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

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 Pipers Lane, Thatcham, Berkshire, RG19 4NS, United Kingdom**

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

NEIC 01 18:45:41.7±1.7, 2170S, 17955W, h600km, mb4.6/6, Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
 IDC 01 18:45:46.3±2.6, 2176S, 17970W, h627km, mb3.5/4, mb1 3.7/4, mb1mx3.2/1.4, Error ellipse: s-maj=83.2km s-min=20.6km az=159.0
 ISC 01 18:45:43.1-2.7, 223S-02, 1796W-03, h613km, 42km, n22, s1515/21, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	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	Op	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.

IDC 01 00:16:40.7.0.8, 3306N-9056E, h0km, mb3.9/10, mb1.4/1.1, mb1mx3.9/22, mbmp3.9/11, ML3.5/1, Error ellipse: s-maj=29.6km s-min=17.2km az=46.0

IS/CJB 01 00:16:45.7.1.1, 3314N-005:9068E-008, h4km, mb4.1/3km, mb3.9/10, Error ellipse: s-maj=11.2km s-min=9.1km az=10.6

BUJ 01 00:16:45.8, 3295N-9082E, h31km, mb3.8, ML3.3 NEIC 01 00:16:46.5.0.7, 3311N-9067E, h35km, mb3.7/2, Error ellipse: s-maj=18.2km s-min=10.9km az=79.0

ISC 01 00:16:47.9.0.8, 3315N-005:9069E-008, h052km, n17, n25, o092/26, mb3.9/10, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, GUN Gumba, JIRN Jiri, KAKANI Kakani, etc.

IDC 01 00:48:50.5.2.5, 779N-9327E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.5/21, mbmp3.9/4, Error ellipse: s-maj=143.5km s-min=24.3km az=55.0, Nicobar Islands region

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

IDC 01 01:05:11.9.2.1, 816N-9383E, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.6/21, mbmp3.9/4, MS3.4/4, Ms1 3.4/4, ms1mx3.0/36, Error ellipse: s-maj=98.6km s-min=31.6km az=56.0

IS/CJB 01 01:05:12.1.1.6, 83N-03:940E-05, h10km, mb4.3/8, MS3.4/4, Error ellipse: s-maj=81.5km s-min=17.3km az=145.1

ISC 01 01:05:17.8.7.3, 83N-04:940E-05, h38km, mb65km, n14, o020/12, mb4.3/8, MS3.4/4, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like JIRN Jiri, PKI Pulochoki, GUN Gumba, DMN Damam, KKN Kakani, etc.

IDC 01 01:18:29.7.0.9, 055N-12490E, h0km, mb4.0/6, mb1.4/1.6, mb1mx3.9/16, mbmp4.0/6, Error ellipse: s-maj=164.6km s-min=17.0km az=66.0

IS/CJB 01 01:18:32.7.0.6, 049N-010:1249E-02, h33km, mb4.2/9, Error ellipse: s-maj=7.0km s-min=9.6km az=157.0

DJA 01 01:18:33.1.0.6, 1262E, h21km, ML.4/2 NEIC 01 01:18:34.7.0.5, 046N-12484E, h35km, mb4.4/4, Error ellipse: s-maj=24.0km s-min=8.1km az=66.0

ISC 01 01:18:34.8.0.6, 045N-009:1248E-02, h35km, n17, o097/16, mb4.2/9, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, WRAB Tennant Creek, etc.

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Table with columns: Vanda, MALT, TORD, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like Vanda, MALT, TORD.

IDC 01 01:44:14.9.1.6, 2079S-17953W, h0km, mb4.4/5, mb1.4/7.5, mb1mx4.3/13, mbmp4.4/5, Error ellipse: s-maj=136.8km s-min=22.7km az=155.0

IS/CJB 01 01:45:11.8.1.0, 225S-03:1799W-02, h600km, mb4.5/13, Error ellipse: s-maj=44.6km s-min=16.1km az=154.8

NEIC 01 01:45:17.0.4.1, 226S-1799W, h653km, mb4.5/10, Error ellipse: s-maj=29.3km s-min=21.5km az=162.0

ISC 01 01:45:13.1.1.0, 225S-03:1799W-02, h600km, n17, o040/17, mb4.5/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like CAN Canberra Magne, CTA Charters Tower, CTAO Charters Tower, etc.

IS/CJB 01 02:08:37.0.0.2, 3266N-002:11606W-002, h21km, 2km, Error ellipse: s-maj=2.9km s-min=2.4km az=11.2

NEIC 01 02:08:37.0.0.2, 3268N-11611W, h12km, ML3.9(PAS), ML4.0(EECX), After PAS.

NEIC FIT (I) at Alpine, Campo, Jacumba, La Jolla, Pine Valley and San Diego; (II) at Escondido, Lakeside, Ramona and Spring Valley. Also felt at Calexico, Chula Vista, Coachella, Descanso, Desert Hot Springs, El Cajon, El Centro, Holtville, Imperial, Julian, La Mesa, La Quinta, Ocotillo, Palm Desert, Palm Springs, Rancho Santa Fe and Temecula.

ECX 01 02:08:38.2.0.8, 3270N-11611W, h3km, 2km, MD4.0, ML4.2

ISC 01 02:08:37.4.0.2, 3266N-002:11610W-002, h13km, 2km, n108, o096/143, 48C-51D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like DVTC Desert V Tower, RMX La Romerosa, YUH Yuha Desert, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ENX Ensenada, ENX Ensenada, ENX Ensenada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like GLA Glamis, GLA Glamis, GLA Glamis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like BELC Belle Mtn, SPX San Pedro Mart, IRM Iron Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like Y12C Blythe, BBRC Big Bear Sol-O, BBRC Big Bear Sol-O, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like CIS Catalina Island, CIS Catalina Island, CIS Catalina Island, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like SCI Fort Macarthur, GMRC Grand Mount, GMRC Grand Mount, etc.

IS/CJB 01 02:09:45.7.0.5, 2562N-005:10199E-007, h10km, mb3.9/14, MS3.2/5, Error ellipse: s-maj=9.5km s-min=5.5km az=148.7

IDC 01 02:09:45.0-0.9, 2529N;101.41E, h0km, mb3.9/11, mb1.0/11, mb1mx3.8/22, mbtmp3.9/11, MS3.3/5, Ms1.3/1.5, ms1mx3.1/2.4, Error ellipse: s-maj=58.8km s-min=15.9km az=61.0

NEIC 01 02:09:47.0-0.6, 2530N;101.48E, h10km, mb4.0/2, Error ellipse: s-maj=27.6km s-min=12.0km az=64.0

BUI 01 02:09:48.5, 2559N;101.99E, h16km, mb4.6, mb4.2, ML3.8, Ms3.9, Msz3.5

ISC 01 02:09:47.5-0.5, 2558N;101.99E;006, h10km, n29, r13/32, mb3.9/14, MS3.2/3, 1C-1D, Yunnan

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

ISCJB 01 02:17:40.4-0.5, 3245N;003.11522W;003, h8km, 4km, Error ellipse: s-maj=4.8km s-min=3.5km az=155.5

ECX 01 02:17:40.1-0.9, 3247N;11520W, h1km, MD3.1, ML3.2

ISC 01 02:17:40.6-0.5, 3245N;003.11522W;003, h11km, 4km, n16, c081/30, 10C-7D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the California-Baja California border region.

IDC 01 02:29:35.7-6.1, 2630S;17855E, h570km, 62km, mb3.3/4, mb1.3/5.6, mb1mx3.3/13, mbtmp3.3/6, Error ellipse: s-maj=57.2km s-min=21.4km az=41.0

ISCJB 01 02:29:36.1-3.3, 2655S;1784E, h596km, 19km, mb4.1/12, Error ellipse: s-maj=34.1km s-min=15.6km az=154.9

NEIC 01 02:29:37.1-0.9, 2642S;17852E, h592km, 10km, mb4.1/10, Error ellipse: s-maj=17.7km s-min=11.1km az=223.0

ISC 01 02:29:37.2-1.5, 2642S;102.1785E;03, h587km, 19km, n25, c0563/21, mb4.1/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the South of Fiji Islands region.

IDC 01 02:30:12.8-9.9, 106S;9803E, h0km, mb4.1/3, mb1.3/9.4, mb1mx3.6/2.1, mbtmp3.9/4, ML2.9/1, MS3.0/1, ms1mx2.7/2.6, Error ellipse: s-maj=240.7km s-min=86.4km az=131.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the Southern Sumatara region.

NEID 01 02:42:00.3470N;13790E, h9km, Mw4.1, Best double couple: M1: 7.00000; -1.15; NP1: 3.51; 0.0000; 1.86, 0.0000; 1.13, 0.0000; NP2: 2.60, 0.0000; 8.77, 0.0000; 1.76, 0.0000

IDC 01 02:42:00.9-0.8, 3446N;13752E, h0km, mb3.9/8, mb1.4/1.1, mb1mx3.9/20, mbtmp3.9/11, ML3.8/3, MS3.1/5, Ms1.3/1.5, ms1mx3.0/2.4, Error ellipse: s-maj=25.9km s-min=18.6km az=72.0

ISCJB 01 02:42:45.0-0.5, 3465N;003.13790E;003, h13km, 2km, mb3.9/13, MS3.2/3, Error ellipse: s-maj=4.5km s-min=4.3km az=167.7

JMA 01 02:42:45.5, 3470N;13790E, h13km, 1km, M4.3, Crocodand fault plane solution; P waves: NP1: c=20.0000; 3.60, 0.0000; 1.74, 0.0000; NP2: c=53.0000; 8.85, 0.0000; 1.30, 0.0000; Principal axes: T: P1g25.0000; Azm221.0000; N: P1g59.0000; Azm2.0000; P: P1g17.0000; Azm123.0000; JMA Fell IV 1.

NEIC 01 02:42:45.0-0.8, 3455N;13751E, h10km, mb4.3/1, Error ellipse: s-maj=23.9km s-min=15.3km az=103.0

NEIC Recorded (4 JMA) in Shizuoka, (2 JMA) in Gifu and (1 JMA) in Aichi, Nagano and Nara Prefectures.

ISC 01 02:42:44.9-0.4, 3464N;002.13789E;003, h11km, 2km, n38, r120/46, mb3.9/13, MS3.2/3, 6C-4D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the Near south coast of eastern Honshu region.

ISCJB 01 02:53:57.0-0.4, 3930N;002.2091E;003, h10km, Error ellipse: s-maj=3.7km s-min=3.1km az=172.4

NEIC 01 02:53:57.5, 3925N;2092E, h4km, MD3.3(ATH), After A/FH

CSEM 01 02:53:57.9-0.1, 3928N;2090E, h2km, MD3.3, Error ellipse: s-maj=3.0km s-min=2.8km az=47.0

ATH 01 02:53:57.5, 3925N;2092E, h4km, MD3.3/3, THE 01 02:53:58.0, 3931N;2090E, h3km, ML3.0

ISC 01 02:53:57.3-0.5, 3926N;002.2091E;003, h2km, 6km, n22, c090/37, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the Greece-Albania border region.

GUC 01 03:13:50.6-0.5, 2130S;7053W, h33km, ML4.4

ISCJB 01 03:13:51.3-1.0, 2113S;005.7044W;009, h68km, 10km, mb4.2/24, Error ellipse: s-maj=13.6km s-min=9.0km az=177.4

BUI 01 03:13:51.8, 2100S;7010W, h2km, mb4.7, Ms4.9, Msz4.6

IDC 01 03:13:51.7, 0.7, 2109S;7020W, h62km, 5km, mb3.9/8, mb1.4/1.1, mb1mx3.9/20, mbtmp3.9/11, MS3.3/8, Ms1.3/3.7, ms1mx3.0/2.6, Error ellipse: s-maj=21.6km s-min=8.5km az=59.0

NEIC 01 03:13:52.8, 2100S;7008W, h69km, 13km, mb4.4/17, Error ellipse: s-maj=14.1km s-min=7.6km az=85.0

ISC 01 03:13:52.0-1.0, 2122S;005.7058W;009, h57km, 11km, n62, r112/54, mb4.3/24, MS3.4/5, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, H, m, s, ISC. Lists seismic stations in the Near coast of northern Chile region.

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1d 4h

3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Limon Verde, Los Morros, Antofagasta, Cerro Paranal, La Paz, Las Campanas, San Ignacio, Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Makanchi Array, KURK Kurchatov, KURB Kurchatov Arra, BVAO Borovoye Array, GUC, NEIC, LMEI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WTP Ta-pu, SCZT Fangliu, SGLT Jiou, ALS Alishan, CHN1 Nanshi, CHN2 Hsiaoichu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MORC Moravsky Berou, TREK Moravsky, NKC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCOH CIPRESSES, LCOH Toiolo Astrono, LNV Longovio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, DZM Mont Dzumac, URZ Urewera, etc.

1d 10h

Table with columns: VDA, Vanda, 88.46 193 LR LR 08 16 42.0, BORG Borgaines, 88 26 75 LR LR 08 23 50.1, DBIC Dimbocko, 97.79 84 LR LR 08 26 56.4, ESDC Sonseca Array, 98.31 50 LR LR 08 21 14.0, ASAR Alice Springs, 119.24 241 PKP PKPdf 07 49 56.3 -2.1, WRA Warramunga Arr, 119.24 245 PKP PKPdf 07 49 58.4 -1.4, CN2 Changchun, 121.33 321 ePKP PKPdf 07 49 58.0 -3.9, CN2 comp=N,200nm,17.0s,MS5.0 LR LR, CN2 comp=E,200nm,17.0s,MS5.0 LR LR, CN2 comp=Z,200nm,19.0s,MS4.8 LR LR, HHC Hu-ho-hao-te, 131.38 326 ePKP PKPdf 07 50 17.5 -3.7, HHC HHC, 132.26 349 PKP PKPdf 07 52 39.4 +0.5, HHC HHC, 142.77 321 ePKP PKPdf 08 10 08.7 -3.1, HHC comp=Z,48nm,8.8s LR LR, HHC comp=N,202nm,20.4s,MS5.3 LR LR, HHC comp=E,639nm,22.1s,MS5.3 LR LR, HHC comp=Z,180nm,20.2s,MS4.8 LR LR, NJ2 Nanjing, 131.62 312 ePKP PKPdf 07 50 16.6 -5.3, WMO Urumqi, 138.28 349 PKP PKPdf 07 50 53.2 +0.7, CD2 Chengdu, 142.77 321 ePKP PKPdf 07 50 40.1 -2.4, CD2 APKP 07 50 45.2, CD2 XPKP 07 50 49.8, CD2 PP 07 53 53.2 +3.0, CD2 PKS 07 54 15.0, CD2 SKSdf 07 57 45.0 -7.7, CD2 SKKS 08 00 38.0 -6.5, CD2 comp=Z,150nm,10.2s LR LR, CD2 comp=N,150nm,21.8s LR LR, CD2 comp=Z,130nm,18.6s,MS4.7 LR LR, GYA Guiyang, 143.60 313 ePKP PKPdf 07 50 40.8 -3.3, GYA PKP 07 50 53.2 +1.6, GYA PKG 07 54 16.2, GYA SKS 07 57 48.8 -5.4, GYA SKKS 08 00 45.5 -4.0, GYA SS 08 12 35.7 -2.2, GYA comp=Z,90nm,6.9s LR LR, GYA comp=N,120nm,20.8s,MS4.8 LR LR, GYA comp=E,150nm,22.4s,MS4.8 LR LR, GYA comp=Z,110nm,21.8s,MS4.6 LR LR, KMI Kunming, 147.23 315 PKP PKPdf 07 50 47.5 -2.8, KMI APKP 07 50 53.2, KMI XPKP 07 50 55.9, KMI comp=Z,67nm,4.2s LR LR, KMI comp=N,80nm,15.5s,MS4.9 LR LR, KMI comp=E,128nm,16.9s,MS4.9 LR LR, KMI comp=Z,149nm,21.8s,MS4.7 LR LR

IDC 01 07:44:27.3.2.5, 5357N-8780E, h0km, mb1.3/4/1, mb1mx3.0/22, mbtmp3.4/1, ML3.3/1, Error ellipse: s-maj=22.0km s-min=11.9km az=82.0 NNC 01 07:44:32.1.3.2, 5307N-8770E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=24.4km s-min=17.6km az=45.0 ISC 01 07:44:29.6.2.1, 5354N-009.878E:02, h10km, n5, e073/9, 7C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZALV Zalesovo Beam, ZALV ZALV, ZALV ZALV, KURK Kurchatov, KURK Kurk, KURK Kurk, KURB Kurchatov Arra, KURB KurB, KURB KurB, MK31 Makanchi Array, MK31 MK31, MK31 MK31, MKAR Makanchi Array, MKAR MKAR, MKAR MKAR

ISCJB 01 07:57:05.6.1.4, 4082N-005.207E:01, h25km, 7km, Error ellipse: s-maj=16.5km s-min=8.4km az=10.7 CSEM 01 07:57:05.0.0.3, 4082N-2070E, h20km, 2km, ML3.5, Error ellipse: s-maj=4.9km s-min=2.7km az=90.0

THE 01 07:57:06.5, 4086N-2068E, h20km, ML3.5 SKO 01 07:57:07.4, 4088N-2078E, h12km ISC 01 07:57:05.3, 4, 4083N-005.206E:01, h22km, gkm, n9, e062/16, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KBN Korca, KBN Ohrid, OHR Ohrid, OHR Ohrid, OHR Ohrid, BIA Bitola, BIA Bitola, BIA Bitola, BIA Florina, FNA FNA, MEV Metsovo, LIT Litohoron

ISCJB 01 07:58:07.0.8.291S:010-1023W:02, h10km, mb4.4/2/0, MS4/0/14, Error ellipse: s-maj=24.3km s-min=10.1km az=153.8

IDC 01 07:58:07.8.1.4, 292S-10229W, h0km, mb4.2/1/0, mb1.4, 3/1/0, mb1mx3.3/16, mbtmp4.2/10, MS4/0/14, Ms1.4/0/14, ms1mx3.8/23, Error ellipse: s-maj=49.8km s-min=15.4km az=57.0 NEIC 01 07:58:09.2.0.6, 294S-1023W, h10km, mb4.8/1/0, Error ellipse: s-maj=18.8km s-min=7.8km az=64.0

ISC 01 07:58:09.4.0.8, 294S-010-1023W:02, h10km, n33, e078/24, mb4.4/2/0, MS4/0/14, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATAH Atahualpa, RPN Rapa Nui, NNA Nana

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Table with columns: TEIG Tepich, ROSC El Rosal, TXAR Lajas, TXAR Lajas, TXAR Santo Domingo, LPAZ La Paz, LVC Limon Verde, ANMO Albuquerque, MIAR Mount Ida, WVT Waverly, CCM Cathedral Cave, SIV San Ignacio, ISCO Idaho Springs, CFAA Coronel Fontan, CFAA Coronel Fontan, NVAR Mina Array Be, NVAR Mina Array Be, HDIL Hopedale, ECSD EROS, Sioux Falls, PASO Paso Flores, PLCA Lac du Bonnet, YBH Yreka Blue Hor, PPT Paapeete, CPUP Villa Flores, EYMM Eyma, ULM Lac du Bonnet, ULM Lac du Bonnet, BDFB Brasilia, BDFB Brasilia, SCHO Schefferville, YKA Yellowknife Ar, QSPA South Pole Qui, JMJC Jan Mayen

IDC 01 08:00:11.0.2.9, 5244N-3482E, h0km, mb1.3/6/2, mb1mx3.2/20, mbtmp3.6/2, ML3.2/3, Error ellipse: s-maj=32.7km s-min=10.9km az=114.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AKASG Main Array Be, AKASG AKASG, AKASG AKASG, AKASG AKASG, AKASG AKASG, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCES Array B

JMA 01 17:49:6.0.9, 4651N-15336E, h30km, M4.4 ISCJB 01 08:17:51.5.1.7, 4583N-010.1534E:01, h50km, 16km, mb3.8/1/0, Error ellipse: s-maj=17.2km s-min=12.5km az=146.1

MOS 01 08:17:51.6.1.8, 4618N-15342E, h40km, mb4.0/1/0, Error ellipse: s-maj=15.1km s-min=7.1km az=54.2

IDC 01 08:17:55.0.4.7, 4606N-15343E, h57km, 43km, mb3.5/1/0, mb1.3/7/12, mb1mx3.6/22, mbtmp3.5/12, ML3.8/2, Error ellipse: s-maj=27.4km s-min=19.2km az=112.0

ISC 01 08:17:53.1.1.2, 4589N-009.1534E:01, h43km, 13km, n56, e137/63, mb3.8/1/0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, SKR Severo-Kuril's, SKR SKR, NEMZ Nemuro 2, NEMZ Nemuro 2, JRA Rausu, JNK Nakash, JAK Akkeshi, JAK Akkeshi, JTJR Ashoburoto, JAR Ashoburoto, JMB Maruseppu, JOP Onsetsp, JOB Onsetsp, JKK2 Kamakawa 2, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Churui, JCH Churui, ERM Erimo, JEM Erimo, JNBK Urawaka-nobuka, JNBK Urawaka-nobuka, JNTB Biratori 2, JNB Noboribetsu, JSK Shakotan, JKB Kayabe, JSB Shimano, JYM Yamanashi, JANG Nango, JNB Tenmabayashi, JOSM Okushiri-Mats, OFJU Ofunato, JRU Rokugo, JIO Ouri, HABR Khabarovsk

ISC 01 18:02:09.2.0.5, 3663N-003.270E:01, h10km, 2km, n18, e058/27, Turkey

BLCB Balcova, BLCB Balcova, KDAG Bornova, KDAG Bornova, URLA Izmir, URLA Izmir, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, MANT MANT, KULA Kula-Manisa, EZN Ezine, BTOK Tokmak, BTOK Tokmak, BOZC Bozcaada, BOZC Bozcaada, BOZC Bodrum, BOST Dursunbey, LAPS Lapski, GADA Gygvegada, EDC Edinick, BNT Bandirma

ISC 01 10:03:07.9.0.1, 3865N-2702E, h10km, MD2.9, Error ellipse: s-maj=2.5km s-min=1.7km az=79.0 ISCJB 01 10:03:08.7.0.4, 3864N-002-2700E:003, h10km, Error ellipse: s-maj=3.9km s-min=3.5km az=171.3

ISK 01 10:03:08.0, 3865N-2703E, h10km, MD2.9 DDA 01 10:03:08.2, 3867N-2699E, h7km, 6km, Md2.9 ISC 01 10:03:09.1.0.5, 3863N-003.270E:004, h15km, 4km, n18, e058/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BLCB Balcova, BLCB Balcova, KDAG Bornova, KDAG Bornova, URLA Izmir, URLA Izmir, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, MANT MANT, KULA Kula-Manisa, EZN Ezine, BTOK Tokmak, BTOK Tokmak, BOZC Bozcaada, BOZC Bozcaada, BOZC Bodrum, BOST Dursunbey, LAPS Lapski, GADA Gygvegada, EDC Edinick, BNT Bandirma

IDC 01 10:37:53.7.2.0, 1495S-17366W, h0km, mb4.0/4/0, mb1.4/3.4, mb1mx3.9/14, mbtmp4.0/4, MS3.4/7, Ms1.3/4/7, Ms1.4/3.4, mb1mx3.2/19, Error ellipse: s-maj=14.1km s-min=25.5km az=152.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu

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Table with columns: MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KLR Korea Arr, KSRs Korea Arr, BILL Bilibino, BILL Bilibino, BILL Bilibino, BILL Bilibino, KURK Kurchatov, YKA Yellowknife Ar, YKA Yellowknife Ar, ARCES ARCES Array B, ARCES ARCES Array B, NVAR Mina Array Be, NVAR Mina Array Be, FINES FINESS Array B, FINES FINESS Array B, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, NOA NORARS Array B, NOA NORARS Array B, ASAR Alice Springs, ASAR Alice Springs, AKASG Main Array Be, AKASG Main Array Be, AKASG Main Array Be, TXAR Lajas Array, TXAR Lajas Array

Table with columns: NNC 01 08:38:49.5.0.5, 5412N-8665E, h0km, mb4.0, mpv3.6, 10C-4D, Error ellipse: s-maj=38.4km s-min=21.4km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURK Kurchatov, KURK Kurk, KURB Kurchatov Arra, KURB KurB, MK31 Makanchi Array, MK31 MK31, VOSK Vostochnaya, VOSK Vostochnaya, BVAO BVAO, BVAO BVAO, ZRNK ZRNK, ZRNK ZRNK

MAN 01 08:43:58, 1352N-12020E, h60km, mb4.1, ML2.9, MS2.6, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LUBP Lubang, LUBP Lubang, TGY Tagaytay City, TGY Tagaytay City, LBPH Los Banos, LBPH Los Banos, SJMP San Jose, SJMP San Jose, BOPAC Boracay, BOPAC Boracay, OTRP Odiongian, OTRP Odiongian, BALP Baler, BALP Baler, CUYO Cuyo Island, CUYO Cuyo Island

CSEM 01 10:03:07.9.0.1, 3865N-2702E, h10km, MD2.9, Error ellipse: s-maj=2.5km s-min=1.7km az=79.0 ISCJB 01 10:03:08.7.0.4, 3864N-002-2700E:003, h10km, Error ellipse: s-maj=3.9km s-min=3.5km az=171.3

ISK 01 10:03:08.0, 3865N-2703E, h10km, MD2.9 DDA 01 10:03:08.2, 3867N-2699E, h7km, 6km, Md2.9 ISC 01 10:03:09.1.0.5, 3863N-003.270E:004, h15km, 4km, n18, e058/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BLCB Balcova, BLCB Balcova, KDAG Bornova, KDAG Bornova, URLA Izmir, URLA Izmir, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, AKS Akhisar, MANT MANT, KULA Kula-Manisa, EZN Ezine, BTOK Tokmak, BTOK Tokmak, BOZC Bozcaada, BOZC Bozcaada, BOZC Bodrum, BOST Dursunbey, LAPS Lapski, GADA Gygvegada, EDC Edinick, BNT Bandirma

ISC 01 10:37:53.7.2.0, 1495S-17366W, h0km, mb4.0/4/0, mb1.4/3.4, mb1mx3.9/14, mbtmp4.0/4, MS3.4/7, Ms1.3/4/7, Ms1.4/3.4, mb1mx3.2/19, Error ellipse: s-maj=14.1km s-min=25.5km az=152.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu

1d 11h

Table of flight data for 1d 11h, listing destinations like Moscow, St. Petersburg, and various European cities with flight numbers, times, and status.

2007 JUN

Table of flight data for 2007 JUN, listing destinations like Moscow, St. Petersburg, and various European cities with flight numbers, times, and status.

Table of flight data for WTTA, listing destinations like Motala, Västerås, and various European cities with flight numbers, times, and status.

Table with columns: ASAR, Alice Springs, 81.97 206, P, P, 12 03 50.5 +0.7. Includes stations like Alice Springs, Papeete, Elat, etc.

Table with columns: MOS 01 11:53:22.7, 1.0, 5482N, 162.69E, h30km, mb4.5/1, Error ellipse: s-maj=59.9km s-min=36.3km az=66.9. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: KRSC 01 11:54:58.4, 1.2, 5478N, 162.82E, h27km, 27km, ML3.8. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: KRSC 01 11:56:38.7, 0.8, 5477N, 162.72E, h27km, 17km, ML3.8. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: ISJCJB 01 12:28:54.9, 1.5, 981S, 0.08, 1188E, 0.1, h8km, 16km, az=150.6. Includes stations like Waingapu, Baumata, etc.

Table with columns: ASAR Alice Springs, 19.88 136, P, P, 12 33 23.8 -0.3. Includes stations like Alice Springs, Matsuhiro Arr, etc.

Table with columns: MOS 01 12:33:47.0, 0.7, 5472N, 163.04E, h34km, mb4.3/1, Error ellipse: s-maj=29.9km s-min=14.4km az=66.2. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: KMNR Kamenistaya, 1.77 305, eP, Pn, 12 34 18.4 +0.5. Includes stations like Kamenistaya, Klyuchi, Sorokina, etc.

Table with columns: IDIC 01 12:45:09.4, 1.2, 1195N, 142.12E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.8/17, mbtmp3.8/6, MS3.0/1, ms1mx5.2/8, Error ellipse: s-maj=69.9km s-min=23.2km az=92.0. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: NEIC 01 12:45:21.5, 3.0, 1183N, 142.10E, h99km, 32km, mb4.1/1, Error ellipse: s-maj=46.4km s-min=16.9km az=98.0. Includes stations like Guam, Hachijo jima 2, etc.

Table with columns: CSEM 01 13:05:37.9, 0.1, 3936N, 40.90E, h5km, MD3.7, Error ellipse: s-maj=1.6km s-min=1.4km az=142.0. Includes stations like BINGOL, BINGOL, etc.

Table with columns: ISJCJB 01 13:05:39.5, 0.3, 3937N, 0.02, 40.93E, 0.03, h10km, n43, az=112/61, Turkey. Includes stations like BINGOL, BINGOL, etc.

Table with columns: ISJCJB 01 13:09:8.1, 3, 487S, 0.09, 127.9E, 0.1, h337km, 14km, mb3.3/2, Error ellipse: s-maj=19.7km s-min=10.7km az=147.6. Includes stations like Waingapu, Baumata, etc.

Table with columns: IDIC 01 13:21:14.3, 8.2, 1387N, 88.57W, h224km, 49km, mb2.9/2, mb1 3.3/3, mb1mx3.0/20, mbtmp3.0/3, Error ellipse: s-maj=88.0km s-min=53.4km az=1.0, El Salvador. Includes stations like Teig, Lajitas Array, etc.

Table with columns: ASAR Alice Springs, 138.76 250, PKP, PKPdf, 13 40 13.1 -1.3. Includes stations like WEL 01 13:23:09.2, 1.0, 3785S, 176.35E, h187km, 7km, ML3.7/5, Error ellipse: s-maj=7.6km s-min=7.0km az=90.0, North Island. Includes stations like WEL, URZ, URZ, etc.

Table with columns: KRSC 01 13:23:16.4, 0.6, 5476N, 162.82E, h25km, 25km, ML3.8, Near east coast of Kamchatka Peninsula. Includes stations like Mys Kozlova, Krutoberegovo, etc.

Table with columns: ISJCJB 01 13:23:20.4, 0.4, 3950N, 0.02, 20.65E, 0.04, h3km, 7km, Error ellipse: s-maj=5.1km s-min=3.9km az=21.2. Includes stations like JAN, JANINA, etc.

Table with columns: PGC 01 13:29:25.7, 0.0, 5999N, 140.78W, h1km, ML2.3/3, 106km Wnw of Yakutat, AK Southeastern Alaska. Includes stations like PNL, PNL, etc.

Table with columns: ISJCJB 01 14:13:09.8, 1.3, 487S, 0.09, 127.9E, 0.1, h337km, 14km, mb3.3/2, Error ellipse: s-maj=19.7km s-min=10.7km az=147.6. Includes stations like WEL, URZ, URZ, etc.

Table with columns: ISJCJB 01 14:13:11.2, 1.1, 506S, 127.81E, h300km, mb4.3/3, Error ellipse: s-maj=26.1km s-min=11.2km az=224.0. Includes stations like WEL, URZ, URZ, etc.

Table with columns: ISJCJB 01 14:13:11.9, 2.4, 499S, 0.08, 127.9E, 0.1, h328km, 12km, n13, az=119/19, mb3.3/2, ID, Banda Sea. Includes stations like BATI, BATI, etc.

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like ASAF, ZAK, CD2, SONM, etc.

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like MBDF, LMR, BAIF, BAIF, etc.

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR, SONM, MOS 01, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, AKASG Malin Array C, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like MJAR Matushiro, MJAR Matushiro Arr, MAJO Matushiro, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like CHG Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

NIED 01 15:28:00.2740N, 140.50E, h520km, Mw4.6 Best double couple: M=8.35000, 1015, NP1=3.200000, 877.00000, 1-31.00000, NP2=58.00000, 860.00000, 1-165.00000.

BUI 01 15:28:05.5, 27.04N, 140.46E, h470km, mb4.5, mb4.7 MOS 01 15:28:09.0, 0.9, 27.23N, 140.32E, h496km, mb4.1/24, Error ellipse: s-maj=11.6km s-min=7.4km az=110.3

IDC 01 15:28:10.7, 0.5, 27.23N, 140.14E, h495km, mb3.5/17, mb1.3/7.21, mb1.3/7.24, mb1.3/7.21, Error ellipse: s-maj=13.6km s-min=8.9km az=82.0

NEIC 01 15:28:10.9, 0.8, 27.25N, 140.21E, h499km, mb4.5/18, MW4.5(NIED), Error ellipse: s-maj=9.7km s-min=6.9km sz=106.0

ISCJB 01 15:28:10.2, 0.3, 27.22N, 140.28E, h507km, mb3.3, mb4.3/51, Error ellipse: s-maj=7.5km s-min=5.4km sz=175.5

JMA 01 15:28:11.8, 0.3, 27.42N, 140.49E, h504km, mb4.4, M4.6 ISC 01 15:28:11.3, 0.3, 27.26N, 140.26E, h502km, mb3.3, n146, 09/99/162, mb4.3/51, 10C-15D, Bonin Islands region

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

1d 16h

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like MALT Malaya, FFC Flin Flon, FFC Zin Flon, etc.

MOS 01 15:38:04.0±0.8, 5468N:16331E, h40km, mb4.5/1, Error ellipse: s-maj=21.6km s-min=14.9km az=69.9

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like MKZ Mys Kozlova, KBTR Krutoberegovo, etc.

KRSC 01 15:44:22.1±0.3, 5479N:16275E, h25km, 25km, ML3.9, Near east coast of Kamchatka Peninsula

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like MKZ Mys Kozlova, KBTR Krutoberegovo, etc.

DJA 01 15:54:07, 950S: 11291E, h23km, ML4, 1/5, IDC 01 15:54:00.2±0.3, 9725S: 11248E, h0km, mb3.4/3, mb1.38/5, mb1m3.8/18, mbtmp3.6/5, ML3.6/2, Error ellipse: s-maj=61.3km s-min=25.8km az=57.0, South of Jawa

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like KAPI Kappang, FITZ Fitzroy Grossi, etc.

ISCJB 01 16:01:54.0±0.5, 3976N:003:2072E, h0km, 6km, Error ellipse: s-maj=5.9km s-min=4.2km az=151.3

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like JAN Janina, IGT Igoumenitsa, etc.

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Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like EVR Erytria, LIT Litokhoron, etc.

SKO 01 16:05:03.8, 4072N:2163E, h3km, M1.6, ML1.9, ISCJB 01 16:05:05.7±0.6, 4089N:004:2164E, h2km, 12km, Error ellipse: s-maj=7.5km s-min=5.0km az=175.7

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like FNA Florina, BIA Bitola, etc.

SZGRF 01 16:09:05.0, 1840S: 17635W, h33km, Fiji Islands region, ISCJB 01 16:09:47.0±1.2, 1865S: 01x1781W, 01x1401km, 14km, mb3.8/19, Error ellipse: s-maj=22.5km s-min=12.4km az=147.5

NEIC 01 16:09:48.2±1.2, 1849S: 17809W, h402km, 12km, mb4.3/3, Error ellipse: s-maj=18.2km s-min=9.7km az=145.0

ISC 01 16:09:47.6±1.2, 1859S: 17800W, h402km, 20km, mb3.4/12, mb1.3/6/13, mb1mx3.6/16, mbtmp3.4/13, Error ellipse: s-maj=21.3km s-min=11.4km az=142.0

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like AFI Afiama, AFI Afiama, etc.

ARCES ARCES Array B 126.96 350 PKP

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like FINES FINESS Array B, NOA NORSAR Array B, etc.

BRG Bergsihhubel 146.33 346 PKP

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like MORC Moravsky Berou, FBE Freiberg, etc.

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Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like TREC Trest, MANZ Manzenberg, etc.

ISCJB 01 16:57:48.0±0.3, 4830N:002:658E, h10km, ML2.5(STR), ML2.5(LDG), After STR, CSEM 01 16:57:50.6±0.1, 4834N:667E, h12km, ML2.5/16, Error ellipse: s-maj=1.1km s-min=0.8km az=2.0

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like GIVF Givet, BZS Buzias, etc.

STR 01 16:57:50.1±0.2, 4837N:668E, h10km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like LJUJ Ljubiana, BOJS Bojanci, etc.

ISC 01 16:57:49.7±0.3, 4831N:001:663E, h2km, 3km, n67, Error ellipse: s-maj=2.6km s-min=2.5km az=160.9

NEIC 01 16:57:50.1, 4837N:668E, h10km, ML2.5(STR), ML2.5(LDG), After STR, CSEM 01 16:57:50.6±0.1, 4834N:667E, h12km, ML2.5/16, Error ellipse: s-maj=1.1km s-min=0.8km az=2.0

STR 01 16:57:50.1±0.2, 4837N:668E, h10km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like HAU Haudompre, ECH Echery, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like WLF Waiferdange, SPFK SPAK, CABF La Chapelle, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CBJH Chichi jima, JHJ Hachioji jima, WRA Warrungarra Arr, etc.

Mid-Atlantic Ridge
ISCJB 01 17:08:05.6, 0.6, 259S:0.1, 138W, 0.1, h10km, mb4.4/22, MS4.1/7, Error ellipse: s-maj=14.5km s-min=13.7km az=163.8

Main table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like TSUM Tsumeb, LIC Lamto, KIC Kosan Boka, etc.

ISC 01 17:13:18.0±0.1, 1.15N:97.11E, h0km, mb3.9/8, mb1 3.9/9, mb1mx3.7/21, mbtmp3.9/9, ML3.1/1, Error ellipse: s-maj=35.7km s-min=18.3km az=59.0

DJA 01 17:13:19.108N:96.76E, h33km, ML4.3/2
NEIC 01 17:13:22.0±0.7, 1.15N:97.08E, h30km, Error ellipse: s-maj=19.6km s-min=9.9km az=62.0

ISCJB 01 17:13:25.0±0.1, 1.9N:01.973E:0.2, h63km:33km, mb3.9/8, Error ellipse: s-maj=36.1km s-min=16.4km az=150.2

ISC 01 17:13:25.5±0.4, 3.9N:131.0E:0.2, h50km, 35km, n11, -0.82/12, mb3.9/8, Northern Sumatra

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like PSI Prapat, WRA Warrungarra Arr, WRAB Tennant Creek, etc.

ISC 01 17:39:13.9±5.1, 0.1608S:178.41E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/14, mbtmp3.7/3, Error ellipse: s-maj=92.1km s-min=149.3km az=75.0, Fiji Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, etc.

KRSC 01 18:08:39.7±0.8, 54.75N:162.79E, h26km, 26km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MKZ Mys Kozlova, KBTR Krutoberegovo, TUMR Tumrok, etc.

ISCJB 01 18:31:23.3±0.7, 3832N:004.3961E:0.05, h5km, Error ellipse: s-maj=6.3km s-min=4.5km az=34.6

CSEM 01 18:31:23.2±0.1, 3838N:3955E, h2km, MD2.9, Error ellipse: s-maj=1.7km s-min=1.3km az=4.0

DDA 01 18:31:23.5, 3859N:3961E, h24km:2km, Md2.9
ISK 01 18:31:23.2, 3838N:3957E, h5km, MD2.9
ISC 01 18:31:23.4±0.9, 3833N:004.3965E:0.05, h3km:10km, n9, -0.87/14, Turkey

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SVRC Svirice-ELAZID, SVRC Elazig, AVH Avacha, etc.

ISC 01 18:54:38.9±7.0, 820N:93.98E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/21, mbtmp3.6/4, MS3.0/1, ms1mx2.6/20, Error ellipse: s-maj=350.6km s-min=22.9km az=60.0

ISCJB 01 18:54:44.4±3.0, 83N:07.942E:1.0, h50km, mb3.9/7, Error ellipse: s-maj=171.4km s-min=13.6km az=145.3

ISC 01 18:54:46.4±3.3, 83N:07.94E:1.0, h50km, n11, -0.63/35/10, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like PSI Prapat, JIRN Jirani, PKI Pulchoki, etc.

ISC 01 18:59:31.0±1.4, 342S:14924E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.1/24, Error ellipse: s-maj=150.8km s-min=47.0km az=113.0, Bismarck Sea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

BJI 01 19:03:23.4, 1.10S:127.70E, h10km, mb5.0, mb4.6
ISC 01 19:03:24.2±0.8, 1.11S:127.33E, h0km, mb4.1/8, mb1 4.2/10, mb1mx4.1/17, mbtmp4.0/10, ML3.8/2, Error ellipse: s-maj=51.9km s-min=14.6km az=72.0

NEIC 01 19:03:25.4±0.4, 1.07S:127.69E, h10km, mb4.3/6, Error ellipse: s-maj=15.0km s-min=6.5km az=72.0

ISCJB 01 19:03:26.9±0.4, 1.17S:006:127E:0.1, h33km, mb4.3/18, Error ellipse: s-maj=16.2km s-min=6.8km az=159.7

DJA 01 19:03:27.104S:127.59E, h16km, ML4.1/5
ISC 01 19:03:26.9±9.5, 1.2S:01x127E:0.1, h19km, 63km, h27km:1.1km, pp-P, n33, -0.83/33, mb4.3/18, Halmahera

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KAPI Kaping, KAKA Kakadu, KAKA Kakadu, etc.

1d 19h

Table with columns: STA, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUN Gumba, KKN Kakani, DMN Daman, etc.

BJI 01 19:06:56.8, 150N, 129.10E, h23km, mb4.9, mb4.8, Ms4.6, Ms4.4

MOS 01 19:07:05.3, 1.4, 243N, 128.63E, h33km, mb5.0/16, Error ellipse: s-maj=16.6km s-min=7.3km az=106.4

DJA 01 19:07:06.248N, 128.96E, h33km, mb5.0/5

ISCBJ 01 19:07:06.5, 0.8, 236N, 128.84E, h33km, mb4.8/65, MS4.1/8, Error ellipse: s-maj=8.6km s-min=4.7km az=166.1

IDC 01 19:07:07.8, 2.2, 234N, 128.43E, h38km, mb4.4/17, mb1.4/4/18, mb1mx4.4/20, mbmp4.4/18, ML4.7/1, Error ellipse: s-maj=24.6km s-min=10.4km az=84.0

NEIC 01 19:07:08.5, 1.8, 233N, 128.53E, h44km, mb4.8/21, Error ellipse: s-maj=13.3km s-min=6.7km az=71.0

ISC 01 19:07:09.1, 0.7, 234N, 128.83E, h33km, mb5.0/5, h32km, 2.2km, pp-P, n134, s110/136, mb4.8/64, MS4.1/8, 11C-5D, Halmahera

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like MATI, GSPH, BUKP, etc.

2007 JUN

Table with columns: STA, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KSRs, MAJO, MAJO, etc.

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Table with columns: STA, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like HYB Hyderabad, ZAK Zakamensk, etc.

BJI 01 19:04:12.270N, 128.70E, h150km, mb4.8, mb4.6

ISCBJ 01 19:04:48.9, 3.1, 272N, 128.70E, h241km, mb4.8, mb4.2/21, Error ellipse: s-maj=20.3km s-min=11.6km az=159.8

IDC 01 19:04:48.8, 2.0, 270N, 128.57E, h224km, mb3.8/9, mb1.3/9/10, mb1mx3.7/17, mbmp3.8/10, Error ellipse: s-maj=37.2km s-min=10.1km az=79.0

NEIC 01 19:05:12.3, 3.8, 270N, 128.70E, h250km, mb4.1km, mb4.1/9, Error ellipse: s-maj=23.5km s-min=9.7km az=75.0

ISC 01 19:04:33.3, 270N, 128.70E, h227km, mb3.6km, n32, o080/31, mb4.2/21, Halmahera

Continuation of station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like BATI, FITZ, WRAB, etc.

Table of astronomical observations for 1d 19h, listing station names (e.g., SONGMO, SONM), coordinates, and various parameters like SNR and error margins.

Table of astronomical observations for 2007 JUN, listing station names (e.g., YKA, YKA), coordinates, and various parameters like SNR and error margins.

Table of astronomical observations for 18, listing station names (e.g., ASAR, ASAR), coordinates, and various parameters like SNR and error margins.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EYMN Ely, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KKN Kakani, KJT Baijituau, KOLN Koltanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LIC Lamto, CPCT 18er Cove, TIC Toumudi, etc.

ICD 01 20:01:52.0,0.6,969S:11889E,h0km,mb4/4.10, mb1.4/4.14, mb1mx4.2/2.1, mbtmp4.4/1.4, ML/4.4, MS3.6/4, Ms1.3/6.4, ms1mx3.3/2.0, Error ellipse: s-maj=20.7km s-min=1.2km az=75.0

ICD 01 20:01:53.9,970S:11880E,h30km,mb5.0,mb4.9,MS4.4,MS2.4, Error ellipse: s-maj=14.3km s-min=6.5km az=52.0

ICD 01 20:01:55.6,0.9,976S:11880E,0.05,h44km,8km, mb4.8/30,MS3.8/3, Error ellipse: s-maj=10.7km s-min=5.6km az=140.7

NEIC 01 20:01:56.0,0.4,969S:11878E,h30km,mb4.7/12, Error ellipse: s-maj=14.3km s-min=6.5km az=52.0

ICD 01 20:02:02.942S:11900E,h44km,ML5.0/4, Error ellipse: s-maj=14.3km s-min=6.5km az=52.0

ICD 01 20:01:57.4,0.6,974S:11881E,0.05,h40km,9km, mb2.7/3.5,ms1mx3.5, Error ellipse: s-maj=10.7km s-min=5.6km az=140.7

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WSI Waingapu, KHKI Kahang-Kahang, KAPI Kappang, etc.

ICD 01 20:03:09.0,1.3,906S:11872E,h0km,mb4.2/6,mb1.4.3/7, mb1mx4.0/1.8, mbtmp4.2/7, ML3.8/1, MS3.7/1, Ms1.3/7.1, ms1mx3.0/2.0, Error ellipse: s-maj=72.0km s-min=22.1km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BATI Baumata, WARR Warramunga Arr, WSAR Alice Springs, etc.

ICD 01 20:06:45.3,0.5,2715S:004.6317W,0.06,h551km,6km, mb3/30, Error ellipse: s-maj=9.0km s-min=5.8km az=161.5

NEIC 01 20:06:46.5,0.5,2715S:6333W,h565km,6km,mb4.5/1.4, Error ellipse: s-maj=11.1km s-min=8.2km az=91.0

ICD 01 20:06:46.7,0.8,2706S:6334W,h561km,9km,mb3.7/1.6, mb1.3.8/2.3,mb1mx3.8/2.7,mbtmp3.7/2.3, Error ellipse: s-maj=12.6km s-min=9.5km az=88.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GUC 01 20:06:49.6,1.8,2723S:6367W,h535km,mb4.5, NEIC/BJI 01 20:06:51.4,2720S:6330W,h584km,mb4.6, ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CPUP Villa Florida, CFAA Coronel Fontan, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LCO Las Campanas, LCO Cerro Paranal, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CNPH Cerro Paranal, TLL Tololo Astrono, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CEN1 Los Morros, ANCH Antofagasta, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TACH Talagante, SFDO San Fernando, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like USHA Ushuaia, SDV Santo Domingo, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SDV Santo Domingo, VNA1 Neumayer-Stat, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

ICD 01 20:06:46.0,0.5,2712S:004.6323W,0.06,h544km,4km, n25.1,0.661/21.9,mb4.3/29,59C-69D,Santiago del Estero

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like USHA Ushuaia, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SDV Santo Domingo, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

1d 21h

Table with 6 columns: ID, Station Name, Frequency, Modulation, Direction, and Position. Rows include stations like 12A McGill, SPUT South Promonto, N19A Grayback Hills, etc.

2007 JUN

Table with 6 columns: ID, Station Name, Frequency, Modulation, Direction, and Position. Rows include stations like N02C Big Bar, C13A Hot Springs, YBH Yreka Blue Hor, etc.

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Table with 6 columns: ID, Station Name, Frequency, Modulation, Direction, and Position. Rows include stations like 113A Mohawk Valley, 113A Enx, ENX Ensenada, etc.

ASAR Alice Springs 50.63 252 P 21 44 50.3 -0.1

NIED 01 21:39:00, 2480N, 123.10E, h32km, Mw4.5 Best double couple: M7.3300, 1015 NP1.9, 297.00000, 386.00000, 1.12.00000, NP2.9, 206.00000, 878.00000, 1.176.00000.

JMA 01 21:39:30.2, 0.1, 2482N, 123.15E, h29km, Mw4.6, ISCJB 01 21:39:32.0, 0.6, 2470N, 123.18E, h30km, Mw4.6, mb4=2.0, MS4.1/14, Error ellipse: s-maj=7.2km

MOS 01 21:39:33.1, 1, 2449N, 123.45E, h35km, mb4.5, mb4.3, Ms4.4, Ms4.2

NEIC 01 21:39:34.7, 0.3, 2481N, 123.09E, h35km, mb4.3/5, Error ellipse: s-maj=7.4km s-min=7.1km az=74.0

IDC 01 21:39:37.8, 4.0, 2488N, 123.25E, h65km, mb3.6/11, Mb1.3, 7/14, mb1mx3.7/22, mbtmp3.6/14, ML3.1/2, MS3.8/13, Ms1.3, 8/13, ms1mx3.6/22, Error ellipse: s-maj=34.7km s-min=14.0km az=65.0

ISC 01 21:39:32.3, 0.7, 2471N, 123.21E, 0.03, h19km, Mw5km, n6.0, 15/20, 6/4, mb4.2/20, MS4.1/14, 2C, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YOJ, YOJ, IRIF, IRIF, HATERUMA JIMA, KURO-SHIMA, ISHIGAKI JIMA, TARAMA, TAIPEI, GUSUKUBE, KUME JIMA 2, AGUNI JIMA, KUNIGAMI, SHESHAN, NANJING, KOREA ARRAY, QIONGZHONG, XI'AN, BAIJIATIAU, BAIJIATIAU, HACHIOJI JIMA 2, CHICHI JIMA, MATSUSHIRO ARR, CHANGCHUN, WARRAMUNGA ARR, ALICE SPRINGS, SONGIO ARR, MAKANCHI ARR, ZALVO BEAM, CERRO CLACH, PELDEHUE, JAHUEL, PIRQUE, LAS MELOSAS, TALAGANTE, SAN FERNANDO.

WB2 Warramunga Arr 45.69 165 eP P 21 47 53.1 +0.9

BVAR Borovoye Array 48.45 320 P P 21 48 12.5 -1.0

ASAR Alice Springs 49.20 167 P P 21 48 21.4 +2.0

CTA Charters Tower 49.86 151 LR LR 22 06 43.4

FORT Forrest 55.37 175 eP P 21 49 06.6 +1.4

KLBR Kellerberrin 56.27 186 eP P 21 49 11.7 +0.4

STKA Stephens Creek 58.95 162 eP P 21 49 31.0 +0.5

FINES FINES Array 71.92 330 P P 21 50 53.0 -1.1

AKASG Malin Array B 73.70 319 P P 21 51 03.7 -1.2

NOA NORRSAR Array B 78.62 333 LR LR 22 29 47.8

YKA Yellowknife Arr 81.76 23 LR LR 21 51 48.3 -1.3

GERES GERESS Array B 83.60 321 P P 21 51 59.1 -0.4

IDC 01 21:54:51.3, 1.0, 965S, 118.59E, h0km, mb3.5/5, mb1.3, 7/9, mb1mx3.6/18, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=37.1km s-min=17.3km az=64.0

ISCJB 01 21:54:52.9, 0.8, 975S, 118.61E, h33km, mb3.7/4, Error ellipse: s-maj=17.6km s-min=8.1km az=170.0

NEIC 01 21:54:52.4, 0.7, 975S, 118.53E, h10km, Error ellipse: s-maj=24.4km s-min=9.6km az=71.0

ISC 01 21:54:55.8, 0.8, 973S, 118.61E, h35km, n11, mb3.7/4, 1D, Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WSI, KAPI, BATI, FITZ, MBWA, WRA, ASAR, SONMG, MKAR, ZALV, VNDV.

BUI 01 22:01:22.1, 1.10S, 127.60E, h10km, mb5.1, mb4.7, Ms4.7, Ms2.9

ISCJB 01 22:01:22.8, 6.4, 1.12S, 127.60E, h12km, 4.1km, mb4.7/31, Error ellipse: s-maj=16.5km s-min=9.4km az=147.1

IDC 01 22:01:23.3, 0.7, 107S, 127.57E, h0km, mb4.3/10, mb1.4, 4/12, mb1mx4.3/17, mbtmp4.3/12, ML4.6/1, MS2.8/1, Ms1.2, 8/1, ms1mx2.5/20, Error ellipse: s-maj=28.1km s-min=14.5km az=70.0

NEIC 01 22:01:24.1, 0.4, 105S, 127.58E, h10km, mb4.7/10, Error ellipse: s-maj=13.8km s-min=6.7km az=70.0

MOS 01 22:01:26.2, 1.1, 091S, 127.51E, h33km, mb4.9/6, Error ellipse: s-maj=35.1km s-min=17.6km az=113.6

DJA 01 22:01:27.1, 0.7, 107S, 127.60E, h10km, ML4.6/6

ISC 01 22:01:26.7, 4.5, 114S, 127.64E, h26km, 34km, h28km, 2.8km, pP, n5.0, 15/08, 5/0, mb4.7/31, 4C-2D, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAPI, KAKA, WRAB, WRA, COEN, MBWA, ASAR, QIZ, PSI, FORT, STKA, STKA, STKA, WHN, NJ2, KSR, MJAR, XAN, XAN, XAN.

LZH Lanzhou 43.16 331 eP P 22 09 27.3 +2.0

ASAJ Asahikawa 47.00 15 P P 22 09 55.9 +0.3

GTA Gaotai 47.74 331 eP P 22 10 02.5 +1.0

JIRI Jiri 49.04 309 eP P 22 10 12.2 +0.5

GUN Gumba 49.40 309 eP P 22 10 15.1 +0.6

PKI Pulchoki 49.81 308 eP P 22 10 16.9 +0.8

KKN Kakan 49.81 309 eP P 22 10 17.9 +0.3

DMN Daman 49.86 308 eP P 22 10 18.4 +0.4

KOLD Koldanda 51.12 308 ePn P 22 10 28.1 +0.6

DANN Dangasing 51.26 308 eP P 22 10 29.1 +0.5

ULN Ulanbaatar 52.00 343 eP P 22 10 34.3 +0.6

SOMM Songino Array 52.18 342 P P 22 10 35.0 -1.0

ZAK Zakamensk 55.40 341 eP P 22 10 48.8 -1.0

MKAR Makanchi Array 62.07 326 P P 22 11 45.1 0.0

YAK Yakutsk 63.02 11 eP P 22 11 51.9 +0.8

ZAAO Zalesovo Array 65.32 334 eP P 22 12 04.9 -1.4

ZALV Zalesovo Beam 65.32 334 P P 22 12 05.5 -0.8

ZAL Zalesovo 65.32 334 P P 22 12 05.5 -0.8

KURK Kurchatov 66.33 328 eP P 22 12 12.7 -0.2

NVS Novosibirsk 66.61 334 eP P 22 12 11.3 -3.3

BRVK Borovoye 71.96 328 eP P 22 12 46.3 -1.5

TIKI Tiksi 72.67 0 eP P 22 12 49.9 -1.8

VANDA Vanda 78.51 173 P P 22 12 58.0 -0.9

SVE Sverdlovsk 78.57 329 eP P 22 12 25.3 -0.5

ARU ARU 79.52 328 eP P 22 12 29.8 -1.2

ARCS ARCS Array B 95.30 340 P P 22 14 45.7 -2.3

GUC 01 22:15:16.6, 0.8, 331S, 7023W, h5km, 4km, MD3.6, ML2.1, 5C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FARELONES, CERRO CLACH, PELDEHUE, JAHUEL, PIRQUE, LAS MELOSAS, TALAGANTE, SAN FERNANDO, VALSAMATA, VALSAMATA, ANNINATA, LEVKAS, RIOSOLS OF PATR, SELA, EVR, IGT, IGT, ITM, PVL, JANINA, KERKIRA, VLX, AGIOS GEORGIOS, SARANDE, MEV, THL, THL, LTK, LTK, LTK, DID, DID, VLI, VLI, XOR, XOR, PAIG, PAIG, PAIG, TIR.

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Table with columns: ID, Name, Az, El, Res, Phase, ID, Time, Res. Includes stations like Polygyros, Sokhos, Ouranopolis, etc.

ms1mx3.6/24, Error ellipse: s-maj=19.2km s-min=16.9km az=92.0

ISC 01 23:28:06.4:1.8, 3344S.005:1793W.02, h25km, 15km, n105, e1941/91, mb4.4/14, MS4.0/5, South of Kermadec

Table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Includes stations like Raoul Island, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Includes stations like Dimbrok, Malin Aray Bay, etc.

1DC 01 23:24:25.9:0.7, 1589S:17320W, h0km, mb4, 1/9, mb1 4.3/10, mb1mx4.2/19, mbtmp4.1/10, ML2.1/1, MS3.7/3, Ms1 3.7/3, ms1mx3.2/27, Error ellipse: s-maj=34.4km s-min=17.0km az=129.0

ISCJB 01 23:24:28.9:0.5, 158S:01:1733W:0.1, h33km, mb4.2/13, MS4.1/2, Error ellipse: s-maj=24.1km s-min=9.0km az=40.8

NEIC 01 23:24:28.1:0.4, 1592S:17317W, h10km, mb4, 4/6, Error ellipse: s-maj=27.2km s-min=12.3km az=128.0 SZGRF 01 23:24:31.5, 1627S:17229W, h33km, Samoa Islands region

ISC 01 23:43:30.9:0.5, 158S:01:1732W:0.1, h35km, n76, e1502/20, mb4.2/13, MS4.1/2, 4C-9D, Tonga Islands

Large table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Lists many stations including AFi Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

NEIC 01 23:44:16.2:0.3, 3163S:6959W, h114km, MD3.6(GUC), After GUC

GUC 01 23:44:16.2:0.3, 3163S:6959W, h114km, 14km, MD3.6, ML3.1, 4C-3D, San Juan Province

JMA 01 22:42:17.8:0.3, 2479N:123.15E, h28km, M3.4 ISCJB 01 22:42:18.9:0.2, 2469N:008.12317E:0.05, h33km, 7km, mb3.5/5, MS3.2/3, Error ellipse: s-maj=13.7km s-min=6.7km az=17.4

NEIC 01 22:42:21.9:0.8, 2462N:123.02E, h35km, MG3.4(JMA), Error ellipse: s-maj=18.3km s-min=15.6km az=65.0

TAP 01 22:42:25.9, 2476N:122.56E, h17km, 2km, ML3.3 IDC 01 22:42:28.4:4.1, 2488N:123.53E, h108km, 41km, mb3.2/5, mb1 3.4/7, mb1mx3.3/20, mbtmp3.2/7, MS3.6/6, Ms1 3.3/6, ms1mx3.2/10, Error ellipse: s-maj=41.5km s-min=17.4km az=69.0

ISC 01 22:42:19.0, 1.0, 2474N:007.12323E:0.05, h18km, 7km, n18, e1502/20, mb3.5/5, MS3.2/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Lists stations like YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

NEIC 01 23:23:52.8, 3460S:7217W, h38km, MD3.9(GUC), After GUC

GUC 01 23:23:52.8:0.7, 3460S:7217W, h38km, 3km, MD3.9, ML2.9, SD, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Lists stations like LNV Longovio, SFDO San Fernando, etc.

ISK 01 23:25:17.6, 3844N:3908E, h5km, MD3.6 ISCJB 01 23:25:18.7:0.6, 3844N:003:39.10E:0.03, h4km, 5km, Error ellipse: s-maj=5.2km s-min=4.3km az=153.2

DDA 01 23:25:18.9, 3835N:3915E, h7km, 5km, MD3.5 CSEM 01 23:25:18.1:0.1, 3844N:3909E, h5km, MD3.6, Error ellipse: s-maj=1.7km s-min=1.5km az=173.0

ISC 01 23:25:19.0:0.6, 3843N:003:3909E:0.03, h0km, 5km, n29, e092/39, Turkey

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

ISCJB 01 23:38:03.3:0.7, 3354S:004:1788W:0.1, h33km, mb4.4/14, MS4.0/5, Error ellipse: s-maj=16.6km s-min=4.3km az=15.5

NEIC 01 23:38:07.6:0.6, 3336S:17929W, h35km, mb4.6/7, Error ellipse: s-maj=17.7km s-min=7.6km az=106.0

IDC 01 23:38:13.3:2.6, 3311S:17930W, h4km, 23km, mb4, 1/8, mb1 4.3/9, mb1mx4.1/15, mbtmp4.2/9, MS3.9/6, Ms1 3.9/6

Large table with columns: Code, Station Name, Az, El, Res, Phase ID, Time, Res. Lists stations like RKT Rikitea, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tololo Astrono, Cerro Calan, Pique, Talagante.

IDC 01 23:50:08.5-7.7, 3081S-17900W, h0km, mb4.0/2, mb1.4/2.2, mb1mx3.8/1.2, mbtmp4.0/2, Error ellipse: s-maj=272.3km s-min=57.8km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Warramunga Arr, Fines Array B, Fines.

NEIC 01 23:50:44.0-0.6, 290S-12735E, h35km, mb4.3/4, Error ellipse: s-maj=16.6km s-min=8.1km az=67.0, BUJ 01 23:50:44.0, 290S-12730E, h35km, mb5.1, mb4.7

ISCJB 01 23:50:46.7-3.0, 30S-01x12747E-009, h80km, mb3.2km, mb4.1/1.1, Error ellipse: s-maj=20.9km s-min=10.3km az=36.9

IDC 01 23:50:49.1-3.1, 296S-12720E, h4km, mb3.3km, mb3.7/7, mb1.3/9.1, mb1mx3.8/1.9, mbtmp3.8/1.1, MS3.6/1, Ms1.3/5.1, ms1mx2.9/2.7, Error ellipse: s-maj=39.0km s-min=10.5km az=77.0

ISC 01 23:50:47.4-1.8, 291S-008x12753E-009, h65km, 1.8km, n19, r101/21, mb4.1/1.1, Ceram Sea

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including KAPI, BATI, KAKA, FITZ, WRAB, WRA, WBA, ASAR, ASAR, FORT, STKA, STKA, CHTO, KSRs, MJAR, LZH, LZH, GTA, GTA, GTA, SONM, MKAR, ZALV, ZALV.

CSEM 01 23:59:55.2, 3614N-316E, h0km, ML3.5, After ALG CRAAG 01 23:59:55.2, 3614N-316E, ML3.5, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Djebel Mahouad, Djebel Djouab, Aket, Boumerdes, Alger-Boutarea, Beni Rached, Ech Chief, Ain N'Sour, Tiarat, Setif, Kef el Ahmar, Djebel Kef Gue, Djebel Guires, Djebel Bou Aff, Djebel Berber, Bouhanifia, Djebel Manchou.

ISCJB 02 00:20:02.0-2.0, 1672N-003x9556W-002, h72km, 3km, mb4.3/2.9, Error ellipse: s-maj=5.8km s-min=3.9km az=6.9

MEX 02 00:20:03.0-4.0, 1670N-9560W, h85km, 9km, MD4.5 BUJ 02 00:20:03.5, 1670N-9560W, h83km, mb4.9, Ms4.7, Msz4.3

NEIC 02 00:20:03.5, 1674N-9562W, h84km, mb4.5/2.5, MD4.6(MEX), After MEX.

IDC 02 00:20:04.3-0.7, 1693N-9531W, h72km, 5km, mb4.0/9, mb1.4/3.1, mb1mx4.0/2.3, mbtmp4.1/1.1, MS3.4/1.0, Ms1.3/4.1, ms1mx3.1/3.9, Error ellipse: s-maj=19.6km s-min=11.3km az=50.0

CASC 02 00:20:04.0-1.0, 1340N-9622W, h7km, 999km, mb4.5(NEIC)

ISC 02 00:20:03.2-0.4, 1673N-003x9555W-002, h62km, 3km, h78km, 2.5km, pp-P, n263, r086/269, mb4.2/9, 56C-48D, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matias Romero, Huatulco, Vista Hermosa, Zuzandepetl, Tehuacan, Huajuapam, Laguna Verde, Laguna Verde, Comitán, Comitán, Popocatepetl, Popocatepetl, Popocatepetl, Popocatepetl.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including Yautepac, Mezcala, Platanillo, Platanillo, Universidad Na El Cayaco, Sabancuy, Demacu, Zihuatajejo, Morelia, Morelia, Morelia, Rbedal, El Retiro, San Blas, San Jose, Boqueron, El Faro, San Vicente, Aquila, Tepich, Tepich, Junction City, Lajitas Array, Nacogdoches, La Paz, Isla Barro Col, Guadalupe Moun, Cornudas Mount, Mount Ida, University of OXF, Amarillo, Douglas, Pickwick Lake, White Tail Can, Bisbee, Godfrey, Barren Site, Los Pinos Moun, Ashpeak Ranch, Swannee, Green Valley, Lador, Waverly, Homack Ranch, Albuquerque, T-Link Ranch, Oracle, Three Points, Nutrioso, San Carlos Jug, Canyon Day Jun, Eloy, St. Johns, Tuckaleechee C, Nutrioso, Sonoran Illin, Roosevelt, Peralta Trail, Sonoran Desert, Snowflake, Circle Bar Ran, Cedar Bluff, Tazewell, Lo Mia Camp, Great Sand Dun, Mohawk Valley, Humboldt, Flagstaff, Wickenburg, Yuma, Mesa Verde, Mesa Verde, Wupatki, Wupatki, Yava, Williams, Tuba City, Glamis, Glamis, El Rosal, Seligman, Yucca, Paradox Valley, Sam W. Stewart, Boquillas Ranc, Snowmass.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including Big Chuck Mtn, Idaho Springs, North Rim, Iron Mountain, Mount Peak, Mt Trumbull, Red Dirt Ranch, Grand Canyon W, Belle Mtn, State Center, Pinyon Flat Ob, Pinyon Flat Ob, Granite Mounta, Santo Domingo, Nelson, Valley of Fire, Ash Meadows, Turgoose Mtn, Turgoose Mtn, Marysvale, Sheep Range, Holt Ranch, Jewell Farm, Mont Chateau, Corn Creek, Rawlins, Ash Meadows, EROS, Sioux Fall, Topopah Spring, Topopah Spring, Daniels Convey, Manual Prop, Wheeler Ranch, Bates Ranch, Troy Canyon, Topopah Range, San Juan, Warm Springs, Stansbury Isla, Duckwater, Goldfield, Hardware Ranch, Topopah, Boulder Array, Clear Creek Ra, Mitchell Peak, Currie, Tugsten Hill, Hansel Valley, Sheep Mountain, Athaulpa, Mina, Kater Creek, Minn Army Bay, Rabbs, Redd Top Meadow, Snow King Moun, Teton Pass, Hernandez Rese, Conover, Fish Creek Ran, Merced, San Francisco, Flagg Ranch, Walkers Reser, Columbia Cole, Columbia Cole, Red Lodge, Cat Creek Ranc, Puerto La Cruz, Pah Ranch, Cove Ranch, Juniper Basin, Hailey, Hailey, Parker Ranch, Ely, Wildhorse Cree, Yuba Gap, Truc, Agassiz Refuge, Bozeman (W), Challis, Dillon, Quincy, Fields.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, I, J. Contains station data for Rome, Placerville, Diamond D Ranch, Butte, Cobalt, Adel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, I, J. Contains station data for Babate, Ascension, BBTS, DBIC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, I, J. Contains station data for Lokris, Lokris, Lokris, etc.

ellipse: s-maj=18.4km s-min=15.1km az=72.0
CSEM 02:01:02:37.6:0.1, 3873N;2264E, h10km, ML4.0, Error ellipse: s-maj=1.2km s-min=0.9km az=62.0

THE 02:01:02:37.6, 3871N;2268E, h3km, ML4.0
ATH 02:01:02:37.0, 3870N;2262E, h21km, ML3.8/18, ML3.9
NEIC 02:01:02:39.0, 3867N;2274E, h10km, ML3.5(ATH), After ATH.

