.60 305	↑P	P	22 30 58.6 +0.3
117A	baz=64	Oracle	64.61 296	↑P	P	22 30 59.1 +0.6
ERM	baz=64, SNR=19	Erino	64.63 27	eP	P	22 30 58.8 +0.3
ERM	comp=Z,68nm,1.2s,mb5.6			LR	LR	
ERM	comp=Z,466nm,22.0s,MS4.6	Erino	64.63 27	eP	Pmax	22 30 58.8 +0.3
ERM	comp=Z,69nm,1.2s,mb5.6			Pmax		
ERM	comp=Z,466nm,22.0s,MS4.6			MLR	MLR	
219A	comp=Z,466nm,22.0s,MS4.6	White Tail Can	64.72 295	↑P	P	22 30 59.7 +0.5
BELC	baz=64, SNR=18	Belle Mtn, Jos	64.75 302	↑P	P	22 31 00.4 +1.0
527A	baz=64, SNR=8.5	Woodward Ranch	64.76 289	↑P	P	22 30 59.6 +0.2
BBRC	baz=65, SNR=2.3	Big Bear Solar	64.76 302	↑P	P	22 30 59.8 +0.3
KIC	baz=64	Kosan Boka	64.83 181	eP	P	22 30 57.8 -2.2
KIC	comp=Z,53nm,1.0s,mb5.5	Kosan Boka	64.83 181	eP	P	22 30 57.8 -2.2
Z13A	comp=Z,53nm,1.0s,mb5.5	Yuma Proving G	64.85 299	↑P	P	22 31 00.5 +0.4

TUC	comp=Z,42nm,1.6s,mb5.2	Tucson	64.87 296	eP	P	22 31 00.1 -0.1
TUC		Tucson	64.87 296	eP	LR	
TUC	comp=Z,4µm,19.0s,MS5.7			LR	LR	
TUC	comp=Z,41nm,1.6s,mb5.2			Pmax	Pmax	22 31 00.1 -0.1
TUC				MLR	MLR	
TUC	comp=Z,4µm,19.0s,MS5.7					
SDDR	comp=Z,42nm,1.6s,mb5.2	Presa de Saban	64.89 254	eP	P	22 31 01.8 +1.4
SDDR	comp=Z,10nm,0.4s,mb5.2			LR	LR	
116A	comp=Z,662nm,22.0s,MS4.8	Eloy	64.90 297	↑P	P	22 31 00.7 +0.3
OSI	baz=65, SNR=7.3	Osito Adit	64.92 304	↑P	P	22 31 01.1 +0.7
115A	baz=65	Sonoran Desert	64.92 298	↑P	P	22 31 01.3 +0.8
BC3	baz=65	Big Chuckwalk	64.93 301	↑P	P	22 31 00.9 +0.4
PKM	baz=65	Peak Mountain	64.94 305	↑P	P	22 31 01.3 +0.7
TAPN	baz=65	Tapejuning	64.94 79	eP	P	22 31 02.0 +1.3
LIC	comp=Z,102nm,1.4s,mb5.7	Lamto	64.96 181	eP	P	22 30 59.7 -1.2
LIC	comp=Z,61nm,1.2s,mb5.5	Lamto	64.96 181	eP	P	22 30 59.9 -1.0
LIC	comp=Z,61nm,1.2s,mb5.2	Lamto	64.96 181	eP	eMLR	MLR
LIC	comp=Z,1µm,20.2s,MS4.8	Lamto	64.96 181	eP	P	22 30 59.9 -1.0
LIC	comp=Z,31nm,1.2s,mb5.2			LR	LR	
218A	comp=Z,670nm,20.3s,MS4.8	Lamto	64.96 181	eP	P	22 30 59.9 -1.0
LIC	comp=Z,31nm,1.2s,mb5.2	Lamto	64.96 181	eP	P	22 30 59.9 -1.0
218A	comp=Z,670nm,20.3s,MS4.8	Dragon	64.97 296	↑P	P	22 31 01.1 +0.3
526A	baz=65, SNR=6.7	Mary Lane Ranch	64.98 290	↑P	P	22 31 01.2 +0.3
BFSC	baz=65, SNR=15	Mount Baldy Ra	64.98 303	↑P	P	22 31 01.6 +0.7
XAN	baz=65	Black Gap (USA	65.01 57	eP	P	22 31 00.8 -0.3
114A	baz=65	Black Gap (USA	65.06 298	↑P	P	22 31 01.1 -0.3
MWC	baz=65	Mount Wilson	65.11 303	eP	P	22 31 03.0 +1.3
MWC	comp=Z,50nm,1.4s,mb5.3	Mount Wilson	65.11 303	eP	Pmax	22 31 03.0 +1.3
320A	comp=Z,50nm,1.4s,mb5.3	Kipp Ranch, An	65.12 294	↑P	P	22 31 02.4 +0.5
628A	baz=65, SNR=9.4	Black Gap, Mar	65.15 288	↑P	P	22 31 02.0 -0.1
DECC	baz=65, SNR=24	Green Verdugo	65.15 304	↑P	P	22 31 02.2 +0.2
PFO	baz=65	Pinyon Flat Ob	65.25 302	↑P	P	22 31 03.2 +0.6
PFO	baz=65	Pinyon Flat Ob	65.25 302	↑P	P	22 31 10.0 +7.4
PFO		Pinyon Flat Ob	65.25 302	PFAKE	LR	
113A	comp=Z,1µm,19.0s,MS5.1	Mohawk Valley,	65.29 299	↑P	P	22 31 03.2 +0.3
ODAN	baz=65	Odare	65.30 79	eP	P	22 31 04.3 +1.3
319A	comp=Z,142nm,1.2s,mb5.9	Douglas	65.31 295	↑P	P	22 31 02.9 -0.1
GLA	baz=65	Glamis	65.32 300	↑P	P	22 31 03.8 +0.7
GLA	baz=65	Glamis	65.32 300	eP	P	22 31 04.8 +1.7
GLA	comp=Z,74nm,1.6s,mb5.5	Glamis	65.32 300	eP	Pmax	22 31 04.8 +1.7
GLA		Glamis	65.32 300	eP	Pmax	
627A	comp=Z,74nm,1.6s,mb5.5	Terraza Ranc	65.33 289	↑P	P	22 31 03.2 -0.1
SBC	baz=65, SNR=20	Santa Barbara	65.34 305	↑P	P	22 31 03.5 +0.3
216A	baz=65	Three Points,	65.35 297	↑P	P	22 31 03.5 +0.2
217A	baz=65, SNR=8.7	Green Valley	65.38 296	↑P	P	22 31 03.6 +0.1
KVTX	baz=65, SNR=27	Kingsville	65.40 283	↑P	PFAKE	LR
KVTX		Kingsville	65.40 283	↑P	LR	22 31 20.0 +16
MURC	comp=Z,1µm,22.0s,MS5.1	Murrieta	65.46 302	↑P	P	22 31 03.9 -0.2
626A	baz=65	Big Bend Ranch	65.47 289	↑P	P	22 31 04.1 0.0
TXAR	comp=Z,13nm,1.0s,mb4.9,baz=48,slow=5.6,SNR=40	Lajitas Array	65.53 289	↑P	P	22 31 01.4 -3.1
TXAR	comp=Z,2µm,20.4s,MS5.3,baz=0.0,slow=36	Lajitas Array	65.53 289	↑P	LR	22 59 29.3
TXAR	comp=Z,13nm,1.0s,mb4.9	Lajitas Array	65.53 289	↑P	Pmax	22 31 01.4 -3.1
TXAR		Lajitas Array	65.53 289	↑P	Pmax	
TXAR	comp=Z,13nm,1.0s			MLR	MLR	
FMP	comp=Z,2µm,20.4s	Fort Macarthur	65.65 303	↑P	P	22 31 04.8 -0.4
SWSC	baz=65	Sam W. Stewart	65.70 301	↑P	P	22 31 05.4 -0.1
112A	baz=66	Yuma	65.74 300	↑P	P	22 31 06.0 +0.2
214A	baz=66	Organ Pipe Nat	65.78 298	↑P	P	22 31 06.2 +0.1
DFD	baz=66, SNR=5.9	Fort de France	65.85 243	↑P	P	22 31 20.0 +13
FDF		Fort de France	65.85 243	PFAKE	LR	
MONP	comp=Z,607nm,20.0s,MS4.8	Monument Peak	65.92 302	↑P	P	22 31 07.0 0.0
DVTC	baz=66, SNR=5.1	Desert V Tower	66.05 301	↑P	P	22 31 08.6 +0.8
INCN	comp=Z,342nm,21.0s,MS4.5	Inchon	66.06 41	PFAKE	LR	22 31 20.0 +12
109C	baz=66	Camp Elliot, M	66.11 302	↑P	P	22 31 08.2 0.0
KSRS	baz=66	Korea Array	66.36 40	↑P	P	22 31 05.5 -3.2
KSRS	comp=Z,3.8nm,0.7s,mb4.6,slow=350,SNR=15	Korea Array	66.36 40	↑P	PP	22 31 32.1 -3.1
KSRS	comp=Z,5.0nm,1.1s,baz=347,slow=8.7,SNR=7.1	Korea Array	66.36 40	↑P	LR	23 01 60.0
KSRS	comp=Z,502nm,18.2s,MS4.8,baz=348,slow=38	Korea Array	66.36 40	↑P	P	22 31 06.6 -3.2
KSRS		Korea Array	66.36 40	↑P	P	22 33 32.2
KSRS	comp=Z,4.0nm,0.7s,mb4.6			Pmax	Pmax	
KSRS	comp=Z,5.0nm,1.1s,mb4.5			Pmax	Pmax	
KSRS	comp=Z,502nm,18.2s,MS4.8	Korea Array	66.36 40	↑P	P	22 31 06.6 -3.2
SCI						



Table with columns: Station Name, Az, El, P, Time, Res. Includes stations like NVAR, COCO, RCO1, SML, TRF, etc.

BJJ 28 22:43:46.2, 2.18N, 96.02E, h32km, mB5.2/24, mB5.0/39, MS4.8/26, MS7.4/24
IDC 28 22:43:46.0, 0.6, 2.59N, 95.96E, h0km, mb4.4/18, mb1.4/5.20, mb1mx4.4/27, mbtmp4.4/20, ML4.6/2, MS3.8/2, MS1.3/9.2, ms1mx3.2/35, Error ellipse: s-maj=23.8km s-min=11.9km az=49.0
MOS 28 22:43:50.2, 0.9, 2.63N, 96.03E, h33km, mb5.0/28, MS4.4/4, Error ellipse: s-maj=10.9km s-min=5.6km az=119.1
ISC/B 28 22:43:50.7, 0.7, 2.59N, 0.03, 96.02E, 0.04, h38km, 6km, mb4.8/71, MS4.4/13, Error ellipse: s-maj=6.5km s-min=5.2km az=149.0
NEIC 28 22:43:53.6, 0.8, 2.64N, 96.07E, h40km, 7km, mb4.9/38, Error ellipse: s-maj=7.1km s-min=4.0km az=49.0
DJA 28 22:43:54.2, 4.7N, 96.14E, h30km, MLV4.7/8
ISC 28 22:43:52.9, 0.6, 2.58N, 0.03, 96.00E, 0.04, h41km, 6km, h36km, 1.4km, pP-P, n239, 0.91, 245, mb4.7/1, MS4.4/13, 18C-7D, Northern Sumatra

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like TPTI, TSI, PSI, etc.

Table with columns: Station Name, Az, El, P, Time, Res. Includes stations like KMI, DGAR, DGAR, GYA, etc.

Table with columns: Station Name, Az, El, P, Time, Res. Includes stations like KZA, WRA, TKM2, etc.

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

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

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



Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PAB San Pablo, KIV Kislovodsk, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KONS Konsvik, STOK Stokkvaagen, STOK Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SUW Suwalki, BEBN Eben Emael, HGN Heimangroevne, etc.

CSEM 28 23:02:13.4-0.3, 41.15N-24.25E, h2km, ML1.9/2, Error ellipse: s-maj=5.6km s-min=5.2km az=104.0

ATH 28 23:02:13.1, 41.23N-24.20E, h27km, 7km, MD3.1/4, The 28 23:02:14.1, 41.15N-24.25E, h0km, 3km, ML1.9/2, Error ellipse: s-maj=3.5km s-min=1.1km az=158.0

BEO 28 23:02:15.1-1.2, 41.03N-23.98E, h0km, ML2.1/3, ISC 28 23:02:14.1-0.6, 41.16N-24.27E, h0km, 6km, n26, r104/48, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KAVA Kavala, NVR Nevrokopi, SRS Serrai, etc.

ARAO ARCESS Array S 9.95 87 Pn Pn 23 15 29.7 -1.1

ARAO ARCESS Array S 9.95 87 Pn Pn 23 15 29.7 -1.1

ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

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ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

NAO 28 23:13:03.7-3.2, 71.24N-4.58W, h1km, 40km, ML2.9, ISC/B 28 23:13:05.9-0.2, 71.46N-0.02-4.03W:0.10, h10km, mb4.5/121, MS3.7/26, Error ellipse: s-maj=4.4km s-min=3.5km az=165.8

IDC 28 23:13:05.9-0.5, 71.37N-4.27W, h0km, mb4.0/22, mb1.4/26, mb1mx4.1/31, mbtmp4.0/26, ML3.7/4, MS3.7/18, Ms1.3/7.18, ms1mx3.5/40, Error ellipse: s-maj=13.5km s-min=11.3km az=52.0

BUI 28 23:13:05.6, 71.40N-3.80W, h10km, mb5.2/6, mb4.8/15, MS5.0/2, Ms7.4/4/3

MOS 28 23:13:06.1-1.2, 71.42N-4.07W, h10km, mb4.7/68, Error ellipse: s-maj=16.7km s-min=3.3km az=98.8

CSEM 28 23:13:07.3-0.1, 71.42N-3.90W, h10km, mb4.5/43, MS3.4, Error ellipse: s-maj=5.8km s-min=4.6km az=62.0

BER 28 23:13:07.3-2.1, 71.58N-4.68W, h20km, 30km, ML3.1, NEIC 28 23:13:07.0-0.2, 71.38N-3.77W, h10km, mb4.7/72, Error ellipse: s-maj=5.3km s-min=4.2km az=75.0

SZGRF 28 23:13:13.0, 71.40N-3.22W, h33km, mb4.7, Jan Mayen Island region

ISC 28 23:13:08.0-0.2, 71.42N-0.02-3.87W:0.09, h10km, (h17km, 2.8km:pp-P), n579, r13/571, mb4.5/121, MS3.7/26, 28C-8D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JNE Jan Mayen East, JNW Jan Mayen West, JMIC Jan Mayen, etc.

FINES FINESS Array B 15.38 115 Pn Pn 23 16 44.0 -0.7

FINES FINESS Array B 15.38 115 Pn Pn 23 16 44.0 -0.7

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FINES FINESS Array B 15.38 115 Pn Pn 23 16 44.0 -0.7

ARAO ARCESS Array S 9.95 87 Pn Pn 23 15 29.7 -1.1

ARAO ARCESS Array S 9.95 87 Pn Pn 23 15 29.7 -1.1

ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

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ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

ARCES ARCESS Array B 9.95 87 Pn Pn 23 15 29.7 -1.1

28d 23h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PRU Pруhonice, GRR Gorron, LANF Langenberg, etc.

2008 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LOR Lormes, BBS Basel-Blauen, NIE Niedzica, etc.

1198

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SOKR Solikamsk, LPL La Plagne, LBL Lubilhac, etc.







29d 1h

Table with columns: MKAR, Makanchi Array, 45.33 75 P, P, 00 43 53.9 +0.9, comp=2.0, 7nm, 1.0s, mb3.5, baz=336, slow=6.5, SNR=4.6

ISCJB 29 00:42:16.1-0.6, 71.51N-0.03-61.68W-0.03, h73km, 10km, Error ellipse: s-maj=6.0km s-min=3.9km az=26.8

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

ISCJB 29 01:02:12.6-0.4, 71.40N-0.04-3.4W-0.2, h10km, mb4.0/29, MS3.3/10, Error ellipse: s-maj=7.4km s-min=5.6km

CSEM 29 01:02:12.6-0.1, 71.34N-3.84W, h2km, mb4.3/21, Ms3.1, Error ellipse: s-maj=5.3km s-min=4.3km az=104.0

ISC 29 01:02:13.0-0.8, 71.26N-3.91W, h0km, ms3.5/7, mb1.3/9.18, mb1mx3.7/29, mbmp3.7/13, ML3.6/6, MS3.3/9, Ms1.3/9, ms1mx3.1/41, Error ellipse: s-maj=19.5km s-min=14.6km az=101.0

BER 29 01:02:13.9-2.1, 71.45N-4.38W, h10km, ML2.6, NAO 29 01:02:14.5-5.4, 71.28N-2.95W

NEIC 29 01:02:14.0-0.3, 71.36N-3.79W, h10km, mb4.2/21, Error ellipse: s-maj=5.6km s-min=4.8km az=107.0

ISC 29 01:02:14.3-0.4, 71.25N-4.04-3.7W-0.1, h10km, n174, #092/172, mb3.9/29, MS3.3/10, Jan Mayen Island region

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

2008 SEP

Table with columns: EKA, Eskdalemuir Ar, 16.08 179 Pn, Pn, 01 05 58.7 -1.4, CLC, Collin, 21.49 150 e(P), P, 01 07 06.0 +3.3

ISCJB 29 00:42:16.1-0.6, 71.51N-0.03-61.68W-0.03, h73km, 10km, Error ellipse: s-maj=6.0km s-min=3.9km az=26.8

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

ISCJB 29 01:02:12.6-0.4, 71.40N-0.04-3.4W-0.2, h10km, mb4.0/29, MS3.3/10, Error ellipse: s-maj=7.4km s-min=5.6km

CSEM 29 01:02:12.6-0.1, 71.34N-3.84W, h2km, mb4.3/21, Ms3.1, Error ellipse: s-maj=5.3km s-min=4.3km az=104.0

ISC 29 01:02:13.0-0.8, 71.26N-3.91W, h0km, ms3.5/7, mb1.3/9.18, mb1mx3.7/29, mbmp3.7/13, ML3.6/6, MS3.3/9, Ms1.3/9, ms1mx3.1/41, Error ellipse: s-maj=19.5km s-min=14.6km az=101.0

BER 29 01:02:13.9-2.1, 71.45N-4.38W, h10km, ML2.6, NAO 29 01:02:14.5-5.4, 71.28N-2.95W

NEIC 29 01:02:14.0-0.3, 71.36N-3.79W, h10km, mb4.2/21, Error ellipse: s-maj=5.6km s-min=4.8km az=107.0

ISC 29 01:02:14.3-0.4, 71.25N-4.04-3.7W-0.1, h10km, n174, #092/172, mb3.9/29, MS3.3/10, Jan Mayen Island region

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

1202

Table with columns: LASF, Ste Croix, 27.60 168 eP, P, 01 08 02.5 +1.2, LASF, Ste Croix, 27.60 168 eP, P, 01 08 02.5 +1.2

ISCJB 29 00:42:16.1-0.6, 71.51N-0.03-61.68W-0.03, h73km, 10km, Error ellipse: s-maj=6.0km s-min=3.9km az=26.8

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

ISCJB 29 01:02:12.6-0.4, 71.40N-0.04-3.4W-0.2, h10km, mb4.0/29, MS3.3/10, Error ellipse: s-maj=7.4km s-min=5.6km

CSEM 29 01:02:12.6-0.1, 71.34N-3.84W, h2km, mb4.3/21, Ms3.1, Error ellipse: s-maj=5.3km s-min=4.3km az=104.0

ISC 29 01:02:13.0-0.8, 71.26N-3.91W, h0km, ms3.5/7, mb1.3/9.18, mb1mx3.7/29, mbmp3.7/13, ML3.6/6, MS3.3/9, Ms1.3/9, ms1mx3.1/41, Error ellipse: s-maj=19.5km s-min=14.6km az=101.0

BER 29 01:02:13.9-2.1, 71.45N-4.38W, h10km, ML2.6, NAO 29 01:02:14.5-5.4, 71.28N-2.95W

NEIC 29 01:02:14.0-0.3, 71.36N-3.79W, h10km, mb4.2/21, Error ellipse: s-maj=5.6km s-min=4.8km az=107.0

ISC 29 01:02:14.3-0.4, 71.25N-4.04-3.7W-0.1, h10km, n174, #092/172, mb3.9/29, MS3.3/10, Jan Mayen Island region

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



426A	McDonald Obser	31.20 322	UP	P	01 38 44.1 -0.3
425A	Indio Mountain	31.88 321	UP	P	01 38 50.1 -0.3
226A	Malaga, Loving	32.24 324	UP	P	01 38 53.1 -0.5
325A	Bean Ranch, Si	32.27 322	UP	P	01 38 53.2 -0.6
324A	Moseley Ranch,	32.64 321	UP	P	01 38 56.0 -1.0
225A	Deer Hill, Car	32.70 323	UP	P	01 38 57.4 -0.1
MSTX	Muleshoe	32.91 328	UP	P	01 38 59.1 -0.3
125A	Gardner Draw,	32.99 324	UP	P	01 38 59.7 -0.5
Z26A	Caprock	33.05 325	UP	P	01 38 59.5 -1.1
Y27A	Causey	33.05 327	UP	P	01 39 00.4 -0.3
224A	Cornudas Mount	33.10 322	UP	P	01 39 01.0 -0.1
Z25A	Roswell	33.47 323	UP	P	01 39 04.3 0.0
124A	Stringfield Ra	33.49 323	UP	P	01 39 04.4 -0.2
Z24A	Sheeppen Canyo	33.89 324	UP	P	01 39 08.1 +0.1
W27A	Bowe Ranch, En	33.91 329	UP	P	01 39 07.8 -0.2
X26A	CR and CF Fran	33.91 327	UP	P	01 39 07.3 -0.8
Y25A	Mesa, Roswell	33.93 325	UP	P	01 39 07.7 -0.6
Z23A	Rita Site, Whi	34.35 323	UP	P	01 39 12.5 +0.5
Y24A	Capitan	34.35 325	UP	P	01 39 11.8 -0.2
X25A	Clemmons Ranch	34.36 326	UP	P	01 39 11.9 -0.1
Z21A	Mesquite Ranch	34.47 323	UP	P	01 39 13.4 +0.4
320A	Kipp Ranch, An	34.52 318	UP	P	01 39 13.6 +0.1
Y23A	Lovelace Mesa,	34.72 324	UP	P	01 39 14.6 -0.5
W25A	X Bar L Ranch,	34.76 327	UP	P	01 39 15.8 +0.3
Z22A	Elephant Butte	34.79 322	UP	P	01 39 15.7 0.0
121A	Cookes Peak, D	34.81 320	UP	P	01 39 16.4 +0.5
V26A	Tequesquite Ra	34.84 329	UP	P	01 39 16.2 0.0
Z20A	Playas Peak, P	34.88 319	UP	P	01 39 16.3 -0.3
BNM	Barren Site	35.21 324	eP	P	01 39 20.2 +0.8
Z21A	St. Cloud Mine	35.26 322	UP	P	01 39 20.5 +0.7
Y22A	Socorro	35.26 323	UP	P	01 39 20.2 +0.4
W24A	Lazy 6 Ranch,	35.27 326	UP	P	01 39 20.1 +0.2
Z20A	Rancho No Teng	35.31 328	UP	P	01 39 20.4 +0.2
125A	U Bar Ranch, L	35.36 320	UP	P	01 39 21.0 +0.2
219A	White Tail Can	35.42 318	UP	P	01 39 21.0 -0.2
318A	Bisbee	35.57 317	UP	P	01 39 22.6 +0.1
V24A	Rampart Ranch,	35.58 327	UP	P	01 39 22.8 +0.2
U25A	Circle Dot Ran	35.63 329	UP	P	01 39 23.7 +0.7
W23A	Werner Place,	35.65 325	UP	P	01 39 23.5 +0.3
ANMO	Albuquerque	35.68 325	P	P	01 39 22.9 -0.5
ANMO	Albuquerque	35.68 325	eP	LR	01 56 09.1
ANMO	Albuquerque	35.68 325	eP	P	01 39 23.7 +0.3
X22A	Bernardo	35.68 324	UP	P	01 39 24.0 +0.6
LAZ	Ladron	35.69 323	eP	P	01 39 24.8 +1.4
Z20A	Nine Seven R	35.71 320	UP	P	01 39 24.2 +0.6
Y21A	Point of Rocks	35.74 322	UP	P	01 39 24.9 +1.0
218A	Dragon	35.93 318	UP	P	01 39 26.0 +0.4
119A	Ashpeak Ranch,	35.94 319	UP	P	01 39 26.0 +0.3
V23A	Ortiz Mt. (NFS	36.09 326	UP	P	01 39 27.5 +0.5
Y20A	Horse Springs,	36.10 322	UP	P	01 39 27.3 +0.3
X21A	Alamocita Cree	36.10 323	UP	P	01 39 27.8 +0.8
T25A	Trinidad	36.20 329	UP	P	01 39 28.2 +0.4
118A	Homack Ranch,	36.29 318	UP	P	01 39 28.8 +0.1
217A	Green Valley	36.33 317	UP	P	01 39 28.9 -0.2
T24A	Torres, Weston	36.48 329	UP	P	01 39 31.2 +1.0
U23A	El Rito	36.53 327	UP	P	01 39 31.2 +0.6
X20A	Quemado	36.59 322	UP	P	01 39 32.2 +0.9
Z18A	Geronomo	36.62 319	UP	P	01 39 31.6 +0.2
S25A	Robets Cordova	36.62 330	UP	P	01 39 31.7 +0.3
V22A	San Miguel Ran	36.62 325	UP	P	01 39 31.5 +0.1
Y19A	Nutriosio	36.67 321	UP	P	01 39 32.6 +0.7
117A	Oracle	36.76 318	UP	P	01 39 32.7 +0.1
U22A	Llaves	36.93 326	UP	P	01 39 34.9 +0.9
V21A	Milan	36.96 325	UP	P	01 39 35.1 +0.8
T23A	Casias Ranch,	36.97 328	UP	P	01 39 34.9 +0.5
S24A	Houchin Ranch,	36.99 329	UP	P	01 39 35.2 +0.6
W20A	Ramah	36.99 323	UP	P	01 39 35.5 +0.9
Z17A	San Carlos Hig	37.03 319	UP	P	01 39 35.1 +0.2
Y18A	Canyon Day Jun	37.05 320	UP	P	01 39 35.1 0.0
SDCO	Great Sand Dun	37.22 329	UP	P	01 39 37.1 +0.6
SDCO	Great Sand Dun	37.22 329	eP	P	01 39 36.9 +0.4
116A	Eloy	37.40 317	UP	P	01 39 38.0 -0.2
U21A	Nageezi	37.41 325	UP	P	01 39 38.8 +0.7
T22A	Edith	37.42 327	UP	P	01 39 38.6 +0.4
V20A	Brimhall	37.44 324	UP	P	01 39 38.7 +0.3
X18A	Snowflake	37.48 321	UP	P	01 39 39.2 +0.4
Q25A	Bedland, Calha	37.51 331	UP	P	01 39 39.8 +0.9
Y17A	Roosevelt	37.52 319	UP	P	01 39 39.6 +0.4
Z16A	Perrita Trail,	37.69 318	UP	P	01 39 40.9 +0.3
V19A	Window Rock	37.72 323	UP	P	01 39 41.5 +0.7
W18A	Petrified Fore	37.74 322	UP	P	01 39 41.8 +0.9
T21A	Navajo Lake	37.75 326	UP	P	01 39 42.0 +1.0
214A	Organ Pipe Nat	37.82 315	UP	P	01 39 41.1 -0.6
X17A	Forest Lakes	37.90 320	UP	P	01 39 42.7 +0.3
S22A	4UR Ranch, Cre	37.92 328	UP	P	01 39 43.0 +0.6
P25A	Willow Gulch B	37.95 332	UP	P	01 39 43.4 +0.8
Q24A	Divide	37.98 330	UP	P	01 39 43.6 +0.7
Y16A	Circle Bar Ran	38.05 319	UP	P	01 39 43.9 +0.2
U19A	Saint George,	38.21 324	UP	P	01 39 45.3 +0.4
R22A	Saguache, Gunn	38.24 328	UP	P	01 39 45.8 +0.8
V18A	Ganado	38.25 322	UP	P	01 39 45.6 +0.3
Q23A	Hartsel	38.27 330	UP	P	01 39 45.9 +0.5
X16A	Lo Mia Camp, P	38.36 320	UP	P	01 39 46.3 +0.1
S21A	Co Bank Pass	38.37 327	UP	P	01 39 46.4 +0.1
T19A	Beclabito	38.48 325	UP	P	01 39 47.7 +0.6
P23A	Jefferson	38.64 330	UP	P	01 39 49.5 +1.0
Y15A	Casa Rosa Ranc	38.66 318	UP	P	01 39 48.5 -0.2
U18A	Rough Rock, Ch	38.69 323	UP	P	01 39 49.3 +0.4
V17A	Tonalea, Kykot	38.72 322	UP	P	01 39 49.3 +0.1
ECSD	EROS Data Cent	38.75 343	eP	P	01 39 46.8 -2.5
Q22A	Crested Butte,	38.79 329	UP	P	01 39 50.5 +0.8
S20A	Disappointment	38.81 326	UP	P	01 39 50.6 +0.7
W16A	Flagstaff	38.84 320	UP	P	01 39 50.7 +0.5
ISCO	Idaho Springs	38.86 331	UP	P	01 39 50.2 0.0
ISCO	Idaho Springs	38.86 331	eP	P	01 39 52.6 +2.4
X15A	Humboldt	38.92 319	UP	P	01 39 51.0 +0.1
113A	Melcham Valley,	38.94 316	UP	P	01 39 50.8 -0.3
SMCO	Snowmass	39.06 329	eP	P	01 39 53.0 +1.0
R20A	Redvale	39.08 327	UP	P	01 39 52.6 +0.5
Y14A	Wickenburg	39.10 318	UP	P	01 39 51.8 -0.6
Z13A	Yuma Proving G	39.11 316	UP	P	01 39 52.0 -0.5
Q21A	Washburn Mesa,	39.11 328	UP	P	01 39 53.1 +0.6
PV01	Paradox Valley	39.14 326	eP	P	01 39 53.1 +0.5
S19A	Harvey Farm, M	39.18 325	UP	P	01 39 53.1 0.0
T18A	Mexican Hat	39.18 324	UP	P	01 39 53.2 +0.2
P22A	Eagle	39.27 330	UP	P	01 39 54.0 +0.4
U16A	Tuba City	39.27 322	UP	P	01 39 53.9 +0.1
Q23A	Lake Granby, G	39.32 331	UP	P	01 39 55.1 +1.0
X14A	Yava	39.34 318	UP	P	01 39 54.7 +0.3
W15A	Williams	39.37 320	UP	P	01 39 55.2 +0.6
PV04	Paradox Valley	39.51 326	eP	P	01 39 56.6 +0.8
P21A	Newcastle	39.56 329	UP	P	01 39 57.2 +1.0
Q20A	Ridgely Place,	39.58 328	UP	P	01 39 56.9 +0.6
S18A	Hurst Farm, BI	39.63 325	UP	P	01 39 57.0 +0.2
T17A	Navajo Res., N	39.63 323	UP	P	01 39 57.4 +0.6
R19A	Cutler Farm, L	39.63 326	UP	P	01 39 56.7 -0.1
V15A	Kaibab Nationa	39.71 321	UP	P	01 39 57.8 +0.4
GLA	Glamis	39.84 315	UP	P	01 39 58.6 0.0
W14A	Seligman	39.91 319	UP	P	01 39 59.8 +0.6
Y12C	Blythe	40.02 316	UP	P	01 40 00.2 +0.1
P20A	De Beque	40.03 328	UP	P	01 40 00.3 +0.2
X13A	Yuca	40.03 318	UP	P	01 40 00.6 +0.4
T16A	Glen Canyon Da	40.05 323	UP	P	01 40 00.9 +0.6
R18A	Canyonlands Na	40.05 326	UP	P	01 40 00.1 -0.2
S17A	Black Ridge (B	40.06 324	UP	P	01 40 01.2 +0.9
PDMCI	Parker Dam, Lak	40.07 317	UP	P	01 40 00.7 +0.2
Q19A	Hogan Spring (	40.11 327	UP	P	01 40 00.6 -0.1
U15A	North Rim	40.17 321	UP	P	01 40 01.6 +0.3
V14A	Boquillas Ranc	40.19 320	UP	P	01 40 01.8 +0.4
W13A	Hualapai Mount	40.37 318	UP	P	01 40 03.3 +0.3
Q20A	White River Ci	40.42 329	UP	P	01 40 03.8 +0.5
N21A	Black Mountain	40.53 330	UP	P	01 40 05.3 +1.1
R17A	Hanksville Air	40.54 325	UP	P	01 40 04.5 +0.2
S16A	Wepner Ranch,	40.59 323	UP	P	01 40 04.8 +0.1
T15A	Red Dirt Ranch	40.60 322	UP	P	01 40 05.0 +0.2
BC3	Big Buckwall	40.61 315	UP	P	01 40 04.6 -0.3
BDFB	Brasilia	40.67 124	LR	P	01 56 28.1
IRM	Iron Mountain	40.68 316	UP	P	01 40 04.8 -0.7
Q18A	Rafter H Ranch	40.69 326	UP	P	01 40 06.0 +0.4
U14A	Mt Trumbull	40.72 321	UP	P	01 40 06.0 +0.2
L23A	Garrett	40.72 333	UP	P	01 40 06.3 +0.6
V13A	Grand Canyon W	40.88 319	UP	P	01 40 07.7 +0.5
R16A	Teasdale	40.89 324	UP	P	01 40 07.6 +0.4
SRU	San Rafael	40.91 326	UP	P	01 40 07.4 0.0
SRU	San Rafael	40.91 326	eP	P	01 40 07.4 0.0
N20A	Spence Gulch,	40.95 330	UP	P	01 40 07.9 +0.2
CPUP	Villa Florida	40.98 145	LR	P	01 58 50.2
L22A	Ellis Ranch, M	40.99 332	UP	P	01 40 08.7 +0.8
Q19A	Miners Draw (B	41.00 328	UP	P	01 40 08.3 +0.2
U14A	Hurricane	41.06 321	UP	P	01 40 09.2 +0.5
M21A	Separation Pea	41.10 331	UP	P	01 40 09.3 +0.4
P18A	Preston Nutter	41.12 327	UP	P	01 40 08.9 -0.2
Q16A	Castle Valley	41.14 325	UP	P	01 40 09.7 +0.5
BELO	Belle Mtn. Jos	41.18 316	UP	P	01 40 09.5 -0.1
U13A	Pakoon Wash	41.21 320	UP	P	01 40 10.1 +0.2
P17A	Butcher Ranch,	41.28 326	UP	P	01 40 10.6 +0.2
PFO	Pinyon Flat Ob	41.28 315	UP	P	01 40 10.4 -0.1
L21A</					