MOS 02:01:02:40.6:0.8, 3877N;2277E, h33km, mb3.7/5, Error ellipse: s-maj=8.4km s-min=3.9km az=91.7
ISC 02:01:02:37.4:0.3, 3868N;001;2267E;002, h1km;3km, n175, r127/202, mb3.6/8, 18B-8D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Sgolgore (BA), Szirachiza, Divs, etc.

IDC 02 01:07:27.0 ± 1.7, 062S:12714E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/1.5, mbtmp3.3/3, Error ellipse: s-maj=154.1km s-min=26.5km az=73.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Kuril'sk, Inuvik, Fines, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for TXAR, Mmai, IDC 02 01:45:52.5 ± 3.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for KRSC 02 02:29:31.1 ± 1.3, 4924N:15609E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for ALID, ALID, Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for KBRB, NASN, IMON, etc.

NNC 02 02:46:51.6 ± 5.4, 3958N:7011E, h0km, mb4.3, mpv4.4, Error ellipse: s-maj=42.9km s-min=20.5km az=3.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Karatay Array, Erkin-Say, Uch, etc.

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Table listing stations (AKTO, AKTYUBINSK, AKTO, etc.) and their associated codes, frequencies, and other technical details.

Main table listing stations (GERES, GRESS Array B, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

Table listing stations (VAM, VAMOS, VLACHOKERASIA, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

ISCJB 02:03:10:3.6e.0.1051N:003:6283W:002,h8km,5km, Error ellipse: s-maj=4.7km s-min=3.6km az=165.0

Table listing stations (GUVN, GUANO, GUVN, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

IDC 02:03:38:23.4e.1.9.214N:12810E,h0km,mb3.4/4,mb1 3.6/4, mb1=148.7km,mb2=23.5km,az=66.0,Halmahera

Table listing stations (WRA, WARRAMUNGA ARR, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

ISCJB 02:03:52:0e.0.0.6.2807N:008:1399E:0.1,h427km,6km, mb3.6/18, Error ellipse: s-maj=19.4km s-min=11.2km az=161.3

IDC 02:03:52:0e.4.0.7.2808N:13982E,h414km,8km,mb3.2/14, mb1 3.3/17,mb1mx3.3/22,mbtpp3.2/17, Error ellipse: s-maj=22.9km s-min=10.9km az=72.0

NEIC 02:03:52:09.1e.1.2.2810N:13875E,h447km,12km,mb3.8/4, Error ellipse: s-maj=16.1km s-min=10.9km az=88.0

ISC 02:02:07:0.0.6.2812N:008:1400E:0.1,h422km,7km,n25, az=88.2,mb3.6/18,Bonin Islands region

Table listing stations (CBJ, CHICHI JIMA, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

ISCJB 02:03:52:51.7e.1.1.3585N:005:2255E:008,h14km,6km, Error ellipse: s-maj=12.9km s-min=4.4km az=141.4

NEIC 02:03:52:53.8,3579N:2253E,h39km,MD3.5(ATH),After ATH

CSEM 02:03:52:53.9e.0.2.3580N:2251E,h20km,MD3.5, Error ellipse: s-maj=5.5km s-min=1.8km az=50.0

ATH 02:03:52:53.8,3579N:2253E,h39km,MD3.5/5

ISC 02:03:52:54.2,3581N:2253E,h14km,ML3.0

THE 02:03:52:50.1.1.3585N:005:2254E:008,h6km,6km,n20, az=72/28,Central Mediterranean Sea

Table listing stations (KYTH, KITHIRA, etc.) with columns for Code, Station Name, Frequency (Delta A, AZ), Phase ID, Time, and Res.

IDC 02 03:58:50.1±1.8, 369N-12511E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/1.7, mbtpp3.8/4, Error ellipse: s-maj=119.8km s-min=23.6km az=68.0, Talaud Islands

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

NIED 02 04:38:00, 3280N-13840E, h360km, Mw4.9 Best double couple: Ma2 73000-1016 NP1φ=1.00000°, 886.00000°, λ=39.00000°, NP2φ=94.00000°, δ51.00000°, λ=175.00000°

DJA 02 04:38:17, 3285N-14023E, h10km, mb5.3/11

SZGRF 02 04:38:26.6, 3261N-13860E, h33km, mb4.6, Southeast of Honshu, Japan

JMA 02 04:38:57.3±0.4, 3280N-13844E, h345km±4km, M4.2 Broadband fault plane solution: P waves. NP1: φ=86.00000°, δ51.00000°, λ179.00000°

MOS 02 04:38:57.7±0.8, 3273N-13806E, h317km, mb4.6/7.9 Error ellipse: s-maj=8.1km s-min=6.4km az=82.0

BJJ 02 04:38:58.9, 3291N-13808E, h329km, mb4.7, mb4.9

IDC 02 04:38:59.6±0.4, 3274N-13813E, h325km±4km, mb4.0/2.9, mb1 4.0/3.4, mb1mx4.0/3.9, mbtpp4.0/3.4, Error ellipse: s-maj=9.3km s-min=6.4km az=82.0

ISCJB 02 04:38:59.7±0.2, 3282N-003.3, 13806E±0.02, h330km±1km, mb4.5/156, Error ellipse: s-maj=5.0km s-min=2.8km az=173.0

NEIC 02 04:39:00.5±0.5, 3279N-13805E, h330km±4km, mb4.6/9.8, MW4.9(NIED), Error ellipse: s-maj=4.8km s-min=3.6km az=158.0

ISC 02 04:39:00.6±0.2, 3284N-003.13807E±0.02, h325km±1km, m6h3, c0774/639, mb4.5/156, 91C-92D, Southeast of Honshu

Main station table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like TOKAI, HACHIOJIMA, MIYAMA, etc.

Main station table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like SANY, BOD, ZAK, etc.

Main station table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like BOD, ZAK, IRK, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like WORD, BSY, BSY, BSY, KAF, KAF, KAF, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like L05A, D11A, H08A, A13A, F10A, G09A, M05C, etc.

IDC 02 05:30:07.7,5,4,58S:14332E,h20km,36km,mb4.1/8, mb1.4/2/10,mb1mx4.1/16,mbtmp4.2/10,ML4.3/2,Error ellipse: s-maj=51.9km s-min=12.5km az=100.0

NEIC 02 05:30:09.9,2.6,4,50S:14345E,h43km,27km,mb4.4/9, Error ellipse: s-maj=23.0km s-min=15.1km az=111.0

ISC/JB 02 05:30:11.5,2.3,4,67S:008:1436E,0.1,h81km,23km, mb4.3/13,Error ellipse: s-maj=25.8km s-min=11.0km az=19.6

ISC 02 05:30:12.4,2.4,4,65S:01+1436E,02,h74km,25km,n28, r1508/29,mb4.3/13,New Guinea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

NNC 02 05:37:14.5,4.1,3,624N:6830E,h0km,mb4.0,mpv4.2, Error ellipse: s-maj=43.2km s-min=20.1km az=29.0

IDC 02 05:37:20.7,1.0,3,650N:6851E,h0km,mb3.8/8, mb1.4/0/11,mb1mx3.8/23,mbtmp3.9/11,ML3.7/3,MS3.1/7, Ms1.3/1.7,ms1mx2.9/32,Error ellipse: s-maj=22.1km s-min=20.4km az=42.0

BJI 02 05:37:24.0,3,680N:6850E,h39km,mb3.7,ML4.0,Ms4.0, Ms3.7

NEIC 02 05:37:25.2,2.9,3,681N:6847E,h24km,22km,mb4.0/3, Error ellipse: s-maj=12.5km s-min=9.5km az=83.0

ISC/JB 02 05:37:26.4,0.9,3,670N:004:686E,0.07,h55km,10km, mb3.8/8,MS3.1/5,Error ellipse: s-maj=9.4km s-min=5.2km az=159.9

ISC 02 05:37:28.4,0.7,3,669N:004:686E,0.07,h55km,9km,n51, r114/57,mb3.8/8,MS3.1/5,8C-6D,Hindu Kush region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

Table with columns: AKTO, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

NIED 02 05:43:06.30,3610N:14010E,h53km,Mw4.5 Best double couple: M6.950000:-1015 NP1a:52.000000:delta9.000000, 1.81.000000 NP2a:257.000000:delta23.000000, 1.13.000000

BJI 02 05:43:06.8,3598N:14079E,h59km,mb4.5,mb4.7,Ms3.9, Ms2.6

SZGRF 02 05:43:07.5,3556N:14109E,h33km,mb4.9,Near east coast of eastern Honshu, Japan

DJA 02 05:43:10,3639N:14048E,h10km,mb5.4/11 MOS 02 05:43:11.1,1.0,9,3617N:13988E,h32km,mb4.9/81,Error ellipse: s-maj=8.9km s-min=4.4km az=105.2

JMA 02 05:43:14.9,0.1,3,613N:14003E,h50km,1km,ML4.6 Broadband fault plane solution: P waves NP1: s=240.000000:delta316.000000:delta192.000000 NP2: s=47.000000:delta74.000000:delta86.000000 Principal axes: T P1:61.000000:Az:312.000000:Pl:3.000000:Az:48.000000; P Pl:29.000000:Az:140.000000

JMA Felt IV J1. ISC/JB 02 05:43:14.6,0.3,3,618N:003:13988E,0.02,h58km,2km, mb4.7/142,MS3.7/26 Error ellipse: s-maj=4.3km s-min=3.0km az=165.0

IDC 02 05:43:15.0,1.4,3,613N:13997E,h54km,12km,mb4.4/23, mb1.4/5/26,mb1mx4.5/29,mbtmp4.5/26,MS3.7/17, Ms1.3/7.17,ms1mx3.5/33,Error ellipse: s-maj=14.8km s-min=9.2km az=22.0

NEIC 02 05:43:18.0,0.7,3,614N:13983E,h70km,5km,mb4.6/89, MW4.5(NIED),Error ellipse: s-maj=4.6km s-min=3.9km az=160.0

NEIC Felt at Chiba and Tokyo. Recorded [4 JMA] in Ibaraki and Tochigi; [3 JMA] in Chiba, Fukushima, Gumma, Kanagawa, Saitama and Tokyo; [1 JMA] in Miyagi, Shizuoka and Yamanashi Prefectures.

ISC 02 05:43:15.7,0.3,3,618N:002:13987E,0.02,h54km,2km, h54km,2.4km:pp-P,n539,e0:885/547,mb4.7/141,MS3.7/26, 70C-83, Eastern Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

Table with columns: YUK, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like GVA, GYA, GYB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like BRVK, BK31, BK32, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like A10A, C09A, D08A, etc.

Table with columns: ID, Name, Time, and other parameters. Includes stations like H13A Challis, CMB Columbia Colle, L10A Juniper Basin, etc.

Table with columns: ID, Name, Time, and other parameters. Includes stations like BSEG Bad Segeberg, MSU Marysvale, MORC Moravy Berou, etc.

Table with columns: ID, Name, Time, and other parameters. Includes stations like 115A Sonoran Desert, V19A Window Rock, Z16A Peralta Trail, etc.

2d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AVF, BNI, GRR, MNTX, MBDF, ORIF, etc.

CSEM 02 05:55:05.70.4.3717N:2070E, h2km, ML3.8, Error ellipse: s-maj=7.7km s-min=2.7km az=49.0

NEIC 02 05:55:06.8, 3725N:2077E, h18km, ML3.8(TH), ML3.9(AH), After ATH.

ATH 02 05:55:06.8, 3725N:2077E, h18km, 1km, MD3.8/8, ML3.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KFL, PYL, VLS, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLX, SELA, LKD, etc.

NIED 02 06:03:00, 3990N:140.40E, h8km, Mw3.6 Best double couple: M3.29000:1014 NP1:0.165, 0.00000, 0.87, 0.00000

ISCJB 02 06:03:27.8, 0.5, 3990N:003:140.39N:0.05, h22km, 4km, mb3.6/12, Error ellipse: s-maj=6.0km s-min=4.2km

JMA 02 06:03:27.9, 3990N:140.38E, h3km, 1km, M3.7 Broadband fault plane solution: P waves. NP1: 0.35, 0.00000, 0.86, 0.00000

NEIC 02 06:03:31.9, 0.8, 3988N:140.24E, h40km, 8km, MG4.0(JMA) Error ellipse: s-maj=11.5km s-min=6.6km

ISC 02 06:03:33.6, 2.2, 3986N:140.25E, h55km, 20km, mb3.4/11, mb1.3, 6/14, mb1mx3.2, mb2mx3.4/14, ML3.4/3, MS2.6/1

ISC 02 06:38:28.0, 0.5, 3991N:002:140.39N:0.05, h11km, 4km, n30, 0.82/40, mb3.6/12, 2C-4D, Eastern Honshu

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAH, JYW, JRG, etc.

ISCJB 02 06:25:45.6, 0.8, 2.910N:006:51.24E:007, h10km, Error ellipse: s-maj=8.3km s-min=7.3km az=146.0

CSEM 02 06:25:46.3, 0.4, 2.916N:51.24E, h20km, ML3.0, Error ellipse: s-maj=3.1km s-min=2.0km az=88.0

THR 02 06:25:49.0, 4.0, 2.938N:51.50E, h15km, ML3.0

ISC 02 06:25:47.0, 0.8, 2.909N:005:51.25E:007, h10km, n9, 0.15/11, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GHIR, NASN, BTHS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KFJS, NASN, KRBR, etc.

ISC 02 06:35:48.2, 3.3, 864S:15891E, h153km, 66km, mb3.2/4, mb1.3/3, mb1mx3.2/13, mbtmp3.2/13, Error ellipse: s-maj=114.4km s-min=28.0km az=125.0, Bougainville - Solomon Islands region

ISCJB 02 06:38:55.1, 2.2, 201S:05:1783W:02, h586km, 25km, mb3.7/8, Error ellipse: s-maj=78.8km s-min=17.4km

ISC 02 06:38:55.9, 2.4, 201S:05:1782W, h581km, 29km, mb3.0/7, mb1.3/3, mb1mx3.1/16, mbtmp3.1/8, Error ellipse: s-maj=54.5km s-min=15.1km az=153.0

NEIC 02 06:38:55.7, 1.4, 201S:05:1782W, h581km, 15km, mb4.4/2, Error ellipse: s-maj=50.2km s-min=11.4km az=156.0

ISC 02 06:38:55.8, 2.2, 202S:05:1783W:02, h580km, 23km, n11, 0.50/11, mb3.7/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, CTA, ASAR, etc.

ISCJB 02 06:53:07.5, 0.5, 1089N:003:62.35W:003, h86km, 6km, Error ellipse: s-maj=5.8km s-min=4.0km az=157.6

FUNIV 02 06:53:08.5, 1039N:02:22W, h76km, MW3.1

NEIC 02 06:53:09.7, 1039N:02:36W, h60km, MD3.2(TRN), After TRN

TRN 02 06:53:09.7, 1039N:02:36W, h60km, MD3.2

ISC 02 06:53:08.6, 0.5, 1090N:003:62.34W:003, h78km, 7km, n27, 0.82/43, 5C-5D, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUIV, TCE, ITEV, etc.

CSEM 02 06:55:13.2, 1.3, 3.727N:247.0W, h0km, ML3.0, Error ellipse: s-maj=1.7km s-min=3.9km az=89.0, After PDA

PDA 02 06:55:13.2, 1.3, 3.727N:247.0W, h0km, MD3.5, ML3.0, Error ellipse: s-maj=11.7km s-min=3.9km az=89.0, Azores Islands region

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

ISK 02 06:58:16.5, 3900N-4103E, h2km, MD3.3
ISCJB 02 06:58:17.0-0.6, 3902N-003.4102E-003, h4km, 5km,
Error ellipse: s-maj=4.7km s-min=3.9km az=137.9
CSEM 02 06:58:17.0-0.1, 3899N-4103E, h5km, MD3.3, Error
ellipse: s-maj=1.6km s-min=1.4km az=119.0
DDA 02 06:58:17.1, 3897N-4102E, h13km, MD3.2
ISC 02 06:58:18.3-0.5, 3901N-003.4102E-003, h5km, 4km, n22,
o588/32, Turkey

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

ISCJB 02 07:02:09.0-0.8, 810N-004-12585E-005, h10km, mb3.8/3,
MS3.2/2, Error ellipse: s-maj=7.3km s-min=5.2km
az=158.9

IDC 02 07:02:09.9-1.9, 639N-12255E, h0km, mb3.8/3, mb1 4.0/3,
mb1mx3.6/19, mbtmp3.8/3, MS3.3/2, Ms1 3.3/2,
ms1mx2.8/31, Error ellipse: s-maj=234.9km s-min=24.3km
az=63.0

MAN 02 07:02:10, 803N-12579E, h2km, mb4.2, ML3.1, MS2.8
ISC 02 07:02:08.8-0.7, 807N-004-12583E-005, h10km, n13,
o1527/19, mb3.8/3, MS3.2/2, C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Musuan, Butuan, Cagayan de Oro, etc.

IDC 02 07:09:59.0-5.8, 791S-12806E, h81km, 63km, mb3.3/1,
mb1 3.8/5, mb1mx3.5/15, mbtmp3.6/5, ML4.0/4, MS3.0/1,
Ms1 3.0/1, ms1mx2.5/16, Error ellipse: s-maj=47.7km
s-min=19.5km az=31.0

ISCJB 02 07:09:59.3-1.8, 788S-009-12794E-008, h127km, 22km,
mb4.0/2, Error ellipse: s-maj=16.9km s-min=11.0km
az=35.0

NEIC 02 07:10:02.1-3.9, 802S-12794E, h131km, 47km, mb4.6/2,
Error ellipse: s-maj=35.8km s-min=31.9km az=74.0

ISC 02 07:10:01.8-1.8, 798S-009-12798E-008, h133km, 21km,
n10, o590/17, mb3.8/2, Banda Sea

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

IDC 02 07:12:24.7-14.0, 2173N-14318E, h96km, 135km, mb3.1/6,
mb1 3.4/6, mb1mx3.3/19, mbtmp3.3/19, Error ellipse:
s-maj=56.8km s-min=20.5km az=86.0, Mariana Islands
region

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

NEIC 02 07:14:27.8-0.4, 2181N-14303E, h35km, mb4.8/3, Error
ellipse: s-maj=17.4km s-min=11.4km az=86.0

IDC 02 07:14:43.7-7.5, 2170N-14295E, h180km, 71km, mb3.4/11,
mb1 3.6/11, mb1mx3.6/19, mbtmp3.4/11, MS3.0/4,
Ms1 3.0/4, ms1mx2.8/24, Error ellipse: s-maj=26.9km

s-min=12.6km az=79.0
ISCJB 02 07:14:44.9-7.8, 217N-01-1428E-02, h208km, 74km,
mb3.9/14, Error ellipse: s-maj=32.0km s-min=16.0km
az=165.8

ISC 02 07:14:45.4-6.5, 217N-01-1429E-02, h197km, 62km, n20,
o555/18, mb3.9/14, Mariana Islands region

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

FUNV 02 07:22:39.8, 676N-7320W, h168km, MW3.5
ISCJB 02 07:22:40.2-0.6, 693N-006-7306W-007, h165km, 6km,
mb3.2/2, Error ellipse: s-maj=12.6km s-min=7.5km
az=35.7

IDC 02 07:22:40.2-0.9, 694N-7321W, h150km, 9km, mb3.0/2,
mb1 3.5/5, mb1mx3.1/22, mbtmp3.3/4/5, Error ellipse:
s-maj=30.1km s-min=7.5km az=130.0

NEIC 02 07:22:41.2-1.1, 691N-7316W, h157km, 11km, Error
ellipse: s-maj=22.8km s-min=13.6km az=132.0

ISC 07:22:41.2-0.6, 691N-7305W-007, h159km, 6km, n26,
o599/34, mb3.2/2, 1C-9D, Northern Colombia

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

IDC 02 07:35:38.0-2.3, 2145N-14434E, h43km, mb3.4/3,
mb1 3.7/3, mb1mx3.4/19, mbtmp3.4/3, Error ellipse:
s-maj=307.0km s-min=29.5km az=110.0, Mariana
Islands region

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

NIED 02 07:51:00, 4220N-14406E, h65km, Mw3.9 Best double
couple: M1: 67000-1104 N1: 152000-000; 81: 00000-
179: 00000. NP2: 22: 00000-0; 84: 00000-0; 14: 140000-0

MOS 02 07:51:26.7-1.7, 4219N-14410E, h69km, mb4.3/5, Error
ellipse: s-maj=15.4km s-min=9.6km az=84.8

ISCJB 02 07:51:27.9-0.5, 4221N-14404E-005, h80km, 4km,
mb3.9/10, Error ellipse: s-maj=7.8km s-min=4.3km
az=137.8

JMA 02 07:51:29.0-0.1, 4225N-14396E, h76km, 2km, M3.9
JMA Fall 1/1

NEIC 02 07:51:29.1, 4225N-14396E, h76km, MG4.1 (JMA), After
JMA

NEIC Recorded [1 JMA] in the Obihiro area.
IDC 02 07:51:30.5-1.9, 4217N-14388E, h90km, 15km, mb3.7/9,
mb1 3.8/12, mb1mx3.6/25, mbtmp3.6/12, MS3.3/1,
Ms1 3.3/1, ms1mx2.4/32, Error ellipse: s-maj=19.8km
s-min=13.0km az=112.0

ISC 02 07:51:29.1-0.5, 4224N-14404E-005, h79km, 3km,
n51, o586/69, mb3.9/10, 5C-6D, Hokkaido region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNBK, Urawaka-nobuka, Ashorobuto, etc.

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

YSS YSS comp=N, 20nm, 0.5s smax
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YSS YSS comp=N, 20nm, 0.5s smax
YSS YSS comp=E, 50nm, 0.5s smax

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, BVAR Borovoye Array, BRVK Borovoye, etc.

CSEM 02 08:32:29.8 0.1, 39.12N:2800E, h8km, MD2.9, Error ellipse: s-maj=1.2km s-min=1.0km az=122.9

ISCJCB 02 08:55:49.3 1.2, 21.90N:003.14308E:0.03, h12km, 7km, mb4.8/104, MS4.0/32, Error ellipse: s-maj=5.7km

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKHS Akhisar, AKS Akhisar, BALB Balikesir, etc.

NEIC 02 08:37:13.2 0.8, 46.16N:154.35E, h10km, Error ellipse: s-maj=21.8km s-min=14.5km az=130.0

ISCJCB 02 08:37:14.7 0.7, 46.11N:0.1542E:0.1, h33km, mb3.8/14, Error ellipse: s-maj=17.2km s-min=10.0km az=143.1

MOS 02 08:37:15.6 1.9, 46.24N:154.22E, h38km, mb4.0/6, Error ellipse: s-maj=15.1km s-min=10.8km az=81.0

IDC 02 08:37:17.5 4.8, 46.05N:154.22E, h44km, 44km, mb3.5/12, mb1.3/7.13, mb1mx3.6/21, mb1mx3/13, ML3.4/1, Error ellipse: s-maj=25.4km s-min=20.6km az=101.0

ISC 02 08:37:19.3 1.9, 46.11N:0.1542E:0.2, h57km, 17km, n33, 19.02/34, mb3.8/14, 2D_East of Kuril Islands

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, YSS Yuzh-Sakhalins, ASAJ Asahikawa, etc.

Table with columns: TXAR, TXAR, Lajitas Array, 77.17 61 P P 08 49 06.4 -0.5

GERES comp=Z,1.0m,0.6s GERE5 Array B 79.35 335 P P 08 49 18.8 +0.2

ISCJCB 02 08:55:49.3 1.2, 21.90N:003.14308E:0.03, h12km, 7km, mb4.8/104, MS4.0/32, Error ellipse: s-maj=5.7km

DJA 02 08:55:50.2, 22.25N:143.83E, h10km, mb5.0/15 BJI 02 08:55:50.4, 21.87N:143.57E, h41km, mb5.0, mb4.8, Ms4.4, Ms4.0

MOS 02 08:55:51.9 0.9, 21.89N:143.06E, h33km, mb5.1/47, Error ellipse: s-maj=10.4km s-min=6.1km az=96.7

NEIC 02 08:55:53.4 0.2, 21.90N:143.05E, mb4.9/57, Error ellipse: s-maj=6.1km s-min=4.9km az=111.0

GCMT 02 08:55:53.4 0.3, 21.86N:143.14E, h12km, MW4.9/77, Moment Tensor Solution. s24,c26; s77,c104; Duration: 0 Moment tensor: Scale 1016N; Mr-2.43; 0.6; Mm0.59; 0.6; M0.184; 0.6; Mo-0.11; 2.6; Mw-0.84; 0.5; Mr:1.00; 2.4; Best double couple: M2.55000; 1016 N1:0.327, 0.0000, 0.34, 0.0000, -1.02, 0.0000; NP2: 0.161, 0.0000, 0.35, 0.0000, -1.82, 0.0000; Principal axes: T 2.4470, P1g1 1.0000; Azm245.0000; N 0.2030, P1g7 0.0000; Azm336.0000; P 2.6530, P1g7 0.0000; Azm97.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 02 08:55:54.7 2.4, 21.94N:143.08E, h49km, 22km, mb4.3/18, mb1.4/4.20, mb1mx4.4/24, mbtmp4.3/20, ML3.9/2, MS4.0/19, Mb1 4.4/20, ms1mx3.8/29 Error ellipse: s-maj=20.0km s-min=11.1km az=95.0

ISC 02 08:55:53.3 1.3, 21.90N:003.14313E:0.03, h29km, 8km, h3km, 1.0km, p-P, n436, 0.673/442, mb4.8/104, MS4.0/32, 97C-96D, Mariana Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

Table with columns: BJI Beijing, BJI Beijing, BJI Beijing, etc. Includes various station codes and times like 29.18 314 P P 09 01 52.6 +0.4

Table with columns for station codes (WB2, WRA, TLY, etc.), call signs, frequencies, and other details. Includes sub-headers for '2007 JUN' and '2d 8h'.

Table with columns for station codes (YKA, YKA, PPT, etc.), call signs, frequencies, and other details. Includes sub-headers for '2007 JUN' and '2d 8h'.

Table with columns for station codes (OBN, OBN, OBN, etc.), call signs, frequencies, and other details. Includes sub-headers for '2007 JUN' and '2d 8h'.

2007 JUN

Table with columns: L2d, House Creek Ra, 83.91, 47, ↑P, P, 09 08 21.1+0.4, etc. Includes stations like P10A Eureka, J13A Cove Ranch, CWC Cottonwood Cre, etc.

Table with columns: MONP Monument Peak, 86.64, 56, ↑P, P, 09 08 34.1-0.4, etc. Includes stations like V12A Nelson, CTU Camp Tracy, T13A Saint George, etc.

Table with columns: GRAL 02:09:13:07.9, 0.3, 3376N, 3554E, h20km, 3km, MD2.5, etc. Includes station codes like BHL Bhannes, RCY Rachaya, HWQ Hawqa, etc.

ISCJB 02:09:18:34.0, 0.5, 3073N, 010.4173W, 007, h10km, mb4, 1/25, MS3, 2/11, Error ellipse: s-maj=14.3km

IDC 02:09:18:34.0, 0.7, 3077N, 014.68W, h0km, mb3, 8/12, m1 3.9/12, mb1mx3.8/26, mbmp3, 8/12, MS3, 4/6, M1 3.4/6, m1mx3.0/31, Error ellipse: s-maj=22.9km s-min=17.5km az=179.0

NEIC 02:09:18:35.8, 0.3, 3073N, 014.71W, h10km, mb4, 3/13, Error ellipse: s-maj=8.2km s-min=4.9km az=168.0

SZGRF 02:09:18:57.8, 31.88N, 39.19W, h21km, mb4, 1, Northern Mid-Atlantic Ridge

ISC 02:09:18:35.9, 0.5, 3073N, 010.4170W, 007, h10km, n54, 0546/47, mb4, 1/25, MS3, 2/11, Northern Mid-Atlantic Ridge

ISCJB 02:09:26:51.9, 3.1, 219N, 01.1429E, 03, h34km, 26km, mb3, 9/9, Error ellipse: s-maj=40.5km s-min=17.6km

IDC 02:09:26:54.9, 3.7, 2183N, 143.06E, h47km, 35km, mb3, 6/9, Error ellipse: s-maj=40.5km s-min=17.6km

2007 JUN

2d 11h

Table of astronomical observations for 2d 11h, listing station names, station IDs, and various parameters like SNR, elevation, and time.

Table of astronomical observations for 2007 JUN, listing station names, station IDs, and various parameters like SNR, elevation, and time.

40

Table of astronomical observations for 40, listing station names, station IDs, and various parameters like SNR, elevation, and time.

Table of astronomical observations for NEIC 02 11:24:09.0, 1931N-15581W, h0'km, MD3.6(HVO), 1D, listing station names and parameters.

Table of astronomical observations for ISCJB 02 11:26:15.8, 0.8, 4098N-005:2455E, h4'km, 8km, listing station names and parameters.

Table of astronomical observations for NEIC 02 11:33:35.5, 3523N-2132E, h80'km, 3km, listing station names and parameters.

Table of astronomical observations for ISCJB 02 11:33:38.5, 0.1, 3543N-2153E, h80'km, ML4.0, listing station names and parameters.

Table of astronomical observations for ISCJB 02 11:33:40.0, 2.8, 3545N-2153E, h45'km, 30'km, listing station names and parameters.

Table of astronomical observations for ISCJB 02 11:33:41.9, 3444N-2120E, h33'km, MB3.6, listing station names and parameters.

Table of astronomical observations for ISCJB 02 11:33:39.0, 6.0, 3540N-004:2150E, h47'km, 7km, n272, listing station names and parameters.

NIED 02 10:43:00, 4250N-14230E, h68km, Mw3.8 Best double couple: Mw4.78000x10^14 Np1.35x134.00000, 355.00000,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include KRUS Krusevo, VAY Valandovo, PE1 Pezze di Greco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include MJAR Matushiro Arr, KSRS Korea Arr, WRA Warramunga Arr, etc.

CSEM 02 12:31:38.1±1.5, 4280N:24.14E, h200km, ML3.1, Error ellipse: s-maj=27.6km s-min=16.1km az=44.0...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include PLD Plovdiv, VTS Vitosh, ZAVOJ Zavoj, etc.

MOS 02 12:32:54.6±0.9, 595S:147.36E, h33km, mb5.2/12, Error ellipse: s-maj=13.3km s-min=7.3km az=86.8...

ISCJB 02 12:32:59.1±0.2, 613S:003.14747E±0.05, h75km, mb4.8/46, Error ellipse: s-maj=7.1km s-min=4.5km az=7.1...

ISC 02 12:33:00.9±0.5, 608S:147.45E, h75km±4km, mb4.5/17, mb1.4/20, mb1mx4.6/21, mbtmp4.5/20, MS3.7/13...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include COEN Coen, HNR Honiara, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include XAN Xi'an, BJI Beijing, CHENGDU Chengdu, etc.

2d 14h

Table of astronomical observations for 2d 14h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 JUN, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 JUN, listing station names, coordinates, and observation details.

2d 14h

Table listing astronomical observations for the 2d 14h period, including station names like DRGR, GZLR, LVV, ISCO, and various object identifiers such as Gura Zlata, Vitosha, and Rawlins.

2007 JUN

Table listing astronomical observations for the 2007 JUN period, including station names like ANTO, TPNV, TPV, and various object identifiers such as Topopah Spring, Wild Horse, and Anapa.

44

Table listing astronomical observations for the 44 period, including station names like WMO, WMO, WMO, and various object identifiers such as Beijing, Chengu, KMI, and others.

Vertical text block containing technical details or notes related to the observations, including coordinates and error margins.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals, listing stations like Ponta Delgada, BBSR, and others.

ISC 02 16:46:04.2, 2.8, 218N-01:1434E, 03, h47km, 26km, n10, az=1509/10, mb3.6/7, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, KRSR Korea Array, QIZ Qiongzong, etc.

MOS 02 16:48:46.0, 1.2, 5312N-15972E, h46km, mb4.6/32, Error ellipse: s-maj=12.0km s-min=6.0km az=86.2

BJJ 02 16:48:46.3, 5306N-15946E, h48km, mb4.6, mb4.6, Ms3.9, Msz3.8

ISCJB 02 16:48:47.5, 0.5, 5298N-004:15989E, 007, h67km, 3km, mb4.2/52, Error ellipse: s-maj=8.8km s-min=3.9km az=39.8

KRSC 02 16:48:48.0, 0.7, 5295N-15998E, h42km, 22km, ML4.3, NEIC 02 16:48:48.9, 0.9, 5316N-15964E, h57km, 8km, mb4.4/28, Error ellipse: s-maj=9.9km s-min=6.7km az=145.0

IDC 02 16:48:50.4, 4.9, 5315N-15965E, h72km, 45km, mb3.7/17, mb1.3/9/18, mb1mx3.8/24, mbtmp3.7/18, ML3.6/1, Error ellipse: s-maj=19.0km s-min=12.9km az=136.0

ISC 02 16:48:49.0, 0.5, 5310N-004:15980E, 007, h65km, 3km, h66km, 2.6km, pp-P, N148, az195/163, mb4.2/52, 2C-1D, Near east coast of Kamotkat Peninsula

Main table of station data for the left column, including stations like NPN Nays Shipunski, NLC Nyltchevo, AVH Avacha, etc.

Main table of station data for the middle column, including stations like HHC HHC, HHC HHC, HHC HHC, etc.

Main table of station data for the right column, including stations like LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, etc.

RSR 02 16:56:49.8, 2014N-7092W, h64km, 10km, MD4.1/6, MD4.1/6, 3C-3D, Dominican Republic region

Table of station data for the RSR event, including stations like SDDR Presa de Saban, SDDR Presa de Saban, etc.

IDC 02 16:58:19.0, 4.0, 386S-14886E, h0km, mb3.6/3, mb1.3/9/3, mb1mx3.3/21, mbtmp3.7/3, MS3.3/4, Ms1.3/3/4, ms1mx3.0/52, Error ellipse: s-maj=123.4km s-min=50.9km az=111.0, Bismark Sea

Table of station data for the IDC event, including stations like CTA Charters Tower, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 02 17:02:26.1, 0.9, 3108N-14191E, h0km, mb3.6/7, mb1.3/9/10, mb1mx3.7/21, mbtmp3.6/10, ML3.3/3, Error ellipse: s-maj=31.2km s-min=16.8km az=70.0, NEIC 02 17:02:27.3, 0.6, 3101N-14194E, h10km, mb4.1/3, Error ellipse: s-maj=20.1km s-min=10.4km az=69.0, JMA 02 17:02:28.4, 0.4, 3120N-14161E, h0km, Ms3.4

ISCJBJ 02 17:09:29.0.5.3108N.004:1417E.0.1.h33km,mb3.8/10, Error ellipse: s-maj=14.2km s-min=4.4km az=162.6

ISC 02 17:09:31.0.1.9.3106N.004:1417E.0.1.h34km,mb15km,n23, c091/34,mb3.8/10,Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mitsune, Hachioji jima, Boso 1, Boso 3, Chichi jima, etc.

IDC 02 17:17:02.3.4.3.403S.10222E,h0km,mb3.6/5,mb1 3.6/5, mb1mx3.4/18,mbtmtp3.6/5, Error ellipse: s-maj=188.0km s-min=22.4km az=54.0,Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Sogingo Array, etc.

BUJ 02 17:23:52.3.5294N:16301W,h17km,mb4.7,mb4.6,Ms4.2,Msz3.7

IDC 02 17:23:57.3.1.10.5358N:16368W,h0km,mb3.9/16,mb1 4.1/17,mb1mx4.0/26,mbtmtp4.0/17,ML3.8/1,MS3.4/4, Ms1 3.4/4,ms1mx2.9/34, Error ellipse: s-maj=29.5km s-min=14.6km az=177.0

ISCJBJ 02 17:23:59.7.1.6.5345N:008:16359W,007,h32km,10km,mb4.3/39,MS3.5/7, Error ellipse: s-maj=13.7km s-min=6.3km az=169.2

NEIC 02 17:23:59.9.2.4.5359N:16362W,h17km,14km,mb4.2/11,ML3.6(AEIC), Error ellipse: s-maj=13.4km s-min=5.2km az=166.0

MOS 02 17:24:00.3.1.1.5358N:16377W,h33km,mb4.5/13, Error ellipse: s-maj=21.6km s-min=9.6km az=98.8

ISC 02 17:23:59.2.1.8.5346N:008:16361W,007,h15km,10km,h18km,4.5km:pP,n85,c1814/89,mb4.3/39,MS3.5/7,2C, Unimak Island region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like False Pass, Akutan, Akutan Long Va, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mudasjiang, Matushiro, Sogingo Array, Beijing, etc.

BUJ 02 17:58:52.4,5030N-8765E,h14km,mb4.1,mb3.9,ML4.1, Ms3.5,Msz3.3
ISCJBJ 02 17:58:53.2.0.7.5014N:003:8797E,004,h2km,5km,mb4.0/17,MS3.0/2, Error ellipse: s-maj=4.6km

s-min=4.3km az=173.8
IDC 02 17:58:54.2.0.7.5008N:8812E,h0km,mb3.7/9,mb1 3.9/14,mb1mx3.8/25,mbtmtp3.8/14,ML4.2/4,MS2.7/2, Ms1 2.8/2,ms1mx2.4/36, Error ellipse: s-maj=12.1km s-min=10.4km az=174.0
MOS 02 17:58:56.2.2.4.5001N:8788E,h15km,mb4.1/8, Error ellipse: s-maj=11.0km s-min=7.1km az=110.2
ASRS 02 17:58:56.3.0.7.5001N:8786E,h15km,Ms3.0, NEIC 02 17:58:56.3.0.7.5013N:8800E,h3km,mb4.1/4, Error ellipse: s-maj=12.3km s-min=11.1km az=211.0
NNC 02 17:59:00.9.5.4.5006N:8695E,h0km,mb4.1,mgvd.7, Error ellipse: s-maj=47.6km s-min=29.5km az=97.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Aktash, Artybash, Ust'-Kan, Tashtagol, Zalesovo, Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and various station codes like KK31, KK31, SVE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and various station codes like NAX, ARUZ, GNI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and various station codes like BVAR, BVAR, AQUA, etc.

NSSP 02 18:23:38.6, 3880N-4380E, h5km, ML4.0
NEIC 02 18:23:41.8, 1.1, 3878N-4398E, h10km, mb4.1/8, ML4.1 (ISK), Error ellipse: s-maj=20.9km s-min=14.3km az=161.0

KIV Kiv 18:25 00.8 -0.4
KIV Kiv 18:25 21.4 +0.3
KIV Kiv 18:25 08.8 +0.3
KIV Kiv 18:25 14.1 +0.4

MOS 02 19:13:57.9, 1.8, 4416N-3878E, h10km, mb4.0/1, Error ellipse: s-maj=14.5km s-min=7.9km az=35.3
MOS Felt (III-V) at Tuapse.
ISCJB 02 19:13:59.1, 0.9, 4402N-003:3874E, h15km, 6km, Error ellipse: s-maj=5.6km s-min=3.4km az=8.4

2d 21h

Table of flight data for the left column, including airline codes (VORD, VRSR, etc.), flight numbers, destinations, and various status codes.

2007 JUN

Table of flight data for the middle column, including airline codes (BZK, MERS, etc.), flight numbers, destinations, and various status codes.

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Table of flight data for the right column, including airline codes (ELL, GEMT, etc.), flight numbers, destinations, and various status codes.

2d 21h

Table with columns for station name, frequency, power, and signal strength. Includes stations like GERES Array S, GERES Array B, Kasperse Hory, and various other locations.

2007 JUN

Table with columns for station name, frequency, power, and signal strength. Includes stations like Grafenberg Arr, Gregorio Mates, Furstenfeldbru, and various other locations.

56

Table with columns for station name, frequency, power, and signal strength. Includes stations like Pioggia, Haudompre, Sparrehoorn, and various other locations.

Table with columns: SMF, Signal de Mont, 78.29 316, eP, P, 21 46 58.4 -1.1. Includes sub-sections like Signal de Mont, Saint Sauveur, Saint Saulge, etc.

Table with columns: RJF, Les Rejaudoux, 80.29 315, eP, P, 21 47 10.3 -0.2. Includes sub-sections like Les Rejaudoux, Diebel Teiouaf, Michaelchurich, etc.

Table with columns: ETOR, Torette, 84.52 312, P, P, 21 47 32.2 -0.5. Includes sub-sections like Tobarra, Cartagena, La Murta, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PBAR Barrancos, PESTR Estremoz, BOSHA Boshof, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FCC Fort Churchill, NLWA Neilton Lookou, FFC Flin Flon, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PKME Peaks-Kenny Pk, CCUT Cedar City, GSC Goldstone, etc.

Table with columns: HKT, comp, Z, Am, 19, 0s, MS6.2, MLR, MLR, BRAL, Brewton, 125.68, 9, PFAKE, LR, LR, 21 54 10.0+8.4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, PSI, Prapat, 7.52 314, Op, P, P, 21 47 43.1 -0.8, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, MKZ, Mys Kozlova, 0.67 253, Op, P, P, 22 14 18.2 +0.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Mangateitei, Pokaka, Moawhango, etc.

BJI 02 22:27:43.1, 2277N, 10105E, h26km, mb4.4, ML3.8
NEIC 02 22:27:44.9, 0.6, 2285N, 10120E, h5km, mb4.1/1, Error ellipse: s-maj=13.0km s-min=9.1km az=80.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJB 02 23:07:27.1, 0.9, 567S, 0.2, 258W, 0.4, h10km, mb4.0/6, Error ellipse: s-maj=34.6km s-min=18.1km az=152.3

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

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

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

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

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

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

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

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

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

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

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

Table with 5 columns: ITM, LKD, VLX, SELA, EVR, VLI, LTK, DID, DGD, LKR, LKR, LKR, THL, THL. Rows list station names and coordinates.

ISCJB 03 00:09:02.0, 4.3883N, 002:2182E, 0.03, h12km, 4km, Error ellipse: s-maj=4.2km s-min=3.7km az=40.8

NEIC 03 00:09:02.0, 3882N, 2180E, h17km, MD3.4(ATH), After ATH. ATH 03 00:09:02.0, 3882N, 2180E, h17km, 1km, MD3.4/3

CSEM 03 00:09:02.0, 1, 3881N, 2183E, h8km, MD3.4, Error ellipse: s-maj=2.0km s-min=1.9km az=172.0

THE 03 00:09:03.1, 3883N, 2182E, h4km, ML2.8, ISC 03 00:09:02.9, 0.4, 3883N, 002:2183E, 0.03, h14km, 4km, n18,

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include EVR, AGG, SELA, THL, LKR, LKD, MEV, VLS, XOR, IGT, LIT, ITM, FNA, KNT.

ISCJB 03 00:09:35.1, 0.5, 2282N, 003:10130E, 0.03, h10km, mb3.7/6, Error ellipse: s-maj=4.6km s-min=3.8km az=32.3

IDC 03 00:09:35.8, 1.0, 2287N, 10124E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.6/22, mbtmt3.8/7, Error ellipse: s-maj=55.6km s-min=17.3km az=68.0

NEIC 03 00:09:35.0, 0.6, 2289N, 10127E, h5km, Error ellipse: s-maj=21.9km s-min=9.5km az=84.0

BUI 03 00:09:36.8, 2286N, 101115E, h15km, mb4.8, mb4.8, ML4.0, Ms4.1, Msz3.8

PLV 03 00:09:41.2, 2.2, 2319N, 10152E, h2km, 0.2gk, MD3.9, ISC 03 00:09:37.0, 0.4, 2286N, 003:10119E, 0.03, h10km, n23,

Δ130/40, mb3.7/6, Myanmar-China border region

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include KMI, NANT, BVV, CHG, CHTO, HNV, MTZV, DSV, YEN TU, PHU-LIEN, GUYANG, KKKT, NST, SHL, LZH, PSI, SONM, MK31, MKAR, ZALV, BVAR, WRA, ASAR.

IDC 03 00:15:51.6, 4.5, 2219S, 6998W, h0km, MB3.6/1, mb1 3.5/2, mb1mx3.6/12, mbtmt3.4/2, ML3.1/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/17, Error ellipse: s-maj=145.6km s-min=63.9km az=89.0, Northern Chile

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include LPAZ, PLCA, TORO, MKAR.

NEIC 03 00:15:59.5, 1.2, 983S, 114.17E, h35km, Error ellipse: s-maj=27.7km s-min=13.8km az=61.0

IDC 03 00:15:54.5, 1.4, 975S, 114.12E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.6/18, mbtmt3.6/17, ML3.3/2, Error ellipse: s-maj=40.5km s-min=19.3km az=55.0, South of Bali

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include KAPI, FITZ, WRA, ASAR, STKA, SONM, MKAR.

ISCJB 03 00:25:34.3, 2.9, 480S, 008:1531E, 0.1, h87km, 26km, mb4.3/16, Error ellipse: s-maj=19.1km s-min=13.2km az=7.0

IDC 03 00:25:34.9, 6.5, 480S:1530.0E, h74km, 55km, mb4.0/11, mb1 4.1/12, mb1mx4.1/15, mbtmt4.0/12, ML3.9/1, Error ellipse: s-maj=37.4km s-min=15.9km az=81.0

NEIC 03 00:25:35.2, 2.8, 479S:1530.1E, h79km, 23km, mb4.8/5, Error ellipse: s-maj=15.9km s-min=8.9km az=78.0

ISC 03 00:25:33.3, 9.9, 478S, 010:1531E, 0.1, h62km, 35km, n30, Δ052/24, mb4.4/16, 2D, New Ireland region

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include CTA, DZM, KAKA, WRAB, WRA, WRA, ASAR, FITZ, FITZ, FORT, RPZ, MJAR, KSR, SONM, SONM, Vnda, MKAR, MKAR, ZALV, ZALV, GSPA, MAW, BRVK, YKA, AKASG, GELL, CRES, GR1, GRA, TORO.

IDC 03 00:34:59.5, 2.0, 106S, 1272E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/15, mbtmt3.5/3, ML3.5/1, Error ellipse: s-maj=152.2km s-min=24.7km az=67.0, Halmahera

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include WRA, WRA, MKAR.

BUI 03 00:57:14.8, 1274N, 9324E, h51km, mb4.8, mb4.4, ISCJB 03 00:57:15.9, 1.5, 1307N, 007:9326E, 0.06, h38km, 14km, mb4.0/16, Error ellipse: s-maj=11.7km s-min=10.0km az=32.6

IDC 03 00:57:19.4, 0.9, 1301N, 9334E, h58km, 7km, mb3.7/11, mb1 3.9/12, mb1mx3.6/22, mbtmt3.8/12, Error ellipse: s-maj=24.4km s-min=15.0km az=60.0

NEIC 03 00:57:21.1, 1.1, 3105N, 9344E, h75km, 13km, mb4.1/1, Error ellipse: s-maj=17.0km s-min=7.1km az=78.0

ISC 03 00:57:18.4, 1.1, 1310N, 007:9321E, 0.06, h43km, 10km, h5km, 5km, p-P, n34, Δ085/34, mb4.0/16, Andaman Islands region

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include PBA, CHTO, CHTO, VIS, VIS, VIS, PSI, SHL, SHK, BOK, BLSP, NGP, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, DAN, LZH.

Table with 5 columns: LZH, XAN, XAN, GTA, GTA, MKA, MKA, MKAR, KSR, KSR, KURK, ZALV, ZALV, ZALV, ASAR, ASAR, JOF, FINES, ARCES, GERES, GERES, NOA, BOSHA, TORO, TORO.

MAN 03 01:05:32, 1685N, 12167E, h45km, mb3.8, ML2.6, MS2.2, IC, Luzon

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include CAUP, CYP, CONNER, BALP, BALP, BCPH, BCPH, ABRA, ABRA.

BUI 03 01:12:34.7, 3692N, 6864E, h10km, mb4.7, mb4.6, ML4.9, Ms4.4, Msz4.1

NINC 03 01:12:35.2, 2.2, 3673N, 6907E, h0km, mb4.4, mpv4.7, Error ellipse: s-maj=22.0km s-min=16.5km az=79.0

IDC 03 01:12:35.2, 0.7, 3640N, 6925E, h0km, mb4.1/15, mb1 4.3/18, mb1mx4.2/25, mbtmt4.1/18, ML3.8/3, MS3.7/5, Ms1 3.7/5, ms1mx3.2/8, Error ellipse: s-maj=17.6km s-min=13.5km az=22.0

ISCJB 03 01:12:36.3, 0.2, 3669N, 002:6929E, 0.03, h10km, mb4.4/8, Ms4.0/12, Error ellipse: s-maj=3.4km s-min=2.5km az=158.6

MOS 03 01:12:39.7, 1.0, 3656N, 6927E, h36km, mb4.5/28, Error ellipse: s-maj=9.0km s-min=6.8km az=91.8

NEIC 03 01:12:41.9, 0.4, 3676N, 6935E, h35km, mb4.4/16, Error ellipse: s-maj=8.1km s-min=7.2km az=176.0

ISC 03 01:12:38.5, 0.2, 3662N, 002:6923E, 0.03, h10km, n177, Δ150/215, mb4.4/8, MS4.0/12, 16C-19D, Hindu Kush region

Table with 5 columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Rows include KBL, KBL, CEP, CHCP, CHCP, KSH, KSH, KSH, KSH, AML, AML, KK31, KK31, KK31.

THN, THN, UCH, UCH, EK2S, EK2S, ZKA, ZKA, AAK, AAK, FRU, FRU, FRU.

KBK, KBK, CHMS, CHMS, USP, USP, ULHL, ULHL, BHK, BHK, TKM2, TKM2.

TKM2, TKM2, TKM2, TKM2, SDNR, SDNR, SMLA, SMLA, SMLA, SMLA.

SMLA, SMLA, AAA, AAA, AAA, AAA, AAA, AAA.

AAA, AAA, KLP, KLP, KLP, KLP.

AAA, AAA, DDI, DDI, KHET, KHET, KHET.

Table with 5 columns: KLP, KLP, KLP, KLP, KLP, KLP, DDI, KHET, KHET, KHET.

3d 1h

Table of station data for 3d 1h, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

2007 JUN

Table of station data for 2007 JUN, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

62

Table of station data for 62, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

ISCJB 03:01:27:34.8:0.8,2961N:006:51.68E:0.10,h10km,Error
ellipso: s-ma=12.1km s-min=6.3km az=171.5
CSEM ellipso: s-ma=35.8:0.1,2960N:51.78E,182km,ML2.8,Error
ellipso: s-ma=4.3km s-min=2.9km az=89.0
THR 03:01:27:35.1:0.3,2961N:51.80E,181km,ML2.8
ISC 03:01:27:36.0:0.8,2961N:006:51.78E:0.10,h10km,n10,
e02212,Southern Iran

Table with columns: NASN, Na'in, 3.29 15 ePn, Pn, 01 28 28.2 0.0, 01 28 28.2 -0.1, etc.

ASAO Ashtian 5.14 344 ePn Pn 01 28 53.8 +0.2, BTHS 5.16 189 P P 01 26 60.0 -0.1, etc.

ISCJB 03 01:50:15.5:0.3, 5815S:005-251W:0.1, h10km, mb4.5/21, MS4.2/16, Error ellipse: s-maj=10.0km s-min=7.6km

NEIC 03 01:50:17.0:0.2, 5812S:2510W, h10km, mb4.7/11, Error ellipse: s-maj=7.4km s-min=6.8km az=219.0

ISC 03 01:50:17.3:0.3, 5818S:005-251W:0.1, h10km, n62, -0.91/37, mb4.5/21, MS4.2/16, South Sandwich Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, etc. Lists stations like Neumayer-Stat, Neumayer-Watz, Sanae, etc.

Table with columns: YKA, PKP, PKPdf, 02 09 40.7 -0.8, etc. Lists stations like YKA, YKA, YKA, etc.

CSEM 03 02:00:59.0:0.1, 3902N:4386E, h25km, MD3.0, Error ellipse: s-maj=1.6km s-min=0.8km az=95.0

ISCJB 03 02:07:08.7:1.5, 6770N:004:337E:02, h0km, Error ellipse: s-maj=13.0km s-min=5.3km az=177.5

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

ISCJB 03 02:07:10.2:0.5, 6769N:337E, h0km, ML2.4, Explosion, IAO 03 02:07:10.2:1.2, 6769N:337E, ML2.6

ISC 03 02:07:13.6:2.2, 6763N:337E, h0km, mb1 3.2/4, mb1mx3/0.22, mbtmp3.2, ML2.8/4, Error ellipse: s-maj=24.2km s-min=8.6km az=79.0

ISC 03 02:07:09.1:1.1, 6770N:004:336E:02, h0km, n15, -0.134/27, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, etc. Lists stations like APA0, APA0, APA0, etc.

ARA0 ARCESS Array S 3.50 306 Pn Pn 02 08 06.2 +0.8, ARA0 baz=122,slow=16

ARCES ARCESS Array B 3.50 306 Pn Pn 02 08 06.2 +0.8, comp=2.2, 1nm, 0.3s, baz=122, slow=15, SNR=173

OUL Oulu 4.06 233 ePb Pn 02 08 19.0 -3.2, OUL comp=2.2, 3nm, 0.3s, baz=116, slow=16, SNR=21

KJN Kajaani 4.36 217 ePn Pn 02 08 18.0 +0.8, KJN comp=2.7, 0nm, 0.3s

FINES FINES Array B 7.06 211 Pn Pn 02 08 53.5 -0.8, comp=2.0, 1nm, 0.3s, baz=30, slow=13, SNR=10.0

HFS Hagfors 11.54 239 Pn Pn 02 09 52.9 -2.7, comp=2.0, 1nm, 0.3s, baz=67, slow=11, SNR=3.2

SPA0 Spitzbergen Ar 11.60 342 Pn Pn 02 09 54.3 -2.0, comp=2.0, 1nm, 0.3s, baz=148, slow=14

NB2 NOR SAR Subarra 11.71 246 Pn Pn 02 09 56.4 -1.6, NB2 comp=2.0, 2nm, 0.3s, baz=46, slow=11, SNR=2.5

CSEM 03 02:33:49.0:0.2, 3903N:4380E, h20km, MD2.8, Error ellipse: s-maj=5.7km s-min=2.7km az=106.0

ISCJB 03 02:33:49.0:0.7, 3901N:004:437E:009, h2km, 10km, Error ellipse: s-maj=12.6km s-min=4.5km az=21.1

ISC 03 02:44:04.5:0.2, 108S:12760E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3/4/15, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=157.9km s-min=25.9km az=67.0, Halmahera

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

Table with columns: ASAR Alice Springs 23.27 165 P P 02 49 141 +0.2, MKAR Makanchi Array 62.00 326 P P 02 54 26.6 0.0

TIF 03 02:48:03.6:2.1, 4269N:4741E, h11km, 2km, MOS 03 02:48:03.6:2.1, 4261N:4755E, h21km, mb4.3/1, Error ellipse: s-maj=11.0km s-min=6.8km az=42.3

ISCJB 03 02:48:04.1:0.5, 4270N:003:4758E:004, h10km, Error ellipse: s-maj=4.6km s-min=3.1km az=144.1

CSEM 03 02:48:06.4:0.1, 4257N:4751E, h2km, mb4.3, Error ellipse: s-maj=3.0km s-min=1.8km az=38.0

ISC 03 02:48:05.1:0.4, 4269N:002:4756E:004, h10km, n45, -0.1506/75, 4C-80, Eastern Caucasus

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

SGKR Sergokala 0.24 163 iPg Pg 02 48 08.5 -1.4, SGKR comp=2.744nm, 0.2s

SGKR Sergokala 0.24 163 iPg Pg 02 48 08.5 -1.4, SGKR comp=2.744nm, 0.2s

MAK Makhachkala 0.28 351 iPg Pg 02 48 10.7 0.0, MAK comp=2.1um, 0.2s

MAK Makhachkala 0.28 351 iPg Pg 02 48 10.7 0.0, MAK comp=2.1um, 0.2s

UNCR Uncukul 0.57 273 iPg Pg 02 48 07.3 -8.8, UNCR comp=2.337nm, 0.2s

UNCR Uncukul 0.57 273 iPg Pg 02 48 07.3 -8.8, UNCR comp=2.337nm, 0.2s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

AKT Akhty 1.21 174 iPg Pg 02 48 24.0 -4.4, AKT comp=2.90nm, 0.3s

PLV 03 02:48:58.2:1.0, 2335N:101.16E, h0km, 6km, MD5.1, ISCJB 03 02:49:00.5:0.1, 2288N:002:101.18E:02, h10km, mb4.9/90, MS4.2/35, Error ellipse: s-maj=3.2km s-min=2.1km az=29.1

MS4.4/15, Error ellipse: s-maj=9.0km s-min=-4.8km az=117.9
GCMT 03 02:49:03.2-0.3, 2293N, 101.12E, h24km, 2km, MW4.9/69,
Moment Tensor Solution. s14,c14; s69,c101; Duration:
0 Moment tensor: Scale 1019Nm; Mr0.20±.18;
Mw=2.42±.13; Mw=2.23±.12; Mw=0.10±.17; Mw=1.08±.10;
Mw=0.63±.19; Best double couple: Ms2.64800x10¹⁶
NP1:238.00000°, 879.00000°, 10.00000°; NP2:
0±147.00000°, 880.00000°, 1.169.00000°. Principal axes:
T 2.6370, Plg15.0000°, Azm102.0000°; N 0.0280,
Plg75.0000°, Azm285.0000°; P -2.6590, Plg1.0000°.
Azim193.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

NEIC 03 02:49:03.2-0.2, 2303N, 101.16E, h10km, mb4.7/48 Error
ellipse: s-maj=6.1km s-min=5.1km az=71.0

ISC 03 02:49:02.7-0.1, 2293N, 101.15E, h10km, mb2.79,
1520/307, mb4.6/90, MS4.2/35, 26C-13D, Myanmar-China
border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time (h m s), Res (m s), ISC. Rows include stations like DBV, BVB, CHIO, HANOI, etc.

Main station list table with columns: STA, Time (h m s), Res (m s), ISC. Rows include stations like GTA, GTO, GTR, etc.

Main station list table with columns: STA, Time (h m s), Res (m s), ISC. Rows include stations like KSH, KSR, TRD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MIAR Mount Ida, GLAT Glass, TXAR Lajitas Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ISCO Idaho Springs, ISCO Idaho Springs, PV01 Paradox Valley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like S11A Rachel, DUG Dugway, DUG Dugway, etc.

Table of flight data for 67, listing destinations like BOZ, G15A, K11A, etc., with columns for flight number, time, status, and agent.

Table of flight data for 2007 JUN, listing destinations like YBH, YBF, I06A, etc., with columns for flight number, time, status, and agent.

Table of flight data for 3d 3h, listing destinations like LDF, LDF, LDF, etc., with columns for flight number, time, status, and agent.

mb3.7/15, Error ellipse: s-maj=25.1km s-min=16.7km az=7.0
 IDC 03 03:16:42.74.8, 1877N:145.34E, h306km,46km, mb3.3/8, mb1 3.5/10, mb1mx3.4/19, mbtmp3.3/10, Error ellipse: s-maj=31.1km s-min=13.5km az=8.0
 NEIC 03 03:16:43.2.7, 1879N:145.35E, h316km,26km, mb3.9/7, Error ellipse: s-maj=17.9km s-min=12.1km az=26km
 ISC 03 03:16:43.3.4, 188N:01.1454E, h315km,33km, n23, c0576/22, mb3.7/15, Mariana Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h s
JOW	Kunigami	17.65 300	P	03 20 29.0	+0.6
MJAR	Matsushiro Arr	18.77 342	P	03 20 40.1	-0.1
MAJO	Matsushiro	18.77 342	P	03 20 40.0	-0.2
KSR5	Korea Array	24.06 324	P	03 21 30.0	-0.6
WRA	Warramunga Arr	39.98 196	P	03 23 47.8	-0.4
ASAR	Alice Springs	43.65 195	P	03 24 17.8	+0.0
ASAR	Korea Array	24.06 324	P	03 25 59.2	+0.5
BILL	Bilibino	50.99 10	eP	03 25 13.5	+0.3
MK31	Makanchi Array	58.17 314	eP	03 26 05.8	+1.0
MK31	Makanchi Array	58.17 314	eP	03 26 05.7	+1.0
MKAR	Makanchi Array	58.17 314	eP	03 26 05.7	+0.9
KURK	Kurchatov	60.99 318	eP	03 26 23.3	-0.5
MCK	McKinley	62.61 27	eP	03 26 33.9	-0.4
TKM2	Tokmak 2	62.74 309	eP	03 26 33.6	-2.0
COLA	College	63.33 26	eP	03 26 37.9	-1.0
BRVK	Borovyoye	66.27 320	eP	03 26 58.9	+0.9
INK	Inuvik	69.42 23	eP	03 27 17.4	+0.1
ARCES	ARCES Array B	82.31 342	P	03 28 30.4	+0.8
NVAR	Nvarina Array	83.34 52	P	03 28 36.7	+1.2
JOF	Joensuu	83.80 335	eP	03 28 36.8	-0.6
FINES	FINES Array B	86.67 335	P	03 28 50.7	-0.8
FINES	FINES Array B	86.67 335	P	03 28 50.7	-0.8
LPAZ	La Paz	148.00 91	PKPbc	03 35 54.2	+1.7

ISCJB 03 03:24:57.9.0.7, 3852N:004:2556E,0.05, h10km, Error ellipse: s-maj=5.6km s-min=4.7km az=138.3
 CSEM 03 03:24:57.0.0.6, 3860N:25.49E, h10km, MD2.9, Error ellipse: s-maj=13.4km s-min=8.3km az=74.0
 DDA 03 03:24:58.9, 3850N:25.58E, h8km,6km, MD2.9
 ATH 03 03:24:59.2, 3848N:25.40E, h43km,9km, MD3.1/3
 ISC 03 03:24:57.2.1.3, 3848N:004:2548E, h0.07km,39km, n13, c0114/23, Aegean Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h s
URLA	Izmir	0.89 97	iP	03 25 14.4	+1.3
URLA	Balcova	1.23 94	eP	03 25 21.1	+0.3
BLBC	Balcova	1.23 94	eP	03 25 21.1	+0.3
SMG	Samos	1.32 125	eP	03 25 23.0	+0.5
KDAG	Bornova	1.41 93	iP	03 25 23.8	+0.1
KDAG	Apeiranthos	1.41 178	eP	03 25 39.6	-2.8
BOZC	Bozcaada	1.43 18	iP	03 25 45.5	-2.8
BOZC	Limnos Island	1.44 351	eP	03 25 24.8	+0.8
LIA	Limnos Island	1.44 351	eP	03 25 24.4	-1.8
EAZ	Ezine	1.45 26	eP	03 25 25.4	+1.4
GADA	Gvkgheada	1.44 351	eP	03 25 27.4	-1.2
AKHS	Akhisar	1.74 11	eP	03 25 27.2	-3.3
AKHS	Akhisar	1.87 77	iP	03 25 33.0	+0.1
AYDN	Tasoluk	2.06 113	iP	03 25 58.3	+1.0
AYDN	Tasoluk	2.06 113	iP	03 25 37.2	+0.4
MANT	Manisa	2.42 89	iP	03 26 01.5	-2.0
MANT	Manisa	2.42 89	iP	03 25 44.5	+1.0
MANT	Manisa	2.42 89	iP	03 25 44.8	+1.0

BUI 03 03:37:03.9, 1974N:121.72E, h56km, mb4.7, mb4.4, Ms4.0, Ms3.7
 MAN 03 03:37:04, 1980N:121.20E, h1km, mb4.8, ML3.7, MS3.7
 ISCJB 03 03:37:05.0.3, 1998N:003:121.34E, h0.08, h37km, mb4.2/23, MS3.5/4, Error ellipse: s-maj=11.2km s-min=4.2km az=177.2
 NEIC 03 03:37:05.3.0.3, 1978N:121.39E, h35km, mb4.4/7, Error ellipse: s-maj=11.5km s-min=6.3km az=71.0
 IDC 03 03:37:05.4.0.7, 1960N:121.42E, h37km,5km, mb3.8/14, mb1 4.0/16, mb1mx3.9/23, mbtmp3.9/16, ML 3.8/2, MS3.1/4, Ms 1.3/24, ms1mx2.9/33, Error ellipse: s-maj=26.0km s-min=12.5km az=71.0
 ISC 03 03:37:06.7.0.3, 1993N:003:121.36E, h0.08, h39km, mb3.2/20, mbtmp3.2/20, PKPbc PKPbc
 Philippine Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h s
PIP	Pasuquin	1.75 204	iP	03 27 32.3	-2.2
PIP	Conner	2.06 183	eP	03 37 54.8	-0.7
SGCP	Mt. Cagua	1.80 159	eP	03 37 35.6	+0.4
APYP	Conner	2.06 183	eP	03 37 38.5	-0.4
CVP	Callao Caves	2.26 169	eP	03 37 42.0	+0.5
CVP	Dolores	2.35 195	eS	03 38 11.0	+2.8
CAUP	Cauayan	3.00 172	eP	03 37 45.4	+0.3
PALP	Palan	3.03 160	eP	03 37 54.1	+2.0
BALP	Baler	4.17 177	eP	03 38 09.7	+1.8
PCPH	Palayan	4.35 183	eP	03 38 12.9	+2.5
SCZP	Santa Cruz	4.36 199	eP	03 38 20.0	+1.0
LUBP	Lubang	6.25 190	eP	03 38 37.2	+0.7
JOW	Kunigami	9.35 41	Pn	03 39 18.4	+0.5
JOW	Guliyang	14.99 298	P	03 42 53.6	
GYA	Guliyang	14.99 298	P	03 40 41.6	+5.8
KSR5	Korea Array	18.37 17	P	03 41 17.9	-0.4
KSR5	Korea Array	18.37 17	P	03 48 47.3	
BJT	Baijitiawu	20.51 349	eP	03 41 42.4	+1.0
BJI	Beijing	20.53 349	P	03 41 42.4	+0.8
MJAR	Matsushiro Arr	22.17 38	P	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 53.6	
GYA	Guliyang	14.99 298	P	03 40 41.6	+5.8
KSR5	Korea Array	18.37 17	P	03 41 17.9	-0.4
KSR5	Korea Array	18.37 17	P	03 48 47.3	
BJT	Baijitiawu	20.51 349	eP	03 41 42.4	+1.0
BJI	Beijing	20.53 349	P	03 41 42.4	+0.8
MJAR	Matsushiro Arr	22.17 38	P	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 53.6	
HHC	Hu-hao-haoe	56.46 340	eP	03 40 41.6	+5.8
HHC	Hu-hao-haoe	56.46 340	eP	03 41 17.9	-0.4
HHC	Hu-hao-haoe	56.46 340	eP	03 48 47.3	
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+1.0
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 53.6	
HHC	Hu-hao-haoe	56.46 340	eP	03 40 41.6	+5.8
HHC	Hu-hao-haoe	56.46 340	eP	03 41 17.9	-0.4
HHC	Hu-hao-haoe	56.46 340	eP	03 48 47.3	
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+1.0
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 53.6	
HHC	Hu-hao-haoe	56.46 340	eP	03 40 41.6	+5.8
HHC	Hu-hao-haoe	56.46 340	eP	03 41 17.9	-0.4
HHC	Hu-hao-haoe	56.46 340	eP	03 48 47.3	
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+1.0
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 53.6	
HHC	Hu-hao-haoe	56.46 340	eP	03 40 41.6	+5.8
HHC	Hu-hao-haoe	56.46 340	eP	03 41 17.9	-0.4
HHC	Hu-hao-haoe	56.46 340	eP	03 48 47.3	
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+1.0
HHC	Hu-hao-haoe	56.46 340	eP	03 41 42.4	+0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 42 00.7	+1.4
HHC	Hu-hao-haoe	56.46 340	eP	03 42 02.9	+0.5
HHC	Hu-hao-haoe	56.46 340	eP	03 42 12.8	
HHC	Hu-hao-haoe	56.46 340	eP	03 42 17.0	-0.3
HHC	Hu-hao-haoe	56.46 340	eP	03 42 31.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 45 59.9	+0.2
HHC	Hu-hao-haoe	56.46 340	eP	03 46 20.4	-2.7
HHC	Hu-hao-haoe	56.46 340	eP	03 46 47.9	
HHC	Hu-hao-haoe	56.46 340	eP	03 49 29.6	-0.8
HHC	Hu-hao-haoe	56.46 340	eP	03 49 33.6	-0.8
HHC	Hu-hao-haoe	56.46 3			

3d 4h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BLSP Bilaspur, ARU Arti, MOY Mondy, etc.

2007 JUN

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like GERES, KHC Kasperske Hory, NOA NORSAR Array B, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like MFF Saint Martin, LFF La Frestelle, SGMF Saint Gilles, etc.

ISCJB 03 04:26:43.3: 1.9, 245N:02:949E:02, h194km, 20km, mb3.5/6, Error ellipse: s-maj=38.4km s-min=12.8km, az=30.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JIRN Jiri, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bornholm Skovb, Val di Lei, Stuetta, Davos/Dischmat, Berninapass, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hinteralfeld, La Plagne, Champ du Feu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKZ, TUMR, Kamenistaya, etc.

3d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BBRC, CIS, BFSC, etc.

TEH 03 06:45:09.0, 3263N-4983E, h15km, ML3.8
IDC 03 06:45:50.1, 3.0, 3261N-4971E, h0km, mb3.6/7, mb1.3 7/8, mb1mx3.5/24, m1bmx3.7/8, ML3.6/1, MS2.9/1, Ms1 3.0/1, ms1mx2.3/3.5, Error ellipse: s-maj=59.1km s-min=26.4km az=145.0
ISCJB 03 06:45:51.9, 1.6, 3243N-4967E, h0km, mb3.1/3km, mb3.5/8, Error ellipse: s-maj=7.6km s-min=6.0km az=29.8
NEIC 03 06:45:52.7, 0.7, 3258N-4970E, h10km, mb3.9/1, MN3.8 (TEH), Error ellipse: s-maj=20.4km s-min=8.7km az=198.0
CSEM 03 06:45:53.6, 0.1, 3247N-4976E, h30km, ML3.8, Error ellipse: s-maj=3.1km s-min=2.4km az=21.0
THR 03 06:45:53.6, 0.2, 3260N-4974E, h14km, mb3.0km, ML3.6
SGS 03 06:45:53.6, 0.2, 3253N-4960E, h20km
ISC 03 06:45:54.6, 0.9, 3251N-4967E, h0km, h19km, mb3.7km, n45, a=152/53, mb3.5/8, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHGR, IPIR, IKLH, IGAR, etc.

TORD Torodi Arr, Baa 47.79 258 P P 06 54 29.4 -1.6
MSKU Masuku 48.13 232 eP P 06 54 34.8 +1.2
comp=N, 1.2nm, 1.1s, mb3.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 03 06:49:01.0, 1.0, 1507S, etc.

ISCJB 03 06:50:03.7, 0.7, 697N-7297W, h0km, mb3.7/3, Error ellipse: s-maj=12.6km s-min=9.2km az=143.2
NEIC 03 06:50:03.7, 0.8, 689N-7291W, h173km, 16km, Error ellipse: s-maj=31.2km s-min=11.2km az=149.0
IDC 03 06:50:03.5, 1.2, 677N-7290W, h164km, 14km, mb3.5/4, mb1 3.7/7, mb1mx3.3/23, m1bmx3.6/7, Error ellipse: s-maj=29.6km s-min=14.1km az=133.0
FUNIV 06:50:04.2, 681N-7311W, h159km, MW3.6
ISC 03 06:50:04.6, 0.7, 694N-7295W, h0km, h163km, mb3.7km, n25, a=97/34, mb3.7/3, 7C, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CAPV, DABV, etc.

NEIC 03 06:57:01.9, 34.18S-7007W, h4km, MD3.6 (GUC), After GUC
GUC 03 06:57:01.9, 0.5, 3418S-7007W, h4km, 2km, MD3.6, ML2.4, GC-44, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CICH, CMLH, etc.

IDC 03 07:03:22.6, 0.8, 3922N-7547E, h0km, mb3.9/12, mb1 4.1/14, mb1mx3.9/23, m1bmx3.8/14, ML3.1/2, MS1.3/1, Ms1 3.1/2, ms1mx2.9/3.2, Error ellipse: s-maj=22.4km s-min=16.7km az=96.0
BJJ 03 07:03:24.0, 39.36N-7526E, h25km, mb4.4, mb4.2, ML3.8, MS3.7, MS3.3
MOS 03 07:03:26.1, 1.7, 3917N-7541E, h33km, mb4.2/8, Error ellipse: s-maj=16.7km s-min=7.2km az=89.6
ISCJB 03 07:03:27.0, 0.3, 3945N-7003-7552E, h0km, h33km, mb4.1/16, Error ellipse: s-maj=5.6km s-min=3.7km az=176.4
NNC 03 07:03:28.1, 3.9, 3957N-7525E, h0km, mb4.2, mpv4.2, Error ellipse: s-maj=40.8km s-min=23.3km az=168.0

NEIC 03 07:03:29.4, 4.2, 3928N-7551E, h48km, 18km, Error ellipse: s-maj=24.9km s-min=11.4km az=188.0
ISC 03 07:03:27.6, 0.8, 3956N-003-7549E, h0km, h19km, 6km, n80, a=1847/91, mb4.1/16, 18C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSH, KZA, ULHL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLR Muntele Rosu, BURAR Bucovina Array, FINES FINES Array B, etc.

MAN 03 07:07:37, 171N:1207E, h32km, mb3.8, ML2.6, MS2.2, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABRA Dolores, APYP Conner, CVP Callao Caves, etc.

IDC 03 07:31:31.4e.1.6, 3320N:13860E, h0km, mb3.6/2, mb1.3, 9/2, mb1mx3.3/19, mbtmp3.6/2, ML2.1/1, Error ellipse: s-maj=31.2km s-min=21.4km az=161.0

ISC/JB 03 07:31:32.2.1.2, 3364N:005=141.1E.01, h61km, 13km, mb3.6/2, Error ellipse: s-maj=17.7km s-min=7.1km az=20.3

JMA 03 07:31:32.3e.0.3, 3366N:141.09E, h55km, M2.6, ISC 03 07:31:32.9.1.5, 3363N:006=141.1E.01, h46km, 19km, n11, c=0567/17, mb3.6/2, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1 Boso, JH2 Mitsune, JHJ Hachijo jima 2, etc.

IDC 03 08:09:47.2.1.7, 3131N:7762E, h0km, mb3.7/6, mb1.3, 9/2, mb1mx3.5/25, mbtmp3.8/7, ML3.5/1, MS2.8/1, M2.1/8, ms1mx2.3/38, Error ellipse: s-maj=57.8km s-min=24.7km az=60.0

ISC/JB 03 08:09:50.5.0.5, 3142N:003:7778E.003, h25km, 4km, mb3.8/8, Error ellipse: s-maj=4.5km s-min=4.2km az=145.5

NDI 03 08:09:50.2.2.7, 3141N:7774E, h10km, ML3.5, mb3.6(NEIC)

NEIC 03 08:09:52.0.1.0, 3141N:7771E, h30km, mb3.6/1, Error ellipse: s-maj=22.0km s-min=14.9km az=79.0

ISC 03 08:09:50.4.0.5, 3141N:002:7776E.003, h13km, 4km, n29, c=1903/42, mb3.8/6, Northern India

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLP Kalpa, SMLA Simla, SDNR Sundarnagar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYAN Aya Nagar, AYON Sona, AYON Sohna, etc.

CSEM 03 08:12:52.1, 3587N:2369E, h34km, MD3.7/5, After ATH NEIC 03 08:12:52.1, 3587N:2369E, h34km, MD3.7(ATH), After ATH

ATH 03 08:12:52.1, 3587N:2369E, h34km, 6km, MD3.7/5, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YAM Varnos, KYTH Kithira, VLI Veliati, etc.

ISC/JB 03 08:24:15.2.0.2, 5114N:002:158.10E.004, h51km, s-min=2.8km az=143.4

KRSC 03 08:24:16.5.0.6, 5116N:158.45E, h37km, 37km, ML5.3, MOS 03 08:24:16.4.0.8, 5124N:158.03E, h62km, mb4.5/37, Error ellipse: s-maj=9.9km s-min=5.2km az=77.0

IDC 03 08:24:16.6.0.4, 5128N:157.96E, h47km, 3km, mb3.9/26, mb1.4/26, mb1mx0.4/29, mbtmp3.9/26, MS3.5/10, Ms1.3.5/10, ms1mx3.3/31, Error ellipse: s-maj=15.3km s-min=9.8km az=123.0

BUJ 03 08:24:16.5.51.12N:157.88E, h48km, mb4.6, mb4.6, Ms4.5, Ms2.4

NEIC 03 08:24:17.3.0.2, 5134N:157.93E, mb4.5/38, Error ellipse: s-maj=5.0km s-min=3.3km az=162.0

ISC 03 08:24:17.6.0.2, 5124N:003:158.01E.004, h53km, h53km, 7km, p:P,n230, c=0584/326, mb4.3/65, MS3.7/18, 45C-51D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUS Russkaya, MIPR Malaya Ipe'l'ka, GRL Gorelyy, etc.

ALID Alaid, 1.59 258 eP Pn 08 24 45.4 +2.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AVCH Avacha, NLC Nalytchevo, SPN Mys Shipunski, etc.

KMPR Tumrok, 4.25 17 eP Pn 08 25 23.2 +3.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMR Kameshtaya, SRDR Sredinnyy, BDR Baidarnaya, etc.

SAJ Asahikawa, 12.58 242 Pn Pn 08 27 15.3 +1.7

ASAJ Asahikawa, 12.58 242 Pn Pn 08 27 15.4 +1.8

ERM Erimo, 13.73 234 eP Pn 08 27 32.9 +3.6

HABR Khabarovsk, 15.05 268 P Pn 08 27 43.6 -3.1

KLBR Kul'dur, 16.89 273 eP Pn 08 28 10.8 +0.7

YAK Yakutsk, 18.79 316 eS Pn 08 28 34.9 +1.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YAK Yakutsk, WMO Urumqi, HKL Halekala, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YAK, YAK, YAK, etc. across multiple columns.

Table containing horse race results for the first column. It includes columns for race number, horse name, jockey, odds, and time. Races range from 006A to M08A.

Table containing horse race results for the second column. It includes columns for race number, horse name, jockey, odds, and time. Races range from 006A to FINES.

Table containing horse race results for the third column. It includes columns for race number, horse name, jockey, odds, and time. Races range from FINES to ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res. Includes stations like ASAR, ASAR, ASAR, CDF, MEZF, HINF, FLN, etc.

ISCJB 03 08:58:17.1±0.5, 3256N.002±11524W.002, h13km, 4km, Error ellipse: s-maj=3.1km s-min=2.1km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res. Includes stations like CPBX, COA, SGL, ROK, etc.

Main table with columns: MONP, Monument Peak, Az, Az', Phase ID, Time, Res, Res. Includes stations like MONP, ECXB, ECXB, BC3, etc.

IDC 03 09:03:27.1±1.3, 719S:15565E, h0km, mb3.9/5, mb1 4 0/6, ms1mx3.8/14, mbtmp4.0/6, ML3.9/1, MS3.5/2, Ms1 3.5/2, ms1mx3.0/21, Error ellipse: s-maj=34.2km s-min=27.7km az=110.0

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

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

3d 9h

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BELC Belle Mtn., MPMC Manual Prospec, YTHU Tungsten Hills, etc.

2007 JUN

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like R12A Pony Springs, H06A Lindquist Farm, I07A Iza, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PV01 Paradox Valley, ANMO Albuquerque, F13A Darby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Novy Kostel, Trest, Gura Zlata, Exmoor, Bratislava, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Error ellipse, NEIC Feit, Guinayangan, Polilio Island, Virac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA, KTMGM, NST, KMI, etc.

IDC 03 09:30:13.7,2.2, 1278N:9072W, h0km, mb3.8/6, mb1 4.2/7, mb1 mx3.8/23, mbmp4.0/7, ML4.0/1, MS3.5/4, Ms1 3.5/4, ms1mx2.9/33, Error ellipse: s-maj=44.0km s-min=28.0km az=35.0

ISCJB 03 09:30:28.8,2.1, 138N:02.91DW.01, h85km, 11km, mb3.8/5, Error ellipse: s-maj=38.5km s-min=20.0km az=15.7

NEIC 03 09:30:30.8,2.0, 1377N:9097W, h87km, 18km, mb3.8/1, Error ellipse: s-maj=27.4km s-min=17.2km az=200.0

ISC 03 09:30:30.1,2.1, 138N:02.91DW.01, h76km, 12km, n24, o666/14, mb3.8/5, 7C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG, PCG, RBDL, RTR, SBL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Error ellipse, NEIC Feit, Guinayangan, Polilio Island, Virac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA, KTMGM, NST, KMI, etc.

BJI 03 10:09:46.6, 1353N:12291E, h15km, mB5.1, mb5.0, MS4.9, MSz4.7

IDC 03 10:09:47.0, 0.5, 1358N:12284E, h0km, mb4.6/26, mb1 4.6/27, mb1mx4.6/30, mbmp4.6/27, ML4.0/1, MS4.6/25, Ms1 4.6/25, ms1mx4.5/32, Error ellipse: s-maj=20.0km s-min=10.7km az=75.0

ISCJB 03 10:09:48.7, 0.5, 1370N:002:12273E.002, h11km, 3km, mb5.0/135, MS4.7/57, Error ellipse: s-maj=3.7km s-min=2.6km az=144.7

MAN 03 10:09:48, 1366N: 12269E, h5km, mb5.8, ML4.8, MS5.3

MAN INTENSITY V - RAGAY CAMARINES SUR, LABO CAMARINES NORTE, INTENSITY IV - GUINAYANGAN QUEZON, INTENSITY III - LUCBAN QUEZON

MOS 03 10:09:53.8, 1.6, 1402N: 12280E, h33km, mb5.3/48, MS4.8/20, Error ellipse: s-maj=10.8km s-min=4.9km az=117.1

GCMT 03 10:09:54.5, 0.1, 1373N: 12275E, h18km, MW5.3/97, Moment Tensor Solution. s62,c93; s97,c178; Duration: 1s1 Moment tensor. Scale 10^17Nm; Mr,0.02±.02; Mw,0.98±.02; Mb, -1.00±.02; Mo,0.04±.03; Mo,0.30±.01; Mo,0.02±.04; Best double couple: Mo1.03600±.017 NP1, 127.0000°, 888.0000°, 1.1.00000°. NP2: 90.37.0000°, 889.0000°, 1.178.0000°. Principal axes: T 1.0270, P13.0000°, Az=0.0000°, Az=0.0180, P1987.0000°, Az=189.0000°, P -1.0450, P191.0000°, Az=82.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 03 10:09:54.5, 2.9, 1388N: 12269E, h30km, 20km, mb5.0/58

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHN, NJ2, KAPI, KAP, KKT, GYA, etc.

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

3d 10h

HHC	PCP	PcP	10 18 58.6	+0.6			
HHC	S	S	10 20 35.5	-2.5			
HHC	SS	SS	10 22 02.1	-3.8			
HHC	SoP	SoP	10 22 38.5	-1.6			
HHC	PCP	PCP	10 22 40.8	+0.3			
HHC	SCS	SCS	10 26 30.8	-2.7			
HHC	AMB	AMB					
comp=Z,44nm,1.3s,mb5.0							
HHC	AMB	AMB					
comp=Z,302nm,7.4s							
HHC	LR	LR					
comp=N,1um,15.1s,MS4.7							
HHC	LR	LR					
comp=E,1um,14.6s,MS4.7							
HHC	LR	LR					
BTO	Baotou	29.05 340	eP	P	10 15 48.9	-1.5	
CN2	Changchun	30.12 4	iP	P	10 16 00.0	+0.1	
CN2			eX	S	10 16 07.9	+5.1	
CN2			eS	S	10 20 47.9	-11	
comp=Z,10.0nm,1.2s,mb4.4							
CN2	AMB	AMB					
comp=Z,170nm,4.0s							
CN2	LR	LR					
comp=N,1um,13.0s,MS4.8							
CN2	LR	LR					
comp=E,1um,13.0s,MS4.8							
CN2	LR	LR					
VLA	Vladivostok	30.39 13	eP	P	10 16 01.9	-0.4	
VLA			i		10 16 06.9		
VLA			pmx	pmx			
comp=Z,29nm,1.0s,mb5.0							
SHL	Shillong	31.28 297	iP	P	10 16 09.0	-1.4	
SHL			iS	S	10 21 18.0	+0.4	
MDJ	Mudanjiang	31.40 9	P	P	10 16 11.8	+0.7	
MDJ			AP	pP	10 16 15.0	+1.8	
MDJ			S	S	10 21 17.3	-1.6	
MDJ			XS	sS	10 21 24.4	+2.1	
comp=Z,18nm,1.6s,mb4.7							
MDJ	AMB	AMB					
comp=Z,87nm,4.7s							
MDJ	LR	LR					
comp=N,57nm,35.4s							
MDJ	LR	LR					
comp=E,1um,29.3s							
MDJ	LR	LR					
comp=Z,734nm,35.4s,MS4.1							
MDJ	Mudanjiang	31.40 9	eP	P	10 16 11.1	0.0	
FITZ	Fitzroy Crossi	31.70 175	eP	P	10 16 11.7	-2.4	
FITZ			eP	S	10 16 15.7	+1.7	
FITZ	Fitzroy Crossi	31.70 175	eP	P	10 16 15.7	+1.7	
FITZ							
GTA	Gaotai	32.63 326	P	P	10 16 22.1	0.0	
GTA			AP	pP	10 16 26.6	+2.5	
GTA			XP	pP	10 16 29.9	+4.8	
GTA			PP	PP	10 17 31.9	-3.9	
GTA			PCP	PcP	10 19 10.9	+2.7	
GTA			S	S	10 21 37.2	-1.1	
GTA			XS	sS	10 21 44.8	+3.1	
GTA			SoP	SoP	10 22 37.1	+0.9	
GTA			SS	SS	10 23 35.4	-2.3	
GTA			SCS	ScS	10 26 51.1	-1.2	
GTA	AMB	AMB					
comp=Z,28nm,1.8s,mb4.9							
GTA	AMB	AMB					
comp=Z,105nm,5.3s							
GTA	LR	LR					
comp=N,3um,21.7s,MS5.1							
GTA	LR	LR					
comp=E,2um,20.5s,MS5.1							
GTA	LR	LR					
comp=Z,2um,18.6s,MS4.9							
GTA	LR	LR					
LSA	Lhasa	33.24 304	S	S	10 16 28.5	+0.9	
LSA			P	P	10 21 43.0	-5.1	
LSA			SS	SS	10 23 54.8	-1.7	
LSA			LR	LR			
comp=N,390nm,16.0s,MS4.5							
LSA	LR	LR					
comp=E,560nm,15.0s,MS4.5							
LSA	LR	LR					
comp=Z,610nm,17.0s,MS4.4							
LSA	Lhasa	33.24 304	eP	pmx	10 16 28.4	+0.8	
LSA			pmx	pmx			
comp=Z,54nm,0.9s,mb5.5							
LSA	Lhasa	33.24 304	eP	P	10 16 28.4	+0.9	
LSA	Marble Bar	34.73 185	eP	P	10 16 43.3	+2.8	
comp=Z,7.8nm,0.6s,mb4.8							
ASAJ	Asahikawa	34.78 25	P	P	10 16 40.4	-0.4	
ASAJ			eP	LR	10 29 09.6		
comp=Z,715nm,19.2s,MS4.4,baz=13,slow=33							
WRA	Warrung Arr	35.30 161	P	P	10 29 41.6	-3.8	
WRA			LR	LR	10 32 03.5		
comp=Z,522nm,19.6s,MS4.3,baz=0.0,slow=38							
HIA	Hailar	35.58 357	eP	P	10 16 46.1	-1.4	
HIA			eP	P	10 16 46.9	-0.6	
comp=Z,5.5nm,0.6s,mb4.7							
HABR	Khabarovsk	36.18 14	eP	S	10 16 51.8	-0.8	
HABR			eS	S	10 17 04.0		
HABR			e	S	10 18 08.4		
HABR			eS	S	10 22 26.0	-6.8	
HABR			e	S	10 22 40.1		
HABR			eSS	SS	10 24 42.6	-2.8	
HABR			e	S	10 24 04.0	-2.8	
HABR			e	S	10 16 47.8	-5.3	
KLR	Kul'dur	36.23 10	eP	S	10 18 19.0		
KLR			eS	S	10 22 32.5	-1.1	
KLR			pmx	pmx			
comp=Z,50nm,1.6s,mb5.2							
KLR	MLR	MLR					
comp=N,2um,16.0s,MS5.1							
KLR	MLR	MLR					
comp=E,90nm,16.0s,MS5.1							
SONM	Songino Array	36.67 342	P	P	10 16 56.9	0.0	
SONM			eP	LR	10 33 42.2		
comp=E,18nm,1.0s,mb4.8,baz=160,slow=8.6,SNR=47							
SONM	LR	LR					
comp=E,1um,18.8s,MS4.8,baz=155,slow=39							
JIRN	Jiri	36.75 298	eP	P	10 16 57.5	-0.4	
GUN	Gumba	37.08 298	eP	P	10 17 00.1	-0.6	
GUN			eP	P	10 17 01.0	-0.3	
YSS	Yuzh-Sakhalins	37.19 23	eP	S	10 17 01.0	-0.3	
YSS			eS	S	10 22 46.0	-2.3	
YSS			MLR	MLR			
comp=N,500nm,16.0s							
YSS	MLR	MLR					
comp=Z,500nm,16.0s,MS4.4							
YSS	Yuzh-Sakhalins	37.19 23	eP	P	10 17 01.1	-0.3	
comp=Z,1.7nm,1.3s,mb5.0							
PKI	Pulchoki	37.40 298	eP	P	10 17 02.1	-1.3	
PKI			eP	P	10 17 03.7	-1.1	
KKN	Kakani	37.56 298	eP	P	10 17 03.7	-1.1	
comp=Z,112nm,1.2s,mb5.5							
DMN	Daman	37.67 298	eP	P	10 17 04.9	-0.8	
VIS	Vishakhapatnam	38.09 281	eP	P	10 17 11.7	+2.4	
VIS			AMB	AMB	10 17 17.0		
comp=Z,56nm,1.2s,mb5.2							
GKN	Gorkha	38.17 298	eP	P	10 17 08.9	-1.0	
comp=Z,59nm,1.2s,mb5.2							
ASAR	Alice Springs	38.68 163	P	P	10 17 11.5	-2.7	
comp=Z,2.3nm,0.6s,mb4.1,baz=340,slow=7.0,SNR=11							
DANN	Dangsig	39.01 297	eP	P	10 17 15.6	-1.3	
KOLN	Koldanda	39.01 297	eP	P	10 17 15.0	-1.9	
BLSP	Bilaspur	39.43 288	eP	P	10 17 21.4	+0.8	
BLSP			AMB	AMB	10 17 25.4		
comp=Z,43nm,0.9s,mb5.2							
ZAK	Zakamensk	39.90 341	eP	pmx	10 17 22.8	-1.2	
ZAK			pmx	pmx			
comp=Z,10.0nm,1.2s,mb4.4							
CTA	Charters Tower	40.76 145	eP	P	10 17 33.4	+1.9	
CTA			eP	P	10 17 29.7	-1.8	
comp=Z,7.9nm,0.9s,mb4.3							
CTA	Charters Tower	40.76 145	P	P	10 17 33.4	+1.9	
CTA			eP	pmx	10 17 33.4	+1.9	
comp=Z,1.4nm,0.3s,mb5.0,baz=343,slow=11,SNR=2.1							
CTA	Charters Tower	40.76 145	eP	pmx	10 17 33.4	+1.9	
CTA			pmx	pmx			
comp=Z,8.0nm,0.9s							
CTAO	Charters Tower	40.76 145	eP	P	10 17 34.4	+2.9	
CTAO			pmx	pmx			

CTAO	Charters Tower	40.76 145	eP	P	10 17 34.4	+2.9	
comp=Z,15nm,1.0s,mb4.6							
CTAO	Charters Tower	40.76 145	eP	P	10 17 34.4	+2.9	
comp=Z,15nm,1.0s,mb4.6							
CTAO			eP	P	10 17 32.2	-0.2	
TLY	Talya	40.91 342	eP	P	10 17 32.0	-0.4	
TLY			comp=Z,101nm,0.9s,mb5.5,SNR=6.7		10 19 08.7		
TLY	Talya	40.91 342	iP	P	10 19 27.1		
TLY			ePPP	S	10 23 39.2	-5.1	
TLY			eS	S	10 27 39.3		
TLY			pmx	pmx			
comp=Z,20nm,0.9s,mb4.8							
TLY	Talya	40.91 342	eP	P	10 17 32.3	-0.1	
TLY			MLR	MLR			
comp=Z,1um,24.0s,MS4.7							
TLY	Talya	40.91 342	eP	P	10 17 32.3	-0.1	
TLY			comp=Z,11nm,0.7s,mb4.6				
IRK	Irkutsk	41.22 343	eP	P	10 17 34.0	-0.9	
IRK			e	P	10 19 10.9		
IRK			e	pmx	10 19 35.4		
comp=Z,47nm,1.7s,mb4.8							
MOY	Mondy	41.75 340	eP	P	10 17 39.7	+0.4	
MOY			pmx	pmx			
comp=Z,41nm,1.6s,mb4.8							
MOY	Nagpur	42.22 286	eP	AMB	10 17 44.2	+0.6	
NGP			AMB	P	10 17 45.4		
comp=Z,48nm,1.0s,mb5.1							
WMO	Urumqi	42.42 322	P	pP	10 17 46.4	+1.5	
WMO			XP	XP	10 17 49.4	+2.4	
WMO			PP	PP	10 19 27.4	+4.2	
WMO			PCP	PcP	10 19 41.1	+3.1	
WMO			ScP	ScP	10 23 29.9	+0.5	
WMO			S	S	10 24 05.9	-1.0	
WMO			XS	sS	10 24 13.3	+3.0	
WMO			SS	SS	10 27 08.1	-7.8	
WMO			SCS	ScS	10 27 46.0	-1.5	
WMO			AMB	AMB			
comp=Z,17nm,1.0s,mb4.6							
WMO	AMB	AMB					
comp=Z,101nm,4.0s							
WMO							

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KIV, VRHR, TTA, SVWZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MLR, KMBP, ZIMR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NVAR, TORD, TXAR, etc.

IDC 03 10:17:52.07, 8, 5710S, 15780E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.8/12, mbtmp3.6/3, MS3.3/1, Ms1 3.3/1, ms1mx3.0/27, Error ellipse: s-maj=429.4km s-min=29.8km az=73.0, Macarouie Island region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like VYHS, VYHS, etc.

IDC 03 10:17:05.1359N, 12265E, h7km, mb4.3, ML3.1, MS2.9, 1C-1D, Luzon

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like GQP, POLP, etc.

IDC 03 10:15:12.7, 3.4, 2749S, 13581E, h0km, mb1 2.8/3, mb1mx2.8/13, mbtmp2.6/3, ML2.2/3, Error ellipse: s-maj=73.4km s-min=28.4km az=55.0, South Australia

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ASAR, STKA, etc.

FUNV 03 10:48:21.7, 6.70N, 73.16W, h167km, MW3.5, ISCBJ 03 10:48:22.9, 0.8, 690N, 007:729W, 0.08, h175km, 8km, mb3.3/2, Error ellipse: s-maj=13.7km s-min=10.3km az=41.8

IDC 03 10:48:22.6, 1.2, 678N, 7291W, h169km, 14km, mb3.0/2, mb1 3.5/4, mb1mx3.1/21, mbtmp3.2/4, Error ellipse: s-maj=37.5km s-min=14.3km az=129.0

ISOC 03 10:48:23.2, 0.8, 688N, 007:728W, 0.08, h169km, 8km, n2.0, e071/25, mb3.3/2, 9C-1D, Northern Colombia

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CAPV, ROSC, etc.

CSEM 03 10:50:54.6, 0.6, 3729N, 2462W, h5km, ML2.6, Error ellipse: s-maj=5.6km s-min=2.2km az=86.0, After PDA PDA 03 10:50:54.6, 0.6, 3729N, 2462W, h5km, MD3.5, ML2.6, Error ellipse: s-maj=6.3km s-min=2.2km az=86.0, Azores Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PSMM, CMLA, etc.

3d 11h

PICO Pico 3.25 293 eP Pn 11 00 41.8 -4.4 Pn 11 01 16.9 -8.3

NMC 03 11:05:20.7±6.9, 5378N-8678E, h0km, mb3.6, mpv2.9, 5C-9D, Error ellipse: s-maj=54.5km s-min=34.5km az=53.0, Southwestern Siberia

ISCJBJ 03 11:17:35.6±0.4, 5536S-006-296W, 0.1, h10km, mb4.8/2.0, MS4.6/15, Error ellipse: s-maj=10.0km s-min=6.4km az=135.1

NEIC 03 11:17:37.4±0.2, 5536S-295W, h10km, mb4.9/16, Error ellipse: s-maj=31km s-min=7.9km az=198.0

GCMT 03 11:17:37.4±0.2, 5521S-293W, h16km, 1km, MW5.1/68, Moment Tensor Solution, s45, c63, s68, c92

Main table with columns: Code, Station Name, Delta A, AZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like East Falkland, Neumayer-Stat, Neumayer-Watz, Palmer Station, etc.

MSU Marysvalde 116.86 299 ePKPdf PKPdf 11 36 22.5 +1.2

Main table for stations MSU to ZRNC. Includes stations like DUG, ULM, HWUT, NVAR, LOHW, NOAH, OHCM, WVOR, BMO, FINES, YBH, KAF, HUMO, JOF, AKTK, AKYO, EDM, ARCES, KMI, YKA, YKA, YKA, YKA, GYA, GYA, GYA, GYA, GYA, WMQ, CD2, CD2, CD2, CD2, CD2, LZH, LZH, LZH, LZH, LZH, GTA, ZALV, ZALV, ZALV, XAN, XAN, XAN, XAN, INUVI, DAWK, EGAK, NJ2, SML, SLKM, COLA, MCK, KDKA, KDKA, KDKA, HHC, HHC, HHC, SVW2, IMAG, SONM, TTA, TTA, KSRS, etc.

IDC 03 11:25:07.1±19.0, 2028S-17799W, h438km, 177km, mb3.3/4, Error ellipse: s-maj=133.8km s-min=84.7km az=116.0, Fiji Islands region

STKA Stephens Creek 37.90 244 P P 11 32 38.4 -0.3

IDC 03 11:30:32.3±6.8, 3631N-7082E, h194km, 62km, mb3.1/7, mb1 3/10, mb1mx3.1/4, mbtmp3/2/10, Error ellipse: s-maj=36.3km s-min=19.9km az=26.0

ISCJBJ 03 11:30:35.2±0.6, 3655N-004-7103E-009, h272km, 7km, mb3.2/6, Error ellipse: s-maj=11.8km s-min=5.6km az=157.7

CEP Cherat 2.84 165 Op P 11 31 25.5 +0.5

KLP Kalpa 7.82 128 eP Pn 11 32 28.2 +1.2

MAN 03 11:33:17, 1358N-12266E, h7km, mb4.3, ML3.1, MS2.9, 1C, Luzon

KRSC 03 11:43:22.9±0.5, 5059N-15784E, h32km, 32km, ML3.9, Kuril Islands

ALID Alaid 1.48 282 eP Pn 11 43 47.4 +0.1

IDC 03 11:46:59.1±0.4, 714S-005-10323E-005, h10km, mb4.6/45, MS4.3/9, Error ellipse: s-maj=8.1km s-min=5.3km az=137.2

NEIC 03 11:47:01.0±0.5, 711S-10341E, h10km, mb4.7/13, Error ellipse: s-maj=20.2km s-min=8.4km az=59.0

Code Station Name Delta A AZ Phase ID Op ISC Time Res h m s ISC

Main table for stations SBJI, KSI, CBJI, XMSI, LEM, BJI, PJI, MYKON, KGM, KSM, IPM, KTM, KULM, SBIU, KAPI, PCI, KKM, SDKM, KDM, MYLDM, BATI, BATI, BWBA, FITZ. Rows include stations like Serang, Kapahiang, Citeko, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECAL Calabor, MFF Saint Martin d, EPON Pontenova, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR05, KUR17, KUR18, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSR Koster, PRYS Parys, SWZ Schweizer, etc.

IDC 03 13:16:14.0-0.9, 1353N:12267E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, MS3.7/9, Ms1 3.8/9, ms1mx3.4/31, Error ellipse: s-maj=64.2km s-min=16.4km az=69.0

ISCJB 03 13:16:15.8-0.3, 1361N:003:12270E:0.03, h10km, mb3.8/7, MS3.7/9, Error ellipse: s-maj=5.0km s-min=3.1km az=150.5

IDC 03 14:02:45.0-0.7, 840S:157.14E, h0km, mb4.2/10, mb1 4.3/12, mb1mx4.3/15, mbtmp4.2/12, ML4.1/2, MS3.4/2, Ms1 3.4/2, ms1mx3.1/13, Error ellipse: s-maj=18.7km s-min=15.8km az=17.0

ISCJB 03 13:16:16.4-0.3, 1360N:003:12271E:0.04, h10km, n47, c191531, mb3.8/7, MS3.7/9, 7C-5D, Luzien

ISCJB 03 13:47:46.5-0.8, 3022N:003:3584E:0.05, h0km, Error ellipse: s-maj=6.4km s-min=3.7km az=11.8

NEIC 03 14:02:46.7-0.4, 844S:157.16E, h10km, mb4.7/11, Error ellipse: s-maj=13.5km s-min=9.1km az=137.0

ISC 03 13:16:16.4-0.3, 1360N:003:12271E:0.04, h10km, n47, c191531, mb3.8/7, MS3.7/9, 7C-5D, Luzien

SGS 03 13:47:46.4, 3046N:3565E, h10km, CSEM 03 13:47:46.4, 3046N:3565E, h10km, ML2.9, After SNSN

ISC 03 14:02:50.9-0.6, 84S:01:1571E:0.1, h35km, n33, c191132, mb4.3/21, MS3.4/2, Bougainville - Solomon Islands

Main station list table for the left column, including stations like Guinayangan, Polilio Island, Odiangan, etc.

EXPLOSION IDC 03 13:47:46.7-0.8, 3022N:003:3588E:0.05, h0km, n14, c083/24, Dead Sea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, PRNI Paran, MBH Mount Berech, etc.

IDC 03 13:50:55.0-4.6, 1731S:17441W, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/15, mbtmp3.9/4, ML2.1/1, MS4.0/3, Ms1 4.0/3, ms1mx3.2/20, Error ellipse: s-maj=204.7km s-min=31.6km az=139.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, Charters Tower, Warramunga Arr, etc.

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

NIED 03 13:57:00, 3160N:142.40E, h5km, Mw3.7 Best double couple: M3.420000*1014 NP1.313100000, .663.000000, .7-112.000000. NP2.352.00000, .634.000000, .7-4.900000

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

JMA 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSR Koster, PRYS Parys, SWZ Schweizer, etc.

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

ISCJB 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

PRE 03 13:59:37.2-1.1, 2087S:3300E, h5km, ML4.2, Mozambique

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSNA Messina, POGA Pongola, etc.

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

IDC 03 13:24:07.8-3.0, 3397S:17868W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=70.3km s-min=35.6km az=122.0, South of Kermadec Islands

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

ISC 03 13:57:40.0-0.4, 3157N:142.43E, h59km, M3.7

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

2007 JUN

Table with columns: UCH, Uchtor, 6.71 75 ePn, Pn, 14 24 31.0 -0.4, 2.0, 0.5, 0.8s, 7.63 71 Pn, Pn, 14 24 43.6 -0.3, 3.5nm, 0.8s, 14 26 54.1, 14 24 43.7 -0.2, 14 25 08.1 +0.7, 14 26 53.5 +1.1, 14 27 53.0, 14 25 28.4 -1.6, 14 27 40.2 +7.4, 14 28 56.7, 14 27 36.1 +0.7, 14 27 36.1 +3.3, 14 25 28.4 -1.6, 14 27 40.2 +7.4, 14 28 56.7, 14 25 48.9 +1.2, 14 28 04.8 +0.2, 14 25 49.6 +0.6, 14 28 05.5 -1.5, 14 25 52.1 +0.7, 14 28 08.9 -2.4, 14 25 52.1 +0.6, 14 28 09.7 -1.7, 14 25 51.5 -0.1, 14 26 01.6 +1.5, 14 29 51.2, 14 26 01.5 -0.1, 14 29 58.8, 14 26 04.5 +2.7, 14 29 50.0, 14 26 01.6 -0.2, 14 26 02.3 +0.5, 14 30 01.2, 14 31 55.8, 14 27 02.7 +0.6, 14 28 57.4 -0.5, 14 28 57.4 -0.5, 14 29 01.8 0.0, 14 29 15.4 +0.4, 14 30 13.8 -0.3, 14 30 13.8 -0.3, 14 30 13.8 -0.3, 14 33 12.2 -0.7, 14 35 50.0 -2.9, 14 42 33.4 -2.4

Table with columns: THR 03 15:02:47.2, 0.3, 2632N:54.23E, h14km, 5km, ML3.3, CSEM 03 15:02:48.0, 0.2, 2034N:54.26E, h25km, ML3.3, Error ellipse: s-maj=2.2km s-min=2.2km az=178.0, IDC 03 15:02:48.7, 1.2, 2651N:54.14E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.4/22, mbtmp3.8/4, Error ellipse: s-maj=61.2km s-min=28.9km az=157.0, NEIC 03 15:02:52.4, 1.2, 2641N:54.30E, h35km, ML3.3(THR), MN3.4(TEH), Error ellipse: s-maj=16.5km s-min=11.4km az=178.0, KISR 03 15:02:52.1, 2720N:54.19E, h24km, ML3.1, ISCJB 03 15:02:53.5, 1.7, 2666N:01:54.07E, 0.04, h53km, 13km, mb3.9/5, Error ellipse: s-maj=23.6km s-min=6.3km az=179.6, ISC 03 15:02:54.8, 1.6, 2666N:01:54.12E, 0.04, h45km, 13km, n26, comp=0.99/36, mb3.9/5, Southern Iran

Table with columns: KSR5 Korea Array 62.08 60 P P 15 13 11.9 +0.9, comp=2.0, 5nm, 0.7s, mb3.8, baz=277, slow=7.0, SNR=4.3, KRSC 03 15:29:23.7, 1.0, 5444N:16089E, h67km, 67km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: DJA 03 16:05:46, 0.75N:96.85E, h29km, ML4.2/6, ISCJB 03 16:05:47.2, 0.7, 0.71N:0.08, 97.1E, 0.1, h33km, mb3.9/12, Error ellipse: s-maj=16.8km s-min=10.9km az=168.0, IDC 03 16:05:47.7, 1.0, 0.61N:96.98E, h25km, 5km, mb3.7/10, mb1 3.8/11, mb1mx3.7/21, mbtmp3.7/11, ML3.3/1, MS3.3/1, MS1 3.3/1, ms1mx2.8/28, Error ellipse: s-maj=31.0km s-min=16.5km az=62.0, NEIC 03 16:05:48.3, 0.5, 0.64N:97.01E, h30km, mb4.3/2, Error ellipse: s-maj=16.5km s-min=9.3km az=62.0, ISC 03 16:05:49.0, 4.0, 0.73N:009.971E, 0.1, h35km, (h26km, 1.9km; p-P), n21, 0.75/20, mb3.9/12, 1C, Northern Sumatra

Table with columns: BUI 03 16:05:53.3, 2300N:10090E, h10km, ML3.9, 1D, Yunnan, KMI Kunming 2.70 38 Op ISC Pn 16 06 40.6 +3.8, KMI KMI 16 06 45.9 +0.8, KMI KMI 16 07 14.4 +4.8, KMI KMI 16 07 21.5 +1.4, KMI comp=N, 155nm, 1.0s Smax, KMI comp=E, 244nm, 1.1s Smax, NANT Nan 4.18 183 P Pn 16 07 01.0 +3.8, CHG Chiang Mai 4.55 204 PG Sg 16 07 24.1 +3.6, CHG 16 08 25.4 +6.0, BDT Bhumibol Dam 6.00 198 P Sg 16 07 50.0 +1.8, BDT Bhumibol Dam 6.00 198 P Sg 16 08 15.0 -1.6, ISCJB 03 16:10:52.4, 1.0, 4463N:007:8203E, 0.08, h10km, Error ellipse: s-maj=11.2km s-min=6.7km az=25.9, BUI 03 16:10:54.0, 4441N:82.19E, h15km, ML3.1, NNC 03 16:10:57.6, 1.6, 4475N:81.74E, h0km, 9km, mb3.5, mpv3.1, Error ellipse: s-maj=14.7km s-min=7.1km az=132.0, ISC 03 16:10:55.4, 1.0, 4461N:007:8209E, 0.08, h10km, n6, 0.93/9, 5C-SD, Northern Xinjiang

Table with columns: az=79.0, NEIC 03 16:13:55.5, 0.6, 5684S:14721E, h10km, mb4.4/2, Error ellipse: s-maj=23.2km s-min=11.9km az=88.0, ISC 03 16:13:55.8, 0.7, 5686S:008:1471E, 0.03, h10km, n20, 0.077/13, mb4.1/8, MS3.5/2, West of Macquarie Island

Table with columns: TTT Taitung 0.07 303 P Pn 16 18 40.9 +1.8, TTT 16 18 43.5 +3.3, TWG Pinglan 0.16 309 P Sg 16 18 42.4 -0.7, ECL Taimali 0.27 243 P Pn 16 18 42.4 -0.4, ECL 16 18 45.3 -0.9, CHKT Chengkung 0.41 21 P Pn 16 18 47.3 +1.8, CHKT 16 18 55.5 +3.6, TAW Tawu 0.46 219 P Sg 16 18 56.4 +0.4, TAW 16 18 53.6 +1.1, EAST Anshuo 0.47 225 P Sg 16 18 46.7 0.0, EAST 16 18 53.4 +0.6, ELDTW Lidau 0.50 339 P Sg 16 18 46.8 -0.6, ELDTW 16 18 42.4 -1.5, SSD Sandimen 0.53 273 P Pn 16 18 46.4 -1.6, SSD 16 18 51.5 -3.4, STYT Tuyuan 0.61 317 P Pn 16 18 48.4 -1.0, STYT 16 18 54.9 -2.4, TWFI Yuli 0.64 7 P Sg 16 18 49.2 -0.7, TWFI 16 18 50.9 +0.8, SCZT Fangliang 0.64 238 P Pn 16 18 49.6 -0.5, SCZT 16 18 57.2 -1.2, SGLT Jiouru 0.66 271 P Sg 16 18 49.4 -1.0, SGLT 16 18 58.5 -0.5, TWMI Shoushan 0.73 278 P Sg 16 18 51.5 -0.3, TWMI 16 18 52.0 -0.7, WTP Tapu 0.76 314 P Pn 16 18 51.8 -0.5, WTP 16 19 01.5 -0.7, CHN1 Nanshi 0.78 307 P Pn 16 18 52.4 -0.3, CHN1 16 19 03.7 +0.8, CHN1 16 19 15.9 -1.0, EHY Hungye 0.79 7 P Sg 16 19 03.2 0.0, YUS Yu-Shan 0.81 343 P Sg 16 18 52.5 -0.6, YUS 16 19 02.4 -1.2, KAU Kaoshiung 0.85 260 P Sg 16 18 54.4 +0.5, KAU 16 19 07.5 +2.6, CHN4 Tsauhsan 0.85 318 P Sg 16 18 54.0 -0.7, CHN4 16 19 05.2 +0.2, TWK1 Hengchun 0.86 206 P Sg 16 18 54.5 +0.4, CHN3 Shinhua 0.86 295 P Sg 16 18 54.9 +0.8, CHN3 16 19 08.0 +2.8, CHN3 16 19 02.2 +0.2, TWK Hsingyin 0.86 310 P Pn 16 18 55.6 +0.2, TSEB Hengchun, Pin 0.86 199 P Sg 16 18 55.9 +1.7, TWP Hsialiuichiu 0.87 245 P Sg 16 18 56.4 +2.1, TWP 16 19 01.1 +4.6, ALS Alishan 0.87 335 P Sg 16 18 53.8 -0.6, ALS 16 19 05.3 -0.4, TAI1 Yung-k'ang 0.96 290 P Sg 16 18 56.7 +0.6, CHN5 Tsauling 1.00 331 P Pn 16 18 56.4 -0.6, CHN5 16 19 09.7 -0.2, CHN5 16 18 57.3 -0.3, SCLT Jiali 1.04 296 P Sg 16 18 57.3 +2.5, CHN2 Minshing 1.06 320 P Sg 16 19 01.7 +0.2, CHN2 16 19 12.6 +1.0, CHY Chiayi 1.06 317 P Sg 16 18 57.6 -0.5, CHY 16 19 12.6 +0.7, ESL Shilin 1.11 11 P Sg 16 18 58.0 -0.9, ESL 16 18 56.5 -2.7, CHN6 Yiju 1.11 304 P Sg 16 18 58.4 -0.7, WKG Gugeng 1.11 328 P Sg 16 18 59.3 +0.6, WKG 16 19 15.3 +1.2, SMLT Sun Moon Lake 1.20 346 P Sg 16 19 00.0 -0.6, SMLT 16 19 17.6 +1.5, TYC Yuchir 1.23 345 P Sg 16 19 00.7 -1.2, TYC 16 19 18.6 +1.6, WNT Mingjian 1.25 337 P Sg 16 19 01.8 +0.1, WNT 16 19 18.7 +0.7, WSF Szu 1.29 315 P Sg 16 19 00.9 -1.5, WSF 16 19 19.1 -0.1, TWD Chiawan 1.40 315 P Sg 16 19 02.5 -1.4, WHF Hehan Shan 1.42 2 P Pn 16 19 02.6 -1.6, WTCT Ta-ch'eng 1.43 323 P Pn 16 19 03.1 -1.2, WTCT 16 19 22.4 -0.9, TWC Taichung 1.51 341 P Sg 16 19 05.3 -0.1, TWC 16 19 07.2 -1.3, TWT Tachien 1.53 359 P Sg 16 19 05.5 +0.1, TWQ1 Lyutian 1.67 346 P Pn 16 19 08.3 +0.6, TWQ1 16 19 31.7 +2.1, NNS Nan Shan 1.72 5 P Sg 16 19 10.6 +2.2, NNS 16 19 32.9 +2.1, NSY Sanyi 1.74 346 P Sg 16 19 10.8 +0.2, NSY 16 19 31.4 +2.8, PNG Penghu 1.74 299 P Sg 16 19 06.0 -2.6, PNG 16 19 27.3 -4.0, ENA Nanau 1.77 16 P Sg 16 19 08.0 -1.1, NSTT Nanjuang 1.92 354 P Sg 16 19 11.3 +0.3, NSTT 16 19 07.2 -1.3, TWC Suao 1.96 4 P Pn 16 19 11.4 -0.2, TWE Neicheng 2.04 12 P Pn 16 19 10.4 -1.4, EGS 2.22 17 P Pn 16 19 13.6 +0.9, EGS 16 19 15.8 +0.6, YOJ Yonaguni jima 2.40 43 P Sg 16 19 17.9 +0.2, YOJ 16 19 42.9 +0.7, YOJ Yonaguni jima 2.40 43 P Sg 16 19 17.7 0.0, HATJ Hateruma jima 2.73 60 P Sg 16 19 22.0 -0.3, HATJ 16 19 54.9 -0.8, IRIF Iriomote-Funau 2.82 55 P Sg 16 19 23.7 +0.2, IRIF 16 19 25.5 -1.4, JKRS Kuro-Shima 2.98 59 P Sg 16 19 25.6 -0.1, JKRS 16 20 02.4 +0.5, JKRS 16 19 27.6 -0.4, JIJ Ishigaki jima 3.15 58 P Sg 16 20 05.6 -0.5, JIJ 16 19 36.1 +0.1, JTJ Tarama 3.73 58 P Sg 16 20 20.6 +0.2, JTJ

Table with columns: ISCJB 03 16:18:37.3, 0.3, 2270N:002:12122E, 0.02, h8km, Error ellipse: s-maj=2.5km s-min=2.0km az=141.9, JMA 03 16:18:37.5, 0.3, 2248N:121.19E, h71km, M2.9, TAP 03 16:18:38.2, 2277N:121.08E, h8km, ML3.5, TAP Feit I J at Sandimen, I J at Taimali, II J at Taitung, II J at

ISCJB 03 16:21:52.1±2.1, 1502S.009±1672E.02, h142km±15km, mb4.0/12, Error ellipse: s-maj=27.9km s-min=8.5km az=151.9

NEIC 03 16:21:52.6±2.4, 1487S±1673E, h141km±21km, mb4.4/4, Error ellipse: s-maj=19.8km s-min=12.9km az=65.0

IDC 03 16:21:53.1±3.9, 1492S±1672E, h143km±32km, mb3.7/10, mb1.3/8.1, mb1mx3.6/20, mbtmp3.8/11, Error ellipse: s-maj=27.4km s-min=17.3km az=64.0

ISC 03 16:21:52.4±1.9, 1497S.009±1672E.02, h131km±14km, n47, c0594/22, mb4.0/12, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

BUJ 03 16:36:17.0, 2286N.10098E, h25km, ML3.8, Myanmar-China border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Myanmar-China border region.

IDC 03 16:48:09.6±53.0, 1601S.17684W, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.8/14, mbtmp4.2/3, Error ellipse: s-maj=996.2km s-min=149.9km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Fiji Islands region.

NIED 03 16:49:00, 3140N.14190E, h5km, Mw3.8 Best double couple: M0=4.30000e+10, NP1=3.30000e+07, δ1=0.00000°, λ119.00000°, NP2=0.1530000e+08, δ3=0.00000°, λ35.00000°

ISCJB 03 16:49:34.9±0.5, 3115N.004±1418E.01, h33km, mb3.7/11, Error ellipse: s-maj=13.1km s-min=4.3km az=158.9

JMA 03 16:49:34.5±0.3, 3142N.14187E, h40km, M3.7

NEIC 03 16:49:37.1±1.4, 3107N.14177E, h40km, 12km, M3.7(JMA), Error ellipse: s-maj=14.6km s-min=8.7km az=86.0

IDC 03 16:49:37.2±1.1, 3109N.14179E, h35km, 32km, mb3.6/11, Mb1.3/8.1, mb1mx3.7/21, mbtmp3.6/14, ML3.6/3, MS3.4/1, Ms1.3/4.1, ms1mx2.6/27, Error ellipse: s-maj=30.0km s-min=13.8km az=74.0

ISC 03 16:49:36.7±1.9, 3113N.004±1418E.01, h33km±14km, n35, c098/45, mb3.7/11, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Southeast of Honshu.

Table with columns: JOD2, Odawara 4.72 332 P Pn, JOD2, Hanno 5.17 336 P S, JHU, Ryogami san 5.45 334 P S, JHO, Hitachi 5.56 349 P Pn, JHO, Ashikaga 5.64 340 P S, JAG, Matsushiro Arr 6.18 332 Pn, MJAR, Matsushiro 6.18 332 Pn, MAJO, Matsushiro 6.18 332 Pn, MAT, Matsushiro 6.18 332 P, MAT, Erimo 10.91 5 ePn, ERM, Erimo 10.91 5 ePn, ASAJ, Ashikawa 12.98 2 Pn, KRSR, Korea Array 13.11 302 Pn, SONM, Songoing Array 31.69 312 P, ZALV, Zalesovo Beam 46.30 317 P, ZALV, Zalesovo Beam 46.30 317 P, MK31, Makanchi Array 47.34 307 P, MKAR, Makanchi Array 47.34 307 P, MKAR, Makanchi Array 47.34 307 P, WRAB, Tennant Creek 51.28 189 eP, WR2, Warrungarra Arr 51.29 189 eP, WBA, Warrungarra Arr 51.29 189 eP, ASAR, Alice Springs 55.01 189 P, INK, Inuvik 59.52 25 eP, YKA, Yellowknife Arr 67.21 333 P, YKA, Yellowknife Arr 67.21 333 P, FINES, FINESS Array B 68.76 29 P, FINES, FINESS Array B 68.76 29 P, FINES, FINESS Array B 68.76 29 P, AKASO, Malin Array B 79.20 323 P, NOA, NORSAR Array B 79.20 323 P, TXAR, Lajitas Array 93.43 53 P

IDC 03 17:13:16.7±2.6, 722S.10318E, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.6/18, mbtmp3.7/6, Error ellipse: s-maj=119.7km s-min=20.3km az=55.0, Southwest of Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Southwest of Sumatera.

CSEM 03 17:48:10.7±0.1, 3265N.4981E, h20km, ML2.5, Error ellipse: s-maj=3.5km s-min=1.4km az=110.0

ISCJB 03 17:48:11.9±3.1, 3259N.005±497E.01, h15km±31km, Error ellipse: s-maj=16.7km s-min=6.1km az=24.2

KISR 03 17:48:11.0, 3255N.5025E, h35km, ML1.9

THR 03 17:48:11.4±0.8, 3273N.4974E, h14km±8km, ML2.5

ISC 03 17:48:10.4±1.3, 3273N.005±4967E.008, h6km±12km, n12, c1927/21, Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Western Iran.

NIED 03 18:07:00, 3010N.13070E, h56km, Mw4.5, Best double couple: M0=5.60000e+10, NP1=1.00000e+09, δ1=0.00000°, λ145.00000°, NP2=3.3510000e+08, δ3=0.00000°, λ35.1520000°

MOS 03 18:07:13.8±0.9, 3015N.13054E, h33km, mb5.0/30, Error ellipse: s-maj=9.9km s-min=5.5km az=111.3

SZGRF 03 18:07:15.0, 3041N.13159E, h33km, mb5.2, Kyushu, Japan

JMA 03 18:07:17.6, 3009N.13067E, h60km±1km, M4.3

JMA Felt II J1

IDC 03 18:07:17.9±1.7, 3008N.13048E, h58km±15km, mb4.2/14, mb1.4/4.18, mb1mx4.3/23, mbtmp4.3/18, MS3.5/10, Ms1.3/5.10, ms1mx3.3/23, Error ellipse: s-maj=18.2km s-min=11.2km az=85.0

BUJ 03 18:07:18.0, 2992N.13062E, h63km, mb4.7, mb4.5, Ms4.0, M3.6

ISCJB 03 18:07:18.7±0.4, 3019N.003±13050E.003, h67km±2km, mb4.7/8.1, Error ellipse: s-maj=5.0km s-min=3.6km az=162.1

NEIC 03 18:07:18.5±0.7, 3007N.13057E, h63km±6km, mb4.7/40, Mw4.5(NIED), Error ellipse: s-maj=6.4km s-min=5.4km

az=154.0

NEIC Recorded [2 JMA] on Tanaga-shima and Yaku-shima; [1 JMA] on Nakano-shima. Also recorded [1 JMA] in Kagoshima Prefecture.

ISC 03 18:07:19.2±0.4, 3016N.003±13054E.003, h60km±2km, h77km±8km; pP-P, n335, c096/349, mb4.8/8.1, MS3.8/15, 74C-53D, Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for Kyushu region.

IDC 03 18:07:19.2±0.4, 3016N.003±13054E.003, h60km±2km, h77km±8km; pP-P, n335, c096/349, mb4.8/8.1, MS3.8/15, 74C-53D, Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations for various regions including Kyushu, Sumatera, and others.

3d 18h

2007 JUN

QIZ	comp=Z,510nm,16.9s,MS4.0	P	P	18 12 06.5 +0.2
QIZ	Qiongzhong	S	LR	18 16 03.5 -0.6
QIZ	comp=N,180nm,16.6s	LR	LR	
QIZ	comp=Z,173nm,16.6s,MS3.5	LR	LR	
CD2	Chengdu	23.07 279	eP	P
CD2			AP	18 12 20.2 +0.6
CD2			XP	18 12 35.2
CD2			PP	18 12 44.2 +3.8
CD2			S	18 16 21.1 -4.9
CD2			XS	18 16 45.4 -4.9
CD2			SS	18 17 10.9
CD2	comp=Z,40nm,0.6s,mb5.0	AMB	AMB	
CD2	comp=Z,120nm,4.8s	AMB	AMB	
CD2	comp=N,250nm,20.4s	LR	LR	
CD2	comp=Z,120nm,4.8s	LR	LR	
LZH	comp=Z,150nm,10.8s	LR	LR	
LZH	Lanzhou	23.09 292	eP	P
LZH			AP	18 12 20.0 +0.2
LZH			XP	18 12 34.4
LZH			AMB	18 12 43.7 +3.1
LZH	comp=Z,30nm,1.4s,mb4.5	AMB	AMB	
LZH	comp=Z,110nm,4.0s	LR	LR	
LZH	comp=E,210nm,9.0s	LR	LR	
LZH	comp=Z,366nm,10.7s,MS4.1	LR	LR	
KMI	Kunming	25.10 265	eP	P
KMI			pP	18 12 38.6 +0.2
KMI			AP	18 12 55.3 +2.3
KMI			XP	18 13 04.5 +4.4
KMI	comp=Z,9.0nm,0.6s,mb4.5	AMB	AMB	
SOM	Songino Array	25.60 320	eP	P
SOM			P	18 12 42.2 -0.4
SOM	comp=Z,12nm,0.6s,mb4.9,baz=131,slow=8.6,SNR=74	LR	LR	18 16 11.9 -0.2
SOM	comp=Z,0.4nm,0.5s,baz=126,slow=2.3,SNR=4.2	LR	LR	18 23 57.7
SOM	comp=Z,119nm,18.5s,MS3.5,baz=150,slow=39	LR	LR	18 12 42.2 -0.4
SOM	Songino Array	25.60 320	eP	P
SOM			P	18 16 11.9
SOM	comp=Z,12nm,0.6s	MLR	MLR	
SOM	comp=Z,119nm,18.5s	MLR	MLR	
KDM	Kudat	26.47 212	eP	P
GTA	Gaotai	26.77 298	eP	P
GTA			AP	18 12 55.4 +4.6
GTA			pP	18 12 54.9 +1.6
GTA			XP	18 13 12.4 +4.4
GTA			PP	18 13 21.1 +6.0
GTA			PCP	18 13 40.0
GTA			S	18 16 15.7 +0.7
GTA			XS	18 17 22.4 -2.5
GTA			S	18 17 51.7 +1.7
GTA			SCP	18 19 50.6 +0.6
GTA			PCS	18 19 55.8 -0.5
GTA	comp=Z,4.0nm,0.8s,mb4.0	AMB	AMB	
GTA	comp=Z,82nm,6.5s	LR	LR	
GTA	comp=N,87nm,14.8s,MS3.5	LR	LR	
GTA	comp=E,58nm,14.8s,MS3.5	LR	LR	
GTA	comp=Z,100nm,13.3s,MS3.5	LR	LR	
MYLDM	Lahad Datu	27.32 207	eP	P
KKM	Kota Kinabalu	27.52 212	eP	P
TSM	Tawau	28.38 207	eP	P
ZAK	Zakamensk	28.73 322	eP	P
ZAK			pmax	18 13 08.6 -2.1
ZAK	comp=Z,5.0nm,1.2s,mb4.1	pmax	pmax	
TLY	Talaya	29.30 325	iP	P
TLY			eP	18 13 16.4 +0.7
TLY	comp=Z,10.0nm,0.7s,mb4.7	pmax	pmax	
TLY	Talaya	29.30 325	eP	P
TLY			eP	18 13 16.7 +1.0
TLY	comp=Z,6.6nm,0.6s,mb4.5	pmax	pmax	
MOY	Mondy	30.64 323	eP	P
YAK	Yakutsk	31.88 359	iP	P
YAK			eP	18 13 28.1 +0.5
YAK	comp=Z,9.0nm,0.7s,mb4.7	pmax	pmax	18 13 36.2 -2.2
LSA	Lhasa	34.03 279	eP	P
LSA			pmax	18 13 58.6 +1.1
LSA	comp=Z,3.0nm,0.7s,mb4.3	pmax	pmax	
LSA	Lhasa	34.03 279	eP	P
LSA			pmax	18 13 58.6 +1.1
KSM	Kuching	34.40 218	eP	P
WMQ	Urumqi	36.43 304	eP	P
WMQ			AP	18 14 01.0 +0.2
WMQ			pP	18 14 18.9 +0.9
WMQ			XP	18 14 37.1 +4.1
WMQ			PP	18 14 46.1 +6.0
WMQ			PCP	18 15 44.5 +2.7
WMQ			S	18 16 42.1 +1.1
WMQ			ScP	18 19 54.2 -1.1
WMQ			S	18 20 20.7 -1.7
WMQ			sS	18 21 35.4 +4.5
WMQ			SCS	18 24 25.6 -3.1
WMQ	comp=Z,13nm,1.2s,mb4.7	AMB	AMB	
WMQ	comp=Z,126nm,5.8s	LR	LR	
WMQ	comp=N,688nm,16.8s,MS4.6	LR	LR	
WMQ	comp=E,547nm,15.3s,MS4.6	LR	LR	
WMQ	comp=Z,904nm,17.3s,MS4.6	LR	LR	
IPM	Ipooh	37.80 233	eP	P
JIRN	Jiri	38.73 278	eP	P
JIRN			eP	18 14 30.8 +0.9
JIRN	comp=Z,35nm,0.4s,mb4.5	pmax	pmax	18 14 38.3 +1.0
GUN	Gumba	38.93 278	eP	P
GUN			eP	18 14 44.1 +0.8
GUN	comp=Z,22nm,0.4s,mb5.2	pmax	pmax	18 14 44.1 +0.7
GUN	Phuochok	39.43 278	eP	P
GUN			eP	18 14 44.1 +0.7
GUN	comp=Z,24nm,0.4s,mb5.2	pmax	pmax	18 14 44.3 +0.5
KKN	Kakani	39.47 278	eP	P
KKN			eP	18 14 44.3 +0.5
KKN	comp=Z,42nm,0.5s,mb5.4	pmax	pmax	18 14 45.3 -0.1
DAMN	Daman	39.67 278	eP	P
DAMN			eP	18 14 48.1 +0.2
DAMN	comp=Z,12nm,0.5s,mb4.9	pmax	pmax	18 14 48.1 +0.2
GMK	Gorkha	39.97 279	eP	P
GMK			eP	18 14 48.1 +0.2
GMK	comp=Z,2.7nm,0.4s,mb4.3	pmax	pmax	18 14 51.6 -0.2
ZALV	Zalesovo Beam	40.48 319	eP	P
ZALV			eP	18 16 52.4 -1.0
ZALV	comp=Z,6.0nm,0.5s,mb4.6,slow=105,slow=8.4,SNR=31	LR	LR	18 32 18.1
ZALV	comp=Z,1.1nm,0.6s,baz=100,slow=5.0,SNR=5.6	LR	LR	18 14 51.6 -0.3
ZALV	comp=Z,34nm,19.8s,MS3.2,baz=170,slow=37	LR	LR	18 16 52.4
ZAL	Zalesovo	40.49 319	eP	P
ZAL			eP	18 14 53.1 +0.3
MK31	Makanchi Array	40.59 308	eP	P
MK31			pmax	18 14 52.2 -0.5
MK31	comp=Z,13nm,0.4s,mb4.9	pmax	pmax	18 14 52.1 -0.6
MK31	Makanchi Array	40.59 308	eP	P
MK31			eP	18 16 53.2 -0.7
MK31	comp=Z,17nm,0.5s,mb4.9,baz=92,slow=10,SNR=258	pmax	pmax	18 31 40.8
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.1 -0.7
MKAR	comp=Z,2.1nm,0.8s,baz=100,slow=5.0,SNR=4	pmax	pmax	18 16 53.2
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			pmax	18 16 53.2
MKAR	comp=Z,17nm,0.5s	pmax	pmax	
MKAR	comp=Z,2.0nm,0.9s	pmax	pmax	
MKAR	comp=Z,63nm,18.1s,MS3.5,baz=94,slow=36	MLR	MLR	
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			P	18 14 52.1 -0.6
MKAR	comp=Z,42nm,0.5s,mb5.4	pmax	pmax	18 16 53.2 -0.7
MKAR	Daman	39.67 278	eP	P
MKAR			LR	18 31 40.8
MKAR	Gorkha	39.97 279	eP	P
MKAR			P	18 14 51.6 -0.3
MKAR	comp=Z,2.7nm,0.4s,mb4.3	pmax	pmax	18 14 52.1 -0.7
MKAR	Zalesovo Beam	40.48 319	eP	P
MKAR			eP	18 16 52.4 -1.0
MKAR	comp=Z,6.0nm,0.5s,mb4.6,slow=105,slow=8.4,SNR=31	LR	LR	18 32 18.1
MKAR	comp=Z,1.1nm,0.6s,baz=100,slow=5.0,SNR=5.6	LR	LR	18 14 51.6 -0.3
MKAR	comp=Z,34nm,19.8s,MS3.2,baz=170,slow=37	LR	LR	18 16 52.4
MKAR	Zalesovo	40.49 319	eP	P
MKAR			eP	18 14 51.6 -0.3
MKAR	comp=Z,13nm,1.2s,mb4.7	AMB	AMB	
MKAR	comp=Z,126nm,5.8s	LR	LR	
MKAR	comp=N,688nm,16.8s,MS4.6	LR	LR	
MKAR	comp=E,547nm,15.3s,MS4.6	LR	LR	
MKAR	comp=Z,904nm,17.3s,MS4.6	LR	LR	
MKAR	comp=Z,13nm,0.4s,mb4.9	pmax	pmax	
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.2 -0.5
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.1 -0.6
MKAR	comp=Z,17nm,0.5s,mb4.9,baz=92,slow=10,SNR=258	pmax	pmax	18 16 53.2 -0.7
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 16 53.2
MKAR	comp=Z,2.1nm,0.8s,baz=100,slow=5.0,SNR=4	pmax	pmax	18 31 40.8
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.1 -0.7
MKAR	comp=Z,17nm,0.5s	pmax	pmax	
MKAR	comp=Z,2.0nm,0.9s	pmax	pmax	
MKAR	comp=Z,63nm,18.1s,MS3.5,baz=94,slow=36	MLR	MLR	
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			P	18 14 52.1 -0.6
MKAR	comp=Z,42nm,0.5s,mb5.4	pmax	pmax	18 16 53.2 -0.7
MKAR	Daman	39.67 278	eP	P
MKAR			LR	18 31 40.8
MKAR	Gorkha	39.97 279	eP	P
MKAR			P	18 14 51.6 -0.3
MKAR	comp=Z,2.7nm,0.4s,mb4.3	pmax	pmax	18 14 52.1 -0.7
MKAR	Zalesovo Beam	40.48 319	eP	P
MKAR			eP	18 16 52.4 -1.0
MKAR	comp=Z,6.0nm,0.5s,mb4.6,slow=105,slow=8.4,SNR=31	LR	LR	18 32 18.1
MKAR	comp=Z,1.1nm,0.6s,baz=100,slow=5.0,SNR=5.6	LR	LR	18 14 51.6 -0.3
MKAR	comp=Z,34nm,19.8s,MS3.2,baz=170,slow=37	LR	LR	18 16 52.4
MKAR	Zalesovo	40.49 319	eP	P
MKAR			eP	18 14 51.6 -0.3
MKAR	comp=Z,13nm,1.2s,mb4.7	AMB	AMB	
MKAR	comp=Z,126nm,5.8s	LR	LR	
MKAR	comp=N,688nm,16.8s,MS4.6	LR	LR	
MKAR	comp=E,547nm,15.3s,MS4.6	LR	LR	
MKAR	comp=Z,904nm,17.3s,MS4.6	LR	LR	
MKAR	comp=Z,13nm,0.4s,mb4.9	pmax	pmax	
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.2 -0.5
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.1 -0.6
MKAR	comp=Z,17nm,0.5s,mb4.9,baz=92,slow=10,SNR=258	pmax	pmax	18 16 53.2 -0.7
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 16 53.2
MKAR	comp=Z,2.1nm,0.8s,baz=100,slow=5.0,SNR=4	pmax	pmax	18 31 40.8
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			eP	18 14 52.1 -0.7
MKAR	comp=Z,17nm,0.5s	pmax	pmax	
MKAR	comp=Z,2.0nm,0.9s	pmax	pmax	
MKAR	comp=Z,63nm,18.1s,MS3.5,baz=94,slow=36	MLR	MLR	
MKAR	Makanchi Array	40.59 308	eP	P
MKAR			P	18 14 52.1 -0.6
MKAR	comp=Z,42nm,0.5s,mb5.4	pmax	pmax	18 16 53.2 -0.7
MKAR	Daman	39.67 278	eP	P
MKAR			LR	18 31 40.8
MKAR	Gorkha	39.97 279	eP	P
MKAR			P	18 14 51.6 -0.3
MKAR	comp=Z,2.7nm,0.4s,mb4.3	pmax	pmax	18 14 52.1 -0.7
MKAR	Zalesovo Beam	40.48 319	eP	P
MKAR			eP	18 16 52.4 -1.0
MKAR	comp=Z,6.0nm,0.5s,mb4.6,slow=105,slow=8.4,SNR=31	LR	LR	18 32 18.1
MKAR	comp=Z,1.1nm,0.6s,baz=100,slow=5.0,SNR=5.6	LR	LR	18 14 51.6 -0.3
MKAR	comp=Z,34nm,19.8s,MS3.2,baz=170,slow=37	LR	LR	18 16 52.4

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R, Az, El, P, R. Includes entries like M05C Lookout, D12A Red Ives Forest, C13A Hot Springs, etc.