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G08A	Pilot Rock	85.74	38	↑	P	03 24 46.9	0.0
S15A	Pangulitch	85.75	47	↑	P	03 24 48.1	+1.0
Z19A	T-Link Ranch,	85.79	52	↑	P	03 24 47.5	+0.1
Q14A	Sevier Lake (B	85.80	46	↑	P	03 24 47.4	+0.1
V17A	Tonalea, Kykot	85.81	49	↑	P	03 24 47.4	-0.1
U16A	Taba City	85.83	49	↑	P	03 24 47.7	+0.2
PMR	Palmer	85.83	14	eP	P	03 24 45.4	-1.5
X18A	Snowflake	85.88	51	↑	P	03 24 48.1	+0.2
120A	U Bar Ranch, L	85.91	53	↑	P	03 24 48.4	+0.4
SYO	Syowa Base	85.92	193f	eP	P	03 24 40.0	-7.4
GVA	Guyang	85.98	300	eP	P	03 24 50.0	+1.6
GVA				pP	P	03 27 01.8	+1.7
GVA				sP	P	03 28 04.3	+2.4
GVA				pp	P	03 28 23.3	+2.5
GVA				SKS	P	03 34 15.5	
GVA				S	P	03 34 31.0	-1.1
GVA				pmax	P		
E07A	Sunnyde	85.98	37	↑	P	03 24 48.1	+0.1
T16A	Glen Canyon Da	85.99	48	↑	P	03 24 48.5	+0.2
RSW	Rattlesnake Hi	86.03	37	eP	P	03 24 48.4	+0.2
HAWA	Hanford	86.06	37	eP	P	03 24 48.4	0.0
R15A	Junction	86.08	47	↑	P	03 24 49.3	+0.7
Y19A	Nutrioso	86.12	51	↑	P	03 24 49.4	+0.5
WRW	Wenatchee Ridg	86.20	35	P	P	03 24 48.8	-0.2
Z20A	Nine Sixteen R	86.20	52	↑	P	03 24 49.8	+0.4
P14A	Drum Mountains	86.25	45	↑	P	03 24 50.9	+1.5
S16A	Weppner Ranch,	86.29	47	↑	P	03 24 49.9	+0.3
Z21A	Mesquite Ranch	86.30	54	↑	P	03 24 50.9	+1.1
X19A	St. Johns	86.31	51	↑	P	03 24 50.8	+1.0
ETW	Enliat	86.34	35	↑	P	03 24 49.6	0.0
E08A	Dider Farm, El	86.39	37	↑	P	03 24 50.2	+0.4
BMO	Blue Mountains	86.45	39	eP	P	03 24 49.7	-0.5
V18A	Ganado	86.47	50	↑	P	03 24 50.6	0.0
T17A	Navajo Res., N	86.48	48	↑	P	03 24 51.1	+0.6
MFID	Camas Ranch	86.53	41	↑	P	03 24 50.6	-0.1
W19A	Sanders	86.57	50	↑	P	03 24 51.4	+0.4
WTV	Waterville	86.60	36	P	P	03 24 50.7	-0.2
R16A	Teasdale	86.65	47	↑	P	03 24 51.7	+0.4
DUG	Dugway	86.73	45	↑	P	03 24 52.2	+0.6
Y20A	Horse Springs,	86.74	52	↑	P	03 24 52.5	+0.7
D08A	Wollman Farm,	86.79	36	↑	P	03 24 51.6	-0.1
S17A	Black Ridge (B	86.80	48	↑	P	03 24 51.6	-0.4
A18A	Rough Rock, Ch	86.85	49	↑	P	03 24 52.3	-0.1
E09A	Wood Farm, Sta	86.91	37	↑	P	03 24 51.9	-0.5
X20A	Quemado	86.94	51	↑	P	03 24 52.9	+0.1
Z21A	St. Cloud Mine	86.98	53	↑	P	03 24 53.1	+0.2
OD2	Odessa Site #2	87.10	36	P	P	03 24 53.0	-0.2
F10A	Beach Ranch, E	87.13	38	↑	P	03 24 52.8	-0.6
I12A	Atlanta	87.16	41	↑	P	03 24 53.7	+0.1
Q16A	Castle Valley	87.18	46	↑	P	03 24 54.4	+0.6
T18A	Mexican Hat	87.20	48	↑	P	03 24 53.7	-0.2
W20A	Ramah	87.22	51	↑	P	03 24 54.4	+0.4
TRF	Thorofare Moun	87.24	13	eP	P	03 24 52.0	-1.5
R17A	Hanksville Air	87.25	47	↑	P	03 24 54.1	0.0
U19A	Dine' College,	87.26	49	↑	P	03 24 54.3	0.0
N15A	Stansbury Isla	87.28	44	↑	P	03 24 55.1	+0.9
Y21A	Point of Rocks	87.30	52	↑	P	03 24 54.9	+0.4
B08A	Colville Reser	87.33	35	↑	P	03 24 53.7	-0.6
L14A	Malta	87.41	43	↑	P	03 24 55.2	+0.4
X21A	Alamocita Cree	87.42	52	↑	P	03 24 55.5	+0.4
HLID	Hailey	87.48	41	↑	P	03 24 55.2	+0.1
HLID	Hailey	87.48	41	eP	P	03 24 55.4	+0.3
Z22A	Elephant Butte	87.48	53	↑	P	03 24 55.5	+0.2
J13A	Cove Ranch, Pi	87.54	41	↑	P	03 24 55.6	+0.2
SPUT	South Promonto	87.54	44	eP	P	03 24 55.6	+0.2
HVU	Hansel Valley	87.57	43	eP	P	03 24 56.5	+0.9
C09A	Chrisman Ranch	87.58	36	↑	P	03 24 55.3	-0.1
O16A	Springville	87.60	45	↑	P	03 24 56.2	+0.4
M15A	Larsen Ranch,	87.62	44	↑	P	03 24 55.4	-0.4
BPAW	Bear Paw Mtn.	87.69	12	eP	P	03 24 53.8	-1.8
K14A	Jones Ranch, D	87.71	43	↑	P	03 24 56.1	-0.1
H12A	Diamond D Ranch	87.74	40	↑	P	03 24 56.1	-0.1
MCK	McKinley	87.77	13	eP	P	03 24 54.6	-1.4
G12A	Big Creek, Yel	87.77	39	↑	P	03 24 56.5	+0.2
R18A	Canyonlands Na	87.79	47	↑	P	03 24 56.9	+0.2
324A	Moseley Ranch,	87.79	55	↑	P	03 24 56.7	-0.2
Y22A	Socorro	87.79	52	↑	P	03 24 56.6	-0.1
I13A	Wildhorse Cree	87.85	41	↑	P	03 24 57.0	+0.2
DAU	Daniels Canyon	87.87	45	eP	P	03 24 58.0	+1.1
LAZ	Ladron	87.87	52	eP	P	03 24 57.3	+0.2
425A	Indio Mountain	87.89	56	↑	P	03 24 57.3	0.0
J14A	Carey	87.91	42	↑	P	03 24 57.5	+0.5
L15A	Malad City	87.94	43	↑	P	03 24 56.8	-0.4
N16A	Rees Ranch, Co	87.99	45	↑	P	03 24 57.8	+0.3
S19A	Harvey Farm, M	88.00	48	↑	P	03 24 57.6	-0.1
626A	Big Bend Ranch	88.02	57	↑	P	03 24 57.9	0.0
Z23A	Rita Site, Whi	88.03	53	↑	P	03 24 58.2	+0.2
224A	Cornudas Mount	88.04	55	↑	P	03 24 58.2	+0.2
M16A	Huntsville	88.08	44	↑	P	03 24 57.6	-0.3
MAIT	Maitri	88.08	184	eP	P	03 24 56.4	-1.1
O17A	Robinson Place	88.10	45	↑	P	03 24 58.4	+0.3

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H13A	Challis	88.11	40	↑	P	03 24 57.9	0.0
325A	Bean Ranch, Si	88.15	55	↑	P	03 24 58.2	-0.3
F12A	Elk City	88.16	39	↑	P	03 24 57.8	-0.4
R19A	Curley Farm, L	88.18	48	↑	P	03 24 57.9	-0.5
K15A	Arbon	88.19	43	↑	P	03 24 58.3	-0.1
HWUT	Hardware Ranch	88.26	44	eP	P	03 24 58.2	-0.5
I14A	Meadow	88.26	41	↑	P	03 24 59.1	+0.3
526A	Mary Lane Ranc	88.27	57	↑	P	03 24 59.2	+0.1
MENT	Mentasta	88.28	15	eP	P	03 24 58.2	-0.1
TXAR	Lajitas Array	88.29	58	↑	P	03 24 57.7	+0.5
TXAR				pP	P	03 27 16.2	+4.5
TXAR				pP	P	03 27 16.2	+4.5
TXAR				pP	P	03 24 59.1	+0.2
E12A	Beaver Dam Sad	88.33	38	↑	P	03 24 59.6	+0.1
124A	Stringfield Ra	88.37	54	↑	P	03 24 59.4	0.0
PV10	Paradox Valley	88.37	48	eP	P	03 24 59.0	0.0
G13A	Cobalt	88.41	40	↑	P	03 24 59.1	-0.2
N17A	Moffit Pass	88.41	45	↑	P	03 24 59.7	+0.2
U21A	Nageezi	88.43	50	↑	P	03 24 59.5	-0.2
Y23A	Lovelace Mesa,	88.46	53	↑	P	03 24 59.7	-0.2
NEW	Newport	88.48	36	↑	P	03 24 59.4	-0.2
Q19A	Hogan Spring (	88.50	47	↑	P	03 24 59.6	-0.3
L16A	Fish Haven	88.56	44	↑	P	03 24 59.8	-0.3
627A	Terlingua Ranc	88.56	58	↑	P	03 25 00.4	0.0
426A	McDonald Obser	88.58	56	↑	P	03 25 00.5	0.0
PV01	Paradox Valley	88.58	48	eP	P	03 24 59.7	-0.7
S20A	Disappointment	88.59	48	↑	P	03 25 00.3	-0.1
225A	Deer Hill, Car	88.59	55	↑	P	03 25 00.7	+0.2
ANMO	Albuquerque	88.62	52	P	P	03 25 00.5	-0.1
ANMO	Albuquerque	88.62	52	eP	P	03 25 00.3	-0.3
O18A	Roosevelt	88.62	46	↑	P	03 25 00.1	-0.4
KMI	Kunming	88.63	297	P	P	03 25 03.0	+2.1
H14A	Leadore	88.68	41	↑	P	03 25 00.6	-0.1
527A	Woodward Ranch	88.68	57	↑	P	03 25 00.6	-0.4
Z24A	Sheepen Canyo	88.71	54	↑	P	03 25 01.1	0.0
F13A	Darby	88.72	39	↑	P	03 25 00.3	-0.5
C11A	Tepee Creek (N	88.73	37	↑	P	03 25 00.4	-0.4
V22A	San Miguel Ran	88.73	51	↑	P	03 25 00.7	-0.4
R20A	Redvale	88.74	48	↑	P	03 25 00.5	-0.6
M17A	Scully's Gap (B	88.78	44	↑	P	03 25 00.9	-0.3
DOT	Dot Lake	88.79	15	eP	P	03 25 00.1	-0.6
D12A	Red Ives Fores	88.80	38	↑	P	03 25 00.7	-0.4
K16A	Soda Springs	88.87	43	↑	P	03 25 01.8	+0.3
326A	Caldwell Ranch	88.89	56	↑	P	03 25 01.6	-0.4
S21A	Coal Bank Pass	88.91	49	↑	P	03 25 01.8	0.0
Y24A	Capitan	88.92	53	↑	P	03 25 01.9	-0.1
125A	Gardner Draw,	88.95	54	↑	P	03 25 02.0	-0.2
L17A	Cokeville	88.96	44	↑	P	03 25 01.3	-0.7
628A	Black Gap, Mar	88.97	58	↑	P	03 25 02.1	-0.2
U22A	Llaves	88.98	50	↑	P	03 25 02.4	+0.1
COLA	College	89.00	13	eP	P	03 25 00.1	-1.5
DLBC	Dease Lake	89.01	23	P	P	03 25 02.0	+0.2
P19A	Cripple Cowboy	89.01	47	↑	P	03 25 02.6	+0.2
J16A	Bot	89.07	42	↑	P	03 25 02.8	+0.3
C12B	Naegeli Ranch,	89.09	37	↑	P	03 25 02.2	-0.3
MCMT	McKenzie Canyo	89.10	41	eP	P	03 25 02.4	-0.2
226A	Malaga, Loving	89.12	55	↑	P	03 25 02.6	-0.4
H15A	Lima	89.12	41	↑	P	03 25 02.9	+0.3
ILAR	Eielson Array	89.12	13	P	P	03 25 00.4	-1.8
427A	Hayter Ranch,	89.14	56	↑	P	03 25 03.2	0.0
E13A	Victor	89.15	39	↑	P	03 25 02.1	-0.7
M18A	Lyman	89.15	45	↑	P	03 25 02.7	-0.2
Q20A	Ridley Place,	89.16	47	↑	P	03 25 03.6	+0.6
Z25A	Roswell	89.18	54	↑	P	03 25 03.2	0.0
V23A	Ortiz Mt. (NFS	89.18	51	↑	P	03 25 03.1	-0.1
N18A	Larsen Ranch,	89.19	45	↑	P	03 25 02.7	-0.4
O19A	Miners Draw (B	89.23	46	↑	P	03 25 02.8	-0.5
T22A	Edith	89.24	50	↑	P	03 25 03.0	-0.4
K17A	Gardner Place,	89.25	43	↑	P	03 25 03.3	0.0
CMAR	Chiang Mai Arr	89.27	290	P	P	03 25 05.5	+1.5
RR12	Red Ridge	89.30	43	eP	P	03 25 03.6	0.0
F14A	Wisdom	89.30	40	↑	P	03 25 03.9	+0.4
528A	Cox Ranch, San	89.33	57	↑	P	03 25 03.9	-0.2
D13A	Huson	89.34	38	↑	P	03 25 04.1	+0.4
P20A	De Beque	89.35	47	↑	P	03 25 03.7	-0.2
R21A	Cimarron	89.40	48	↑	P	03 25 04.1	-0.1
L18A	Fontenelle, Gr	89.41	44	↑	P	03 25 04.2	+0.1
U23A	El Rito	89.44	51	↑	P	03 25 04.2	-0.2
I16A	Newdale	89.45	42	↑	P	03 25 04.7	+0.5
Y25A	Mesa, Roswell	89.47	53	↑	P	03 25 04.0	-0.6
N19A	John Jarvis Ra	89.48	45	↑	P	03 25 04.0	-0.5



Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like J21A Lysite, JCT Junction City, L22A Ellis Ranch, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BRG comp=Z,16nm,1.3s, VOIR comp=Z,3.3nm,1.0s, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KIC Kosan Boka, TIC Toumudi, DBIC comp=Z,1.6nm,0.8s, etc.

29d 3h

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like WRA, ASAR, KAKA, etc.

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Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like B08A, X20A, Y22A, etc.

1210

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like RLMT, D17A, I20A, etc.

NEIC 29 03:29:23.4, 19 01'N:68 61'W, h182km, MD3.9(RSPR), After RSPR.

RSPR 29 03:29:23.4, 19 01'N:68 61'W, h182km, 3km, MD3.9/6, 5C-10, North Atlantic Ocean

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like AGPR, CACH, CRPR, etc.

NEIC 29 03:40:43.0, 34 48'S:70 66'W, h107km, mb4.0/1, MD3.4(GUC), After GUC.

GUC 29 03:40:43.0, 34 48'S:70 66'W, h107km, 3km, MD3.4, ML3.6, 14C-10D, Chile-Argentina border region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like CACH, CHCH, LNV, etc.



29d 4h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PLOST, MLR, VOIR, AKASG, etc.

2008 SEP

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LASF, GIVF, SMF, LOR, etc.

1212

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

NEIC 29 04:27:15.9, 16:21N-98:21W, h4km, MD3.9(MEX), After MEX.

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

TEH 29 04:30:20.8, 26:70N-56:11E, h6km. OMAN 29 04:30:21.8, 11.0, 26:95N-56:14E, h3km, 39km, Error ellipse: s-maj=10.0km, s-min=80.6km, az=50.0.

ISCJB 29 04:30:22.3, 0.5, 26:94N-0:03:55.97E, h10km, Error ellipse: s-maj=8.1km, s-min=4.2km, az=6.5.

CSEM 29 04:30:22.1, 0.2, 26:93N-56:00E, h2km, ML2.9, Error ellipse: s-maj=1.1km, s-min=3.0km, az=91.0.

ISC 29 04:30:23.0, 0.5, 26:91N-0:03:56.05E, h10km, n18, 0:657/22, 2D, Southern Iran.

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

IDC 29 04:34:03.6, 1.6, 7:76S: 129:46E, h35km, mb4.0/2, mb1.4, 3.5, mb1mx3.9, 16, mbtrmp4.2/5, ML4.4, 3/3, MS2.9/1, Ms1 2.9/1, ms1mx2.6/20, Error ellipse: s-maj=66.8km.

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

CASC 29 04:10:22.6, 2.3, 13:37N-90:22W, h30km, gkm, MD3.5, Near coast of Guatemala.





Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songoing Array, NVAR Mina Array Bea, ILAR Eielson Array, GERES GERRS Array B 144.25 332 PKP.

ISC 29 06:16:36.1±22.0, 31.52N±78.62E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/26, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=822.2km s-min=48.6km az=82.0

ISC 29 06:15:59.4±2.0, 31.07N±0.08±69.5E±0.2, h35km, n13, c073/15, mb3.4/2, 1C-1D, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THW Thamme Wali, SARP Sarp, CEP Cherat, DANN Dangsing, KOLN Koldanda, GKN Gorkha, DMN Daman, KKN Kakani, PKI Pulchoki, GUN Gumba, MKAR Makanchi Array, WRA Warrungarra Arr, ASAR Alice Springs.

ISC/BJ 29 06:39:43.6±0.6, 48.44S±0.08±87.2W±0.2, h10km, mb4.0/12, MS3.7/8, Error ellipse: s-maj=16.9km s-min=10.8km az=1.5

ISC 29 06:39:43.3±0.7, 48.37S±87.31W, h0km, mb4.0/7, mb1 4.1/8, mb1mx4.0/17, mbtmp3.9/6, ML3.5/1, MS3.7/9, ms1 3.7/9, ms1mx3.6/19, Error ellipse: s-maj=30.7km s-min=18.0km az=101.0

NEIC 29 06:39:44.0±0.4, 48.41S±87.33W, h10km, mb4.3/7, Error ellipse: s-maj=14.4km s-min=10.7km az=118.0

ISC 29 06:39:45.2±0.6, 48.45S±0.07±87.2W±0.2, h10km, n32, c084/21, mb4.0/13, MS3.7/8, Southern Pacific Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, TRQA Torquiste, CFAA Coronel Fontan, CFAA Villia Florida, CPUP Villia Florida, LPAZ La Paz, LPAZ Neumayer Olymp, VNA3 Neumayer-Stat, VNA1 Neumayer-Stat, QSPA South Pole Qui, QSPA South Pole Qui, QSPA Neumayer-Watz, SNA3 Sanae, BDFB Brasilia, BDFB Otavalo, ROSC El Rosal, PPT Papeete, PPT Papeete, MAW Mawson, MAW Mawson, TXAR Lajitas Array, SWET Sewanee, WMOK Wichita Mounta, ANMO Albuquerque, KSUI Kansas State U, STKA Stephens Creek, DBIC Dimbokro, NVAR Mina Array Bea, NVAR Mina Array Bea, ILAR Eielson Array, BRTR Keskin Array B, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai.

IGQ 29 06:53:13.6±0.16S±78.64W, h5km±2km, Mb4.0, Ms3.8, 25C-2D, Error ellipse: s-maj=2.1km s-min=0.9km az=12.8, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERV Terraza Guagua, GGP Refugio Guagua, JUA2 San Juan 2, YANA Yana, PITA Cotopaxi Volc, Nasa Nasa, NAS2 Nasa, CAMI Rancho Maria, VCI Cotopaxi 1, BREF Cotopaxi Volca, BV2C Cotopaxi Volca, ANTI Antisana, ANTI Antisana, BTAM Cotopaxi Volca, COTA Cotacachi, COVI Cotopaxi Volca, MOVI Cotopaxi Volca, BMOR Cotopaxi Volca, TAMB Tambora, CAYR Refugio Cayamb, CAYR Refugio Cayamb, CAYA Cayambe, PISA Pisyayambo, LITE Lita, LITE Lita, CONE Cono NE Rev Vol.

Table with columns: BRUN Tungurahua Vol, BMAS Trigal station, ARRY Arayan, ARRY Arayan, PATI Patococha.

KISR 29 06:55:51.9±1.0, 31.45N±45.78E, h2km±99km, ML2.6, TEH 29 06:55:55.3±2.31N±47.45E, h34km, ISC 29 06:55:51.2±2.3221N±0.05±47.37E±0.09, h7km±18km, n11, c0570/16, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IKOM Komasi, IGHG Ghaleghazi, IGHV Veis, IVIS Veis, MIB Mutribah, IDHR Dehrash, NAY Al-Naieem, IPIR Pirpir, RDF Al-Radiah, IKLH Kohalrood, IGAR Gharneh, IZEF Zefreh.

ISC 29 06:56:15.6±1.1, 13.26N±120.29E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/21, mbtmp3.9/4, MS2.5/1, Ms1 2.5/1, ms1mx2.4/28, Error ellipse: s-maj=25.6km s-min=12.0km az=113.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, DAV Davao City W, WRA Warrungarra Arr, SONM Songoing Array, ASAR Alice Springs, MKAR Makanchi Array.

TAP 29 07:11:36.4±2.378N±121.64E, h39km±1km, ML3.5, D, ISC/BJ 29 07:11:37.0±0.3, 23.79N±102.121±63E±0.02, h40km±6km, Error ellipse: s-maj=3.8km s-min=2.7km az=41.5

JMA 29 07:11:37.6±0.1, 24.31N±121.77E, h110km, ISC 29 07:11:37.8±0.3, 23.79N±102.121±62E±0.02, h38km±5km, n40, c074/74, 1C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TEGC Jichi Village, ESF Chengtung Towns, HWA Hualien, TWD Chiawan, TWD Chiawan, EHY Hungye, EHY Hungye, WHF Hehuan Shan, WHF Hehuan Shan, TWF Yuli, TWF Yuli, TWF1 Yuli, TWT Tachien, TWT Tachien, SMLT Sun Moon Lake, SMLT Sun Moon Lake, YUS Yu-Shan, YUS Yu-Shan, TYC Yuchih, TYC Yuchih, CHKT Chengkung, CHKT Chengkung, ALS Alishan, ALS Alishan, ELDTW Lidau, ELDTW Lidau, WNT Mingjian, WNT Mingjian, CHNS Tsauling, CHNS Tsauling, CHNS Tsauling, NSK Sangang, NSK Sangang, TWE Neicheng, TWE Neicheng, TCU Taichung, TCU Taichung, TQW1 Lyutan, TQW1 Lyutan, WGW Gulung, WGW Gulung.

Table with columns: NSY Sanyi, NSY Sanyi, STYT Tauvan, STYT Tauvan, NSTT Nanjuang, NSTT Nanjuang, WTP Ta-pu, WTP Ta-pu, TWG Pinlang, TWG Pinlang, CHNI Nanshi, CHNI Nanshi, SGST, SGST, SGST, SGST, TWA Mucha, TWA Mucha, WTCT Ta-cheng, WTCT Ta-cheng, WTCT, WTCT, NWF1 Santiago Chiao, NWF1 Santiago Chiao, NWF Wu-fen Shan, NWF Wu-fen Shan, TWS1 Jiashian, TWS1 Jiashian, TWS1, TWS1, YJY Yongguni jima, YJY Yongguni jima, TWM1 Shoushan, TWM1 Shoushan, EAST Anshuo, EAST Anshuo, SCZT Fangliang, SCZT Fangliang, SCZT, SCZT, IRIF Iriomote-Funau, IRIF Iriomote-Funau, JKRS Kuro-shima, JKRS Kuro-shima, JKRS Hiragaki jima, JKRS Hiragaki jima.

ISC 29 07:15:09.0±0.7, 0.31S±125.06E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.9/19, mbtmp3.9/10, MS3.1/1, Ms1 3.1/1, ms1mx2.4/26, Error ellipse: s-maj=46.9km s-min=16.3km az=68.0

DJA 29 07:15:14.0±0.34S±125.41E, h1km, MLV3.9/6, ISC/BJ 29 07:15:17.2±0.5, 0.30S±0.04±125.47E±0.04, h78km±6km, mb4.0/14, Error ellipse: s-maj=7.8km s-min=5.3km az=32.2

NEIC 29 07:15:19.4±2.7, 0.31S±125.42E, h83km±26km, mb4.1/6, Error ellipse: s-maj=24.4km s-min=10.4km az=48.0

ISC 29 07:15:18.1±0.5, 0.29S±0.04±125.47E±0.04, h70km±6km, n32, c132/36, mb4.0/14, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMSI Cibinong, KMSI Cibinong, MNI Manado, MNI Manado, LBMI Labuha, LBMI Labuha, TNTI Ternate, TNTI Ternate, LUWI Luwuk, LUWI Luwuk, NLAJ Namlea, NLAJ Namlea, MRSI Marisa, MRSI Marisa, APSI Ampana, APSI Ampana, KDI Kendari, KDI Kendari, TTSI Tana Toraja, TTSI Tana Toraja, DAV Davao City (W), DAV Davao City (W), KAKA Kuching, KAKA Kuching, KSM Kuching, KSM Kuching, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warrungarra Arr, WRA Warrungarra Arr, COEN Coen, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, SONM Songoing Array, SONM Songoing Array, PETK Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, AML Almayashu, AML Almayashu, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, ABKAR Akbulak array, ABKAR Akbulak array, AKTK Aktyubinsk, AKTK Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, ILAR Eielson Array, ILAR Eielson Array, BRTR Keskin Array B, BRTR Keskin Array B, TORD Torodi Arr, TORD Torodi Arr, TXAR Lajitas Array, TXAR Lajitas Array.

DDA 29 07:16:40.9±39.14N±29.44E, h14km±2km, MD3.4, ISC 29 07:16:40.5±39.15N±29.41E, h5km, ML3.4, ISC/BJ 29 07:16:41.6±0.5, 39.16N±0.02±29.42E±0.03, h3km±4km, Error ellipse: s-maj=3.3km s-min=2.9km az=156.8

CSEM 29 07:16:41.9±0.1, 39.16N±29.43E, h2km, MD3.4, Error ellipse: s-maj=1.1km s-min=1.8km az=75.0

ISC 29 07:16:42.0±0.5, 39.16N±0.02±29.41E±0.02, h1km±4km, n127, c069/166, 8C-5D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GDZ Gediz, GDZ Gediz, DEMI Demirci, DEMI Demirci, DEMI Demirci, DEMI Demirci, KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, DURS Dursunbey, DURS Dursunbey, DURS Dursunbey, DURS Dursunbey.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KULA, SHUT, CAVI, ESKISEH, AKHISAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA, NEM2, JRA, JNK, etc.

Code Station Name Azimuth Phase ID Time Res
JMA 29 07:29:22.5:0.2, 43.82N:147.64E, h13km, M3.5, Kuril Islands
NEM2 Nemuro 2 1.45 252 Op ISC h m s ISC
JRA Rausu 1.82 275 P S Pn 09 54.3 +0.8

ISCJB 29 08:34:15.7:1.5, 2.9S:0.1, 129.63E:0.08, h68km, 14km, mb4.0/6, Error ellipse: s-maj=22.3km s-min=10.1km az=25.8

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

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

MEX 29 08:36:07.8:1.2, 14.35N:94.00W, h13km, 22km, MD3.9, Off coast of Chiapas
Code Station Name Azimuth Phase ID Time Res

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

ISCJB 29 08:36:38.4:0.7, 60.2S:0.1, 125.7W:0.3, h10km, mb4.2/10, MS3.6/6, Error ellipse: s-maj=26.8km s-min=8.5km az=141.0

ISC 29 08:36:40.6:0.7, 59.83S:25.91W, h0km, mb4.1/8, mb1.4/2.8, mb1mx4.1/16, mbtmp4.1/8, MS3.5/7, ms1mx3.4/21, Error ellipse: s-maj=27.4km s-min=17.8km az=37.0

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

mb1 3.9/3, mb1mx3.6/15, mbtmp3.7/3, Error ellipse: s-maj=96.85km s-min=151.7km az=82.0, Fiji Islands region

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

ISC 29 08:52:36.6:2.8, 12.87S:167.14E, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.5/16, mbtmp3.4/4, Error ellipse: s-maj=129.5km s-min=31.6km az=136.0, Santa Cruz Islands

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

NAO 29 08:59:27.9:1.5, 71.25N:4.169W, ML2.6, ISCJB 29 08:59:28.3:0.6, 71.36N:0.07:4.6W, 0.2, h10km, mb3.3/5, Error ellipse: s-maj=10.6km s-min=7.5km az=166.3

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

ISC 29 08:59:30.1:0.6, 71.31N:0.07:4.8W:0.2, h10km, n19, c1410/18, mb3.3/5, Jan Mayen Island region

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

CSEM 29 09:05:38.0:38.42N:29.78W, h10km, ML2.7, After PDA PDA 29 09:05:38.0:0.8, 38.42N:29.78W, h10km, MD3.5, ML2.7, Error ellipse: s-maj=21.7km s-min=7.3km az=170.0, Azores Islands

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

ISC 29 09:36:25.1:0.8, 9.75S:113.36E, h0km, mb4.0/8, mb1.4/1.8, mb1mx4.0/17, mbtmp4.0/8, MS3.1/1, Ms1 3.1/1, ms1mx2.6/24, Error ellipse: s-maj=42.8km s-min=16.3km az=5.0

ISC 29 09:36:32.0:0.8, 9.70S:0.07:113.55E:0.03, h71km, gkm, mb3.9/9, Error ellipse: s-maj=11.9km s-min=5.1km az=12.2

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

29d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, WRA Alice Springs, ASAR, CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songino Array, SONM, MKAR Makanchi Array, MAW Mawson, ABKAR Akbulak array, BRTR Keskin Array.