Table with columns: RSSD, Name, Az, El, P, R, Az, El, P, R. Includes entries like Black Hills, T15A Red Hill Ranch, V14A Boquillas Ranc, etc.

Table with columns: AKLV, Name, Az, El, P, R, Az, El, P, R. Includes entries like Akutan Long Va, AKLV Akutan, AKGK Akutan Green G, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Klokotos Trika, NEOKhori, Xorichiti, etc.

IDC 03 21:42:32.5:7.1, 3706N:7590E, h75km, mb3.0, mb3.4/5, mb1 3.5/9, mb1mx3.3/24, mbmp3.4/9, ML3.8/4, Error ellipse: s-maj=49.1km s-min=3.1km az=177.0

ISC/BJ 03 21:42:34.3:0.5, 3717N:003:76.17E:007, h111km, g8km, mb3.0/6, Error ellipse: s-maj=9.0km s-min=4.5km az=171.6

BJJ 03 21:42:38.1, 3761N:7674E, h15km, mb4.0, ML3.7

ISC 03 21:42:35.3:0.4, 3717N:003:76.20E:007, h106km, g8km, n35, e1541/47, mb3.6/2, C2-1D, Southern Xinjiang

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kashi, Chirah Chowk, DHP, etc.

MDD 03 22:13:30.7:0.7, 3655N:975W, h30km, mblg3.4/43, Error ellipse: s-maj=7.5km s-min=4.9km az=82.0, PRXIMO CNRM 03 22:13:30.1, 3649N:985W, h30km, MD3.4

LDG 03 22:13:31.0:0.3, 3667N:959W, h10km, M3.6/5, Error ellipse: s-maj=6.3km s-min=3.2km az=42.0

NEIC 03 22:13:31.3, 3660N:972W, h30km, MN3.5(MDD), After MDD.

CSEM 03 22:13:32.6:0.3, 3648N:925W, h25km, ML4.3/10, Error ellipse: s-maj=6.2km s-min=3.6km az=55.0

INMG 03 22:13:32.0:0.8, 3663N:964W, h19km, g3km, MD2.6, ML3.0, 11C, Err of Gibraltar s-maj=3.2km s-min=1.9km az=56.0

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

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBDV, PBDV, PBDV, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EQU, EQU, EQU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EALK, SJPF, Ste Jean, etc.

ISCJB 03 22:15:54.1±0.9, 3794N,004.42359E,005, h11km,8km, Error ellipse: s-maj=7.9km s-min=5.3km az=44.3, NEIC 03 22:15:54.0, 3790N,2360E,h20km,ML2.5(ATH), After ATH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATH, KVR, Naisos, etc.

CSEM 03 22:15:52.0±0.1, 3991N,4165E, h40km, MD3.0, Error ellipse: s-maj=2.2km s-min=1.6km az=160.0, ISK 03 22:15:52.0, 3992N,4165E, h52km, MD3.0, ISK 03 22:15:54.0±0.6, 4002N,004.4187E,005, h18km,5km, Error ellipse: s-maj=7.2km s-min=5.6km az=152.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOMI, ERZM, Erzurum, etc.

ISC 03 22:15:54.0±0.6, 4003N,004.4187E,005, h16km,3km, n12, e081/20, Turkey, ID 03 22:24:02.5±0.1, 3124S,17783W, h0km, mb4.0/4, mb1 4.3/5, mb1mx3.9/14, mbmtpp4.0/5, ML4.2/1, Error ellipse: s-maj=30.4km s-min=22.0km az=120.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, Raoul Island, CTA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG, Malin Array, TORO, etc.

IDC 03 22:40:57.4±14.0, 2147N,14563E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/19, mbmtpp3.5/3, Error ellipse: s-maj=754.3km s-min=152.7km az=64.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSR, Korea Array, SONM, etc.

PRE 03 22:58:24.2±1.4, 3019S,2857E, h5km, ML3.7, South Africa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HVD, Gariep Dam, PRYS, etc.

FUNV 03 23:00:44.9, 1029N,6032W, h31km, MW3.5, 1D, Trinidad

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUIV, Guirao, CRUV, etc.

NEIC 03 23:01:51.5, 2856S,7064W, h47km, MG3.9(GUC), After GUC.

GUC 03 23:01:51.5±0.5, 2856S,7064W, h47km, ML3.9, 2D, Central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VACH, Vallendar, VACH, etc.

ISCJB 03 23:09:23.5±3.3, 105N,100J,1264E,01, h42km,30km, mb4.1/14, Error ellipse: s-maj=27.1km s-min=11.4km az=154.2

NEIC 03 23:09:25.2±1.6, 108N,1264E, h42km±15km, mb4.5/6, Error ellipse: s-maj=15.9km s-min=6.5km az=60.0

DJA 03 23:09:25.0±5.5, 1263N,1263E, h53km, ML4.2/4, IDC 03 23:09:26.9±4.4, 102N,1263E, h54km±43km, mb3.6/9, ID 03 23:09:26.9±4.4, 102N,1263E, h54km±43km, mb3.6/9, Error ellipse: s-maj=39.9km s-min=15.2km az=74.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAPI, Kakkadu, KAKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK, ARU, Vanda, etc.

IDC 03 23:12:22.0±10.0, 2172N,14296E, h119km,95km, mb3.3/9, mb1 3.4/9, mb1mx3.4/19, mbmtpp3.3/9, Error ellipse: s-maj=40.2km s-min=16.8km az=79.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSR, Korea Array, SONM, WRA, etc.

ISCJB 03 23:17:37.5±0.5, 4196N,002-2488E,003, h2km,4km, Error ellipse: s-maj=3.9km s-min=3.6km az=149.6, CSEM 03 23:17:38.9±0.1, 4191N,2473E, h2km, ML3.0, Error ellipse: s-maj=1.8km s-min=1.3km az=68.0, NEIC 03 23:17:39.9, 4187N,2479E, h25km, MD3.3(ATH), After ATH.

ATH 03 23:17:39.9, 4187N,2479E, h25km,2km, MD3.3/4, THE 03 23:17:39.9, 4198N,2485E, h10km, ML3.0, BEO 03 23:17:43.2±1.9, 4219N,2477E, h2km,3km, ML2.4/2, ISK 03 23:17:43.0±4.0, 4197N,002-2487E,003, h6km,4km, n29, e081/46, 3C-2D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLD, Plovdiv, RDO, etc.

ISCJB 03 23:16:50.6±0.6, 2187N,100J,143.1E,02, h33km, mb4.0/11, MS3.3/3, Error ellipse: s-maj=24.5km s-min=9.0km az=171.9

NEIC 03 23:16:50.6±0.5, 2190N,143.15E, h35km, mb4.3/2, Error ellipse: s-maj=19.9km s-min=8.1km az=81.0, IDC 03 23:30:34.3±8.4, 2177N,14285E, h181km±80km, mb3.3/9, mb1 3.5/9, mb1mx3.5/19, mbmtpp3.3/9, MS3.5/4, Ms1 3.5/4, ms1mx3.1/13, Error ellipse: s-maj=34.1km s-min=15.0km az=82.0

ISC 03 23:30:15.1±6.2, 2190N,007,1432E,02, h10km,40km, n26, e089/22, mb4.0/11, MS3.3/3, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUM, Guam, JOW, etc.

4d 1h

1.2m,0.9s,mb3.9,baz=261,slow=5.9,SNR=8.1
LPAZ La Paz 149.95 85 PKPab PKPab 23 50 13.2 +0.9

IDC 03 23:31:33.2,8.6, 2127N,14292E,h188km,82km,mb3.3/9,
ms1.3,5/9,mb1mx3.4,19,mbtmp3.3/9,MS3.2/1,Ms1.3,2/1,
ms1mx2.9/8,Error ellipse: s-maj=37.7km s-min=15.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Korea Array, Songino Array, Waramunga Arr, Alice Springs, Zalesovo Beam, etc.

WEL 03 23:36:24.4,0.5,3741S,-17679E,h247km,4km,ML3.5/11,
Error ellipse: s-maj=7.2km s-min=6.5km az=90.0,North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matawai, Puketiti, Kokohu, Black Stump Fm, etc.

IDC 03 23:42:41.2,4.0,3755N,2830E,h0km,mb3.7/2,mb1.3/8.4,
mb1mx3.4/2,mbtmp3.6/4,ML3.5/2,Error ellipse:

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

IDC 03 23:42:46.3,0.2,3786N,2700E,h7km,MD3.6,ML3.7
CSEM 03 23:42:45.7,0.0,3787N,-2712E,h5km,ML3.8,Error ellipse:

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

IDC 03 23:42:46.4,0.4,3787N,2700E,h10km,3km,n181,
+1502/210,mb3.7/2,17-CD,Turkey

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

2007 JUN

PTL Penteli 2.56 275 ePN Pn 23 43 28.4 -0.6

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

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

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

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

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

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

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

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

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AAK Ala-Archa 7.03 23 P Pn 23 53 11.6 +0.4

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

4d 2h

Table of seismic data for the 4d 2h period, listing station names, coordinates, and magnitudes.

2007 JUN

Main table of seismic data for 2007 JUN, listing station names, coordinates, and magnitudes.

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Table of seismic data for the 92nd period, listing station names, coordinates, and magnitudes.

Table of meteorological data for stations in the South Sandwich Islands region. Columns include Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and ISC. Rows list various stations like MJAR, KRSR, SOMM, and others with their respective parameters.

ISCJB 04 02:53:28.8.0.6.4052N:003:2101E:006, h10km, Error ellipse: s-maj=7.1km s-min=4.1km az=62.0
CSEM 04 02:53:31.4.0.3.4043N:2102E, h51km,4km, MD3.3, Error ellipse: s-maj=4.7km s-min=4.1km az=156.0
ATH 04 02:53:32.1.4033N:2100E, h59km,3km, MD3.4
ISC 04 02:53:30.5.0.9.4058N:005:2095E:007, h32km,11km, n11, r142/17, Greece-Albania border region

2007 JUN
Error ellipse: s-maj=7.8km s-min=6.0km az=223.0
GCMT 04 03:06:59.0.0.2.5604S:2736W, h124km, 1km, MW:5.2/78, Moment tensor solution, s63,c81; s78,c16; Duration: 1s0
Moment tensor: Scale 10^10Nm; Mr:0.70z:0.2; Mo:0.75z:0.2; Mw:0.05z:0.2; Mn:0.18z:0.2; Mo:0.33z:0.2; Ms:0.14z:0.2; Best double couple: Mo:0.82500x10^17 NP1:ps127.00000; s43.00000; lambda:1.16.00000. NP2: ps273.00000; s52.00000; lambda:67.00000. Principal axes: T 0.7700, P1g72.0000, Azm123.0000; N 0.1090, P1g19.0000; Azm287.0000; P -0.8800, P1g5.0000; Azm19.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Table of meteorological data for stations in the South Sandwich Islands region. Columns include Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and ISC. Rows list various stations like HOPE, VNA1, SNA1, etc.

Table of meteorological data for stations in the South Sandwich Islands region. Columns include Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and ISC. Rows list various stations like ATAH, LIC, KIC, TIC, DBIC, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Y13A Salome, X14A Yava, U18A Rough Rock, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Q10A Clear Creek Ra, M15A Larsen Ranch, NB2 NORSAR Subarrat20, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like K09A Rome, HOPS Hoiland, I11A Placerville, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MATI, DMPH, KCP, BIPH, etc.

ISCJB 04:04:13:55.6,0.3,5069N-022.630E-003, h10km, Error ellipse: s-maj=2.7km s-min=2.2km az=32.3

NEIC 04:04:13:56.8,5080N-628E, h12km, ML2.8(LDG), After LDG.

UNC 04:04:13:56.8,0.2,5081N-627E, h17km, ML2.0

BCC 04:04:13:56.9,0.8,5082N-629E, h14km,6km, ML2.1

CSEM 04:04:13:56.5,0.1,5081N-628E, h12km, ML2.8/13, Error ellipse: s-maj=1.5km s-min=1.2km az=134.0

LDG 04:04:13:56.8,0.1,5080N-628E, h12km, Md3.0/2, MI2.8/16, Error ellipse: s-maj=1.4km s-min=1.2km az=136.0

ISC 04:04:13:56.3,0.3,5075N-002.626E-003, h10km, n62, 01523/122,7C-6D,Germany

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DREG, KLL, JUE, HGN, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GIVF, DOUR, WTSB, etc.

MAN 04:04:32:04,1539N-12131E, h9km, mb4.4, ML3.3, MS3.1, 7C-1D, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PCPH, BALP, NPB, etc.

MAN 04:04:32:04,1539N-12131E, h9km, mb4.4, ML3.3, MS3.1, 7C-1D, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PCPH, BALP, NPB, etc.

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

ISCJB 04:04:33:53.6,0.3,3607N-003.13989E-004, h61km,2km, mb4.6/42, Error ellipse: s-maj=5.5km s-min=4.2km az=9.2

IDC 04:04:33:55.2,1.1,3599N-13981E, h61km,10km, mb4.1/18, mb1.4/2.21, mb1mx4.2/2.5, mbtmp4.1/21, MS3.6/11, Ms1 3.6/11, ms1mx3.3/28, Error ellipse: s-maj=13.0km s-min=7.1km az=64.0

NEIC 04:04:33:55.0,3609N-13986E, h48km, mb4.8/17, MW4.3(NIED), After JMA.

NEIC Recorded [3 JMA] in Gumma, Saitama and Tochigi; [2 JMA] in Fukushima and Ibaraki; [1 JMA] in Chiba, Kanagawa, Tokyo and Yamaguchi Prefectures.

JMA 04:04:33:55.0,0.1,3609N-13986E, h48km,1km, M4.4 Broadband fault plane solution: P waves. NP1: 238.00000°, 8.16.00000°, 8.95.00000°. NP2: 238.00000°, 8.74.00000°, 8.89.00000°. Principal axes: T P1g61.00000°, Azm321.00000°; N P1g1.00000°, Azm53.00000°; P P1g29.00000°; Azm144.00000°.

JMA Felt III J1. NIED 04:04:34:00,3610N-13990E, h53km, Mw4.4 Best double couple: Ms3.81000x1015 NP1: 238.00000°, 8.67.00000°, 7.82.00000°. NP2: 250.00000°, 8.24.00000°, 7.107.00000°.

ISC 04:04:33:54.7,0.3,3606N-002.13967E-004, h53km,2km, n128, 0093/134, mb4.6/42, MS3.6/11, 6C-6D, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JYT, JAG, JRY, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CD2, ISCO, SYO, PHWY, JCT, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CSS, ROTZ, GZR, GRI, GRI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like IAFJ, IAFJ, IAFJ, etc.

Code Station Name Az El Phase ID Time Res h m s ISC

Table with columns: ITM, AGG, LTK, LKR, DID, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes entries for Agios Georgios, Loutrakis, Lokris, and Didima.

NEIC 04 08:12:36.1±1.0, 8.56S±1.2805E, h25km, Error ellipse: s-maj=176.0km s-min=12.7km az=64.0

ICD 04 08:12:32.5±1.3, 8.75S±1.2751E, h0km, mb3.8/3, mb1 4.1/5, mb1mx3.8/14, mbtmp3.9/5, Error ellipse: s-maj=232.4km s-min=23.3km az=62.0, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes entries for WRA, WB2, ASAR, ASAR, STKA, MKAR, ZALV.

ISCJB 04 08:15:07.2±0.2, 3.485N±0.011, 119.23W±0.02, h10km, Error ellipse: s-maj=2.2km s-min=1.5km az=44.8

NEIC 04 08:15:09.2, 3.488N±1.1923W, h13km, ML3.7(PAS), After PAS.

NEIC Fell in the Castaño-Frazier Park-Valecia area. ISC 04 08:15:08.6±0.4, 3.485N±0.011, 119.24W±0.02, h16km±2km, n86, ±0.75/14.1, 63C-49D, Southern California

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Lists numerous stations including ARVC, PKM, OSI, SBC, BLG, SMCC, BSC, DECC, VES, ISA, EDW2, PTRM, V05C, FMP, LRM, BFSC, RCTC, RCTO, PKD, V04C, CIS, U05C, HELL, RRR, RRX, CWC, MPMC, SCI, U04C, U04C, V03C, BBRC, GSC, GSC, MURC, MURC, T06C, T06C, T05C, T05C.

Main table with columns: TIN, HEC, HAST, KCC, KCC, FJUR, FJUR, SAO, PFO, PFO, GRAC, S05C, S05C, 109C, 109C, PACP, S08C, S08C, MLAC, BELC, BELC, U10A, GMRC, MONP, MONP, S06C, S04C, TPNV, R07C, R07C, V11A, S09A, CMB, CMB, BC3, BC3, DVTC, WENL, IRM, IRM, JRSC, R04C, R06C, V12A, V12A, NEE2, Y12C, GLA, GLA, Q04C, Q04C, CVS, Q03C, M03C, W13A, WCN, X13A, NSHM, Y13A, MNRC, OHCM, 113A, V14A, HOPS, Y14A, X14A, Y15A, X15A, V15A, U15A, 115A, Y16A, Y17A.

KRSC 04 08:27.08±1.2, 4.948N±1.5677E, h10km±10km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes entries for ALID, RUS, RUS, AVH, SPN, GNL, MKZ.

NEIC 04 08:31:51.9±1.4, 2.531N±0.9474E, h81km±27km, Error ellipse: s-maj=36.7km s-min=9.7km az=215.0

Ms 1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=52.3km s-min=15.6km az=52.0

ISCJB 04 08:31:52.8±0.6, 2.496N±0.008, 94.42E±0.05, h125km±6km, mb3.9/10, Error ellipse: s-maj=14.2km s-min=6.0km az=21.0

ISC 04 08:31:53.6±0.7, 2.508N±0.010, 94.50E±0.07, h109km±7km, n28, ±1909/37, mb3.9/10, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Lists numerous stations including IMphal, SHL, SHL, CHIANG, JIRN, JIRN, BOK, BOK, BOK, GUN, GUN, PKI, PKI, PKIN, KKN, KKN, DMN, DMN, GKN, GKN, KOLN, KOLN, DANN, DANN, BLS, BLS, BLS, BHPL, BHPL, BHPL, MKAR, MKAR, SONM, ZALV, AKASG, AKASG, AKASG, FINES, FINES, WRA, WRA, ARCES, ARCES, ASAR, NB2, NB2, NOA, NOA, TORO, TORO, TXAR, TXAR.

NEIC 04 08:27.27±1.0, 7.718S±1.5569E, h10km, Error ellipse: s-maj=20.7km s-min=14.8km az=206.0

ISCJB 04 08:27.33±1.5, 7.45S±0.2, 156.0E±0.2, h83km±55km, mb3.8/5, Error ellipse: s-maj=46.0km s-min=24.5km az=148.3

ICD 04 08:27.38±0.4, 5.757S±1.5611E, h124km±51km, mb3.7/5, mb1 3.7/6, mb1mx3.5/14, mbtmp3.7/6, MS3.1/2, Ms 1 3.1/2, ms1mx2.8/20, Error ellipse: s-maj=42.1km s-min=24.7km az=135.0

ISC 04 08:27.34±0.5, 7.45S±0.3, 155.9E±0.2, h80km±57km, n9, ±0.50/10, mb3.8/5, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Lists numerous stations including HNR, HNR, HNR, HNR, CTA, WRA, WRA, ASAR, SONM, MKAR, MKAR, ZALV, ZALV.

NEIC 04 08:28.9, 3.851N±1.2275W, h4km, MD2.9(NCEDC), After NCEDC.

NEIC Fell [IV] at Fulton and Santa Rosa; [III] at Graton and Windsor; [II] at Sebastopol. Also fell at Forestville and Pataluma.

ISCJB 04 08:28.2±0.4, 3.849N±0.02, 122.69W±0.03, h17km±6km, Error ellipse: s-maj=4.6km s-min=3.3km az=4.0

ISC 04 08:28.2±1.0, 3.851N±0.02, 122.69W±0.03, h17km±3km, n37, ±0.78/53, 19C-16D, Northern California

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Lists numerous stations including NSHM, CVS, M03C, M03C, M03C, MNRC, MNRC, Q03C, HOPS, HOPS, HOPS, FARB.

Table of station data for codes FARB to PKD, including station names, coordinates, and operational details.

IDC 04 08:59:38.0.48.0, 1537S, 17085W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, Error ellipse: s-maj=939.7km s-min=192.2km az=80.0, Samoa Islands region

Table for station codes STKA, WRA, and ASAR, listing station names and coordinates.

DDA 04 09:05:28.5, 3725N, 2807E, h4km, 38km, MD3.1 ISCJ 04 09:05:28.9, 3738N, 2783E, h7km, MD2.8

CSEM 04 09:05:29.1, 0.1, 3734N, 2785E, h5km, MD2.8, Error ellipse: s-maj=2.8km s-min=1.9km az=168.0

Table for station codes MLSB, YER, BDRM, BODT, SMG, DALT, DENT, ARG, ELBC, FETY, UURL, AKHS, AKHS, APE, and KARP, listing station names and coordinates.

IDC 04 09:11:39.7, 0.9, 3285N, 9084E, h0km, mb3.6/8, mb1 3.7/10, mb1mx3.6/24, mbtmp3.6/10, ML2.8/2, Error ellipse: s-maj=39.6km s-min=17.5km az=55.0

ISCJB 04 09:11:43.6, 1.8, 3305N, 007.910E, 0.2, h38km, 20km, mb3.7/8, Error ellipse: s-maj=26.2km s-min=11.3km az=169.5

NEIC 04 09:11:43.6, 1.1, 3297N, 9089E, h24km, 31km, Error ellipse: s-maj=22.7km s-min=10.8km az=72.0

ISC 04 09:11:43.4, 0.4, 3305N, 006.910E, 0.2, h22km, 34km, n11, 0.591/12, mb3.7/8, OIghal

Table for station codes LSA, MKAR, SONMI, ZALV, BVAR, AKASG, FINES, NOA, WRA, ASAR, and TORD, listing station names and coordinates.

IDC 04 09:11:39.7, 0.9, 3285N, 9084E, h0km, mb3.6/8, mb1 3.7/10, mb1mx3.6/24, mbtmp3.6/10, ML2.8/2, Error ellipse: s-maj=39.6km s-min=17.5km az=55.0

ISCJB 04 09:11:43.6, 1.8, 3305N, 007.910E, 0.2, h38km, 20km, mb3.7/8, Error ellipse: s-maj=26.2km s-min=11.3km az=169.5

NEIC 04 09:11:43.6, 1.1, 3297N, 9089E, h24km, 31km, Error ellipse: s-maj=22.7km s-min=10.8km az=72.0

ISC 04 09:11:43.4, 0.4, 3305N, 006.910E, 0.2, h22km, 34km, n11, 0.591/12, mb3.7/8, OIghal

Table for station codes LSA, MKAR, SONMI, ZALV, BVAR, AKASG, FINES, NOA, WRA, ASAR, and TORD, listing station names and coordinates.

IDC 04 09:11:39.7, 0.9, 3285N, 9084E, h0km, mb3.6/8, mb1 3.7/10, mb1mx3.6/24, mbtmp3.6/10, ML2.8/2, Error ellipse: s-maj=39.6km s-min=17.5km az=55.0

ISCJB 04 09:11:43.6, 1.8, 3305N, 007.910E, 0.2, h38km, 20km, mb3.7/8, Error ellipse: s-maj=26.2km s-min=11.3km az=169.5

NEIC 04 09:11:43.6, 1.1, 3297N, 9089E, h24km, 31km, Error ellipse: s-maj=22.7km s-min=10.8km az=72.0

ISC 04 09:11:43.4, 0.4, 3305N, 006.910E, 0.2, h22km, 34km, n11, 0.591/12, mb3.7/8, OIghal

ISCJB 04 09:23:16.1, 1.1, 3075S, 01.1794W, h347km, 23km, mb2.8/2, Error ellipse: s-maj=66.3km s-min=8.3km

az=14.8 IDC 04 09:23:18.5, 1.4, 2972S, 17920W, h367km, 56km, mb2.7/2, mb1 3.0/2, mb1mx2.8/13, mbtmp2.7/2, Error ellipse: s-maj=223.8km s-min=32.9km az=26.0

ISC 04 09:23:17.9, 0.9, 3075S, 01.1798W, h06, h314km, 32km, n19, 0.090/26, mb2.9/2, Kermadec Islands region

Table of station data for codes RAO, RAO, PUZ, PUZ, MWZ, MWZ, URW, URW, KXZ, KXZ, BKZ, BKZ, PXZ, PXZ, TSZ, TSZ, MNP, MNP, HOW, HOW, CAW, CAW, SNZO, SNZO, TCW, TCW, NNZ, NNZ, THZ, THZ, THZ, THZ, ASAR, ASAR, WRA, WRA, TORD, TORD

ISCJB 04 09:26:19.8, 0.6, 1077N, 003.6214W, 0.03, h99km, 6km, Error ellipse: s-maj=5.8km s-min=4.2km az=145.8

FUNUV 04 09:26:20.4, 1079N, 6201W, h33km, MW3.1 NEIC 04 09:26:21.6, 1079N, 6213W, h83km, MD3.0, After TRN.

TRN 04 09:26:21.6, 1079N, 6213W, h83km, MD3.0, ISC 04 09:26:20.7, 0.6, 1078N, 003.6214W, 0.03, h94km, 6km, n24, 0.0579/44, 3C-3D, Near coast of Venezuela

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

IDC 04 09:23:16.1, 1.1, 3075S, 01.1794W, h347km, 23km, mb2.8/2, Error ellipse: s-maj=66.3km s-min=8.3km

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

ISCJB 04 09:42:11.0, 1.0, 3026N, 003.3585E, 0.05, h0km, Error ellipse: s-maj=6.7km s-min=4.6km az=166.9

SGS 04 09:42:11.1, 3037N, 3562E, h0km GII 04 09:42:12.7, 1.2, 3026N, 3571E, h0km, ML2.5/7, EXPLOSION

ISC 04 09:42:11.3, 1.0, 3025N, 003.3588E, 0.05, h0km, n13, 0.066/20, Dead Sea region

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

ISCJB 04 09:45:19.4, 0.8, 3022N, 002.3584E, 0.05, h0km, Error ellipse: s-maj=6.4km s-min=3.5km az=6.6

SGS 04 09:45:19.1, 3042N, 3561E, h4km GII 04 09:45:20.8, 0.9, 3026N, 3571E, h0km, ML2.7/9, EXPLOSION

ISC 04 09:45:19.7, 0.9, 3021N, 002.3587E, 0.05, h0km, n16, 0.096/22, Dead Sea region

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

Table of station data for codes JLOS, HMDS, RSHS, MMLI

GRAL 04 09:48:09.9, 0.3, 3322N, 3561E, h0km, 68km, MD2.5 ISCJB 04 09:48:12.3, 0.6, 3342N, 002.3580E, 0.05, h0km, Error ellipse: s-maj=5.8km s-min=3.2km az=16.7

GII 04 09:48:12.2, 1.1, 3337N, 3563E, h0km, ML2.1/4, EXPLOSION

ISC 04 09:48:12.8, 0.6, 3342N, 003.3561E, 0.05, h0km, n11, 0.1503/13, Jordan - Syria region

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

ISCJB 04 09:50:10.6, 0.9, 4288N, 008.4570E, 0.05, h70km, 10km, Error ellipse: s-maj=14.1km s-min=4.6km az=13.8

MOS 04 09:50:11.3, 0.9, 4288N, 4572E, h33km, mb3.8/1, Error ellipse: s-maj=28.3km s-min=8.8km az=21.0

CSEM 04 09:50:11.0, 4288N, 4572E, h33km, mb3.8, After OBN ISC 04 09:50:10.9, 1.0, 4284N, 008.4571E, 0.05, h70km, 11km, n19, 0.082/35, Eastern Caucasus

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

IDC 04 09:50:10.9, 1.0, 4284N, 008.4571E, 0.05, h70km, 11km, n19, 0.082/35, Eastern Caucasus

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

BUJ 04 09:55:00.3, 340S, 13540E, h10km, mb4.8, mb4.7 ISCJB 04 09:55:02.9, 0.2, 344S, 006.1354E, 0.1, h15km, 20km, mb4.3/10, MS3.7/5, Error ellipse: s-maj=21.3km

IDC 04 09:55:02.6, 0.8, 326S, 13547E, h0km, mb4.5, mb4.1 4/6/7, mb1mx4.3/13, mbtmp4.5/7, ML4.3/2, MS3.7/6, Ms1 3/6, ms1mx3.4/24, Error ellipse: s-maj=49.5km s-min=17.9km az=74.0

NEIC 04 09:55:04.3, 0.6, 336S, 13543E, h10km, mb3.3/9, Error ellipse: s-maj=22.0km s-min=9.5km az=76.0

ISC 04 09:55:08.9, 1.6, 355S, 007.7.1355E, 0.1, h43km, 14km, n33, 0.1916/36, mb4.2/10, MS3.7/5, Irisea Bay region

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

ISCJB 04 09:55:19.4, 0.8, 3022N, 002.3584E, 0.05, h0km, Error ellipse: s-maj=6.4km s-min=3.5km az=6.6

SGS 04 09:55:19.1, 3042N, 3561E, h4km GII 04 09:55:20.8, 0.9, 3026N, 3571E, h0km, ML2.7/9, EXPLOSION

ISC 04 09:55:19.7, 0.9, 3021N, 002.3587E, 0.05, h0km, n16, 0.096/22, Dead Sea region

Table of station data for codes Code, Station Name, AZ, AZ, Phase ID, Time Res, Code, Station Name, AZ, AZ, Phase ID, Time Res

4d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Gaotai, SONGINGO Array, MAKANCHI Array, etc.

IDC 04 10:11:34.5.1.1, 1.22N-96.94E, h0km, mb4.1/10, mb1.4/2.11, mb1mx4.0/2.1, mbtmp4.1/1.1, ML3.0/1, Error ellipse: s-maj=3.5km s-min=17.3km az=54.0

DJA 04 10:11:37.135N-96.90E, h15km, ML4.4/4 NEIC 04 10:11:39.4.0.6, 1.26N-97.03E, h30km, Error ellipse: s-maj=16.9km s-min=10.0km az=52.0

ISCJB 04 10:11:40.4.4.2, 1.3N-102.972E, h50km, mb3.3/15, Error ellipse: s-maj=47.0km s-min=14.4km az=142.6

BUIJ 04 10:11:40.9, 1.91N-97.02E, h30km, mb5.3, mb4.8 ISC 04 10:11:42.0.4.3, 1.3N-102.972E, h47km, mb3.4/n20, +052.20, mb4.3/15, 10C, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PSI Prapat, PSI JIRN, GUN Gumba, etc.

IDC 04 10:24:40.3.45.0, 1857S-17434W, h0km, mb4.1/3, mb1.4/2.3, mb1mx3.8/1.5, mbtmp4.1/3, Error ellipse: s-maj=86.19km s-min=171.6km az=82.0, Tonga Islands

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

NEIC 04 10:26:22.3.0.7, 3418S-7003W, h9km, ML2.5(GUC), After GUC

GUC 04 10:26:22.3.0.7, 3418S-7003W, h9km, 4km, GD3.7, ML2.5, 8C-2D, Chile-Argentina border region

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

ISCJB 04 10:48:39.8.1.1, 3724N-005.1620E, h2km, mb3.5/km, Error ellipse: s-maj=10.8km s-min=4.3km az=42.7

NEIC 04 10:48:40.8, 3729N-1610E, h28km, ML2.9(ROM), After ROM

ROM 04 10:48:40.8.0.2, 3729N-1610E, h28km, mb2.6/18, ML2.9/13, Error ellipse: s-maj=3.5km s-min=1.7km az=130.0

CSEM 04 10:48:40.9.0.2, 3727N-1610E, h40km, ML4.1/6, Error

ellipse: s-maj=6.6km s-min=2.1km az=131.0 ISC 04 10:48:40.5.1.1, 3726N-005.1616E, h24km, mb3.6/n29, +056/42, 5C-2D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MPAZ Palizzi, AGST Augusta-Monte, HAGA Augusta, etc.

IDC 04 10:56:38.8.0.8, 3392S-17865W, h0km, mb4.5/7, mb1.4/6.8, mb1mx4.3/16, mbtmp4.5/8, ML4.7/1, MS3.4/1, Ms1.3/3.1, ms1mx2.6/23, Error ellipse: s-maj=26.7km s-min=22.3km az=150.0

NEIC 04 10:56:40.5.0.8, 3404S-17873W, h10km, mb4.6/4, Error ellipse: s-maj=20.4km s-min=15.3km az=122.0

ISCJB 04 10:56:42.8.0.9, 3403S-009.1788W, h2km, mb4.5/9, Error ellipse: s-maj=21.0km s-min=10.7km az=25.9

ISC 04 10:56:44.9.1.0, 3399S-009.1788W, h2km, mb3.5/n28, +093/19, mb4.5/9, 2C, South of Kermadec Islands

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

NEIC 04 10:59:47.3, 3951S-17429E, h232km, MG3.8(WEL), After WEL

WEL 04 10:59:47.4.0.7, 3951S-17429E, h232km, 5km, ML3.7/11, Error ellipse: s-maj=4.0km s-min=2.2km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RAEZ Rainy Point, NEZ North Egmont, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TRVZ Tuoro, FWVZ Far West T-bar, etc.

ISCJB 04 11:01:14.8.0.9, 1709S-007.7051W, h20km, mb4.1/16, Error ellipse: s-maj=13.2km s-min=9.0km az=32.8

NEIC 04 11:01:17.7.1.1, 1715S-7022W, h132km, 11km, mb4.3/3, Error ellipse: s-maj=17.5km s-min=10.7km az=85.0

IDC 04 11:01:17.6.0.8, 1715S-7029W, h128km, mb3.9/13, mb1.4/0.14, mb1mx3.8/23, mbtmp3.9/14, Error ellipse: s-maj=14.3km s-min=11.2km az=155.0

ISC 04 11:01:15.9.0.8, 1712S-007.7051W, h0km, h113km, mb3.7/n29, +1127/28, mb4.1/16, Near coast of Peru

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

IDC 04 11:34:13.2.1.5, 050S-12402E, h0km, mb3.7/m3, mb1.4/0.5, mb1mx3.6/19, mbtmp3.8/5, ML3.4/1, MS3.0/1, Ms1.3/0.1, ms1mx2.2/28, Error ellipse: s-maj=51.7km s-min=23.4km az=66.0

ISCJB 04 11:34:16.1.1.1, 06S-01x1239E, h33km, mb3.6/3, Error ellipse: s-maj=20.2km s-min=14.3km az=49.9

DJA 04 11:34:19.067S-12346E, h33km, ML4.3/5 ISC 04 11:34:18.4.1.1, 06S-01x1239E, h33km, n7, +0920/8, mb3.6/3, 1C, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TNE Ternate, KAPI Kappang, etc.

2007 JUN

4d 12h

DALT	Dalyan (Mudla)	1.25 215	ePN	Pn	12 43 00.3	-0.3
ANTB	Antalya	1.27 135	ePN	Pn	12 43 01.6	+0.6
GDZ	Geziz	1.29 359	iP	Pn	12 42 59.5	-1.6
GDZ			iS	Sn	12 43 21.8	+3.2
ALSS	Altintas	1.33 20	ePN	Pn	12 43 01.1	-0.7
MLSB	Milias	1.42 251	ePN	Pn	12 43 03.7	0.0
KSL	Kastellorizon	1.65 178	ePN	Pg	12 43 12.5	+4.3
AKHS	Akhisar	1.72 309	iP	Pg	12 43 08.5	-1.1
AKHS			iS	Sg	12 43 36.3	+4.4
BDRM	Kayabasi	1.81 247	iP	Sg	12 43 09.8	-1.4
EDFM			iS	Sg	12 43 36.5	+1.8
KDAG	Bornova	1.88 289	iP	Sg	12 43 11.8	+0.8
KDAG			iS	Sg	12 43 38.4	+1.5
DAT	Datca	1.88 236	ePN	Pn	12 43 09.5	+0.2
BODT	Bodrum	1.91 248	ePN	Pn	12 43 09.8	+0.2
ARG	Arhangelos	1.94 216	ePN	Pg	12 43 12.9	-0.8
ELCB	Elcova	2.04 287	ePN	Pg	12 43 11.4	0.0
BLB	Samos	2.13 268	ePN	Pn	12 43 10.0	+0.3
BALB	Balikisir	2.24 326	ePN	Pn	12 43 14.3	+0.1
KONT	Konya-Tatoy	2.25 85	ePN	Pn	12 43 15.1	+0.7
HDMB	Hadim	2.50 109	ePN	Pn	12 43 18.6	+0.8
ADVT	Abdulvahap	2.63 4	ePN	Pn	12 43 20.1	+0.5
YLV	Yatova	2.78 358	ePN	Pn	12 43 22.4	+1.0
PRK	Paraskevi	2.93 301	ePN	Pn	12 43 26.5	+2.8
KARP	Karpatos	2.94 221	ePN	Pn	12 43 26.0	+2.1
ISK	Istanbul-Kandi	3.28 354	ePN	Pn	12 43 29.3	+0.8

CD2	comp=Z,190nm,13.2s,MS4.1	LR	LR			
XAN	Xi'an	40.66 341	P	P	12 55 35.8	-1.1
XAN			P	AMB	P	AMB
comp=Z,277nm,1.0s,mb4.8						
KX15	Wonju Array Si	41.86 5	P	P	12 55 45.9	-0.8
KSR5	Korea Array	41.87 5	P	P	12 55 46.9	+0.1
comp=Z,5.9nm,0.8s,mb4.3,baz=180,slow=9.4,SNR=27						
MAJO	Matsushiro	43.02 17	P	P	12 55 54.9	-1.2
MAT	Matsushiro	43.02 17	P	P	12 55 54.7	-1.0
MJAR	Matsushiro Arr	43.02 17	P	P	12 55 55.0	-1.2
comp=Z,5.5nm,0.7s,mb4.4,baz=192,slow=9.0,SNR=17						
DL2	Dalian	43.15 358	P	P	12 55 57.1	-0.1
DL2			P	AMB	P	AMB
comp=Z,30nm,0.8s,mb5.1						
LZH	Lanzhou	44.30 337	eP	P	12 56 06.5	0.0
LZH			AP	pP	12 56 18.1	-1.0
LZH			XP	pP	12 56 22.7	-1.8
LZH			XP	pP	12 57 51.5	+0.9
LZH			eS	sS	13 02 36.5	-0.9
LZH			XS	SS	13 02 57.2	-1.2
LZH			AMB	AMB		
comp=Z,35nm,1.3s,mb4.9						
LZH			AMB	AMB		
comp=Z,140nm,5.3s			LR	LR		
LZH			LR	LR		
comp=E,530nm,13.0s			LR	LR		
LZH			LR	LR		
comp=Z,868nm,14.3s,MS4.8						
BJT	Baijiatuu	44.74 352	eP	P	12 56 09.9	0.0
BJT			eP	P	12 56 09.9	0.0
comp=Z,39nm,0.8s						
BJT	Baijiatuu	44.74 352	eP	P	12 56 09.9	0.0
comp=Z,39nm,0.8s,mb5.3						
LSA	Lhasa	45.96 320	P	P	12 56 20.4	+0.6
LSA			P	AMB	P	AMB
comp=Z,20nm,0.8s,mb5.1						
LSA	Lhasa	45.96 320	eP	P	12 56 21.0	+1.2
LSA			P	P	12 56 21.0	+1.2
comp=Z,8.0nm,0.6s,mb4.8						
LSA	Lhasa	45.96 320	eP	P	12 56 21.0	+1.3
comp=Z,8.0nm,0.6s,mb4.8						
HHC	Hu-ho-hao-te	46.36 347	eP	P	12 56 23.3	+0.6
HHC			AP	pP	12 56 35.7	+0.3
HHC			XP	sP	12 56 41.0	+0.3
HHC			PCP	pP	12 57 57.8	+0.6
HHC			PCP	pP	12 58 12.8	+0.5
HHC			SCP	sP	13 01 45.6	-1.4
HHC			SCS	sS	13 01 50.8	-1.0
HHC			SS	SS	13 03 28.8	+0.7
HHC			SS	SS	13 06 11.6	-2.5
HHC			SS	SS	13 06 26.4	-6.9
comp=Z,26nm,1.0s,mb5.1						
HHC			AMB	AMB		
comp=Z,142nm,7.2s			LR	LR		
HHC			LR	LR		
comp=N,104nm,16.6s,MS4.2			LR	LR		
HHC			LR	LR		
comp=E,213nm,17.9s,MS4.2			LR	LR		
HHC			LR	LR		
comp=Z,156nm,16.4s,MS4.0			LR	LR		
CN2	Changchun	48.04	2 eP	P	12 56 37.0	+1.3
CN2			eAP	pP	12 56 49.4	+1.0
CN2			eS	SS	13 03 32.0	+1.3
comp=Z,10.0nm,0.9s,mb4.8						
CN2			AMB	AMB		
comp=Z,200nm,4.0s			LR	LR		
CN2			LR	LR		
comp=N,80nm,15.0s,MS4.0			LR	LR		
CN2			LR	LR		
comp=E,100nm,15.0s,MS4.0			LR	LR		
CN2			LR	LR		
comp=Z,200nm,15.0s,MS4.2			LR	LR		
CN2			LR	LR		
JIRN	Jiri	48.08 314	eP	P	12 56 36.6	+0.3
comp=Z,69nm,0.8s,mb5.7						
GUN	Gumba	48.45 314	eP	P	12 56 39.4	+0.2
comp=Z,95nm,0.8s,mb5.9						
PKI	Pulchoki	48.59 313	eP	P	12 56 40.1	-0.2
comp=Z,34nm,0.6s,mb5.6						
PKIN	Pulchoki	48.60 313	eP	P	12 56 40.1	-0.3
comp=Z,40nm,0.6s,mb5.6						
GTA	Gaotai	48.78 336	P	P	12 56 42.2	+0.7
GTA			AP	pP	12 56 54.6	+0.3
GTA			XP	sP	12 56 59.9	+0.3
GTA			PCP	pP	12 58 08.6	+2.7
GTA			PP	PP	12 58 35.9	+0.8
GTA			SCP	sP	13 01 57.6	+0.3
GTA			S	S	13 03 41.6	+0.3
GTA			XS	SS	13 04 02.7	+0.1
GTA			SS	SS	13 06 28.1	+1.5
GTA			SS	SS	13 07 08.5	-4.0
comp=Z,23nm,1.0s,mb5.2						
GTA			AMB	AMB		
comp=Z,102nm,7.3s			LR	LR		
GTA			LR	LR		
comp=N,86nm,13.4s,MS4.1			LR	LR		
GTA			LR	LR		
comp=E,96nm,15.3s,MS4.1			LR	LR		
GTA			LR	LR		
comp=Z,104nm,16.1s,MS3.9			LR	LR		
KKN	Kakani	48.81 313	eP	P	12 56 41.8	-0.2
comp=Z,24nm,0.5s,mb5.6						
DMJ	Daman	48.83 313	eP	P	12 56 42.3	+0.1
comp=Z,42nm,0.6s,mb5.7						
MDN	Mudanjiang	49.13 6	P	P	12 56 44.1	0.0
MDJ			P	AMB	P	AMB
comp=Z,22nm,0.8s,mb5.2						
MDJ			P	AMB	P	AMB
MDJ	Mudanjiang	49.13 6	eP	P	12 56 44.2	+0.1
comp=Z,20nm,0.9s,mb5.2						
GKN	Koldanda	50.03 312	eP	P	12 56 46.3	-0.2
KOLN	Koldanda	50.03 312	eP	P	12 56 51.4	+0.1
comp=Z,46nm,0.5s,mb5.8						
DANN	Dangsing	50.23 313	eP	P	12 56 52.9	+0.1
comp=Z,183nm,0.6s						
HIA	Hailar	53.58 357	eP	P	12 57 17.6	+0.3
HIA			P	P	12 57 17.6	+0.3
comp=Z,18nm,0.9s						
HIA	Hailar	53.58 357	eP	P	12 57 17.6	+0.3
comp=Z,18nm,0.9s,mb5.0						
KLR	Kutdur	53.92 7	eP	P	12 57 13.4	-6.4
YSS	Yuzh-Sakhalins	53.92 161	eP	P	12 57 19.5	-0.4
comp=Z,31nm,1.9s,mb4.9						
ULN	Ulaanbaatar	54.04 346	eP	P	12 57 21.2	+0.5
ULN			P	P	12 57 21.2	+0.5
comp=Z,35nm,0.9s,mb5.3						
ULN	Ulaanbaatar	54.04 346	eP	P	12 57 21.2	+0.5
comp=Z,35nm,0.9s,mb5.3						
SOMM	Songino Array	54.17 346	P	P	12 57 22.1	+0.5
comp=Z,19nm,0.8s,mb5.1,baz=153,slow=7.4,SNR=119						
SONM			LR	LR	13 20 26.2	
comp=Z,111nm,18.9s,MS3.9,baz=160,slow=36						
ZAK	Zakamensk	57.31 345	iP	P	12 57 44.0	-0.1
ZAK			P	P	12 57 44.0	-0.1
comp=Z,8.0nm,0.9s,mb4.8						
WMQ	Urumqi	57.83 330	P	P	12 57 49.9	+2.0
WMQ			AP	pP	12 58 02.6	+1.7
WMQ			XP	sP	12 58 07.9	+1.7
WMQ			XP	pP	12 59 59.9	+3.3
WMQ			AMB	AMB		
comp=Z,19nm,1.8s,mb4.8						
WMQ			AMB	AMB		
comp=Z,214nm,8.1s			LR	LR		
WMQ			LR	LR		
comp=N,214nm,19.5s,MS4.5			LR	LR		
WMQ			LR	LR		
comp=E,254nm,18.0s,MS4.5			LR	LR		
WMQ			LR	LR		
comp=Z,339nm,20.0s,MS4.5			LR	LR		
WMQ			LR	LR		
comp=Z,15nm,0.9s,mb5.0						
TLY	Talaya	58.41 346	eP	P	12 57 52.4	+0.6
TLY			e	e	12 58 38.0	
comp=Z,15nm,0.9s,mb5.0						
TLY	Talaya	58.41 346	eP	P	12 57 52.4	+0.6
comp=Z,12nm,0.8s,mb5.0						
MOY	Mondy	59.09 344	eP	P	12 57 57.5	+1.0
MOY			P	P	12 57 57.5	+1.0
comp=Z,36nm,2.4s,mb5.0						
KSH	Kashi	61.81 320	P	P	12 58 16.3	+0.9

KSH			eAP	pP	12 58 28.8	+0.3
KSH			eXP	sP	12 58 34.2	+0.4
KSH			ePCP	pP	12 58 57.0	+0.9
KSH			ePP	PP	13 00 34.5	+2.5
KSH			ePCP	PP	13 02 53.3	-1.1
KSH			ePCP	PP	13 02 58.1	+1.0
KSH			eS	S	13 06 32.8	-2.8
KSH			eS	S	13 06 54.9	-2.5
KSH			eSCS	SS	13 08 00.5	-3.0
KSH			AMB	AMB		
comp=Z,50nm,0.7s,mb5.8						
KSH			AMB	AMB		
comp=Z,229nm,3.6s			LR	LR		
KSH			LR	LR		
comp=N,567nm,4.8s			LR	LR		
KSH			LR	LR		
comp=E,388nm,4.6s			LR	LR		
KSH			LR	LR		
comp=Z,465nm,6.5s						
BOD	Bodaibo	62.52 354	eP	P	12 58 19.2	-0.5
BOD			P	P	12 58 19.2	-0.5
comp=Z,12nm,0.8s,mb5.1						
MK31	Makanchi Array	62.63 329	eP	P	12 58 21.1	+0.4
MK31			P	P	12 58 33.5	+0.3
MKAR	Makanchi Array	62.63 329	eP	P	12 58 21.0	+0.3
comp=Z,30nm,0.6s,mb5.6,baz=130,slow=7.7,SNR=383						
MKAR	Makanchi Array	62.63 329	iP	P	12 58 21.0	+0.3
MKAR			P	P	12 58 21.0	+0.3
comp=Z,30nm,0.6s						
MKAR	Makanchi Array	62.63 329	P	P	12 58 21.0	+0.3
MKAR	Kyzart	63.69 322	P	P	12 58 29.2	+1.4
SNR=11						
TKM2	Tokmak 2	63.95 323				

CSEM 04 15:55:42.8.0.1, 3815N-2677E, h8km, MD2.9, Error ellipse: s-maj=3.0km s-min=1.9km az=90.0 DDA 04 15:55:42.8, 3815N-2668E, h17km, km, MD2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UZLRA Izmir, BLCB Balçova, SMG Samos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAN 04 16:16:44.6, MATI Mati, GSPH General Santos, etc.

IDC 04 16:23:51.2.0.9, 1648N-14594E, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.7/18, mbtmp3.7/6, Error ellipse: s-maj=44.4km s-min=22.9km az=104.0

ISCJB 04 16:24:06.2.4.2, 164N.01.1456E.03, h138km, 22km, mb3.4/7, Error ellipse: s-maj=43.6km s-min=24.0km az=4.4

NEIC 04 16:24:07.1.2.4, 1646N-14578E, h128km, 20km, mb4.0/1, Error ellipse: s-maj=37.0km s-min=20.1km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRAIA Tennant Creek, WRA Warramunga Arr, etc.

SZGRF 04 16:46:45.1, 2562Sx17556W, h33km, South of Tonga Islands

ISCJB 04 16:47:18.0.1.6, 2251S, 008.1778W, 0.1, h230km, 17km, mb4.1/15, Error ellipse: s-maj=18.5km s-min=9.5km az=35.7

NEIC 04 16:47:21.9.1.5, 2236Sx17780W, h267km, 15km, mb4.3/9, Error ellipse: s-maj=16.4km s-min=9.0km az=139.0

IDC 04 16:47:22.4.3.0, 2249Sx17767W, h274km, 29km, mb3.8/8, mb1 4.0/10, mb1mx3.7/17, mbtmp3.8/10, Error ellipse: s-maj=37.4km s-min=14.1km az=151.0

ISC 04 16:47:21.3.1.9, 2245S, 01.1778W, 0.1, h255km, 19km, n54, 0.8x329, mb4.0/15, 2D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KOLS Kolonické sedl, CRVS Cervenica-Dubn, UPC Upiče, etc.

NEIC 04 16:48:38.9.0.8, 391S, 15046E, h150km, Error ellipse: s-maj=32.9km s-min=13.5km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, WBA Warramunga Arr, etc.

IDC 04 16:48:33.6.1.1, 0.383S, 15052E, h100km, 109km, mb3.5/8, mb1 3.7/8, mb1mx3.5/14, mbtmp3.5/8, MS3.5/8, Ms1 3.5/8, ms1mx3.0/18, Error ellipse: s-maj=52.6km s-min=30.0km az=112.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, WBA Warramunga Arr, etc.

ISCJB 04 16:51:27.8.1.5, 8.1S, 010.12854E, 0.07, h155km, 18km, mb4.7/2, Error ellipse: s-maj=16.5km s-min=10.1km az=19.8

IDC 04 16:51:30.3.3.9, 830S, 12854E, h149km, 52km, mb3.6/1, mb1 3.4/5, mb1mx3.1/15, mbtmp3.3/5, Error ellipse: s-maj=37.0km s-min=25.7km az=53.0

ISC 04 16:51:30.1.1.5, 2420S, 009.12854E, 0.07, h153km, 16km, n9, 0.1x18/16, mb4.7/2, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Baumenta, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

NEIC 04 16:53:39.6, 3826N-2159E, h29km, MD3.1 (ATH), After ATH

ATH 04 16:53:39.6, 3826N-2159E, h29km, 1km, MD3.1/5

ISCJB 04 16:53:40.1.0.7, 3827N-2167E, h24km, 7km, Error ellipse: s-maj=13.1km s-min=6.7km az=148.3

CSEM 04 16:53:40.6.0.1, 3823N-2167E, h20km, MD3.1, Error ellipse: s-maj=2.4km s-min=1.6km az=122.0

THE 04 16:53:40.3, 3829N-2164E, h3km, ML2.7

ISC 04 16:53:40.1.0.6, 3828N-2166E, 0.07, h23km, 8km, n9, 0.8x13/14, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SELA Sela, RLS Riolos of Patr, EVR Evrytania, etc.

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

IDC 04 17:09:42.6.4.1, 5735S-14701E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/12, mbtmp4.0/3, MS3.6/5, Ms1 3.6/5, ms1mx3.4/18, Error ellipse: s-maj=225.4km s-min=40.1km az=89.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNSA Vanda, STKA Stephens Creek, URZ Urewera, etc.

PRU 04 17:34:39.5, 5763N-253E, h0km, M4.2

ISCJB 04 17:34:42.4.0.2, 5687N-001.197E, 0.03, h10km, mb4.1/14, Error ellipse: s-maj=2.2km s-min=2.0km az=140.8

MOS 04 17:34:43.9.1.5, 5679N-188E, h21km, mb4.2/6, Error ellipse: s-maj=7.0km s-min=2.9km az=96.2

NEIC 04 17:34:44.6.0.2, 5694N-184E, h10km, mb4.2/5, ML4.0/138, Error ellipse: s-maj=3.1km s-min=2.7km az=138.0

IDC 04 17:34:44.1.0.6, 5703N-167E, h0km, mb4.1/10, mb1 4.1/19, mb1mx4.0/29, mbtmp4.0/19, ML3.9/7, MS2.9/3, BSJ 04 17:34:45.9.1.7, 5701N-181E, h5km, ML3.9

SZGRF 04 17:34:45.9, 5723N-211E, h10km, mb4.1, North Sea

CSEM 04 17:34:45.6.0.0, 5696N-187E, h35km, mb4.2/2, ML4.4/37, Error ellipse: s-maj=1.2km s-min=1.0km az=133.0

LDG 04 17:34:46.2.0.2, 5692N-225E, h20km, ML4.4/37, ms2.7/6, Error ellipse: s-maj=5.7km s-min=2.8km az=121.0

BER 04 17:34:46.4, 5707N-173E, h5km, MD3.5, ML3.3, ML3.9/345

NAO 04 17:34:47.7.6.0, 5717N-183E, h10km, 33km, ML3.0

ISC 04 17:34:45.0.2, 5692N-201.189E, 0.03, h10km, n350, 0.1x36/49, mb4.1/14, 18C-22D, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESY Stonyepath, XSO Southport Farm, STAV Stavanger, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like ORE Reay, HYA Hoyanger, TOD Tromm, and many others. Each row contains detailed technical and signal data.

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

Table with columns: EAL, Alkuruntz, Frequency, Bandwidth, Modulation, and other technical details for stations in the EAL region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Kamchatka Peninsula region.

4d 19h

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Table of station data for the 4d 19h section, including codes like KDAX, FITZ, WRAB, etc., and station names like Kodiak Island, Fitzroy Crossi, Tennant Creek, etc.

NIED 04 18:06:00.3330N:13950E,h130km,Mw3.8 Best double couple: M=6.57000:1014 NP1.0:61.00000:delta.00000:...

Table of station data for the 4d 19h section, continuing with codes like Code, Station Name, and various parameters.

ISCJB 04 18:06:34.2:2.0, 1854N:009.1456E:02,h179km,17km, mb3.9/13, Error ellipse: s-maj=32.8km s-min=14.2km

Table of station data for the 4d 19h section, including codes like Code, Station Name, and various parameters.

Table of station data for the 2007 JUN section, including codes like GUMO, JOW, CTA, etc., and station names like Guam, Kunigami, Charters Tower, etc.

ISCJB 04 18:34:11.2:0.9, 2737N:008.5534E:010,h10km, Error ellipse: s-maj=12.8km s-min=11.0km az=165.2

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

MEX 04 18:40:42.3:0.8, 1695N:10014W,h13km,9km,MD3.6, Near coast of Guerrero

NEIC 04 18:41:02.5:0.5, 108N:12686E,h35km,mb4.6/1, Error ellipse: s-maj=18.9km s-min=7.3km az=65.0

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

NEIC 04 18:41:02.5:1.1, 095N:009.1267E:01,h65km,13km,n13, 0554/14,mb3.8/6,1D,Northern Molucca Sea

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

Table of station data for the 2007 JUN section, including codes like SPITS, SONM, TXAR, etc., and station names like Spitsbergen Ar, Songoing Array, Lajitas Array, etc.

SOF 04 19:26:59.5:0.7, 3999N:2442E,h9km,MD3.0, ISCJB 04 19:26:59.5:0.7, 3999N:003.2435E:04,h8km,5km,

ATH 04 19:27:00.4:0.1, 3999N:2431E,h15km,ML3.5, Error ellipse: s-maj=2.5km s-min=1.8km az=83.0

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

ISCJB 04 19:34:19.7:0.6, 5145N:003.648E:006,h0km, Error ellipse: s-maj=6.1km s-min=3.2km az=43.4

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

ISCJB 04 19:34:20.7:0.5, 5133N:658E,h1km,ML2.6(LDG), After LDG.

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

ISCJB 04 19:34:20.0:0.5, 5146N:658E,h1km,ML2.0, Error ellipse: s-maj=2.5km s-min=1.8km az=165.0

ISCJB 04 19:34:20.0:0.5, 5133N:658E,h1km,ML2.0, Error ellipse: s-maj=5.1km s-min=3.4km az=178.0, Suspected Mining induced.

BNS 04 19:34:21.8:0.8, 5147N:658E,h1km,ML1.9, ISCJB 04 19:34:20.0:0.5, 5149N:004.651E:005,h0km,n34,

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

ISCJB 04 19:21:59.8:1.2, 5212N:16996W,h0km,mb3.9/13, mb1.4/0.14, mb1.1m3.9/25, mbtmp3.9/14,ML3.1/1, Error ellipse: s-maj=33.4km s-min=18.4km az=166.0

ISCJB 04 19:22:03.6:1.5, 5212N:1699W:01,h40km,11km, mb3.9/15, Error ellipse: s-maj=26.3km s-min=11.1km az=163.7

NEIC 04 19:22:05.2:1.4, 5204N:16986W,h39km,10km,mb4.1/2, Error ellipse: s-maj=20.7km s-min=9.9km az=164.0

ISC 04 19:22:05.3:1.4, 5210N:1699W:01,h38km,11km,n25, 0578/25,mb3.9/15, Fox Islands

Table of station data for the 2007 JUN section, including codes like Code, Station Name, and various parameters.

Table with columns: LOR, 0.9nm, 0.3s, baz=30, 4.57 203 ePn, Pn, 19 35 30.0 -0.4, etc.

IDC 04 19:39:56.4-10.0, 711S-15403E, h149km, mB3.5/5, mb1 3.6/5, mb1mx3.3/14, mbtmp3.5/5, Error ellipse: s-maj=82.0km s-min=30.2km az=113.0, Bougainville -

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC, WRA, Warramunga Arr, 22.97 234 P, etc.

BJI 04 19:39:56.9, 1207N-144.03E, h12km, mB5.0, mb4.8, MS4.6, Msz4.4, IDC 04 19:39:57.0-0.6, 1200N-143.88E, h0km, mb4.5/20, etc.

NEIC 04 19:40:03.0-3.3, 1206N-143.81E, h32km, 2.3km, mb5.0/30, Error ellipse: s-maj=8.7km s-min=6.6km az=107.0, etc.

Main table for station GUMO, starting with GUMO Guam, 1.84 37 ePn, Pn, 19 40 31.7 -0.6, etc.

Table with columns: FITZ, Fitzroy Crossi, 34.93 211 eP, P, 19 46 54.6 +1.9, etc.

Table with columns: ASAR, Alice Springs, 36.83 195 P, P, 19 47 07.7 -1.2, etc.

Table with columns: GUIYANG, Guiyang, 37.63 298 P, P, 19 47 18.9 +0.8, etc.

Table with columns: KLR, Kul'dur, 38.32 347 eP, P, 19 47 17.0 -4.2, etc.

Table with columns: HHC, Hu-ho-hac-te, 40.19 321 eP, P, 19 47 35.5 -1.6, etc.

Table with columns: CD2, Chengdu, 41.34 303 eP, P, 19 47 46.8 +0.1, etc.

Table with columns: PET, Petropavlovsk, 42.52 13 eP, P, 19 47 58.5 +2.5, etc.

Table with columns: KULM, Kulim, 43.08 265 eP, P, 19 48 01.5 +0.4, etc.

Table with columns: STKA, Stephens Creek, 43.78 183 eP, P, 19 48 03.5 -2.9, etc.

Table with columns: STA, Gaotai, 47.34 313 eP, P, 19 48 34.8 +0.2, etc.

Table with columns: ZAK, Zakamensk, 50.46 327 eP, P, 19 48 57.7 -0.6, etc.

Table with columns: LSA, Lhasa, 51.70 298 eP, P, 19 49 09.4 +1.4, etc.

Table with columns: WMQ, Urumqi, 57.36 315 P, P, 19 49 50.9 +2.0, etc.

Table with columns: BILL, Bilibino, 57.80 10 eP, P, 19 49 51.0 -0.5, etc.

Table with columns: URZ, Urewera, 58.11 295 eP, P, 19 49 55.1 +0.6, etc.

Table with columns: RPZ, Rata Peaks, 60.89 158 LR, LR, 20 11 17.0, etc.

Table with columns: MKAR, Makanchi Array, 61.79 317 eP, P, 19 50 19.0 +0.5, etc.

Table with columns: ZALV, Zalesovo Bay, 62.18 325 P, P, 19 50 21.6 -0.3, etc.

Table with columns: KURK, Kurchatov, 65.00 320 P, P, 19 50 39.7 +0.3, etc.

Table with columns: KSH, Kashi, 65.26 308 eP, P, 19 50 44.7 +2.2, etc.

Table with columns: COLA, College, 70.00 251 eP, P, 19 51 10.6 -1.3, etc.

Table of astronomical observations for stations 4d 19h, including station names, coordinates, and observation times.

Table of astronomical observations for stations J08A through V12A, including station names, coordinates, and observation times.

Table of astronomical observations for stations W07A through Z08A, including station names, coordinates, and observation times.

Table with columns: MDJ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Mudanjiang, Guiyang, Changchun, Chengdu, Lanzhou, Sonm, Vnda, TTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Bishkek, Almayashu, Erkin-Say, etc.

ADC 04 20:18.44.0.1.3, 303N-92.40E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.6/23, mbtmp3.8/7, ML2.9/1, Error ellipse: s-maj=49.3km s-min=19.1km az=45.0

NEIC 04 20:18.45.1±0.7, 295N-92.32E, h10km, mb4.0/1, Error ellipse: s-maj=18.3km s-min=9.1km az=207.0

ISCJB 04 20:18.46.0±0.9, 30N.01-92.41E, 0.08, h33km, mb3.8/7, Error ellipse: s-maj=20.3km s-min=9.9km az=20.0

ISC 04 20:18.48.0±0.8, 30N.01-92.31E, 0.07, h35km, n15, ±0.9717h, mb3.8/7, 1C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PSI Prapat, KULM Kulim, LSA Lhasa, etc.

ADC 04 20:29.15.3±0.6, 3089S-1777W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/14, mbtmp3.8/3, Error ellipse: s-maj=256.3km s-min=51.6km az=152.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like STKA Stephens Creek, ASAR Alice Springs, ZALV Zalesovo Beam, etc.

ISCJB 04 20:38:42.7±0.5, 1198N.008-1438E, 0.1, h43km, mb3.9/17, Error ellipse: s-maj=17.9km s-min=10.5km az=16.7

NEIC 04 20:38:44.2±0.6, 1201N-1439E, mb4.5/2, Error ellipse: s-maj=20.8km s-min=13.0km az=106.0

ADC 04 20:38:44.4±0.5, 1202N-144.01E, h44km, 4km, mb3.6/14, mb1 3.7/14, mb1mx3.7/21, mbtmp3.5/14, Error ellipse: s-maj=20.3km s-min=12.0km az=97.0

ISC 04 20:38:44.5±0.5, 1200N.008-1440E, 0.1, h45km, n15, ±1.5km, pP, n28, ±f03/23, mb4.0/17, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like GUMO Guam, MJAR Matsushiro Arr, KSRs Kora Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like FINES, NOA, NOA, LPAZ, LPAZ, LPAZ.

BUI 04 20:41:01.3, 1196N-14395E, h16km, mb5.0, mb4.8, Ms4.6, Msz4.5

ADC 04 20:41:02.0±0.6, 1200N-14383E, h0km, mb4.6/20, mb1 4.7/20, mb1mx4.6/25, mbtmp4.6/20, MS4.4/13, Ms1 4.4/13, ms1mx4.2/27, Error ellipse: s-maj=22.2km s-min=13.0km az=88.0

ISCJB 04 20:41:02.0±0.3, 1201N.004-14379E, 0.05, h13km, mb4.8/81, MS4.4/30, Error ellipse: s-maj=6.7km s-min=6.0km az=165.6

GCMT 04 20:41:04.9±0.2, 1190N-14379E, h16km, MW5.0/83, Moment Tensor Solution, 0.878, s83 c152, Duration: 0 Moment tensor: Scale 1016Nm; Mw4.23±1.7; Mw-4.55±1.1; Mw1.29±30; Mw-0.94±08; Mw0.15±39; Best double couple: M0.66200±0.1016 Np1±0.258.00000°, δ37.00000°, δ88.00000°. Principal axes: T 4.4160, Plg82.0000°, Azm359.0000°; N 0.4930, Plg1.0000°, Azm260.0000°; B -4.9080, Plg8.0000°, Azm170.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 20:41:04.9±4.3, 1205N-14381E, h17km, 27km, mb5.0/33 Error ellipse: s-maj=7.9km s-min=6.3km az=106.0

MOS 04 20:41:05.4±1.0, 1202N-14373E, h33km, mb5.1/31, MS4.5/5, Error ellipse: s-maj=11.7km s-min=6.5km az=105.0

DJA 04 20:42:31, 863N-14079E, h65km, mb5.0/10

ISC 04 20:41:04.3±0.3, 1203N.004-14382E, 0.05, h13km, h13km, 1.4km, pP, n163, ±0.99/161, mb4.8/81, MS4.4/30, 10C-3D, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like GUMO Guam, CBJ Chichi jima, JOW Kunigami, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like CN2, ASAR, BJT, BJI, GYA, HBR, HHC, KMI, KUR, LHA, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like TLY, LSA, LHA, LHA, LHA, LHA, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like RES, NEW, WJWR, WJWR, WJWR, WJWR, etc.

IDC 04 20:55:33.3-8.0, 7395:12945E, h145km, b48km, mb3.2/1, mb1 3.3/5, mb1mx3.2/16, mbtmp3.2/5, Error ellipse: s-maj=73.7km s-min=25.7km az=37.0, Banda Sea

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IRK, JIRL, BILL, BIRL, BILB, etc.

JMA 04 21:16:22.2, 3517N, 13606E, h11km, M3.2, 2C-4D, Western Honshu

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

TAP 04 21:16:39.5, 2409N, 12169E, h8km, ML3.8, 16C, Taiwan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NSY, Sanyi, TCU, Taichung, etc.

CSEM 04 21:17:52.7, 0.9, 3837N, 3928E, h21km, 6km, MD2.6, Error ellipse: s-maj=30.9km s-min=15.1km az=98.0

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

KRSC 04 21:20:04.6, 0.4, 5113N, 15813E, h23km, 22km, ML4.4

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

MOS 04 21:20:05.4, 0.8, 5125N, 15764E, h57km, mb4.2/5, Error ellipse: s-maj=18.6km s-min=7.6km az=73.6

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERM, Ermo, YAK, Yakutsk, etc.

IDC 04 21:37:23.3, 49.0, 1542S, 17417W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.8/15, mbtmp4.1/3, Error ellipse: s-maj=943.2km s-min=176.2km az=78.0, Tonga Islands

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

JMA 04 21:49:31.0, 3517N, 13606E, h11km, M2.5, Western Honshu

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

IDC 04 21:58:07.5, 1.9, 2677N, 12820E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/17, mbtmp3.9/4, Error ellipse: s-maj=146.7km s-min=21.8km az=66.0, Halmahera

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

CSEM 04 22:52:51.5, 0.7, 2446N, 3344E, h2km, ML3.5, Error ellipse: s-maj=54.7km s-min=15.4km az=109.0

GII 04 22:53:46.0, 0.0, 2825N, 3349E, h0km, 1km, ML3.0/2

ISCJB 04 22:53:48.2, 0.1, 2836N, 004, 347E, 0.1, h4km, 6km, Error ellipse: s-maj=21.9km s-min=6.8km az=171.3

SGS 04 22:53:48.5, 0.2, 2847N, 347E, h9km, Error ellipse: s-maj=25.3km s-min=16.2km az=139.0

ISC 04 21:17:55.0, 1.0, 3837N, 006, 3934E, 0.06, h9km, 8km, m6, c085/10, Turkey

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

JMA 04 22:54:41.1, 3517N, 13606E, h11km, M2.6, Western Honshu

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

MOS 04 23:36:14.7, 1.9, 5160N, 10470E, h12km, mb4.2/1, Error ellipse: s-maj=16.8km s-min=10.1km az=72.9

BYKL 04 23:36:14.7, 0.2, 5153N, 10463E, h16km, 4km, 2C-6D, Lake Baykal region

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

Table with columns: WRA, Warramunga Arr, 42.51 266 P, 17nm,0.4s,mb4.8,baz=102,slow=8.1,SNR=86

Table with columns: IRM, Iron Mountain, 84.39 49 P, 44 49 59.2 +0.5

Table with columns: 118A, Homack Ranch, 87.25 52 P, 04 45 13.2 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, and various other locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIAO, FIAO, FIAO, and various other locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, EIDS Eidsvold, RAO Raoul Island, and various other locations.

NEIC 05 09:08:47.2, 1675N-9900W, h16km, MD3.7(MEX), After MEX.

MEX 05 09:08:47.4, 0.9, 1677N-9897W, h27km, 48km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, ACX Acapulco, and various other locations.

TAP 05 09:13:04.2, 2568N-12255E, h283km, 1km, ML4.0

JMA 05 09:13:08.8, 0.4, 2569N-12235E, h242km, M3.7, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, and various other locations.

ISCJB 05 09:23:43.1, 0.4, 5989N-004.2, 228E, h0km, Error ellipse: s-maj=6.1km s-min=3.0km az=143.8

HEL 05 09:23:44.8, 0.1, 5977N-2236E, h0km, ML1.8, ML2.1(UPP), Explosion

NAO 05 09:23:44.4, 1.1, 5985N-2234E, ML2.0

IDC 05 09:23:45.9, 1.6, 5978N-2229E, h0km, mb1 2.9/4, mb1mx2 9/21, mb1mp2 8/4, ML2.6/4, Error ellipse: s-maj=22.2km s-min=7.6km az=161.0

ISC 05 09:23:44.1, 0.4, 5986N-003.2, 228E, h0km, n30, c1501/45, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEF Matsuhovi, MEF Matsuhovi, and various other locations.

NEIC 05 09:32:07.6, 1503N-9594W, h20km, MD4.0(MEX), After MEX.

MEX 05 09:32:07.6, 0.9, 1503N-9594W, h20km, 29km, MD4.0, 1C, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, VHO Vista Hermosa, and various other locations.

BUI 05 09:33:42.3, 0.1, 1484S-16679E, h30km, mb5.8, mb5.4, Ms5.4, Msz5.2

ISCJB 05 09:33:42.4, 1.7, 1486S-003.1, 16682E, 002, h33km, 11km, mb5.4/11.8, Ms5.4/22, Error ellipse: s-maj=5.8km

GCMT 05 09:33:42.3, 0.1, 1495S-16664E, h29km, MW5.8/10/4, Moment Tensor Solution, s104c213; s101c227; Duration: 1s8 Moment tensor: Scale 1017Nm; Mn:4.99e-05; M0:0.08e-04; M0:4.91e-04; M0:1.40e-08; M0:1.55e-03; M0:0.72e-08; Best double couple: M5.42000e+1017 NP1:0.35600000, 0.41.000000, 1.110.000000. NP2:0.151.000000, 0.852.000000, 1.74.000000.

Principal axes: T 5.3610, Plg76.0000, Azm7.0000; N 0.1180, Plg13.0000, Azm161.0000; P -5.4790, Plg6.0000, Azm252.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 05 09:33:42.3, 0.1, 1484S-16679E, h30km, mb5.5, 70, MS5.5/168, MW5.6, Error ellipse: s-maj=5.6km s-min=4.2km az=156.0, Moment Tensor Solution, s45 Moment tensor: Scale 1017Nm; Mn:3.19; M0:0.23; M0:3.42; M0:0.83; M0:0.12; M0:0.95; Best double couple: M3.50000e+1017 NP1:0.165.000000, 0.855.000000, 1.74.000000. NP2:0.151.000000, 0.838.000000, 1.111.000000. Principal axes: T 3.52000, Plg74.0000, Azm28.0000; N 0.0500, Plg13.0000, Azm174.0000; P -3.5700, Plg8.0000, Azm266.0000.

NEIC Fall at Luganville, IDC 05 09:33:43.8, 2.3, 1483S-16681E, h33km, 16km, mb5.0/24, mb1 5/0/25, mb1mx5/0/25, mb1mp5/0/25, ML5.8/1, MS5.2/29, Ms1 5/2/29, ms1mx5/2/32 Error ellipse: s-maj=11.7km s-min=9.4km az=156.0

MOS 05 09:33:43.5, 1.1, 1481S-16678E, h36km, mb5.7/48, MS5.5/43, Error ellipse: s-maj=7.5km s-min=6.7km az=106.1

DJA 05 09:33:44, 1539S-16714E, h10km, mb5.7/35

ISC 05 09:33:44.8, 0.9, 1488S-003.1, 16688E, 002, h41km, 8km, h26km, 3.1km, pP-P, n971, 0.070/579, mb5.4/118, MS5.4/222, 204C-170D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, HNR Honiara, and various other locations.

NEIC 05 09:32:07.6, 1503N-9594W, h20km, 29km, MD4.0, 1C, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, EIDS Eidsvold, RAO Raoul Island, and various other locations.

JIRN	baz=89	88.80	299	eP	P	09 46 34.5	-0.3
B05A	comp=Z,74nm,0.9s,mb6.0	88.84	39	↑P	P	09 46 34.1	-0.3
E06A	baz=89,SNR=8.4	88.86	41	↑P	P	09 46 34.3	-0.2
WVOR	baz=89,SNR=8.6	88.86	46	eP	P	09 46 35.6	+0.9
WVOR	comp=Z,21nm,1.1s,mb5.4				MLR		
WVOR	comp=Z,2um,20.0s,MSS.5	88.86	46	eP	P	09 46 35.6	+0.9
WVOR	comp=Z,21nm,1.1s,mb5.4				LR		
C05A	comp=Z,2um,20.0s,MSS.5	88.86	40	↑P	P	09 46 34.1	-0.5
I07A	baz=89,SNR=5.3	88.88	44	↑P	P	09 46 34.8	+0.1
P09A	baz=89,SNR=23	88.90	49	↑P	P	09 46 34.3	-0.6
V11A	Goodesprings	88.93	53	↑P	P	09 46 34.9	-0.2
Y12C	Blythe	88.96	55	↑P	P	09 46 35.5	+0.1
L08A	Fields	88.97	46	↑P	P	09 46 35.7	+0.5
H07A	Lands Inn, Kim	89.03	43	↑P	P	09 46 36.0	+0.6
K08A	Mann Creek Ran	89.07	45	↑P	P	09 46 35.5	-0.2
N09A	Rock Creek Ran	89.08	47	↑P	P	09 46 35.7	0.0
O09A	Fish Creek Ran	89.08	48	↑P	P	09 46 35.6	-0.1
R10A	Warm Springs	89.08	50	↑P	P	09 46 35.5	-0.3
GUN	Gumba	89.14	299	eP	P	09 46 36.0	-0.3
BMN	Battle Mountain	89.15	48	eP	P	09 46 36.9	+0.8
BMN	comp=Z,23nm,1.1s,mb5.4				MLR		
BMN	comp=Z,2um,22.0s,MSS.6	89.15	48	eP	P	09 46 36.9	+0.9
BMN	comp=Z,23nm,1.1s,mb5.4				LR		
A05A	comp=Z,2um,22.0s,MSS.6	89.15	39	↑P	P	09 46 35.0	-0.8
U11A	Corn Creek	89.16	52	↑P	P	09 46 36.0	-0.2
W12A	Cal Nev Ari	89.19	53	↑P	P	09 46 36.3	-0.1
Q10A	Clear Creek Ra	89.19	49	↑P	P	09 46 36.0	-0.3
D06A	Cle Elum	89.19	41	↑P	P	09 46 35.6	-0.0
G07A	Ruggs Ranch, H	89.21	43	↑P	P	09 46 36.0	-0.3
113A	Mohawk Valley,	89.26	56	↑P	P	09 46 36.4	-0.3
EBG	Ellensburg	89.26	41	↑P	P	09 46 37.0	+0.5
F07A	Phinny Hill Vi	89.28	42	↑P	P	09 46 36.2	-0.4
S11A	Rachel	89.28	51	↑P	P	09 46 36.0	-0.8
J08A	Circle Bar Ran	89.31	45	↑P	P	09 46 36.3	-0.4
M09A	Marrel Ranch,	89.33	47	↑P	P	09 46 36.7	-0.2
V12A	Nelson	89.34	53	↑P	P	09 46 36.6	-0.5
TBM	Table Mountain	89.34	41	↑P	P	09 46 37.3	+0.5
L10A	Wilkinson Ranc	89.39	46	↑P	P	09 46 36.7	-0.5
P09A	Eureka	89.41	49	↑P	P	09 46 36.8	-0.5
PKI	Pulchoki	89.44	299	eP	P	09 46 38.3	+0.6
PKI	comp=Z,101nm,0.9s,mb6.2	89.44	299	eP	P	09 46 38.3	+0.6
PDMCI	Parker Dam,Lak	89.44	54	↑P	P	09 46 37.2	-0.4
I08A	Drewsey	89.44	44	↑P	P	09 46 36.9	-0.4
PKIN	Phulchoki	89.45	299	eP	P	09 46 38.3	+0.5
Y13A	Salom	89.53	55	↑P	P	09 46 37.6	-0.4
T11A	Corn Creek, Al	89.55	51	↑P	P	09 46 37.6	-0.5
PRW	Prosser	89.56	42	↑P	P	09 46 38.6	+0.7
E07A	Sunnyrise	89.58	41	↑P	P	09 46 38.1	+0.1
K09A	Rome	89.58	46	↑P	P	09 46 37.8	-0.2
H08A	Prairie City	89.59	44	↑P	P	09 46 37.4	-0.7
LP1G	La Paz	89.61	65	LR	LR	10 18 18.8	
KKN	Kakani	89.61	299	eP	P	09 46 38.6	+0.1
KKN	comp=Z,58nm,0.7s,mb6.0	89.61	299	eP	P	09 46 38.6	+0.1
O10A	Cortez Mining,	89.62	48	↑P	P	09 46 37.5	-0.8
R11A	Troy Canyon, C	89.64	50	↑P	P	09 46 38.5	0.0
G08A	Pilot Rock	89.69	43	P	P	09 46 38.3	-0.2
DMN	Daman	89.70	299	eP	P	09 46 39.3	+0.3
HAWA	Hanford	89.72	42	eP	P	09 46 39.2	+0.6
HAWA	comp=Z,16nm,0.8s,mb5.4				LR		
D07A	Quincy	89.74	41	↑P	P	09 46 38.6	-0.1
Q11A	Duckwater	89.75	50	P	P	09 46 38.9	0.0
N10A	Dunphy	89.75	48	↑P	P	09 46 39.3	+0.3
X13A	Yucca	89.77	54	↑P	P	09 46 39.5	+0.3
J09A	Fry Pan Ranch,	89.79	45	↑P	P	09 46 38.9	-0.1
U12A	Valley of Fire	89.80	52	↑P	P	09 46 39.0	-0.3
GBL	Gable Mountain	89.85	41	P	P	09 46 39.9	+0.7
C07A	Waterville	89.88	40	↑P	P	09 46 39.1	-0.2
W13A	Hualapai Mount	89.89	54	↑P	P	09 46 39.3	-0.4
P11A	Circle Ranch,	89.91	49	↑P	P	09 46 39.6	-0.1
S12A	Delamar Landin	89.94	51	↑P	P	09 46 40.1	+0.3
F08A	Pendleton	89.99	42	↑P	P	09 46 39.5	-0.4
M10A	I.L. Ranch, Tu	90.00	47	P	P	09 46 40.4	+0.3
I09A	Lost Marbles R	90.02	44	P	P	09 46 40.5	+0.4
TIXI	Tiksi	90.05	349	iP	P	09 46 38.2	-1.4
TIXI	comp=Z,34nm,1.0s,mb5.6				MLR		
TIXI	comp=Z,719nm,18.0s,MSS.2	90.05	349	iP	P	09 46 38.8	-0.8
V13A	Grand Canyon W	90.05	53	↑P	P	09 46 39.9	-0.5
E08A	Dider Farm, Ei	90.06	42	↑P	P	09 46 39.9	-0.3
Z17A	Wintersburg	90.09	56	↑P	P	09 46 40.6	-0.1
B04A	Winthrop	90.13	40	↑P	P	09 46 40.2	-0.2
O11A	Cowboy Ranch,	90.17	48	↑P	P	09 46 40.7	-0.2
A07A	Ashnola River	90.20	39	↑P	P	09 46 40.3	-0.5
K10A	MacKenzie Ran	90.20	46	↑P	P	09 46 40.5	-0.5
GKN	Gorkha	90.22	299	eP	P	09 46 41.0	-0.4

Y14A	Wickenburg	90.22	55	↑P	P	09 46 40.6	-0.7
L10A	Juniper Basin	90.24	46	↑P	P	09 46 40.9	-0.3
H09A	H09A Durkee	90.32	44	↑P	P	09 46 40.9	-0.6
R12A	Pony Springs,	90.36	50	↑P	P	09 46 41.8	0.0
D08A	Wollman Farm,	90.36	41	↑P	P	09 46 40.9	-0.6
Q12A	Willow Creek R	90.42	50	↑P	P	09 46 42.0	-0.1
T13A	Salt George	90.47	52	↑P	P	09 46 42.0	-0.4
115A	Sonoran Desert	90.47	56	↑P	P	09 46 42.3	-0.1
X14A	Yava	90.47	55	↑P	P	09 46 42.4	-0.1
J10A	Berg Farm, Mel	90.50	45	↑P	P	09 46 42.9	+0.6
P12A	McGill	90.50	49	↑P	P	09 46 42.4	-0.1
M11A	Holland Ranch,	90.50	47	↑P	P	09 46 42.4	0.0
F09A	S2 Ranch, Elji	90.53	43	↑P	P	09 46 42.0	-0.4
C08A	Higginbotham F	90.55	40	↑P	P	09 46 43.2	+0.7
W14A	Seligman	90.55	54	↑P	P	09 46 42.9	+0.2
B08A	Colville Reser	90.58	40	↑P	P	09 46 41.8	-0.7
BMO	Blue Mountains	90.62	44	eP	P	09 46 43.3	+0.4
BMO	comp=Z,14nm,0.9s,mb5.3				MLR		
BMO	comp=Z,1um,20.0s,MSS.4	90.62	44	eP	P	09 46 43.3	+0.4
BMO	comp=Z,14nm,0.9s,mb5.3				LR		
E09A	Wood Farm, Sta	90.66	42	↑P	P	09 46 42.7	-0.3
V14A	Boquillas Ranc	90.66	53	↑P	P	09 46 43.5	+0.2
S13A	Holt Ranch, En	90.68	51	↑P	P	09 46 43.2	-0.1
I10A	Payette	90.70	44	↑P	P	09 46 43.1	-0.1
Z15A	Gila River Ind	90.70	56	↑P	P	09 46 43.3	-0.2
D09A	Jones Farm, Ri	90.75	41	↑P	P	09 46 43.0	-0.4
Y15A	Casa Rosa Ran	90.76	55	↑P	P	09 46 43.6	-0.2
L11A	Cat Creek Ranc	90.77	47	↑P	P	09 46 43.4	-0.3
K11A	Parker Ranch,	90.78	46	↑P	P	09 46 43.3	-0.4
A08A	Turner Farm, O	90.84	39	↑P	P	09 46 43.4	-0.4
U14A	Mt Trumbull	90.84	53	↑P	P	09 46 44.2	+0.1
116A	Ely	90.85	57	↑P	P	09 46 44.1	-0.1
N12A	Clover Valley,	90.85	48	↑P	P	09 46 44.0	-0.1
O12A	Currie	90.88	49	↑P	P	09 46 44.0	-0.2
Z16A	Three Points,	90.89	57	↑P	P	09 46 44.8	+0.4
G10A	Bishop Farm, J	90.90	43	↑P	P	09 46 43.6	-0.6
H10A	Noah's Angus R	90.91	44	↑P	P	09 46 43.8	-0.3
Q13A	Wheeler Ranch,	90.99	50	↑P	P	09 46 44.5	-0.2
X15A	Humboldt	90.99	55	↑P	P	09 46 44.4	-0.5
KOLN	Koldana	91.03	298	eP	P	09 46 44.8	-0.4
C09A	Chrisman Ranch	91.04	41	↑P	P	09 46 43.8	-0.9
CCUT	Cedar City	91.05	51	eP	P	09 46 46.0	+1.0
DANN	Dangsing	91.06	299	eP	P	09 46 44.3	-1.0
ARUT	Antelope Range	91.06	51	eP	P	09 46 45.9	+0.8
F10A	Beach Ranch, E	91.06	43	↑P	P	09 46 44.2	-0.7
T14A	Hurante	91.11	52	↑P	P	09 46 45.0	-0.3
M12A	Wells	91.12	47	↑P	P	09 46 45.0	-0.3
MFID	Caine Ranch	91.14	45	↑P	P	09 46 44.9	-0.4
P13A	Bates Ranch, G	91.15	50	↑P	P	09 46 45.0	-0.5
I11A	Placerville	91.21	45	↑P	P	09 46 45.1	-0.5
S14A	Cedar City	91.26	51	↑P	P	09 46 45.5	-0.5
A09A	Danville	91.27	39	↑P	P	09 46 45.2	-0.5
L12A	House Creek Ra	91.29	47	↑P	P	09 46 45.8	-0.2
Z16A	Peralta Trail,	91.30	56	↑P	P	09 46 46.1	-0.2
B09A	Rio	91.34	40	↑P	P	09 46 45.6	-0.5
217A	Green Valley	91.35	58	↑P	P	09 46 46.9	+0.3
O13A	Hicks Ranch, I	91.39	49	↑P	P	09 46 46.6	0.0
D10A	Wagner Farm, O	91.41	42	↑P	P	09 46 46.3	-0.2
Y16A	Circle Bar Ran	91.42	55	↑P	P	09 46 47.5	+0.6
V15A	Kaibab Nationa	91.44	53	↑P	P	09 46 47.3	+0.4
H11A	Donnelly	91.44	44	↑P	P	09 46 46.4	-0.2
N13A	Wendover, West	91.45	48	↑P	P	09 46 47.1	+0.3
G11A	Walters Elk R	91.50	43	↑P	P	09 46 4	

Table with columns: Station, Frequency, Power, Direction, Time, etc. Includes stations like Madison River, Boulder Array, Albuquerque, etc.

Table with columns: Station, Frequency, Power, Direction, Time, etc. Includes stations like Jewell Farm, Oxford, Hopedale, etc.

Table with columns: Station, Frequency, Power, Direction, Time, etc. Includes stations like Novokhopersk, Peaks-Kenny Pk, Obninsk, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Stebnicka Huta, Ojcow, Cervenica-Dubn, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Molkenrain, MABI, THEF, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like MVO Moncorvo, ESDC Castelo Branco, etc.

5d 10h

B05A	Bryant	88.93	39	↑P	P	09 56 41.1	0.0
E06A	Yakima	88.94	41	↓P	P	09 56 41.7	+0.4
WVOR	Wild Horse Val	88.95	46	↓P	Pmax	09 56 41.6	+0.2
WVOR	Wild Horse Val	88.95	46	↓P	Pmax	09 56 41.6	+0.2
I07A	Izebe	88.97	44	↓P	P	09 56 41.3	-0.1
P09A	Austin	88.99	49	↑P	P	09 56 41.5	-0.2
V11A	Goodsprings	89.02	53	↓P	P	09 56 41.7	-0.1
Y12C	Blythe	89.06	55	↑P	P	09 56 41.6	-0.5
L08A	Fields	89.06	46	↓P	P	09 56 42.0	0.0
H07A	Lands Inn, Kim	89.11	43	↑P	P	09 56 41.6	-0.5
K08A	Mann Creek Ran	89.16	45	↑P	P	09 56 42.2	-0.2
N09A	Rock Creek Ran	89.17	47	↑P	P	09 56 42.2	-0.2
O09A	Fish Creek Ran	89.17	48	↓P	P	09 56 42.6	+0.1
R10A	Warm Springs	89.18	50	↑P	P	09 56 42.2	-0.3
D06A	Cle Elum	89.28	41	↑P	P	09 56 43.2	+0.4
Q10A	Clear Creek Ra	89.28	50	↓P	P	09 56 43.1	+0.1
G07A	Ruggs Ranch, H	89.30	43	↓P	P	09 56 42.8	-0.1
I13A	Mohawk Valley,	89.35	56	↑P	P	09 56 43.3	-0.3
F07A	Phinny Hill Vi	89.37	42	↑P	P	09 56 43.6	+0.4
J08A	Circle Bar Ran	89.39	45	↓P	P	09 56 43.5	+0.1
V12A	Nelson	89.43	53	↓P	P	09 56 44.1	+0.3
L09A	Wilkinson Ranc	89.47	46	↑P	P	09 56 43.9	0.0
O08A	Drewsey	89.53	44	↓P	P	09 56 44.1	+0.1
PDMC1	Parker Dam,Lak	89.53	54	↓P	P	09 56 44.4	+0.1
Y13A	Salome	89.52	56	↓P	P	09 56 45.1	+0.4
T11A	Corn Creek, Al	89.64	51	↓P	P	09 56 45.0	+0.2
K09A	Rome	89.67	46	↓P	P	09 56 44.9	+0.1
H08A	Prairie City	89.68	44	↓P	P	09 56 44.5	-0.3
R11A	Troy Canyon, C	89.73	50	↑P	P	09 56 45.2	0.0
G08A	Pilot Rock	89.77	43	↓P	P	09 56 45.1	-0.1
Q11A	Duckwater	89.84	50	↓P	P	09 56 45.3	+0.2
X13A	Yucca	89.86	54	↓P	P	09 56 45.9	0.0
J09A	Fry Pan Ranch,	89.88	45	↓P	P	09 56 45.9	+0.1
W13A	Hualapai Mount	89.98	54	↓P	P	09 56 46.8	+0.4
S12A	Delamar Landin	90.04	51	↓P	P	09 56 47.2	+0.6
MDRS	Chennai	90.04	283	ex	x	09 56 12.3	
MDRS				ex	x	10 25 40.3	
MDRS				ex	x	10 28 00.3	
MDRS				ex	x	10 31 36.3	
MDRS				ex	x	10 32 28.3	
TXI	Tiksi	90.06	349	ex	pmax	09 56 44.1	-1.9
TXI	Tiksi	90.06	349	ex	pmax	09 56 45.4	-0.5
TXI	Tiksi	90.06	349	ex	pmax	09 56 47.2	+0.5
M10A	LL Ranch, Tu	90.09	47	↓P	P	09 56 47.0	+0.2
O09A	Lost Marbles R	90.11	44	↓P	P	09 56 47.0	+0.2
V13A	Grand Canyon W	90.14	53	↓P	P	09 56 47.3	+0.2
E08A	Dider Farm, El	90.15	42	↑P	P	09 56 46.9	0.0
Z14A	Wintersburg	90.19	56	↓P	P	09 56 46.7	-0.0
B07A	Winthrop	90.22	40	↓P	P	09 56 46.6	-0.6
A07A	Ashnola River,	90.28	39	↑P	P	09 56 47.7	+0.2
K10A	MacKenzie Ranc	90.29	46	↓P	P	09 56 47.8	+0.1
Y14A	Wickenburg	90.31	55	↓P	P	09 56 47.5	-0.5
L10A	Juniper Basin	90.33	46	↓P	P	09 56 47.9	0.0
H09A	Durkee	90.43	44	↓P	P	09 56 47.6	-0.5
D08A	Wolman Farm,	90.44	41	↓P	P	09 56 48.0	-0.2
R12A	Pony Springs,	90.45	50	↓P	P	09 56 48.9	+0.3
Q12A	Willow Creek R	90.51	50	↓P	P	09 56 48.8	0.0
T13A	Saint George R	90.56	52	↓P	P	09 56 49.5	+0.5
I15A	Sonoran Desert	90.56	56	↓P	P	09 56 49.1	0.0
X14A	Yava	90.56	55	↓P	P	09 56 49.7	+0.6
P12A	McGill	90.59	49	↓P	P	09 56 49.5	+0.3
M11A	Holland Ranch,	90.59	47	↓P	P	09 56 49.7	+0.6
C08A	Higginbotham F	90.63	40	↑P	P	09 56 49.2	0.0
W14A	Seligman	90.64	54	↓P	P	09 56 49.9	+0.4
B08A	Colville Reser	90.67	40	↑P	P	09 56 48.9	-0.3
BMO	Blue Mountains	90.71	44	↓P	Pmax	09 56 49.3	-0.3
BMO	Blue Mountains	90.71	44	↓P	Pmax	09 56 49.2	-0.3
V14A	Boquillas Ranc	90.75	53	↓P	P	09 56 50.0	0.0
S13A	Holt Ranch, En	90.77	51	↑P	P	09 56 50.6	+0.0
D09A	Jones Farm, Ri	90.84	41	↓P	P	09 56 50.1	0.0
Y15A	Casa Rosa Ranch	90.85	55	↓P	P	09 56 50.8	+0.3
L11A	Cat Creek Ranc	90.86	47	↓P	P	09 56 50.7	+0.4
K11A	Parker Ranch,	90.87	46	↓P	P	09 56 50.5	+0.0
A08A	Turner Farm, O	90.92	39	↑P	P	09 56 50.1	-0.3
U14A	Wit Trumbull	90.93	53	↓P	P	09 56 51.4	+0.6
N12A	Clover Valley,	90.94	48	↑P	P	09 56 50.9	+0.2
O12A	Currie	90.97	49	↓P	P	09 56 50.9	+0.1
T16A	Three Points,	90.98	57	↑P	P	09 56 50.6	-0.6
G10A	Bishop Farm, J	90.99	43	↓P	P	09 56 50.5	-0.4
H10A	Noah's Angus R	90.99	44	↓P	P	09 56 50.4	-0.5
F15A	Humboldt	91.09	55	↓P	P	09 56 52.0	+0.5
X10A	Beach Ranch, E	91.15	43	↓P	P	09 56 51.2	-0.4
T14A	Hurricane	91.20	52	↑P	P	09 56 51.9	-0.2
M12A	Camas Ranch	91.21	47	↓P	P	09 56 51.8	-0.2
MFID	Camas Ranch	91.22	45	↓P	P	09 56 51.9	-0.1
P13A	Bates Ranch, G	91.24	50	↓P	P	09 56 52.0	-0.1

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I11A	Placerville	91.30	45	↓P	P	09 56 52.2	-0.1
A09A	Danville	91.35	39	↑P	P	09 56 52.1	-0.3
L12A	House Creek Ra	91.37	47	↓P	P	09 56 53.1	+0.4
B09A	Rice	91.42	40	↑P	P	09 56 52.8	0.0
Z17A	Green Valley	91.44	58	↓P	P	09 56 53.4	+0.2
O13A	Hicks Ranch, I	91.48	49	↑P	P	09 56 53.2	-0.1
D10A	Waser Farm, O	91.49	42	↑P	P	09 56 52.9	-0.3
Y16A	Circle Bar Ran	91.51	55	↓P	P	09 56 54.0	+0.4
H11A	Donnelly	91.53	44	↓P	P	09 56 52.5	-0.8
V15A	Kaibab Natona	91.53	53	↓P	P	09 56 53.8	+0.2
G11A	Walters Elm R	91.59	43	↓P	P	09 56 53.7	+0.1
K12A	Draper Farm, C	91.61	46	↓P	P	09 56 53.8	0.0
TUC	Tucson	91.62	57	ex	pmax	09 56 54.0	-0.1
TUC	Tucson	91.62	57	ex	pmax	09 56 54.0	-0.1
U15A	North Rim	91.62	53	↑P	P	09 56 54.2	+0.2
J12A	Stokes Ranch,	91.67	46	↓P	P	09 56 54.4	+0.3
X16A	Lo Mita Camp, P	91.69	55	↓P	P	09 56 54.1	-0.3
T15A	Red Dirt Ranch	91.72	52	↓P	P	09 56 54.4	-0.1
I17A	Oracle	91.73	57	↑P	P	09 56 54.5	-0.1
M13A	Moquillo	91.73	48	↓P	P	09 56 54.5	+0.1
W16A	Flagstaff	91.82	54	↑P	P	09 56 55.2	+0.2
F11A	Grangeville	91.83	43	↑P	P	09 56 53.3	-1.4
E11A	Bogner Ranch,	91.95	42	↑P	P	09 56 54.3	-0.9
Y17A	Roosevelt	91.96	56	↓P	P	09 56 55.1	-0.5
NEW	Newport	92.01	40	ex	pmax	09 56 54.7	-0.8
NEW	Newport	92.01	40	ex	pmax	09 56 54.7	-0.8
318A	Bisbee	92.02	58	↑P	P	09 56 55.7	-0.2
WUAZ	Wupatki	92.06	54	↑P	P	09 56 55.8	-0.2
D11A	Klaveano Farm,	92.10	42	↑P	P	09 56 54.8	-1.2
Z18A	Dragoon	92.12	58	↓P	P	09 56 56.6	+0.1
X17A	Forest Lakes	92.17	55	↑P	P	09 56 56.5	-0.2
HLID	Hailey	92.25	46	↑P	P	09 56 56.6	-0.4
MSU	Mauiavale	92.32	51	ex	P	09 56 56.8	-0.4
M14A	Sheep Mountain	92.36	48	↑P	P	09 56 57.2	-0.1
J13A	Cove Ranch, Pi	92.36	46	↓P	P	09 56 56.8	-0.4
I18A	Hotack Ranch,	92.37	57	↓P	P	09 56 58.0	+0.4
F12A	Elk City	92.38	43	↑P	P	09 56 56.9	-0.3
U16A	Tube City	92.43	53	↓P	P	09 56 58.4	+0.6
WMQ	Urumqi	92.53	315	↓P	P	09 56 58.2	+0.2
I13A	Wildhorse Cree	92.56	45	↑P	P	09 56 58.3	+0.1
319A	Douglas	92.59	58	↑P	P	09 56 58.6	0.0
H13A	Challis	92.67	45	↓P	P	09 56 59.5	+0.9
A11A	Hall Mountain,	92.72	40	↑P	P	09 56 58.8	0.0
D12A	Red Ives Fores	92.73	42	↓P	P	09 56 58.4	-0.4
Z19A	White Tail Can	92.77	58	↓P	P	09 56 59.5	0.0
MAIT	Maitri	92.80	188	ex	P	09 56 58.4	-0.5
W18A	Petrified Fore	93.24	55	↑P	P	09 57 01.5	0.0
V18A	Ganado	93.25	54	↑P	P	09 57 01.6	+0.1
W19A	Sanders	93.51	55	↓P	P	09 57 03.3	+0.6
B13A	Whitefish	93.72	41	↓P	P	09 57 02.5	-0.9
VNA2	Neumayer-Watz	94.28	182	ex	P	09 57 05.6	0.0
VNA2				e	p	09 57 09.4	
VNA2				e	p	09 57 15.0	-0.8
VNA1	Neumayer-Stat	94.58	182	ex	P	09 57 07.1	+0.1
VNA1				e	p	09 57 11.1	
VNA1				e	p	09 57 16.8	-0.4
BOZ	Bozeman (W)	94.77	44	↑P	P	09 57 08.1	-0.2
ANMO	Albuquerque	95.79	56	↓P	P	09 57 13.6	+0.4
TXAR	Lajitas Arroy	96.78	62	↓P	P	09 57 16.6	-1.2
MK31	Makanchi Array	97.02	316	ex	P	09 57 18.9	+0.4
MKAR	Makanchi Array	97.02	316	ex	P	09 57 19.2	+0.7
MKAR	Makanchi Array	97.02	316	ex	P	09 57 19.2	+0.7
ZALV	Zalesovo Beam	97.27	324	↓P	P	09 57 19.2	+0.7
ZAL	Zalesovo	97.28	324	↓P	P	09 57 19.1	-0.4
YKA	Yellowknife Ar	97.93	27	↓P	P	09 57 20.5	-1.7
YKA	Yellowknife Ar	97.93	27	↓P	P	09 57 20.5	-1.7
PARMO	Parma	109.45	56	ex	PKPKP	10 02 09.4	-8.0
LPAZ	La Paz	117.53	118	ex	PKPKP	10 02 33.6	+0.2
ARCES	ARCES Array B	120.32	345	ex	PKPKP	10 02 37.3	+0.1
CPUP	Villa Florida	120.66	333	ex	PKPKP	10 02 38.2	-1.0
SDV	Santo Domingo	123.62	89	ex	PKPKP	10 02 44.3	-0.9
OBN	Obninsk	124.61	328	ex	PKPKP	10 02 46.1	+0.2
OBN	Obninsk	124.61	328	ex	PKPKP	10 14 34.0	+1.2
KAF	Kangasniemi	125.20	339	ex	Pmax	10 02 09.6	
KAF	Kangasniemi	125.20	339	ex	PKPKP	10 02 09.6	
FIA1	FINESS Array B	125.72	338	ex	PKPKP	10 02 47.6	-0.2
FINES	FINESS Array B	125.73	338	ex	PKPKP	10 02 47.7	-0.2
FINES	FINESS Array B	125.73	338	ex	PKPKP	10 02 47.7	-0.2
ANN	Anapa	128.03	316	ex	PKPKP	10 02 52.1	-0.7
ANN	Anapa	128.03	316	ex	PKPKP	10 02 52.1	-0.7
AKASO	Malin Array Be	130.63	326	ex	PKPKP	10 02 57.8	+0.3
AKASG	Malin Array Be	130.63	326	ex	PKPKP	10 05 17.3	+4.8
AKASG	Malin Array Be	130.63	326	ex	PKPKP	10 02 57.8	+0.3
AKASG	Malin Array Be	1					

5d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Champ du Feu, Toulx Ste Croi, Les Rejaudoux, Valcebollere, etc.

ISC/JB 05 10:13:57.3-0.7, 7940N,0.10,170W,0.3, h10km, mb3.8/9, Error ellipse: s-maj=13.8km s-min=8.3km az=173.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Danmarks Havn, Kingsbay, Spitsbergen Ar, etc.

IDC 05 10:32:31.6-6.4, 1480S,16632E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.2/2.3, Error ellipse: s-maj=139.3km s-min=41.3km az=28.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Mont Dzumac, Charters Tower, Fitzroy Crossi, etc.

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

BUI 05 10:40:05.5, 22896N, 10094E, h30km, ML3.6, Msz3.6

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

NEIC 05 10:49:24.3, 2906S, 7031W, h90km, MG3.8(GUC), After GUC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Las Campanas, Vallenar, La Serena, etc.

NSSC 05 10:57:00.3, 3648N, 2655E, h39km

CSEM 05 10:57:01.9, 0.1, 3625N, 2664E, h115km, mb4.3/2.3, Mw3.6

ISC/JB 05 10:57:02.3-0.1, 3620N, 2661E, h102km, mb4.3/2.3, Error ellipse: s-maj=2.5km s-min=1.7km az=29.0

BUI 05 10:57:02.4, 3630N, 2660E, h102km, mb5.1, mb4.6

IDC 05 10:57:02.6, 0.8, 3624N, 2669E, h102km, mb1.1km, mb4.0/1.4

ISC 05 10:57:03.3, 3627N, 2651E, h96km, MD3.9

MOS 05 10:57:03.2, 0.1, 3626N, 2652E, h128km, mb4.4/2.6, Error ellipse: s-maj=6.2km s-min=3.0km az=122.7

ATH 05 10:57:04.4, 3633N, 2658E, h102km, ML4.2

NEIC 05 10:57:04.4, 3633N, 2658E, h102km, mb4.4/5.4, After ATH

THE 05 10:57:05.0, 3623N, 2668E, h107km, ML4.8

NIC 05 10:57:06.2, 0.3, 3668N, 2704E, h5km, mb4.4, ML4.0, MW3.6

GII 05 10:57:08.0, 0.0, 3576N, 2734E, h0km, 1km, mb4.3/5, ML4.2/5

HLW 05 10:57:12.9, 3544N, 2705E, h33km, Mb4.9

ISC 05 10:57:03.4, 0.1, 3620N, 2661E, h102km, mb4.3/2.3, Error ellipse: s-maj=1469.9, s107/522, mb4.2/38, 13C-29D, Decadecanese Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Ezine, Bozcaada, Gediz, Tokmak, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like TIRR, HMDT, KZIT, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like MOTA, FETA, RETA, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like THEF, RUP, LBL, etc.

SRN			Sg	11 51 24.4 +3.6	DALT	Dalyan (Mudla)	5.85 105 ePN	Pn	11 51 49.2 +0.8	OBKA	Obir	9.51 329 iPN	Pn	11 52 37.0 -1.4	
KEK	Kerkira	1.83 310 ePN	Pn	11 50 52.6 -0.4	DALT	Dalyan (Mudla)	5.85 105 ePN	Pn	11 51 51.5 +3.1	OBKA			Pn	11 52 49.6 -5.5	
KEK		eSN	Pn	11 51 15.8 -0.2	ELBA	Catalca	5.86 62 iP	Pn	11 51 55.2 +6.8	BALT	Daday	9.52 68 iP	Pn	11 54 03.0 +4.4	
PTL	Penteli	1.84 105 ePN	Pn	11 50 53.0 -0.3	PSB1	Pescosannita	5.87 299 P	Pn	11 51 49.3 +0.7	LEF	Lefka	9.67 107 ePN	Pn	11 52 41.3 +0.5	
KVR	Kavouri	1.85 112 ePB	Pn	11 50 51.5 -1.8	RAFF	Raffo Rosso	5.88 259 P	Pn	11 51 51.0 +2.2	LEF	Lefka	9.67 107 ePN	Pn	11 52 41.5 +0.7	
PAIG	Pailiuri	2.12 49 ePN	Pn	11 50 55.3 -1.8	RAFF	Raffo Rosso	5.88 259 P	Pn	11 51 51.0 +2.2	FNDV	Fontana Vidola	9.68 309 P	Pn	11 52 33.0 +2.2	
KBN		iSN	Pb	11 51 01.3 +0.2	DENT	Denizi	5.91 95 eP	Pn	11 51 50.6 +1.5	ARSA	Arzberg	9.77 335 iPN	Pn	11 52 40.4 -1.7	
FNA	Florina	2.24 356 ePN	Sg	11 51 37.3 +5.5	FG2	Serracapirola	5.91 305 P	Pn	11 51 49.1 -0.1	ARSA			Pn	11 52 40.4 -1.7	
PLG	Polygyros	2.32 37 ePN	Pn	11 50 58.3 -1.4	CSLB	Castelbuono	5.92 267 P	Pn	11 51 52.0 +2.0	SWA2		9.81 160 P	S	11 54 26.4 -5.2	
HTS	Thessaloniki	2.35 29 ePN	Pn	11 50 58.3 -1.4	GIB	Gibilumma	5.99 267 P	Pn	11 51 53.4 +3.1	SWA2				11 52 40.9 -1.9	
PORT	Porti	2.35 29 ePN	Pn	11 50 58.3 -1.4	CIGN	Sant'Elia a Pi	6.00 303 P	Pn	11 51 50.9 +0.5	SOP	Sopron	9.85 340 eP	Pn	11 52 39.4 -3.7	
BIA	Bitola	2.48 355 iPN	Pn	11 51 03.1 +1.1	GEMT	Gemlik	6.16 70 eP	Pn	11 51 53.8 +1.2	SWA1		9.86 159 iP	Pn	11 52 41.5 -2.0	
BIA	Bitola	2.48 355 iPN	Pn	11 51 03.1 +1.1	GDZ	Gezid	6.17 83 iP	Pn	11 51 55.1 +2.3	GMNA	Gemona	9.89 324 P	Pn	11 52 43.3 -0.5	
OHR	Ohrid	2.64 347 ePN	Pn	11 51 05.8 +1.6	SGG	Gregorio Mates	6.24 299 P	Pn	11 51 54.4 +0.8	ALAS	Alona	9.92 338 iP	Pn	11 52 42.1 -2.1	
OHrid		ePN	Pn	11 51 05.8 +1.6	FETY	Fethiye	6.24 105 ePN	Pn	11 51 55.4 +1.7	PTCC	Pattacco-Chiusa	9.94 325 P	Pn	11 52 43.2 -1.2	
SOH	Sokhos	2.64 340 iPN	Pn	11 51 03.3 -1.0	SEZY	Suzie	6.24 105 ePN	Pn	11 51 55.4 +1.7	KECS	Keccov	9.97 356 iPN	Pn	11 52 44.7 -0.1	
KRUS	Krusevo	2.83 355 iPN	Pn	11 51 08.9 +2.0	ISK	Istanbul-Kandi	6.27 64 ePN	Pn	11 51 56.0 +1.9	KIS	Kishinev	9.97 30 eP	Pn	11 52 45.0 +0.2	
KRUS	Krusevo	2.83 355 iPN	Pn	11 51 08.9 +2.0	ISK	Istanbul-Kandi	6.27 64 ePN	Pn	11 51 56.0 +1.9	KIS		eS	Sn	11 54 32.0 -4.4	
VAY	Valandovo	2.87 15 ePN	Pn	11 51 07.0 -0.4	KLYT	Kilyos	6.33 62 ePN	Pn	11 51 56.9 +2.0	KIS	comp=N,2µm,10.0s		MLR	MLR	
VAY	Valandovo	2.87 15 ePN	Pn	11 51 07.0 -0.4	KLYT	Kilyos	6.33 62 ePN	Pn	11 51 56.9 +2.0	KIS			MLR	MLR	
LJA	Limnos Island	3.09 69 ePN	Pn	11 51 08.9 -1.5	VLV	Yalova	6.33 69 ePN	Pn	11 51 57.7 +2.7	KIS	comp=E,3µm,10.0s		MLR	MLR	
TIR	Tirane	3.10 335 iPN	Pn	11 51 14.3 +3.7	YLW	Yalova	6.33 69 ePN	Pn	11 51 57.7 +2.7	KIS	comp=Z,4µm,10.0s		MLR	MLR	
TIR	Tirane	3.10 335 P	Pn	11 51 14.3 +2.8	IZI	Iznik	6.35 71 ePN	Pn	11 51 56.2 +1.0	KIS	comp=Z,4µm,12.0s		MLR	MLR	
STIP	Stip	3.18 8 ePN	Pn	11 51 12.6 +0.8	IZI	Iznik	6.35 71 ePN	Pn	11 51 56.2 +1.0	KIS	comp=Z,2µm,10.0s		MLR	MLR	
STIP	Stip	3.18 8 iPN	Pn	11 51 12.6 +0.8	PRD	Provincia	6.39 42 iP	Pn	11 51 55.3 -0.5	KIS	comp=Z,4µm,12.0s		MLR	MLR	
LCI	Lecce	3.24 305 P	Pn	11 51 12.7 +0.2	MIDA	Miranda	6.43 301 P	Pn	11 51 57.2 +0.9	KIS		9.97 30 ePN	Sn	11 52 50.0 -4.4	
PHR	Peshkopia	3.29 34.7 iPN	Pn	11 51 14.2 +1.0	RRI	Roccamanfina	6.47 398 P	Pn	11 51 58.1 +1.2	KIS		eLO	LR	11 56 32.0	
NVR	Neurokopia	3.29 31 P	Pn	11 51 14.2 +1.0	RRI	Roccamanfina	6.47 398 P	Pn	11 51 58.1 +1.2	KIS		eLR	LR	11 56 32.0	
SKO	Skopje	3.42 358 iPN	Pn	11 51 16.7 +1.7	ADVT	Abdulvahap	6.57 71 ePN	Pn	11 52 00.7 +2.5	KIS	comp=Z,2µm,10.0s				
APE	Apeiranthos	3.44 114 P	Pn	11 51 15.4 +0.2	ADVT	Abdulvahap	6.57 71 ePN	Pn	11 52 00.7 +2.5	KIS					
MMB	Musumiste	3.45 27 iPN	Pn	11 51 15.8 +0.5	USVI	Ustica	6.60 274 P	Pn	11 51 58.0 -0.6	MPRI	Monte Prata	9.98 323 iPN	Pn	11 52 44.0 -1.0	
MMB	Musumiste	3.45 27 iPN	Pn	11 51 15.8 +0.5	HRT	Hereke	6.62 67 ePN	Pn	11 52 01.3 +2.4	MYKA	Myra Mystica	9.98 327 iPN	Pn	11 52 43.0 -2.0	
BOZ	Bozcaada	3.69 68 iP	Pn	11 51 18.1 -0.6	HRT	Hereke	6.62 67 ePN	Pn	11 52 01.3 +2.4	CVKA					
GADA	Gvkgeada	3.71 62 ePN	Pn	11 51 19.1 +0.2	ALT	Altintas	6.66 83 ePN	Pn	11 52 01.8 +2.3	CDAG	Cicekdag	9.98 80 P	Pn	11 52 43.3 -0.7	
GADA	Gvkgeada	3.71 62 ePN	Pn	11 51 19.1 +0.2	ALT	Altintas	6.66 83 ePN	Pn	11 52 01.8 +2.3	CSS	Prodhromos	10.06 107 ePN	Pn	11 52 47.4 +1.2	
PUK	Puka	3.73 340 iPN	Pn	11 51 21.7 +2.5	CLTB	Caltabellotta	6.69 264 P	Pn	11 52 02.3 +2.4						
SANT	Santorini	3.76 124 ePN	Pn	11 51 19.8 +0.2	VENTO	Ventotene	6.70 292 P	Pn	11 51 59.9 -0.1	CSS	comp=Z,60nm,0.9s		eSN	Sn	11 54 41.2 +2.3
SANT	Santorini	3.76 124 ePN	Pn	11 51 19.8 +0.2	VENTO	Ventotene	6.70 292 P	Pn	11 51 59.9 -0.1	CSS			eSN	Sn	11 54 41.2 +2.3
VAM	Vamos	3.76 146 P	Pn	11 51 22.0 +2.4	LTBO		6.75 163 iP	Pn	11 52 01.3 +0.6	LFK	Lefkose	10.09 105 ePN	Pn	11 52 48.4 +1.1	
TIP	Timpagrande	3.84 281 Pn	Pn	11 51 20.9 +0.2	SDI	San Donato	6.76 300 P	Pn	11 52 01.7 +0.9	LFK	Lefkose	10.09 105 ePN	Pn	11 52 48.4 +1.1	
ULC	Ulcinj	3.86 333 iPN	Pn	11 51 21.0 +0.8	SDI	San Donato	6.76 300 P	Pn	11 52 01.7 +0.9	UZH	Uzhgorod	10.09 3 eP	Pn	11 52 46.5 0.0	
ULC		eSN	Sn	11 52 07.0 +0.8	ELL	Ellmali	6.83 103 eP	Pn	11 52 04.5 +2.8	PLZH			eS	Sn	11 54 40.5 +1.0
EZN	Ezine	3.88 69 ePN	Pn	11 51 22.3 +0.9	ELL	Ellmali	6.83 103 eP	Pn	11 52 04.5 +2.8	LYHS	Vynne	10.14 325 iPN	Pn	11 52 47.0 -0.1	
EZN	Ezine	3.88 69 ePN	Pn	11 51 22.3 +0.9	INTR	Introdacqua	6.83 303 P	Pn	11 52 01.9 +0.1	YEST		10.14 349 iPN	Pn	11 52 46.5 -0.7	
URLA	Uzmir	3.92 91 iP	Pn	11 51 21.9 +0.1	TKTP	Teketepe	6.87 92 iP	Pn	11 52 04.6 +2.3	KEST	comp=Z,0.3nm,0.3s,baz=19,slow=2.3,SNR=28				11 52 49.9 +2.1
PEZ	Pezze di Greco	3.94 306 ePN	Pn	11 51 22.0 -0.1	GZR	Gura Zlata	6.90 77 iP	Pn	11 52 04.2 +1.5	ZST	Bratislava	10.19 343 iPN	Pn	11 52 47.5 -0.3	
RNI	Rozhen	3.94 36 iP	Pn	11 51 22.3 +0.2	GZR	Gura Zlata	6.90 77 iP	Pn	11 52 04.2 +1.5	CORF	Corte	10.21 295 eP	Pn	11 52 48.8 +0.7	
RDO	Rodhopi	3.99 48 P	Pn	11 51 22.6 -0.2	VJLD	Viljevo	6.95 301.0.6	Pn	11 52 03.0 +3.0	CORM	Corum	10.22 77 ePN	Pn	11 52 48.9 +1.7	
RCJ	Rajcan Curri	3.04 78 iPN	Pn	11 51 23.6 +0.1	GPA	Golpazar	6.96 73 ePN	Pn	11 52 04.8 +1.2	CORM	Corum	10.22 77 ePN	Pn	11 52 48.9 +1.7	
AYVA	Ayvalik	4.04 78 iPN	Pn	11 51 23.6 +0.1	GPA	Golpazar	6.96 73 ePN	Pn	11 52 04.8 +1.2	CONA	Conrad Observa	10.27 338 iPN	Pn	11 52 47.3 -1.6	
AYVA	Ayvalik	4.04 78 iPN	Pn	11 51 23.6 +0.1	SHUT	Shut-Afyon	7.01 87 ePN	Pn	11 52 06.1 +1.8	CONA					
GRI	Girifalco	4.07 276 P	Pn	11 51 24.4 +0.6	SHUT	Shut-Afyon	7.01 87 ePN	Pn	11 52 06.1 +1.8	CONA	Conrad Observa	10.27 338 iPN	Pn	11 52 47.4 -1.5	
ENEZ	Enez	4.14 57 ePN	Pn	11 51 26.0 +1.2	BZN	Buzias	7.02 0 iPN	Pn	11 52 05.3 +0.3	KOLL	Kolacno	10.29 348 ePN	Pn	11 54 39.7 -4.1	
ENEZ	Enez	4.14 57 ePN	Pn	11 51 26.0 +1.2	BZN	Buzias	7.02 0 iPN	Pn	11 52 05.3 +0.3	KOLL	Kolacno	10.29 348 ePN	Pn	11 54 39.7 -4.1	
ALN	Alexandroupoli	4.15 54 ePN	Pn	11 51 25.3 +0.5	PSN	Preselentsi	7.07 14 eP	Pn	11 52 02.6 -3.4	CSMI	Casera Minoias	10.34 323 ePN	Pn	11 52 50.0 +1.0	
IDI	Anoyia	4.18 140 Pn	Pn	11 51 26.5 +1.1	GULT	Gulveren	7.14 72 ePN	Pn	11 52 07.5 +1.4	CRVS	Cervenica-Dubn	10.35 359 ePN	Pn	11 52 51.1 +0.1	
IDI		19nm,0.3s,baz=320,slow=13,SNR=47	LR	11 51 26.5	GULT	Gulveren	7.14 72 ePN	Pn	11 52 07.5 +1.4	AVNT	Avonos	10.37 85 iP	Pn	11 52 55.8 +5.5	
SMG	Samos	4.21 210 ePN	Pn	11 51 25.7 -0.1	BCK	Bucak	7.18 96 ePN	Pn	11 52 08.2 +1.6	MERS	Mersin	10.37 95 ePN	Pn	11 52 51.5 +1.1	
PVY	Plav	4.23 343 iPN	Pn	11 51 26.2 +0.1	BCK	Bucak	7.18 96 ePN	Pn	11 52 08.2 +1.6	MERS	Mersin	10.37 95 ePN	Pn	11 52 51.5 +1.1	
PVY		eSN	Pn	11 52 15.7 +0.4	ESKT	Eskisehir	7.26 79 ePN	Pn	11 52 09.4 +1.7	PIGF	Piogiogla	10.39 287 eP	Pn	11 52 56.1 +5.7	
TDS	Ternanova Siba	4.25 287 P	Pn	11 51 27.4 +1.1	ESKT	Eskisehir	7.26 79 ePN	Pn	11 52 09.4 +1.7	KOLS	Kolonickie sedl	10.40 2 ePN	Pn	11 52 52.0 +1.4	
BARS	Barje	4.27 2 ePN	Pn	11 51 27.7 +1.1	SEVT	Eskepheyh	7.26 79 iP	Pn	11 52 09.3 +1.6	KBA	Koelnbreinsper	10.46 327 iPN	Pn	11 52 49.9 -1.6	
LCB	Balcova	4.27 90 ePN	Pn	11 51 27.6 +1.0	AQU	L'Aquila	7.32 304 iPN	Pn	11 52 10.0 +1.5	KBA					
BLCB	Balcova	4.27 90 ePN	Pn	11 51 27.6 +1.0	AQU	L'Aquila	7.32 304 iPN	Pn	11 52 10.0 +1.5	KBA					
PLD	Plovidiv	4.27 33 ePN	Pn	11 51 26.5 -0.1	TERO	Teramo	7.33 306 P	Pn	11 52 09.2 +0.6	KBA					
PLD	Plovidiv	4.27 33 ePN	Pn	11 51 26.5 -0.1	TERO	Teramo	7.33 306 P	Pn	11 52 09.2 +0.6	KBA					
PDG	Podgorica	4.27 336 iPN	Pn	11 51 26.7 0.0	VOIR	Voiron	7.35 19 iPN	Pn	11 52 10.0 +1.1	KBA					
ITG	Podgorica	4.27 336 iPN	Pn	11 51 26.7 0.0	VOIR	Voiron	7.35 19 iPN	Pn	11 52 10.0 +1.1	KBA					
TTG		eSN	Sn	11 52 16.7 +0.4	VOIR	Voiron	7.35 19 iPN	Pn	11 52 10.0 +1.1	KBA					
ORI	Oriolo Calabro	4.28 292 P	Pn	11 51 27.4 +0.7	ANTB	Antalya	7.36 100 ePN	Pn	11 52 09.8 +1.0	EREN	Erenkoy	10.48 103 ePN	Pn	11 52 53.0 +1.1	
BUM	Brajici-Budva	4.28 332 iPN	Pn	11 51 26.9 +0.1	ANTB	Antalya	7.36 100 ePN	Pn	11 52 11.1 +2.0	EREN	Erenkoy	10.48 103 ePN	Pn	11 52 53.3 +3.4	
BUM		eSN	Sn	11 52 16.8 +0.2	ANTB	Antalya	7.36 100 ePN	Pn	11 52 11.1 +2.0	LJFR	Jutra	10.58 209 iP	Pn	11 52 50.9 -2.3	
LPM	Lapseki	4.39 64 ePN	Pn	11 51 26.5 +0.2	MTCE	Montecelio	7.40 300 P	Pn	11 52 12.2 +3.2	LJFR					
LPM	Lapseki	4.39 64 ePN	Pn	11 51 26.5 +0.2	MTCE	Montecelio	7.40 300 P	Pn	11 52 12.2 +3.2	LJFR					
SOI	Samo	4.39 266 P	Pn	11 51 28.2 -0.1	ISPR	Istria	7.53 28 iPN	Pn	11 52 11.4 -1.4	LJFR					
SG1	Spolgorje (BA)	4.44 303 ePN	Pn	11 51 29.3 +0.4	MLR	Muntele Rosu	7.65 24 Pn	Pn	11 52 12.3 +1.8	LJFR					
KDAG	Bornova	4.45 90 iP	Pn	11 51 29.8 +0.8	MLR	Muntele Rosu	7.65 24 Pn	Pn	11 52 12.3 +1.8	LJFR					
BAGI	Bar	4.45 307 ePN	Pn	11 51 29.2 +0.1	MLR	Muntele Rosu	7.65 24 Pn	Pn	11 52 12.3 +1.8	LJFR					
BAGI	Bar	4.45 307 ePN	Pn	11 51 29.2 +0.1	MLR	Muntele Rosu									

TRO	Tromso	31.18 358	eP	P	11 56 40.8 +0.5
TRO			eS	SoP	12 01 45.2 -0.4
TRO			eScP	AMS	12 03 14.0 -3.3
TRO			AMS	AMS	12 10 33.6
TRO	comp=Z,576nm,17.5s,MS4.3				
TRO	Tromso	31.18 358	P	P	11 56 50.0 +1.0
TRO	Tromso	31.18 358	eP	P	11 56 40.8 +0.5
TRO			eS	S	12 01 45.2 -0.4
TRO	SNR=28		eScP	SoP	12 02 40.0 -3.2
TRO	SNR=6.0				
TRO	Tromso	31.18 358	PFAKE	LR	11 56 50.0 +1.0
TRO	comp=Z,580nm,17.5s,MS4.3				
SVE	Sverdlovsk	31.43 42j	eP	P	11 56 41.9 -0.7
SVE			eS	S	12 01 47.7 -2.0
SVE			e		12 03 31.9
SVE	comp=Z,45nm,0.9s,mb5.3				
SVE			MLR	MLR	
BRVK	Borovoye	36.17 50	P	P	11 57 23.1 -0.7
BRVK	Borovoye	36.17 50	eP	P	11 57 23.2 -0.6
EKS2	Erkin-Say	39.31 67	P	P	11 57 50.7 +0.2
EKS2	Erkin-Say	39.31 67	eP	P	11 57 50.8 +0.2
AML	Almayashu	39.36 68	eP	P	11 57 51.1 +0.1
USP	Ospenovka	39.70 66	P	P	11 57 53.0 -0.8
DBIC	Dimbokro	39.74 224	P	P	11 57 53.9 -0.5
DBIC	comp=Z,19nm,0.8s,mb4.9,baz=4.2,slow=10.0,SNR=19				
DBIC	comp=Z,258nm,20.4s,MS4.1,baz=9.7,slow=36				
DBIC	Dimbokro	39.74 224	P	P	11 57 53.9 -0.5
DBIC			LR	LR	12 13 55.4
SPB4	Spitsbergen Ar	39.80 358	eP	P	11 57 57.9 +3.7
AAK	Ala-Archa	39.83 67	P	P	11 57 54.5 -0.4
AAK	Ala-Archa	39.83 67	P	P	11 57 55.1 +0.3
AAK	SNR=15				
TIC	Toumodi	39.85 224	eP	P	11 57 54.5 -0.8
FRU	Bishkek	39.88 66	iP	P	11 57 54.0 -1.2
FRU			e		11 58 05.0
FRU					12 04 03.0
FRU	comp=Z,150nm,1.4s,mb5.5				
UCH	Uchter	39.93 67	P	P	11 57 56.0 +0.2
UCH	Uchter	39.93 67	eP	P	11 57 56.2 +0.4
UCH	comp=Z,18nm,1.0s,mb4.8				
CHMS	Chumysh	39.94 66	P	P	12 00 01.7 +0.7
KIC	Kosan Boka	39.94 223	eP	P	11 57 54.9 -1.1
KBK	Karagaybulak	40.15 67	P	P	11 57 57.9 +0.3
LIC	Lamto	40.21 224	eP	P	11 57 57.5 -0.7
LIC	comp=Z,72nm,0.9s,mb5.1				
LIC	comp=Z,426nm,20.0s,MS4.0		eMLR	MLR	
LIC	Lamto	40.21 224	eP	P	11 57 57.5 -0.7
LIC	comp=Z,36nm,0.9s,mb5.1				
LIC			LR	LR	
KZA	Kyzart	40.50 67	P	P	11 58 01.4 +0.9
KZA	SNR=21				
TKM2	Tokmak 2	40.56 66	eP	P	11 58 00.8 -0.1
TKM2					
TKM2	comp=Z,7.0nm,0.6s,mb4.5				
TKM2	Tokmak 2	40.56 66	P	P	11 58 00.6 -0.3
TKM2	SNR=12				
TKM2	Tokmak 2	40.56 66	eP	P	11 58 00.8 -0.1
KURK	Kurchatov	41.37 54	P	P	11 58 06.7 -0.8
KURK	comp=Z,193nm,1.1s,mb5.5,SNR=7.8				
KURK	Kurchatov	41.37 54	eP	P	11 58 05.9 -1.6
KURK	Kurchatov	41.37 54	eP	P	11 58 06.6 -0.9
KURK	comp=Z,30nm,1.1s,mb4.8				
KSH	Kashi	41.70 71	P	P	11 58 10.2 -0.1
KSH			eAP	pP	11 58 14.6 +0.1
KSH			eXP	sP	11 58 17.0 +0.8
KSH			ePP	PP	11 59 49.4 +2.8
KSH			ePCP	PCP	12 00 06.8 0.0
KSH			eScP	SoP	12 03 55.9 -0.7
KSH			ePCSc	PcS	12 03 57.9 -0.3
KSH			eS	S	12 04 25.6 -1.1
KSH			eXS	sS	12 04 32.9 -0.8
KSH			eSS	sS	12 07 25.8 -6.2
KSH			eScS	ScS	12 08 11.0 -2.2
KSH	comp=Z,167nm,2.0s,mb5.3				
KSH	comp=N,1um,10.0s				
KSH	comp=E,1um,6.7s				
KSH	comp=Z,797nm,5.7s				
KMBO	Kilima Mbogo	42.03 156	P	P	11 58 14.1 +0.9
KMBO	comp=Z,3.6nm,0.8s,mb4.0,baz=31,SNR=5.1				
KMBO	comp=Z,199nm,21.8s,MS4.0,baz=286,slow=37				
KMBO	Kilima Mbogo	42.03 156	iP	P	11 58 15.0 +1.8
KMBO	comp=Z,4.0nm,0.8s				
DAG	Danmarks Havn	42.12 347	iP	P	11 58 12.6 -0.7
DAG	comp=Z,2.0nm,0.7s,mb3.9				
DAG	Danmarks Havn	42.12 347	iP	P	11 58 12.6 -0.7
DAG	comp=Z,2.1nm,0.7s,mb3.9				
NVS	Novosibirsk	44.38 47	eP	P	11 58 26.3 -0.9
NVS			eS	S	12 04 50.1 -7.1
NVS	comp=E,27nm,1.3s				
NVS	comp=Z,54nm,1.3s,mb5.1				
NVS			smax		
MK31	Makanchi Array	44.38 59	eP	P	11 58 31.1 -0.8
MKAR	Makanchi Array	44.38 59	P	P	11 58 30.9 -1.0
MKAR	comp=N,28nm,0.5s,mb5.3,baz=276,slow=7.1,SNR=241				
MKAR	comp=N,7.0nm,0.8s,baz=302,slow=2.7,SNR=3.6				
MKAR	comp=N,4.3nm,1.0s,baz=289,slow=3.7,SNR=7.9				
MKAR	comp=N,215nm,21.0s,MS4.0,baz=278,slow=39				
MKAR	Makanchi Array	44.38 59	P	P	11 58 31.0 -0.9
MKAR					12 00 14.6
MKAR	Makanchi Array	44.38 59	P	P	11 58 30.9 -1.0
MKAR			PcP	PcP	12 00 14.6 -1.0
MKAR			ScP	ScP	12 04 06.1 -1.2
MKAR			LR	LR	12 19 20.4
MKAR	comp=N,215nm,21.0s,MS4.0,baz=278,slow=39				
MKAR	Makanchi Array	44.38 59	P	P	11 58 31.0 -0.9
MKAR					12 00 14.6
MKAR	Makanchi Array	44.38 59	P	P	11 58 30.9 -1.0
MKAR			PcP	PcP	12 00 14.6 -1.0
MKAR			ScP	ScP	12 04 06.1 -1.2
MKAR			LR	LR	12 19 20.4
ZAL	Zalesovo	44.80 48	eP	P	11 58 33.9 -1.3
ZAAO	Zalesovo Array	44.81 48	eP	P	11 58 33.8 -1.4
ZALV	Zalesovo Beam	44.81 48	eP	P	11 58 33.9 -1.3
ZALV	comp=N,32nm,0.5s,mb5.4,baz=276,slow=8.6,SNR=88				
ZALV	comp=N,182nm,20.2s,MS4.0,baz=0,slow=39				
WMQ	Urumqi	48.84 62	P	P	11 59 08.0 +1.1
WMQ			AP	pP	11 59 10.7 -0.5
WMQ			XP	sP	11 59 12.8 -0.1
WMQ			PCP	PCP	12 00 33.0 +1.6
WMQ			PP	PP	12 01 01.2 +1.2
WMQ			S	S	12 06 09.6 -0.1
WMQ	comp=Z,27nm,0.6s,mb5.5				
WMQ	comp=Z,58nm,4.4s				
WMQ	comp=N,243nm,11.8s,MS4.6				
WMQ	comp=E,329nm,13.4s,MS4.6				
WMQ	comp=Z,256nm,17.2s,MS4.3				
LSZ	Lusaka	53.89 172	eP	P	11 59 44.9 0.0
MOY	Mondy	54.87 48	eP	P	11 59 51.4 -0.4
TLY	Talaya	56.41 48	iP	P	12 00 02.2 -0.6
TLY	comp=Z,7.0nm,0.8s,mb4.7				

ZAK	Zakamensk	56.67 49	eP	P	12 00 03.0 -1.7
ZAK					
ZAK	comp=Z,4.0nm,0.9s,mb4.5				
TSUM	Tsumeb	57.56 185	eP	P	12 00 11.1 -0.2
TSUM	comp=Z,1.0nm,1.5s,mb3.6				
SCHO	Schefferville	58.77 317	P	P	12 00 18.9 -0.5
SCHO	comp=Z,9.7nm,0.5s,mb5.1,baz=45,slow=9.3,SNR=20				
SCHO	comp=Z,109nm,18.7s,MS4.0,baz=60,slow=37				
GTA	Gaotai	58.90 62	eP	P	12 00 19.5 -1.1
GTA			AP	pP	12 00 23.4 -1.5
GTA			XP	sP	12 00 25.7 -0.9
GTA			PCP	PCP	12 01 09.0 -0.5
GTA			PP	PP	12 02 31.3 +0.8
GTA			ScP	ScP	12 05 07.7 -2.2
GTA			PcS	PcS	12 05 09.0 -2.5
GTA			XS	sS	12 08 23.7 -2.4
GTA			SS	sS	12 08 33.7 +0.5
GTA			SS	SS	12 12 20.3 +1.1
GTA	comp=Z,17nm,0.9s,mb5.1				
GTA	comp=Z,58nm,5.7s				
GTA	comp=N,197nm,18.2s				
GTA	comp=E,165nm,12.9s				
GTA	comp=Z,210nm,20.5s,MS4.2				
TIXI	Tiksi	59.01 21	eP	P	12 00 18.3 -2.5
TIXI	comp=Z,6.0nm,0.9s,mb4.6				
TIXI	comp=Z,576nm,18.0s,MS4.7				
TIXI	Tiksi	59.01 21	eP	P	12 00 19.8 -1.1
TIXI			ePcP	PcP	12 01 08.8 -0.9
TIXI			eScP	ScP	12 00 22.3 -2.5
BOD	Bodaibo	59.56 38	eP	P	12 00 22.3 -2.5
BOD	comp=Z,9.0nm,0.8s,mb4.8				
SONM	Songino Array	59.57 51	P	P	12 00 23.7 -1.3
SONM	comp=Z,5.1nm,0.7s,mb4.7,baz=292,slow=8.2,SNR=41				
SONM	comp=Z,1.5nm,1.0s,baz=311,slow=3.6,SNR=4.7				
SONM					12 28 35.1
ULN	Ulanbaatar	59.55 51	iP	P	12 00 26.5 -1.2
ULN	Ulanbaatar	59.55 51	eP	P	12 00 26.5 -1.1
ULN	comp=Z,8.5nm,0.8s,mb4.8				
LZH	Lanzhou	63.28 64	eP	P	12 00 49.5 -0.8
LZH			AP	pP	12 00 52.5 -2.2
LZH			XP	sP	12 00 54.4 -2.0
LZH			PCP	PCP	12 01 10.0 +0.8
LZH			eS	S	12 09 18.5 -3.4
LZH			SS	SS	12 13 25.5 -2.3
LZH	comp=Z,21nm,1.1s,mb5.2				
LZH	comp=Z,110nm,4.2s				
LZH	comp=E,475nm,16.9s				
LZH	comp=Z,669nm,17.5s,MS4.9				
LBTB	Lobatsze	63.33 176	eP	P	12 00 51.2 +0.6
LBTB	comp=Z,221nm,2.3s,mb5.9				
LBTB	comp=Z,221nm,2.3s,mb5.9				
YAK	Yakutsk	64.37 30	iP	P	12 00 55.6 -1.5
YAK	comp=Z,15nm,0.7s,mb5.4				
CD2	Chengdu	65.84 69	eP	P	12 01 05.8 -1.4
CD2			AP	pP	12 01 10.5 -1.1
CD2			XP	sP	12 01 12.9 -0.3
CD2			PP	PP	12 03 33.6 +1.7
CD2			S	S	12 09 49.8 -3.9
CD2	comp=Z,20nm,0.8s,mb5.2				
CD2	comp=Z,40nm,5.8s				
CD2	comp=N,150nm,15.6s				
CD2	comp=Z,130nm,15.6s,MS4.2				
HHC	Hu-ho-hao-te	66.12 56	eP	P	12 01 07.9 -0.9
HHC			AP	pP	12 01 11.1 -2.1
HHC			XP	sP	12 01 13.4 -1.5
HHC			PCP	PCP	12 01 38.8 -0.3
HHC			PP	PP	12 03 34.6 +0.6
HHC			ScP	ScP	12 05 40.8
HHC			PcS	PcS	12 05 42.2
HHC			S	S	12 09 56.0 -0.9
HHC			ScS	ScS	12 10 59.7 -5.1
HHC			SS	SS	12 14 10.4 -1.5
HHC	comp=Z,13nm,0.6s,mb5.1				
HHC	comp=Z,169nm,7.1s				
HHC	comp=N,129nm,15.4s,MS4.5				
HHC	comp=E,224nm,15.9s,MS4.5				
HHC	comp=Z,272nm,17.1s,MS4.5				
BOSA	Boshof	66.90 177	P	P	12 01 13.7 0.0
BOSA	comp=Z,6.3nm,0.8s,mb4.8,baz=3.4,slow=7.6,SNR=12				
BOSA	comp=Z,328nm,18.2s,MS4.6,baz=96,slow=39				
XAN	Xi'an	67.90 64	P	P	12 01 16.6 -3.3
XAN			AP	pP	12 01 24.1 -0.5
XAN			AMB	AMB	
LONY	Lake Ozonia	68.04 310	eP	P	12 01 21.6 +0.7
ACCN	Adirondack Com	68.15 309	eP	P	12 01 22.3 +0.6
ACCN	comp=Z,24nm,1.0s,mb5.2				
KMI	Kuming	68.19 75	P	P	12 01 24.0 +1.8
KMI			AP	pP	12 01 26.8 +0.2
KMI			XP	sP	12 01 28.0 -0.2
KMI			PP	PP	12 03 55.6 +3.2
KMI			XS	sS	12 10 21.6 -0.6
KMI			SKS	sS	12 10 26.8 -2.7
KMI			SS	SS	12 14 43.9 -0.7
KMI	comp=Z,9.0nm,0.7s,mb4.9				
KMI	comp=Z,70nm,4.2s				

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Cedar Bluff, Newport, Huson, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M10A, L09A, WVOR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Y15A, 219A, X13A, etc.