ISCJB 29 09:51:23.4 1.5, 5.4S:0.1:146.8E:0.1, h230km, 18km, mb3.6/5, Error ellipse: s-maj=24.3km s-min=13.0km az=40.2

NEIC 29 09:51:23.7 1.9, 5.30S:146.79E, h218km, 21km, Error ellipse: s-maj=22.7km s-min=12.3km az=151.0

IDC 29 09:51:26.2 2.5, 5.46S:146.79E, h245km, 26km, mb3.3/5, mb1 3.5/8, mb1mx3.4/18, mbtmp3.4/8, Error ellipse: s-maj=30.1km s-min=10.9km az=112.0

ISC 29 09:51:24.0 1.5, 5.35S:0.1:146.8E:0.1, h220km, 16km, n13, c0574/14, mb3.6/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, COEN Coen, HNR Honiara, CTA Charters Tower, KAKA Kakadu, WRA Warrungarra Arr, WRA, ASAR Alice Springs, ASAR, FITZ Fitzroy Crossi, KSRS Korea Array, SONM Songino Array, ILAR Eielson Array, TORD Torodi Ar. Bea.

ISCJB 29 10:19:21.8 0.9, 36.71N:0.05:7.24W:0.04, h61km, 11km, Error ellipse: s-maj=8.4km s-min=5.2km az=5.6

MDD 29 10:19:22.8 1.0, 36.63N:7.26W, h39km, 18km, mbLg2.1/8, Error ellipse: s-maj=10.8km s-min=5.4km az=12.0, PRXIMO

CSEM 29 10:19:22.7 0.3, 36.69N:7.24W, h40km, ML1.7, Error ellipse: s-maj=5.3km s-min=3.2km az=3.0

IGIL 29 10:19:23.3, 36.66N:7.30W, h21km

NEIC 29 10:19:23.1, 36.66N:7.25W, h48km, MG3.8(MDD), After MDD

INMG 29 10:19:23.1 1.2, 36.61N:7.30W, h30km, 11km, ML1.7, Error ellipse: s-maj=4.9km s-min=4.4km az=15.0

ISC 29 10:19:22.6 0.9, 36.69N:0.05:7.24W:0.04, h46km, 23km, n53, c065/93, 1C-3D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBDV Barranco-do-Ve, PBDV, PVAQ Vaqueiros, PVAQ, EGRO El Granado, EGRO, ESPR Espera, ESPR, EMIN Mina Concepcio, EMIN, MORF Marmete, MORF, PFVI Vila Bisbo, PFVI, MESJ Messejana, MESJ, PTEO Sao Teotonio, PTEO, PBAR Barrancos, PBAR.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBAR Barrancos, PBAR, ECAB El Cabril, ECAB, ECAB, ECAB, MOE Monteror, MOE, EBAD Badajoz, EBAD, EBAD, PESTR Estremo, PESTR, PESTR, PESTR, PMTG Montargil, PMTG, PMTG, EADA Adamuz, EADA, PMRV Marv??o, PMRV, PMRV, PMRV, PCBR Castelo Branco, PCBR, PCBR, PCBR, EPLA Plascencia, EPLA, EPLA, EPLA.

ISCJB 29 10:30:25.9 0.8, 37.35N:0.07:71.8E:0.2, h116km, 50km, Error ellipse: s-maj=26.6km s-min=10.3km az=8.9

NIC 29 10:30:27.2 0.9, 37.64N:71.82E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=55.9km s-min=40.0km az=172.0

ISC 29 10:30:27.1 1.0, 37.33N:0.06:71.8E:0.2, h123km, 40km, n5, c053/8, 3C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, CEP, CHCP Chirah Chowk, KK31 Karatay Array, KK31, TKM2 Tokmak 2, TKM2, AB31 Akbulak array, AB31.

IDC 29 10:37:55.8 0.7, 55.48N:164.23E, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.8/27, mbtmp3.8/12, MS3.4/3, Ms1 3.4/3, ms1mx2.7/48, Error ellipse: s-maj=34.3km s-min=13.9km az=155.0

KRSC 29 10:37:59.4 0.7, 55.31N:164.25E, h39km, 24km, ML4.5 MOS 29 10:37:59.7 1.5, 55.33N:164.24E, h47km, mb4.0/7, Error ellipse: s-maj=15.1km s-min=10.2km az=55.0

NEIC 29 10:38:00.5 2.8, 55.43N:164.23E, h30km, 21km, mb4.0/2, Error ellipse: s-maj=13.5km s-min=7.1km az=166.0

ISC 29 10:37:57.3 1.0, 55.32N:0.05:164.29E:0.05, h6km, 7km, n60, c110/72, mb3.8/12, MS3.4/3, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKI Bering, BKI, KBTR Krutoberegovo, KBTR, KBTR, MKZ Mys Kozlova, MKZ, SMKR Semkarok, ZLN Zelenaya, BDR Baidaraya, SRKA Sorokina, BZMR Bzymyannaya, KLY Klyuzhki, KLY, KRSR Kirshevskiy, KIRR Kirishov, KMINR Kamenistaya, TUMR Tumrok, KPT Kopyto, KOZR Kozyr, KOZ, SRDR Sredinyan, SPN, SPN, SPN, SPN, NLC Nalytchevo, NLC, AVH Avacha, AVH, PET Petropavlovsk, PET, PET, PET, GNL Ganaly, PETK, PETK, PETK, PETK, SKR Severo-Kuril's, SKR, SKR.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, ASAJ Asahikawa, ASAJ, TIXI Tiksi, TIXI, KDKA Kodiak Island, KDKA, ILAR Eielson Array, ILAR, ILAR, MJAR Matsushiro Arr, MJAR, MJAR, SONM Songino Array, SONM, SONM, ZALV Zalesovo Beam, ZALV, MKAR Makanchi Array, MKAR, MKAR, NVAR Mina Array Bea, NVAR, CMAR Chiang Mai Arr, CMAR, CMAR, WRA Warrungarra Arr, WRA, WRA, PPT Papeete, PPT, ASAR Alice Springs, ASAR, ASAR, ASAR.

ISCJB 29 10:52:37.5 2.4, 2.0N:0.2:128.2E:0.2, h136km, 21km, mb3.8/5, Error ellipse: s-maj=40.8km s-min=16.3km az=143.5

IDC 29 10:52:38.6 8.9, 1.97N:128.41E, h131km, 85km, mb3.6/5, mb1 3.7/5, mb1mx3.4/17, mbtmp3.6/5, Error ellipse: s-maj=10.1km s-min=17.2km az=69.0

DJA 29 10:52:54.1, 1.12N:127.28E, h46km, MLv3.1/3

ISC 29 10:52:38.2 2.5, 1.9N:0.2:128.2E:0.2, h131km, 21km, n10, c050/10, mb3.8/5, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, LBMI Labuha, MNI Manado, MNI, MRSI Marisa, WRA Warrungarra Arr, ASAR Alice Springs, ASAR, STKA Stephens Creek, SONM Songino Array, MKAR Makanchi Array.

IDC 29 11:01:55.9 2.5, 0.96N:125.89E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/21, mbtmp3.8/4, Error ellipse: s-maj=152.5km s-min=24.5km az=67.0

ISCJB 29 11:02:04.7 0.8, 0.90N:0.05:125.66E:0.1, h88km, 7km, mb3.6/4, Error ellipse: s-maj=15.6km s-min=7.6km az=174.5

MAN 29 11:02:07.0, 0.88N:125.54E, h45km, mb4.4, ML3.2, MS3.1

ISC 29 11:02:05.8 0.8, 0.91N:0.05:125.64E:0.1, h75km, 8km, n13, c1907/18, mb3.6/4, 2C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLP Palo, BESP Borongan, OCLP Ormoc, MSP Maasin, MSCP Sirgao, SCNP Catarman, TBP Tagbilaran, TBP, GUIM Jordan, BUKP Musdan, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array.

ISK 29 11:02:24.7, 38.39N:38.91E, h5km, MD3.3

ISCJB 29 11:02:25.3 0.5, 38.37N:0.03:38.89E:0.03, h2km, 5km, Error ellipse: s-maj=4.8km s-min=3.5km az=135.3

CSEM 29 11:02:25.4 0.2, 38.38N:38.90E, h2km, ML3.6, Error ellipse: s-maj=9.9km s-min=8.6km az=144.0

DDA 29 11:02:25.3, 38.37N:38.89E, h7km, 4km, Md3.4, M13.6

ISC 29 11:02:25.9 0.4, 38.37N:0.02:38.90E:0.03, h5km, 5km, n37, c083/50, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, ELZG, ELZG, SVRC Sivrice-ELAZID, SVRC, SVRC, MYA Malataya, MYA, PTK Pertek, PTK, AKCD Akcadag, AKCD, AKCD, AKCD, URFA Urfa, URFA, URFA, URFA.



29d 11h

2000 SEP

1218

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Druitiere, Dobruska-Polom, Gorron, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, MOF, HNF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CRVS, DAVOX, KOLS, etc.



29d 11h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like E18A Harlowton, D16A Dana Ranch, BSMT Bassou Peak, etc.

2008 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like L22A Ellis Ranch, F07A Phinny Hill Vi, M24A Cheyenne, etc.

1220

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like DUG Dugway, DUG Dugway, DUG Dugway, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Station Class. Includes stations like Lazy 6 Ranch, Dine' College, CR and CF Fran, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Station Class. Includes stations like Humboldt, Bell Site, Whi, Canyon Day Jun, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Station Class. Includes stations like Matushiro Arr, Nanjing, WHN, GYA, etc.



Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TRIZ, KALE, RLS, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRTR, ESCD, HFS, etc.

NEIC 29 12:43:45.6, 16:94N-95:40W, h138km, MD3.9(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like OXAX, VHO, VHO, etc.

ISCJB 29 13:00:54.2, 0.8, 6:7N, 0.1, 126:1E, 0.1, h152km, 8km, mb3.6/4, Error ellipse: s-maj=24.9km s-min=17.5km

ICD 29 13:00:55.1, 1.7, 6:75N, 126:12E, h146km, 9km, mb3.2/4, mb1.3, 4/4, mb1mx3, 1/21, mbtmp3, 2/4, Error ellipse: s-maj=78.2km s-min=18.5km az=68.0

ISC 29 13:00:55.4, 0.8, 6:7N, 0.1, 126:1E, 0.1, h146km, 8km, m10, 0:57/13, mb3.6/4, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MATI, DAV, DAV, etc.

BUI 29 13:03:58.6, 24:30S, 67:00W, h120km, m5, 1/5, ISCJB 29 13:04:00.3, 0.8, 24:27S, 0:04, 66:97W, 0.06, h160km, 7km, mb4, 0/49, Error ellipse: s-maj=9.5km s-min=6.1km az=162.5

ICD 29 13:04:01.8, 1.4, 24:25S, 67:04W, h164km, 12km, mb4, 1/11, mb1.4, 3/15, mb1mx4, 2/18, mbtmp4, 1/15, Error ellipse: s-maj=13.7km s-min=10.0km az=80.0

NEIC 29 13:04:01.6, 0.7, 24:26S, 67:01W, h160km, 7km, mb4, 6/60, Error ellipse: s-maj=7.4km s-min=5.7km az=63.0

ISC 29 13:04:01.1, 0.7, 24:28S, 0:04, 66:92W, 0.06, h153km, 7km, m493, 0:60/472, mb4, 4/9, 17C-202D, Saita Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LCO, CFAA, CFAA, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like FVM, 425A, 227A, etc.

29d 13h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like S25A Robots Cordova, W20A Ramah, 214A Organ Pipe Nat, etc.

2008 SEP

Table with columns: ID, Name, Time, Status, and other details. Includes entries like Q19A Hogan Spring, BELC Belle Mtn. Jos, PFO Pinyon Flat Ob, etc.

1224

Table with columns: ID, Name, Time, Status, and other details. Includes entries like CWC Cottonwood Cre, M16A Huntsville, PKM Peak Mountain, etc.



ISCJB 29 13:24:33.0 4.0 8.16:4S:0.1:175:9W:0.1, h361km, 10km, mb4.1/13, Error ellipse: s-maj=21.6km s-min=12.9km az=148.3

IDC 29 13:24:33.1 1.3, 1.6:53S:175:83W, h345km, 10km, mb3.7/8, mb1 3.9/9, mb1mx3.6/20, mbtimp3.8/9, Error ellipse: s-maj=31.1km s-min=14.5km az=128.0

NEIC 29 13:24:35.4 1.0, 1.6:14S:175:98W, h356km, 10km, mb4.3/4, Error ellipse: s-maj=25.3km s-min=13.5km az=147.0

ISC 29 13:24:34.1 0.7, 16.5S:0.1:175:7W:0.1, h360km, 9km, n24, c073/30, mb4.1/13, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
AFI	Afiamalau	4.58	57	Op	13 25 50	+0.2		
AFI	14nm, 0.3s, baz=43, slow=3.3, SNR=33							
AFI	15nm, 0.3s, baz=260, slow=18, SNR=6.1				13 26 49.5	-1.4		
AFI	Afiamalau	4.58	57	eP	13 25 50.3	+0.5		
AFI	14nm, 0.3s, baz=43, slow=3.3, SNR=33				13 26 49.5	-1.4		
AFI	15nm, 0.3s, baz=260, slow=18, SNR=6.1				13 26 50.7	+0.2		
MSVF	Nonsavu	6.09	257	eP	13 26 07.6	+1.2		
URZ	Urewera	22.60	195	P	13 29 03.7	-1.3		
URZ	6.1nm, 0.3s, mb4.3, baz=326, slow=18, SNR=11							
URZ	7.8nm, 0.3s, baz=90, slow=20, SNR=2.0				13 32 60.0	+1.4		
URZ	Urewera	22.60	195	eP	13 29 04.3	-0.7		
URZ	6.1nm, 0.3s, baz=43, slow=3.3, SNR=33				13 32 60.0	+1.5		
URZ	14nm, 0.3s, baz=260, slow=18, SNR=6.1				13 31 03.5	-1.0		
CTA	Charters Tower	36.24	258	P	13 31 05.4	+0.5		
CNB	Canberra Magne	36.24	258	eP	13 31 05.4	+0.5		
TOO	Tootalong	40.06	231	P	13 31 36.4	+0.5		
STKA	Stephens Creek	41.57	240	P	13 31 48.0	-0.2		
STKA	3.6nm, 0.5s, mb3.8, baz=90, slow=9.9, SNR=17							
STKA	Stephens Creek	41.57	240	eP	13 31 48.5	+0.3		
STKA	3.2nm, 0.5s, mb3.8							
WRA	Warramunga Arr	47.44	258	P	13 32 34.3	-0.8		
WRA	2.8nm, 0.7s, mb3.6, baz=90, slow=7.2, SNR=52							
WRA	0.5nm, 0.5s, baz=94, slow=3.6, SNR=4.3				13 33 59.1	+0.8		
WRA	0.2nm, 0.9s, baz=93, slow=14, SNR=5.4				13 39 01.0	+0.1		
ASAR	Alice Springs	47.66	253	P	13 32 35.6	-0.3		
ASAR	18nm, 0.7s, mb4.4, baz=89, slow=7.9, SNR=566							
ASAR	0.6nm, 0.8s, baz=82, slow=15, SNR=5.9				13 39 00.9	-0.3		
FORT	Fort Collins	52.94	244	P	13 33 14.5	+0.5		
FITZ	Fitzroy Crossi	51.81	259	P	13 33 35.4	-0.2		
FITZ	4.4nm, 0.5s, mb3.6, baz=113, slow=7.7, SNR=13							
KLBR	Kellerberrin	61.77	243	eP	13 34 15.9	-0.1		
SBA	Scott Base	62.01	184	eP	13 34 22.0	+5.2		
PETK	Petropavlovsk	73.00	344	P	13 35 25.2	+0.1		
QSPA	South Pole Qui	73.57	180	eP	13 35 32.1	+3.9		
COLA	College	83.84	12	eP	13 36 24.2	+0.6		
ILAR	Eielson Array	83.94	12	P	13 36 24.7	+0.6		
VNA3	Neumayer Olymp	92.48	176	eP	13 37 02.4	+0.1		
VNA2	Neumayer-Watz	92.48	176	eP	13 37 04.6	+0.2		
VNA1	Neumayer-Stat	92.66	176	eP	13 37 06.1	+0.7		
BRTR	Keskin Array B	145.53	118	PKPbc	13 43 32.8	+1.8	PKPbc	
BRTR	0.6nm, 0.7s, baz=46, slow=5.3, SNR=3.6							

MEX 29 13:37:07.5 0.6, 15.65N:95.73W, h10km, 8km, MD3.7, Near coast of Oaxaca

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HUIG	Huatulco	0.39	289	Op	13 37 14.5	-0.6		
HUIG	17nm, 0.3s, baz=61, slow=22, SNR=6.2				13 37 20.7	+0.4		
VHO	Vista Hermosa	1.72	326	P	13 37 35.0	-2.5		
VHO	20.0s, 0.3s, baz=282, slow=12, SNR=2.2				13 37 54.3	-5.1		
PCIG	Pinotepa	2.42	288	eP	13 37 44.4	-2.7		
PCIG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				13 38 12.3	-4.5		
PNIG	Pinotepa	2.42	288	eP	13 37 45.9	-2.9		
PNIG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				13 38 12.7	-4.2		
TGIG	Tehuacan	2.75	65	eP	13 37 48.9	-2.7		
TGIG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				13 38 21.7	-3.1		
UTMO	Huajuapam	2.94	318	eP	13 37 52.6	-1.8		
UTMO	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				13 38 26.6	-3.2		

IDC 29 14:04:06.1 2.0, 15.78S:173.50W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.9/18, mbtimp3.7/6, ML1.6/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/27, Error ellipse: s-maj=112.0km s-min=20.7km az=148.0, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
AFI	Afiamalau	2.50	42	Op	14 04 46.2	-1.8		
AFI	8.0nm, 0.3s, baz=308, slow=1.9, SNR=20				14 05 14.4	-4.8		
HNR	Honiara	26.66	21	LR	14 18 25.3			
HNR	20.0s, 0.3s, baz=20, slow=12, SNR=2.2				14 18 25.9	-0.4		
WRA	Warramunga Arr	49.67	257	P	14 12 59.7	-0.4		
WRA	0.2nm, 0.4s, baz=91, slow=6.9, SNR=8.3				14 13 01.1	-0.7		
ASAR	Alice Springs	49.91	252	P	14 13 01.1	-0.7		
ASAR	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 15 48.0	+0.5		
NVAR	Mina Array Bea	74.67	42	P	14 15 48.0	+0.5		
NVAR	0.6nm, 0.7s, baz=229, slow=10, SNR=7.5				14 16 22.9	+0.4		
TXAR	Lajitas Array	80.90	56	P	14 16 22.9	+0.4		
TXAR	0.2nm, 0.6s, baz=241, slow=6.7, SNR=4.0				14 16 32.1	+0.3		
ILAR	Eielson Array	82.84	11	P	14 16 32.1	+0.3		
ILAR	0.4nm, 0.6s, baz=224, slow=6.2, SNR=10				14 23 50.4	+1.1		
BRTR	Keskin Array B	146.39	321	PKPbc	14 23 50.4	+1.1	PKPbc	
BRTR	0.9nm, 0.8s, baz=103, slow=2.7, SNR=5.2							

ATH 29 14:20:47.3 4.1 21N:24.34E, h31km, 3km, MD3.1/3

ISCJB 29 14:20:48.6 0.5 41.17N:0.03:24:35E:0.04, h9km, 7km, Error ellipse: s-maj=5.9km s-min=3.9km az=137.4

CSEM 29 14:20:48.9 0.3, 41.17N:0.03:24:35E:0.04, h9km, 7km, Error ellipse: s-maj=7.1km s-min=5.4km az=14.0

THE 29 14:20:50.1, 41.13N:24.35E, h8km, 1km, ML1.9/5, Error ellipse: s-maj=1.5km s-min=0.5km az=204.0

BE0 29 14:20:51.9, 1.2, 40.96N:23.52E, h0km, MD2.0/3

ISC 29 14:20:49.5 0.5, 41.15N:0.03:24:36E:0.04, h10km, 6km, n27, c1907/52, Greece-Bulgaria border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
KAVA	Kavala	0.91	143	Op	14 20 53.5	0.0		
KAVA	14nm, 0.3s, baz=308, slow=1.9, SNR=20				14 20 56.9	+0.8		
KAVA	Kavala	0.91	143	P	14 20 53.5	0.0		
KAVA	14nm, 0.3s, baz=308, slow=1.9, SNR=20				14 20 56.9	+0.8		
NVR	Neurokopi	0.43	298	eP	14 21 03.0	-0.6		
NVR	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 03.0	-0.6		
NVR	Neurokopi	0.43	298	eP	14 21 03.0	-0.6		
NVR	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 06.1	-0.1		
SRS	Serrai	0.58	267	P	14 21 09.4	+0.9		
SRS	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 09.4	+0.9		
SRS	Serrai	0.58	267	P	14 21 09.4	+0.9		
SRS	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 03.2	-2.3		
SOH	Sokhos	0.83	247	eP	14 21 15.9	-0.4		
SOH	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 15.9	-0.4		
SOH	Sokhos	0.83	247	eP	14 21 03.2	-2.3		
SOH	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 06.1	0.0		
OUR	Ouranopolis	0.86	200	P	14 21 06.1	0.0		
OUR	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 08.4	+1.1		
OUR	Ouranopolis	0.86	200	P	14 21 06.1	0.0		
OUR	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 18.4	+1.1		
PLG	Polygyros	1.04	222	eP	14 21 06.9	-2.6		
PLG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 22.0	-1.0		
PLG	Polygyros	1.04	222	eP	14 21 06.9	-2.6		
PLG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 23.8	+0.6		
PLG	Polygyros	1.04	222	eP	14 21 06.9	-2.6		
PLG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 08.9	-0.6		
PLG	Polygyros	1.04	222	eP	14 21 06.9	-2.6		
PLG	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 22.0	-1.0		
HORT	Horliatis	1.10	241	P	14 21 10.8	+0.1		
HORT	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 10.8	+0.1		
HORT	Horliatis	1.10	241	P	14 21 10.8	+0.1		
HORT	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 10.8	+0.1		
KNT	Kendrikon	1.11	271	P	14 21 26.6	+1.5		
KNT	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 10.7	0.0		
KNT	Kendrikon	1.11	271	P	14 21 10.7	0.0		
KNT	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 10.7	0.0		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
KNT	Kendrikon	1.11	271	P	14 21 26.6	+1.5		
ALN	Alexandroupoli	1.30	101	eP	14 21 11.8	-1.8		
ALN	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 29.3	-1.7		
ALN	Alexandroupoli	1.30	101	P	14 21 11.8	-1.8		
ALN	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 32.3	+1.7		
ALN	Alexandroupoli	1.30	101	eP	14 21 11.8	-1.8		
ALN	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 13.5	-0.1		
ALN	Alexandroupoli	1.30	101	P	14 21 29.3	-1.7		
ALN	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 32.3	+1.7		
ALN	Alexandroupoli	1.30	101	eP	14 21 11.8	-1.8		
ALN	1.9nm, 0.5s, baz=88, slow=7.9, SNR=29				14 21 29.3	-1.7		
ALN	Alexandroupoli	1.30	101	P	14 21 3			



SNZO	South Karori	12.80 207	ePN	Pn	15 22 24.4	-5.8
SNZO	South Karori	12.80 207	P	Pn	15 22 39.9	+1.0
MSVF	Nonsavu	12.92 341	eP	Pn	15 22 31.1	-1.0
MSVF	Nonsavu	12.92 341	Pn	Pn	15 22 31.0	-1.0
TUWZ	Tuamariina	13.21 209	ePN	Pn	15 22 30.1	-5.7
NTZ	Nelson	13.28 211	ePN	Pn	15 22 31.5	-5.3
BSWZ	Blackbirch Sta	13.47 208	ePN	Pn	15 22 33.8	-3.6
CTZ	Chatham Island	13.64 177	ePN	Pn	15 22 41.1	-0.6
THZ	Tophouse	13.93 211	ePN	Pn	15 22 40.2	-5.4
KHZ	Kahutara	14.20 208	ePN	Pn	15 22 43.6	-5.6
KHZ	Kahutara	14.20 208	eP	Pn	15 22 48.8	-0.5
DSZ	Dennington Nort	14.42 213	ePN	Pn	15 22 49.9	-2.4
Ltz	Lake Taylor	15.03 210	PN	Pn	15 22 55.1	-5.4
CRlz	Canterbury Las	15.54 207	PN	Pn	15 23 05.8	-1.3
MOZ	McQueen's Vall	15.63 207	PN	Pn	15 23 02.9	-5.5
PLUM	Mont Dore	16.11 295	eP	Pn	15 23 22.0	+7.3
LASL	Noumea	16.21 295	eP	Pn	15 23 22.9	+6.8
RPZ	Rata Peaks	16.30 210	ePN	Pn	15 23 12.1	-4.9
RPZ	Rata Peaks	16.30 210	Pn	Pn	15 23 14.2	-2.8
RPZ	7.2nm,0.3s,baz=310,slow=12,SNR=25		Sn	Sn	15 26 11.6	-5.2
RPZ	60.0m,0.3s,baz=358,slow=22,SNR=7.3		Sn	Sn	15 23 16.9	-0.1
DZM	Mont Dzumac	16.37 295	eP	LR	15 23 23.3	+5.3
DZM	12m,1.6s		eLR	LR	15 27 17.5	
DZM	3253um,25.3s,baz=119		pP	Pn	15 23 29.2	-0.5
DZM	Mont Dzumac	16.37 295	eP	Pn	15 23 27.2	+8.0
NOUC	Port Laguerre	16.47 295	eP	Pn	15 23 19.0	-4.4
FOZ	Fox Glacier	16.82 219	ePN	Pn	15 23 15.4	-1.0
AFI	Afiamau	16.99 20	Pn	Pn	15 26 13.3	-2.0
AFI	12nm,0.3s,baz=275,slow=2.3,SNR=20		Sn	Sn	15 23 15.4	-1.0
AFI	Afiamau	16.99 20	P	Pn	15 23 15.4	-1.0
AFI	12m,1.6s		pmax	pmax	15 23 15.4	-1.0
LBZ	Lake Benmore	17.22 211	ePN	Pn	15 23 27.5	-1.0
ODZ	Otahua Downs	17.55 209	ePN	Pn	15 23 27.4	-5.1
ODZ	Otahua Downs	17.55 209	eP	Pn	15 23 33.5	-0.9
JCZ	Jackson Bay	17.64 214	ePN	Pn	15 23 31.8	-1.9
WAZ	Wanaka	18.09 212	ePN	Pn	15 23 35.2	-4.0
EKZ	Earnsclough	18.27 211	ePN	Pn	15 23 38.5	-2.9
RAR	Rarotonga	18.35 65	P	Pn	15 23 35.5	-7.1
RAR	12nm,0.3s,baz=234,slow=6.6,SNR=15		Sn	Sn	15 26 47.7	-2.3
RAR	comp=Z,23nm,0.3s,baz=76,slow=14,SNR=3.6		LR	LR	15 29 17.2	
RAR	12m,1.25um,20.4s,baz=238,slow=32		Pn	Pn	15 23 34.5	-8.1
RAR	18.35 65	eP	Pn	Pn	15 23 35.5	-7.1
RAR	comp=Z,2um,1.0s		pmax	pmax	15 23 35.5	-7.1
RAR	Rarotonga	18.35 65	P	Pn	15 23 35.5	-7.1
RAR	comp=Z,1.1nm,0.3s		MLR	MLR	15 23 35.5	-7.1
RAR	comp=Z,125um,20.4s		MLR	MLR	15 23 35.5	-7.1
MSZ	Milford Sound	18.49 214	ePN	Pn	15 23 41.9	-2.2
TUZ	Tuapeka	18.70 209	ePN	Pn	15 23 45.5	-1.2
MLZ	Mavora Lakes	18.87 212	PN	Pn	15 23 47.9	-0.8
SYZ	Scrubby Hill	19.38 208	PN	Pn	15 23 55.0	+0.2
WHZ	Wether Hill Ro	19.39 212	PN	Pn	15 23 53.5	-1.4
FUNA	Funafuti	21.66 351	eP	Pn	15 24 14.0	-4.5
FUNA	comp=Z,793nm,1.2s,mb6.0		LR	LR	15 24 14.0	-4.5
FUNA	comp=Z,293um,21.0s,MS6.7		LR	LR	15 24 59.8	-0.8
TBI	Tubuai	26.00 82	eP	LR	15 29 54.0	
TBI	comp=Z,1um,1.3s,mb6.3		eLR	LR	15 31 17.0	
TBI	26.00 82	eLR	LR	LR	15 31 17.0	
ARMA	Armidale	26.52 261	P	P	15 25 09.6	+4.5
ARMA	26.52 261	eSCP	ScP	ScP	15 32 12.6	+6.0
ARMA	26.52 261	eSCS	ScS	ScS	15 36 07.5	+1.0
ARMA	26.52 261	ePKIKP	PKIKP	PKIKP	15 36 13.7	+5.7
ARMA	26.52 261	eP	P	P	15 25 09.5	+4.4
RIV	Riverview	26.68 254	eP	P	15 25 11.6	+5.0
RIV	26.68 254	e	P	P	15 25 14.4	
EIDS	Eidsvold	28.04 272	eP	P	15 25 21.1	+2.3
CNB	Canberra Magne	28.18 251	eP	P	15 25 23.9	+3.9
CNB	28.18 251	eP	P	P	15 25 29.4	+0.6
CNB	28.18 251	ePCP	PCP	PCP	15 28 40.1	+6.9
CNB	28.18 251	eP	P	P	15 32 20.7	
CNB	28.18 251	ePKIKP	PKIKP	PKIKP	15 36 14.5	+5.6
PAE	Paea	28.40 71	eP	P	15 25 20.4	-1.7
PAE	comp=Z,158nm,1.4s,mb5.5		eP	P	15 25 20.4	-1.7
PAE	28.40 71	eP	P	P	15 25 20.4	-1.7
PPT	Papeete	28.45 70	eP	P	15 25 20.5	-2.1
PPT	comp=Z,158nm,1.4s,mb5.5		eP	P	15 25 20.5	-2.1
PPT	28.45 70	eP	P	P	15 25 22.2	-0.4
PPT	comp=Z,46nm,0.8s,mb5.2,baz=187,slow=14,SNR=3.9		LR	LR	15 33 58.3	
PPT	comp=Z,79um,21.2s,MS6.3,baz=227,slow=31		P	P	15 25 22.2	-0.4
PPT	Papeete	28.45 70	P	P	15 25 22.2	-0.4
PPT	comp=Z,46nm,0.8s		pmax	pmax	15 25 22.2	-0.4
CAN	Canberra	28.47 251	eP	P	15 25 26.5	+3.9
CAN	comp=Z,1um,0.9s,mb6.5		P	P	15 25 26.5	+3.9
CAN	28.47 251	eP	P	P	15 25 26.5	+3.9
CAN	comp=Z,442um,22.0s,MS7.0		LR	LR	15 25 26.5	+3.9
CAN	Canberra	28.47 251	eP	P	15 25 26.5	+3.9
CAN	28.47 251	eP	P	P	15 25 26.5	+3.9
TIAR	Tiarei	28.64 71	P	P	15 25 21.1	-3.2
TIAR	comp=Z,442um,22.0s,MS7.0		MLR	MLR	15 25 21.1	-3.2
HNR	Honiara	29.35 310	P	P	15 25 28.7	-1.8
HNR	comp=Z,534nm,0.9s,mb6.3		P	P	15 25 28.7	-1.8
HNR	29.35 310	P	P	P	15 25 28.7	-1.8
HNR	comp=Z,150nm,0.7s,mb5.8,baz=176,slow=3.7,SNR=19		ScP	ScP	15 32 20.0	+4.5
HNR	comp=Z,90nm,0.9s,baz=224,slow=7.3,SNR=3.4		LR	LR	15 35 14.3	
HNR	29.35 310	eP	P	P	15 25 28.1	-2.5
HNR	comp=Z,303um,21.8s,MS6.9,baz=141,slow=32		LR	LR	15 25 28.1	-2.5
HNR	29.35 310	eP	P	P	15 25 28.1	-2.5
HNR	comp=Z,2um,1.1s,mb6.8		LR	LR	15 25 28.1	-2.5
HNR	Honiara	29.35 310	P	P	15 25 28.7	-1.8
HNR	29.35 310	P	P	P	15 25 28.7	-1.8
HNR	comp=Z,150nm,0.7s,mb5.8		pmax	pmax	15 25 28.7	-1.8
HNR	29.35 310	P	P	P	15 25 28.7	-1.8
MEH	Mehetia	29.53 72	eP	P	15 25 30.5	-1.7
MEH	comp=N,90nm,0.9s		P	P	15 25 30.5	-1.7
MEH	29.53 72	eP	P	P	15 25 30.5	-1.7
MEH	comp=N,254nm,1.0s,mb5.9		P	P	15 25 30.5	-1.7
MOO	Moorlands	30.70 237	eP	P	15 25 44.8	+2.5
MOO	30.70 237	eP	P	P	15 25 44.8	+2.5
MOO	30.70 237	ePCP	PCP	PCP	15 28 43.6	+4.0
MOO	30.70 237	eSCP	ScP	ScP	15 32 23.9	+4.4
MOO	30.70 237	eSCS	ScS	ScS	15 36 15.9	+5.0
TAU	Tasmania Univ	30.71 236	eP	P	15 25 44.9	+2.5
TAU	comp=N,1um,0.9s,mb6.7		LR	LR	15 25 44.9	+2.5
TAU	30.71 236	eP	P	P	15 25 44.9	+2.5
TAU	comp=Z,238um,20.0s,MS6.8		LR	LR	15 25 44.9	+2.5
TAU	Tasmania Univ	30.71 236	eP	P	15 25 44.9	+2.5
TAU	30.71 236	eP	P	P	15 25 44.9	+2.5
TAU	comp=Z,1um,0.9s,mb6.7		MLR	MLR	15 25 44.9	+2.5
TAU	comp=Z,238um,20.0s,MS6.8		MLR	MLR	15 25 44.9	+2.5
TAU	Tasmania Univ	30.71 236	P	P	15 25 45.2	+2.8
TAU	30.71 236	P	P	P	15 25 45.2	+2.8
PMOR	Pomarioiree Ree	31.18 68	eP	P	15 25 44.6	-2.2
TOO	Toolangi	31.37 246	eP	P	15 25 51.3	+3.0
TOO	31.37 246	eP	P	P	15 28 47.3	+5.9
TOO	31.37 246	ePCP	PCP	PCP	15 32 23.9	+4.4
TOO	31.37 246	ePKIKP	PKIKP	PKIKP	15 36 15.9	+5.0
CTA	Charters Tower	34.06 279	eP	P	15 26 14.2	+2.3
CTA	comp=Z,875nm,0.8s,mb6.8,baz=101,slow=11,SNR=233		LR	LR	15 38 59.6	
CTA	34.06 279	eP	P	P	15 26 14.2	+2.3
CTA	comp=Z,699um,18.1s,MS7.4,baz=118,slow=34		LR	LR	15 37 23.5	
CTA	Charters Tower	34.06 279	eP	P	15 26 14.2	+2.3
CTA	34.06 279	eP	P	P	15 26 14.2	+2.3