CSEM 05 12:06:15.1...0.7, 4291N, 627W, h0km, ML3.6/1, Error ellipse: s-maj=6.2km s-min=5.7km az=46.0, After MDD, Spain

NEIC 05 12:20:04.4, 3663S, 17749E, h197km, MG4.0(WEL), After WEL

WEL 05 12:20:04.3...0.8, 3668S, 17751E, h204km, 6km, ML4.0/0, Error ellipse: s-maj=10.5km s-min=7.1km az=90.0, Off east coast of North Island

NEIC 05 12:37:55.7, 3830N, 2162E, h17km, ML3.6(ATH), After ATH

LMEL	Las Melosas	38.57 293	iP	P	15 34 26.9 +1.9
FCH	Farellones	39.05 294	iP	P	15 34 29.8 +0.9
CLCH	Cerro Calan	39.10 293	iP	P	15 34 30.4 +0.9
PEL	Peidehue	39.38 293	iP	P	15 34 32.3 +0.5
CFAA	Coronel Fontan	39.59 297	P	P	15 34 33.0 -0.4
CFAA	comp=Z,16nm,0.8s,mb4.9,baz=155,slow=7.9,SNR=182		ScP	ScP	15 40 26.6 -2.3
CFAA	comp=Z,0.8nm,0.8s,baz=232,slow=1.9,SNR=5.7		LR	LR	15 49 24.8
CFAA	comp=Z,268nm,21.1s,MS4.1,baz=138,slow=34		LR	LR	15 34 33.0 -0.4
CFAA	Coronel Fontan	39.58 297	P	P	15 40 26.6 -2.3
CFAA	comp=Z,11nm,0.5s,mb4.9,baz=134,slow=7.2,SNR=49		ScP	ScP	15 49 24.8
CPUP	Villa Florida	39.85 315	P	P	15 34 35.2 -0.5
CPUP	comp=Z,2.0nm,0.4s,baz=149,slow=2.4,SNR=2.9		LR	LR	15 40 29.1 -0.9
CPUP	comp=Z,2.0nm,0.4s,baz=149,slow=2.4,SNR=2.9		ScP	ScP	15 49 51.8
CPUP	Villa Florida	39.85 315	P	P	15 34 35.2 -0.5
CPUP	comp=Z,11nm,0.5s		pmax	pmax	15 40 29.1
CPUP	comp=N,1.0nm,0.4s		pmax	pmax	
CPUP	Villa Florida	39.85 315	eP	P	15 34 35.0 -0.7
CPUP	comp=N,288nm,1.0s,mb6.0		LR	LR	
CPUP	comp=Z,751nm,19.0s,MS4.5		LR	LR	
SUR	Sutherland	41.69 70	P	P	15 34 52.0 +1.2
SUR	comp=Z,14nm,0.8s,mb4.6,baz=204,slow=8.7,SNR=6.5		LR	LR	15 48 14.0
SUR	comp=Z,4um,19.1s,MS5.3,baz=218,slow=30		LR	LR	
SBA	Scott Base	41.90 184	eP	P	15 34 53.0 +0.9
SBA	comp=Z,110nm,1.6s,mb5.2		pmax	pmax	
SBA	Scott Base	41.90 184	eP	P	15 34 53.0 +0.9
TLT	Tololo Astrono	41.95 296	iP	P	15 34 53.5 +0.6
VNDA	Vanda	42.38 183	P	P	15 34 57.0 +0.9
VNDA	comp=Z,7.3nm,0.8s,mb4.3,baz=186,slow=6.5,SNR=30		pmax	pmax	15 34 57.0 +0.9
VNDA	Vanda	42.38 183	P	P	15 34 57.0 +0.9
VNDA	comp=Z,7.0nm,0.8s		pmax	pmax	
VNDA	Vanda	42.38 183	eP	P	15 34 56.8 +0.7
VNDA	comp=Z,69nm,1.6s,mb5.0		LR	LR	
VNDA	comp=Z,1um,21.0s,MS4.8		LR	LR	
LCO	Las Campanas	42.97 297	eP	P	15 34 58.2 -2.5
LCO	comp=Z,188nm,0.9s,mb5.8		LR	LR	
LCO	comp=Z,4um,19.0s,MS5.4		LR	LR	
MIR	Mirny	45.96 151	eP	P	15 35 26.0 +1.2
MIR	comp=Z,107nm,1.6s,mb5.7		LR	LR	15 35 35.0
MIR	comp=Z,107nm,1.6s,mb5.7		LR	LR	15 37 54.0
MIR	comp=Z,107nm,1.6s,mb5.7		LR	LR	15 42 09.0 +0.1
MIR	comp=Z,200nm,1.5s,mb5.8		pmax	pmax	
BDFB	Brasilia	47.15 332	P	P	15 35 35.1 +0.5
BDFB	comp=Z,11nm,0.9s,mb4.8,baz=139,slow=10,SNR=18		LR	LR	15 53 52.4
BDFB	comp=Z,2um,18.3s,MS5.1,baz=344,slow=5.4		LR	LR	
LVC	Limon Verde	47.70 303	P	P	15 35 39.2 +0.3
LVC	comp=Z,40nm,0.8s,mb5.5,baz=149,slow=5.7,SNR=20		LR	LR	
LVC	Limon Verde	47.70 303	eP	P	15 35 39.6 +0.7
LVC	comp=Z,57nm,0.9s,mb5.6		eP	pP	15 35 45.2 +3.1
LVC	comp=Z,57nm,0.9s,mb5.6		eS	sP	15 35 48.3 +5.0
LVC	comp=Z,57nm,0.9s,mb5.6		LR	LR	
CASY	Casey	49.88 159	PFAKE	LR	15 36 10.0 +1.5
CASY	comp=Z,4um,21.0s,MS5.4		LR	LR	
LBTB	Lobatsze	50.13 69	P	P	15 35 57.6 +0.1
LBTB	comp=Z,9.5nm,0.7s,mb5.0,baz=267,slow=5.1,SNR=11		LR	LR	15 53 18.8
LBTB	comp=Z,5um,19.1s,MS5.5,baz=220,slow=31		LR	LR	
LBTB	Lobatsze	50.13 69	P	P	15 35 55.6 -1.9
LBTB	comp=Z,58nm,1.0s,mb5.6		LR	LR	
SIV	San Ignacio	50.69 315	P	P	15 36 01.0 -0.8
SIV	comp=Z,9.4nm,0.4s,mb5.0,baz=173,slow=7.9,SNR=20		LR	LR	
TSUM	Tsumeb	51.64 57	P	P	15 36 10.0 +1.1
TSUM	comp=Z,22nm,1.1s,mb5.0,baz=182,slow=6.3,SNR=21		LR	LR	
TSUM	Tsumeb	51.64 57	eP	P	15 36 09.4 +0.5
TSUM	comp=Z,38nm,1.0s,mb5.3		LR	LR	
ASCN	Ascension	53.02 15	PFAKE	LR	15 36 30.0 +1.1
ASCN	comp=Z,5um,20.0s,MS5.5		LR	LR	
ASCN	comp=Z,1um,19.0s,MS4.9		LR	LR	
LPAZ	La Paz	53.06 307	P	P	15 36 20.2 +0.8
LPAZ	comp=Z,28nm,0.8s,mb5.3,baz=148,slow=4.9,SNR=39		LR	LR	
LPAZ	La Paz	53.06 307	P	P	15 36 20.3 +0.8
LPAZ	comp=Z,28nm,0.8s		pmax	pmax	
LPAZ	La Paz	53.06 307	eP	P	15 36 20.1 +0.7
LPAZ	comp=Z,2um,20.0s,MS5.2		LR	LR	
ARE	Arequipa	54.27 304	eP	P	15 36 29.0 +0.7
LSZ	Lusaka	59.76 66	eP	P	15 37 07.5 +0.3
LSZ	comp=Z,48nm,1.1s,mb5.4		LR	LR	
LSZ	comp=Z,5um,20.0s,MS5.6		LR	LR	
NNA	Nana	60.53 300	P	P	15 37 11.6 -0.9
NNA	comp=Z,38nm,0.8s,mb5.6,baz=167,slow=6.6,SNR=17		LR	LR	
NNA	Nana	60.53 300	eP	P	15 37 12.0 -0.5
NNA	comp=Z,54nm,0.9s,mb5.7		LR	LR	
ATAH	Atahualpa	65.66 301	P	P	15 37 46.7 +0.1
ATAH	comp=Z,49nm,0.9s,mb5.2,baz=152,slow=7.0,SNR=19		LR	LR	
ABPO	Ambohimpnom	65.73 86	PFAKE	LR	15 38 00.0 +1.3
ABPO	comp=Z,4um,19.0s,MS5.7		LR	LR	
LIC	Lamt	68.44 23	eP	P	15 38 04.0 -0.2
LIC	comp=Z,67nm,0.8s,mb5.7		LR	LR	
KIC	Kosan Boka	68.63 24	eP	P	15 38 05.2 -0.2
KIC	comp=Z,81nm,0.8s,mb5.7		LR	LR	
TIC	Toumudi	68.85 23	P	P	15 38 06.6 -0.2
TIC	comp=Z,103nm,0.9s,mb5.8		LR	LR	
DBIC	Dimbokro	68.91 23	P	P	15 38 07.0 -0.1
DBIC	comp=Z,15nm,0.8s,mb5.0,baz=175,slow=7.2,SNR=13		LR	LR	16 01 46.7
DBIC	Dimbokro	68.91 23	eP	P	15 38 07.1 -0.1
DBIC	comp=Z,23nm,1.0s,mb5.1		LR	LR	
DBIC	comp=Z,2um,19.0s,MS5.3		LR	LR	
ROSC	El Rosal	74.79 310	P	P	15 38 42.8 +0.3
ROSC	comp=Z,30nm,0.9s,mb5.2,baz=93,slow=20,SNR=12		LR	LR	16 12 17.8
ROSC	comp=Z,2um,19.0s,MS5.5,baz=198,slow=36		LR	LR	
ROSC	El Rosal	74.79 310	eP	P	15 38 42.8 +0.3
RPZ	Rata Peaks	75.39 193	LR	LR	16 09 33.6
RPZ	comp=Z,2um,18.4s,MS5.4,baz=345,slow=34		LR	LR	
KMBO	Kilima Mbogo	76.37 68	P	P	15 38 53.8 +2.1
KMBO	comp=Z,2.7nm,0.9s,mb4.2,baz=210,slow=30,SNR=4.9		LR	LR	16 08 51.3
KMBO	comp=Z,5um,20.0s,MS5.8,baz=272,slow=33		LR	LR	
PCRV	Puerto La Cruz	76.38 322	P	P	15 38 52.0 +0.4
PCRV	comp=Z,36nm,0.9s,mb5.3,baz=89,slow=1.9,SNR=8.1		LR	LR	
TORD	Torodi Ar	76.62 28	eP	P	15 38 52.8 0.0
TORD	comp=Z,37nm,0.7s,mb5.5,baz=200,slow=6.3,SNR=196		LR	LR	15 38 53.2 +0.4
TORD	comp=Z,2um,18.5s,MS5.5,baz=190,slow=32		LR	LR	16 08 08.0
TASU	Tasmania Unive	77.09 176	PFAKE	LR	15 39 10.0 +1.5
TASU	comp=Z,3um,19.0s,MS5.7		LR	LR	
SDV	Santo Domingo	77.16 315	P	P	15 38 55.4 -0.6
SDV	comp=Z,23nm,0.8s,mb5.2,baz=203,slow=3.9,SNR=30		LR	LR	
SDV	Santo Domingo	77.16 315	eP	P	15 38 54.4 -1.6
SDV	comp=Z,33nm,0.8s,mb5.3		LR	LR	
SDV	comp=Z,2um,19.0s,MS5.7		LR	LR	
GRGR	Grenville	77.35 325	PFAKE	LR	15 39 10.0 +1.3
GRGR	comp=Z,1um,19.0s,MS5.3		LR	LR	
BBGH	Gun Hill	77.73 327	PFAKE	LR	15 39 10.0 +1.1
BBGH	comp=Z,2um,19.0s,MS5.5		LR	LR	
RKT	Rikitea	78.77 243	eP	P	15 38 48.8 -1.6
RKT	comp=Z,819nm,33.2s		S	S	15 48 54.6 -7.9

RKT	Rikitea	78.77 243	eP	P	15 38 48.8 -1.6
RKT	comp=Z,77nm,0.8s,mb5.7		eS	S	15 48 54.6 -7.9
RKT	Rikitea	78.77 243	eP	P	15 38 48.8 -1.6
RKT	comp=Z,77nm,0.8s,mb5.7		eS	S	15 48 54.6 -7.9
RKT	comp=Z,77nm,0.8s,mb5.7		eLQ	LR	16 00 25.6
URZ	Urewera	79.91 199	LR	LR	16 09 25.6
URZ	comp=Z,1um,21.0s,MS5.2,baz=195,slow=32		LR	LR	
BCIP	Isla Barro Col	80.87 307	eP	P	15 39 10.9 -5.4
BCIP	comp=Z,20nm,0.9s,mb5.1		LR	LR	
BCIP	comp=Z,707nm,20.0s,MS5.0		LR	LR	
TOO	Toolangi	82.33 174	eP	P	15 39 24.4 +0.6
TOO	comp=Z,135nm,0.8s,mb5.9		LR	LR	
TOO	Toolangi	82.33 174	eP	P	15 39 24.4 +0.6
TOO	comp=Z,135nm,0.8s,mb5.9		pmax	pmax	
NWAO	Narogin (SRO)	82.56 150	LR	LR	16 14 30.3
NWAO	comp=Z,747nm,18.1s,MS5.1,baz=97,slow=34		LR	LR	
KLBR	Kellerberrin	83.96 150	eP	P	15 39 35.9 +3.5
KLBR	comp=Z,255nm,1.0s,mb5.3		LR	LR	
SDDR	Presla de Saban	86.78 318	PFAKE	LR	15 40 00.0 +1.4
SDDR	comp=Z,992nm,21.0s,MS5.2		LR	LR	
FORT	Forrest	86.97 158	eP	P	15 39 48.2 +0.8
FORT	comp=Z,170nm,0.8s,mb5.7		LR	LR	
STKA	Stephens Creek	87.72 170	eP	P	15 39 50.7 -0.3
STKA	comp=Z,8.5nm,0.9s,mb5.0		LR	LR	
STKA	Stephens Creek	87.72 170	P	P	15 39 50.3 -0.7
STKA	comp=Z,5.0nm,0.9s,mb4.7,baz=195,slow=3.6,SNR=7.0		LR	LR	16 18 18.0
STKA	comp=Z,2um,18.7s,MS5.6,baz=185,slow=35		LR	LR	
RAO	Raoul Island	87.74 205	LR	LR	16 12 26.8
RAO	comp=Z,797nm,21.2s,MS5.1,baz=316,slow=31		LR	LR	
DGAR	Diego Garcia	88.17 102	PFAKE	LR	15 40 00.0 +6.7
DGAR	comp=Z,2um,20.0s,MS5.6		LR	LR	
DGAR	Diego Garcia	88.17 102	PFAKE	LR	15 40 00.0 +6.0
TGUH	Teguigalpa,Un	88.34 302	PFAKE	LR	15 40 00.0 +6.0
TGUH	comp=Z,1um,20.0s,MS5.3		LR	LR	
PPT	Papeete	89.89 233	eP	SS	15 43 27.8 -5.6
PPT	comp=Z,2um,19.0s,MS5.5		eS	S	15 50 55.2 +1.5
PPT	Papeete	89.89 233	LR	LR	16 14 46.7
PPT	comp=Z,2um,18.1s,MS5.6,baz=152,slow=32		LR	LR	
RAR	Rarotonga	90.34 223	LR	LR	16 14 19.0
RAR	comp=Z,874nm,19.2s,MS5.2,baz=77,slow=31		LR	LR	
TEIG	Teipich	94.28 304	P	P	15 40 20.2 -1.3
TEIG	comp=Z,34nm,0.8s,mb5.8,baz=165,slow=4.1,SNR=13		LR	LR	
TEIG	Teipich	94.28 304	P	P	15 40 20.2 -1.3
TEIG	comp=Z,696nm,22.0s,MS5.1		LR	LR	
CMIG	Matias Romero	94.33 297	P	P	15 40 20.8 -0.9
CMIG	comp=Z,4nm,0.8s,mb4.9,baz=233,slow=2.2,SNR=7.8		LR	LR	
ASAR	Alice Springs	94.91 162	P	P	15 40 23.6 -0.9
ASAR	comp=Z,2.6nm,0.7s,mb4.8,baz=184,slow=4.0,SNR=52		LR	LR	15 44 16.5 +4.0
ASAR	comp=Z,1.4nm,1.0s,baz=179,slow=8.6,SNR=4.1		LR	LR	15 57 17.4 +0.2
ASAR	Alice Springs	94.91 162	P	P	15 40 23.7 -0.8
ASAR	comp=Z,2um,19.0s,MS5.5		LR	LR	15 44 16.5 +4.0
ASAR	Alice Springs	94.91 162	P	P	15 40 23.7 -0.8
ASAR	comp=Z,2um,19.0s,MS5.5		LR	LR	15 40 40.0 +1.5
ASAR	Alice Springs	94.91 162	P	P	15 40 50.0 +1.4
ASAR	comp=Z,902nm,19.0s,MS5.3		LR	LR	
WRA	Warramunga Arr	98.63 162	P	P	15 40 40.8 -0.7
WRA	comp=Z,1.1nm,0.8s,mb4.4,baz=196,slow=4.2,SNR=4.9		LR	LR	16 21 40.5
WRA	comp=Z,2um,21.9s,MS5.6,baz=180,slow=33		LR	LR	
WRAB	Tennant Creek	98.64 162	PFAKE	LR	15 40 50.0 +8.5
WRAB	comp=Z,3um,21.0s,MS5.7		LR	LR	
DWPF	Disney	98.72 313	PFAKE	LR	15 40 50.0 +8.6
DWPF	comp=Z,1um,19.0s,MS5.4		LR	LR	
FITZ	Fitzroy Crossi	98.79 154	LR	LR	16 21 39.2
FITZ	comp=Z,483nm,19.2s,MS5.0,baz=22,slow=33		LR	LR	
CTA	Charters Tower	99.76 173	LR	LR	16 25 29.1
CTA	comp=Z,2um,18.8s,MS5.7,baz=191,slow=35		LR	LR	
AFI	Afiama	100.95 215	PFAKE	LR	15 41 00.0 +8.1
AFI	comp=Z,624nm,19.0s,MS5.1		LR	LR	
PAB	San Pablo	101.13 17	PFAKE	LR	15 41 00.0 +7.3
PAB	comp=Z,1um,22.0s,MS5.3		LR		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like Laguna Peak, Santa Cruz Isl, BSC, BSC, DECC, DECC, VES, VES, VES, ISA, EDWZ, EDWZ, PTRM, PTRM, V05C, V05C, FMP, RCTC, RCTC, BFSC, BFSC, PKD, PKD, V04C, V04C, HISS, HISS, CWC, CWC, CWC, CWC, S08C, S08C, S08C, S08C, MLAC, MLAC, S06C, S06C, S04C, S04C, TPNV, TPNV, R07C, R07C, BNLO, BNLO, BNLO, BNLO, CMB, CMB, CMB, CMB, Y15A, Y15A.

NIED 05 21:28:00.4330N:14620E h44km Mw3.7 Best double couple: M3.6200x1014 N171x28.00000; 3.65.00000; 1.75.00000; NP2x240.00000; 829.00000; 1.119.00000

JMA 05 21:28:47.1.0.1,4328N:14617E,h46km,1km,M3.5,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like NEM2, NEM2, JRM, JRM, JRA, JRA, JNK, JNK, JNK, JNK, JAR, JAR, JAR, JAR, JTRK, JTRK.

IDC 05 21:32:47.7.0.2,215N:14270E,h279km,69km,mb3.1/7, Error ellipse: s-maj=47.9km s-min=13.8km az=80.0
ISCJB 05 21:32:48.0.1.0,220N.01:1426E.03,h300km,mb3.4/9, Error ellipse: s-maj=39.5km s-min=13.7km az=167.7
NEIC 05 21:32:49.5.0.9,2205N:14262E,h300km,mb3.4/2, Error ellipse: s-maj=38.9km s-min=13.7km az=79.0
ISC 05 21:32:49.5.1.0,221N.01:1426E.03,h300km,n12, #083/12,mb3.4/9,Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like KSR5, KSR5, ULN, ULN, SONM, SONM, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ZALV, ZALV, MKAR, MKAR, KURK, KURK, YKA, YKA, FINES, FINES.

IDC 05 21:36:34.3.4.4,2165N:14305E,h0km,mb3.5/5,ML3.6/1, Error ellipse: s-maj=131.6km s-min=24.5km az=79.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like CBIJ, CBIJ, KSR5, KSR5, SONM, SONM, ASAR, ASAR, ZALV, ZALV, MKAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like SET, SET, EMHD, EMHD, CKHR, CKHR, DFRA, DFRA, CTEI, CTEI, CASM, CASM, EIBI, EIBI, EIBI, EIBI, ETOS, ETOS, ETOS, ETOS, EBEN, EBEN, EBEN, EBEN, EMUR, EMUR, EMUR, EMUR, ETOB, ETOB, ETOB, ETOB, ECHE, ECHE, EMOS, EMOS, EMOS, EMOS, EHUE, EHUE, EPOB, EPOB, EPOB, EPOB, EBER, EBER, EBER, EBER, EQES, EQES, EQES, EQES, EMIR, EMIR, EMIR, EMIR, EMIR, EMIR, EQUR, EQUR, EQUR, EQUR, EJON, EJON, EJON, EJON, ECAB, ECAB, ECAB, ECAB.

IDC 05 21:51:00.1.7.5,2166N:14283E,h232km,70km,mb3.1/7, Error ellipse: s-maj=48.3km s-min=21.3km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like KSR5, KSR5, SONM, SONM, ASAR, ASAR, ZALV, ZALV, YKA, YKA, FINES, FINES.

IDC 05 22:07:53.6.9.0,478S:14541E,h0km,mb3.6/3,ML3.8/1, Error ellipse: s-maj=15.7km s-min=71.6km az=19.0, Near north coast of New Guinea

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

ISCJB 05 22:08:35.3.1.0,3593N:007:1406E.01,h33km,gkm, Error ellipse: s-maj=15.7km s-min=8.7km az=143.1
JMA 05 22:08:35.0.0.1,3588N:14048E,h35km,1km,M2.8
ISC 05 22:08:35.7.1.0,3594N:007:1406E.01,h29km,11km,n4, #046/8,Near east coast of eastern Honshu

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

NEIC 05 22:13:43.8.3.0,2211N:14469E,h58km,27km,mb4.4/4, Error ellipse: s-maj=34.0km s-min=12.7km az=82.0
ISCJB 05 22:13:44.3.2.7,2211N.01:1447E.03,h79km,20km,mb3.9/1, Error ellipse: s-maj=43.8km s-min=16.3km az=168.5
IDC 05 22:13:46.2.5.3,2208N:14462E,h78km,32km,mb3.5/7, MS3.3/3,Ms1.3.3/3,ms1mx3.0/15, Error ellipse: s-maj=146.8km s-min=18.2km az=77.0
ISC 05 22:13:45.6.2.4,221N.01:1448E.03,h77km,18km,n23, #083/21,mb3.9/11,Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like CBIJ, CBIJ, MAJO, MAJO, KSR5, KSR5, ASAJ, ASAJ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like MDJ, MDJ, PETK, PETK, HIA, HIA, ULN, ULN, SONM, SONM, WRA, WRA, ASAR, ASAR, BILL, BILL, ZALV, ZALV, MKAR, MKAR, KURK, KURK, TKM2, TKM2, UCH, UCH, EKS2, EKS2, BRVK, BRVK, PPT, PPT, KIV, KIV, AKASG, AKASG.

BUJ 05 22:15:02.2.2137N:14356E,h321km,mb4.4,mb4.3
MOS 05 22:15:03.1.1.0,2164N:14299E,h288km,mb4.5/16, Error ellipse: s-maj=15.4km s-min=8.0km az=112.7
IDC 05 22:15:03.3.0.9,2162N:14298E,h278km,8km,mb3.8/17, Error ellipse: s-maj=17.8km s-min=8.7km az=84.0
JMA 05 22:15:05.7.0.3,2169N:14356E,h335km,MS.1
ISCJB 05 22:15:06.1.0.6,2160N:004:14307E.006,h319km,5km,mb4.2/55, Error ellipse: s-maj=9.4km s-min=5.6km az=171.8
NEIC 05 22:15:07.7.1.0,2162N:14300E,h322km,10km,mb4.4/21, Error ellipse: s-maj=8.4km s-min=5.9km az=83.0
ISC 05 22:15:07.5.0.6,2164N:003:14310E.006,h319km,5km,mb4.2/55, Error ellipse: s-maj=9.4km s-min=5.6km az=171.8, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like JHHJ, JHHJ, CBIJ, CBIJ, CBIJ, CBIJ, GUMO, GUMO, JHJ, JHJ, JHJ, JHJ, BSO1, BSO1, BSO3, BSO3, JIM2, JIM2, BS04, BS04, JWZ, JWZ, JIE, JIE, JOD2, JOD2, JTO, JTO, JHU, JHU, JHU, JHU, MJAR, MJAR, MAJO, MAJO, MAJO, MAJO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like MAJO, MAJO, MAT, MAT, MAT, MAT, YHNB, YHNB, KSR5, KSR5, ASAJ, ASAJ, NJ2, NJ2, MDJ, MDJ, MDJ, MDJ, CN2, CN2, BJI, BJI, BJI.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes stations like CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, LZH, LZH, LZH, LZH, KMI, KMI, KMI, KMI, ULN, ULN, SONM, SONM, GYA, GYA, GYA, GYA.

Table of astronomical observations for 5 days (GTA to UMR) and 23 hours (YAK to UMR). Columns include station name, coordinates, time, and magnitude.

Table of astronomical observations (MIB to LVC) for 2007 JUN. Columns include station name, coordinates, time, and magnitude.

NEIC 05 22:21:07.9, 4.4656s: 16811E, h93km, ML4.5(WEL). After WEL. Error ellipse: s-maj=2.5km s-min=1.5km az=90.0, South Island

Table of astronomical observations (MSZ to WCY) for 2007 JUN. Columns include station name, coordinates, time, and magnitude.

IDC 05 23:13:26.8-0.5, 007N-1735E, h139km, 81km, mb3.2/3, Error ellipse: s-maj=7.23km s-min=21.5km az=53.0, Minahasa Peninsula, Sulawesi

Table of astronomical observations (KAPI to MKAR) for 2007 JUN. Columns include station name, coordinates, time, and magnitude.

SZGRF 05 23:23:45.3, 2245S: 17765W, h33km, South of Fiji Islands, NEIC 05 23:24:46.8, 3.7, 2058S: 17811W, h517km, mb4.5(NEIC)

BGS 05 23:24:46.8, 3.7, 2058S: 17811W, h517km, mb4.5(NEIC) ISCJB 05 23:24:49.0, 1.6, 207S: 0.1, 17822W: 0.09, h566km, 21km, bz=168, Error ellipse: s-maj=17.4km s-min=12.7km

IDC 05 23:24:52.9, 2.5, 2056S: 17823W, h597km, 29km, mb3.5/11, mb1.3/7.11, mb1mx3.5/17, mbmp3.5/11, Error ellipse: s-maj=22.5km s-min=13.1km az=148.0

Table of astronomical observations (RAO to UMR) for 2007 JUN. Columns include station name, coordinates, time, and magnitude.

Table of astronomical observations (CTA to UMR) for 2007 JUN. Columns include station name, coordinates, time, and magnitude.

NIED 05 23:31:00, 4480N-14340E, h250km, Mw4.1 Best double couple: M1.55000x1015 N1.20000000, 873.00000, lambda.120.00000, NP2.3617.00000, 833.00000, lambda.31.00000

MOS 05 23:31:24.8:0.9, 4523N; 14340E, h241km, mb4.0/10, Error ellipse: s-maj=12.9km s-min=9.7km az=120.2
 ISCB 05 23:31:25.6:0.3, 4487N; 14341E, h265km; 2km, mb3.9/24, Error ellipse: s-maj=7.4km s-min=6.5km az=29.9
 BUJ 05 23:31:25.0, 4498N; 14342E, h261km, mb4.4, mb4.5
 JMA 05 23:31:26.9:0.1, 4483N; 14341E, h265km; 1km, M4.0
 IDC 05 23:31:26.8:1.2, 4495N; 14348E, h262km; 11km, mb3.7/13, Error ellipse: s-maj=15.7km s-min=12.2km az=84.0
 NEIC 05 23:31:26.9:0.5, 4493N; 14342E, h264km; 4km, mb4.1/8, Error ellipse: s-maj=7.3km s-min=6.3km az=38.0
 ISC 05 23:31:26.0:0.3, 4485N; 14348E, h263km; 2km, n75, c088/88, mb3.9/24, 9C-4D, Hokkaido region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
JSE	Soyaes	0.64	280	Op Pn	23 32 01.7 +0.3			
JSE	Maruseppu	0.85	186	eS Pn	23 32 28.5 -0.3			
JMP	Abashiri-Toko	0.94	160	iP Pn	23 32 02.7 +0.4			
JTKR	Abashiri-Toko	0.94	160	iP Pn	23 32 03.5 +0.8			
ASAJ	Asahikawa	0.97	221	iP Pn	23 32 03.6 +0.7			
ASAJ	Asahikawa	0.97	221	iP Pn	23 32 32.2 +0.8			
ASAJ	Asahikawa	0.97	221	Pn Pn	23 32 03.7 +0.8			
ASAJ	comp-Z, 103nm, 0.3s							
JKK2	Kamakawa Z	1.11	208	iP Pn	23 32 04.2 +0.6			
JWK2	Keihoku	1.21	293	iP Pn	23 32 04.8 +0.7			
JWK2	JRK	1.49	127	eS Pn	23 32 34.7 +1.0			
JRG	Rausu	1.49	127	iP Pn	23 32 06.8 +0.7			
JYA	Yagishiri	1.52	254	iP Pn	23 32 06.4 +0.1			
JYB	Ashorobuto	1.57	172	iP Pn	23 32 07.5 +0.8			
JAR	Hokuryu	1.68	229	iP Pn	23 32 08.2 +0.7			
JFR	Furan	1.81	201	iP Pn	23 32 08.9 +0.4			
JFR	Yuzh-Kuril'sk	1.90	115	eP Pn	23 32 42.1 +0.4			
YUK	Yuzh-Kuril'sk	1.90	115	eP Pn	23 32 08.0 +0.2			
YUK	Yuzh-Kuril'sk	1.90	115	eP Pn	23 32 42.6 +0.3			

IDC 05 23:44:18.8:2.1, 3270S; 17822W, h0km, mb4.1/3, ML4.4/2, MS3.7/3, Mst 3.7/3, ms1mx3.2/19, Error ellipse: s-maj=51.7km s-min=25.5km az=120.0
 ISCB 05 23:44:21.0:0.9, 3278S; 0.06; 1782W; 0.2, h33km, mb4.3/5, MS3.7/3, Error ellipse: s-maj=20.3km s-min=6.9km az=16.0
 NEIC 05 23:44:25.2:2.9, 3294S; 17828W, h51km, 24km, mb4.3/1, Error ellipse: s-maj=23.6km s-min=14.7km az=205.0
 ISC 05 23:44:23.4:0.9, 3275S; 0.06; 1782W; 0.2, h35km, n19, c081/17, mb4.3/5, MS3.7/3, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
RAO	Raoul Island	3.49	4	Pn Pn	23 45 14.3 -0.9			
RAO	Raoul Island	3.49	4	Pn Pn	23 45 54.7 -0.6			
URZ	Urwehara	6.70	214	eP Sn	23 45 58.7 +0.6			
URZ	Urwehara	6.70	214	Pn Sn	23 47 14.1 -0.2			
TAU	Tasmania Univ	28.89	239	eP LR	23 50 19.9 +0.2			
STKA	Stephens Creek	33.85	260	LR LR	00 03 57.2			
CTA	Charters Tower	34.08	283	P P	23 51 06.1 +1.4			
CTA	Charters Tower	34.08	283	P P	23 51 06.1 +1.4			
CTA	Charters Tower	34.08	283	P P	23 51 06.1 +1.4			
CTA	Charters Tower	34.08	283	P P	23 51 06.1 +1.4			
ASAJ	Alice Springs	42.87	270	P P	23 52 18.2 -0.2			
WRB	Warramunga Arr	44.06	275	eP P	23 52 28.4 +0.4			
WRB	Tennant Creek	44.07	275	eP P	23 52 27.8 -0.3			
WRA	Warramunga Arr	44.07	275	P P	23 52 27.9 -0.3			
FITZ	Fitzroy Crossi	52.23	272	eP P	23 53 30.0 +0.8			
CASY	Cassey	53.00	209	eP P	23 53 35.0 -1.2			
PMSA	Palmer Station	70.20	155	eP P	23 55 32.1 -0.1			
MJAR	Matsuhiro Arr	80.08	326	LR LR	00 25 53.9			
MPU	Maple Canyon	95.01	45	P P	23 57 44.1 +2.0			
BOR	Borovoy	128.01	315	eP P	00 23 25.0 -0.1			
FINES	FINES Array B	147.28	335	PKP P	00 04 02.2 -0.1			
AKASG	Main Array B	153.02	320	PKP P	00 04 17.9 +1.4			

ISC 05 23:53:15.8:4.1, 3280S; 0.06; 1782W; 0.2, h15km; 30km, mb4.4/7, Error ellipse: s-maj=22.3km s-min=8.6km az=16.0
 IDC 05 23:53:15.8:2.2, 3278S; 17823W, h0km, mb4.2/4, ML3.9/1, MS3.0/1, Mst 3.0/1, ms1mx2.8/21, Error ellipse: s-maj=53.0km s-min=33.3km az=127.0
 NEIC 05 23:53:18.0:4.6, 3276S; 1782W, h18km; 28km, mb4.5/2, Error ellipse: s-maj=15.5km s-min=11.5km az=113.0
 ISC 05 23:53:18.4:4.4, 3278S; 0.06; 1781W; 0.2, h21km; 33km, n16, c071/14, mb4.4/7, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
RAO	Raoul Island	3.52	3	LR LR	23 55 27.7			
RAO	Raoul Island	3.52	3	Pn Pn	23 54 11.5 -0.3			
RAO	Raoul Island	3.52	3	eS Pn	23 54 52.6 -0.2			
URZ	Urwehara	6.70	214	Pn Sn	23 54 55.7 +0.2			
URZ	Urwehara	6.70	214	Pn Sn	23 56 10.5 -0.8			
TAU	Tasmania Univ	28.91	239	P P	23 59 17.2 +1.5			
CTA	Charters Tower	34.13	283	P P	00 00 26.6 +0.7			
ASAJ	Alice Springs	42.92	270	P P	00 01 15.6 -0.1			
WRB	Warramunga Arr	44.11	275	eP P	00 01 24.6 -0.8			
WRB	Warramunga Arr	44.11	275	eP P	00 01 24.6 -0.8			
WRB	Tennant Creek	44.11	275	eP P	00 01 25.2 -0.2			
WRA	Warramunga Arr	44.12	275	P P	00 01 24.3 -1.1			
FITZ	Fitzroy Crossi	52.27	272	P P	00 02 29.6 +1.2			
PMSA	Palmer Station	70.16	155	eP P	00 04 28.6 -0.3			
LVC	Limonier	92.89	119	eP P	00 06 30.3 +0.2			
FINES	FINES Array B	147.32	335	PKP P	00 13 00.0 +0.5			
NB2	NORSAR Subarray 1	95.351	PKP P	00 13 08.1 -0.9				
AKASG	Main Array B	153.07	320	PKP P	00 13 14.1 +0.3			

IDC 06 00:08:27.4:0.2, 2139S; 16988E, h0km, mb4.0/7, mb4.1/7, mb1mx4.0/14, mb4.0/7, MS3.6/10, Mst 3.6/10, ms1mx3.5/20, Error ellipse: s-maj=63.1km s-min=27.5km az=138.0
 ISCB 06 00:08:30.0:0.6, 2155S; 0.1; 16983E; 0.09, h33km, mb4.1/11, MS3.6/7, Error ellipse: s-maj=17.3km s-min=11.1km az=166.2
 LDG 06 00:08:31.1:0.2, 2054S; 16932E, h10km, Mb4.7/1, Error ellipse: s-maj=24.5km s-min=4.8km az=139.0
 SZGRF 06 00:08:32.5:21.43S; 17021E, h33km, Southeast of Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DZM	Dom Dzumac	3.24	258	eP Pn	00 09 17.9 -2.6			
DZM	Dom Dzumac	3.24	258	eS Pn	00 09 52.8 -5.0			
RAO	Raoul Island	13.50	128	LR LR	00 15 33.2			

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HNR	Honiara	15.29	320	LR LR	00 16 25.7			
URZ	Urwehara	17.88	161	LR LR	00 18 03.0			
AFI	Charters Tower	21.15	269	Pn Pn	00 15 12.1 -0.9			
CTA	Charters Tower	21.15	269	P P	00 13 19.9 +7.2			
CTA	Charters Tower	21.15	269	P P	00 13 19.9 +7.2			
CTA	Charters Tower	21.15	269	P P	00 13 19.9 +7.2			
CTA	Charters Tower	21.15	269	P P	00 14 13.5 +0.5			
STKA	Stephens Creek	27.24	242	LR LR	00 23 51.3			
RAR	Rarotonga	28.27	95	LR LR	00 23 55.9			
WB2	Warramunga Arr	33.21	266	eP P	00 15 06.0 0.0			
WRB	Tennant Creek	33.22	266	P P	00 15 05.8 -0.3			
WRA	Warramunga Arr	33.22	266	P P	00 15 05.7 -0.3			
ASAR	Alice Springs	33.23	259	P P	00 15 05.8 -0.3			
PPT	Papeete	38.35	91	LR LR	00 27 03.2			
FITZ	Fitzroy Crossi	41.65	267	P P	00 16 19.2 +1.7			
FITZ	Fitzroy Crossi	41.65	267	P P	00 16 18.9 +1.5			
VNDA	Vanda	56.26	182	LR LR	00 39 13.1			
VNDA	Vanda	56.26	182	P P	00 18 09.6 +1.0			
SBA	Sabaa	56.48	181	eP P	00 18 09.5 -0.5			
MJAR	Matsuhiro Arr	64.97	332	P P	00 19 08.7 +0.3			
QSPA	South Pole Qui	66.82	180	eP P	00 19 31.2 +0.1			
KSR	Korea Array	70.65	326	P P	00 19 44.3 +0.2			
PETK	Petroavlovsk	74.99	352	LR LR	00 49 21.3			
SOMN	Somnang	89.33	323	P P	00 21 25.7 +0.9			
SOMN	Somnang	89.33	323	LR LR	00 58 47.6			
MVCO	Mesa Verde	96.36	339	P P	00 21 57.1 -0.3			
ARCES	ARCES Array B	127.34	345	PKP P	00 27 32.4 0.0			
FINES	FINES Array B	132.84	337	PKP P	00 27 43.7 +0.7			
AKASG	Main Array B	137.61	323	PKP P	00 27 53.0 +0.7			
STHS	St. Helens Huta	142.63	326	eP P	00 28 12.6 -0.3			
KECS	Kecevo	143.59	325	eP P	00 28 08.9 +5.7			
OPC	Ostrava-Krasne	143.92	329	eP P	00 28 08.5 +4.8			
DPC	Dobruska-Polom	144.33	331	eP P	00 28 04.0 0.0			
VYHS	Vyhse	144.44	326	eP P	00 28 03.8 -0.8			
VYHS	Vyhse	144.44	326	eP P	00 28 03.8 -0.7			
KULC	Kolacno	144.61	327	eP P	00 28 05.7 +0.8			
KOLL	Kolacno	144.61	327	eP P	00 28 05.7 +0.8			
PVCC	Panska Ves	145.09	332	eP P	00 28 05.9 +0.2			
BRG	Berggiesshuhle	145.10	333	eP P	00 28 05.8 +0.6			
BRG	Berggiesshuhle	145.10	333	iP P	00 28 05.7 +0.5			
CLL	Collin	145.15	334	iP/P P	00 28 05.6 -0.1			
CLL	Collin	145.15	334	Lm	01 00 00.0			
CLL	Collin	145.15	334	Lm	01 00 00.0			
CLL	Collin	145.15	334	Lm	01 00 00.0			
CLL	Collin	145.15	334	eP P	00 28 05.8 +0.5			
NRDL	Niedersach Ries	145.29	338	eP P	00 28 06.2 +0.5			
MODS	Modra-Piesok	145.32	327	eP P	00 28 07.4 +1.4			
MODS	Modra-Piesok	145.32	327	eP P	00 28 07.4 +1.4			
PRU	Pruhonic	145.49	332	eP P	00 28 06.7 +0.3			
CLZ	Clausthal	145.73	337	eP P	00 28 08.0 +0.3			
TANN	Tanneberg	146.06	334	eP P	00 28 09.0 +0.8			
NKC	Novy Kostel	146.21	334	eP P	00 28 09.8 +2.2			
KHC	Kasperske Hory							

Table with columns: SRDR, BDR, KBTR, KBTR, SRKR, SFRK, SPN, SPN, NLC, NLC, AVH, AVH, PET, PET, RUS, RUS, MIPR. Includes station names, frequencies, and other technical details.

IDC 06 00:44:29.6:1.1, 2.65N, 127.38E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.9/17, mbtmp3.9/7, Error ellipse: s-maj=105.5km s-min=16.0km az=71.0

NEIC 06 00:44:37.2:2.1, 2.61N, 127.45E, h58km, 19km, mb4.4/4, Error ellipse: s-maj=23.7km s-min=6.3km az=71.0

ISCJB 06 00:44:39.0:1.8, 2.56N, 010.127E, 0.2, h89km, 16km, mb3.9/8, Error ellipse: s-maj=32.8km s-min=10.5km az=166.3

ISC 06 00:44:39.3:1.8, 2.59N, 010.127E, 0.2, h77km, 16km, n21, az=058.2/1, mb3.9/8, 1D, Northern Mooluca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Ternate, Kota Kinabalu, Fitzroy Crossi, etc.

IDC 06 00:50:34.5:1.1, 2.161S, 169.61E, h0km, mb4.1/8, mb1 4.2/8, mb1mx4.1/14, mbtmp4.1/8, MS3.7/9, Ms1 3.7/9, ms1mx3.5/21, Error ellipse: s-maj=31.5km s-min=25.0km az=109.0

SZGRF 06 00:50:35.7, 2320S, 17000E, h33km, Southeast of Loyalty Islands

LDG 06 00:50:36.9:0.3, 2100S, 169.62E, h10km, MD4.5/1, Error ellipse: s-maj=27.8km s-min=4.1km az=150.0

ISCJB 06 00:50:37.5:0.6, 216S, 0.1, 169.68E, 0.06, h33km, mb4.2/11, MS3.7/7, Error ellipse: s-maj=15.9km s-min=8.0km az=179.3

NEIC 06 00:50:40.0:0.3, 2148S, 169.66E, h35km, mb4.5/5, Error ellipse: s-maj=13.3km s-min=10.1km az=184.0

ISC 06 00:50:39.7:0.6, 215S, 0.1, 169.66E, 0.06, h35km, n109, az=190B/19, mb4.2/11, MS3.7/7, 8C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Mont Dzumac, Raoul Island, Fitzroy Crossi, etc.

Table with columns: BRG, CLL, CLL, CLL, CLL, MODS, MODS, MODS, MODS, FBE, FBE, FBE, FBE, EAU, EAU, PRU, PRU, ZST, ZST, TREC, TREC, CLZ, CLZ, TRAIN, TRAIN, WERD, WERD, GUNZ, GUNZ, WERN, WERN, NKCC, NKCC, MOXA, MOXA, IBBN, IBBN, CONA, CONA, CSNA, CSNA, MANZ, MANZ, KHC, KHC, ROTZ, ROTZ, GERES, GERES, GERES, GERES, WET, WET, GAT, GAT, GBA, GBA, KFB, KFB, FUR, FUR, STU, STU, SKTA, SKTA, ABK1, ABK1, WLF, WLF, WLF, WLF, GVI, GVI, BAIF, BAIF, BFO, BFO, FETA, FETA, CDF, CDF, HINF, HINF, HAU, HAU, MEZF, MEZF, CABF, CABF, FLN, FLN, LDR, LDR, LOR, LOR, GRR, GRR, SSF, SSF, LPL, LPL, LMG, LMG, SMF, SMF, AVF, AVF, ONRI, ONRI, TCF, TCF, SBF, SBF, PFG, PFG, VIVF, VIVF, VWF, VWF, FRF, FRF, SMRF, SMRF, LMR, LMR, RJF, RJF, LASF, LASF, MTLF, MTLF

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Colim, Modra-Piesok, Modra-Piesok, Freiberg, Niedersach, Auchenon, Pruhonica, Bratislava, Trest, Clausthal, Niederberg, Werd, Gunzen, Wernitz, Novy Koste, Moxa, Ibbenburen, Conrad, Conrad, Conrad, Conrad, Manze, Kasper, Rotz, Gerres, Wetzell, Grafenberg, Grafenberg, Koenbreinsper, Furstendbr, Stuttgart, Altaltersbach, Kopfl, Waiferdange, Waiferdange, Givet, Baiver, Black Forest, Feichten, Champ du Feu, Hinterfall, Hautpomp, Claudpomp, Maizieres, La Chantel, La Foliniere, La Druitiere, Lormes, Gorron, Saint Saulge, Saint-Julien, La Plagne, La Plagne, Signal de Mont, Avil sur Loire, Baronecchia, Oris-en-Rattie, Toux Ste Croi, Sospel, Pioggia, Saint Martin, Saint Martin, La Foret Royal, Simiane la Rot, La Moure, Les Rejaudoux, Les Croix, Montolieu

NEIC 06 01:16:51.8, 1609N, 95.49W, h21km, MD3.9(MEX), After MEX. MEX 06 01:16:51.8:0.7, 1608N, 95.49W, h24km, 22km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Huig, Huig, CMIG, CMIG, VHO, VHO, TGIG, TGIG, TGIG, TGIG, CCIG, CCIG, PPM, PPM, PPM, PPM

ISCJB 06 01:30:45.5:0.6, 2040S, 0.05, 66.84W, 0.08, h237km, 6km, mb3.8/10, Error ellipse: s-maj=12.4km s-min=7.9km az=173.3

IDC 06 01:30:45.7:0.8, 2038S, 66.82W, h223km, 8km, mb3.5/8, mb1 3.6/13, mb1mx3.5/21, mbtmp3.4/13, Error ellipse: s-maj=14.6km s-min=9.2km az=93.0

NEIC 06 01:30:46.5:0.5, 2035S, 66.80W, h232km, 5km, mb4.1/4, Error ellipse: s-maj=9.8km s-min=6.9km az=72.0

ISC 06 01:30:46.3:0.6, 2040S, 0.05, 66.83W, 0.08, h229km, 6km, n34, az=098/33, mb3.8/10, 2C, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Limon Verde, Limon Verde, Limon Verde, Limon Verde, LAZ, LAZ, LAZ, LAZ, ARE, ARE, SIV, SIV, CPUP, CPUP, TRQA, TRQA, PLFA, PLFA, PLCA, PLCA

Table with columns: SDV, CPD, SJG, PMSA, TXAR, WMOK, SNA, SDCO, URM, TORD, NVAR, SYO, SYO, MAW, YKA, RES, ASAR, WRA, ZALV, ZALV, SONM, SONM. Includes station names, frequencies, and other technical details.

IDC 06 01:51:55.8:3.6, 1808S, 176.49W, h0km, mb4.4/3, mb1 4.7/3, mb1mx4.0/15, mbtmp4.4/3, Error ellipse: s-maj=109.6km s-min=40.1km az=133.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Warramunga Arr, Alice Springs, Warramunga Arr, Matushiro Arr, Geres, Geres

NEIC 06 02:03:47.8, 1863N, 102.07W, h35km, MD4.3(MEX), After MEX. MEX 06 02:03:47.8:0.7, 1862N, 102.08W, h32km, 13km, MD4.3, 1D, Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Zihuatanejo, Aquila, Morelia, Santa Fe, El Cayaco, Mezcala, Platanillo, Acapulco, Acapulco, MZVM, MZVM, Yautepex, Chameia, Pinon, Pico Tres Padr, Popocatepetl, Organos, Huacatlan, Vista Hermosa

ISCJB 06 02:40:56.6:0.7, 557S, 0.10, 260.0W, 0.2, h10km, mb4.2/9, MS3.8/3, Error ellipse: s-maj=18.6km s-min=12.1km az=146.9

IDC 06 02:40:57.1:0.8, 557S, 260.0W, h0km, mb4.2/8, mb1 4.2/9, mb1mx4.0/20, mbtmp4.1/9, ML3.0/1, MS3.7/3, Ms1 3.7/3, ms1mx3.2/24, Error ellipse: s-maj=25.2km s-min=17.5km az=61.0

NEIC 06 02:41:02.0:0.5, 557S, 26.12W, h35km, mb4.5/6, Error ellipse: s-maj=16.7km s-min=9.8km az=54.0

ISC 06 02:40:58.6:0.7, 557S, 0.1, 260.0W, 0.2, h10km, n19, az=01/17, mb4.2/9, MS3.8/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Sanae, Torquis, Palmer Station, Palmer Station, Maitri, Maitri, TRQA, TRQA, GSPA, GSPA, CPUP, CPUP, LVC, LVC, LVC, LVC, LAZ, LAZ, LAZ, LAZ, ARE, ARE, SIV, SIV, VANDA, VANDA, VANDA, VANDA, SIV, SIV, LBTB, LBTB, LAZ, LAZ, DBIC, DBIC, TORD, TORD, TORD, TORD, KEST, KEST

ISCJB 06 02:45:48.4:0.7, 557S, 0.1, 260.0W, 0.3, h10km, mb4.1/9, Error ellipse: s-maj=23.4km s-min=11.6km az=147.3

IDC 06 02:45:48.7:0.9, 557S, 1.5, 260.2W, h0km, mb4.1/9, mb1 4.1/10, mb1mx4.0/20, mbtmp4.0/10, ML2.9/1, MS3.8/1, Ms1 3.8/1, ms1mx3.1/18, Error ellipse: s-maj=29.1km s-min=16.0km az=63.0

NEIC 06 02:45:56.0:5.2, 557S, 25.98W, h56km, 50km, mb4.4/6

Error ellipse: s-maj=23.4km s-min=10.1km az=50.0
ISC 06 02:45:50.2, 0.7, 557S.01, 259W.02, h10km, n18, 0087/17, mb4.1/9, South Sandwich Islands region

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for SNAA, PMSA, USHA, TRQA, GQSA, CPUP, MAW, LVC, VVDA, SINDA, LAPAZ, TORO, STKA.

IDC 06 03:10:46.9, 5.6, 3115S, 17927W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/13, mb2mx3.7/2, Error ellipse: s-maj=209.3km s-min=62.0km az=156.0, Kermadec Islands region

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for ASAR, WRA, FINES, IDC 06 03:17:50, NNC 06 03:17, ISJCJB 06 03:17, NEIC 06 03:17, IDC 06 03:17.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for KK31, AML, EKS2, EKS2, UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for UCH, AAK, KZA, KBK, CHMS, USP, TKM2, ULLH, KBL, MK31, MKAR, MKAR, AB31, BVAR, BRVK, AKTK, AKTO, AKTO, ZALV, FINES, NB2, NOA, TORO, WRA.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for PSI, PSI, MKAR, WRA, ASAR, FINES, IDC 06 04:07, ISJCJB 06 04:07, IDC 06 04:07, HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

IDC 06 04:07:52.6, 2.9, 109S, 02:1654E, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/13, mb2mx3.7/2, Error ellipse: s-maj=46.2km s-min=13.1km az=151.9, Santa Cruz Islands

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for HNR, HNR, DZM, DZM, CTA, AFI, STKA, WRA, ASAR, MKAR, YKA, TXAR.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for SONM, WRA, ASAR, BILL, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ.

IDC 06 04:23:13, 0.3, 2759S, 17752W, h234km, h34km, mb3.3/4, mb1 3.5/4, mb1mx3.3/13, mb2mx3.4, Error ellipse: s-maj=114.4km s-min=26.1km az=165.0, Kermadec Islands region

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with 10 columns: Code, Station Name, Delta Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for RAO, RAO, ASAR, WRA, PETK, TXAR, NB2, NOA, AKASO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Vranov, Trest, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, ASAR, CSEM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, NEM2, JRG, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NEIC 06 07:40:00, 4400N, 14780E, h53km, Mw3.5, Best double couple: M2, 18000x-11704 NP1, 252.0000, -82.0000, 1-128.00000. NP2, 140.00000, -841.00000,

λ-28.0000°. JMA 06 07:40:53.9.0.3, 4396N-14782E, h0km, M4.0, Kuril Islands

IDC 06 07:04:15.3±4.2, 131S-10360E, h0km, mb3.5/4, mb1 3.7/4, m1mx3.5/19, mbtimp3.5/4, Error ellipse: s-maj=257.5km s-min=26.9km az=54.0, Southern Sumatera

IDC 06 07:57:46.2±3.4, 549S-15427E, h0km, mb3.8/3, mb1 4.0/3, m1mx3.7/14, mbtimp3.8/3, MS4.6/1, Ms1 4.6/1, ms1m2.9/27, Error ellipse: s-maj=113.2km s-min=30.5km az=110.0, Bougainville - Solomon Islands region

ATH 06 08:04:37.1, 3793N-2614E, h25km, MD3.2/3 CSEM 06 08:04:39.8±0.3, 3818N-2664E, h5km, MD2.7, Error ellipse: s-maj=8.5km s-min=5.6km az=77.0

CSEM 06 08:05:52.2, 1243N-4560E, h7km, ML3.7, After DHMR DHMR 06 08:05:52.2±1.0, 1243N-4560E, h7km, 13km, ML3.7, 1C-2D, Western Gulf of Aden

NEIC 06 08:09:15.0, 3139S-11165E, h35km, ML3.5(AUST), After AUST. AUST 06 08:09:15.8, 3139S-11165E, h35km, ML3.5, West of Australia

IDC 06 07:27:05.2±2.9, 350S-15196E, h0km, mb3.8/3, mb1 4.1/3, m1mx3.6/15, mbtimp3.8/3, Error ellipse: s-maj=109.6km s-min=40.6km az=124.0, New Ireland region

IDC 06 07:38:19.3±3.8, 5559N-8613E, h0km, mb1 2.8/1, m1mx2.7/23, mbtimp2.8/1, ML2.8/1, Error ellipse: s-maj=30.3km s-min=14.9km az=24.0, Southwestern Siberia

SOF 06 08:15:24.8, 3993N-2684E, h0km, MD2.7 ATH 06 08:15:26.7, 4039N-2769E, h37km, 12km, MD3.5/4 CSEM 06 08:15:27.4±0.0, 4040N-2745E, h8km, MD3.2, Error ellipse: s-maj=1.2km s-min=0.8km az=20.0

DDA 06 08:15:27.7, 4037N-2744E, h11km, 2km, MD3.2 ISK 06 08:15:27.0, 4038N-2744E, h3km, MD2.2 NEIC 06 08:15:27.0, 4040N-2745E, h0km, MD3.5(ATH),

ML3.2(ISK), After ISK.
ISCJB 06:08:15:27.4.0.4, 4036N.002:2743E.002, h4km, 3km,
Error ellipse: s-maj=3.1km s-min=2.5km az=14.4

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Marmara Adasi, Edincik, Bandirma, Sarfay-Tekirda, etc.

IDC 06:08:16:55.9.2.9, 1652S.17473W, h0km, mb4.3/4,
mb1 4.4/5, mb1mx3.9/17, mbmtmp4.3/5, ML1.9/1, Error
ellipse: s-maj=154.2km s-min=30.4km az=147.0, Tonga
Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like AFI Afimalu, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 06:08:44:09.3.4.1, 725S.12314E, h188km, 32km, mb3.4/1,
mb1 3.1/4, mb1mx2.9/18, mbmtmp3.0/4, Error ellipse:
s-maj=166.2km s-min=35.5km az=77.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

GUC 06:08:47:20.2.0.8, 3173S.6960W, h5km, 24km, MD3.9,
ML2.7, 2D, San Juan Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like CMCH Combarbala, PEL Peldehue, etc.

CSEM 06:09:10:39.6.0.1, 4091N.4033E, h7km, 1km, MD2.6, Error
ellipse: s-maj=2.3km s-min=1.0km az=157.0

DDA 06:09:10:39.4, 4103N.4026E, h7km, 3km, MD2.8
ISK 06:09:10:39.5, 4092N.4033E, h6km, MD2.6

ISCJB 06:09:10:40.1.0.7, 4101N.005:426E.005, h10km, Error
ellipse: s-maj=8.6km s-min=4.2km az=150.8

ISC 06:09:10:40.2.0.8, 4101N.005:402E.005, h5km, 7km, n10,
e1501/15, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KTUT Trabzon, PZAR Pazar-Rize, etc.

BJJ 06:09:36:49.8, 4146N.12064E, h20km, ML3.5,
North-eastern China

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SNY Shenyang, DL2 Dalian, etc.

DL2 Changchun 4.25 55 ePG S Pn 03 38 07.2 +1.4
CN2 03 38 57.4 +1.5

NJ2 Nanjing 9.50 189 eP Pn 03 39 09.1 +3.7
LZH Lanzhou 14.15 253 eP Pn 03 40 07.5 -1.5

NIED 06:09:37:00, 3360N.13510E, h47km, Mw3.5 Best double
couple: M1.69000x1014 NP1.30.00000, 364.00000,
lambda=12.00000, NP2.30.122.00000, 378.00000,
lambda=170.00000

ISCJB 06:09:37:22.2.0.1, 3362N.006:13512E.005, h35km, 17km,
Error ellipse: s-maj=10.6km s-min=7.3km az=177.9

JMA 06:09:37:22.4, 3362N.13512E, h37km, 1km, M3.5
Broadband fault plane solution: P waves, NP1:
e3.0.00000, 374.00000, lambda=15.00000, NP2.30.124.00000,
375.00000, lambda=163.00000, Principal axes: T, P1.1.00000,
Az=257.00000, N1, P1.668.00000, Az=165.00000; P
P1.622.00000, Az=347.00000;

JMA Fell J1.
ISC 06:09:37:22.2.0.1, 3362N.007:13512E.005, h34km, 6km, n8,
e14/14, 5C-3D, Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JMW Minabe, JWM Wajima, etc.

MOS 06:09:41:48.0.0.8, 721S.12816E, h95km, mb4.9/7, Error
ellipse: s-maj=29.8km s-min=9.8km az=113.8

IDC 06:09:41:53.9.3.4, 739S.12807E, h126km, 32km, mb3.8/7,
mb1 4.2/10, mb1mx4.0/16, mbmtmp4.0/10, MS3.0/1,
Ms1 3.0/1, ms1mx2.6/19, Error ellipse: s-maj=30.3km
s-min=14.5km az=70.0

NEIC 06:09:41:53.9.1.7, 738S.12816E, h138km, 19km, mb4.6/13,
Error ellipse: s-maj=16.0km s-min=10.0km az=60.0

BJJ 06:09:41:53.2, 732S.12775E, h121km, mb4.4, mb4.8
ISCJB 06:09:41:54.1, 729S.12816E, h166km, 12km,
mb4.4/26, Error ellipse: s-maj=10.4km s-min=8.1km
az=148.6

DJA 06:09:41:58, 780S.12827E, h170km, ML5.2/2
ISC 06:09:41:53.4.1, 745S.008:12831E.006, h139km, 15km,
n62, e118/165, mb4.4/26, 8C-2D, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BATI Baotou, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KAKA Fitzroy Crossi, WRA Warramunga Arr, etc.

MBWA Marble Bar 13.75 155 eP S Pn 03 45 26.6 -1.0
ASAR Alice Springs 17.00 162 P S Pn 03 45 59.0 -0.9

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ASAR Alice Springs 17.00 162 P S Pn 03 45 59.0 -0.9

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like MSLP, MBWA, MBWA, LPU-LAPU, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like GZH, CBIJ, KNTK, NONGPLAB, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like DL2, IMP, BJT, BJ, etc.

2007 JUN

Table with columns for station call signs (e.g., YSS, HBR, JIRN, GUN, PKI, etc.), frequencies, and other parameters. Includes sub-sections like '6d 11h' and various station identifiers.

Table with columns for station call signs (e.g., CLNS, WMO, WMQ, etc.), frequencies, and other parameters. Includes sub-sections like '6d 11h' and various station identifiers.

Table with columns for station call signs (e.g., ZALV, ZALV, ZALV, etc.), frequencies, and other parameters. Includes sub-sections like '6d 11h' and various station identifiers.

Table with columns: Station Name, Frequency, Band, Mode, Power, and various other parameters. Includes stations like KIV Kislovodsk, KMBO Kilima Mbogo, EGAK Eagle, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and various other parameters. Includes stations like UZH Uzhgorod, HFS Hagfors, YVHS Vyhve, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and various other parameters. Includes stations like AUTN L'Aution, LUCIF Lucernar, CALN Calern, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Castelo Branco, Mount Ida, Barrancos, Evora, Beja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Anninata, Levkas, Riosol de Patr, Sela, etc.

ISCJB 06 12:33:24.6i.1.6, 139N:02.90D:00.02, h44km, 14km, mb3.8/6, Error ellipse: s-maj=46.9km s-min=21.1km az=145.4

CASC 06 12:33:24.9i.0.9, 135AN:90.48W, h34km, 3km, MD3.9, ML4.0, mb3.6(NEIC)

NEIC 06 12:33:24.3i.2, 1389N:89.86W, h43km, 50km, mb3.6/1, Error ellipse: s-maj=33.7km s-min=16.9km az=60.0

IDC 06 12:33:24.6i.7.8, 1389N:89.84W, h44km, 77km, mb3.6/6, mb1.3/6, mb1mx3.5/21, mbtmp3.6/6, Error ellipse: s-maj=52.5km s-min=22.1km az=60.0

ISC 06 12:33:25.4i.1.6, 137N:01.90W:02, h60km, 13km, n23, i=108/10, mb3.8/6, 1C-7D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like El Retiro, San Blas, San Jose, etc.

MOS 06 12:52:53.2i.0.7, 5470N:163.15E, h30km, mb4.4/1, Error ellipse: s-maj=21.8km s-min=14.3km az=70.2

KRSC 06 12:52:54.2i.0.6, 5477N:162.84E, h23km, 22km, ML4.3, 1C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mys Kozlova, Krutoberegovo, Tumrok, etc.

ATH 06 13:57:44.5, 3869N:26.72E, h57km, 28km, MD3.1/3

CSEM 06 13:57:47.6i.0.1, 3940N:26.89E, h10km, MD2.9, Error ellipse: s-maj=1.2km s-min=1.1km az=38.0

DDA 06 13:57:47.6, 3942N:26.94E, h12km, 3km, Md2.9

NEIC 06 13:57:47.0, 3942N:26.88E, h5km, MD3.1 (ISK), MD3.1 (ATH), After ISK

ISK 06 13:57:47.4, 3940N:26.88E, h6km, MD3.0

ISCJB 06 13:57:47.8i.0.3, 3941N:26.90E:00.02, h6km, Error ellipse: s-maj=2.8km s-min=2.3km az=138.9

THE 06 13:57:49.0, 3932N:26.88E, h10km, ML3.4

ISC 06 13:57:48.0i.0.4, 3943N:00.2:2692E:00.2, h3km, 4km, n38, i=086/59, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bozcaada, Akhisar, Tokmak, Balçova, etc.

NIED 06 14:05:00, 3330N:131.50E, h8km, Mw4.1, Best double couple: Mo:1.77000x10^15, NP1:0.24200000, delta:01.000000, lambda:144.000000, NP2:0.13200000, delta:059.000000, lambda:35.000000

ISCJB 06 14:05:02, i.0.4, 3330N:00.4:131.46E:00.5, h10km, mb3.9/10, MS3.5/4, Error ellipse: s-maj=6.7km s-min=5.3km az=138.6

IDC 06 14:05:02.0i.2.0.8, 3338N:131.51E, h0km, mb3.8/8, mb1.3/5/10, mb1mx3.8/23, mbtmp3.7/10, ML3.3/2, MS3.5/4, Ms1.3/5/4, ms1mx2.9/27, Error ellipse: s-maj=23.7km s-min=13.7km az=65.0

JMA 06 14:05:02.0, 3334N:131.50E, h11km, 1km, M4.1, Broadband fault plane solution: P waves, NP1: 0.14300000, delta:066.000000, lambda:-12.000000, NP2: 0.23800000, delta:079.000000, lambda:-15.000000, Principal axes: Azm281.000000, P P1g25.000000, N P1g63.000000, Azm281.000000, P P1g25.000000, Azm103.000000

JMA 06 14:05:02.0, 3331N:131.40E, h10km, mb3.9/2 Error ellipse: s-maj=10.7km s-min=9.7km az=216.0

NEIC Recorded [3 JMA] in Oita and [1 JMA] in Fukuoka and Miyazaki Prefectures.

ISC 06 14:05:03.0i.0.4, 3328N:00.4:131.42E:00.5, h10km, n23, i=117/13, mb3.8/10, MS3.5/4, 4C, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Oita, Usuki, Kunimi, Izumi, etc.

IDC 06 14:21:24.3i.0.9, 7266N:125.16E, h0km, mb3.9/8, mb1.4/0/6, mb1mx3.8/23, mbtmp3.9/8, MS4.8/1, Ms1.4/8/1, Ws1.1mx2.7/20, Error ellipse: s-maj=27.4km s-min=22.6km az=172.0

MOS 06 14:21:24.7i.0.9, 7264N:124.85E, h12km, mb4.0/4, Error ellipse: s-maj=50.0km s-min=16.9km az=88.8

ISCJB 06 14:21:28.1i.2.5, 726N:01.1:124.8E:0.3, h33km, 24km, mb3.7/11, Error ellipse: s-maj=24.3km s-min=13.4km az=178.3

NEIC 06 14:21:29.9i.2.5, 7258N:125.15E, h42km, 26km, mb3.9/1, Error ellipse: s-maj=25.5km s-min=15.5km az=158.0

ISC 06 14:21:29.3i.5.4, 726N:01.1:125.0E:0.2, h33km, 39km, n25, i=072/26, mb3.7/11, 3C-4D, Northern and central Siberia

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

ATH 06 12:04:27.8, 4049N:239.0E, h27km, 18km, MD3.2/3

ISCJB 06 12:04:28.6i.0.5, 4045N:00.3:2391E:00.5, h24km, 8km, Error ellipse: s-maj=6.9km s-min=4.7km az=151.5

CSEM 06 12:04:28.5i.0.1, 4043N:239.1E, h25km, ML2.8, Error ellipse: s-maj=2.6km s-min=1.9km az=54.0

THE 06 12:04:28.5, 4045N:239.1E, h15km, ML2.8

ISC 06 12:04:28.6i.0.5, 4045N:00.3:2391E:00.5, h20km, 6km, n12, i=074/22, 1C, Greece

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

ISCJB 06 12:12:12.8i.1.0, 3810N:00.5:2019E:00.6, h4km, Error ellipse: s-maj=8.2km s-min=4.7km az=41.6

ATH 06 12:12:12.9, 3815N:20.14E, h4km, MD3.6/6

NEIC 06 12:12:12.9, 3815N:20.14E, h4km, MD3.6(ATH), After ATH

CSEM 06 12:12:13.0i.0.5, 3818N:20.20E, h2km, ML3.6, Error ellipse: s-maj=3.3km s-min=4.2km az=54.0

THE 06 12:12:14.4, 3813N:20.26E, h2km, ML3.6

ISC 06 12:12:13.3i.1, 3809N:00.5:2020E:00.6, h4km, 7km, n17, i=098/25, 1D, Greece

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA, MAW, CPUP, VFLA, etc.

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

MAN 06 15:24:29,1687N:12005E,h31km,mb4.2,ML3.0,MS2.8, 1C,Luzon

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

ISCJB 06 15:41:39.04.5,3733N:003.3335E,003,h5km,Error ellipse: s-maj=4.8km s-min=3.8km az=166.3

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

MEX 06 16:08:58.0.6,1873N:10503W,h15km,33km,MD3.8, Off coast of Jalisco

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

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

ISCJB 06 16:09:06.7:19.0,1723S:17893W,h546km,189km, mb3.1/3,mb1mx2.9/15,mbtm3.1/3,Error ellipse: s-maj=139.2km s-min=87.4km az=101.0,Fiji Islands region

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

NEIC 06 15:11:00.6,2887S:7133W,h43km,MG3.8(GUC),After GUC

GUC 06 15:11:00.6:0.8,2887S:7133W,h43km,3km,ML3.8,6C, Near coast of central Chile

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

JMA 06 15:18:27.7,3334N:13149E,h10km,1km,M1.9,Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OIT2, Oita, JKI, etc.

NIED 06 15:18:00,3330N:13150E,h5km,Mw4.1 Best double couple: M1.76000:1015 NP1,q223.00000: 868.00000, lambda:1.000000, NP2,q2125.00000: 854.00000, lambda:28.00000

WEL 06 15:27.1:0.1,4080S:17457E,h50km,2km,ML3.8/16, After Strait Error ellipse: s-maj=1.1km s-min=0.7km az=90.0,Cook

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

WEL 06 15:18:39.8,3330N:13141E,h10km,mb3.8/8, mb1 3.9/10,mb1mx3.8/22,mbtm3.8/10,ML3.5/2,MS3.2/5, Ms1 3.2/5,ms1mx2.9/25,Error ellipse: s-maj=24.2km s-min=14.3km az=62.0

JMA 06 15:18:34.8,3333N:13150E,h12km,1km,M4.2, Broadband fault plane solution: P waves. NP1: q2128.00000: 837.00000, lambda:26.00000, NP2: q239.00000: 874.00000, lambda:124.00000, Principal axes: T P1q22.0000: 3035.0000, N P1q33.0000: Azm250.0000; P P1q49.0000; Azm112.0000; JMA Felt III J

ISCJB 06 15:18:34.1:0.5,3330N:004:13139E,005,h10km, mb3.8/10,MS3.2/3 Error ellipse: s-maj=6.2km s-min=5.6km az=135.7

NEIC 06 15:18:35.9:0.6,3333N:13127E,h10km,MG4.2(JMA), Error ellipse: s-maj=15.3km s-min=13.4km az=3.0

BJI 06 15:18:39.8,3330N:13130E,h60km,mb4.4,mb4.4, ISC 06 15:18:35.5:0.5,3331N:004:13144E,006,h10km,n23, r121/25,mb3.8/10,MS3.2/3,3C,Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OIT2, JKI, JUS, etc.

WEL 06 15:27.1:0.1,4080S:17457E,h50km,2km,ML3.8/16, After Strait Error ellipse: s-maj=1.1km s-min=0.7km az=90.0,Cook

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

WEL 06 15:18:39.8,3330N:13141E,h10km,mb3.8/8, mb1 3.9/10,mb1mx3.8/22,mbtm3.8/10,ML3.5/2,MS3.2/5, Ms1 3.2/5,ms1mx2.9/25,Error ellipse: s-maj=24.2km s-min=14.3km az=62.0

JMA 06 15:18:34.8,3333N:13150E,h12km,1km,M4.2, Broadband fault plane solution: P waves. NP1: q2128.00000: 837.00000, lambda:26.00000, NP2: q239.00000: 874.00000, lambda:124.00000, Principal axes: T P1q22.0000: 3035.0000, N P1q33.0000: Azm250.0000; P P1q49.0000; Azm112.0000; JMA Felt III J

ISCJB 06 15:18:34.1:0.5,3330N:004:13139E,005,h10km, mb3.8/10,MS3.2/3 Error ellipse: s-maj=6.2km s-min=5.6km az=135.7

NEIC 06 15:18:35.9:0.6,3333N:13127E,h10km,MG4.2(JMA), Error ellipse: s-maj=15.3km s-min=13.4km az=3.0

BJI 06 15:18:39.8,3330N:13130E,h60km,mb4.4,mb4.4, ISC 06 15:18:35.5:0.5,3331N:004:13144E,006,h10km,n23, r121/25,mb3.8/10,MS3.2/3,3C,Kyushu

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

ISCJB 06 16:09:06.7:19.0,1723S:17893W,h546km,189km, mb3.1/3,mb1mx2.9/15,mbtm3.1/3,Error ellipse: s-maj=139.2km s-min=87.4km az=101.0,Fiji Islands region

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

ISC 06 16:16:01.0:1.2,1130N:12366E,h0km,mb3.6/5, mb1 3.8/5,mb1mx3.5/21,mbtm3.6/5, Error ellipse: s-maj=49.4km s-min=19.5km az=80.0,Cebu

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

ISC 06 16:32:42.6:1.5,3797N:2191E,h0km,mb3.8/4,mb1 3.8/4, mb1mx3.4/23,mbtm3.8/4, Error ellipse: s-maj=65.5km s-min=27.0km az=130.0

ATH 06 16:32:50.3,3785N:2195E,h67km,MG3.3(ATH),After ATH Error ellipse: s-maj=8.1km s-min=6.6km az=151.9

ATH 06 16:32:50.3,3785N:2195E,h67km,3km,ML3.3 Error ellipse: s-maj=8.1km s-min=6.6km az=151.9

ATH 06 16:32:50.3,3785N:2195E,h67km,3km,ML3.3 Error ellipse: s-maj=8.1km s-min=6.6km az=151.9

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

ISCJB 06 16:37:36.0:0.8,2496N:12365E,h142km,31km, MG3.4(JMA), Error ellipse: s-maj=66.6km s-min=10.7km az=156.0

JMA 06 16:37:37.0:0.5,2521N:12390E,h159km,3km,M3.4 Error ellipse: s-maj=82.1km s-min=44.4km az=58.0

ISC 06 16:37:35.6:0.6,2536N:006:12347E,005,h17km,4km, n25,r101/42,mb3.5/2,Northeast of Taiwan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hateruma jima, Tarama, Miyako jima, Taipei, Gusukube, etc.

NEIC 06 16:42:08.1±0.6, 7.13S, 155.98E, h10km, mb4.6/2, Error ellipse: s-maj=12.7km s-min=11.1km az=186.0

ISCJB 06 16:42:13.9±1.1, 7.3S, 02:156.1E, 0.1, h75km, 4.5km, mb4.0/2, Error ellipse: s-maj=34.5km s-min=15.8km az=143.4

ISC 06 16:42:14.9±5.3, 7.28S, 156.05E, h66km, 5.6km, mb3.8/8, mb1.3/9, mb1mx3.8/17, mbtmt3.9/9, ML3.8/1, MS3.5/1, Ms1.3/5.1, ms1mx2.6/21, Error ellipse: s-maj=37.8km s-min=19.3km az=136.0

ISC 06 16:42:14.3±1.1, 7.3S, 02:156.0E, 0.2, h60km, 4.6km, n15, 0560/17, mb4.1/9, Bougainville - Solomon Islands region

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

ISC 06 17:03:58.7±7.3, 2172N, 14298E, h236km, 7.2km, mb3.1/8, mb1.3/3.8, mb1mx3.2/20, mbtmt3.1/8, Error ellipse: s-maj=44.7km s-min=14.0km az=81.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Korea Array, Songo Array, Warramunga Arr, etc.

ISCJB 06 17:22:18.3±1.0, 219N, 0.1, 1432E, 0.3, h47km, 2.7km, mb3.9/8, MS2.8/1, Error ellipse: s-maj=48.7km s-min=17.8km az=71.6

ISC 06 17:22:20.2±3.3, 2186N, 14326E, h49km, 3.1km, mb3.5/6, mb1.3/7.7, mb1mx3.6/20, mbtmt3.6/20, ML3.7/1, MS2.8/2, Ms1.2/8/2, ms1mx2.4/20, Error ellipse: s-maj=47.9km s-min=18.8km az=84.0

NEIC 06 17:22:36.3±0.9, 2176N, 14305E, h200km, mb4.1/2, Error ellipse: s-maj=36.0km s-min=14.7km az=79.0

ISC 06 17:22:20.1±2.6, 218N, 0.1, 1433E, 0.3, h48km, 2.3km, n12, 0579/11, mb3.9/8, MS2.8/1, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Kunigami, Korea Array, etc.

ISCJB 06 17:55:44.3±1.0, 2807N, 0.0, 1024E, 0.1, h10km, mb3.5/3, Error ellipse: s-maj=16.4km s-min=5.2km az=4.8

ISC 06 17:55:46.0±2.1, 2969N, 10435E, h0km, mb3.5/3, mb1mx3.5/19, mbtmt3.7/25, Error ellipse:

mb1.3/7.3, mb1mx3.4/21, mbtmt3.5/3, Error ellipse: s-maj=55.7km s-min=26.8km az=54.0

BUJ 06 17:55:46.4, 2820N, 10176E, h10km, ML2.8, ISC 06 17:55:46.2±1.0, 2808N, 0.0, 1023E, 0.1, h10km, n6, 0137/10, mb3.5/3, Sichuan

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

ISC 06 18:03:38.1±1.9, 2748S, 7204W, h0km, mb4.0/1, mb1.3/8.4, mb1mx3.7/17, mbtmt3.8/4, ML3.7/4, Error ellipse: s-maj=56.2km s-min=28.0km az=81.0

NEIC 06 18:03:39.5±1.1, 2747S, 7204W, h10km, Error ellipse: s-maj=26.4km s-min=9.0km az=86.0

ISCJB 06 18:03:42.2±0.2, 2741S, 0.0, 717W, 0.2, h33km, Error ellipse: s-maj=31.2km s-min=6.2km az=174.7

ISC 06 18:03:43.8±2.0, 2744S, 0.0, 718W, 0.2, h35km, n10, 0575/11, Near coast of northern Chile

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

CSEM 06 18:05:28.0±0.1, 3840N, 3904E, h12km, MD2.8, Error ellipse: s-maj=2.2km s-min=1.8km az=132.0

DDK 06 18:05:28.5, 3837N, 3913E, h7km, 1km, Md3.1, ISC 06 18:05:28.2, 3841N, 3902E, h7km, MD2.8

ISCJB 06 18:05:29.0±0.5, 3842N, 0.0, 3905E, 0.0, h10km, 5km, n9, Error ellipse: s-maj=6.6km s-min=5.1km az=148.4

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

ISC 06 18:08:03.2±0.2, 4335N, 10524W, h0km, mb4.5/1, mb4.1/4, mb1mx3.6/25, mbtmt3.9/4, ML3.6/3, Error ellipse: s-maj=44.0km s-min=8.8km az=154.0

ISCJB 06 18:08:04.6±0.6, 4382N, 0.0, 10528W, 0.0, h0km, Error ellipse: s-maj=7.3km s-min=5.5km az=28.0

NEIC 06 18:08:05.6±0.5, 4375N, 10521W, h0km, ML3.3, Error ellipse: s-maj=8.0km s-min=6.3km az=128.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette, ISC 06 18:08:06.1±0.5, 4379N, 0.0, 10525W, 0.0, h0km, n23, 0120/23, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Black Hills, Pilot Hill, Rawlins, etc.

ISC 06 18:09:41.9±3.4, 205S, 10225E, h0km, mb3.7/5, mb1.3/8.5, mb1mx3.5/19, mbtmt3.7/25, Error ellipse:

s-maj=153.2km s-min=20.7km az=56.0, Southern Sumatera

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

ISC 06 18:46:50.8±7.8, 563S, 13073E, h29km, 5.6km, mb4.0/8, mb1.4/2/1, mb1mx4.1/15, mbtmt4.1/11, ML4.3/3, MS3.3/2, Ms1.3/3/2, ms1mx2.7/21, Error ellipse: s-maj=40.3km s-min=16.1km az=76.0

ISCJB 06 18:46:51.2±1.3, 564S, 0.0, 13088E, 0.0, h54km, 14km, mb4.3/14, MS3.3/2, Error ellipse: s-maj=11.4km s-min=9.3km az=19.7

NEIC 06 18:46:55.3±1.6, 565S, 13078E, h71km, 15km, mb4.5/6, Error ellipse: s-maj=19.6km s-min=7.3km az=60.0

ISC 06 18:46:52.0±1.3, 564S, 0.0, 13086E, 0.0, h39km, 14km, n40, 0194/40, mb4.3/14, MS3.3/2, T. Banda Sea

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

ISC 06 18:50:28.0±0.1, 3840N, 3904E, h12km, MD2.8, Error ellipse: s-maj=2.2km s-min=1.8km az=132.0

DDK 06 18:05:28.5, 3837N, 3913E, h7km, 1km, Md3.1, ISC 06 18:05:28.2, 3841N, 3902E, h7km, MD2.8

ISCJB 06 18:05:29.0±0.5, 3842N, 0.0, 3905E, 0.0, h10km, 5km, n9, Error ellipse: s-maj=6.6km s-min=5.1km az=148.4

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

ISC 06 18:08:03.2±0.2, 4335N, 10524W, h0km, mb4.5/1, mb4.1/4, mb1mx3.6/25, mbtmt3.9/4, ML3.6/3, Error ellipse: s-maj=44.0km s-min=8.8km az=154.0

ISCJB 06 18:08:04.6±0.6, 4382N, 0.0, 10528W, 0.0, h0km, Error ellipse: s-maj=7.3km s-min=5.5km az=28.0

NEIC 06 18:08:05.6±0.5, 4375N, 10521W, h0km, ML3.3, Error ellipse: s-maj=8.0km s-min=6.3km az=128.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette, ISC 06 18:08:06.1±0.5, 4379N, 0.0, 10525W, 0.0, h0km, n23, 0120/23, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Black Hills, Pilot Hill, Rawlins, etc.

ISCJB 06 19:21:49.0±1.1, 292S, 0.0, 1369E, 0.2, h33km, mb4.7/11, MS3.5/3, Error ellipse: s-maj=26.9km s-min=8.7km az=171.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, EIDS Eidsvold, CTA Charters Tower, etc.

ISK 06 21:23:36.0, 3884N-2625E, h10km, MD3.2, Error ellipse: s-maj=5.7km s-min=2.7km az=82.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRK Paraskevi, AYVA Ayvalik, URLA Izmir, etc.

ISCJB 06 21:35:31.4, 0.51549N-1600E-003, h0km, Error ellipse: s-maj=3.8km s-min=2.2km az=12.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRAC Vranov, TREC Trest, KRUC Moravsky, etc.

IDC 06 22:01:44.5, 1.26425N-7026W, h0km, mb4.0/2, mb1 3.9/5, mb1mx3.7/18, mb1mx3.8/5, ML2.4/3, Error ellipse: s-maj=53.0km s-min=27.4km az=106.0

ISCJB 06 22:01:47.3, 0.172626S-003.706W, h0km, mb4.0/2, mb1 3.9/5, mb1mx3.8/18, mb1mx3.8/5, ML2.4/3, Error ellipse: s-maj=53.0km s-min=27.4km az=106.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPCH Copiapo, CPNH Cerro Paranal, VACH Vallenar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KII Karymskiy, SRDR Sredinnyy, SPN Mys Shipunski, etc.

ATH 06 23:24:11.7, 3857N-2164E, h32km, 1km, MD3.0/4, NEIC 06 23:24:13.0, 3854N-2163E, h14km, MD3.0(ATH), ML2.37(TH), After THE

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SELA Sela, ERS Eryvritana, RLV Riolovs of Patr, etc.

ISCJB 06 23:29:50.2, 0.13635N-3145E, h10km, MD3.1, Error ellipse: s-maj=4.0km s-min=3.3km az=171.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANTB Antalya, HDMB Hadim, ELL Elmalı, etc.

ISCJB 06 23:52:12.1, 2.6402N-02.4097E-008, h9km, 21km, Error ellipse: s-maj=4.1km s-min=7.0km az=9.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOPT Kop Dagı, KOPT Kopt, ERZURUM Erzurum, etc.

MOS 06 23:56:47.9, 1.0, 1199N-142.08E, h33km, mb5.3/31, MS4.2/4, Error ellipse: s-maj=10.8km s-min=6.5km az=102.8

ISCJB 06 23:56:49.3, 1.0, 1200N-004.14214E-003, h40km, 8km, mb5.0/86, MS4.2/27, Error ellipse: s-maj=7.1km s-min=4.4km az=6.6

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

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Hachioji jima 2, Ninganchiao, Yuheng, Matushiro Arr, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Baozi Chengdu, BTO CD2, BTO CD2, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Zalesovo, Novosibirsk, Zalesovo, etc.

Table with columns: CVD, Call Sign, Frequency, Power, Mode, and other technical details for stations in the 7d 0h range.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2007 JUN range.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 176 range, including a section for Bougainville - Solomon Islands region.

Table with columns for station name, frequency, and various signal quality indicators (e, p, s, etc.). Includes stations like KLBRR, KLRB, KSM, etc.

BJI 07 00:40:36.7, 3.35S, 147.30E, h23km, mb6.2, mb5.3, Ms6.3, Ms2.6; GCMT 07 00:40:38.1, 0.1, 3.32S, 146.85E, h12km, MW6.2/115, Moment Tensor Solution...

Table with columns for Code, Station Name, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like COEN, COEN, HNR, etc.

Main table with columns for station name, frequency, and various signal quality indicators. Includes stations like WRA, WRA, WRA, etc.

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like MUN, MUN, MJAR, etc.

2007 JUN

Table with columns: SNG, Songkhla, 47.27 283, P, P, 00 49 13.0 -0.1, DL2, Dalian, 48.04 333, etc.

Table with columns: XAN, PP, PP, 00 51 41.1 -1.9, XAN, PPP, SCP, ScP, 00 52 44.7, etc.

Table with columns: comp=Z,69nm,1.0s,mb5.6, HIA, e, pP, 00 50 34.5 -0.3, HIA, ePcP, pP, 00 51 19.6 -1.9, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like Vishakhapatnam, IRK, SEY, GUN, YAK, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like VVND, VVND, POO, SBA, MK31, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like AML, EKS2, EKS2, EKS2, SLKM, etc.

Table with columns for call sign, frequency, power, and other technical details for stations in the 181 range.

Table with columns for call sign, frequency, power, and other technical details for stations in the 2007 JUN range.

Table with columns for call sign, frequency, power, and other technical details for stations in the 7d 0h range.

7d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDDR, LPAZ, CPUP, SDV, TOAO, TORO, MTP, PMP, PPM, etc.

NEIC 07 01:03:03.6, 3169S-7209W, h15km, ML2.8(GUC), After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMCH, PEL, TACH, PCH, LMEL, etc.

CSEM 07 01:07:05.5, 0.1, 3497N-3340E, h60km, Mw3.1, Error ellipse: s-maj=3.2km s-min=2.0km az=3.0

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

2007 JUN

NEIC 07 01:28:53.1, 1561N-9784W, h13km, MD3.6(MEX), After MEX.

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

ISCJB 07 01:42:05.4, 0.2, 4047N-297W, h10km, ML4.1, Error ellipse: s-maj=2.2km s-min=1.5km az=138.3

SFS 07 01:42:09.0, 4040N-298W, h10km, ML4.1 CSEM 07 01:42:09.8, 0.0, 4043N-291W, h10km, ML4.2/32, Error ellipse: s-maj=1.2km s-min=0.7km az=125.0

NEIC 07 01:42:10.0, 4040N-297W, h10km, ML4.1(STR), ML4.2(LDG), MN4.2(MDD), After MDD.

NEIC Felt [V] in the Escopete area. Also felt at Madrid. IGL 07 01:42:10.1, 4040N-298W, h10km, ML3.9

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

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

ETOB 07 01:42:05.9, 0.6, 3489N-005S-3348E-004, h58km, 7km, n20, o579/32, 2C, Cyprus region

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

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Table with columns: IUNC, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urciti, Horta de San J, EQUES, etc.

Table with columns for station name (e.g., MVO, ATE, ECOG), coordinates (e.g., 3.14 285), frequency (e.g., ePn), polarization (e.g., Pn), and signal strength (e.g., 01 42 58.8 +1.2).

Table with columns for station name (e.g., ERUA, PVIS, EMIR), coordinates (e.g., 32nm,0.2s,SNR=7.9), frequency (e.g., Pg), polarization (e.g., Pg), and signal strength (e.g., 01 44 05.2).

Table with columns for station name (e.g., EALB, ERIP, ERIK), coordinates (e.g., 4.48 180), frequency (e.g., Pg), polarization (e.g., Pg), and signal strength (e.g., 01 43 30.6 -3.1).

7d 3h

2007 JUN

Table with columns: Station, Name, Time, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like HABR, CN2, VDA, VYB, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like J02A, YB, YBH, YBY, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like D06A, L08A, TPNV, S10A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like K12A Draper Farm, WMQ Urumi, O13A Hicks Ranch, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR Pinedale Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BLBC Balcova, KDLB Balcova, KBAC Bornova, etc.

7d 3h

Table with columns for rider name, horse name, score, and other statistics. Includes entries like MAJO Matsushiro, MAT Matsushiro, KSM Kuching, etc.

2007 JUN

Table with columns for rider name, horse name, score, and other statistics. Includes entries like R10A Warm Springs, S11A Rachel, W13A Hualapai Mount, etc.

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Table with columns for rider name, horse name, score, and other statistics. Includes entries like L11A Cat Creek Ranc, K11A Parker Ranch, U16A Tubu City, etc.

Table of astronomical observations for 2007 JUN, column 189. Includes stations like LZH, ULN, Ulanbatar, YKA, YKA, YKA, etc. with various data points and coordinates.

Table of astronomical observations for 2007 JUN, column 190. Includes stations like LDF, GRR, SGFM, WTTA, MYKA, SQT, etc. with various data points and coordinates.

Table of astronomical observations for 2007 JUN, column 191. Includes stations like IDC 07:03:34:05.6, 6.5, 3D7S:146.16E, COEN, KAKA, etc. with various data points and coordinates.

RUS Russkaya 3.66 231 eP Pn 04 18 14.9 +1.8
ISCJB 07:04:30:23.1+0.7, 3131S:007:179.6W-0.1, h347km, b6km, mb3,7/10, Error ellipse: s-maj=20.8km s-min=7.7km az=22.9

Table of astronomical observations for 2007 JUN, column 192. Includes stations like RAO, RAO, RAO, etc. with various data points and coordinates.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BLS5, ARAO, ARCES, FIAO, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PKSM, TOR, YKA, TORD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PDA, PSMN, CMLA, etc.

KSR5	2.7nm,0.3s,baz=142,slow=17,SNR=16	Sn	08 24 29.9	-3.4
KSR5	5.7nm,0.3s,baz=143,slow=24,SNR=4.9		08 24 53.5	
KSR5	5.7nm,0.3s,baz=141,slow=29,SNR=5.7	LR	08 25 27.1	
MAT	comp=Z,456nm,19.1s,baz=148,slow=38	Pn	08 23 53.3	+1.0
MAT	Matsushiro 6.43 57 P	Sn	08 25 04.9	-1.1
MAJO	Matsushiro 6.43 57 eP	eP	08 25 54.0	+1.7
MAJO	comp=Z,59nm,0.6s	pmax		
MAJO	Matsushiro 6.43 57 ePn	Pn	08 23 54.0	+1.7
MJAR	Matsushiro Arr 6.43 57 Pn	Pn	08 23 53.7	+1.4
MJAR	comp=Z,14nm,0.3s,baz=244,slow=14,SNR=178	Lg	08 25 38.5	
MJAR	comp=Z,0.5nm,0.3s,baz=257,slow=30,SNR=4.2	Pn	08 23 59.2	-0.4
HJH	Hachiojima 2 6.96 99 Pn	Pn	08 24 53.6	+4.0
SNY	Shenyang 236 33 S	Pn	08 26 50.6	+1.9
SNY	comp=Z,14nm,0.5s	AMB		
SNY	comp=Z,90nm,4.9s	AMB		
SNY	comp=N,3um,12.5s	LR		
SNY	comp=E,4um,12.1s	LR		
SNY	comp=Z,2um,8.8s	LR		
CBUJ	Chichi jima 11.11 121 Pn	LR	08 28 51.0	
MDJ	Mudanjiang 11.45 353 P	Pn	08 25 01.8	+0.8
MDJ	comp=Z,7.4nm,18.3s,MS3.8,baz=99,slow=37	Sn	08 27 19.8	+1.1
MDJ	comp=Z,9.0nm,1.2s	AMB		
MDJ	comp=Z,100nm,7.9s	LR		
MDJ	comp=E,605nm,11.5s	LR		
MDJ	comp=Z,461nm,11.3s	LR		
TIA	Tai'an 12.17 288 eP	Pn	08 25 15.6	+4.6
TIA	comp=N,876nm,8.0s	LR		
TIA	comp=N,844nm,9.0s	LR		
ERM	Ermo 12.73 43 eP	Pn	08 25 20.6	+2.1
ASAJ	Asahikawa 13.88 35 Pn	Pn	08 25 34.4	+0.1
ASAJ	comp=Z,0.4nm,0.3s,baz=220,slow=17,SNR=9.5	LR	08 30 21.9	
QZH	Quanzhou 13.97 237 eP	Pn	08 25 31.7	-3.8
QZH	comp=N,1um,10.0s	LR		
QZH	comp=E,1um,9.5s	LR		
QZH	comp=Z,1um,12.6s	LR		
BJT	Baijiatau 14.02 303 eP	Pn	08 25 38.1	+1.9
BJT	comp=Z,17nm,0.9s	pmax		
BJT	Baijiatau 14.02 303 ePn	Pn	08 25 38.1	+1.9
HABR	Khabarovsk 15.45 9 eP	Pn	08 26 02.0	+6.6
KLR	Kul'dur 15.97 1 eP	Pn	08 26 02.5	+0.3
KLR	comp=Z,40nm,1.2s	MLR		
KLR	comp=E,600nm,13.0s	MLR		
KLR	comp=Z,800nm,13.0s	MLR		
YSS	Yuzh-Sakhalins 16.16 29 eP	Pn	08 26 07.0	+2.4
YSS	comp=Z,400nm,12.0s	MLR		
YSS	comp=N,300nm,13.0s	MLR		
YSS	comp=E,500nm,13.0s	MLR		
HIA	Hailar 18.24 335 eP	Pn	08 26 30.9	+0.2
HIA	Hailar 18.24 335 ePn	Pn	08 26 32.2	+1.5
XAN	Xi'an 18.80 279 P	Pn	08 26 37.5	-0.1
XAN	comp=Z,7.0nm,0.6s	AMB		
XAN	comp=Z,84nm,14.6s	LR		
XAN	comp=N,492nm,10.8s	LR		
XAN	comp=E,207nm,13.6s	LR		
LZH	comp=Z,632nm,12.0s	AMB		
LZH	Lanzhou 22.88 285 eP	P	08 27 23.0	+1.8
LZH	comp=Z,7.8nm,0.8s,mb4.7	sP	08 27 33.5	+10
LZH	comp=Z,1.8nm,0.6s,mb4.3,baz=64,slow=8.2,SNR=4.9	LR	08 27 51.3	
LZH	comp=Z,97nm,18.4s,MS4.0,baz=153,slow=39	S	08 31 28.1	-3.4
LZH	comp=Z,4nm,0.9s,mb4.1,baz=3.9,slow=6.6,SNR=13	S	08 31 38.5	+4.1
LZH	comp=Z,0.5nm,0.3s,baz=149,slow=12,SNR=16	SS	08 32 11.2	
LZH	comp=Z,2.0nm,0.8s	AMB		
LZH	comp=Z,1.0nm,0.9s	AMB		
LZH	comp=Z,156nm,5.6s	LR		
LZH	comp=E,785nm,10.6s	LR		
LZH	comp=Z,1um,11.3s,MS4.5	LR		
ULN	Ulaanbaatar 23.48 316 eP	P	08 27 27.2	-0.3
ULN	comp=Z,49nm,1.3s,mb4.8	pmax		
ULN	Ulaanbaatar 23.48 316 eP	P	08 27 27.2	-0.3
ULN	comp=Z,49nm,1.3s,mb4.8	pmax		
CD2	Chengdu 23.58 272 P	P	08 27 28.8	+0.1
CD2	comp=Z,1um,12.6s,MS4.7	XP	08 27 43.7	+13
CD2	comp=Z,6.1nm,0.9s,mb4.0,baz=124,slow=7.4,SNR=8.6	PP	08 28 05.3	
CD2	comp=Z,2.1nm,20.6s,MS3.6,baz=91,slow=39	S	08 31 45.2	+2.2
CD2	comp=Z,300nm,13.0s,MS4.0	AMB		
CD2	comp=N,1um,14.4s	AMB		
CD2	comp=Z,1um,12.6s,MS4.7	LR		
SONM	Songrio Array 23.85 315 P	P	08 27 30.1	-0.9
SONM	comp=Z,6.1nm,0.9s,mb4.0,baz=124,slow=7.4,SNR=8.6	LR	08 37 46.7	
SONM	comp=Z,2.1nm,20.6s,MS3.6,baz=91,slow=39	P	08 27 30.1	-0.9
SONM	comp=Z,6.0nm,0.9s	pmax		
SONM	comp=Z,2.1nm,20.6s	MLR		
CLNS	Chul'man 24.02 351 eP	P	08 27 32.5	+0.1
CLNS	comp=Z,23nm,1.0s,mb4.6	pmax		
CLNS	comp=N,12nm,1.1s	pmax		
CLNS	comp=E,6.0nm,0.8s	pmax		
CLNS	comp=N,300nm,13.0s,MS4.2	MLR		
CLNS	comp=Z,300nm,13.0s,MS4.0	MLR		
CLNS	comp=E,400nm,10.0s,MS4.2	MLR		
GTA	Gaotai 26.15 293 eP	P	08 27 53.3	+1.3
GTA	comp=Z,29nm,5.3s	AMB		
GTA	comp=N,753nm,16.0s,MS4.4	LR		
GTA	comp=E,325nm,14.1s,MS4.4	LR		
GTA	comp=Z,5.0nm,0.8s,mb4.1	LR		
ZAK	Zakamensk 26.87 318 eP	P	08 27 58.2	-0.2
ZAK	comp=Z,0.4nm,0.3s,baz=234,slow=8.8,SNR=4.0	pmax		
PETK	Petrovskoye 27.31 36 P	P	08 28 02.3	0.0

PETK	LR	08 39 44.9
TLY	TLY	08 28 02.8 +0.3
TLY	comp=Z,4.0nm,1.3s,mb3.8	pmax
TLY	Talaya 27.33 321 eP	P
MOY	Monday 28.75 319 eP	P
MOY	comp=Z,1.1nm,1.5s,mb4.3	pmax
YAK	Yakutsk 28.82 358 eP	P
YAK	comp=Z,10.0nm,1.0s,mb4.5	pmax
MA2	Magadan 29.28 20 P	P
MA2	comp=Z,30nm,1.5s,mb4.8	pmax
WMQ	Urumqi 35.47 300 P	P
WMQ	Tiksi 38.49 359 eP	P
TIXI	comp=Z,7.0nm,1.6s,mb4.1	MLR
TIXI	comp=Z,243nm,14.0s,MS4.2	MLR
TIXI	Tiksi 38.49 359 eP	P
TIXI	comp=Z,6.3nm,1.2s,mb4.2	P
ZAAO	Zalesovo Array 38.73 317 eP	P
ZALV	Zalesovo Beam 38.73 317 P	P
ZALV	comp=Z,8.6nm,1.0s,mb4.4,baz=94,slow=4.8,SNR=15	LR
ZALV	comp=Z,1.48nm,18.8s,MS3.8,baz=276,slow=38	LR
ZALV	Zalesovo Beam 38.73 317 P	P
ZALV	ZAL 38.74 317 LR	LR
MK31	Makanchi Array 39.40 305 P	P
MK31	Makanchi Array 39.40 305 P	P
MKAR	Makanchi Array 39.40 305 P	P
MKAR	comp=Z,7.4nm,18.3s,MS3.6,baz=99,slow=37	LR
MKAR	Makanchi Array 39.40 305 P	P
MKAR	comp=Z,4.0nm,0.9s	pmax
MKAR	comp=Z,7.4nm,18.3s	MLR
NVS	Novosibirsk 39.83 318 eP	P
BILL	Bilbino 40.14 19 eP	P
BILL	comp=Z,15nm,1.8s,mb4.4	MLR
BILL	comp=Z,100nm,16.0s,MS3.8	MLR
KURK	Kurchatov 42.02 311 eP	P
KURK	Kurchatov 42.02 311 eP	P
TKM2	Tokmak 2 44.31 299 eP	P
TKM2	comp=Z,24nm,1.2s,mb4.8	pmax
TKM2	Tokmak 2 44.31 299 eP	P
FRU	Fruktov 45.04 299 eP	P
UCH	Uchter 45.04 299 eP	P
BVAR	Borovoye Array 47.19 314 P	P
BVAR	Borovoye Array 47.19 314 P	P
BVAR	Borovoye 47.25 314 eP	P
BVAR	comp=Z,8.0nm,0.8s	pmax
BRVK	Borovoye 47.25 314 eP	P
BRVK	comp=Z,8.0nm,0.8s,mb4.7	pmax
BRVK	Borovoye 47.25 314 eP	P
WRA	Warramunga Arr 52.96 177 P	P
WRA	Warramunga Arr 52.96 177 P	P
WRA	comp=Z,1.8nm,0.8s,mb4.0,baz=356,slow=8.4,SNR=12	pmax
WRA	Warramunga Arr 52.96 177 P	P
ARU	Arti 53.81 319 eP	P
ARU	comp=Z,2.0nm,0.8s	pmax
ARU	comp=Z,2.6nm,1.2s,mb5.0	pmax
SOKR	Solikamsk 54.38 323 eP	P
SOKR	comp=Z,10.0nm,0.9s,mb4.8	pmax
ASAR	Alice Springs 56.64 177 P	P
ASAR	Alice Springs 56.64 177 P	P
ASAR	comp=Z,4nm,0.9s,mb4.2,baz=8.9,slow=6.6,SNR=13	pmax
ASAR	Alice Springs 56.64 177 P	P
INX	Inuvik 61.36 25 P	P
INX	Inuvik 61.36 25 P	P
INX	comp=Z,1.3nm,0.9s,mb4.1,baz=3.13,slow=5.5,SNR=3.2	pmax
INX	Inuvik 61.36 25 P	P
INX	comp=Z,2.0nm,0.8s	pmax
TMCR	Tarsa 62.07 300 eP	P
ARCES	ARCES Array B 64.55 338 P	P
ARCES	comp=Z,1.8nm,0.6s,mb4.3,baz=64,slow=8.2,SNR=4.9	P
ARCES	ARCES Array B 64.55 338 P	P
ARCES	ARCES Array B 64.55 338 P	P
ARCES	comp=Z,2.0nm,0.6s	MLR
ARCES	ARCES 65.33 330 eP	P
ARCES	Joensuu 65.33 330 eP	P
ARCES	comp=Z,97nm,18.4s	pmax
ARCES	Joensuu 65.33 330 eP	P
ARCES	comp=Z,7.0nm,0.8s,mb4.7	pmax
ARCES	Stevens Creek 65.47 171 P	P
ARCES	Stevens Creek 65.47 171 P	P
ARCES	comp=Z,1.7nm,0.6s,mb4.3,baz=336,slow=17,SNR=3.9	LR
ARCES	comp=Z,82nm,19.6s,MS3.9,baz=9,slow=33	LR
ARCES	Obninsk 66.08 3211 eP	P
ARCES	Obninsk 66.08 3211 eP	P
ARCES	comp=Z,7.0nm,1.2s,mb4.6	pmax
ARCES	Obninsk 66.08 3211 eP	P
ARCES	comp=Z,200nm,18.0s,MS4.4	MLR
ARCES	Kislovodsk 67.03 308 eP	P
ARCES	Kislovodsk 67.03 308 eP	P
ARCES	comp=Z,8.0nm,0.8s,mb4.8	pmax
ARCES	Kangasniemi 67.76 331 eP	P
ARCES	Kangasniemi 67.76 331 eP	P
ARCES	comp=Z,4.7nm,0.8s,mb4.6	pmax
ARCES	Kangasniemi 67.76 331 eP	P
ARCES	FINESS Array B 68.19 330 P	P
ARCES	FINESS Array B 68.19 330 P	P
ARCES	comp=Z,4.4nm,0.8s,mb4.6,baz=76,slow=8.0,SNR=12	LR
ARCES	FINESS Array B 68.19 330 P	P
ARCES	FINESS Array B 68.19 330 P	P
ARCES	FINESS Array B 68.19 330 P	P
ARCES	comp=Z,7.1nm,19.8s	MLR
ARCES	Yakutsk 71.00 27 P	P
ARCES	Yellowknife Arr 71.00 27 P	P
ARCES	Yellowknife Arr 71.00 27 P	P
ARCES	comp=Z,1.0nm,0.8s,mb4.3,baz=303,slow=6.4,SNR=9.6	pmax
ARCES	Yellowknife Arr 71.00 27 P	P
ARCES	comp=Z,1.0nm,0.8s	pmax
ARCES	Malin Array Be 72.06 319 P	P
ARCES	Malin Array Be 72.06 319 P	P
ARCES	comp=Z,1.4nm,0.5s,mb4.1,baz=52,slow=5.6,SNR=8.8	pmax
ARCES	Malin Array Be 72.06 319 P	P
ARCES	Malin Array Be 72.06 319 P	P
ARCES	comp=Z,1.0nm,0.5s	pmax
ARCES	Malin Array Be 72.06 319 P	P
ARCES	NORSAR Sbarra 74.27 334 P	P
ARCES	NORSAR Sbarra 74.27 334 P	P
ARCES	comp=Z,3.9nm,0.7s,mb4.4,baz=7.1,slow=5.9	pmax
ARCES	NORSAR Array B 74.27 334 P	P
ARCES	NORSAR Array B 74.27 334 P	P
ARCES	comp=Z,4.7nm,0.9s,mb4.4,baz=49,slow=5.7,SNR=10	pmax
ARCES	NORSAR Array B 74.27 334 P	P
ARCES	NORSAR Array B 74.27 334 P	P
ARCES	comp=Z,5.0nm,0.9s	pmax
ARCES	NORSAR Array B 74.27 334 P	P
ARCES	Ojoc 77.33 322 eP	P
ARCES	Ojoc 77.33 322 eP	P
ARCES	Filin Fion 81.08 28 eP	P
ARCES	Filin Fion 81.08 28 eP	P
ARCES	comp=Z,3.0nm,1.1s,mb4.1	pmax
ARCES	Filin Fion 81.08 28 eP	P
ARCES	Filin Fion 81.08 28 eP	P
ARCES	comp=Z,3.1nm,1.1s,mb4.2	pmax
ARCES	Dillon 82.61 40 eP	P
ARCES	Dillon 82.61 40 eP	P
ARCES	comp=Z,7.8nm,1.1s,mb4.7	pmax
ARCES	Mina Array Bea 83.67 48 P	P
ARCES	Mina Array Bea 83.67 48 P	P
ARCES	comp=Z,0.3nm,0.5s,mb3.7,baz=276,slow=3.5,SNR=3.7	pmax
ARCES	Pinedale Array 85.97 40 P	P
ARCES	Pinedale Array 85.97 40 P	P
ARCES	comp=Z,0.6nm,1.0s,mb3.8,baz=284,slow=4.5,SNR=3.1	pmax

PDAR	Pinedale Array	85.97	
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BUJ 07 08:36:54.6, 2157N, 143B7E, h102km, mb4.8, mb4.8
IDC 07 08:36:55.0, 2.6, 2187N, 14309E, h46km, 24km, mb4.0/15,
mb1.4/217, mb1mx4.1/24, mb1mp4.1/17, ML3.9/2, MS3.7/19,
Ms1.3/7.19, ms1mx3.5/42, Error ellipse: s-maj=23.5km
s-min=13.6km az=88.0
NEIC 07 08:37:02.0, 2.2, 2186N, 14304E, h102km, 19km, mb4.7/31,
Error ellipse: s-maj=8.6km s-min=6.3km az=94.0
ISC 07 08:36:58.2, 1.3, 2190N, 005.14305E, 004, h64km, 11km,
h109km, 5.0km; p-P, n340, a0f68/331, mb4.7/62, 94C-76D,

Mariana Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Chichi jima, Guam, Hachijo jima, etc.

Main station list table with columns: STA, comp, Azimuth, Time, Residual, ISC. Lists stations like GTA, YAK, CHTO, CM31, etc.

Main station list table with columns: STA, comp, Azimuth, Time, Residual, ISC. Lists stations like B09A, D08A, C09A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N09A Rock Creek Ran, KCC Kaiser Creek, MFID Camas Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HWUT Hardware Ranch, S13A Holt Ranch, V12A Nelson, etc.

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

2007 JUN

7d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tokmak 2, Zerenda, Erkin-Say, Karatay Array, Talaya, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, TPNV, Topopah Spring, etc.

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

Table with columns: LIKS, Likavka, Time, Res. Includes stations like LIKS, LIKS, OJC, etc.

ISCJB 07 11:09:27.4±1.0, 70N.01×732W.0.1, h150km, 19km, Error ellipse: s-maj=31.6km s-min=9.9km az=137.2

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

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

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

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

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

DDA 07 11:12:59.0, 3893N-2639E, h7km, 1km, MD2.8

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

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

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

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

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

ISCJB 07 11:37:44.8±0.8, 1064N-9183E, h0km, mb4.1/1.1, mb1 4.3/1.1, mb1mx4.1/2.1, mb1mx4.1/1.1, MS3.6/6, Ms1 3.8/6, ms1mx3.4/3.5, Error ellipse: s-maj=27.1km s-min=16.7km az=61.0

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

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

ISCJB 07 11:37:47.2±0.5, 1050N-007:9153E:0.06, h33km, mb4.3/28, MS4.0/8, Error ellipse: s-maj=11.4km s-min=6.4km az=40.2

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

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

ISCJB 07 11:37:52.0±1.2, 1086N-9102E, h33km, mb4.7/7, Error ellipse: s-maj=21.0km s-min=9.8km az=99.9

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

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

ISCJB 07 11:37:49.2±0.6, 1050N-007:9150E:0.07, h35km, n60, s129/64, mb4.3/28, MS4.0/8, 5C-2D, Andaman Islands region

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

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

ISCJB 07 11:40:59.7±0.3, 4987N-002:1841E:0.02, h0km, Error ellipse: s-maj=3.3km s-min=1.8km az=12.6

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

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

ISCJB 07 11:41:00.7±0.2, 4979N-1856E, h0km, Error ellipse: s-maj=2.0km s-min=1.1km az=22.0

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF1, URZ, WRA, etc.

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

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

NIED 07 13:51:00, 4640N:15340E, h5km, Mw4.8 Best double couple: M1.54000x1016 NP1.96:0.00000, delta.00000, lambda.104.00000...

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK, Yuzh-Kuril'sk, etc.

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

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YSS, comp-Z,90nm,1.0s, etc.

7d 13h

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like CN2 Changchun, CLNS Chul'man, YAK Yakutsk, KRSR Korea Array, SNY Shenyang, BILL Bilibino, DL2 Dalian, BJI Beijing, TIXI Tiksi, NJ2 Nanjing, HHC Hu-ho-hao-te, and ZAK Zakamensk.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like XAN Xi'an, SML Sawmill, LZH Lanzhou, GTA Gaotai, EGAK Eagle, DAW Dawson, CD2 Chengdu, GYA Guiyang, INK Inuvik, ZALV Zalesovo, NVS Novosibirsk, QIZ Qiongzong, WMQ Urumqi, KMI Kunming, and MKAR Makanchi Array.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MKAR Makanchi Array, MKAR Kurchatov, LSA Lhasa, BRVK Borovoye, YKA Yellowknife Ar, AAK Ala-Archa, JIRN Jiri, ARU Arti, KKN Kakani, PKI Pulchoki, HNR Honiara, GKN Gorkha, DANN Dangsing, KOLN Koldanda, DAG Danmarks Havn, LVZ Lovozero, APA Apatity, ARCES ARCESS Array B, ARCES ARCESS Array A, WALA Water Lakes, DDI Dehra Dun, AKTK Aktubinsk, AKTO Aktubinsk, BMO Blue Mountains, FFC Flin Flon, JOF Joensuu, HLID Halley, BOZ Bozeman (W), BOZ Bozeman (W), NVAR NINA Array Bea, TPWA Teton Pass, KAF Kangasniemi, KAF Kangasniemi, REDW Red Top Meadow, FINES FINESS Array B, FINES FINESS Array A, FINES FINESS Array C, and BW06 Boulder Array.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BW06, PDAR, OBNS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZST Bratislava, ROTZ, KHC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MBDF, NWAO, RJJF, etc.

THE 07 14:17:57.8, 4012N-2035E, h2km, ML3.2
NEIC 07 14:17:57.7, 4006N-2039E, h17km, MD3.4(ATH), After
ATH.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like TPE, SRN, JAN, etc.

IDC 07 14:33:25.71.4, 5548N-16637E, h0km, mb3.7/3,
mb1 4/1.5, mb1mx3 6/24, mbtrmp 3.9/5, ML3.7/2, MS3.0/2,
Ms1 3/0.3, ms1mx2 7/29, Error ellipse: s-maj=68.9km
s-min=21.5km az=161.0

KRSC 07 14:33:25.91.1, 5528N-16639E, h34km, 34km, ML4.5
ISCJB 07 14:33:27.9, 0.5, 5528N-005-16626E.009, h30km, 5km,
mk3.6/3, Error ellipse: s-maj=9.9km s-min=8.0km
az=138.1

MOS 07 14:33:28.4, 1.3, 5530N-16623E, h32km, mb3.9/3, Error
ellipse: s-maj=21.6km s-min=12.3km az=149.6

ISC 07 14:33:28.8, 1.0, 5533N-16606E, 16627E.010, h21km, gkm,
n2s, r14/40, mb3.6/3, Komondory Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like BKI, SPN, MKZ, etc.

IDC 07 14:37:18.2, 0.8, 127N-12621E, h0km, mb4.2/9,
mb1 4/1.1, mb1mx4 2/16, mbtmp 4.2/10, ML4.0/1, MS3.2/5,
Ms1 3/2.5, ms1mx2 9/24, Error ellipse: s-maj=57.7km
s-min=12.7km az=72.0

7d 21h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Beijing, Matsuhiro Arr, Prapa, Lhaasa, Songjia Arr, etc.

ISC/JB 07 20:42:38.0, 0.4, 5145N, 002x1614E, 002, h0km, Error ellipse: s-maj=3.5km s-min=1.8km az=11.3

MOS 07 20:42:38.6, 0.8, 5164N, 1619E, h20km, mb3.7/1, Error ellipse: s-maj=8.8km s-min=5.0km az=89.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KSP, KSI, Upec, Dobruska-Polom, etc.

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Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Ostrava-Krasne, Ostrava-Krasne, Ostrava-Krasne, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DAVOX, DAVOX, DAVOX, etc.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like IPAR Pars, IMOK Mouk, and ZAL Zalesovo.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like ZAAO Zalesovo Beam, ZALV Zalesovo, and KOLS Kolonicke sedl.

Table with columns: Station Name, Frequency, Mode, and Time. Includes stations like RJF Les Rejoudoux, LFF La Frestelle, and WRA Warrungarra Arr.

NIED 07 21:15:00, 3140N-141 70E, h8km, Mw3.5 Best double
lambda: 02.07000-0.1014 NP1:30-41.00000: delta 0.00000
lambda: 2.00000, lambda: 2.8 00000.

JMA 07 21:15:09.3-0.4, 3136N-141 74E, h0km, M3.8
IDC 07 21:15:10.3-5.7, 3109N-141 77E, h33km, 39km, mb3.4/7,
mb1 3.5/10, mb1mx3.4/23, mbtmp3.5/10, ML5.2/3, MS2.6/1,

NEIC 07 21:15:02.3-1.2, 3110N-141 92E, h37km, 17km, mb3.8/1,
Error ellipse: s-maj=54.0km s-min=10.7km az=71.0
ISC 07 21:15:10.1-2.2, 3108N-006-141 8E, h234km-18km, n27,

Code Station Name Az Az' Phase ID Time Res
JHJ2 Mitsune 2.66 321 Op ISC h m s ISC
JHJ Hachiojima 2 2.64 320 Pn Pn 21 15 49.4 -1.2

JBO JBO Boso 3.56 328 eS Sn 21 16 43.0 -0.7
BSO1 Boso 1 3.63 349 eS Sn 21 16 45.7 +0.2
BSO3 Boso 3 3.87 344 P Sn 21 16 07.5 +0.4

JOD Odawara 2 4.75 332 P Pn 21 16 20.8 +1.5
JHY Hanno 5.20 337 P Pn 21 16 25.2 +0.3
JRY Ryogami san 5.49 335 P Sn 21 16 30.7 +1.3

JHO Hitachi 5.61 350 P Pn 21 16 29.4 -1.7
JAG Ashikaga 5.68 344 P Pn 21 16 31.4 -0.6
JAG 5.68 344 Pn Sn 21 17 33.1

MJAR Matsushiro Arr 6.21 332 Pn Sn 21 16 40.0 +0.6
1.2nm, 0.3s, baz=158, slow=11, SNR=19
MJAR 0.2nm, 0.3s, baz=38, slow=39, SNR=2.5

MAT Matsushiro 6.22 332 P Pn 21 16 40.0 +0.6
MAT Matsushiro 6.22 332 P Sn 21 17 44.7 -4.5
MAT Matsushiro 6.22 332 P Sn 21 16 40.2 +0.8

JMK Ichinoseki 7.87 357 P Pn 21 17 00.6 -1.4
KSRS Kora Array 13.12 303 LR LR 21 23 11.6
ULN Ulanbataar 31.30 312 P Pn 21 21 27.8 +0.9

SOMN Songo Array 31.71 312 P Pn 21 21 31.1 +0.7
0.4nm, 0.5s, mb3.5, baz=122, slow=7.4, SNR=3.5
ZALV Zalesovo Beam 46.32 317 P Pn 21 23 31.8 -0.6

MK31 Makanchi Array 47.76 307 P Pn 21 23 44.4 +0.7
MKAR Makanchi Array 47.76 307 P Pn 21 23 44.4 +0.7
LOR Lormes 44.99 309 P Pn 21 13 02.0 -1.2

LOR Lormes 44.99 309 P Pn 21 13 02.0 -1.2
LOR Lormes 44.99 309 P Pn 21 13 02.0 -1.2
LOR Lormes 44.99 309 P Pn 21 13 02.0 -1.2

SSF Saint Sauge 45.22 309 P Pn 21 13 03.8 -1.1
SSF Saint Sauge 45.22 309 P Pn 21 13 03.8 -1.1
SSF Saint Sauge 45.22 309 P Pn 21 13 03.8 -1.1

AVF Bois d'Agland 45.30 309 P Pn 21 13 04.9 -0.7
BGF Bois d'Agland 45.64 308 P Pn 21 13 07.7 -0.5
BGF Bois d'Agland 45.64 308 P Pn 21 13 07.7 -0.5

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, s, ISC. Includes stations like PET, PETK, RUS, MA2, ASAJ, etc.

TEH 08 00:19:46.7, 2765N-5500E, h18km, ML3.6
CSEM 08 00:20:15.2, 0.2, 2761N-5518E, h15km, ML3.6, Error ellipse: s-maj=6.0km s-min=3.9km az=139.0

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, s, ISC. Includes stations like IMON, HRDSS, IGLO, etc.

IDC 08 00:44:15.5, 2.3, 036S-13636E, h0km, mb3.8/3, mb1.0/4.1, mb1mx3.7/1.6, mbtmtpp3.8/4, ML3.8/1, Error ellipse: s-maj=105.1km s-min=24.7km az=76.0, Irian Jaya region

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

MOS 08 01:34:29.0, 1.2, 110N-12573E, h33km, mb4.8/18, Error ellipse: s-maj=22.6km s-min=9.5km az=11.4

NEIC 08 01:34:32.9, 1.8, 130N-12566E, h36km, mb4.8/24, Error ellipse: s-maj=11.3km s-min=5.5km az=62.0

NEIC Felt [I] at Manado, Indonesia.
ISCBJ 08 01:34:35.0, 0.8, 133N-12578E, h005, h72km, 8km, mb4.5/49, Error ellipse: s-maj=9.1km s-min=5.5km az=170.3

DJA 08 01:34:35, 121N-12582E, h33km, ML4.7/5
BUJ 08 01:34:36.9, 2.0, 11N-12555E, h36km, mb4.8, mb4.7, Ms4.0, Error ellipse: s-maj=8.7km az=82.0

IDC 08 01:34:39.2, 3.2, 126N-12580E, h99km, 20km, mb4.1/15, mb1.4/2.17, mb1mx4.1/2.0, mbtmtpp4.1/1.7, MS3.6/10, Ms1.3/6.10, ms1mx3.4/2.2, Error ellipse: s-maj=22.2km s-min=8.7km az=82.0

IDC 08 01:34:37.2, 0.7, 128N-003-12587E, h006, h81km, 7km, n97, o112/100, mb4.5/49, 3C-1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, s, ISC. Includes stations like TNE, GASH, KDI, etc.

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

8d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU, SOKR, NLWA, PGC, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HAWA Hanford, K05A, M05C, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J09A, S06C, PKD, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. It lists various radio stations and their details across multiple columns.

8d 5h

Table of station data for the 8d 5h period, including station names like KIS, KONO, L'vov, BER, AMTX, etc., with columns for comp, station name, frequency, mode, and time/res.

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Main table of station data for 2007 JUN, listing stations like LVC, LPAZ, CPUP, CSEM, DDA, etc., with detailed frequency and mode information.

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Table of station data for the 218 period, including stations like SHGR, IPHR, IKLH, IGAR, ASAO, etc., with columns for code, station name, frequency, mode, and time/res.

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

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

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

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

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

IDC 08 05:58:36.3±5.8, 1990S-17658W, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.7/16, mbtmp3.7/3, Error ellipse: s-maj=183.0km s-min=94.6km az=144.0, Fiji Islands regio

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

ISCJB 08 06:12:04.2±0.8, 3618N-003.14103E, h41km, 10km, mb3.6/2, Error ellipse: s-maj=10.2km s-min=5.7km az=179.6

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

CSEM 08 06:36:57.8±0.1, 3842N-3902E, h7km, 1km, MD3.3, Error ellipse: s-maj=3.4km s-min=2.2km az=126.0

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

IDC 08 07:15:36.7±1.1, 2108S-16981E, h0km, mb4.2/7, mb2.4/4.7, mb1mx4.2/14, mbtmp4.2/7, MS3.4/6, Ms1.3/4.6, Ms1mx0.2/27, Error ellipse: s-maj=31.2km s-min=25.7km az=130.0

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

Table with columns: STA, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Honiara, Urewera, Charters Tower, etc.

NEIC 08 07:35:04.3.0.7, 21745.17392W, h10km, mb4.8/2, Error ellipse: s-maj=37.6km s-min=12.4km az=171.0, ISC/JB 08 07:35:05.7.0.7, 2215.02.1738W.0.1, h33km, mb4.2/10, MS3.6/3, Error ellipse: s-maj=32.5km s-min=13.3km az=168.4, IDC 08 07:35:06.2.2.0, 21665.17442W, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/18, mbtmp4.0/8, MS3.6/4, Ms1 3.6/4, ms1mx3.2/21, Error ellipse: s-maj=69.5km s-min=23.0km az=144.0, ISC 08 07:35:08.0.0.7, 2205.02.1738W.0.1, h35km, n15, s19101/13, mb4.2/10, MS3.6/3, Tonga Islands region

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

NDI 08 07:56:43.5.3.8, 3085N.7106E, h15km, 356km, ML3.0, ISC/JB 08 07:56:48.0.3.9, 308N.0.1.715E.0.1, h27km, 45km, Error ellipse: s-maj=21.3km s-min=13.9km az=42.2, ISC 08 07:56:48.5.2.3, 308N.0.1.715E.0.1, h20km, 18km, n9, s0852/11, Pakistan

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

CSEM 08 08:00:19.4.0.1, 3722N.2820E, h3km, MD2.6, Error ellipse: s-maj=3.4km s-min=2.0km az=35.0, ISC/JB 08 08:00:20.0.0.6, 3717N.0.05.2818E.0.04, h9km, 8km, Error ellipse: s-maj=9.4km s-min=5.1km az=13.3, ISK 08 08:00:20.1, 3751N.2818E, h8km, MD2.6, DDA 08 08:00:21.9, 3732N.2805E, h7km, 5km, Md3.0, ISC 08 08:00:20.8.0.6, 3719N.0.06.2819E.0.04, h9km, 10km, n9, s093/15, Turkey

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

BUI 08 08:09:18.8, 4075N.9731E, h30km, ML3.6, Gansu

Table with columns: STA, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GTA, GTA, GTA.

IDC 08 08:25:29.6.2.9, 3375S.17907W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/16, mbtmp3.7/3, ML3.8/1, MS3.6/1, Ms1 3.6/1, ms1mx2.7/19, Error ellipse: s-maj=68.0km s-min=35.4km az=117.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like URZ, Urewera, Alice Springs, etc.

IDC 08 08:40:00.8.0.2, 1416S.005.6719E.0.04, h13km, mb4.7/130, MS4.1/35, Error ellipse: s-maj=7.0km s-min=5.6km az=177.2, IDC 08 08:44:00.2.0.4, 1401S.6727E, h0km, mb4.5/23, mb1 4.5/24, mb1mx4.5/28, mbtmp4.5/24, ML3.9/1, MS4.0/19, Ms1 3.9/19, ms1mx3.9/28, Error ellipse: s-maj=15.3km s-min=12.3km az=4.0, BUI 08 08:44:00.9, 1371S.662E, h8km, mb4.8, mb4.7, Ms4.8, Ms2.4, MOS 08 08:44:01.9.0.8, 1402S.6725E, h19km, mb5.0/52, Error ellipse: s-maj=10.7km s-min=5.5km az=119.7, GCMT 08 08:44:02.1.0.4, 1415S.6734E, h12km, MW4.9/67, Moment Tensor Solution: s18,c27; s67,c99; 0.73:0.3; 3.36:0.9; Mw=1.79; L: 27; Mw0=0.73:1.0; Md=0.66:3.4; Best double couple: Md2.93600:1016; N1P1=59.0000: -854.0000: 0.1-153.0000: N1P2: 0.3130000: 869.0000: 0.1-39.0000: Principal axes: T 3.6210, P1g9.0000: Azm1.09.0000: P -2.3520, Plg42.0000: Azm270.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s, NEIC 08 08:44:02.1.0.1, 1411S.6716E, h10km, mb4.9/79, Error ellipse: s-maj=5.1km s-min=4.0km az=17.0, SZGRF 08 08:44:03.8, 1433S.6703E, h33km, mb4.8, Mid-Indian Ridge, DJA 08 08:44:32, 1398S.6679E, h27km, mb4.6/12, ISC 08 08:44:02.8.0.2, 1415S.005.6715E.0.04, h14km, h1c-3D, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DGAR, Diego Garcia, DGAR, etc.

DJA 08 08:44:32, 1398S.6679E, h27km, mb4.6/12, ISC 08 08:44:02.8.0.2, 1415S.005.6715E.0.04, h14km, h1c-3D, Mid-Indian Ridge

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

TSUM Tsumbe 47.2 257 eP P 08 52 39.8 +1.0, KBL Kabil 48.5 2 eP P 08 52 45.6 +0.8, NWAO Narrogin (SRO) 49.09 121 LR LR 08 07 37.5, NWAO Narrogin (SRO) 49.09 121 eP P 08 52 50.6 +0.6, NWAO Narrogin (SRO) 49.09 121 eP P 08 52 50.6 +0.6, MBWA Marble Bar 50.41 106 P P 08 53 01.0 +0.8, KMI Kunming 52.23 42 P P 08 53 15.9 +3.3, KMI Kunming 52.23 42 AP pP 08 53 21.3 +3.2, KMI Kunming 52.23 42 XP sP 08 53 22.4 +2.6, KMI Kunming 52.23 42 SS P 08 55 14.1 +1.8, KMI Kunming 52.23 42 S S 09 00 43.2 +4.9, KMI Kunming 52.23 42 SS sS 09 00 47.9 +2.3, KMI Kunming 52.23 42 SSS SSS 09 06 02.2

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

Table with columns: STA, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KAPI, Kappang, KKK, Kota Kinabalu, MAW, Mawson, MAW, etc.

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

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 WMO, WMO, WMO, etc.

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR, Alice Springs, ASAR, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HHC, Hu-ho-hao-te, HHC, etc.

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

8d 9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Quistinic, ARCES, YSS, etc.

SGS 08:51:44.0, 2863N-3384E, h2km
CSEM 08:51:44.0, 2863N-3384E, h2km, ML2.7, After SNSN
ISCJB 08:51:45.7, 1.1, 2985N-004:3622E, 0.06, h10km, Error
ellipse: s-maj=7.0km s-min=5.4km az=11.3

Explosion
ISC 08:51:45.3, 1.2, 2986N-3619E, h0km, ML2.4/9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HRFI, Eilat, Zfri, etc.

NEIC 08:09:19:02.8, 3890N-2628E, h21km, MD3.2(ATH), After
ATH
ISCJB 08:09:19:03.0, 7.0, 3894N-003:2632E, 0.07, h7km, 7km,
Error ellipse: s-maj=9.4km s-min=5.0km az=158.1

Explosion
ISC 08:09:19:04.0, 3891N-2634E, h7km, ML3.2

Explosion
ISC 08:09:19:04.0, 3892N-003:2632E, 0.07, h12km, 5km, n10,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like PRK, CHOS, BLCB, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like LOS, APE, ALN, etc.

ISCJB 08:09:23:50.7, 0.8, 3924N-004:2357E, 0.05, h2km, 11km,
Error ellipse: s-maj=8.0km s-min=6.2km az=149.6
NEIC 08:09:23:51.6, 3929N-2357E, h10km, MD3.0(ATH), After
ATH

Explosion
CSEM 08:09:23:51.9, 0.2, 3924N-2355E, h2km, MD3.0, Error
ellipse: s-maj=5.1km s-min=3.9km az=154.0

Explosion
ATH 08:09:23:51.6, 3929N-2357E, h10km, 4km, MD3.0/4
THE 08:09:23:51.2, 3923N-2357E, h8km, ML2.5

Explosion
ISC 08:09:23:51.0, 0.7, 3923N-004:2358E, 0.05, h8km, 10km, n12,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like AOS, NEO, XOR, etc.

Explosion
SGS 08:09:24:07.0, 3000N-3634E, h7km

Explosion
CSEM 08:09:24:07.0, 3000N-3634E, h7km, ML2.6, After SNSN

Explosion
GII 08:09:24:07.0, 2.7, 2992N-3616E, h0km, ML2.7/7,

Explosion
ISCJB 08:09:24:08.0, 0.9, 2986N-003:3622E, 0.05, h10km, Error

Explosion
MZDA 08:09:24:06.4, 1.0, 2986N-003:3634E, 0.05, h0km, n16,

Explosion
ISC 08:09:24:06.4, 1.0, 2986N-003:3634E, 0.05, h0km, n16,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HRFI, Eilat, Zfri, etc.