CTA	Charters Tower	34.06 279	eP	P	15 26 14.2	+2.3
CTA	34.06 279	eP	P	P	15 26 14.2	+2.3
CTA	comp=Z,875nm,0.8s		MLR	MLR	15 26 14.2	+2.3
CTA	Charters Tower	34.06 279	eP	P	15 26 14.0	+2.0
CTA	34.06 279	eP	P	P	15 26 14.0	+2.0
CTA	comp=Z,766um,22.0s,MS7.4		eLR	LR	15 26 20.9	-1.2
CTA	Charters Tower	34.06 279	eP	P	15 26 14.0	+2.0
CTA	34.06 279	eP	P	P	15 26 20.9	-1.2
CTA	comp=Z,2um,0.9s,mb7.0		eP	P	15 26 14.0	+2.0
CTA	Charters Tower	34.06 279	eP	P	15 26 14.0	+2.0
CTA	34.06 279	eP	P	P	15 26 14.0	+2.0
CTA	comp=Z,766um,22.0s,MS7.4		MLR	MLR	15 26 15.2	+3.2
CTA	Charters Tower	34.06 279	eP	P	15 26 15.2	+3.2
CTA	34.06 279	eP	P	P	15 26 15.2	+3.2
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	comp=Z,338nm,0.6s,mb6.4,baz=99,slow=8.6,SNR=183		ScP	ScP	15 32 39.3	+5.2
STKA	34.86 256	eP	P	P	15 36 16.8	+3.2
STKA	comp=Z,41nm,0.9s,baz=63,slow=4.5,SNR=3.2		PKIKP	PKIKP	15 39 39.9	
STKA	34.86 256	eP	P	P	15 39 39.9	
STKA	comp=Z,11nm,0.8s,baz=65,slow=3.7,SNR=3.8		LR	LR	15 57 20.0	
STKA	34.86 256	eP	P	P	15 57 20.0	
STKA	comp=Z,550um,18.6s,MS7.3,baz=89,slow=35		P3K(Pbc	P3K(Pbc	15 58 33.5	
STKA	34.86 256	eP	P	P	15 58 33.5	
STKA	comp=Z,2.7nm,0.9s,baz=332,slow=12,SNR=5.7		PKP	PKP	15 59 34.1	
STKA	34.86 256	eP	P	P	15 59 34.1	
STKA	comp=Z,2.8nm,0.8s,baz=44,slow=1.7,SNR=3.1		PKPPKP	PKPPKP	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,5.6nm,0.9s,baz=65,slow=3.5,SNR=3.7		PKIKP	PKIKP	15 36 16.8	+3.2
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,817nm,0.4s,mb7.0		eP	P	15 26 21.4	+2.7
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,0.1nm,0.2s		eP	P	15 26 21.4	+2.7
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,0.1nm,0.2s		eP	P	15 26 21.4	+2.7
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,0.1nm,0.2s		eP	P	15 26 21.4	+2.7
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA	comp=Z,0.1nm,0.2s		eP	P	15 26 21.4	+2.7
STKA	Stevens Creek	34.86 256	eP	P	15 26 21.4	+2.7
STKA	34.86 256	eP	P	P	15 26 21.4	+2.7
STKA</						

29d 15h

2008 SEP

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Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MRSI Marisa, MTNI Mataram, MATI Mati, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like JOW Kunigami, KASI Kota Agung, KLI Kotabumi, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ASAJ Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

GSZH	comp=Z,83um,25.5s,MS7.0	LR	LR				
SAO	San Andreas Ge 84.84	42 eP	P	15 32 01.8 +0.1			
SAO	comp=Z,504nm,1.4s,mb6.5	LR	LR				
SAO	comp=Z,22um,19.0s,MS6.6	LR	LR				
SAO	San Andreas Ge 84.84	42 eP	P	15 32 01.8 +0.1			
SAO	comp=Z,504nm,1.4s,mb6.5	pmax					
SAO	comp=Z,22um,19.0s,MS6.6	MLR	MLR				
SAC	San Andreas 84.85	41 eP	P	15 32 01.3 -0.5			
SAC	comp=Z,1um,1.5s,mb6.8	eP					
SAC	San Andreas 84.85	41 eP	P	15 32 01.3 -0.5			
SAC	comp=Z,1um,1.5s,mb6.8	pmax	pmax				
109C	Camp Elliot, M 84.89	47 iP	P	15 32 02.0 0.0			
MCCM	Marconi Confer 84.98	40 eP	P	15 32 02.1 -0.3			
MCCM	comp=Z,1um,1.6s,mb6.8	LR	LR				
OSI	Osito Adit 85.01	45 iP	P	15 32 02.5 -0.1			
OSI	baz=85, SNR=10						
OSI	Osito Adit 85.01	45 eP	P	15 32 02.5 -0.1			
OSI	comp=Z,861nm,1.4s,mb6.7						
DECC	Green Verdugo 85.01	46 iP	P	15 32 02.8 +0.1			
DECC	baz=85						
BAR	Barrett 85.03	48 eP	P	15 32 02.5 -0.2			
BAR	comp=Z,625nm,1.5s,mb6.5						
PASC	Pasadena Art C 85.05	46 eP	P	15 32 02.5 -0.4			
PASC	comp=Z,552nm,1.2s,mb6.6						
INCN	Inchon 85.08	319 eP	P	15 32 02.4 -0.5			
INCN	comp=Z,282nm,0.9s,mb6.4						
INCN	comp=Z,31um,22.0s,MS6.7	LR	LR				
INCN	Inchon 85.08	319 P	P	15 32 09.4 +6.5			
INCN	SNR=34						
QIZ	Qiongzong 85.15	295 P	P	15 32 04.5 +0.8			
QIZ	comp=Z,1um,1.5s,mb6.8	pP	pP	15 32 13.0 -1.8			
QIZ	comp=Z,1um,1.5s,mb6.8	sP	sP	15 32 18.8 0.0			
QIZ	comp=Z,1um,1.5s,mb6.8	sS	sS	15 42 27.0 -4.3			
QIZ	comp=Z,1um,1.5s,mb6.8	LR	LR	15 42 47.5 -2.1			
QIZ	comp=N,19um,31.1s,MS6.3	LR	LR				
QIZ	comp=E,12um,34.7s,MS6.3	LR	LR				
QIZ	comp=Z,91um,40.4s	LR	LR				
QIZ	Qiongzong 85.15	295 P	P	15 32 03.3 -0.4			
QIZ	comp=Z,496nm,1.4s,mb6.4	LR	LR				
MWC	Mount Wilson 85.16	46 eP	P	15 32 03.0 -0.4			
MWC	comp=Z,31um,20.0s,MS6.7						
MWC	Mount Wilson 85.16	46 eP	P	15 32 03.1 -0.3			
MWC	comp=Z,723nm,1.3s,mb6.7						
MWC	Mount Wilson 85.16	46 eP	P	15 32 03.1 -0.3			
MWC	comp=Z,723nm,1.3s,mb6.7	pmax	pmax				
ARVC	Arvin 85.29	45 iP	P	15 32 03.8 -0.2			
ARVC	baz=85, SNR=13						
MURC	Murietta 85.29	47 iP	P	15 32 04.2 +0.1			
MURC	baz=85						
PET	Petropavlovsk 85.31	346 eP	P	15 32 02.4 -1.3			
PET	comp=Z,285nm,0.8s,mb6.5						
PET	Petropavlovsk 85.31	346 eP	P	15 32 12.5 -2.3			
PET	comp=Z,64um,22.0s,MS7.0	e	pP				
PET	Petropavlovsk 85.31	346 eP	P	15 32 02.7 -1.0			
PET	comp=Z,64um,22.0s,MS7.0	iS	S	15 35 25.2 -10			
PET	Petropavlovsk 85.31	346 eP	P	15 32 02.7 -1.0			
PET	comp=Z,64um,22.0s,MS7.0	eSS	SS	15 43 26.7			
PET	Petropavlovsk 85.31	346 eP	P	15 48 07.1 -0.3			
PET	comp=Z,352nm,1.0s,mb6.5	pmax	pmax				
PET	comp=Z,20um,16.3s	pmax	pmax				
PET	comp=Z,16um,18.9s	pmax	pmax				
PET	comp=Z,7um,20.0s	smax	smax				
PET	comp=N,12um,15.9s	MLR	MLR				
PET	comp=Z,39um,19.0s,MS6.8	MLR	MLR				
MONP	Monument Peak 85.33	48 iP	P	15 32 04.7 +0.5			
MONP	comp=Z,35um,18.0s						
DVTO	Desert V Tower 85.38	48 iP	P	15 32 04.9 +0.3			
DVTO	baz=85						
BFSC	Mount Baldy Ra 85.42	46 iP	P	15 32 04.7 0.0			
BFSC	baz=85, SNR=57						
HOPS	Hopland 85.47	40 eP	P	15 32 04.9 +0.1			
HOPS	comp=Z,703nm,1.2s,mb6.7	LR	LR				
HOPS	Hopland 85.47	40 eP	P	15 32 04.6 +0.1			
HOPS	comp=Z,26um,19.0s,MS6.6	8 eP	P	15 32 04.6 +0.1			
FALS	False Pass 85.49	8 eP	P	15 32 10.7			
FALS	comp=Z,286nm,0.9s,mb6.4						
FALS	Kulim 85.49	279 P	P	15 32 05.6 +0.1			
FALS	Kulim 85.49	279 eP	P	15 32 04.6 -1.0			
FALS	comp=Z,2um,1.3s,mb7.0						
KULM	Kulim 85.49	279 eP	P	15 32 10.6			
KULM	comp=Z,93um,20.0s,MS7.2	eP	P	15 32 04.4 -0.7			
PEA0B	Petropavlovsk- 85.60	345 eP	P	15 32 04.4 -0.7			
PETK	comp=Z,260nm,0.8s,mb6.5	baz=85					
PETK	comp=Z,260nm,0.8s,mb6.5	baz=120,slow=4.5	SNR=35				
PETK	comp=Z,10.0nm,1.0s,ba=92,slow=4.6	SNR=2.9					
PETK	comp=Z,10.0nm,1.0s,ba=92,slow=4.6	SNR=2.9					
PETK	comp=Z,53um,21.7s,MS6.9	baz=175,slow=32					
PETK	Petropavlovsk- 85.60	345 eP	P	15 32 04.4 -0.7			
PETK	comp=Z,374nm,1.4s,mb6.4						
PETK	Petropavlovsk- 85.60	345 eP	P	15 32 15.3			
PETK	comp=Z,260nm,0.8s,mb6.5						
VES	Vesta Richgr 85.61	44 iP	P	15 32 05.7 +0.1			
VES	baz=86, SNR=25						
EDW2	Edwards Air Fo 85.64	45 iP	P	15 32 06.0 +0.3			
EDW2	baz=86, SNR=81						
KWCM	Cahto Peak 85.68	39 eP	P	15 32 06.1 +0.2			
KWCM	comp=Z,438nm,1.3s,mb6.5						
SCSP	Sam W. Stewart 85.76	48 iP	P	15 32 06.8 +0.3			
SCSP	baz=86						
PFO	Pinyon Flat Ob 85.77	47 iP	P	15 32 06.7 +0.2			
PFO	baz=86, SNR=89						
PFO	Pinyon Flat Ob 85.77	47 eP	P	15 32 06.9 +0.4			
PFO	comp=Z,668nm,1.3s,mb6.7						
PFO	comp=Z,18um,19.0s,MS6.5	LR	LR				
PFO	Pinyon Flat Ob 85.77	47 eP	P	15 32 06.9 +0.5			
PFO	comp=Z,668nm,1.3s,mb6.7	pmax	pmax				
PFO	comp=Z,18um,19.0s,MS6.5	MLR	MLR				
PFO	Pinyon Flat Ob 85.77	47 eP	P	15 32 07.3 +0.8			
PFO	comp=Z,2um,1.2s,mb7.3,SNR=31						
KIPM	Iron Peak 85.83	39 eP	P	15 32 06.9 +0.3			
KIPM	comp=Z,644nm,1.3s,mb6.8						
RCTO	Rector, Farmer 85.83	44 iP	P	15 32 06.2 -0.5			
RCTO	baz=86						
ISA	Isabella 85.86	45 iP	P	15 32 07.3 +0.4			
ISA	baz=86, SNR=116						
ISA	Isabella 85.86	45 eP	P	15 32 07.1 +0.2			
ISA	comp=Z,1um,1.4s,mb6.9						
ISA	Isabella 85.86	45 eP	P	15 32 14.4			
ISA	Isabella 85.86	45 eP	P	15 32 07.1 +0.2			
ISA	Isabella 85.86	45 eP	P	15 32 14.4			
BBRC	Big Bear Solar 85.90	46 iP	P	15 32 07.6 +0.5			
BBRC	baz=86						
LRMC	Laurel Mountai 86.22	45 iP	P	15 32 08.9 +0.3			
LRMC	baz=86, SNR=89						
RRX	Edison Barstow 86.25	46 iP	P	15 32 08.7 -0.1			
RRX	baz=86						
NJ2	Nanjing 86.29	310 eP	P	15 32 09.5 +0.4			
NJ2	comp=Z,1um,1.5s,mb6.8	pP	pP	15 32 13.0 -1.8			
NJ2	comp=Z,1um,1.5s,mb6.8	sP	sP	15 32 18.8 0.0			
NJ2	comp=Z,1um,1.5s,mb6.8	sS	sS	15 35 31.5 +0.8			
NJ2	comp=Z,1um,1.5s,mb6.8	LR	LR	15 42 38.5 -3.4			
NJ2	comp=Z,1um,1.5s,mb6.8	pmax	pmax	15 42 56.0 -4.3			
NJ2	comp=Z,70nm,0.9s,mb5.9	pmax	pmax				
NJ2	comp=Z,5um,10.0s	LR	LR				

NJ2	comp=N,4um,12.3s,MS6.3	LR	LR				
NJ2	comp=E,8um,14.2s,MS6.3	LR	LR				
112A	Yuma 86.29	49 iP	P	15 32 09.6 +0.6			
112A	baz=86						
BELC	Belle Mtn. Jos 86.31	47 iP	P	15 32 09.7 +0.6			
BELC	baz=86, SNR=95						
CMB	Columbia Colle 86.32	42 eP	P	15 32 08.8 -0.3			
CMB	comp=Z,467nm,1.1s,mb6.6						
CMB	comp=Z,19um,19.0s,MS6.5	LR	LR				
CMB	Columbia Colle 86.32	42 eP	P	15 32 08.8 -0.3			
CMB	comp=Z,467nm,1.1s,mb6.6	pmax	pmax				
CMB	comp=Z,19um,19.0s,MS6.5	MLR	MLR				
VLA	Vladivostok 86.33	326 eP	P	15 32 07.4 -1.6			
VLA	comp=Z,409nm,1.1s,mb6.6	pmax	pmax				
VLA	comp=Z,33um,20.0s,MS6.7	MLR	MLR				
SDPT	Sand Point 86.36	10 eP	P	15 32 08.1 -0.7			
SDPT	comp=Z,2um,1.0s,mb7.2						
SDPT	Sand Point 86.36	10 eP	P	15 32 11.0			
SDPT	comp=Z,2um,1.0s,mb7.2	eP	P				
SDPT	Sand Point 86.36	10 eP	P	15 32 11.0			
SDPT	comp=Z,2um,1.0s,mb7.2	LR	LR				
BC3	Big Chuckawall 86.44	48 iP	P	15 32 10.3 +0.6			
BC3	baz=86, SNR=61						
KHMM	Horse Mountain 86.45	38 eP	P	15 32 10.3 +0.7			
KHMM	comp=Z,540nm,1.1s,mb6.7						
ROCH	El Roble 86.45	126 eP	P	15 32 13.9 +3.8			
ROCH	GLA Glamis 86.46	48 iP	P	15 32 10.8 +0.9			
ROCH	baz=86, SNR=22						
GLA	Glamis 86.46	48 eP	P	15 32 10.7 +0.8			
GLA	comp=Z,1um,1.3s,mb6.9	eP	P	15 32 10.7 +0.8			
GLA	Glamis 86.46	48 eP	P	15 32 10.7 +0.8			
GLA	comp=Z,1um,1.3s,mb6.9	pmax	pmax				
MAIG	Mazatlan 86.47	61 eP	P	15 32 09.8 -0.3			
MAIG	comp=Z,1um,1.3s,mb6.9						
SNG	Songhua 86.47	280 P	P	15 32 13.0 +2.6			
SNG	comp=Z,800nm,1.1s,mb6.9						
CLCH	Cerro Calan 86.55	127 eP	P	15 32 14.7 +4.2			
CLCH	baz=86, SNR=127						
PEL	Peidheue 86.59	126 eP	P	15 32 11.3 +0.5			
PEL	Cottonwood Cre 86.61	44 iP	P	15 32 11.0 +0.4			
CWC	Cottonwood Cre 86.61	44 iP	P	15 32 11.0 +0.4			
CWC	baz=87, SNR=77						
HEC	Hector,Ludlow 86.64	46 iP	P	15 32 10.8 +0.1			
HEC	baz=87, SNR=77						
GSC	Goldstone 86.65	46 iP	P	15 32 11.2 +0.5			
GSC	baz=87, SNR=74						
GSC	Goldstone 86.65	46 eP	P	15 32 10.9 +0.2			
GSC	comp=Z,945nm,1.3s,mb6.9						
GSC	Goldstone 86.65	46 eP	P	15 32 10.9 +0.2			
GSC	comp=Z,945nm,1.3s,mb6.9	pmax	pmax				
MPMC	Manual Prospect 86.72	45 iP	P	15 32 11.5 +0.4			
MPMC	baz=87, SNR=96						
FCH	Farellones 86.76	127 eP	P	15 32 13.0 +1.4			
FCH	Darwin (Calif) 86.80	45 PFAKE	LR	15 32 20.0 +8.5			





29d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CD2, YNR, BPAW, BOZ, etc.

2008 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like J21A, B15A, PHWY, JTS, etc.

1232

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like F21A, C19A, D20A, A18A, etc.









29d 15h

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

2008 SEP

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

1236

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).



Table with columns: CAEH, ABSA, CKFL, DFRA, CASM, etc. and values for various stations and times.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like LUWI, MRSI, KMSI, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, ASAR, etc.

ICD 29 15:33:41.2, 2.9, 30.005x177.35W, h0km, mb4.1/4, mb1 4.4/4, mb1mx4.1/1, mbtmp4.3/4, ML3.0/1, Error ellipse: s-maj=65.7km s-min=46.1km az=125.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, STKA, etc.

ICD 29 15:36:56.4, 1.7, 30.25x177.18W, h0km, mb4.2/4, mb1 4.3/5, mb1mx4.1/1, mbtmp4.2/5, ML3.1/1, Error ellipse: s-maj=51.7km s-min=28.9km az=133.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, STKA, etc.

ICD 29 15:37:24.0, 1.2, 13.19Nx120.29E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/2, mbtmp3.7/4, Error ellipse: s-maj=25.5km s-min=17.0km az=17.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like LUBP, TGy, BOAC, etc.

IGQ 29 15:39:21.8, 1.145x78.75W, h11km, 2km, Mb4.0, Ms3.8, 8C-17D, Error ellipse: s-maj=2.5km s-min=0.6km az=176.1, Ecuador

Table with columns: PITA, ANTI, JAU, TERV, GGP, CAYR, CAYA, CHAR and values for various stations and times.

ICD 29 15:41:40.3x2.0, 30.205x177.18W, h0km, mb4.1/4, mb1 4.3/5, mb1mx4.0/1, mbtmp4.2/5, ML3.3/1, Error ellipse: s-maj=53.1km s-min=31.4km az=132.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, CTAA, STKA, etc.

ICD 29 15:45:20.6, 22.0, 29.71S-178.95W, h387km, 205km, mb3.3/5, mb1 3.4/5, mb1mx3.2/16, mbtmp3.3/5, Error ellipse: s-maj=136.2km s-min=26.3km az=54.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like CTA, STKA, WRA, etc.

ICD 29 15:46:17.5, 1.6, 29.76Sx178.16W, h0km, mb4.0/5, mb1 4.2/6, mb1mx4.0/1, mbtmp4.1/6, Error ellipse: s-maj=41.7km s-min=33.1km az=48.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, STKA, etc.

ICD 29 15:50:53.0x3.0, 30.115x177.20W, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.8/1, mbtmp4.0/4, ML3.0/1, Error ellipse: s-maj=63.5km s-min=36.4km az=112.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, CTA, STKA, etc.

ICD 29 15:54:00.1, 4.6, 29.95Sx177.45W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/14, mbtmp3.8/3, Error ellipse: s-maj=204.8km s-min=69.4km az=159.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like STKA, ASAR, WRA, etc.

ICD 29 15:57:17.4, 6.0, 27.98Sx177.87W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/14, mbtmp3.7/3, Error ellipse: s-maj=182.7km s-min=93.3km az=151.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, STKA, ASAR, etc.

WEL 29 15:57:53.6, 0.1, 39.425x176.15E, h69km, 2km, ML3.5/3, 15C-1D, Error ellipse: s-maj=1.0km s-min=0.8km az=93.0, North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like BHZH, BHHZ, MOVZ.

Table with columns: MOVZ, BKZ, TUVZ, etc. and values for various stations and times.

ICD 29 15:58:44.6, 1.8, 7.37Sx156.10E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.7/17, mbtmp3.9/5, Error ellipse: s-maj=41.0km s-min=32.9km az=172.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like HNR, WRA, ASAR, etc.

ICD 29 16:01:08.4, 3.0, 30.165x177.43W, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.7/16, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=62.2km s-min=35.7km az=115.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like URZ, STKA, ASAR, etc.

ICD 29 16:07:02.4, 3.5, 29.19Sx177.50W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/14, mbtmp3.7/3, Error ellipse: s-maj=194.1km s-min=53.1km az=161.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like STKA, ASAR, WRA, etc.

ICD 29 16:09:42.2, 7.3, 30.005x177.31W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/15, mbtmp3.6/2, Error ellipse: s-maj=300.1km s-min=61.1km az=154.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like ASAR, WRA, FINES, etc.

ICD 29 16:10:32.0, 0.4, 29.83Sx177.54W, h0km, mb5.0/20, mb1 5.0/23, mb1mx5.0/25, mbtmp4.9/23, ML4.7/2, Error ellipse: s-maj=14.8km s-min=9.2km az=167.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. for stations like ASAR, WRA, FINES, etc.

MOS 29 16:10:38.5, 2.4, 29.77Sx177.72W, h33km, mb5.3/21, Error ellipse: s-maj=12.4km s-min=10.5km az=75.5, NEIC 29 16:10:38.1, 0.2, 29.87Sx177.61W, h35km, mb5.3/28, Error ellipse: s-maj=9.4km s-min=7.0km az=105.0, ICD 29 16:10:34.3, 2.2, 30.155x177.62W, h0km, 15.0, h11km, 13km, h37km, 1.7km, pp-P, n620, 0, 0, 67/414,



Code	Station Name	A <sup>1</sup>	AZ <sup>2</sup>	Phase	ID	Time	Res
mb5.1/54, MSS.6/3, 150C-152D, Kermadec Islands							
Code	Station Name	A <sup>1</sup>	AZ <sup>2</sup>	Phase	ID	Time	Res
PUZ	Oketiti	8.61	202	ePn	Op	16 12 37.5	-1.3
PUZ	Pukahia	8.96	233	eP	Pn	16 14 18.4	+2.5
CUZ	Carnagh Station	9.00	201	ePn	Pn	16 12 44.7	+0.5
CNGZ	Urewera	9.19	207	ePn	Sn	16 14 29.9	+4.3
URZ	Urewera	9.19	207	ePn	Pn	16 12 50.3	+3.5
URZ	Urewera	9.19	207	ePn	Pn	16 12 49.4	+2.6
URZ	Urewera	9.19	207	ePn	Pn	16 12 47.0	+0.2
URZ	Urewera	9.19	207	ePn	Pn	16 14 31.7	+1.5
PXZ	Pawanui	10.84	203	ePn	Sn	16 15 09.1	-1.6
TSZ	Takapari Road	11.19	206	ePn	Sn	16 13 13.9	-0.4
TSZ	Takapari Road	11.19	206	ePn	Sn	16 15 17.6	-1.7
TSZ	Takapari Road	11.19	206	ePn	Sn	16 15 54.0	-5.8
MSVF	Tony Channel	12.85	209	ePn	Pn	16 13 38.7	0.0
MSVF	Nonsauv	12.97	341	ePn	Pn	16 13 38.6	-0.1
MSVF	Nonsauv	12.97	341	ePn	Pn	16 16 02.0	-5.5
TUWZ	Tuamariina	13.17	209	ePn	Sn	16 16 08.9	-2.4
NNZ	Nelson	13.24	211	ePn	Sn	16 16 05.7	-3.6
CMWZ	Cape Campbell	13.32	207	ePn	Sn	16 16 08.9	-2.4
CTZ	Chatham Island	13.59	177	ePn	Sn	16 16 06.0	-1.2
THZ	Tophouse	13.89	211	ePn	Sn	16 13 48.6	-2.5
THZ	Tophouse	13.89	211	ePn	Sn	16 19 19.7	-2.9
THZ	Tophouse	13.89	211	ePn	Sn	16 16 24.8	-6.9
KHZ	Kahutara	14.15	208	ePn	Sn	16 14 09.2	+3.2
LZT	Lake Taylor	14.99	210	ePn	Sn	16 16 56.0	-1.1
MQZ	McQueen's Vall	15.59	207	ePn	Sn	16 14 26.4	+3.7
RPZ	Rata Peaks	16.27	211	ePn	Sn	16 17 13.6	-9.4
RPZ	Rata Peaks	16.27	211	ePn	Sn	16 16 02.0	-5.5
RPZ	Rata Peaks	16.27	211	ePn	Sn	16 14 23.8	+1.1
DZM	Mont Dzumac	16.40	296	eP	Pn	16 14 30.6	+6.0
NOUC	Port Laguerre	16.50	295	eP	Pn	16 14 31.3	+5.5
AFI	Afiama	17.04	20	Pn	Pn	16 14 27.6	-5.1
AFI	Afiama	17.04	20	Pn	Sn	16 14 18.0	-2.4
AFI	Afiama	17.04	20	Pn	Sn	16 14 27.6	-5.1
AFI	Afiama	17.04	20	Pn	Sn	16 14 41.3	+3.0
ODZ	Otahua Downs	17.51	209	ePn	Pn	16 14 39.8	+1.5
RAR	Rarotonga	18.37	65	P	Pn	16 14 41.6	-7.5
RAR	Rarotonga	18.37	65	P	Pn	16 14 41.6	-7.5
ARM	Armidale	26.52	282	eP	Pn	16 16 17.3	+5.3
CNB	Canberra Magne	28.17	251	eP	P	16 16 31.0	+4.3
HNR	Honiara	29.39	310	P	P	16 16 36.5	-1.2
HNR	Honiara	29.39	310	P	P	16 16 36.5	-1.2
MOO	Moorlands	30.68	237	eP	P	16 16 52.7	+3.7
TOO	Toolangi	31.36	246	eP	P	16 16 59.3	+4.3
CTA	Charters Tower	34.08	279	eP	P	16 17 20.7	+1.7
CTA	Charters Tower	34.08	279	eP	P	16 17 20.8	+1.8
CTA	Charters Tower	34.08	279	eP	P	16 17 20.7	+1.7
CTA	Charters Tower	34.08	279	eP	P	16 17 20.8	+1.8
CTA	Charters Tower	34.08	279	eP	Pmax	16 17 20.8	+1.8
CTA	Charters Tower	34.08	279	eP	Pmax	16 17 20.8	+1.8
STKA	Stephens Creek	34.85	257	eP	P	16 17 28.6	+3.1
STKA	Stephens Creek	34.85	257	eP	P	16 17 28.5	+2.9
STKA	Stephens Creek	34.85	257	eP	P	16 17 28.1	+2.6
PMG	Port Moresby	38.80	295	eP	Pmax	16 17 59.3	0.0
COEN	Coen	39.52	285	eP	P	16 18 06.6	+1.3
ASAR	Alice Springs	43.45	267	P	P	16 18 38.1	+0.6
ASAR	Alice Springs	43.45	267	P	PcP	16 20 27.1	+1.4
ASAR	Alice Springs	43.45	267	P	P	16 18 38.1	+0.6
WRA	Warramunga Arr	44.41	272	P	S	16 18 45.7	+0.4
WRA	Warramunga Arr	44.41	272	P	S	16 25 20.9	+0.8
WRA	Warramunga Arr	44.41	272	P	S	16 18 45.7	+0.4
WRA	Warramunga Arr	44.41	272	P	S	16 25 20.9	+0.8
FORT	Forrest	46.43	255	eP	P	16 18 59.9	-1.3
FORT	Forrest	46.43	255	eP	P	16 19 00.3	-0.8
SBA	Scott Base	48.31	184	eP	Pmax	16 19 20.8	+5.6
SBA	Scott Base	48.31	184	eP	Pmax	16 19 20.8	+5.6
KAKA	Kakadu	49.21	279	eP	P	16 19 22.7	-0.2
KAKA	Kakadu	49.21	279	eP	P	16 19 22.1	-0.8
FITZ	Fitzroy Crossi	52.69	270	P	P	16 19 48.9	-0.2
FITZ	Fitzroy Crossi	52.69	270	eP	P	16 19 49.3	-0.2
KIP	Kipapa	54.63	234	iP	P	16 20 00.6	-2.5
KLBR	Kellerberrin	54.74	251	eP	P	16 20 03.3	-0.7
CASY	Casey	55.51	208	eP	P	16 20 10.9	+1.9
CASY	Casey	55.51	208	eP	P	16 20 10.7	+1.7
MBWA	Marble Bar	56.58	263	P	P	16 20 17.4	0.0
QSPA	South Pole Qui	59.96	180	P	P	16 20 43.8	+3.7
Mawson	Mawson	72.66	200	P	P	16 22 04.2	+2.6
Mawson	Mawson	72.66	200	eP	P	16 22 04.1	+2.5
Mawson	Mawson	72.66	200	P	P	16 22 04.2	+2.6
SYO	Syowa Base	77.43	193	iP	P	16 22 19.0	-0.1
SYO	Syowa Base	77.43	193	iP	PcP	16 22 39.0	-0.6
MJAR	Matsushiro Arr	78.22	325	eP	P	16 22 32.1	-1.7
MJAR	Matsushiro Arr	78.22	325	eP	P	16 22 32.1	-1.8
MAJO	Matsushiro	78.22	325	eP	P	16 22 33.4	-0.5
MAJO	Matsushiro	78.22	325	eP	Pmax	16 22 33.4	-0.5
MAJO	Matsushiro	78.22	325	eP	P	16 22 32.1	-1.8
MAJO	Matsushiro	78.22	325	eP	P	16 22 35.9	+1.4
SNAA	Sanae	84.50	178	P	P	16 22 35.9	+1.4
VNA3	Neumayer Olymp	78.53	176	eP	P	16 22 33.8	-1.4
VNA2	Neumayer-Watz	78.97	177	eP	P	16 22 36.7	-0.9
MAIT	Maitri	79.14	183	eP	P	16 22 40.5	+2.0
NVL	Nazarovskaya	79.14	183	eP	P	16 22 40.5	+2.0
VNA1	Neumayer-Siat	79.20	176	eP	P	16 22 38.4	-0.5
ASAJ	Asahikawa	82.37	332	P	P	16 22 58.5	-0.3
PLCA	Paso Flores	82.44	133	P	P	16 22 57.2	+0.4
PLCA	Paso Flores	82.44	133	P	P	16 22 57.2	+0.4
PLCA	Paso Flores	82.44	133	P	P	16 22 57.2	+0.4
KSR5	Korea Array	84.37	319	P	P	16 23 07.0	+0.5
PKM	Peak Mountain	84.56	44	iP	P	16 23 07.7	+0.1
YSS	Yuzh-Sakhalins	84.66	334	eP	P	16 23 07.8	+0.1
YSS	Yuzh-Sakhalins	84.66	334	eP	P	16 23 07.1	-0.6
YSS	Yuzh-Sakhalins	84.66	334	eP	Pmax	16 23 23.8	0.0
YSS	Yuzh-Sakhalins	84.66	334	eP	Pmax	16 23 07.8	+0.1
SMMC	Simmler	84.73	44	iP	P	16 23 09.1	+0.7

Code	Station Name	A <sup>1</sup>	AZ <sup>2</sup>	Phase	ID	Time	Res
ARVC	Arvin	85.32	45	iP	P	16 23 11.3	0.0
MURC	Murietta	85.32	47	iP	P	16 23 11.3	0.0
MURC	Murietta	85.32	47	iP	P	16 23 11.7	+0.2
MONP	Monument Peak	85.45	48	iP	P	16 23 11.7	-0.2
DVTC	Desert V Tower	85.41	48	iP	P	16 23 12.2	+0.2
BFSC	Mount Baldy Ra	85.45	46	iP	P	16 23 13.2	+0.3
YES	Vestal, Richgr	85.64	44	iP	P	16 23 11.7	-0.8
PETK	Petrovavlovsk-	85.65	345	P	P	16 23 11.7	-0.8
PETK	Petrovavlovsk-	85.65	345	P	P	16 23 12.9	-0.2
EDWZ	Edwards Air Fo	85.67	45	iP	P	16 23 14.1	+0.4
SWSC	Sam W Stewart	85.79	48	iP	P	16 23 14.3	+0.5
PFO	Pinyon Flat Ob	85.80	47	iP	P	16 23 13.4	-0.3
PFO	Pinyon Flat Ob	85.80	47	eP	P	16 23 13.4	-0.3
PFO	Pinyon Flat Ob	85.80	47	eP	Pmax	16 23 13.4	-0.4
BELO	Belle Me Jos	86.34	47	iP	P	16 23 13.7	-0.3
KIPM	Iron Peak	85.86	39	eP	P	16 23 13.9	-0.3
ISA	Isabella	85.89	44	iP	P	16 23 16.0	0.0
LRJC	Laurie Mountai	86.25	45	iP	P	16 23 16.3	-0.1
NJ2	Nanjing	86.33	310	eP	Pmax	16 23 16.6	+0.2
BELO	Belle Me Jos	86.34	47	iP	P	16 23 15.8	-0.7
CMB	Columbia Colle	86.36	42	eP	Pmax	16 23 15.8	-0.6
CMB	Columbia Colle	86.36	42	eP	Pmax	16 23 17.2	+0.2
BC3	Big Chuckawall	86.47	48	iP	P	16 23 17.2	0.0
GLA	Glamis	86.48	48	iP	P	16 23 17.4	+0.2
GLA	Glamis	86.48	48	eP	P	16 23 17.4	+0.2
GLA	Glamis	86.48	48	eP	Pmax	16 23 17.4	+0.2
CWC	Cottonwood Cre	86.64	44	iP	P	16 23 17.4	-0.5
HSC	Hector Ludlow	86.67	46	iP	P	16 23 18.2	+0.1
GEC	Goldstone	86.68	46	iP	P	16 23 18.3	-0.1
MPMC	Manual Prospec	86.75	45	iP	P	16 23 19.6	+0.1
TIN	Tinemaha	86.96	44	iP	P	16 23 19.6	0.0
IRM	Iron Mountain	86.98	47	iP	P	16 23 19.7	0.0
113A	Mohawk Valley,	87.00	49	iP	P	16 23 19.7	0.0
GMRC	Granite Mounta	87.06	47	iP	P	16 23 19.7	-0.1
Y12C	Yuma Proving G	87.12	48	iP	P	16 23 20.7	+0.4
214A	Organ Pipe Nat	87.12	50	iP	P	16 23 20.6	-0.2
WAKR	Walker	87.22	42	eP	P	16 23 19.8	-0.8
TUQ	Turquoise Moun	87.31	46	iP	P	16 23 21.7	+0.4
Z13A	Yuma Proving G	87.34	49	iP	P	16 23 21.7	+0.2
SHOC	Shoshone	87.39	45	iP	P	16 23 21.7	+0.2
GRAC	Grapevine Rang	87.44	44	iP	P	16 23 21.7	0.0
114A	Black Gap (USA	87.57	50	iP	P	16 23 22.7	+0.2
WCN							

Table with columns: ID, Name, Time, Az, El, Az El, P, Az El, P. Rows include stations like 325A Bean Ranch, 224A Cornudas Mount, 118A Mexican Hat, etc.

Table with columns: ID, Name, Time, Az, El, Az El, P, Az El, P. Rows include stations like Y26A Elida, V24A Rampart Ranch, R21A Cimarron, etc.

Table with columns: ID, Name, Time, Az, El, Az El, P, Az El, P. Rows include stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.



29d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like QRN Al-Qurain, UMR Al-Rimmam, NAY Al-Naaiem, MIB Mutribah, QSPA South Pole Q1, KDAK Kodiak Island, etc.

29d 18h:15.3:4.4, 29.24S:177.33W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.9/15, mbmtmp4.1/4, Error ellipse: s-maj=162.3km s-min=72.6km az=162.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

29d 18h:59:31.0:4.7, 28.25S:179.18W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/14, mbmtmp4.0/3, MS4.7/1, Ms1 4.7/1, ms1mx4.0/25, Error ellipse: s-maj=195.4km s-min=56.3km az=153.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, STKA Stephens Creek, ASAR Alice Springs, etc.

29d 18h:01:54.0:4.4, 29.12S:177.42W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.8/15, mbmtmp3.9/4, Error ellipse: s-maj=128.4km s-min=72.7km az=159.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

29d 18h:17:18.1:3.4, 6.95S:129.69E, h59km, 31km, mb3.8/11, mb1 4.0/13, mb1mx3.9/19, mbmtmp3.9/13, ML4.5/3, Error ellipse: s-maj=32.1km s-min=13.6km az=66.0

29d 18h:18:20.2:1.7, 6.96S:129.70E, h99km, 17km, mb4.3/1, Error ellipse: s-maj=15.1km s-min=11.1km az=64.0

29d 18h:18:9.2:1.7, 7.05S:0.1, 129.6E:0.1, h86km, 22km, n23, s:109/25, mb4.0/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

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MEX 29 17:29:27.6:0.5, 16.39N:100.14W, h18km, 349km, 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 ACX Acapulco, CAIG El Cayaco, PNIG Pinotepa, etc.

29d 17:42:25.2:1.1, 13.26N:120.12E, h0km, mb3.2/5, mb1 3.5/5, mb1mx3.4/21, mbmtmp3.3/5, Error ellipse: s-maj=20.6km s-min=12.5km az=127.0

29d 17:42:26.8:0.7, 13.28N:120.21E, h10km, mb3.9/1, Error ellipse: s-maj=14.1km s-min=12.1km az=108.0

29d 17:42:27.8:1.1, 13.31N:0.05:120.11E:0.09, h26km, 10km, mb3.5/5, Error ellipse: s-maj=14.1km s-min=8.8km az=176.4

29d 17:42:27.13:30N:120.18E, h7km, mb4.7, ML3.6, MS3.6, Error ellipse: s-maj=14.2km s-min=10.0km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUBP Lubang, TGUY Tagaytay City, TGY Tagaytay City, etc.

29d 17:47:40.8:5.0, 43.85S:167.25E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.4/13, mbmtmp3.3/3, ML3.9/1, Error ellipse: s-maj=313.6km s-min=28.0km az=11.0

29d 17:47:42.8:0.6, 44.94S:0.06:167.56E:0.09, h90km, 6km, mb3.2/2, Error ellipse: s-maj=12.5km s-min=7.0km az=42.5

29d 17:47:44.0:0.3, 44.97S:167.41E, h81km, 2km, ML4.1/15, Error ellipse: s-maj=2.8km s-min=1.4km az=90.0

29d 17:47:43.9:0.6, 44.96S:0.06:167.56E:0.09, h83km, 6km, n25, s:087/27, mb3.2/3, 3C-2D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, DCZ Deep Cove, etc.

29d 17:48:15.4:0.8, 19.1S:0.2:177.5W:0.1, h59km, 16km, mb4.3/12, Error ellipse: s-maj=34.6km s-min=14.0km az=160.8

29d 17:48:15.1:1.5, 19.44S:177.58W, h54km, 16km, mb3.7/8, mb1 3.9/9, mb1mx3.4/19, mbmtmp3.7/8, Error ellipse: s-maj=33.7km s-min=11.9km az=153.0

29d 17:48:15.8:0.9, 19.56S:177.49W, h560km, 10km, mb4.6/2, Error ellipse: s-maj=25.7km s-min=12.4km az=156.0

29d 17:48:15.9:0.9, 19.35S:0.2:177.4W:0.1, h579km, 16km, n59, s:076/29, mb4.3/12, 2D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonsavu, AFV Afiamalu, AFI Afiamalu, etc.

OSPA South Pole Qui 70.79 180 eP P 17 58 347 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, TXAR Lailias Array, CMAR Chiang Mai Arr, etc.

29d 17:55:01.1:5.0, 29.66S:177.45W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/14, mbmtmp3.5/2, Error ellipse: s-maj=280.0km s-min=73.3km az=165.0, Kermadec Islands

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

29d 18:02:00.7:1.4, 30.02S:177.15W, h0km, mb4.3/5, mb1 4.4/6, mb1mx4.1/17, mbmtmp4.2/6, ML3.3/1, Error ellipse: s-maj=54.9km s-min=24.4km az=151.0

29d 18:02:05.2:1.3, 30.25S:0.1:177.3W:0.2, h33km, mb4.2/6, Error ellipse: s-maj=29.8km s-min=12.2km az=18.7

29d 18:02:06.1:0.9, 30.15S:177.18W, h35km, mb4.6/2, Error ellipse: s-maj=27.0km s-min=18.1km az=128.0

29d 18:02:07.2:1.3, 30.1S:0.1:177.3W:0.2, h35km, n13, s:113/10, mb4.2/6, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

29d 18:09:59.8:6.5, 29.09S:179.81W, h0km, mb3.1/2, mb1 3.4/2, mb1mx3.1/13, mbmtmp3.1/2, Error ellipse: s-maj=332.4km s-min=94.6km az=166.0, Kermadec Islands region

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

29d 18:10:08.5:1.5, 30.71S:179.17W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/15, mbmtmp3.8/4, ML3.3/1, Error ellipse: s-maj=54.2km s-min=31.9km az=144.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

29d 18:28:11.5:31.0, 5.53N:122.83E, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.6/22, mbmtmp4.1/4, Error ellipse: s-maj=549.8km s-min=135.9km az=142.0, Celebes Sea





29d 19h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MCH1, IBBN, NRDL, WTSB, KLMR, etc.

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Table with columns for call letters, name, frequency, power, and other technical details. Includes stations like FLN, GR1, GRF, GRG, etc.

1244

Table with columns for call letters, name, frequency, power, and other technical details. Includes stations like TREC, GEC2, GERES, etc.











Table with columns for station name, frequency, power, and other technical details. Includes stations like LASF Ste Croix, SMRF Simiane la Rot, VSR Storzhevoje, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VALF Valcebollere, PLOP Plostina, VRI Vrincoiaia, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK Borovoye, BVAR Borovoye Array, KEST Kesra, etc.

29d 19h

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Table with columns for station ID, name, elevation, frequency, and various signal quality metrics (e.g., SNR, SNR=12, etc.). The table is organized into three main vertical sections, each containing multiple rows of data for different stations.





29/20h

Table with columns: FITZ, Filtroy Crossi, 54.83 269 eP, P, 19 46 54.00 -0.4, CASY Casey, 55.62 208 eP, P, 19 47 14.6 +0.6, QSPA South Pole Qui, 60.00 180 P, P, 19 47 47.1 +2.5, MAW Mawson, 72.75 200 eP, P, 19 49 07.1 +0.8, MAW Mawson, 72.75 200 eP, P, 19 49 07.2 +0.9, MAW Mawson, 72.75 200 eP, P, 19 49 07.4 +1.1, SYO Syowa Base, 77.35 193j eP, P, 19 49 36.2 +2.6, MJAR Matsushiro Arr, 78.21 323 eP, P, 19 49 38.9 +1.5, SNAA Sanae, 78.43 178 P, P, 19 49 38.9 +0.1, VNA3 Neumayer Olymp, 78.56 177 eP, P, 19 49 37.4 -2.1, VNA2 Neumayer-Watz, 79.00 176 eP, P, 19 49 40.2 -1.7, VNA1 Neumayer-Stat, 79.23 176 eP, P, 19 49 41.7 -1.5, KSR5 Korea Arr, 84.58 319 P, P, 19 50 10.8 -0.1, NVAR Mira Array Bea, 87.70 42 P, P, 19 50 26.8 -0.2, KOLS Kolonicki sedl, 156.10 327 ePKP, PKP, 19 56 36.7 -1.0, ARCES Array B, 145.03 348 PKP, PKP, 19 57 01.5 -1.4, FINES FINES Array B, 145.03 348 PKP, PKP, 19 57 12.7 -1.7, MSKU Masuku, 146.70 200 PKP, PKP, 19 57 21.0 +0.1, NOA NORSAR Array B, 148.53 352 PKP, PKP, 19 57 23.0 -1.4, MALT Malatya, 149.37 295 ePKP, PKP, 19 57 27.2 -0.1, AKASA Malin Array Bea, 151.51 323 PKP, PKP, 19 57 30.3 -1.3, BREV Kieff, 151.36 323 ePKP, PKP, 19 57 30.1 -1.6, KIVT Keskin Array B, 152.87 299 PKP, PKP, 19 57 34.4 -1.1, BRTR 1.4nm, 0.8s, mb4.2, baz=126, slow=3.2, SNR=5.3, PKP, PKP, 19 57 47.6 +1.0, GERES GERES Array B, 159.43 339 PKP, PKP, 19 58 13.1 -1.3, TORD Torodi Arr, 162.59 348 PKP, PKP, 19 58 31.9 +0.7

IDC 29 19:49:01.6, 0.6, 29.91S:177.54W, h0km, mb4.6/11, mb1 4.8/12, mb1mx4.7/17, mbmp4.6/12, MLA 3.1/1, MS4.1/2, MS1 4.1/2, ms1mx3.4/26, Error ellipse: s-maj=22.8km s-min=18.9km az=124.0, ISCJB 29 19:49:03.2, 3.7, 30.28S:0.06:177.6W:0.1, h20km, 25km, mb4.5/15, Error ellipse: s-maj=19.3km s-min=9.5km az=12.9, NEIC 29 19:49:06.5, 1.4, 30.23S:177.46W, h36km, 12km, mb5.0/4, Error ellipse: s-maj=16.3km s-min=10.2km az=104.0, ISC 29 19:49:06.0, 3.4, 30.28S:0.06:177.4W:0.1, h28km, 24km, h27km, 7km, p-P, n11, r15/32, mb4.6/15, 4C-1D, Kermadec Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, URZ Urewera, 9.16 208 Pn, Pn, 19 51 14.9 -1.3, URZ Urz, 9.16 208 Pn, Pn, 19 52 58.1 -0.1, MSVF Nonsavu, 13.15 341 Pn, Pn, 19 52 11.1 +0.1, KHZ Kahutara, 14.13 208 eP, Pn, 19 52 24.1 +0.1, RPZ Rata Peaks, 16.25 211 Pn, Pn, 19 52 52.4 +0.3, DZM Mont Dzac, 16.62 296 eP, Pn, 19 53 00.6 +3.6, RAR Rarotonga, 16.62 64 LR, LR, 19 58 00.6, ARMA Armidale, 26.68 282 eP, P, 19 54 45.3 +2.7, CTA Charters Tower, 34.28 279 eP, P, 19 55 49.0 +0.6, CTA Charters Tower, 34.28 279 eP, LR, 19 58 00.6, CTA Charters Tower, 34.28 279 eP, P, 19 55 49.7 -0.1, CTA Charters Tower, 34.28 279 eP, P, 19 55 50.0 +0.1, STKA Stephens Creek, 35.00 257 P, P, 19 55 57.2 +1.2, STKA Stephens Creek, 35.00 257 eP, P, 19 55 57.4 +1.4, ASAR Alice Springs, 43.62 267 P, P, 19 57 06.9 -1.1, WRA Warramunga Arr, 43.62 267 P, P, 19 57 14.2 -1.6, CASY Casey, 55.48 208 eP, P, 19 58 38.5 +0.7, CASY Casey, 55.48 208 eP, P, 19 58 38.0 +1.2, QSPA South Pole Qui, 60.00 180 P, P, 19 59 11.9 +3.7, MAW Mawson, 72.60 200 P, P, 20 00 32.0 +1.8, MAW Mawson, 72.60 200 eP, P, 20 00 32.4 +2.2, SYO Syowa Base, 77.35 193j eP, P, 20 00 57.6 0.0, VNA3 Neumayer Olymp, 78.39 176 eP, P, 20 01 02.4 -1.0, VNA3 Neumayer Olymp, 78.39 176 eP, P, 20 01 10.8 -1.7, VNA2 Matsushiro Arr, 78.43 325 eP, P, 20 01 05.1 -2.5, VNA2 Neumayer-Watz, 78.56 177 eP, P, 20 01 05.1 -0.7, VNA2 Neumayer-Stat, 79.06 176 eP, P, 20 01 07.2 -2.2, VNA1 Korea Arr, 84.58 319 P, P, 20 01 14.9 -1.2, KSR5 Korea Arr, 84.58 319 P, P, 20 01 35.1 -1.4, PETK Petropavlovsk, 85.82 345 eP, P, 20 01 41.3 -1.0, GSC Goldstone, 86.46 46 eP, P, 20 01 46.7 -0.1, NVAR Mira Array Bea, 87.81 42 P, P, 20 01 53.7 +1.3, TXAR Lajitas Array, 91.40 57 P, P, 20 02 12.4 +0.6, CMAR Chiang Mai Arr, 93.84 289 P, P, 20 02 22.4 +1.5, MCKM McKenzie Canyon, 95.05 40 eP, P, 20 02 26.0 +0.2, MKAR Makanchi Array, 118.08 310 PKP, PKP, 20 02 47.7 -2.1, BVAR Borovoye Array, 126.67 327 PKP, PKP, 20 08 05.0 -1.1, BRVK Borovoye, 126.73 316 ePKP, PKP, 20 08 04.9 -1.3, AKTK Aktyubinsk, 134.39 313 PKP, PKP, 20 08 20.1 -0.7, AKTO Aktyubinsk, 134.39 313 PKP, PKP, 20 08 20.1 -0.8, FINES FINES Array B, 145.20 348 PKP, PKP, 20 08 38.0 -2.1, MSKU Masuku, 146.55 200 PKP, PKP, 20 08 45.9 +0.5, NOA NORSAR Array S, 148.70 352 PKP, PKP, 20 08 48.8 -1.0, NAOFI NORSAR Array S, 148.93 352 ePKP, PKP, 20 08 53.5 -0.9, HAFS Hagfors, 149.22 349 PKP, PKP, 20 08 49.6 -1.5, MALF Malatya, 149.47 295 ePKP, PKP, 20 08 52.1 -0.4, ALT Jabal al Asfar, 150.67 283 PKP, PKP, 20 08 54.9 -0.7, AKASA Malin Array Bea, 151.51 323 PKP, PKP, 20 08 55.6 -1.3, BREV Kieff, 151.52 323 ePKP, PKP, 20 08 54.9 -2.0, KIVT Keskin Array B, 152.98 299 PKP, PKP, 20 08 59.5 -1.0, KOLS Kolonicki sedl, 156.10 327 ePKP, PKP, 20 09 23.7 -1.1, KOLS Kolonicki sedl, 156.10 327 ePKP, PKP, 20 09 23.7 -1.1, CRVS Cervenica-Dubn, 156.50 328 ePKP, PKP, 20 09 25.6 -1.0, CRVS Cervenica-Dubn, 156.50 328 ePKP, PKP, 20 09 25.6 -1.0, KECS Kecoovo, 157.25 328 ePKP, PKP, 20 09 27.3 -2.5, KECS Kecoovo, 157.25 328 ePKP, PKP, 20 09 27.3 -2.5, UPC Upernivik, 157.42 337 ePKP, PKP, 20 09 29.7 -0.8, DPC Dobruska-Polom, 157.42 337 ePKP, PKP, 20 09 30.0 -0.6, CLL Collm, 157.60 343 ePKP, PKP, 20 09 29.8 -1.4, CLL Collm, 157.60 343j/IKP, PKP, 20 09 29.3 -1.9, CLL Collm, 157.60 343j/IKP, PKP, 20 09 37.9 -2.6

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Table with columns: IBBN Ibbenburen, 157.66 352 ePKP, PKP, 20 09 30.4 -1.0, CLZ Clausthal, 157.70 347 ePKP, PKP, 20 09 30.6 -1.0, BRG Berggiesshuel, 157.74 341 ePKP, PKP, 20 09 30.7 -1.1, BRG Berggiesshuel, 157.74 341 /IKP, PKP, 20 09 30.6 -1.2, FBE Freiberg, 157.86 342 ePKP, PKP, 20 09 31.6 -0.7, PVCC Panska Ves, 157.86 339 ePKP, PKP, 20 09 31.6 -0.8, VYHS Vyhne, 157.97 330 ePKP, PKP, 20 09 31.4 -1.5, NEUB Neuenburg, 158.00 344 ePKP, PKP, 20 09 31.7 -1.2, VRAN Vranov, 158.22 335 ePKP, PKP, 20 09 32.9 -1.1, PRU Pruhonice, 158.34 339 ePKP, PKP, 20 09 34.0 -0.5, MOX Moxa, 158.56 344 ePKP, PKP, 20 09 34.2 -1.2, TANN Tannenbergrstha, 158.56 344 ePKP, PKP, 20 09 34.3 -1.1, WERD Werda, 158.57 343 ePKP, PKP, 20 09 34.4 -1.0, TRFC Grafenberg Arr, 158.54 342 ePKP, PKP, 20 09 34.8 -2.2, GUNZ Gunzen, 158.64 343 ePKP, PKP, 20 09 34.8 -0.9, WERN Wernitzgruen, 158.70 343 ePKP, PKP, 20 09 35.3 -0.7, NKZ Novy Kostel, 158.73 342 ePKP, PKP, 20 09 35.1 -1.0, ROT Rotzenmuehle, 159.22 342 ePKP, PKP, 20 09 37.5 -0.8, KHC Kasperske Hory, 159.40 339 ePKP, PKP, 20 09 38.1 -1.0, GRF Grafenberg Arr, 159.54 342 ePKP, PKP, 20 09 38.8 -0.8, TNS Taunus Mts, 159.59 349 ePKP, PKP, 20 09 38.7 -1.2, WET Wettzell, 159.60 340 ePKP, PKP, 20 09 39.2 -0.7, GERES GERES Array B, 159.61 339 PKP, PKP, 20 09 38.5 -1.4, RJOB Rjukan, 160.88 342 ePKP, PKP, 20 09 45.0 -0.5, FUR Furstenfeldbrunn, 160.93 340 ePKP, PKP, 20 09 45.2 -0.6, FLO La Foliniere, 161.39 6 ePKP, PKP, 20 09 47.3 -0.4, BFN Black Forest, 161.44 348 ePKP, PKP, 20 09 46.5 -1.5, CDF Champ du Feu, 161.54 350 ePKP, PKP, 20 09 46.9 -1.5, LDF La Druliere, 161.59 6 ePKP, PKP, 20 09 47.5 -1.1, WMTA Wattenberg, 161.65 340j/IKP, PKP, 20 09 48.0 -0.9, MEZF Maizieres Jvi, 161.70 355 ePKP, PKP, 20 09 47.8 -1.3, MOTA Mossalm, 161.73 341j/IKP, PKP, 20 09 48.3 -1.0, ABTA Abfaltersbach, 161.84 338j/IKP, PKP, 20 09 48.1 -1.7, SFTF Sextfontaines, 162.00 355 ePKP, PKP, 20 09 49.0 -1.4, HAU Haudompre, 162.06 352 ePKP, PKP, 20 09 49.1 -1.6, HINF Hinterfall, 162.18 351 ePKP, PKP, 20 09 49.4 -1.8, DAVOX Davos/Dischmat, 162.59 343 ePKP, PKP, 20 09 51.6 -1.4, TRFC Grafenberg Arr, 162.59 342 ePKP, PKP, 20 09 51.6 -1.4, LOR Lormes, 163.01 357 ePKP, PKP, 20 09 53.5 -1.3, SSF Saint Saule, 163.23 358 ePKP, PKP, 20 09 54.5 -1.3, CABF La Chapelle, 163.47 351 ePKP, PKP, 20 09 55.7 -1.2, MFF Saint Martin d, 163.56 7 ePKP, PKP, 20 09 56.2 -1.1, SMF Signal de Morf, 163.63 357 ePKP, PKP, 20 09 56.2 -1.4, TCF Touix Ste Croix, 164.01 1 ePKP, PKP, 20 09 57.9 -1.4, LPL La Plagne, 164.44 349 ePKP, PKP, 20 10 00.6 -0.6, LPL La Plagne, 164.44 349 ePKP, PKP, 20 10 00.8 -0.5, ORIF Oris-en-Rattie, 165.16 351 ePKP, PKP, 20 10 03.5 -0.8, MBDF Montbardon, 165.20 348 ePKP, PKP, 20 10 03.3 -1.3, VIVF Saint-Julien-1, 165.35 354 ePKP, PKP, 20 10 04.3 -0.9, SBF Sospel, 165.90 345 ePKP, PKP, 20 10 06.8 -0.9, SMRF Simiane la Rot, 166.12 351 ePKP, PKP, 20 10 07.7 -0.9, FRF La Foret Royal, 166.35 347 ePKP, PKP, 20 10 08.0 -1.7, LMR La Morze, 166.60 348 ePKP, PKP, 20 10 09.3 -1.5, PGF Pioggioia, 166.72 339 ePKP, PKP, 20 10 09.5 -1.8, MTLF Montolieu, 166.96 1 ePKP, PKP, 20 10 11.3 -1.0

IDC 29 19:58:27.9, 3.0, 11.99N:142.30E, h54km, 29km, mb3.5/9, mb1 3.7/10, mb1mx3.6/23, mbmp3.6/10, ML3.8/1, MS3.8/1, MS1 3.8/1, ms1mx2.7/29, Error ellipse: s-maj=21.6km s-min=17.4km az=114.0, NEIC 29 19:58:28.3, 2.0, 11.99N:142.30E, h58km, 20km, mb4.4/3, Error ellipse: s-maj=18.1km s-min=14.2km az=89.0, ISCJB 29 19:58:29.0, 2.7, 12.0N:0.1:142.5E:0.2, h90km, 29km, mb3.9/12, Error ellipse: s-maj=30.5km s-min=18.3km az=9.6, ISC 29 19:58:29.1, 2.4, 12.0N:0.1:142.4E:0.2, h67km, 25km, n15, mb4.1/14, mb3.9/12, South of Mariana Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, GUMO Gumo, 2.93 56 Pn, Pn, 19 59 13.1 -0.2, GUMO Gumo, 2.93 56 Pn, Pn, 19 59 47.6 +0.2, WRA Warramunga Arr, 32.67 194 P, P, 20 04 54.5 -0.5, FITZ Filtroy Crossi, 34.13 209 LR, LR, 20 20 15.5, ASAR Alice Springs, 36.37 193 P, P, 20 05 27.0 +0.1, CMAR Chiang Mai Arr, 42.31 284 P, P, 20 06 16.9 +0.3, SONM Songoing Array, 46.70 327 P, P, 20 06 51.7 +0.6, LSA Lhasa, 50.59 299 P, P, 20 07 22.6 +1.4, MKAR Makanchi Array, 60.98 317 P, P, 20 08 35.6 +0.3, ZALV Zalesovo Beam, 61.54 325 P, P, 20 08 38.1 -0.9, KURK Khatovot, 64.26 321 eP, P, 20 08 56.0 -1.2, BVAR Borovoye Array, 69.69 322 P, P, 20 09 31.4 -0.1, BRVK Borovoye, 69.76 322 eP, P, 20 09 31.6 -0.3, ILAR Eielson Array, 71.07 25 P, P, 20 09 38.4 -1.4, NVAR Mira Array Bea, 89.84 51 P, P, 20 11 22.6 +1.9, LPAZ La Paz, 150.14 102 PKP, PKP, 20 18 15.7 +2.5

IDC 29 20:03:56.1, 9.3, 30.68S:178.43W, h0km, mb3.2/2, mb1 3.4/2, mb1mx3.4/14, mbmp3.2/2, Error ellipse: s-maj=396.4km s-min=62.2km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, ASAR Alice Springs, 42.73 267 P, P, 20 11 54.8 -0.4, WRA Warramunga Arr, 43.74 221 P, P, 20 12 03.6 +0.2, FINES FINES Array B, 145.28 348 PKP, PKP, 20 23 34.0 -0.8, DJA 29 20:21:07.1, 2.2N:127.27E, h90km, mb4.4/4, IDC 29 20:21:07.3, 1.8, 0.93N:126.98E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.8/18, mbmp3.9/4, MS3.8/1, Ms1 3.8/1, ms1mx3.1/29, Error ellipse: s-maj=105.7km s-min=23.3km az=69.0, ISCJB 29 20:21:08.7, 1.3, 1.11N:0.09:127.17E, h85km, h33km, mb4.0/3, Error ellipse: s-maj=14.9km s-min=8.9km az=36.2, ISC 29 20:21:09.5, 1.7, 1.2N:0.1:127.17E:0.09, h85km, n12, r15/41, mb4.0/3, Halmaheira

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Table with columns: SPSI Sidrap Palu, 9.01 235 P, Pn, 20 23 17.3 +0.2, FITZ Filtroy Crossi, 19.25 184 P, Pn, 20 25 30.9 -1.2, WRA Warramunga Arr, 22.17 152 P, P, 20 26 02.6 +0.1, ASAR Alice Springs, 25.56 166 P, P, 20 26 36.2 +0.8, CTA Charters Tower, 28.25 140 LR, LR, 20 31 15.5, MKAR Makanchi Array, 59.87 326 P, P, 20 39 15.7 +4.0

ISCJB 29 20:21:33.8, 1.4, 2.19N:0.05:96.12E:0.05, h30km, 10km, mb4.7/45, MS4.0/6, Error ellipse: s-maj=9.5km az=2.7, 19.9N:19.9E, baz=2, slow=1, SNR=39, BUJ 29 20:21:33.6, 2.1, 15N:96.03E, h34km, mb5.1/17, mb4.8/35, Ms4.7/13, Ms7.4/13, NEIC 29 20:21:36.9, 0.3, 2.28N:96.20E, h35km, mb5.0/21, Error ellipse: s-maj=8.3km s-min=4.4km az=216.0, DJA 29 20:21:36.2, 2.26N:96.21E, h20E, MLV4.5/8, IDC 29 20:21:37.5, 4.4, 2.28N:96.23E, h43km, 38km, mb4.2/16, mb1 4.3/18, mb1mx4.1/26, mbmp4.2/18, ML3.8/2, Error ellipse: s-maj=34.6km s-min=12.6km az=54.0, ISC 29 20:21:36.9, 0.8, 2.24N:0.05:96.15E:0.06, h35km, 7km, n15, r15/3, p-P, n5, r0.85/99, mb4.7/45, MS4.0/5, IC-2D, Northern Sumatra

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, TPTI Tuntungan, 1.45 45 Op, Pn, 20 21 59.1 -1.4, TSI Tsipit, 2.72 62 P, Pn, 20 22 18.6 +0.6, PSI Pusan, 2.83 78 P, Pn, 20 22 19.4 -0.1, MNSI Mandailing Nat, 3.71 113 P, Pn, 20 22 31.0 -0.7, SISI Saibi, 4.60 140 P, Pn, 20 22 42.7 -1.2, PPI Padang Panjang, 5.01 122 P, Pn, 20 22 50.5 +0.8, BKNI Bangkinang, 5.04 111 P, Pn, 20 22 52.1 -0.7, PDSI Padang, 5.32 126 P, Pn, 20 22 53.8 -0.1, IPM Ipooh, 5.35 65 P, Pn, 20 22 54.6 +0.4, IPM Ipooh, 5.35 65 eP, Pn, 20 22 54.0 -0.2, KULM Kulim, 5.42 56 P, Pn, 20 22 55.2 0.0, KULM Kulim, 5.42 56 eP, Pn, 20 22 54.8 -0.4, FRIM Klang, 5.56 80 P, Pn, 20 22 57.9 +0.8, SDSI Sungai Darih, 6.14 121 P, Pn, 20 23 05.1 -0.1, RGRI Rengat, 6.69 112 P, Pn, 20 23 12.6 -0.1, KRJI Kerinci, 6.83 129 P, Pn, 20 23 22.5 +7.9, KGM Kuala Trengganu, 7.61 66 P, Pn, 20 23 25.9 +0.5, MYKO Kota Tinggi, 7.71 93 P, Pn, 20 23 26.8 -0.1, KMI Kapahiang, 8.07 132 P, Pn, 20 23 40.3 +0.1, MDSI Maura Dua, 10.44 130 P, Pn, 20 24 02.9 -1.2, LWLI Liwa, 10.69 132 P, Pn, 20 24 06.7 -0.9, PPBI Pangkal Pinang, 10.89 114 P, Pn, 20 24 12.1 +1.7, KLSI Kuala Selat, 10.99 129 P, Pn, 20 24 12.3 +0.6, KSM Kuching, 14.17 93 P, Pn, 20 24 55.7 +0.5, KSM Kuching, 14.17 93 eP, Pn, 20 24 55.7 +0.6, STKI Sintang, 15.47 98 P, Pn, 20 25 18.6 +6.0, KLM Kelantan, 16.06 99 P, Pn, 20 25 26.5 +4.7, PALK Pallekale, 16.19 289 eP, Pn, 20 25 26.4 -1.4, CMAR Chiang Mai Arr, 16.35 9 P, Pn, 20 25 22.4 -1.4, CHTO Chintang, 16.70 9 eP, Pn, 20 25 25.8 -2.5, BTM Bintulu, 16.94 86 P, Pn, 20 25 32.6 +1.3, KKM Kota Kinabalu, 20.36 79 P, Pn, 20 26 11.1 +0.3, KKM Kota Kinabalu, 20.36 79 eP, Pn, 20 26 10.2 -0.4, KDM Kudat, 21.13 77 P, Pn, 20 26 19.1 +0.3, SDKM Sandakan, 21.26 80 P, Pn, 20 26 20.7 +0.4, TSM Tawau, 21.78 84 P, Pn, 20 26 26.2 +0.3, MYLDM Lahad Datu, 22.49 82 P, Pn, 20 26 34.1 +0.6, SHL Shingau, 23.56 350 ePKP, Pn, 20 26 42.0 -2.3, KMI Kunming, 23.63 15j/IKP, Pn, 20 26 45.8 +0.9, KMI Kunming, 23.63 15, mb4, pmax, pmax, KMI Kunming, 2.230n, 21.7s, MS3.6 LR, LR, 20 27 06.0 +0.5, ODAN Odare, 25.89 342 eP, P, 20 27 06.0 +0.5, GYA Guiyang, 26.12 22 P, P, 20 27 09.0 +1.4, GYA Guiyang, 26.12 22 P, P, 20 27 18.5 +0.8, GYA Guiyang, 26.12 22 P, P, 20 27 18.3 +0.2, GYA Guiyang, 26.12 22 P, P, 20 30 36.8 +2.2, GYA Guiyang, 26.12 22 P, P, 20 31 35.5 -1.4, GYA Guiyang, 26.12 22 P, P, 20 31 52.5 -1.1, GYA Guiyang, 26.12 22 P, P, 20 32 44.0 +0.1, GYA Guiyang, 26.12 22 P, P, 20 34 12.3 +0.4, GYA Guiyang, 2.10nm, 0.8s, mb4.4 pmax, pmax, GYA Guiyang, 2.99nm, 4.7s LR, LR, 20 27 19.6 +0.6, GYA Guiyang, 2.99nm, 15.4s, MS4.3 LR, LR, 20 27 19.6 +0.6, GYA Guiyang, 2.99nm, 16.9s, MS4.3 LR, LR, 20 27 19.6 +0.6, TAPN Tapejlung, 26.52 343 eP, P, 20 27 09.3 +0.5, PKI Pulchoko, 27.21 339 eP, P, 20 27 18.2 +0.7, GUN Gumba, 27.36 340 eP, P, 20 27 18.1 +0.6, PKIN Pulchoko, 27.22 339 eP, P, 20 27 18.1 +0.6, DMN Daman, 27.36 338 eP, P, 20 27 19.4 +0.6, GUN Gumba, 27.36 340 eP, P, 20 27 19.6 +0.6, KKN Kakani, 27.46 339 eP, P, 20 27 20.1 +0.4, LSA Lhasa, 27.73 351 P, P, 20 27 22.5 +0.6, LSA Lhasa, 27.73 351 eP, P, 20 27 22.6 +0.6, GKN Gorkha, 27.89 338 eP, P, 20 27 24.1 +0.6, KOLD Koldan, 28.09 336 eP, P, 20 27 25.5 +0.2, DANN Dangsang, 28.54 337 eP, P, 20 27 29.8 +0.5, CD2 Chengdu, 29.41 13j/IKP, P, 20 27 36.3 -0.8, CD2 Chengdu, 29.41 13, pmax, pmax, CD2 Chengdu, 29.41 13, pmax, pmax, ENH Enshi, 30.62 23 eP, P, 20 27 46.5 -1.2, XAN Xi'an, 33.82 19 P, P, 20 28 14.5 -1.2, XAN Xi'an, 33.82 19, pmax, pmax, XAN Xi'an, 33.82 19, pmax, pmax, XAN Xi'an, 33.82 19, pmax, pmax, LZH Lanzhou, 34.43 11 eP, P, 20 28 20.0 -1.0, LZH Lanzhou, 34.43 11 pP, P, 20 28 28.5 -2.7, LZH Lanzhou, 34.43 11 eP, P, 20 28 32.5 -3.0, XAN Xi'an, 3.15nm, 1.0s, mb4.9 pmax, pmax, FITZ Filtroy Crossi, 35.38 126 P, P, 20 28 28.5 -1.0, FITZ Filtroy Crossi, 35.38 126 eP, P, 20 28 28.7 -0.8, GYA Gaotai, 37.15 5 P, P, 20 28 43.5 -0.8, GYA Gaotai, 37.15 5, pmax, pmax, HHC Huo-hao-te, 40.89 18j/P, P, 20 29 16.5 +1.0, HHC Huo-hao-te, 40.89 18, pP, P, 20 29 26.5 +0.6, HHC Huo-hao-te, 40.89 18, pP, P, 20 29 30.5 +0.3, HHC Huo-hao-te, 40.89 18, pP, P, 20 30 54.4 +0.5, HHC Huo-hao-te, 40.89 18, pP, P, 20 31 17.5 +1.7, HHC Huo-hao-te, 40.89 18, pP, P, 20 35 02.5 -0.4, HHC Huo-hao-te, 40.89 18, pP, P, 20 35 45.1 +1.1, HHC Huo-hao-te, 40.89 18, pP, P, 20 35 42.8 +1.0, HHC Huo-hao-te, 40.89 18, pP, P, 20 38 25.3 -1.8, HHC Huo-hao-te, 40.89 18, pP, P, 20 39 16.3 -1.6













Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: MAJO, Matsuhiro, 5.85 263, eS, Sn, 03 28 14.9 -0.2, etc. Includes station names like Matsuhiro, Hachijo jima 2, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc. Includes station names like USTO, OZI, EANR, etc.

Table with columns: ERTA, Horta de San J, 5.11 8, P, Sn, 03 30 50.7 -1.1, etc. Includes station names like ERTA, EMIN, GUD, etc.

NEIC 03 03:28:39.8, 0.8, 35.89N, 0106.060W, 0.05, h34km, 11km, Error ellipse: s-maj=20.3km s-min=5.5km az=155.0

ISC 03 03:28:39.8, 0.8, 35.89N, 0106.060W, 0.05, h34km, 11km, Error ellipse: s-maj=2.4km s-min=1.8km az=153.0, PRXIMO

ISC 03 03:40:29.4, 0.8, 23.25S, 169.37E, h0km, mb4.4/11, ms1 4.6/11, mb1mx4.4/16, mbtmp4.4/11, MS4.0/11, Ms1 4.0/11, ms1mx3.8/25, Error ellipse: s-maj=25.7km s-min=21.0km az=144.0

ISC 03 03:40:35.1, 0.5, 23.20S, 169.33E, 0.05, h35km, n85, c1821/38, mb4.6/20, MS4.0/10, 5C-5D, Southeast of Loyalty Islands





30d 4h

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VORD Dinovgorie, VSR Storozhevo, PAX Paxson, etc.

2008 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR Torodi Ar. Bea, TXAR Torodi Ar. Bea, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KK31 Karatay Array, KK31 Kuruchot Arra, and KURK Kuruchot.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DJA 30 06:09:46,01:19N-98:62E, MNSI Mandailing Nat, and SBSI Sibolga.

CSEM 30 06:22:52.9,0.1,37.42N-38.64E, h10km, MD2.9, Error ellipse: s-maj=3.1km s-min=2.3km az=167.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for URFA Urfa, ATAB Bozova, MYA Malataya, AKCD Akcadag, SVRC Sivrice-ELAZID, and many others.

IDC 30 06:55:16.9,0.6,29.93S-177.48W, h0km, mb4, 4/12, mb1 4, 6/13, mb1mx3.5/18, mbtmp4.4/13, ML4.0/1, MS3/8.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for OUZ Omahuta, URZ Urewera, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TBI Tubuai, ARMA Armidale, PPT Papeete, CTA Charters Tower, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VNA2, VNA1 Neumayer-Stat, and PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KRSR Kermadec Array, ISA Isabella, CMB Columbia Colle, and WAKR Walker.

NEIC 30 06:57:52.9,3.6,59.65S-25.78W, h78km, 34km, mb3.8/1, Error ellipse: s-maj=19.1km s-min=16.7km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, and many others.

CNRN 30 07:06:43.8,35.63N-8.88W, h30km, MD3.5, Error ellipse: s-maj=4.9km s-min=2.9km az=150.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PFVI Vila Bisbo, PBDV Barranco-do-Ve, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for EGRO El Granado, EGRO Messejana, and MESJ Messejana.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PBEJ Beja, PBEJ Beja, PBEJ Beja, and many others.

NEIC 30 06:57:42.9,2.8,58.65S-25.78W, h78km, 34km, mb3.8/1, Error ellipse: s-maj=19.1km s-min=16.7km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DKH Dar Kharkhour, PBAR Barrancos, PBAR Barrancos, and many others.

IGL 30 07:06:46.9,35.67N-8.63W, h30km, SFLS 30 07:06:47.0,35.66N-8.63W, h59km, ML4.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PESTR Estremoz, PESTR Estremoz, PESTR Estremoz, and many others.



ISP		eSn	Sn	07 30 41.9 -1.0	PRK	Paraskevi	2.84 277 eP	Pn	07 30 44.8 -2.6	AGG	Agios Georgios	5.90 273 P	Pn	07 31 31.0 +1.5
ISP	Isparta	1.25 157 eP	Pg	07 30 23.7 -1.2	PRK	Paraskevi	2.84 277 P	Pn	07 30 47.3 -0.1	AGG	Agios Georgios	5.90 273 P	Pn	07 31 29.3 -0.2
ISP		eP		07 30 41.9	PRK	Paraskevi	2.84 277 P	Pn	07 30 46.9 -0.5	AGG	Agios Georgios	5.90 273 P	Pn	07 31 29.3 -0.2
ISP	Isparta	1.25 157 P	Pg	07 30 24.0 -0.9	PRK	Paraskevi	2.84 277 P	Pn	07 30 47.3 -0.1	RSDY	Resadye-TOKAT	5.90 74 ePn	Pn	07 31 31.8 +2.3
ISP		eP		07 30 42.6 +1.6	HDMB	Hadim	2.86 134 ePn	Pn	07 30 48.6 +1.3	RSYD	Resadye-TOKAT	5.90 74 ePn	Pn	07 31 31.8 +2.3
ISP	Isparta	1.25 157 ePn	Pg	07 30 24.0 -0.9	HDMB	Hadim	2.86 134 ePn	Pn	07 30 48.6 +1.3	KARN	Karanos	5.96 235 eP	Pn	07 31 32.7 +2.4
ISP		eS		07 30 41.9 +0.9	DAT	Datca	2.90 220 ePn	Pn	07 30 49.2 +0.9	KARN	Karanos	5.96 235 P	Pn	07 31 34.4 +4.1
ISP	Isparta	1.25 157 P	Pg	07 30 24.0 -0.9	DAT	Datca	2.90 220 ePn	Pn	07 30 49.2 +0.9	GUR	Goura	6.02 262 eP	Pn	07 31 31.5 +0.3
DURS	Dursunbey	1.27 300 iP	Pg	07 30 24.1 -1.2	EZN	Ezine	2.90 288 ePn	Pn	07 30 48.7 +0.4	GUR	Goura	6.02 262 P	Pn	07 31 31.5 +0.3
DURS		iS		07 30 41.6 -0.3	EZN	Ezine	2.90 288 ePn	Pn	07 30 48.7 +0.4	GUR	Goura	6.02 262 P	Pn	07 31 31.5 +0.3
DURS	Dursunbey	1.27 300 iP	Pg	07 30 24.1 -1.3	SULT	Sultanhani-AKS	2.94 104 ePn	Pn	07 30 50.1 +1.3	VAY	Valandovo	6.05 295 ePn	Pn	07 31 32.5 +0.4
DFRS		iS		07 30 25.6 -0.3	SULT	Sultanhani-AKS	2.94 104 ePn	Pn	07 30 50.1 +1.3	GRF	Griva	6.05 291 P	Pn	07 31 34.2 +2.1
ULDT	Uludag	1.31 333 iP	Pg	07 30 23.6 -2.4	KAMT	Kaman	2.99 81 ePn	Pn	07 30 51.0 +1.5	GRG	Griva	6.09 291 P	Pn	07 31 34.2 +2.1
ULDT		iS		07 30 40.9 -2.2	KAMT	Kaman	2.99 81 ePn	Pn	07 30 51.0 +1.5	GRG	Griva	6.09 291 P	Pn	07 31 34.2 +2.1
ULDT	Uludag	1.31 333 iP	Pg	07 30 23.6 -2.5	BR131	Keskin Array S	2.99 74 ePn	Pn	07 30 49.8 +0.3	KALE	Kalitha	6.10 267 P	Pn	07 31 32.8 +0.5
ULDT		iS		07 30 40.9 -2.2	BR131	Keskin Array S	2.99 74 ePn	Pn	07 30 49.8 +0.3	KALE	Kalitha	6.10 267 P	Pn	07 31 32.8 +0.5
SVRH	Sivrihisar-ESK	1.35 69 ePn	Pn	07 30 27.6 -0.6	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.0 -0.5	THL	Klokotos Trika	6.15 278 eP	Pn	07 31 33.4 +0.5
SVRH		eP		07 30 26.6 -0.3	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.0 -0.5	THL	Klokotos Trika	6.15 278 P	Pn	07 31 33.4 +0.5
GPA	Golpazari	1.35 13 ePn	Pn	07 30 26.6 -0.3	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 36.0 +1.9
GPA		ePn		07 30 26.7 -0.3	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DENT	Denizli	1.40 210 ePn	Pn	07 30 26.6 -0.9	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DENT		ePn		07 30 27.6 -0.9	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DENT	Cakirokul	1.45 208 iP	Pn	07 30 27.6 -0.6	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DENT		iS		07 30 49.1 +1.7	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DNZL	Cakirokul	1.45 208 iP	Pn	07 30 27.6 -0.7	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
DNZL		iS		07 30 49.1 +1.7	BRTR	Keskin Array B	2.99 74 ePn	Pn	07 30 49.4 -0.1	VTS	Vitosha	6.24 308 P	Pn	07 31 35.5 +1.4
ADVT	Abdulvahap	1.47 355 ePn	Pn	07 30 27.7 -0.8	GELI	Tayfur-Gelibol	3.00 299 ePn	Pn	07 30 50.3 +0.6	SEV	Sevastopol'	6.24 26 eS	Pn	07 31 31.3 -2.8
ADVT		ePn		07 30 42.6 +1.8	GELI	Tayfur-Gelibol	3.00 299 ePn	Pn	07 30 50.3 +0.6	SEV	Sevastopol'	6.24 26 eS	Pn	07 31 31.3 -2.8
ADVT	Abdulvahap	1.47 355 ePn	Pn	07 30 27.7 -0.8	GELI	Tayfur-Gelibol	3.00 299 ePn	Pn	07 30 50.3 +0.6	SEV	Sevastopol'	6.24 26 eS	Pn	07 31 31.3 -2.8
ADVT		ePn		07 30 42.6 +1.8	GELI	Tayfur-Gelibol	3.00 299 ePn	Pn	07 30 50.3 +0.6	SEV	Sevastopol'	6.24 26 eS	Pn	07 31 31.3 -2.8
GULT	Gulveren	1.53 18 ePn	Pn	07 30 29.8 +0.3	CHOS	Chios island	3.07 260 eP	Pn	07 30 49.7 -0.9	LAKA	Lakka	6.25 266 P	Pn	07 31 34.8 +0.5
GULT		ePn		07 30 29.8 +0.3	CHOS	Chios island	3.07 260 eP	Pn	07 30 49.7 -0.9	LAKA	Lakka	6.25 266 P	Pn	07 31 34.8 +0.5
KIZT	Kizical	1.55 93 ePn	Pn	07 30 29.5 -0.1	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
KIZT		ePn		07 30 29.5 -0.1	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
GEMT	Gemlik	1.56 340 ePn	Pn	07 30 29.2 -0.6	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
GEMT		ePn		07 30 29.2 -0.6	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
MDNY	Mudanya-Bursa	1.60 331 ePn	Pn	07 30 29.9 -0.6	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
MDNY		ePn		07 30 29.9 -0.6	ARG	Arkhangelos	3.09 208 P	Pn	07 30 53.0 +2.1	TLCR	Arcauliu	6.26 353 P	Pn	07 31 34.9 +0.5
MDNY	Mudanya-Bursa	1.60 331 ePn	Pn	07 30 29.9 -0.5	BOZC	Bozcaada	3.11 287 iP	Pn	07 30 51.6 +0.3	BOZC	Bozcaada	3.11 287 iP	Pn	07 31 35.9 -0.6
MDNY		ePn		07 30 30.8 +0.4	BOZC	Bozcaada	3.11 287 iP	Pn	07 30 51.6 +0.3	BOZC	Bozcaada	3.11 287 iP	Pn	07 31 35.9 -0.6
BCK	Bucak	1.60 160 ePn	Pn	07 30 30.8 +0.4	BOZC	Bozcaada	3.11 287 iP	Pn	07 30 51.6 +0.3	BOZC	Bozcaada	3.11 287 iP	Pn	07 31 35.9 -0.6
BCK		ePn		07 30 29.7 -1.1	BOZC	Bozcaada	3.11 287 iP	Pn	07 30 51.6 +0.3	BOZC	Bozcaada	3.11 287 iP	Pn	07 31 35.9 -0.6
AKHS	Akhisar	1.62 267 iP	Pn	07 30 31.1 -1.4	ELDT	Eldivan	3.11 60 iP	Pn	07 30 51.0 -0.2	ELDT	Eldivan	3.11 60 iP	Pn	07 31 41.0 +6.2
AKHS		iS		07 30 29.7 -1.1	ELDT	Eldivan	3.11 60 iP	Pn	07 30 51.0 -0.2	ELDT	Eldivan	3.11 60 iP	Pn	07 31 41.0 +6.2
AKHS	Akhisar	1.62 267 iP	Pn	07 30 31.1 -1.4	ELDT	Eldivan	3.11 60 iP	Pn	07 30 51.0 -0.2	ELDT	Eldivan	3.11 60 iP	Pn	07 31 41.0 +6.2
AKHS		iS		07 30 29.7 -1.1	ELDT	Eldivan	3.11 60 iP	Pn	07 30 51.0 -0.2	ELDT	Eldivan	3.11 60 iP	Pn	07 31 41.0 +6.2
AKS	Akhisar	1.63 267 ePn	Pn	07 30 30.6 -0.2	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 30 51.2 0.0	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 31 39.6 +1.3
AKS		ePn		07 30 30.6 -0.2	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 30 51.2 0.0	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 31 39.6 +1.3
AKS	Akhisar	1.63 267 ePn	Pn	07 30 30.6 -0.2	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 30 51.2 0.0	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 31 39.6 +1.3
AKS		ePn		07 30 30.6 -0.2	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 30 51.2 0.0	ERIK	Erikli-Kesan	3.11 304 ePn	Pn	07 31 39.6 +1.3
BALB	Balikesir	1.71 294 ePn	Pn	07 30 31.5 -0.3	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 30 52.4 +1.2	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 31 37.3 -2.1
BALB		ePn		07 30 31.5 -0.3	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 30 52.4 +1.2	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 31 37.3 -2.1
BALB	Balikesir	1.71 294 ePn	Pn	07 30 31.5 -0.3	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 30 52.4 +1.2	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 31 37.3 -2.1
BALB		ePn		07 30 31.5 -0.3	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 30 52.4 +1.2	SIFR	Sifranbolu	3.11 42 ePn	Pn	07 31 37.3 -2.1
SUTC	Sutluce-Ispart	1.73 150 ePn	Pn	07 30 32.5 +0.4	SIGR	SIGRI	3.16 276 P	Pn	07 30 51.8 0.0	SIGR	SIGRI	3.16 276 P	Pn	07 31 39.1 -1.5
SUTC		ePn		07 30 32.5 +0.4	SIGR	SIGRI	3.16 276 P	Pn	07 30 51.8 0.0	SIGR	SIGRI	3.16 276 P	Pn	07 31 39.1 -1.5
SUTC	Sutluce-Ispart	1.73 150 ePn	Pn	07 30 32.5 +0.4	SIGR	SIGRI	3.16 276 P	Pn	07 30 51.8 0.0	SIGR	SIGRI	3.16 276 P	Pn	07 31 39.1 -1.5
SUTC		ePn		07 30 32.5 +0.4	SIGR	SIGRI	3.16 276 P	Pn	07 30 51.8 0.0	SIGR	SIGRI	3.16 276 P	Pn	07 31 39.1 -1.5
SPNC	Sapanca-Adapaz	1.74 10 ePn	Pn	07 30 32.8 +0.3	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 30 54.6 +2.2	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 31 43.0 +1.9
SPNC		ePn		07 30 32.8 +0.3	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 30 54.6 +2.2	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 31 43.0 +1.9
SPNC	Sapanca-Adapaz	1.74 10 ePn	Pn	07 30 32.8 +0.3	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 30 54.6 +2.2	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 31 43.0 +1.9
SPNC		ePn		07 30 32.8 +0.3	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 30 54.6 +2.2	NIS1	Nisyros Isl.	3.20 223 P	Pn	07 31 43.0 +1.9
GOLH	Golhisar	1.75 189 iP	Pn	07 30 54.0 -1.4	CANT	Cankiri	3.30 59 ePn	Pn	07 30 54.6 +0.5	CANT	Cankiri	3.30 59 ePn	Pn	07 31 35.9 -0.6
GOLH		iS		07 30 31.8 -0.7	CANT	Cankiri	3.30 59 ePn	Pn	07 30 54.6 +0.5	CANT	Cankiri	3.30 59 ePn	Pn	07 31 35.9 -0.6
GOLH	Golhisar	1.75 189 iP	Pn	07 30 31.8 -0.7	CANT	Cankiri	3.30 59 ePn	Pn	07 30 54.6 +0.5	CANT	Cankiri	3.30 59 ePn	Pn	07 31 35.9 -0.6
GOLH		iS		07 30 54.0 -1.4	CANT	Cankiri	3.30 59 ePn	Pn	07 30 54.6 +0.5	CANT	Cankiri	3.30 59 ePn	Pn	07 31 35.9 -0.6
ARMT	Armutlu	1.78 334 ePn	Pn	07 30 32.2 -0.7	GADA	Givgeada	3.33 293 ePn	Pn	07 30 54.6 +0.5	GADA	Givgeada	3.33 293 ePn	Pn	07 31 43.0 +1.9
ARMT		ePn		07 30 32.2 -0.7	GADA	Givgeada	3.33 293 ePn	Pn	07 30 54.6 +0.5	GADA	Givgeada	3.33 293 ePn	Pn	07 31 43.0 +1.9
ARMT	Armutlu	1.78 334 ePn	Pn	07 30 32.2 -0.7	GADA	Givgeada	3.33 293 ePn	Pn	07 30 54.6 +0.5	GADA	Givgeada	3.33 293 ePn	Pn	07 31 43.0 +1.9
ARMT		ePn		07 30 32.2 -0.7	GADA	Givgeada	3.33 293 ePn	Pn	07 30 54.6 +0.5	GADA	Givgeada	3.33 293 ePn	Pn	07 31 43.0 +1.9
KDHN	Kadinhani	1.79 104 iP	Pn	07 30 31.3 -1.7	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.3 +0.1	GAZI	Gazipasa	3.34 144 iP	Pn	07 31 43.0 +1.9
KDHN		iS		07 30 31.3 -1.7	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.3 +0.1	GAZI	Gazipasa	3.34 144 iP	Pn	07 31 43.0 +1.9
KDHN	Kadinhani	1.79 104 iP	Pn	07 30 31.3 -1.7	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.3 +0.1	GAZI	Gazipasa	3.34 144 iP	Pn	07 31 43.0 +1.9
KDHN		iS		07 30 31.3 -1.7	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.3 +0.1	GAZI	Gazipasa	3.34 144 iP	Pn	07 31 43.0 +1.9
MDU	Mudurnu	1.80 34 ePn	Pn	07 30 34.1 +0.9	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.3 +0.1	GAZI	Gazipasa	3.34 144 iP	Pn	07 31 43.0 +1.9
MDU		ePn		07 30 34.1 +0.9	GAZI	Gazipasa	3.34 144 iP	Pn	07 30 54.					







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJES Djerdap, FRGS Fruska Gora, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSN Hsinchu, HCU National Centr, TWS1 Kuangyinshan, etc.

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

ISCJB 30 07:48:17.6:0.5,24:11N:0.01:121.74E:0.03,h2km,3km, Error ellipse: s-maj=4.4km s-min=2.0km az=18.0

BUI 30 07:55:57.6:30:39N:97.05E,h10km,ML3.5/4,Xizang

ISCJB 30 07:57:33.4:6.70N:73.00W,h158km,mb4.9/1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIawan, TWD, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHL Shillong, JAPAN Taplejung, ODN Odare, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 428A Kincaid Ranch, 527A Woodward Ranch, 626A Big Bend Ranch, etc.

30d 7h

Y22A	Socorro	41.50 315	↑P	P	08 05 07.9 +0.6
220A	Playas Peak, P	41.58 312	↑P	P	08 05 08.3 +0.3
W23A	Werner Place, baz=42	41.62 317	↑P	P	08 05 08.8 +0.6
T25A	Trinidad	41.67 321	↑P	P	08 05 09.4 +0.8
ANMO	Albuquerque	41.71 317	eP	P	08 05 08.6 -0.3
U24A	Moreno Valley	41.78 320	↑P	P	08 05 10.5 +1.0
X22A	Bernardo	41.84 316	↑P	P	08 05 10.6 +0.5
LAZ	Ladron	41.88 316	eP	P	08 05 10.3 0.0
319A	Douglas	41.89 311	↑P	P	08 05 10.4 -0.1
210A	U Bar Ranch, L	41.98 312	↑P	P	08 05 11.5 +0.4
V23A	Ortiz Mt. (NFS)	41.98 318	↑P	P	08 05 11.6 +0.5
S25A	Robets Cordova	42.02 322	↑P	P	08 05 11.7 +0.3
T24A	Torres, Weston	42.04 320	↑P	P	08 05 12.3 +0.7
219A	White Tail Can	42.17 311	↑P	P	08 05 12.3 -0.5
Z20A	Nine Sixteen R	42.23 313	↑P	P	08 05 13.2 0.0
ECSD	EROS Data Cent	42.28 334	eP	P	08 05 12.0 -1.5
U23A	El Rito	42.33 319	↑P	P	08 05 14.5 +0.7
X21A	Alamocita Cree	42.35 315	↑P	P	08 05 14.4 +0.3
318A	Bisbee	42.46 310	↑P	P	08 05 15.2 +0.1
Y20A	Horse Springs,	42.48 314	↑P	P	08 05 15.8 +0.6
S24A	Houchin Ranch,	42.49 321	↑P	P	08 05 15.8 +0.7
V22A	San Miguel Ran	42.56 318	↑P	P	08 05 16.2 +0.4
119A	Ashpeak Ranch,	42.58 312	↑P	P	08 05 16.2 +0.2
W21A	San Fidel	42.62 316	↑P	P	08 05 16.6 +0.3
Q25A	Bedland, Calha	42.70 323	↑P	P	08 05 17.3 +0.4
SDCO	Great Sand Dun	42.73 321	↑P	P	08 05 17.6 +0.5
SDCO	Great Sand Dun	42.73 321	eP	P	08 05 17.7 +0.5
218A	Dragon	42.75 311	↑P	P	08 05 17.4 0.0
R24A	Sanders Place,	42.79 322	↑P	P	08 05 18.2 +0.6
U22A	Llaves	42.79 318	↑P	P	08 05 18.3 +0.6
X20A	Quemado	42.90 315	↑P	P	08 05 19.3 +0.7
V21A	Milan	42.99 317	↑P	P	08 05 19.9 +0.7
118A	Homack Ranch,	43.01 312	↑P	P	08 05 19.5 0.0
S23A	Nye Farm, Mont	43.02 321	↑P	P	08 05 20.2 +0.7
Y19A	Nutrioso	43.13 314	↑P	P	08 05 21.2 +0.8
T22A	Edith	43.19 319	↑P	P	08 05 21.6 +0.8
W20A	Ramah	43.21 316	↑P	P	08 05 21.5 +0.5
Z18A	Geronimo	43.27 312	↑P	P	08 05 22.0 +0.5
Q24A	Divide	43.27 323	↑P	P	08 05 22.0 +0.5
U21A	Nageezi	43.35 318	↑P	P	08 05 22.1 0.0
X19A	St. Joels	43.40 314	↑P	P	08 05 23.0 +0.5
117A	Oracle	43.55 311	↑P	P	08 05 23.5 -0.3
S22A	4UR Ranch, Cre	43.57 320	↑P	P	08 05 24.4 +0.5
T21A	Navajo Lake	43.59 319	↑P	P	08 05 24.4 +0.4
Y18A	Canyon Day Jun	43.60 313	↑P	P	08 05 24.1 -0.1
R22A	Saguache, Gunn	43.81 321	↑P	P	08 05 26.3 +0.5
W19A	Sanders	43.82 315	↑P	P	08 05 26.6 +0.7
X18A	Snowflake	43.92 314	↑P	P	08 05 27.2 +0.5
P23A	Jefferson	43.95 323	↑P	P	08 05 27.7 +0.8
Q24A	Longmont	43.97 324	↑P	P	08 05 27.7 +0.6
EYMN	Ely	43.98 342	eP	P	08 05 26.4 -0.5
W18A	Petrified Fore	44.07 315	↑P	P	08 05 28.3 +0.5
ISCO	Idaho Springs	44.08 323	↑P	P	08 05 28.4 +0.5
ISCO	Idaho Springs	44.08 323	eP	P	08 05 28.1 +0.1
S21A	Coal Bank Pass	44.15 319	↑P	P	08 05 29.0 +0.5
Y17A	Roosevelt	44.15 313	↑P	P	08 05 28.6 0.0
116A	Butte	44.27 311	↑P	P	08 05 29.3 -0.3
Q22A	Crested Butte,	44.29 321	↑P	P	08 05 30.0 +0.4
N24A	Carr	44.32 325	↑P	P	08 05 30.1 +0.3
U19A	Dine' College,	44.32 317	↑P	P	08 05 29.9 0.0
X17A	Forest Lakes	44.44 313	↑P	P	08 05 31.5 +0.6
T19A	Beclabito	44.49 318	↑P	P	08 05 31.0 -0.2
Q23A	Lake Granby, G	44.52 323	↑P	P	08 05 32.4 +1.0
S20A	Disappointment	44.61 319	↑P	P	08 05 32.6 +0.5
P22A	Eagle	44.64 322	↑P	P	08 05 32.5 +0.1
Y16A	Circle Bar Ran	44.71 312	↑P	P	08 05 33.1 +0.1
M24A	Cheyenne	44.71 326	↑P	P	08 05 33.0 +0.1
115A	Sonoran Desert	44.72 311	↑P	P	08 05 33.0 -0.1
R20A	Redvale	44.82 320	↑P	P	08 05 34.4 +0.6
214A	Organ Pipe Nat	44.84 309	↑P	P	08 05 33.8 -0.3
Q22A	Kremmling	44.87 323	↑P	P	08 05 34.2 0.0
PV01	Paradox Valley	44.92 319	eP	P	08 05 35.0 +0.5
X16A	Lo Mia Camp, P	44.94 313	↑P	P	08 05 35.0 +0.2
Z15A	Gila River Ind	44.94 311	↑P	P	08 05 34.7 -0.1
N23A	Red Feather La	44.98 324	↑P	P	08 05 35.4 +0.4
V17A	Tonalee, Kykot	45.07 315	↑P	P	08 05 35.9 +0.1
S19A	Harvey Farm, M	45.07 319	↑P	P	08 05 35.8 0.0
Q20A	Ridgley Place,	45.21 320	↑P	P	08 05 37.5 +0.6
T18A	Mexican Hat	45.22 317	↑P	P	08 05 36.8 -0.2
114A	Black Gap (USA)	45.24 310	↑P	P	08 05 37.4 +0.2
PV04	Paradox Valley	45.28 319	eP	P	08 05 37.3 -0.2
W16A	Flagstaff	45.33 314	↑P	P	08 05 38.5 +0.6
PV10	Paradox Valley	45.36 319	eP	P	08 05 38.3 +0.3
Y15A	Casa Rosa Ranch	45.37 312	↑P	P	08 05 38.0 -0.2
X15A	Humboldt	45.55 313	↑P	P	08 05 39.6 0.0

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Z14A	Wintersburg	45.56 311	↑P	P	08 05 39.6 -0.1
U16A	Taba City	45.56 313	↑P	P	08 05 39.8 +0.1
P20A	De Beque	45.59 321	↑P	P	08 05 40.6 +0.7
S18A	Hurst Farm, BI	45.60 318	↑P	P	08 05 40.5 +0.5
L23A	Garrett	45.63 326	↑P	P	08 05 40.6 +0.5
AGMM	Agassiz Nation	45.74 339	eP	P	08 05 40.2 -0.7
N21A	Black Mountain	45.82 323	↑P	P	08 05 42.3 +0.7
Q19A	Hogan Spring (I)	45.83 320	↑P	P	08 05 42.2 +0.5
Y14A	Wickenburg	45.86 312	↑P	P	08 05 41.8 -0.3
O20A	White River Ci	45.88 322	↑P	P	08 05 42.7 +0.6
R18A	Canyonlands Na	45.92 319	↑P	P	08 05 42.2 -0.2
113A	Mohawk Valley,	45.92 310	↑P	P	08 05 42.5 -0.1
X14A	Yava	46.02 312	↑P	P	08 05 43.5 +0.2
Z13A	Yuma Proving G	46.02 310	↑P	P	08 05 43.0 -0.3
S17A	Black Ridge (B)	46.12 317	↑P	P	08 05 43.9 -0.1
V15A	Katib Nationa	46.14 314	↑P	P	08 05 44.7 +0.5
M21A	Separation Pea	46.25 324	↑P	P	08 05 45.6 +0.6
T16A	Glen Canyon Da	46.25 316	↑P	P	08 05 45.3 +0.2
N20A	Spence Gulch,	46.31 323	↑P	P	08 05 46.4 +0.9
Y13A	Salome	46.42 311	↑P	P	08 05 46.8 +0.4
K22A	Casper	46.44 326	↑P	P	08 05 46.4 0.0
Q18A	Rafter H Ranch	46.47 319	↑P	P	08 05 46.9 +0.2
R17A	Hanksville Air	46.47 318	↑P	P	08 05 46.5 -0.3
L21A	Rawlins	46.48 324	↑P	P	08 05 47.0 +0.3
W14A	Stegman	46.50 313	↑P	P	08 05 47.0 0.0
O19A	Miners Draw (B)	46.52 321	↑P	P	08 05 46.9 -0.2
U15A	North Rim	46.52 315	↑P	P	08 05 47.6 +0.4
M20A	Sweetwater, Wa	46.67 323	↑P	P	08 05 48.7 +0.5
S16A	Wepner Ranch,	46.70 317	↑P	P	08 05 48.3 -0.2
V14A	Boquillas Ranc	46.71 314	↑P	P	08 05 49.0 +0.3
SRU	San Rafael	46.73 319	↑P	P	08 05 48.5 -0.2
SRU	San Rafael	46.73 319	eP	P	08 05 49.0 +0.2
K21A	Alcova	46.84 325	↑P	P	08 05 49.6 +0.1
T15A	Red Dirt Ranch	46.88 316	↑P	P	08 05 49.9 0.0
N19A	John Jarvie Ra	46.90 322	↑P	P	08 05 50.0 -0.1
J22A	Midwest	46.91 326	↑P	P	08 05 49.6 -0.5
R16A	Teasdale	46.91 318	↑P	P	08 05 50.5 +0.3
Q16A	Castle Valley	47.05 319	↑P	P	08 05 51.6 +0.4
O18A	Roosevelt	47.05 321	↑P	P	08 05 51.3 +0.1
P17A	Butcher Ranch,	47.07 320	↑P	P	08 05 51.4 0.0
L20A	Wamsutter	47.07 324	↑P	P	08 05 51.2 -0.1
U14A	Mt Trumbull	47.14 315	↑P	P	08 05 52.2 0.0
N18A	Laram Ranch,	47.25 322	↑P	P	08 05 52.8 +0.2
T14A	Hurricane	47.38 315	↑P	P	08 05 54.1 +0.2
ULM	Lac du Bonnet	47.40 340	P	P	08 05 52.9 -0.9
V13A	Grand Canyon W	47.45 314	↑P	P	08 05 54.2 -0.2
O17A	Robinson Place	47.47 320	↑P	P	08 05 54.8 +0.4
K20A	Yellowstone Ra	47.48 324	↑P	P	08 05 54.0 -0.4
MSU	Marysvalle	47.50 318	eP	P	08 05 55.1 +0.4
IRM	Iron Mountain	47.56 311	↑P	P	08 05 54.7 -0.6
I21A	Big Trails, Te	47.62 326	↑P	P	08 05 55.1 -0.5
U13A	Pakoon Wash	47.70 314	↑P	P	08 05 56.6 +0.3
L19A	Farson	47.73 323	↑P	P	08 05 56.2 -0.2
P16A	Fountain Green	47.74 319	↑P	P	08 05 56.6 0.0
M18A	Lyman	47.76 322	↑P	P	08 05 56.3 -0.4
J20A	Shoshoni	47.77 325	↑P	P	08 05 57.0 +0.2
S14A	Ced City	47.79 316	↑P	P	08 05 56.6 -0.4
K19A	Absolon Red Bu	47.87 324	↑P	P	08 05 57.7 +0.1
Q15A	Fillmore	47.89 318	↑P	P	08 05 57.9 +0.2
DAU	Daniels Canyon	47.92 320	eP	P	08 05 58.4 +0.5
T13A	Saint George	47.94 315	↑P	P	08 05 58.6 +0.5
MPU	Moffitt Pass	47.94 320	eP	P	08 05 57.9 -0.3
N17A	Moffitt Pass	47.95 321	↑P	P	08 05 58.5 +0.4
O16A	Springville	47.96 320	↑P	P	08 05 58.3 0.0
ARUT	Antelope Range	47.99 316	eP	P	08 05 58.6 +0.1
V12A	Nelson	48.02 313	↑P	P	08 05 58.5 -0.3
H21A	Big Horn, Sher	48.02 327	↑P	P	08 05 58.4 -0.2
L18A	Fontenelle, Gr	48.03 323	↑P	P	08 05 58.6 -0.2
BELC	Belle Mtn. Jos	48.13 310	↑P	P	08 05 59.2 -0.4
JLU	Jordanelle	48.15 320	eP	P	08 05 59.8 +0.1
SCHO	Schefeille	48.15 5 P	P	P	08 05 58.9 -0.6
SCHO	Schefeille	48.15 5 eP	P	P	08 05 60.0 +0.6
M17A	Scullys Gap (B)	48.15 322	↑P	P	08 05 59.4 -0.3
I20A	Worldan	48.17 326	↑P	P	08 05 59.6 -0.2
S13A	Holt Ranch, En	48.18 316	↑P	P	08 06 00.5 +0.5
BW06	Boulder Array	48.25 324	↑P	P	08 05 59.9 -0.5
BW06	Boulder Array	48.25 324	eP	P	08 05 59.2 -1.3
J19A	Crowheart	48.26 325	↑P	P	08 06 00.0 -0.5
N16A	Rees Ranch, Co	48.30 321	↑P	P	08 06 01.0 +0.2
D24A	Glenview	48.37 332	↑P	P	08 06 01.7 +0.4
T12A	Moapa				

Table with columns: ID, Name, Az, El, AzEl, P, M, Time, Res, ISC. Contains station data for various locations like Cove Ranch, McKenzie Canyo, Brinkman Farms, etc.

Table with columns: HHC, LHZ, CD2, ASAR, WRA, WRA. Contains station data for HHC, LHZ, CD2, ASAR, WRA.

IDC 30 08:01:58.3i.1.8, 2.11N-127.77E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, Error ellipse: s-maj=128.2km s-min=23.5km az=66.0, Northern

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, STKA, MKAR.

IDC 30 08:09:40.3i.0.8, 29.77Sx177.59W, h0km, mb4.4/9, mb1 4.6/9, mb1tmp4.3/17, mbtmp4.4/9, MS3.5, Ms1 3.4/3, ms1mx0.2/1, Error ellipse: s-maj=26.2km s-min=22.8km az=169.0, Northern

NEIC 30 08:09:47.8i.3.2, 29.91Sx177.65W, h54km, 2.7km, mb4.6/9, Error ellipse: s-maj=23.3km s-min=17.7km az=216.0

ISC 30 08:09:48.6i.2.0, 30.43Sx0.10x177.7W, 0.1, h58km, 20km, n49, c117/47, mb4.5/11, MS3.6/2, Kermadec Islands

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for QUZ, MWZ, URZ, URZ, URZ, MRZ, NHZ, THZ, KHZ, KHZ, MOZ, RPZ, RPZ, RPZ, AFI, ARMA, CTA, CTA, CTA, STKA, STKA, STKA, STKA, ASAR, WRA, FORT, KAKA, FITZ, FITZ, FITZ, FITZ, FITZ, CASEY, CASEY, QSPA, QSPA, MAW, MAW, MAW, VNA3, VNA2, VNA1, PETK, NVAR, NVAR, ARCES, ARCES, KAF, FINES, NOA, AKASE, BRTR, CLL, TORO, TORO.

IDC 30 08:09:58.9i.0.8, 51.122N-160.45E, h41km, 40km, ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for RUS, SPN, GRL, NAL, DIV, DIV, STON, STON, BARS, BARS, BIA, BIA, BBL, BBL, DIV, DIV, STON, STON, ZAPS, ZAPS, ZAPS, ZAPS, FITZ, FITZ, CASEY, CASEY, QSPA, QSPA, MAW, MAW, MAW, VNA3, VNA2, VNA1, PETK, NVAR, NVAR, ARCES, ARCES, KAF, FINES, NOA, AKASE, BRTR, CLL, TORO, TORO.

CSEM 30 08:22:57.8i.0.2, 42.31N-20.12E, h2km, ML2.8, Error ellipse: s-maj=3.6km s-min=3.4km az=163.0, TIR 30 08:22:57.3i.0.8, 42.33N:19.97E, h9km, 3km, ML2.8, ISCBJ 30 08:22:57.9i.3, 42.31N-0.02-20.12E, 0.03, h10km, Error ellipse: s-maj=3.0km s-min=2.4km az=42.7, NEIC 30 08:22:58.4, 42.34N-20.08E, h12km, ML2.5(PDG), After PDG 30 08:22:58.0i.4, 42.34N-20.08E, h12km, 2km, MD2.5/1, ML2.5/8, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0, BEO 30 08:22:59.2i.0.4, 42.33N-20.14E, h2km, 2km, ML2.1/6, SKO 30 08:23:01.9, 42.31N-20.26E, h0km, ISC 30 08:22:58.6i.0.4, 42.32N-0.02-20.12E, 0.03, h4km, 4km, n47, c1910/88, 7C-10D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for BCI, BCI, BCI, PVY, PVY, PVY, PVY, PUK, PUK, PUK, BEY, BEY, BEY, BEY, IVA, IVA, IVA, IVA, PDG, PDG, TGT, TGT, TGT, TGT, ULC, ULC, ULC, ULC, ULC, BUM, BUM, BUM, BUM, SJS, SJS, SJS, SJS, SJS, SJS, TIR, TIR, TIR, TIR, SKO, SKO, SKO, SKO, PLE, PLE, PLE, PLE, SEL, SEL, SEL, HCY, HCY, HCY, UPM, UPM, UPM, UPM, UPM, UPM, UPM, UPM, BRY, BRY, BRY, BRY, BARS, BARS, BARS, BARS, BIA, BIA, BIA, BBL, BBL, BBL, DIV, DIV, DIV, DIV, STON, STON, STON, STON, ZAPS, ZAPS, ZAPS, ZAPS, FITZ, FITZ, CASEY, CASEY, QSPA, QSPA, MAW, MAW, MAW, VNA3, VNA2, VNA1, PETK, NVAR, NVAR, ARCES, ARCES, KAF, FINES, NOA, AKASE, BRTR, CLL, TORO, TORO.

Table with columns: BCI, BCI, BCI, PVY, PVY, PVY, PVY, PUK, PUK, PUK, BEY, BEY, BEY, BEY, IVA, IVA, IVA, IVA, PDG, PDG, TGT, TGT, TGT, TGT, ULC, ULC, ULC, ULC, ULC, BUM, BUM, BUM, BUM, SJS, SJS, SJS, SJS, SJS, SJS, TIR, TIR, TIR, TIR, SKO, SKO, SKO, SKO, PLE, PLE, PLE, PLE, SEL, SEL, SEL, HCY, HCY, HCY, UPM, UPM, UPM, UPM, UPM, UPM, UPM, UPM, BRY, BRY, BRY, BRY, BARS, BARS, BARS, BARS, BIA, BIA, BIA, BBL, BBL, BBL, DIV, DIV, DIV, DIV, STON, STON, STON, STON, ZAPS, ZAPS, ZAPS, ZAPS, FITZ, FITZ, CASEY, CASEY, QSPA, QSPA, MAW, MAW, MAW, VNA3, VNA2, VNA1, PETK, NVAR, NVAR, ARCES, ARCES, KAF, FINES, NOA, AKASE, BRTR, CLL, TORO, TORO.

IDC 30 08:38:24.7i.2.1, 2.32S-139.38E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/14, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=21.85km s-min=29.9km az=107.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR, RUS, RUS, SPN, SPN, GRL, GRL, NAL, NAL, DIV, DIV, STON, STON, BARS, BARS, BIA, BIA, BBL, BBL, DIV, DIV, STON, STON, ZAPS, ZAPS, ZAPS, ZAPS, FITZ, FITZ, CASEY, CASEY, QSPA, QSPA, MAW, MAW, MAW, VNA3, VNA2, VNA1, PETK, NVAR, NVAR, ARCES, ARCES, KAF, FINES, NOA, AKASE, BRTR, CLL, TORO, TORO.

IDC 30 08:38:24.7i.2.1, 2.32S-139.38E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/14, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=21.85km s-min=29.9km az=107.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.

IDC 30 08:51:39.0i.1.1, 35.89N:21.56E, h0km, mb4.0/5, mb1 3.9/8, mb1mx3.7/27, mbtmp3.9/8, ML3.4/2, Error ellipse: s-maj=29.3km s-min=17.3km az=138.0, CSEM 30 08:51:39.6i.0.4, 35.74N:21.43E, h2km, MD3.7, Error ellipse: s-maj=14.4km s-min=7.9km az=96.0, THE 30 08:51:39.5, 35.45N-21.32E, h33km, 62km, Error ellipse: s-maj=62.6km s-min=3.9km az=49.0, ATH 30 08:51:47.6, 36.20N:21.81E, h20km, 3km, MD3.7/9, ISC 30 08:51:39.8i.1, 35.78N:0.04-21.53E, 0.06, h11km, n59, c1827/68, mb4.0/6, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzEl, Phase ID, Time, Res, ISC. Contains station data for WRA, ASAR, ILAR.





30d 10h

ID	Station Name	Lat	Lon	Mag	Depth	Time	Res
R15A	Junction	86.41	50	1.0	10	19 27.3 +0.2	P
I20A	World	86.43	43	1.0	10	19 27.2 +0.1	P
K19A	Absolon Red Bu	86.53	44	1.0	10	19 26.9 -0.6	P
O17A	Robinson Place	86.54	47	1.0	10	19 27.6 -0.1	P
L19A	Farson	86.55	45	1.0	10	19 28.0 +0.4	P
D23A	Lindsay	86.55	39	1.0	10	19 28.2 +0.6	P
U14A	Mt Trumbull	86.59	52	1.0	10	19 27.8 -0.2	P
W13A	Hualapai Mount	86.67	53	1.0	10	19 28.4 0.0	P
J20A	Shoshoni	86.75	44	1.0	10	19 28.3 -0.4	P
Y12C	Glythe	86.80	55	1.0	10	19 29.1 +0.1	P
C24A	Savage	86.82	39	1.0	10	19 29.4 +0.5	P
PDMC1	Parker Dam,Lak	86.84	54	1.0	10	19 29.0 -0.3	P
Q16A	Castle Valley	86.85	49	1.0	10	19 29.2 0.0	P
GLA	Glamis	86.88	55	1.0	10	19 29.3 -0.2	P
GLA	Glamis	86.88	55	1.0	10	19 29.7 +0.2	P
GLA	Glamis	86.88	55	1.0	10	19 29.7 +0.2	P
N18A	Larsen Ranch,	86.88	46	1.0	10	19 29.3 0.0	P
P17A	Butcher Ranch,	86.88	48	1.0	10	19 29.1 -0.3	P
T15A	Red Dirt Ranch	86.88	51	1.0	10	19 29.3 -0.2	P
R16A	Teasdale	86.93	49	1.0	10	19 29.3 -0.3	P
K20A	Yellowstone Ra	86.93	44	1.0	10	19 28.9 -0.6	P
X13A	Yucca	86.94	54	1.0	10	19 29.3 -0.4	P
NOA	NORSAR Array B	86.98	339	1.0	10	19 27.8 -1.6	P
NOA	NORSAR Array B	86.98	339	1.0	10	19 27.8 -1.6	P
NOA	NORSAR Array B	86.98	339	1.0	10	19 27.8 -1.6	P
V14A	Boquillas Rang	87.00	52	1.0	10	19 29.8 -0.2	P
O18A	Roosevelt	87.00	47	1.0	10	19 30.0 +0.1	P
I21A	Big Trails, Te	87.02	43	1.0	10	19 30.1 +0.1	P
D24A	Glendive	87.09	39	1.0	10	19 30.2 0.0	P
S16A	Weppner Ranch,	87.11	50	1.0	10	19 30.5 0.0	P
P18A	Preston Nutter	87.15	48	1.0	10	19 30.7 +0.1	P
SRU	San Rafael	87.20	48	1.0	10	19 30.4 -0.5	P
SRU	San Rafael	87.20	48	1.0	10	19 30.8 -0.1	P
SRU	San Rafael	87.20	48	1.0	10	19 30.8 -0.1	P
W14A	Seligman	87.20	53	1.0	10	19 31.0 -0.1	P
U15A	North Rim	87.22	51	1.0	10	19 30.9 -0.2	P
Y13A	Salome	87.29	54	1.0	10	19 31.5 +0.1	P
R17A	Hanksville Air	87.40	49	1.0	10	19 31.5 -0.4	P
Q18A	Rafter H Ranch	87.47	48	1.0	10	19 31.8 -0.4	P
T16A	Glen Canyon Da	87.52	51	1.0	10	19 31.9 -0.7	P
M15A	Kaibab Nationa	87.59	52	1.0	10	19 33.3 +0.4	P
V20A	Sweetwater, Wa	87.61	45	1.0	10	19 33.4 +0.6	P
K21A	Alcova	87.64	44	1.0	10	19 32.7 -0.3	P
X14A	Yava	87.68	53	1.0	10	19 33.2 -0.2	P
Z13A	Yuma Proving G	87.69	55	1.0	10	19 33.1 -0.3	P
S17A	Black Ridge (B	87.71	50	1.0	10	19 32.7 -0.7	P
J22A	Midwest	87.73	43	1.0	10	19 33.5 +0.1	P
I13A	Mohawk Valley,	87.80	55	1.0	10	19 33.8 -0.2	P
W15A	Williams	87.81	52	1.0	10	19 34.4 +0.4	P
Y14A	Wickenburg	87.84	54	1.0	10	19 33.7 -0.4	P
N20A	Spence Gulch,	87.89	46	1.0	10	19 34.3 +0.1	P
L21A	Rawlins	87.90	45	1.0	10	19 34.0 -0.3	P
R18A	Canyonlands Na	87.98	49	1.0	10	19 34.4 -0.3	P
P19A	Cripple Cowboy	88.00	47	1.0	10	19 34.8 +0.1	P
T17A	Navajo Res., N	88.01	50	1.0	10	19 34.9 +0.1	P
Q19A	Hogan Spring (	88.14	48	1.0	10	19 35.1 +0.1	P
X15A	Humboldt	88.16	53	1.0	10	19 36.0 +0.4	P
U16A	Tuba City	88.18	51	1.0	10	19 35.8 +0.1	P
O20A	White River Ci	88.25	47	1.0	10	19 35.6 -0.3	P
S18A	Hurst Farm, BI	88.25	49	1.0	10	19 35.9 -0.1	P
Y15A	Casa Rosa Ranc	88.33	54	1.0	10	19 36.0 -0.5	P
W16A	Flagstaff	88.39	52	1.0	10	19 37.0 +0.3	P
N21A	Black Mountain	88.41	46	1.0	10	19 36.6 -0.1	P
P20A	De Beque	88.46	47	1.0	10	19 37.1 +0.2	P
R19A	Curley Farm, L	88.46	49	1.0	10	19 36.7 -0.3	P
I14A	Black Gap (USA	88.47	55	1.0	10	19 36.9 -0.2	P
T18A	Mexican Hat	88.60	50	1.0	10	19 37.1 -0.6	P
V17A	Tonalea, Kykot	88.67	51	1.0	10	19 37.9 -0.1	P
X16A	Lo Mia Camp, P	88.77	53	1.0	10	19 38.3 -0.2	P
Q20A	Ridgley Place,	88.80	48	1.0	10	19 38.8 +0.3	P
BRTR	Keskin Array B	88.80	313	1.0	10	19 37.2 -1.3	P
BRTR	Keskin Array B	88.80	313	1.0	10	19 37.2 -1.3	P
S19A	Harvey Farm, M	88.81	49	1.0	10	19 38.3 -0.3	P
Z14A	Organ Pipe Nat	88.89	56	1.0	10	19 39.0 -0.1	P
U18A	Rough Rock, Ch	88.95	50	1.0	10	19 39.3 0.0	P
I15A	Sonoran Desert	88.99	55	1.0	10	19 39.7 +0.2	P
Y16A	Circle Bar Ran	88.99	53	1.0	10	19 40.1 +0.5	P
PV01	Paradox Valley	89.01	48	1.0	10	19 39.6 +0.1	P
R20A	Redvale	89.12	48	1.0	10	19 40.2 +0.2	P
V18A	Genado	89.24	51	1.0	10	19 41.0 +0.3	P
X17A	Forest Lakes	89.27	53	1.0	10	19 41.4 +0.5	P
T19A	Declabito	89.34	50	1.0	10	19 41.0 -0.1	P
Q21A	Lamborn Mesa,	89.34	47	1.0	10	19 41.3 +0.2	P
N23A	Red Feather La	89.37	45	1.0	10	19 41.2 0.0	P

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ID	Station Name	Lat	Lon	Mag	Depth	Time	Res
U19A	Dine' College,	89.47	50	1.0	10	19 41.8 0.0	P
P22A	Eagle	89.50	46	1.0	10	19 42.3 +0.4	P
Y17A	Roosevelt	89.55	53	1.0	10	19 42.6 +0.4	P
SMCO	Snowmass	89.57	47	1.0	10	19 43.4 +1.2	P
R21A	Cimarron	89.59	48	1.0	10	19 42.2 -0.1	P
Q22A	Crested Butte,	89.78	47	1.0	10	19 43.3 +0.2	P
S21A	Cook's Tank Pass	89.78	49	1.0	10	19 43.5 +0.3	P
M24A	Cheyenne	89.79	44	1.0	10	19 43.1 -0.1	P
W19A	Sanders	89.92	51	1.0	10	19 44.5 +0.6	P
R22A	Saguache, Gunn	90.20	48	1.0	10	19 45.8 +0.6	P
V20A	Brimhall	90.24	50	1.0	10	19 45.3 -0.1	P
X19A	St. Johns	90.33	52	1.0	10	19 45.9 +0.1	P
S22A	4UR Ranch, Cre	90.40	48	1.0	10	19 46.3 +0.3	P
U21A	Nageezi	90.49	50	1.0	10	19 46.9 +0.4	P
W20A	Ramah	90.55	51	1.0	10	19 47.1 +0.3	P
Y19A	Nutroso	90.58	52	1.0	10	19 47.2 +0.3	P
T22A	Edith	90.72	49	1.0	10	19 47.8 +0.3	P
X20A	Quemado	90.84	52	1.0	10	19 48.8 +0.6	P
218A	Dragon	90.96	54	1.0	10	19 49.3 +0.5	P
O25A	Wiggins	90.96	45	1.0	10	19 48.9 +0.3	P
S23A	Nye Farm, Mont	90.98	48	1.0	10	19 49.3 +0.5	P
U22A	Llaves	91.08	49	1.0	10	19 49.3 0.0	P
I19A	Ashepach Ranch,	91.12	53	1.0	10	19 49.8 +0.2	P
Y20A	Horse Springs,	91.24	52	1.0	10	19 50.3 +0.2	P
318A	Bislee	91.25	55	1.0	10	19 50.3 +0.1	P
V22A	San Miguel Ran	91.28	50	1.0	10	19 50.2 0.0	P
SDCO	Great Sand Dun	91.30	48	1.0	10	19 50.3 0.0	P
SDCO	Great Sand Dun	91.30	48	1.0	10	19 50.7 +0.4	P
R24A	Sanders Place,	91.31	47	1.0	10	19 50.7 +0.4	P
X21A	Alamocita Cree	91.40	51	1.0	10	19 51.0 +0.2	P
Z20A	Nine Sixteen R	91.47	53	1.0	10	19 51.0 -0.1	P
Q25A	Bedland, Calha	91.52	46	1.0	10	19 51.5 +0.2	P
219A	White Tail Can	91.53	54	1.0	10	19 51.5 +0.1	P
S24A	Houchin Ranch,	91.55	47	1.0	10	19 51.7 +0.2	P
U23A	El Rito	91.56	49	1.0	10	19 51.6 -0.1	P
Y21A	Pot of Rocks	91.69	52	1.0	10	19 52.9 +0.7	P
120A	U Bar Ranch, L	91.72	53	1.0	10	19 52.8 +0.5	P
R25A	Fountain Ranch	91.91	47	1.0	10	19 52.7 -0.4	P
T24A	Torres, Weston	91.96	48	1.0	10	19 53.9 +0.6	P
Z21A	St. Cloud Mine	92.05	52	1.0	10	19 54.3 +0.5	P
S25A	Robets Cordova	92.06	47	1.0	10	19 53.8 0.0	P
ANMO	Albuquerque	92.08	50	1.0	10	19 54.7 +0.8	P
ANMO	Albuquerque	92.08	50	1.0	10	19 54.7 +0.8	P
Z20A	Playas Peak, P	92.12	54	1.0	10	19 54.4 +0.2	P
U24A	Moreno Valley	92.15	49	1.0	10	19 54.7 +0.5	P
Y22A	Socorro	92.24	51	1.0	10	19 55.2 +0.5	P
121A	Cookes Peak, D	92.35	53	1.0	10	19 55.4 +0.2	P
T25A	Trinidad	92.36	48	1.0	10	19 55.3 +0.1	P
320A	Kipp Ranch, An	92.40	54	1.0	10	19 55.7 +0.2	P
V24A	Rampart Ranch,	92.51	49	1.0	10	19 56.2 +0.3	P
Z22A	Elephant Butte	92.59	52	1.0	10	19 56.4 +0.1	P
W24A	Lazy 6 Ranch,	92.69	50	1.0	10	19 56.9 +0.2	P
U25A	Circle Dot Res,	92.75	48	1.0	10	19 57.0 0.0	P
Y23A	Lovelace Mesa,	92.89	51	1.0	10	19 57.8 +0.1	P
V25A	Rancho No Teng	92.91	49	1.0	10	19 57.9 +0.2	P
U26A	Atoley Ranch,	93.21	48	1.0	10	19 59.2 +0.1	P
W25A	X Bar L Ranch,	93.34	49	1.0	10	19 59.7 -0.1	P
ECSD	EROS Data Cent	93.48	39	1.0	10	20 00.1 -0.1	P
V26A	Tequesquite Ra	93.50	48	1.0	10	20 00.5 +0.1	P
X25A	Clemmons Ranch	93.5					







Table with columns: TYC, Yuchr, baz=234, 1.37 244 eP, Pn, 13 54 52.5 +1.1, etc.

KRSC 30 14:03:11.2±0.4, 56.38N-163.28E, h9km, 11km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

CASC 30 14:11:28.1±2.3, 11.96N-86.49W, h84km, 10km, MD3.7, ML3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISC 30 14:27:29.5±8.0, 17.97S:178.15W, h534km, 94km, mb3.2/7, mb1 3.5/7, mb1mx3.3/16, mbtmp3.2/7, Error ellipse: s-maj=54.2km s-min=29.7km az=159.0

ISCJB 30 14:27:30.8±1.4, 18.1S:0.2±178.2W±0.2, h571km, 15km, mb3.7/9, Error ellipse: s-maj=35.3km s-min=19.5km az=148.9

NEIC 30 14:27:31.2±1.1, 18.15S:178.11W, h563km, 10km, mb3.9/2, Error ellipse: s-maj=24.4km s-min=13.5km az=148.0

ISC 30 14:27:31.5±1.5, 18.1S:0.2±178.1W±0.2, h565km, 15km, n20, c055/16, mb3.7/9, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

CSEM 30 14:32:51.4, 46.38N-6.92E, h0km, ML1.1, Suspected Mining explosion, After ZUR

ZUR 30 14:32:51.4, 46.38N-6.92E, h0km, 2km, ML1.1/4, 4C, Suspected Mining explosion, Switzerland

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

Table with columns: AIGLE Aigle, 0.05 148 I/Pg, 14 32 52.7, etc.

Table with columns: GRYON Gryon, 0.19 134 ePg, 14 32 55.4, etc.

ISC 30 14:36:38.2±17.0, 5.21S:154.47E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/15, mbtmp3.5/3, Error ellipse: s-maj=285.3km s-min=105.0km az=37.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISC 30 14:39:40.5±6.1, 4.13S:102.10E, h0km, mb3.2/3, mb1 3.3/3, mb1mx3.2/20, mbtmp3.2/3, Error ellipse: s-maj=298.9km s-min=27.7km az=51.0, Southern Sumatras

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISC 30 14:42:09.3±1.7, 1.97N:124.53E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.7/21, mbtmp3.9/4, Error ellipse: s-maj=119.5km s-min=23.3km az=67.0

ISCJB 30 14:42:35.4±5.3, 1.4N±0.3:123.9E±0.3, h263km, 55km, mb3.6/4, Error ellipse: s-maj=59.9km s-min=13.4km az=137.0

NEIC 30 14:42:39.6±3.9, 1.26N:123.75E, h288km, 42km, mb3.9/1, Error ellipse: s-maj=40.5km s-min=9.0km az=47.0

ISC 30 14:42:38.8±5.4, 1.3N±0.3:123.8E±0.3, h279km, 58km, n11, c050/11, mb3.6/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISCJB 30 14:42:16.9±9.0, 32.98N±0.04±140.50E±0.08, h57km, 9km, mb3.3/2, Error ellipse: s-maj=10.9km s-min=7.2km az=11.6

JMA 30 14:48:18.2±0.2, 33.00N:140.43E, h52km, 4km, M3.6

ISC 30 14:48:19.2±0.3, 32.72N:139.77E, h42km, 53km, mb3.1/2, mb1 3.4/3, mb1mx3.1/23, mbtmp3.1/3, ML3.1/1, Error ellipse: s-maj=138.0km s-min=17.8km az=68.0

ISC 30 14:48:17.8±1.0, 32.98N±0.05±140.52E±0.08, h45km, 13km, n16, c109/28, mb3.3/2, Southeast of Honshu Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

CSEM 30 14:51:47.6±0.3, 42.94N:20.00E, h2km, ML1.8, Error ellipse: s-maj=5.6km s-min=5.0km az=42.0

BE0 30 14:51:49.8±1.0, 43.00N:20.08E, h3km, 3km, ML1.8/4, 4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

Table with columns: BARS Barje, 1.29 98 I/Pg, 14 52 13.2 -1.3, etc.

DJA 30 15:06:30.12±59S:121.78E, h103km, mb4.9/4

ISCJB 30 15:06:37.0±0.7, 11.50S:0.05±117.79E±0.06, h33km, mb4.0/3, Error ellipse: s-maj=10.2km s-min=5.9km az=142.3

IDC 30 15:06:36.8±1.2, 10.85S:118.33E, h0km, mb4.0/3, mb1 3.7/6, mb1mx3.6/18, mbtmp3.7/6, ML3.4/3, Error ellipse: s-maj=5.1km s-min=21.1km az=60.0

NEIC 30 15:06:41.8±1.0, 10.88S:118.42E, h35km, Error ellipse: s-maj=32.5km s-min=14.3km az=50.0

ISC 30 15:06:39.7±0.7, 11.43S:0.06±117.81E±0.06, h35km, n18, c19±12/3, mb4.0/3, South of Sumbawa

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

DJA 30 15:22:21.0±12S:122.86E, h61km, MLV3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISCJB 30 15:22:27.5±0.5, 54.50N±0.03±160.42E±0.10, h121km, 4km, mb3.1/3, Error ellipse: s-maj=9.9km s-min=3.5km az=22.0

KRSC 30 15:22:27.6±0.7, 54.52N:160.37E, h116km, 45km, ML3.6

IDC 30 15:22:28.2±5.1, 53.74N:161.19E, h98km, 59km, mb3.1/3, mb1 3.4/4, mb1mx3.1/25, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=125.2km s-min=29.2km az=142.0

ISC 30 15:22:28.4±0.5, 54.50N±0.03±160.43E±0.10, h117km, 5km, n25, c059/43, mb3.1/3, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.

ISC 30 15:32:39.1±1.0, 37.90N±101.64E, h0km, mb3.7/5, mb1 3.8/8, mb1mx3.7/26, mbtmp3.7/8, ML3.6/3, MS2.9/4, Ms1 2.9/4, ms1mx2±5.1, Error ellipse: s-maj=27.9km s-min=18.6km az=81.0

NEIC 30 15:32:41.2±0.7, 37.89N±101.87E, h10km, mb3.8/2, Error ellipse: s-maj=16.6km s-min=12.4km az=91.0

BJI 30 15:32:42.7±3.7, 94N±101.63E, h18km, mb4.0/2, ML3.8/1/1

ISC 30 15:32:41.0±1.4, 37.88N±0.05±101.30E±0.07, h12km, 10km, n19, c152/23, mb3.8/6, MS2.8/3, Qinghai

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AOI Ancona, CING Cingoli, SENI Senigallia, ARVD Arcevia, etc.

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

KISCR 30 17:32:42.8±1.2, 28°51'N-56°51'E, h12km, 99km, ML3.7, Error ellipse: s-maj=5.4km s-min=4.2km az=26.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IBND Bandar-abas, BNSD Bandar-Abbas, KRBK Kerman, etc.

Table with columns: IZEF, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SLWS Warramunga Arr, WLR Pirpir, BTHS BTHS, etc.

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

NNC 30 17:57:04.4±2.7, 38°13'N-71°01'E, h0km, mb3.8, mpv4.1, Error ellipse: s-maj=27.1km s-min=19.9km az=32.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, DANN Dangsing, KOLN Koldandia, etc.

IDC 30 18:17:24.1±0.9, 12°25'N-144°48'E, h0km, mb4.0/8, mb1.4/3/8, mb1mx4.0/2.1, mbtmp4.0/8, Error ellipse: s-maj=33.4km s-min=15.8km az=106.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

NEIC 30 18:17:30.2±2.2, 12°31'N-144°43'E, h45km±20km, mb4.3/2, Error ellipse: s-maj=28.5km s-min=17.1km az=102.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

IDC 30 18:17:29.5±8.8, 12°31'N-144°33'E, h32km±42km, n18, ±18/40, mb4.1/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

IDC 30 18:19:33.1±1.4, 0°54'S-129°09'E, h120km±157km, mb3.2/1, mb1.3/1.4, mb1mx2.9/1.7, mbtmp2.9/4, ML2.8/3, Error ellipse: s-maj=97.2km s-min=59.1km az=29.0, Banda Sea

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

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

IDC 30 18:32:55.4±2.1, 2°05'S-127°85'E, h0km, mb3.3/2, mb1.3/6/3, mb1mx3.4/1.8, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=141.8km s-min=76.7km az=67.0, Ceram Sea

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

BUC 30 18:41:02.7±1.1, 44°94'N-22°37'E, h5km, MD3.2/3, Error ellipse: s-maj=17.6km s-min=9.8km az=62.0

ISCJB 30 18:41:03.6±0.4, 44°96'N-0°02'35"E, h9km, 3km, Error ellipse: s-maj=2.9km s-min=2.8km az=176.1

CSEM 30 18:41:04.4±0.1, 44°97'N-22°38'E, h8km, ML3.0, Error ellipse: s-maj=2.7km s-min=2.2km az=105.0

BEO 30 18:41:04.8±0.5, 44°94'N-22°50'E, h8km±2km, ML3.0/2, Error ellipse: s-maj=18.0km s-min=12.37km az=170.3, h10km, 3km, n103, ±1806/151, 50C-11D, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DJES Djerdap, GZR Gura Zlata, GZR Gura Zlata, etc.

IDC 30 18:17:24.1±0.9, 12°25'N-144°48'E, h0km, mb4.0/8, mb1.4/3/8, mb1mx4.0/2.1, mbtmp4.0/8, Error ellipse: s-maj=33.4km s-min=15.8km az=106.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

NEIC 30 18:17:30.2±2.2, 12°31'N-144°43'E, h45km±20km, mb4.3/2, Error ellipse: s-maj=28.5km s-min=17.1km az=102.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

IDC 30 18:17:29.5±8.8, 12°31'N-144°33'E, h32km±42km, n18, ±18/40, mb4.1/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMO, WRA Warramunga Arr, etc.

IDC 30 18:19:33.1±1.4, 0°54'S-129°09'E, h120km±157km, mb3.2/1, mb1.3/1.4, mb1mx2.9/1.7, mbtmp2.9/4, ML2.8/3, Error ellipse: s-maj=97.2km s-min=59.1km az=29.0, Banda Sea

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



30d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like PSZ Piszkesteto, VYAL Valandovo, KECS Kecov, etc.

ISCJB 30 18:53:52.9,0.9,31:30N,0:07,104:11E,0:09,h0km,8km,mb3.5/3,Error ellipse: s-maj=16.7km s-min=6.2km

IDC 30 18:53:54.7,1.4,31:29N,103:97E,h0km,mb3.4/4,mb1 3.5/5,mb1mx3.4/24,mbtm3.3/5,ML3.2/1,Error ellipse: s-maj=39.0km s-min=27.2km az=59.0

BUI 30 18:53:56.6,31:14N,103:63E,h12km,ML3.2/10,ISC 30 18:53:55.9,0.9,31:27N,106:00E,103:98E,0:10,h6km,8km,n8,09/10,mb3.5/3,1C,Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like CD2 Chengdu, LZH Lanzhou, XAN Xi'an, etc.

IDC 30 18:57:33.5,6.0,28:22S,177:73W,h0km,mb3.5/2,mb1 3.7/2,mb1mx3.6/14,mbtm3.5/2,Error ellipse: s-maj=227.1km s-min=97.7km az=161.0,Kermadec Islands region

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

CASC 30 19:08:09.8,2.3,13:43N,91:96W,h36km,999km,MD4.4,ML3.8

IDC 30 19:08:11.5,5.3,13:60N,91:83W,h33km,377km,mb4.2/7,mb1 4.5/10,mb1mx4.1/25,mbtm4.2/10,ML4.3/3,MS3.6/8,Ms1 3.6/8,ms1mx3.1/32,Error ellipse: s-maj=30.9km s-min=21.1km az=39.0

NEIC 30 19:08:13.3,0.9,13:62N,91:54W,h60km,7km,mb4.3/30,Error ellipse: s-maj=11.2km s-min=7.0km az=213.0

ISC 30 19:08:11.8,1.1,13:58N,105:91E,h30km,8km,n232,0993/242,mb4.3/33,MS3.6/6,72C-71D,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like JAT Jato, FUG Fuego 3, WRA Warramunga Arr, etc.

2008 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like JTS JuntasAbangare, PPM Pucatepeti, 628A Black Gap, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like Y20A Horse Springs, X21A Alamoita Cree, U25A Circle Dot Ran, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like C16A Fuhlinger Ranc, D14A Greenough, E12A Beaver Dam Sad, etc.

ISC 30 19:13:26.0:1.2,2:38S,121.67E,h0km,mb3.7/6, mb1.4/0.7,mb1mx3.7/21,mbtmpr3.8/7,ML3.4/1,MS3.1/1, MS1.3.1/1,mb1mx2.0/26,Error ellipse: s-maj=65.5km s-min=17.4km az=52.0

DJA 30 19:13:29.2:4.95:121.54E,h19km,MLV4.2/13 NEIC 30 19:13:32.3:1.8,2:43S,121.65E,h50km,20km,mb3.7/1, Error ellipse: s-maj=40.5km s-min=9.7km az=56.0

NEIC Felt [I] at Poso. ISC 30 19:13:27.0:1.4,2:50S,104.121.54E:0.04,h2km,10km, n24,r132/29,mb3.5/5,Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSSI Masamba, APPI Ampana, KDI Kendari, etc.

ISCJB 30 19:31:14.8:0.4,4.3:00N,0:02:13:12E:0:04,h9km,5km, Error ellipse: s-maj=4.9km s-min=3.1km az=162.7 ROM 30 19:31:14.1:0.1,4.3:01N:13:11E,h7km,Md2.4/1.5, Md2.0/1.1, Error ellipse: s-maj=1.1km s-min=0.7km az=77.0 CSEM 30 19:31:14.8:0.1,4.3:00N:13:12E,h8km,ML2.5/1.1, Error ellipse: s-maj=2.8km s-min=1.8km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FDMO Fiordimonte, NRCA Norcia, SNTG Esanatoglia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNTG Esanatoglia, ASSB Assisi San Ben, ASSB Assisi San Ben, etc.

IDC 30 19:35:00.9:3.7,6:38N,124.68E,h14km,25km,mb3.6/8, mb1.3/8,mb1mx3.7/21,mbtmpr3.6/8, Error ellipse: s-maj=22.0km s-min=15.3km az=86.0 NEIC 30 19:35:00.5:1.4,6:39N,124.69E,h11km,10km,mb4.4/7, Error ellipse: s-maj=9.3km s-min=6.8km az=66.0 ISCJB 30 19:35:01.1:0.8,6:39N:0:02:14:58E:0.04,h2km,6km, mb4.0/1.6, Error ellipse: s-maj=5.9km s-min=5.8km az=174.8

DJA 30 19:35:02.6:46N,124.41E,h31km,MLV4.8/5 MAN 30 19:35:02.6:55N,124.59E,h26km,ML4.8,ML3.7,MS3.7 ISC 30 19:35:00.5:0.8,6:41N:0:03:12:60E:0.04,h6km,6km, n48,r140/60,mb4.0/1.6,2C-ID, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KCP Kidapawan, CTBH Cotabato-PC H, DMPH Davao City-Mi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), STKA Stephens Creek, ULY Ulanbaatar, etc.

DDA 30 19:53:10.3,39:15N,29:40E,h7km,4km,Md3.1 ISK 30 19:53:10.2,39:13N,29:32E,h2km,MD3.0 ISCJB 30 19:53:11.3:0.3,39:12N:0:02:29:38E:0.03,h10km, Error ellipse: s-maj=3.6km s-min=3.1km az=157.8 CSEM 30 19:53:11.0:0.1,39:15N:29:40E,h2km,MD3.1, Error ellipse: s-maj=2.1km s-min=1.8km az=128.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DEMI Demirci, DEMI Demirci, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRSC 30 20:00:06.0:0.6,55:46N,166:10E,h22km,22km,ML3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL 30 20:00:49.0:5.38:39S,175:93E,h147km,3km,ML3.6/13, Error ellipse: s-maj=3.2km s-min=2.9km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TMWZ, MTW, CAW, SNZO, MSWZ, TCW, PLWZ, NLWZ, THZ, MOZ.

MOS 30 20:23:28.3:1.1, 43:57N:44:85E, h22km, mb3.9/1, Error ellipse: s-maj=12.4km s-min=8.7km az=77.9

CSEM 30 20:23:28.3, 43:57N:44:85E, h22km, mb3.9, After OBN

ISCJB 30 20:23:29.0:6.43:55N:0:03:44.99E:0.03, h14km, 3km, Error ellipse: s-maj=5.2km s-min=4.3km az=21.1

ISC 30 20:23:28.6:0.5, 43:55N:0:03:44.99E:0.03, h14km, 3km, n34, c1514/65, SC-4D, Western Caucasus

Main table for 30d 22h section, listing station codes, names, azimuths, phase IDs, times, and residuals for various stations like TRKR, BTKR, SNJR, etc.

HLW 30 20:36:53.6:36:63N:28:22E, h27km, 70km, M3.1

ISCJB 30 20:36:54.7:0.4, 36:70N:0:03:28:29E:0.03, h62km, 7km, Error ellipse: s-maj=4.4km s-min=4.0km az=152.0

DDA 30 20:36:54.5, 36:72N:28:30E, h57km, 1km

ATH 30 20:36:55.2, 36:73N:28:22E, h54km, 2.3km, MD3.4/9

ISK 30 20:36:55.1, 36:89N:28:34E, h19km, MD3.3

CSEM 30 20:36:55.3:0.2, 36:67N:28:34E, h48km, 6km, MD3.3, Error ellipse: s-maj=3.8km s-min=3.6km az=37.0

ISC 30 20:36:55.6:0.4, 36:69N:0:02:28:31E:0.03, h53km, 8km, n66, c0592/92, Dodecanese Island

Table for 30d 22h section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like TURN, DAT, FETY, UNCR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLBC, BCKB, BKCK, AKHS, etc.

MOS 30 21:03:22.1:1.0, 43:55N:44:84E, h20km, mb4.0/1, Error ellipse: s-maj=11.3km s-min=8.5km az=80.5

CSEM 30 21:03:22.1, 43:55N:44:84E, h20km, mb4.0, After OBN

ISCJB 30 21:03:23.1:0.6, 43:57N:0:03:44.94E:0.03, h16km, 7km, Error ellipse: s-maj=5.6km s-min=4.2km az=175.8

ISC 30 21:03:22.5:0.6, 43:56N:0:03:44.99E:0.03, h12km, 3km, n35, c1508/69, SC-3D, Western Caucasus

Main table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like TRKR, BTKR, SNJR, etc.

MAN 30 21:50:30.16:25N:120:08E, h25km, mb3.6, ML2.3, MS1.8, 1D, Luzon

Table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like BOLD, BCPH, SCZP, BALP, etc.

ISCJB 30 21:55:18.0:1.2, 17:25S:179:09W:0:10, h541km, 17km, mb3.5/9, Error ellipse: s-maj=17.7km s-min=12.9km az=150.3

IDC 30 21:55:18.4:10.0, 17:17S:179:01W, h530km, 120km, mb3.0/5, mb1.3/3.5, mb1mx3.0/16, mbtmp3.0/5, Error ellipse: s-maj=91.4km s-min=42.4km az=157.0

NEIC 30 21:55:20.1:0.6, 17:23S:178:99W, h557km, 7km, mb3.7/5, Error ellipse: s-maj=12.4km s-min=9.5km az=157.0

ISC 30 21:55:19.8:0.9, 17:25S:0:1:17:30W:0:09, h552km, 12km, n35, c0981/23, mb3.5/9, Fiji Islands region

Main table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like MSVF, AFI, RAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKL, TORO, TXAR, HFS, ILAR, etc.

ISCJB 30 21:21:48.4:1.0, 38:13N:0:04:23:63E:0:07, h28km, 9km, Error ellipse: s-maj=9.2km s-min=6.3km az=157.9

CSEM 30 21:21:48.5:0.3, 38:13N:23:61E, h26km, 3km, MD2.6, Error ellipse: s-maj=4.7km s-min=2.8km az=80.0

THE 30 21:21:48.9, 38:12N:23:58E, h28km, 1km, ML1.5/3, Error ellipse: s-maj=1.6km s-min=0.8km az=87.0

ATH 30 21:21:49.1, 38:11N:23:54E, h15km, 5km, MD2.6/4, ML1.5, Error ellipse: s-maj=1.6km s-min=0.8km az=87.0

ISC 30 21:21:48.4:1.0, 38:13N:0:04:23:63E:0:07, h27km, 9km, n19, c058/37, Greece

Main table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like ATH, PTL, KTH, etc.

MAN 30 21:50:30.16:25N:120:08E, h25km, mb3.6, ML2.3, MS1.8, 1D, Luzon

Table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like BOLD, BCPH, SCZP, BALP, etc.

ISCJB 30 21:55:18.0:1.2, 17:25S:179:09W:0:10, h541km, 17km, mb3.5/9, Error ellipse: s-maj=17.7km s-min=12.9km az=150.3

IDC 30 21:55:18.4:10.0, 17:17S:179:01W, h530km, 120km, mb3.0/5, mb1.3/3.5, mb1mx3.0/16, mbtmp3.0/5, Error ellipse: s-maj=91.4km s-min=42.4km az=157.0

NEIC 30 21:55:20.1:0.6, 17:23S:178:99W, h557km, 7km, mb3.7/5, Error ellipse: s-maj=12.4km s-min=9.5km az=157.0

ISC 30 21:55:19.8:0.9, 17:25S:0:1:17:30W:0:09, h552km, 12km, n35, c0981/23, mb3.5/9, Fiji Islands region

Main table for 2008 SEP section, listing station codes, names, azimuths, phase IDs, times, and residuals for stations like MSVF, AFI, RAO, etc.

0587/26, mb4.2/12, MS3.8/15, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data for the Southern Mid-Atlantic Ridge region.

ATH 30 22:44:37.2, 39°48N, 19°07E, h4km, MD3.1/4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ATH event.

MAN 30 22:51:04, 16.67N, 120.09E, h38km, mb4.1, ML2.9, MS2.6, 1C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the MAN event.

CSEM 30 23:00:16.9, 0.2, 39°70N, 25°51E, h2km, ML2.4/8, Error ellipse: s-maj=3.8km s-min=3.4km az=20.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the CSEM event.

ATH 30 23:00:17.7, 39°71N, 25°66E, h36km, 3km, MD3.3/5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ATH event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Kuril Islands region.

KRSC 30 23:03:21.7, 0.6, 61.48N, 156.84E, h21km, 21km, ML4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the KRSC event.

JMA 30 23:02:02.4, 0.5, 33°55N, 141°95E, h61km, M3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the JMA event.

ISCJ 30 23:03:03.8, 0.7, 33°29N, 104°141.31E, 0.09, h33km, mb3.7/2, Error ellipse: s-maj=11.2km s-min=5.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISCJ event.

ISC 30 23:05:09.0, 7.7, 33°31N, 104°141.27E, 0.09, h35km, n21, +154/30, mb3.7/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC event.

NEIC 30 23:33:44.0, 0.3, 0°26S, 132°74E, h35km, mb4.5/4, Error ellipse: s-maj=11.6km s-min=5.5km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the NEIC event.

KRSC 30 23:43:15.7, 0.6, 51.48N, 157.67E, h101km, 70km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the KRSC event.

ISCJ 30 23:50:43.7, 1.4, 17°0S, 0°1, 178°51W, 0.09, h440km, 16km, mb3.9/13, Error ellipse: s-maj=17.8km s-min=13.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISCJ event.

ISC 30 23:50:45.0, 1.4, 17°1S, 0°1, 178.46W, 0.09, h453km, 17km, +157, +097/32, mb3.9/13, 2C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC event.

ABTA	Abfaltersbach	149.03 345	iPKPbc	PKPbc	00 09 41.4	-0.7
DAVOX	Davos/Dischmat	149.56 349	PKPbc	PKPbc	00 09 44.0	+0.5
LOR	Lormes	149.81 357	ePKP1	PKPbc	00 09 43.8	-0.2
SSF	Saint Saulge	150.03 357	ePKP1	PKPbc	00 09 44.4	-0.2
AVF	Avril sur Loir	150.31 357	ePKP1	PKPbc	00 09 44.7	-0.5
MFF	Saint Martin d	150.50 2	ePKP1	PKPbc	00 09 45.3	-0.4
BGF	Bois d'Agland	150.56 358	ePKP1	PKPbc	00 09 45.6	-0.2
TCF	Toulx Ste Croi	150.84 359	ePKP1	PKPbc	00 09 46.0	-0.5
LPL	La Plagne	151.29 352	ePKP1	PKPbc	00 09 48.4	+0.9
LPG	La Plagne	151.31 352	ePKP1	PKPbc	00 09 48.3	+0.7
ORIF	Oris-en-Rattie	151.98 353	ePKP1	PKPbc	00 09 49.1	0.0
MBDF	Montbardon	152.06 352	ePKP1	PKPbc	00 09 49.3	0.0
VIVF	Saint-Julien-I	152.16 355	ePKP1	PKPbc	00 09 49.6	+0.1
CAF	Calviac	152.21 359	ePKP1	PKPbc	00 09 48.6	-1.0
TOAO	Torodi Ar. Sit	176.11 182	PKPdf	PKPdf	00 10 04.6	+0.3

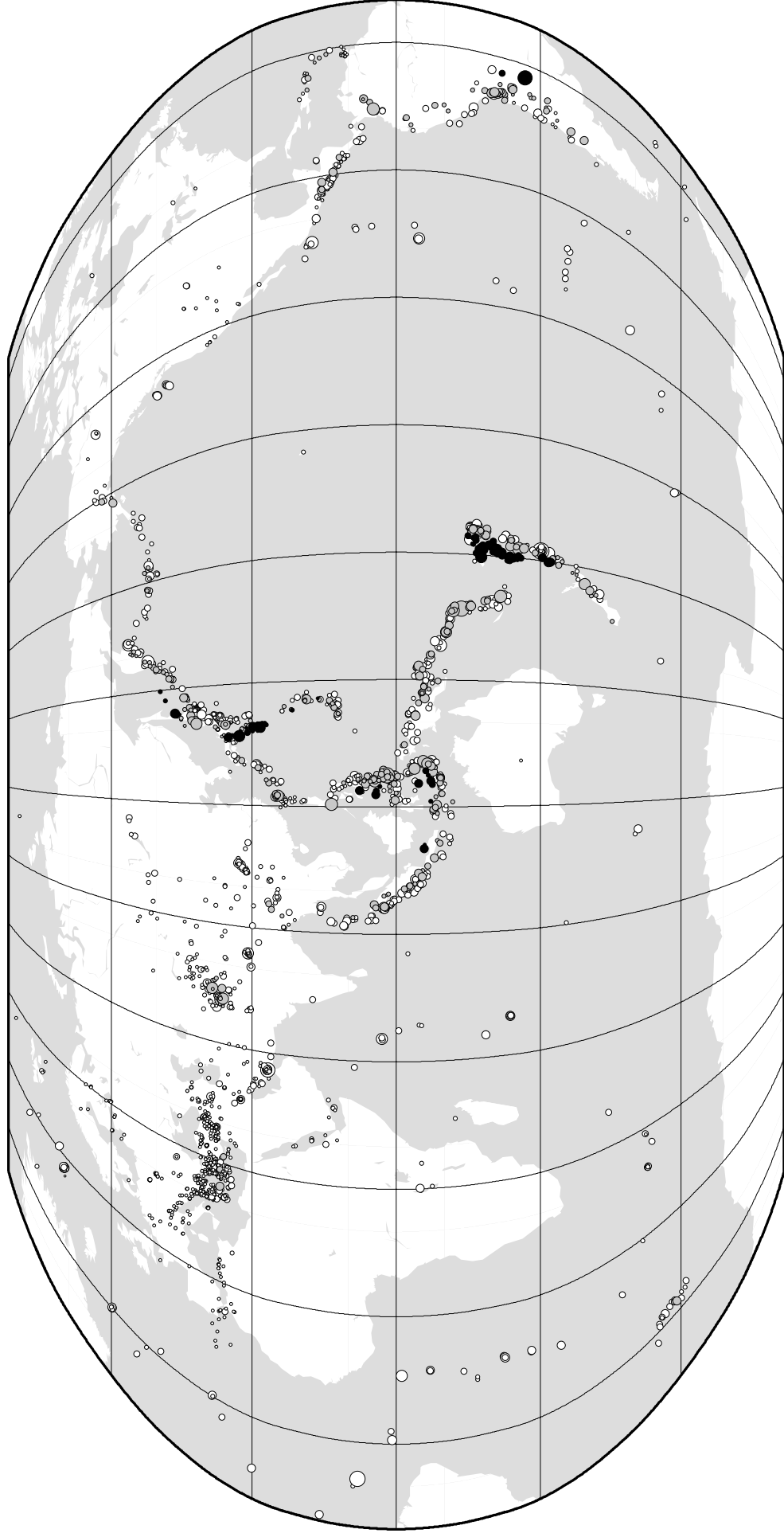
KRSC 30 23:52:49.4:0.7,5276N,160.60E,h11km,11km,ML3.5,  
Off east coast of Kamchatka Peninsula

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
				Op	h m s	ISC
SPN	Mys Shipunski	0.49	314	eP	23 53 00.6	+1.7
SPN				iS	23 53 08.2	+2.9
NLC	Nalytchevo	0.86	299	eP	23 53 06.5	+0.5
NLC				iS	23 53 19.1	+1.8
PET	Petropavlovsk	1.21	283	eP	23 53 12.0	-0.2
PET				iS	23 53 28.4	+0.5
AVH	Avacha	1.23	295	eP	23 53 12.9	+0.4
AVH				iS	23 53 30.6	+2.0
RUS	Russkaya	1.31	256	eP	23 53 13.5	-0.1
RUS				iS	23 53 31.0	+0.1
KII	Karymskiy	1.45	332	eP	23 53 16.4	+0.9
KII				iS	23 53 35.8	+1.2
GRL	Gorelyy	1.55	263	eP	23 53 18.0	+1.1
GRL				iS	23 53 38.9	+1.9
GNL	Ganaly	1.85	301	eP	23 53 22.8	+1.8
GNL				iS	23 53 47.7	+3.3
MKZ	Mys Kozlova	1.92	20	eP	23 53 21.6	-0.4
MKZ				iS	23 53 45.3	-0.8
KMNR	Kamenistaya	3.01	356	eP	23 53 40.0	+3.1

IDC 30 23:57:47.6:3.5,3.93S,138.65E,h0km,mb3.3/2,  
mb1 3.7/4,mb1mx3.6/14,mbtmp3.5/4,ML3.6/2,Error  
ellipse: s-maj=114.3km s-min=28.6km az=91.0,Irian  
Jaya

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	16.46	194	Pn	00 01 40.8	+0.7
FITZ	Fitzroy Crossi	18.99	221	P	00 02 10.3	-1.3
ASAR	Alice Springs	20.15	193	P	00 02 23.9	+0.3
MKAR	Makanchi Array	70.71	323	P	00 09 05.6	+0.2

# ISC Computed Locations for September 2008



Robinson Projection, centred on 0°N,130°E