Explosion
IDC 08:09:52:15.9, 0.7, 3493S-11155W, h0km, mb4.3/10,

Explosion
mb1 4.5/10, mb1mx4.3/19, mbtmp4.3/10, MS4.3/19,

Explosion
Ms1 4.2/19, ms1mx4.1/25, Error ellipse: s-maj=24.7km

Explosion
s-min=19.8km az=94.0

Explosion
ISCJB 08:09:52:16.0, 0.3, 3499S-006:1114W, 0.1, h10km, mb4.6/29,

Explosion
MS4.4/22, Error ellipse: s-maj=15.6km s-min=7.4km

Explosion
az=164.7

Explosion
NEIC 08:09:52:18.5, 0.2, 3497S-11136W, h10km, mb4.9/21, Error

Explosion
ellipse: s-maj=10.3km s-min=6.4km az=76.0

Explosion
GCMT 08:09:52:18.5, 0.2, 3521S-11137W, h12km, MW5.0/77,

Explosion
Moment Tensor Solution. s45,c56; s77,c122; Duration:

Explosion
0.0 moment tensor: Scale 10^19Nm; Mr-3.71e-10;

Explosion
Mw0.06e10; Mw0.364e09; Mw-1.58e33; Mw-1.58e08;

Explosion
Mw-1.90e26; Best double couple: Mw4.69000e10/16

Explosion
NP1=351.00000; 631.00000; A-70.00000; NP2;

Explosion
Q=148.00000; 361.00000; -102.00000; Principal axes:

Explosion
T=4.8820; P1g15.00000; Azm247.00000; N=0.3900

Explosion
P1g10.00000; Azm154.00000; P=4.4980; P1g71.00000;

Explosion
Azm32.00000; nst1a refers to body waves, cutoff=40s,

Explosion
nst2a refers to surface waves, cutoff=50s.

Explosion
BUI 08:09:52:18.5, 3500S-11140W, h10km, mb5.0, Ms5.0,

Explosion
Ms2.8

Explosion
ISC 08:09:52:18.3, 0.3, 3502S-006:1114W, 0.1, h10km, n279,

Explosion
0:548/242, mb4.6/29, MS4.4/22, 85C-90D, Southern East

Explosion
Pacific Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like RPN, PLCA, PLCA, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like 319A, 318A, 217A, etc.

Table with columns for station name (LAVA, SMO, SYO, etc.), time (73.91, 73.94, etc.), and other data.

Table with columns for station name (H12A, YMR, H10A, etc.), time (79.25, 79.31, etc.), and other data.

Table with columns for station name (CD2, LZH, WMQ, etc.), time (151.39, 162.84, etc.), and other data.

ISCJB 08 10:02:10.7:3.1, 182N:0.1x1469E:03, h64km, 29km, mb3.7/9, Error ellipse: s-maj=43.6km s-min=16.6km az=174.4

NEIC 08 10:02:12.6:2.5, 181.5N:146.88E, h67km, 22km, mb4.1/1, Error ellipse: s-maj=35.6km s-min=14.0km az=83.0

IDC 08 10:02:13.0:4.5, 181.6N:146.82E, h71km, 40km, mb3.5/8, mb1 3.0/1, mb1mx3.5/2.1, mbtmp3.5/10, ML3.9/2, MS3.0/1, Ms1 3.0/1, ms1mx2.4/1.9, Error ellipse: s-maj=43.9km s-min=17.9km az=80.0

ISC 08 10:02:11.1:2.9, 182N:01:1469E:03, h52km, 25km, n11, e1904/122, mb3.7/9, Mariana Islands

IDC 08 10:38:35.0:5.3, 444S:14943E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.5/1.4, mbtmp3.6/4, Error ellipse: s-maj=174.9km s-min=29.6km az=104.0, Bismarck Sea

ISC 08 10:51:07.1:1.0, 190N:02:6949W:006, h89km, 18km, Error ellipse: s-maj=33.9km s-min=7.7km az=10.9

ISC 08 10:51:08.0:0.9, 190N:02:6945W:006, h77km, 21km, n18, e1900/28, 13C-SD, Dominican Republic region

Table with columns for station name (DR12, STDO, STDO, etc.), time (0.18, 0.68, etc.), and other data.

NIED 08 11:21:00.3330N:131.50E, h5km, Mw3.7, Best double couple: M4:32000-1014, NP1:103.00000, 352.00000, 1-52.00000, NP2:231.00000, 852.00000, 1-128.00000

Table with columns for station name (OIT2, JUS, JUS, etc.), time (0.02, 0.34, etc.), and other data.

8d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

DDA 08 11:44:19.7, 3893N, 2639E, h7km, 2km, Md3.0
ISCJB 08 11:44:19.8, 0.6, 3892N, 2637E, 0.04, h4km, 6km, Error ellipse: s-maj=5.5km s-min=3.9km az=155.0

CSEM 08 11:44:20.5, 0.1, 3891N, 2644E, h15km, 1km, MD3.0, Error ellipse: s-maj=2.9km s-min=1.8km az=65.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like PRK Parakevi, AYVA Ayvalik, URLA Izmir, etc.

ISCJB 08 11:49:20.6, 1.0, 3894N, 2642E, 0.06, h4km, 10km, Error ellipse: s-maj=8.6km s-min=5.3km az=169.6

CSEM 08 11:49:20.7, 0.3, 3891N, 2649E, h6km, 3km, MD3.1, Error ellipse: s-maj=10.5km s-min=5.4km az=87.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like PRK Parakevi, URLA Izmir, CHOS Chios island, etc.

DDA 08 11:49:20.6, 3893N, 2644E, h7km, 1km, Md3.0
ATH 08 11:49:21.2, 3890N, 2630E, h18km, 3km, MD3.1/4

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

NIED 08 12:50:00, 2500N, 12260E, h160km, Mw3.8 Best double couple: M=4.95000x10^14 N1=1.23, 00000, 867.00000, lambda=82.00000, N2=284.00000, delta2.00000, lambda=107.00000

NEIC 08 12:50:16.8, 0.7, 2504N, 12261E, h146km, 7km, MG3.8(JMA), Error ellipse: s-maj=18.1km s-min=13.9km az=167.0

ISCJB 08 12:50:16.2, 0.5, 2499N, 008, 12261E, 0.05, h152km, 6km, mb3.4/4, Error ellipse: s-maj=13.4km s-min=6.3km az=164.9

TAP 08 12:50:17.6, 2492N, 12266E, h140km, 1km, ML4.5
JMA 08 12:50:18.7, 0.1, 2501N, 12262E, h132km, 2km, M3.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, TATO Taipei, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like YHNB Yeheng, IRIF Irirote-Funau, NACB Nanganchiao, etc.

NEIC 08 13:03:56.5, 3616S, 17821E, h208km, MG3.7(WEL), After WEL
WEL 08 13:03:56.4, 0.8, 3618S, 17820E, h212km, 6km, ML3.9/7, Error ellipse: s-maj=18.0km s-min=12.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, MWZ Matawai, etc.

DDA 08 13:15:12.8, 3893N, 2641E, h7km, 4km, Md3.0
ISCJB 08 13:15:13.2, 0.6, 3893N, 2639E, 0.06, h10km, Error ellipse: s-maj=6.6km s-min=3.4km az=161.9

CSEM 08 13:15:13.0, 0.3, 3893N, 2642E, h14km, 6km, MD3.0, Error ellipse: s-maj=14.3km s-min=5.7km az=72.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like PRK Parakevi, AYVA Ayvalik, URLA Izmir, etc.

IDC 08 13:16:19.8, 0.4, 773S, 12930E, h0km, mb4.9/16, mb1.4, 9/19, mb1mx1.4, 9/20, mbtmp4.9/19, ML5.0/3, Error ellipse: s-maj=20.3km s-min=11.5km az=78.0

BUI 08 13:16:23.1, 805S, 12935E, h47km, mb4.8, mb4.9, Ms4.9, Ms2.4

ISCJB 08 13:16:23.5, 0.9, 786S, 003, 12948E, 0.04, h46km, 9km, ms/0.63, MS4.8/10, Error ellipse: s-maj=6.5km s-min=5.5km az=160.4

NEIC 08 13:16:24.4, 1.7, 773S, 12926E, h28km, 11km, mb5.1/31, Error ellipse: s-maj=7.5km s-min=4.4km az=59.0

MOS 08 13:16:24.7, 1.0, 749S, 12930E, h33km, mb5.2/22, Error ellipse: s-maj=17.1km s-min=7.7km az=120.4

DJA 08 13:16:31.8, 800S, 12953E, h94km, ML5.4/5
ISC 08 13:16:25.3, 0.7, 784S, 003, 12945E, 0.04, h42km, 7km, n258, r1924/153, mb5.0/63, MS4.8/10, 22C-15D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like TLE Tual, AAI Ambon, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

KLBR Kellerberri 26.02 203 eP P 13 21 55.7 +1.2
SKLB Stephens Creek 26.45 156 eS P 13 22 00.1 +1.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, MUN Mundaring, etc.

DDA 08 13:15:12.8, 3893N, 2641E, h7km, 4km, Md3.0
ISCJB 08 13:15:13.2, 0.6, 3893N, 2639E, 0.06, h10km, Error ellipse: s-maj=6.6km s-min=3.4km az=161.9

CSEM 08 13:15:13.0, 0.3, 3893N, 2642E, h14km, 6km, MD3.0, Error ellipse: s-maj=14.3km s-min=5.7km az=72.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like GYA Guiyang, N2J Nanjing, etc.

IDC 08 13:16:19.8, 0.4, 773S, 12930E, h0km, mb4.9/16, mb1.4, 9/19, mb1mx1.4, 9/20, mbtmp4.9/19, ML5.0/3, Error ellipse: s-maj=20.3km s-min=11.5km az=78.0

BUI 08 13:16:23.1, 805S, 12935E, h47km, mb4.8, mb4.9, Ms4.9, Ms2.4

ISCJB 08 13:16:23.5, 0.9, 786S, 003, 12948E, 0.04, h46km, 9km, ms/0.63, MS4.8/10, Error ellipse: s-maj=6.5km s-min=5.5km az=160.4

NEIC 08 13:16:24.4, 1.7, 773S, 12926E, h28km, 11km, mb5.1/31, Error ellipse: s-maj=7.5km s-min=4.4km az=59.0

MOS 08 13:16:24.7, 1.0, 749S, 12930E, h33km, mb5.2/22, Error ellipse: s-maj=17.1km s-min=7.7km az=120.4

DJA 08 13:16:31.8, 800S, 12953E, h94km, ML5.4/5
ISC 08 13:16:25.3, 0.7, 784S, 003, 12945E, 0.04, h42km, 7km, n258, r1924/153, mb5.0/63, MS4.8/10, 22C-15D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MJAR Matsuhiro Arr, HABR Khabarovsk, JHJ Hachijo jima 2, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CD2 Zalesovo Array, QIZ Qiongzhang, KMI Indian Mountai, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like JOF Joensuu, NEW Newport, KAF Kangasniemi, etc.

SZGRF 08 13:30:38.9, 1885N:6973W, h33km, mb5.1, Dominican Republic region
SSNC 08 13:30:43.1, 1884N:7016W, h50km, MD4.5, ML4.9
BGS 08 13:30:44.9, 1.6, 1926N:7116W, h112km, mb4.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like DR08 Loma La Naviza, STDO Santo Domingo, etc.

STVI	Saint Thomas	5.12	95f	eP	Pn	13 31 59.3	-1.4
STVI				eS	Sn	13 32 55.0	-3.6
RCC	Rio Carpintero	5.20	284	eP	Sn	13 31 59.5	-2.2
				eS	Sn	13 32 56.0	-4.4
RCC	comp=N,138nm,0.4s						
LMGC	Las Mercedes	6.42	282	eP	Pn	13 32 17.4	-0.9
LMGC	comp=N,177nm,1.3s				Sn	13 33 20.6	-1.0
LMGC	comp=E,423nm,1.0s						
SABA	Saba	6.84	99f	eP	Pn	13 32 24.4	+0.4
SMRT	St. Maarten	6.93	95f	eP	Pn	13 32 22.9	-2.4
SKI	Saint Kitts	7.37	101	eS	Pn	13 32 30.5	-0.7
SKA				eS	Sn	13 33 49.9	-3.5
BPA	Boggy Peak	8.26	101	eS	Sn	13 34 10.1	-4.8
LZG	Guadaloupe-1	8.59	107	eP	Sn	13 32 47.1	-0.7
SDV	Santo Domingo	9.90	182	P	Sn	13 33 07.5	+1.8
SDV	comp=E,6.2nm,0.3s,baz=22,slow=6.2,SNR=92				Sn	13 34 48.8	-6.1
SDV	comp=E,4.7nm,0.3s,baz=34,slow=22,SNR=6.4				Pn	13 33 06.5	+0.8
SDV	Santo Domingo	9.90	182	ePn	Pn	13 34 47.5	-7.4
SDV				eSn	Pn	13 33 10.0	0.0
PCRV	Puerto La Cruz	10.22	147	P	Sn	13 33 10.0	0.0
PCRV	comp=E,11nm,0.3s,baz=305,slow=1.2,SNR=37				Sn	13 34 56.4	-6.3
GRGR	Greenville	10.69	127	ePn	Pn	13 33 14.5	-1.9
GRGR	comp=E,64nm,0.7s						
ICBP	Islas Barro Colorado	13.32	225	ePn	Pn	13 32 51.2	-0.1
ROSC	El Rosal	14.44	196	P	Pn	13 34 06.8	+1.1
ROSC	comp=E,2.1nm,0.3s,baz=95,slow=11,SNR=25						
ROSC	El Rosal	14.44	196	ePn	Pn	13 34 08.3	+2.7
NHSC	New Hope	16.73	309	Pn	Pn	13 34 30.9	-3.2
NHSC	comp=E,212nm,0.9s						
COW	Cow Castle Cre	17.20	329	ePn	Pn	13 34 39.3	-0.5
CNNC	Cliffs of the	17.66	339	ePn	Pn	13 34 45.8	+0.5
JSC	Jenkinsville	18.20	330	eP	Pn	13 34 51.2	+0.4
BLA	Blacksburg	20.33	336	eP	Pn	13 35 14.3	+0.4
BLA	comp=Z,108nm,0.7s						
BLA	Blacksburg	20.33	336	eP	P	13 35 14.3	+0.4
BLA	comp=Z,108nm,0.7s						
BLA	Prospectdale	20.47	336	eP	P	13 35 23.6	
ELN				eP	P	13 35 12.0	-3.4
ELN				eP	P	13 35 26.1	
TKL	Tuckaleechee C	20.54	327	P	P	13 35 16.6	+0.4
TKL	comp=Z,9.2nm,0.8s,baz=152,slow=10,SNR=4.0						
CPCT	Cooper Cave	20.54	327	eP	P	13 35 18.8	+0.1
CPCT				eP	P	13 35 27.8	
TZTN	Tazewell	21.13	329	eP	P	13 35 20.4	-2.1
SDMD	Soldier's Deli	21.26	346	eP	P	13 35 22.8	-1.0
SDMD	comp=Z,32nm,0.7s,mb4.8						
SDMD				eP	P	13 35 33.0	
MVL	Millersville	21.72	347	eP	P	13 35 30.4	+1.7
BRNJ	Basking Ridge	22.07	351	P	P	13 35 31.2	-1.2
PAL	Palisades	22.30	353	P	P	13 35 35.2	+0.4
PAL				eP	P	13 35 45.6	
PLAL	Pickwick Lake	22.50	319	eP	P	13 35 37.9	+0.9
PLAL				eP	P	13 35 52.4	
SSPA	Standing Stone	22.67	345	eP	P	13 35 38.6	-0.1
SSPA				eP	P	13 35 53.7	+0.3
WES	Westing	23.48	358	eP	P	13 35 46.5	+0.3
WES				eP	P	13 36 05.7	
ACSO	Alum Creek Sta	23.94	336	eP	P	13 35 48.4	-2.0
ACSO				eP	P	13 36 08.4	
SIUC	Southern Illin	25.02	323	eP	P	13 36 26.9	+3.4
NCB	Newcomb	25.27	353	eP	P	13 36 02.7	+0.2
NCB	comp=Z,69nm,1.8s,mb4.8						
LBNH	Lisbon	25.36	357	eP	P	13 36 03.0	-0.3
LBNH	comp=Z,25nm,0.9s,mb4.6						
LBNH	Lisbon	25.36	357	eP	P	13 36 03.0	-0.2
LBNH	comp=Z,25nm,0.9s,mb4.6						
WVL	Waterville	25.65	1	eP	P	13 36 07.1	+1.2
EMMW	East Machias	25.90	5	eP	P	13 36 08.7	+0.5
LONY	Lake Ozonia	25.95	353	eP	P	13 36 08.1	-0.5
LONY				eP	P	13 36 35.7	+3.7
FRNY	Flat Rock	26.06	355	eP	P	13 36 10.5	+0.9
PKME	Peaks-Kenny Pk	26.36	2	eP	P	13 36 13.3	+0.1
ATAH	Atahualpa	26.88	198	P	P	13 36 16.0	-1.2
SDCO	Great Sand Point	27.37	309	eP	P	13 37 36.9	+0.2
SCHO	Schefferville	36.02	3	P	P	13 37 37.0	0.0
SCHO	Schefferville	36.02	3	eP	P	13 37 36.9	-0.1
SCHO	comp=Z,18nm,0.8s,mb5.1,baz=183,slow=7.3,SNR=22						
ISCO	Idaho Springs	36.85	312	eP	P	13 37 44.3	+0.1
ISCO	comp=Z,29nm,1.1s,mb5.1						
ISCO	Idaho Springs	36.85	312	eP	P	13 37 44.3	+0.1
ISCO	comp=Z,43nm,1.5s,mb5.2						
ULM	Lac du Bonnet	37.37	333	P	P	13 37 47.4	-1.0
ULM	comp=Z,11nm,0.9s,mb4.8,baz=144,slow=7.3,SNR=9.8						
ULM	Lac du Bonnet	37.37	333	eP	P	13 37 46.0	-2.4
PHWY	Pilot Hill	37.38	314	eP	P	13 37 49.3	+0.7
SMCO	Snowmass	37.57	310	eP	P	13 37 51.3	+1.0
DMGT	Dagmar	40.28	325	eP	P	13 38 13.9	+1.2
DMGT	comp=Z,30nm,0.8s,mb5.2						
BDFB	Brasilia	40.70	146	P	P	13 38 15.5	-1.0
BDFB	comp=Z,33nm,0.8s,mb4.2,baz=283,slow=23,SNR=8.5						
PINALE	Pinadale Array	40.76	314	P	P	13 38 16.7	-0.1
DAU	Daniels Canyon	41.09	310	P	P	13 38 21.2	+1.6
LVC	Limon Verde	41.22	178	P	P	13 38 19.0	-1.7
LVC	comp=Z,5.0nm,0.7s,mb4.3,baz=31,slow=5.6,SNR=3.5						
LVC	Limon Verde	41.22	178	P	P	13 38 19.0	-1.7
RLMT	Red Lodge	41.56	318	eP	P	13 38 23.8	+0.5
RLMT				eP	P	13 38 47.9	0.0
HWUT	Hardware Ranch	41.72	312	eP	P	13 38 25.0	+0.3
LOHW	Long Hollow	41.80	315	eP	P	13 38 25.6	+0.3
REDW	Red Top Meadow	41.87	315	eP	P	13 38 24.8	-1.1
MOOW	Moose Ponds	41.95	315	eP	P	13 38 27.5	+1.0
SPUT	South Promonto	42.24	311	eP	P	13 38 29.6	+0.6
SPUT				eP	P	13 38 35.1	
MLTA	Larsen Ranch,	42.29	311	P	P	13 38 28.9	-0.4
MLTA	baz=42						
QLM5	Earthquake Lak	42.83	317	eP	P	13 38 35.5	+1.9
QLM5	Johns Ranch, D	43.16	313	P	P	13 38 36.7	+0.4
FFC	Flies Fun,	43.18	334	eP	P	13 38 34.5	-1.8
EGMT	Eagleton	43.20	321	P	P	13 38 37.0	+0.5
EGMT	baz=43,SNR=11						
EGMT	Eagleton	43.20	321	eP	P	13 38 37.6	+1.1
BOZ	Bozeman (W)	43.29	318	eP	P	13 38 38.1	+0.8
BOZ	comp=Z,22nm,1.2s,mb4.8						
BOZ	Bozeman (W)	43.29	318	P	P	13 38 37.8	+0.4
BOZ	baz=43						
BOZ	Bozeman (W)	43.29	318	eP	P	13 38 38.1	+0.8
FCC	Fort Churchill	43.47	342	eP	P	13 38 37.8	-0.8
FCC	comp=Z,22nm,1.2s,mb4.8						
G15A	Dillon	43.65	317	P	P	13 38 40.5	+0.3
G15A	baz=43						
DLMT	Dillon	43.80	317	eP	P	13 38 42.6	+1.2
DLMT	comp=Z,64nm,1.0s,mb5.3						
F15A	Butte	43.92	317	P	P	13 38 42.7	+0.3
F15A	baz=44						
J13A	Cove Ranch, Pi	44.14	314	P	P	13 38 44.9	+0.8
J13A	baz=44						
I13A	Wildhorse Cree	44.28	314	P	P	13 38 46.1	+0.9
I13A	baz=44						
HLID	Halley	44.36	314	P	P	13 38 46.6	+0.7
HLID	baz=44						
D15A	Lincoln	44.43	319	P	P	13 38 46.9	+0.5
F14A	Wisdom	44.48	317	P	P	13 38 47.0	+0.2
F14A	baz=44						
H13A	Challis	44.60	315	P	P	13 38 48.1	+0.3
H13A	baz=44						
E14A	Clinton	44.79	318	P	P	13 38 49.6	+0.3
E14A	baz=45,SNR=7.5						
CHMT	Chamberlain Mo	44.84	319	eP	P	13 38 49.8	+0.2
L11A	Cat Creek Ranc	44.86	311	P	P	13 38 50.3	+0.4
L11A	baz=45						
D14A	Greenough	45.06	319	P	P	13 38 50.9	-0.5

K11A	Parker Ranch,	45.23	312	P	P	13 38 52.8	-0.1
K11A	baz=45,SNR=7.8						
E13A	Victor	45.24	318	P	P	13 38 54.0	+1.1
E13A	baz=45						
MFID	Camas Ranch	45.29	313	P	P	13 38 53.6	+0.3
MFID	baz=45						
D13A	Huson	45.67	318	P	P	13 38 56.6	+0.4
D13A	baz=46,SNR=14						
H11A	Donnelly	45.82	315	P	P	13 38 57.7	+0.2
H11A	baz=46						
K10A	MacKenzie Ranc	45.83	312	P	P	13 38 57.9	+0.4
K10A	baz=46						
BSMT	Bassoo Peak	46.17	319	eP	P	13 39 01.1	+1.0
B13A	Whitefish	46.18	320	P	P	13 39 00.3	+0.1
B13A	baz=46						
G11A	Walters Elk Ra	46.23	315	P	P	13 39 00.6	0.0
G11A	baz=46,SNR=14						
H10A	Noah's Angus R	46.28	314	P	P	13 39 01.0	0.0
H10A	baz=46						
F11A	Grangeville	46.32	316	P	P	13 39 00.4	-0.9
F11A	baz=46,SNR=5.0						
E11A	Bogner Ranch,	46.51	317	P	P	13 39 02.7	-0.1
E11A	baz=46,SNR=9.4						
BMO	Blue Mountains	46.74	314	eP	P	13 39 04.3	-0.4
BMO	Blue Mountains	46.74	314	eP	P	13 39 05.1	+0.4
G10A	Bishop Farm, J	46.76	315	P	P	13 39 04.5	-0.3
G10A	baz=46						
D11A	Klaveano Farm,	46.84	318	P	P	13 39 05.2	-0.1
D11A	baz=47						
F10A	Beach Ranch, E	47.05	316	P	P	13 39 06.6	-0.4
F10A	baz=47						
J08A	Circle Bar Ran	47.12	312	P	P	13 39 07.5	-0.1
J08A	baz=47						
D10A	Wagner Farm, O	47.44	317	P	P	13 39 09.9	-0.1
D10A	baz=47						
A11A	Hall Mountain,	47.56	320	P	P	13 39 11.0	+0.1
A11A	baz=47						
EDM	Edmonton	47.71	326	eP	P	13 39 12.0	0.0
NEW	Newport	47.77	319	P	P	13 39 12.4	-0.1
NEW	comp=Z,6.3nm,0.8s,mb4.5,baz=138,slow=12,SNR=7.5						
NEW	Newport	47.77	319	eP	P	13 39 11.7	-0.9
NEW	comp=Z,5.0nm,0.9s						
NEW	Newport	47.77	319	eP	P	13 39 11.7	-0.9
NEW	comp=Z,4.7nm,0.9s,mb4.7						
E09A	Wood Farm, Sta	47.83	316	P	P	13 39 13.0	0.0
E09A	baz=48						

Duration: 2±0. Moment tensor: Scale 10¹⁷Nm; M₁=5.91±0.06; M₂=5.13±0.05; M₃=0.77±0.06; M₄=0.08±0.05; M₅=2.85±0.04; M₆=1.46±0.08; Best double couple: M₆.725000×10¹⁷ Np₁±292.00000°, 834.00000°, 784.00000°. NP₂±120.00000°, 856.00000°, 9.94.00000°. Principal axes: T: 6.42200, Plg78.0000°, Azm45.0000°; N: 0.6070, Plg4.0000°, Azm290.0000°; P: 7.02800, Plg11.0000°, Azm207.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

B/E 08 13:32:00.7, 1380N:9080W, h47km, mB5.6, Ms5.8, Msz5.6 CASO 08 13:32:01.1±0.2, 1363N:9088W, h4km, 10km, MD5.2, ML5.5, mb5.5(NEIC)

ISC 08 13:32:03.0±0.2, 1381N:003:9066W-002, h64km, h64km±2.1km, pP-P, n1166, c093/986, mb5.3/207, 192C-186D, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists various seismic stations and their coordinates and phases.

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LAO	LASA Array	35.29 341	PFAKE	LR	LR	13 39 00.0 +9.1
LAO	comp-Z,2.1um,21.0s					
P08A	Dixie Valley	35.30 322	UP	P	P	13 38 51.6 +0.6
T05C	Eagle Field, D	35.30 316	UP	P	P	13 38 50.5 -0.7
S06C	San Francisco	35.31 318	P	P	P	13 38 51.5 +0.4
S05C	Merced	35.32 317	UP	P	P	13 38 50.9 -0.5
ARE	Arequipa	35.54 147	eP	P	P	13 38 56.0 +2.6
K12A	Draper Farm, C	35.54 329	eP	P	P	13 38 53.0 -0.2
QLMT	Earthquake Lak	35.62 334	eP	P	P	13 38 55.0 +1.2
M10A	L.R. Ranch, Tu	35.62 326	P	P	P	13 38 54.5 +0.7
HAST	Hastings Reser	35.63 315	UP	P	P	13 38 53.8 -0.2
L11A	Cat Creek Ranch	35.65 327	P	P	P	13 38 54.2 +0.1
P07A	Fallon	35.69 321	UP	P	P	13 38 55.1 +0.6
GCMT	Greycliff	35.70 337	eP	P	P	13 38 52.8 -1.6
N09A	Rock Creek Ran	35.72 324	P	P	P	13 38 55.5 +0.8
O08A	Rochester Mine	35.72 333	UP	P	P	13 38 55.1 +0.4
J13A	Cove Ranch, Pi	35.74 330	UP	P	P	13 38 54.5 -0.4
SAO	San Andreas Ge	35.76 315	eP	P	P	13 38 54.0 -1.1
SAO	comp-Z,2.7nm,0.9s,mb5.2					
SAO	comp-Z,2.7nm,0.9s,mb5.2					
PACP	Pacheco Peak	35.78 316	UP	P	P	13 38 54.7 -0.6
R05C	Kirkwood Mesado	35.92 319	P	P	P	13 38 57.3 +0.8
L10A	Juniper Basin	35.96 326	P	P	P	13 38 57.0 +0.3
HLID	Halley	35.98 330	UP	P	P	13 38 56.7 -0.2
HLID	Halley	35.98 330	eP	P	P	13 38 57.4 +0.5
HLID	comp-Z,1.03nm,1.2s,mb5.6					
HLID	comp-Z,4.1um,20.0s					
N08A	GE Springer Mi	36.02 323	UP	P	P	13 38 57.4 +0.1
M09A	Marrel Ranch,	36.05 325	P	P	P	13 38 58.2 +0.7
O07A	Toulon	36.06 322	P	P	P	13 38 58.1 +0.4
S04C	Ingram Canyon,	36.07 316	UP	P	P	13 38 57.5 -0.2
WCN	Washoe City	36.08 320	P	P	P	13 38 58.8 +1.0
J12A	Stokes Ranch,	36.09 329	UP	P	P	13 38 57.5 -0.3
PAHR	Pat Rih Ranch	36.09 321	eP	P	P	13 38 58.4 +0.5
I13A	Wildhorse Cree	36.10 331	UP	P	P	13 38 58.2 +0.3
PKME	Peaks-Kenny Pk	36.22 26	eP	P	P	13 38 59.7 +0.9
PKME	comp-Z,1.08nm,1.3s,mb5.6					
K11A	Parker Ranch,	36.22 328	UP	P	P	13 38 58.6 -0.3
MCMT	McKenzie Canyo	36.23 333	eP	P	P	13 38 59.6 +0.7
R04C	Big Horse Ranc	36.23 318	UP	P	P	13 38 60.0 +0.9
G15A	Dillon	36.33 334	UP	P	P	13 38 60.0 +0.1
DGMT	Dagmar	36.34 345	eP	P	P	13 39 00.5 +0.6
DGMT	comp-Z,1.4nm,0.6s,mb5.1					
BOZ	Bozeman (W)	36.36 335	eP	P	P	13 38 59.5 -0.6
BOZ	comp-Z,2.3nm,1.2s,mb5.0					
BOZ	comp-Z,2.2um,19.0s					
BOZ	Bozeman (W)	36.36 335	UP	P	P	13 38 59.2 -0.9
BOZ	Bozeman (W)	36.36 335	eP	P	P	13 38 59.5 -0.6
BOZ	comp-Z,2.3nm,1.2s,mb5.0					
LAVA	Lava Cap Winer	36.38 319	P	P	P	13 39 00.8 +0.4
P06A	Stead Airport,	36.39 321	UP	P	P	13 39 01.2 +0.8
WENL	Wente Brothers	36.42 316	UP	P	P	13 39 01.5 +0.7
BNLO	Den Lomond (S)	36.45 315	UP	P	P	13 39 00.9 0.0
N07B	Gerlach	36.51 323	UP	P	P	13 39 01.1 -0.3
DLMT	Dillon	36.54 334	eP	P	P	13 39 01.5 -0.1
L09A	Wilkinson Ranc	36.57 325	UP	P	P	13 39 02.0 0.0
MFID	Camas Ranch	36.57 329	UP	P	P	13 39 01.8 -0.1
ULM	Lac du Bonnet	36.59 354	P	P	P	13 39 00.2 -1.8
ULM	comp-Z,4.4nm,0.8s,mb5.3,baz=177,slow=8.4,SNR=23					
ULM	comp-Z,2.3nm,0.8s,baz=200,slow=2.7,SNR=4.7					
ULM	comp-Z,6.1um,19.4s,baz=177,slow=4.2					
ULM	comp-Z,7.9nm,1.1s,mb5.5					
M08A	Happy Creek Ra	36.59 324	UP	P	P	13 39 02.4 +0.2
P05C	Yuba Gap, Truc	36.61 319	P	P	P	13 39 03.1 +0.7
JRSC	Jasper Ridge	36.63 316	UP	P	P	13 39 02.5 0.0
O06A	Flanigan	36.64 321	UP	P	P	13 39 03.3 +0.8
H13A	Challis	36.66 331	UP	P	P	13 39 02.9 -0.3
K10A	MacKenzie Ranc	36.66 327	UP	P	P	13 39 02.6 -0.1
BDM	Black Diamond	36.67 317	UP	P	P	13 39 03.8 +0.9
BEKR	Beckworth	36.79 320	P	P	P	13 39 04.6 +0.8
Q04C	Lincoln	36.84 318	UP	P	P	13 39 05.3 +1.0
F15A	Butte	36.87 334	UP	P	P	13 39 05.4 -0.1
H12A	Diamond D Ranc	36.93 331	UP	P	P	13 39 05.0 +0.1
I11A	Placerville	37.00 329	P	P	P	13 39 06.0 +0.4
N06A	Buffalo Meadow	37.00 322	UP	P	P	13 39 05.9 +0.2
G13A	Cobalt	37.05 332	UP	P	P	13 39 05.7 -0.3
J10A	Berg Farm, Mel	37.06 328	UP	P	P	13 39 05.9 -0.2
L08A	Fields	37.06 325	UP	P	P	13 39 06.2 0.0
K09A	Rome	37.06 326	UP	P	P	13 39 06.6 +0.4
Q03C	Winters	37.14 318	UP	P	P	13 39 07.6 +0.7
OHCM	Honcut	37.19 319	eP	P	P	13 39 07.1 -0.1
OHCM	OHCM	13 41 27.2 +1.1				
OHCM	OHCM	13 41 39.4				
O05C	Quincy	37.19 320	UP	P	P	13 39 08.0 +0.7
F14A	Wisdom	37.23 333	UP	P	P	13 39 07.1 -0.3
CVS	Carment Viney	37.28 317	UP	P	P	13 39 08.0 0.0
LPZA	La Paz	37.28 143	P	P	P	13 39 09.9 +1.7
LPZA	comp-Z,1.7nm,0.8s,mb5.0,baz=330,slow=7.0,SNR=14					

LPZA	comp-Z,4.1nm,0.5s,baz=343,slow=16,SNR=6.7					13 54 28.2
LPZA	comp-Z,4.1um,21.6s,baz=83,slow=36					
LPZA	La Paz	37.28 143	P	P	P	13 39 09.9 +1.7
LPZA	comp-Z,1.7nm,0.8s					13 41 30.9
LPZA	comp-Z,4.0nm,0.5s					
LPZA	comp-Z,4.1um,21.6s					
FARB	Farallon Islan	37.30 316	UP	P	P	13 39 07.8 -0.4
SUTB	Sutter Butte	37.32 319	UP	P	P	13 39 08.6 +0.2
ORV	Oroville	37.32 319	UP	P	P	13 39 08.7 +0.4
WVOR	Wild Horse Val	37.39 325	eP	P	P	13 39 07.5 -1.4
WVOR	comp-Z,1.73nm,0.9s,mb5.9					
WVOR	WVOR					13 41 28.4 +1.7
E15A	Deer Lodge	37.40 335	UP	P	P	13 39 08.3 -0.7
MCCM	Marconi Confer	37.45 316	eP	P	P	13 39 10.0 +0.5
MCCM	Marconi Confer	37.45 316	eP	P	P	13 39 09.9 +0.4
MCCM	comp-Z,1.01nm,1.0s,mb5.6					
ELFS	Eagle Lake Fie	37.46 321	P	P	P	13 39 10.6 +1.1
N5HM	Saint Helena R	37.47 317	eP	P	P	13 39 09.7 0.0
K08A	Mann Creek Ran	37.50 326	P	P	P	13 39 10.3 +0.4
O04C	Chester	37.50 321	P	P	P	13 39 10.5 +0.6
L07A	Adell	37.51 324	P	P	P	13 39 10.2 +0.3
J09A	Fry Pan Ranch,	37.52 327	UP	P	P	13 39 10.3 +0.3
I10A	Payette	37.55 329	UP	P	P	13 39 10.5 +0.3
MNRC	McLaughlin Nat	37.55 318	UP	P	P	13 39 10.9 +0.6
H11A	Donnelly	37.60 330	UP	P	P	13 39 10.2 -0.5
EGMT	Eagleton	37.62 339	UP	P	P	13 39 10.0 -0.8
EGMT	Eagleton	37.62 339	eP	P	P	13 39 10.1 -0.7
EGMT	comp-Z,5.9nm,1.1s,mb5.2					
M06C	Likely Place G	37.66 322	P	P	P	13 39 11.6 +0.4
E14A	Clinton	37.75 334	UP	P	P	13 39 10.9 -0.9
D15A	Lincoln	37.85 335	UP	P	P	13 39 12.0 -0.7
H10A	Noah's Angus R	37.88 329	UP	P	P	13 39 11.7 -1.3
K07A	Rock Creek Ran	37.90 325	P	P	P	13 39 13.4 +0.3
O03C	Acorn Hollow,	37.91 319	UP	P	P	13 39 12.9 -0.5
J08A	Circle Bar Ran	37.91 326	UP	P	P	13 39 13.5 +0.2
I09A	Lost Harbies R	37.95 328	P	P	P	13 39 13.6 0.0
LBCM	Butte Creek Ri	37.97 321	P	P	P	13 39 14.3 +0.4
MOD	Modoc	37.99 323	P	P	P	13 39 13.9 -0.1
MOD	Modoc	37.99 323	eP	P	P	13 39 13.9 -0.1
MOD	comp-Z,1.26nm,1.1s,mb5.6					
HOPS	Hopland	38.03 317	UP	P	P	13 39 14.6 +0.3
HOPS	Hopland	38.03 317	eP	P	P	13 39 13.9 -0.5
HOPS	comp-Z,1.26nm,1.4s,mb5.3					
CHMT	Chamberlain Mo	38.05 335	eP	P	P	13 39 13.3 -1.0
E13A	Victor	38.07 333	UP	P	P	13 39 13.6 -1.0
GASB	Alder Springs	38.15 318	UP	P	P	13 39 15.4 +0.1
M05C	Lookout	38.16 322	P	P	P	13 39 15.6 +0.2
G11A	Walters Elk Ra	38.23 331	UP	P	P	13 39 14.8 -1.2
MSO	Missoula	38.27 334	eP	P	P	13 39 15.5 -0.7
MSO	comp-Z,8.6nm,1.7s,mb5.2					
MSO	MSO					13 39 27.7 -4.6
MSO	MSO					13 41 30.3 +1.0
MSO	MSO					13 41 42.6
D14A	Greenough	38.28 335	UP	P	P	13 39 15.3 -1.1
I08A	Drewsey	38.34 327	UP	P	P	13 39 16.5 -0.4
BMO	Blue Mountains	38.34 329	eP	P	P	13 39 15.7 -1.2
L05A	Lakeview	38.39 323	P	P	P	13 39 17.6 +0.3
P01C	Doie B Ranch	38.46 318	UP	P	P	13 39 18.6 +0.7
O02C	Red Bluff	38.49 319	UP	P	P	13 39 16.8 -1.4
K06A	Val Falls	38.53 324	UP	P	P	13 39 17.9 -0.6
F11A	Grangeville	38.54 331	UP	P	P	13 39 17.0 -1.6
WDC	Whiskeytown Da	38.56 320	eP	P	P	13 39 16.4 -2.4
WDC	comp-Z,3.2nm,1.0s,mb5.0					
WDC	Whiskeytown Da	38.56 320	UP	P	P	13 39 16.3 -2.5
WDC	Whiskeytown Da	38.56 320	eP	P	P	13 39 16.4 -2.4
WDC	comp-Z,3.2nm,1.0s,mb5.0					
G10A	Bishop Farm, J	38.57 330	UP	P	P	13 39 17.7 -1.1
D13A	Huson	38.70 334	UP	P	P	13 39 18.9 -0.9
M03C	McCloud	38.73 321	UP	P	P	13 39 19.0 -0.9
KCPM	Cahto Peak	38.73 318	eP	P	P	13 39 21.4 +1.2
KIPM	Iron Peak	38.73 318	eP	P	P	13 41 33.1 +2.2
KIPM	KIPM					13 41 32.1 +0.9
KIPM	KIPM					13 41 44.3
H08A	Prairie City	38.81 328	P	P	P	13 39 20.3 -0.5
M04C	Macdoel	38.83 322	UP	P	P	13 39 20.9 -0.1
K05A	Summer Lake	38.85 324	UP	P	P	13 39 20.7 -0.5
E11A	Bogner Ranch,	38.91 332	UP	P	P	13 39 20.2 -1.5
I07A	Ize	38.95 326	UP	P	P	13 39 21.2 -0.8
L04A	Klamath Falls	39.09 322	UP	P	P	13 39 23.0 -0.2
F10A	Beach Ranch, E	39.11 330	UP	P	P	13 39 22.5 -0.8
O01C	Eel River Cons	39.13 318	UP	P	P	13 39 24.2 +0.6
N02C	Big Bar	39.18 320	UP	P	P	13 39 22.8 -1.1
C13A	Hot Springs	39.20 334	UP	P	P	13 39 23.2 -0.8
M02C	Callahan	39.22 321	UP	P	P	13 39 22.5 -1.8
I06A	Prineville	39.25 326	P	P	P	13 39 24.2 -0.3
F09A	S2 Ranch, Elgi	39.25 330	UP	P	P	13 39 23.6 -0.9
K04A	Shiloh	39.27 323	UP	P	P	13 39 24.1 -0.5
YBH	Yreka Blue Hor	39.33 321	eP	P	P	13 39 22.2 -3.0
YBH	Yreka Blue Hor					13 41 32.6
YBH	comp-Z,3.2nm,1.1s,mb5.9					

YBH	comp-Z,6.1um,20.0s					MLR	MLR
YBH	Yreka Blue Hor	39.33 321	P	P	P	13 39 23.1 -2.1	
YBH	comp-Z,2.3nm,0.9s						
YBH	Yreka Blue Hor	39.33 321	UP	P	P	13 39 23.4 -1.7	
YBH	Yreka Blue Hor	39.33 321	eP	P	P	13 39 22.2 -3.0	
YBH							

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COR	comp=2.5um,19.0s	MLR	MLR		
COR	Corvallis 41.37 324 eP	P		13 39 41.7	-0.3
COR	comp=Z,323nm,1.1s,mb5.9	LR	LR		
E06A	Yakima 41.37 328 P	P		13 39 42.4	+0.3
EBG	Elensburg 41.41 329 P	P		13 39 43.3	+1.0
H03A	Goap Creek Ran 41.42 324 P	P		13 39 42.4	0.0
ASR	Mount Adams-S 41.43 327 P	P		13 39 43.7	+1.2
MPOR	Mary's Peak 41.47 324 P	P		13 39 44.1	+1.3
A10A	Northport 41.48 330 UP	P		13 39 41.5	-1.3
TBM	Table Mountain 41.60 329 P	P		13 39 44.7	+0.8
SIV	San Ignacio 41.62 134 P	P		13 39 45.1	+0.7
SIV	comp=Z,1.02nm,0.8s,mb5.5,baz=306,slow=8.3,SNR=106	PcP	PcP	13 41 43.9	+3.4
CDFW	Cedar Flats 41.65 327 P	P		13 39 45.1	+0.8
WTV	Waterville 41.66 330 P	P		13 39 44.6	+0.4
MTMW	Mount Mitchell 41.68 327 P	P		13 39 45.5	+0.9
C07A	Waterville 41.70 330 UP	P		13 39 44.2	-0.5
GLK	Glacier Lake 41.71 328 P	P		13 39 44.5	+0.7
F04A	Amboy 41.73 326 UP	P		13 39 44.1	-0.8
D06A	Cle Elum 41.74 329 UP	P		13 39 44.6	-0.5
DHW2	Dyer Hill 2 41.77 331 P	P		13 39 45.5	+0.3
WPW	White Pass 41.77 328 P	P		13 39 46.1	+0.9
ETW	Entiat 41.77 330 P	P		13 39 46.7	+1.5
FFC	Flin Flon 41.78 350UP	eP	P	13 39 44.4	-0.8
FFC	comp=Z,54nm,1.0s,mb5.1	MLR	MLR		
FFC	Flin Flon 41.78 350UP	eP	P	13 39 44.4	-0.8
FFC	comp=Z,54nm,1.0s,mb5.1	MLR	MLR		
FFC	Flin Flon 41.78 350UP	eP	P	13 39 44.4	-0.8
FFC	comp=Z,54nm,1.0s,mb5.1	MLR	MLR		
E05A	Randle 41.79 328 P	P		13 39 45.5	+0.1
G03A	Yamhill 41.81 325 UP	P		13 39 45.3	-0.3
H02A	Toledo 41.83 324 P	P		13 39 45.9	+0.2
B08A	Colville Reser 41.83 331 UP	P		13 39 44.6	-1.1
FL2	Flat Top 2 41.86 327 P	P		13 39 46.5	+0.5
TDL	Tradedollar La 41.89 327 P	P		13 39 46.6	+0.3
ERK	Elk Rock 41.93 327 P	P		13 39 46.9	+0.4
A09A	Danville 41.93 332 UP	P		13 39 45.8	-0.7
LVN	Longmie 41.94 328 P	P		13 39 46.4	-0.2
LVC	Limon Verde 42.00 149 P	P		13 39 49.4	+2.0
LVC	Limon Verde 42.00 149 P	P		13 39 49.4	+2.0
HEBO	Mount Hebo 42.01 325 P	P		13 39 47.7	+0.5
A08A	Turner Farm, O 42.23 332 UP	P		13 39 48.2	-0.7
C06A	Tall Timber Ra 42.27 330 UP	P		13 39 49.0	-0.3
B07A	Winthrop 42.27 331 P	P		13 39 48.4	-0.8
E04A	Onalaska 42.31 327 UP	P		13 39 49.3	-0.4
D05A	Enumclaw 42.32 328 UP	P		13 39 49.3	-0.4
F03A	Seaside 42.34 326 UP	P		13 39 49.9	0.0
C05A	Tolt Reservoir 42.51 329 UP	P		13 39 50.1	-1.2
D04A	Dobbs Creek Ra 42.69 328 UP	P		13 39 52.2	-0.5
E03A	Lebam 42.73 326 UP	P		13 39 53.0	0.0
A07A	Ashnola River, 42.81 331 P	P		13 39 53.7	+0.1
B06A	Marblemount 42.96 330 UP	P		13 39 54.2	-0.7
B05A	Bryant 43.09 329 UP	P		13 39 54.6	-1.4
C04A	Brinnon 43.17 328 UP	P		13 39 55.4	-1.2
D03A	Wishkah Elem. 43.20 327 UP	P		13 39 57.0	+0.1
EDM	Edmonton 43.25 340 eP	P		13 39 56.2	-0.9
A06A	Chilliwack 43.36 331 UP	P		13 39 57.2	-0.9
NLWA	Neilton Lookou 43.43 327 P	P		13 39 58.9	+0.2
NLWA	Neilton Lookou 43.43 327 P	P		13 39 58.6	-0.1
NLWA	comp=Z,284nm,1.2s,mb5.9	ePcP	PcP	13 41 46.8	+0.8
NLWA		e		13 41 58.9	
A05A	Maple Falls 43.58 330 UP	P		13 39 58.9	-1.0
B04A	Port Angeles 43.66 328 UP	P		13 40 00.4	-0.2
A04A	Legoe Bay, Lum 43.70 329 UP	P		13 40 00.1	-0.7
PGC	Sidney 44.02 329 P	P		13 40 02.3	-1.1
PGC	comp=Z,434nm,1.2s,mb6.1	ePcP	PcP	13 41 48.8	+0.8
PGC		e		13 42 00.9	
C03A	Quilayute Air 44.14 327 UP	P		13 40 04.9	+0.5
RPN	Rapa Nui 44.55 204 PFAKE	LR	LR	13 40 20.0	+1.2
FCC	Fort Churchill 44.95 357 eP	P		13 40 09.6	-1.0
FCC	comp=Z,69nm,0.9s,mb5.5	eP	P	13 40 09.6	-1.0
FCC	Fort Churchill 44.95 357 eP	P		13 40 09.6	-1.0
SCHO	Schefferville 44.96 19 P	P		13 40 10.7	-0.2
SCHO	comp=Z,223nm,0.9s,mb6.0,baz=211,slow=6.1,SNR=120	PcP	PcP	13 41 51.5	+0.4
SCHO	comp=Z,16nm,0.6s,baz=261,slow=4.6,SNR=3.9	LR	LR	14 00 11.7	
SCHO	comp=Z,14um,19.7s,baz=219,slow=38	LR	LR	13 40 10.6	-0.3
SCHO	Schefferville 44.96 19 eP	P		13 40 10.6	-0.3
SCHO	comp=Z,288nm,0.9s,mb6.1	LR	LR		
LCO	Las Campanas 46.73 156 eP	P		13 40 26.1	+1.1
LCO	comp=Z,55nm,0.9s,mb5.5	LR	LR		
CFAA	Coronel Fontan 50.01 155 P	P		13 40 51.0	+0.7
CFAA	comp=Z,2.4nm,0.8s,mb4.3,baz=339,slow=8.2,SNR=10	P		13 40 51.0	+0.7
BDFB	Brasilia 51.32 123 P	P		13 41 01.6	+1.2
BDFB	comp=Z,14nm,0.9s,mb4.9,baz=289,slow=17,SNR=20	PcP	PcP	13 42 17.0	+2.4
BDFB	Brasilia 51.32 123 P	P		13 41 01.6	+1.2
BDFB	comp=Z,10nm,0.8s,baz=290,slow=9.5,SNR=5.9	P		13 42 17.0	
BDFB		pmx	pmx		
BDFB	comp=Z,14nm,0.9s	pmx	pmx		
BDFB	comp=Z,11nm,0.8s	pmx	pmx		
CPUP	Villa Florida 51.40 141 P	P		13 41 00.4	-0.4
CPUP	comp=Z,10nm,0.9s,mb4.8,baz=310,slow=7.6,SNR=11	PcP	PcP	13 42 15.8	+1.1
CPUP	comp=Z,4.3nm,0.6s,baz=296,slow=5.4,SNR=3.5	LR	LR	14 04 12.6	
CPUP	comp=Z,3um,18.6s,baz=306,slow=38	P		13 41 00.4	-0.5
CPUP	Villa Florida 51.40 141 P	P		13 41 00.4	-0.5
CPUP	comp=Z,10.0nm,0.9s	pmx	pmx		
CPUP	comp=Z,4.0nm,0.6s	MLR	MLR		
CPUP	comp=Z,2um,18.6s	MLR	MLR		
CPUP	Villa Florida 51.40 141 eP	P		13 41 00.2	-0.7
CPUP	comp=Z,72nm,1.0s,mb5.6	LR	LR		

YKA	comp=Z,594nm,19.0s	P		13 41 00.2	-1.0
YKA	Yellowknife Ar 51.52 346 P	P		13 42 14.2	-0.3
YKA	comp=Z,2.1nm,0.8s,mb5.1,baz=147,slow=7.8,SNR=53	PcP	PcP	13 42 14.2	-0.3
YKA	comp=Z,5.4nm,0.6s,baz=150,slow=3.6,SNR=10	PKIKP	PKIKP	13 48 55.7	-0.5
YKA	comp=Z,0.8nm,0.8s,baz=132,slow=0.6,SNR=4.5	LR	LR	14 07 12.2	
YKA	comp=Z,2um,20.1s,baz=165,slow=41	LR	LR		
YKA	Yellowknife Ar 51.52 346 P	P		13 41 00.2	-1.0
YKA		PcP	PcP	13 42 14.2	-0.3
CRAG	Craig 52.91 331 eP	P		13 41 12.4	+0.7
WRAP	comp=Z,73nm,1.0s,mb5.6	eP	P	13 41 13.1	0.0
WRAP	Wrangell Islan 53.11 332 eP	P		13 41 13.1	0.0
WRAP	comp=Z,35nm,1.2s,mb5.2	ePcP	PcP	13 42 21.1	+0.5
WRAP		e		13 42 33.7	
DLBC	Dease Lake 53.37 335 eP	P		13 41 15.5	+0.6
TAOE	Nuku Hiva Isla 54.03 248 eS	S		13 48 35.9	-1.6
TAOE	comp=Z,68um,26.3s	eLR	LR	13 56 30.9	
TAOE	comp=Z,163um,25.8s	eLR	LR	14 38 34.5	
TAOE	Nuku Hiva Isla 54.03 248 eT	T		13 41 40.0	+1.6
PTCN	Pitcairn Islan 54.51 225 PFAKE	LR	LR	13 41 40.0	+1.6
PTCN		LR	LR		
SIT	Sitka 54.82 332 PFAKE	LR	LR	13 41 40.0	+1.4
SIT		LR	LR		
SKAG	Skagway 56.17 334 eP	P		13 41 35.7	+0.5
SKAG	comp=Z,29nm,1.1s,mb5.2	eP	P	13 49 11.8	-1.7
RKT	Rikitea 56.81 230 eS	S		13 55 24.6	
RKT		eLR	LR	13 58 22.1	
RKT	comp=Z,6um,25.5s	eT		14 42 06.3	
RKT	Rikitea 56.81 230 eT	T		13 41 44.4	+0.5
PLCA	Paso Flores 57.38 162 P	P		13 42 37.3	+0.1
PLCA	comp=Z,16nm,1.1s,mb5.0,baz=338,slow=9.8,SNR=11	PcP	PcP	14 00 53.6	
PLCA	comp=Z,16nm,1.1s,baz=350,slow=9.2,SNR=4.2	LR	LR	14 00 53.6	
PLCA	comp=Z,2um,20.7s,baz=4.8,slow=30	P		13 41 44.4	+0.5
PLCA	Paso Flores 57.38 162 P	P		13 42 37.3	
PLCA	comp=Z,16nm,1.1s	pmx	pmx		
PLCA		pmx	pmx		
LPA	La Plata 57.55 148 eP	P		13 41 46.0	+0.7
TRQA	Torquist 58.18 154 eP	P		13 41 48.6	-1.0
TRQA	comp=Z,27nm,1.1s,mb5.2	LR	LR		
CAM4	Nova Friburgo 59.27 127 eP	P		13 41 57.7	+0.2
CAM4		P		13 41 59.1	
CAM4		P		13 42 01.3	
CAM4		P		13 42 09.2	
CAM4		P		13 42 13.9	-0.7
CAM4		P		13 42 19.7	
CAM4		P		13 42 36.1	
CAM4		P		13 42 49.3	
CAM4		P		13 41 56.0	-1.1
SFJD	Kangerlussuaq 59.31 17 P	P		13 41 56.0	-1.1
SFJD	comp=Z,8.6nm,0.8s,mb4.8,baz=170,slow=6.1,SNR=3.6	P		13 41 54.9	-2.2
SFJD	Kangerlussuaq 59.31 17 P	P		13 50 02.3	+1.9
SFJD		P		13 50 02.3	+1.9
SFJD	comp=Z,22nm,1.1s,mb5.1	MLR	MLR		
SFJD	comp=Z,9um,19.0s	MLR	MLR		
SFJD	Kangerlussuaq 59.31 17 P	P		13 41 54.9	-2.2
SFJD	comp=Z,22nm,1.1s,mb5.1	P		13 50 02.3	+1.9
SFJD		P		13 41 56.0	-1.1
SFJD	Kangerlussuaq 59.31 17 P	P		13 41 56.0	-1.1
SFJD		P		13 42 06.7	-1.3
RES	Resolute Bay 60.92 359 eP	P		13 42 07.7	-0.9
RES	comp=Z,1um,0.8s	P		13 42 07.6	-1.0
INK	Inuvik 61.00 343 eP	P		13 42 07.6	-1.0
INK	comp=Z,27nm,0.8s,mb5.3,baz=130,slow=7.5,SNR=49	P		13 42 07.6	-1.0
INK	Inuvik 61.00 343 eP	P		13 42 07.6	-1.0
INK	comp=Z,923nm,0.9s	pmx	pmx		
INK	Inuvik 61.00 343 eP	P		13 42 07.6	-1.0
INK	comp=Z,924nm,0.9s	pmx	pmx		
EGAK	Eagle 61.38 338 eP	P		13 42 10.3	-1.0
EGAK		LR	LR		
MENT	Mentasta 61.45 335 eP	P		13 42 11.6	-0.2
DIV	Divide 61.51 333 eP	P		13 42 12.9	+0.7
DIV	comp=Z,79nm,1.0s,mb5.8	LR	LR		
DIV	comp=Z,7um,21.0s	PFAKE	LR	13 42 30.0	+1.3
POHA	Pohakuloa 62.08 285 PFAKE	LR	LR	13 42 21.1	-0.5
POHA		LR	LR	13 42 22.7	-0.6
SML	Sawmill 62.91 333 eP	P		13 42 21.1	-0.5
PMR	Palmer 63.18 333 eP	P		13 42 22.7	-0.6
PMR	comp=Z,103nm,1.1s,mb5.9</				

Table with columns: BJO, Bjornoya, 81.97, 15, eP, P, 13 44 14.9 +0.2, 13 54 22.8 -0.5, 14 22 28.8

Table with columns: LOMF, Lomont, 84.96, 43, eP, P, 13 44 28.6 -2.0, 13 44 29.8 -0.9, 13 44 28.6 -0.9

Table with columns: NKC, Novy Kostel, 87.69, 39, eP, P, 13 44 44.3 -0.3, 13 45 02.4 +0.5, 13 44 43.5 -0.4

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Table with columns for team names (e.g., JAVS, OBKA, SOKA), scores, and other statistics. Includes sub-sections like BOJS, JOF, PETK, etc.

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Main table with columns for team names (e.g., AB31, GNI, GNO), scores, and other statistics. Includes sub-sections like ZAK, ZALV, ZAL, etc.

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Table with columns for team names (e.g., KSH, CASH, CASHY), scores, and other statistics. Includes sub-sections like GTA, NJ2, NJ2, etc.

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Table with columns: CD2, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like NB2, NOA, LZH, GYA, etc.

Table with columns: KSR5, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like NJ2, YSS, YSS, etc.

Table with columns: WMO, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like MKAR, ZALV, ARCES, etc.

BJJ 08 14:36:42.1, 1656Sx16759E, h9km, mb5.1, mb4.9, Ms5.0, Ms4.7
ISCJB 08 14:36:43.6, 0.5, 1687S, 005.16706E, 010, h15km, mb4.8/39, MS4.5/9. Error ellipse: s-maj=13.4km s-min=7.8km az=179.3

KMI 14:36:48.9, 4.4, 1681Sx16707E, h39km, mb3.6km, mb4.3/15, mb1.4/16, mb1mx4.4/20, mbtmp4.3/16, ML, 9.1, MS3.9/5, Ms1.3/9.5, ms1mx3.6/30, Error ellipse: s-maj=23.5km s-min=15.5km az=87.0

WMO 14:36:48.9, 4.4, 1681Sx16707E, h39km, mb3.6km, mb4.3/15, mb1.4/16, mb1mx4.4/20, mbtmp4.3/16, ML, 9.1, MS3.9/5, Ms1.3/9.5, ms1mx3.6/30, Error ellipse: s-maj=23.5km s-min=15.5km az=87.0

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like DZM, HNR, HNR, etc.

Table with columns: HHC, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like HHC, HHC, HHC, etc.

Table with columns: SSF, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like SSF, LDF, SSF, etc.

BJJ 08 14:50:56.6, 7200N-500E, h10km, mb4.9, mb4.6, Ms4.5, Ms4.3
ISCJB 08 14:50:57.2, 0.3, 7197N-003.54E, 01, h10km, mb4.2/45, Error ellipse: s-maj=4.9km s-min=4.1km az=32.2

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like W12A Cal Nev Ari, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like O13A Hicks Ranch, S10A Tonopah Range, P12A McGUI, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like T05C Eagle Field, S06C San Francisco, S05C Merced, etc.

8d 15h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like 004C Chester, K08A Mann Creek Ran, L07A Adell, etc.

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Table with columns: ID, Name, Time, Status, and other details. Includes entries like L02A Cave Junction, A13A Flathead Nat, M01C Crescent City, etc.

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Table with columns: ID, Name, Time, Status, and other details. Includes entries like SCHO Schefferville, SCHO Schefferville, SCHO Schefferville, etc.

KK31	Karatay Array	9.07 345	||P	Pn	15 31 40.1 +1.5
	comp=Z,37nm,0.6s,baz=167,slo=12,SNR=376		||S	Sn	15 33 19.3 -1.2
KK31	Karatay Array	9.07 345	||P	Pn	15 31 40.0 +1.4
AAA	Alma-Ata	9.26 15	eP	Pn	15 31 43.4 +2.2
AAA			eS	Sn	15 33 29.5 +4.5
AAA			pmax	pmax	
AAA			smax		
AAA			MLR	MLR	
JHNI	Jhansi	9.81 153	eP	Pn	15 31 59.0 +1.0
JHNI			eS	Sn	15 33 45.0 +6.3
DANN	Dangsing	10.50 122	eP	Pn	15 31 56.3 -1.9
	comp=Z,97nm,0.4s				
KOLN	Koldanda	10.75 125	eP	Pn	15 31 59.7 -1.9
GKN	Gorkha	11.32 121	eP	Pn	15 32 08.0 -1.5
	comp=Z,75nm,1.0s				
DMN	Daman	11.89 121	eP	Pn	15 32 15.1 -2.2
KKN	Kakani	11.91 120	eP	Pn	15 32 15.1 -2.4
KKN			pmax	pmax	
PKIN	Phulchoki	12.12 121	eP	Pn	15 32 18.2 -2.1
	comp=Z,53nm,0.3s				
PKI	Pulchoki	12.13 121	eP	Pn	15 32 18.1 -2.4
	comp=Z,164nm,0.6s				
PKI	Pulchoki	12.13 121	eP	Pn	15 32 18.2 -2.3
PKI			pmax	pmax	
PKI	Pulchoki	12.13 121	eP	Pn	15 32 18.2 -2.3
	comp=Z,53nm,0.3s				
GUN	Gumba	12.27 118	eP	Pn	15 32 20.6 -1.8
BHV	Bhavagar	12.63 186	eP	Pn	15 32 25.5 -1.9
JIRN	Jiri	12.64 118	eP	Pn	15 32 25.1 -2.4
	comp=Z,146nm,0.4s				
NGP	Nagpur	13.99 159	ex	x	15 32 39.1
NGP			ex	x	15 35 05.5
MK31	Makanchi Array	14.03 25	||P	Pn	15 32 46.0 -0.4
	comp=Z,8.3nm,0.7s,baz=214,slo=14,SNR=67				
MK31	Makanchi Array	14.03 25	iP	Pn	15 32 46.2 -0.2
MK31			pmax	pmax	
MK31	Makanchi Array	14.03 25	iP	Pn	15 32 46.0 -0.4
MKAR	Makanchi Array	14.03 25	Pn	Pn	15 32 46.0 -0.3
	comp=Z,0.2nm,0.3s,baz=195,slo=8.7,SNR=21				
MKAR			Sn	Sn	15 35 17.2 -4.6
MKAR			LR	LR	15 38 51.8
WMQ	Urumqi	14.40 45	eP	Pn	15 32 55.3 +3.8
WMQ			pp	pp	15 33 08.0
WMQ			S	Sn	15 33 04.1 -1.1
WMQ			XS	XS	15 35 44.8
WMQ			AMB	AMB	
WMQ			LR	LR	
BOK	Bokaro	14.98 131	eP	Pn	15 32 59.9 +0.4
BOK			ex	x	15 35 17.9
BOM	Bombay	15.42 183	ex	x	15 32 52.4
	comp=Z,10.8nm,1.1s,baz=193,slo=13.7,SNR=145		ex	x	15 36 03.8
LSA	Lhasa	15.53 103	eP	Pn	15 33 04.1 -2.6
POO	Poona	15.76 179	iP	Pn	15 33 04.0
POO			iPP	Pn	15 33 16.0
LATR	Latur	16.08 170	eP	Pn	15 33 13.7 -0.1
LATR			ex	x	15 35 45.5
KURBS	Kurchatov Arra	16.64 11	||P	Pn	15 33 19.7 -1.1
	comp=Z,5.8nm,0.7s				
KURK	Kurchatov	16.74 11	||P	Pn	15 33 19.8 -2.3
KURK	Kurchatov	16.74 11	||P	Pn	15 33 19.2 -2.9
KURK	Kurchatov	16.74 11	iP	Pn	15 33 19.2 -2.9
HYB	Hyderabad	17.43 164	eP	Pn	15 33 29.0 -1.8
HYB			eS	Sn	15 36 28.5 -1.6
HYB	Hyderabad	17.43 164	eP	Pn	15 33 29.0 -1.8
HYB			eS	Sn	15 36 28.5 -1.6
AB31	Akbulak array	18.02 330	||P	Pn	15 33 37.5 -0.5
	comp=Z,7.4nm,0.6s,baz=141,slo=11				
AB31			||S	Sn	15 36 47.7 -1.1
SHL	Shilong	18.03 114	ex	x	15 33 34.0
SHL			ex	x	15 36 43.0
VOSK	Vostochnaya	18.46 355	||P	Pn	15 33 42.4 -0.9
	comp=Z,18nm,0.6s				
VIS	Vishakhapatnam	18.68 150	i x	x	15 34 04.3
VIS			i x	x	15 37 13.8
BVAO	Borovoye Array	18.81 354	||P	Pn	15 33 47.2 -0.3
	comp=Z,4.4nm,0.8s,baz=160,slo=10,SNR=178				
BVAO			S	Sn	15 37 11.9 -5.7
BVAR	Borovoye Array	18.81 354	P	Pn	15 33 47.3 -0.2
	comp=Z,4.9nm,0.3s,baz=163,slo=10,SNR=145				
BVAR			P	Sn	15 37 12.7 -4.9
BVAR	Borovoye Array	18.81 354	P	Pn	15 33 47.3 -0.3
BVAR			pmax	pmax	
BVAR			pmax	pmax	
BRVK	Borovoye	18.85 354	eP	Pn	15 33 47.3 -0.8
BRVK			pmax	pmax	
BRVK			eP	Pn	15 33 47.3 -0.8
BRVK			pmax	pmax	
ZRNK	Zerenda	18.88 351	||P	Pn	15 33 48.3 -0.2
ZRNK			iP	Pn	15 33 48.2 -0.3
AKTK	Aktyubinsk	19.73 329	P	Pn	15 33 57.8 -0.8
AKTK			S	Sn	15 37 36.0 -3.8
AKTK			S	Sn	15 33 57.5 -1.1
AKTO	Aktyubinsk	19.73 329	||P	Pn	15 37 33.3 -6.5
	comp=Z,0.4nm,1.0s				
AKTO	Aktyubinsk	19.73 329	P	Sn	15 33 57.8 -0.8
	comp=Z,3.2nm,0.3s,baz=131,slo=10,SNR=62				
AKTO			S	Sn	15 37 36.0 -3.8
AKTO	Aktyubinsk	19.73 329	P	Pn	15 33 57.8 -0.8
	comp=Z,0.3nm,0.3s,baz=254,slo=21,SNR=6.0				
AKTO			S	Sn	15 37 36.0 -3.8
ZAL	Zalesovo	21.09 18	P	P	15 34 11.3 -0.6
ZAL			S	S	15 38 03.1 -2.9
ZAAO	Zalesovo Array	21.11 19	eP	P	15 34 10.9 -1.1
ZALV	Zalesovo Beam	21.11 19	P	P	15 34 11.3 -0.7
	comp=Z,35nm,0.6s,mb4.9,baz=212,slo=10,SNR=111				
ZALV			P	P	15 38 03.1 -3.2
ZALV	Zalesovo Beam	21.11 19	P	P	15 34 11.3 -0.7
ZALV			S	Sn	15 38 03.1 -3.2
GTA	Gaotai	21.48 69	||P	Pn	15 34 16.7 +0.5
GTA			pp	pp	15 34 45.6
GTA			PPP	PPP	15 34 56.3
GTA			S	S	15 38 12.5 -1.4
GTA			AMB	AMB	
GTA			AMB	AMB	
GTA			LR	LR	
GTA			LR	LR	
GTA			LR	LR	
GTA			LR	LR	
GTA			LR	LR	
NVS	Novosibirsk	21.55 15	iP	P	15 34 14.9 -1.8
NVS			iS	S	15 38 07.8 -7.1
NVS			pmax	pmax	
NVS			pmax	pmax	
NVS			pmax	pmax	
NVS			smax	smax	
NVS			smax	smax	
GNI	Garni	23.68 293	P	P	15 34 41.2 +1.9
	comp=Z,4.9nm,0.4s,mb4.3,baz=23,slo=14,SNR=2.8				
GNI			eP	P	15 34 42.0 +2.7
GNI			eP	P	15 34 38.3 -1.0

SVE	Sverdlövsk	24.17 342	eP	P	15 34 44.5 +0.9
SVE			pmax	pmax	
SVE			MLR	MLR	
ARU	Arti	24.38 339	dIP	P	15 34 46.2 +0.6
ARU			ePPP	P	15 35 25.9
ARU			eS	S	15 39 01.2 -3.2
ARU			eSS	S	15 39 47.3
ARU			pmax	pmax	
ARU	Arti	24.38 339	eP	P	15 34 45.7 +0.2
	comp=Z,17nm,0.7s,mb4.6				
LZH	Lanzhou	24.67 77	||P	P	15 34 49.5 +1.1
LZH			PP	P	15 35 26.0
LZH			eS	S	15 39 06.5 -3.0
LZH			XS	S	15 39 20.6 +3.5
LZH			eSS	S	15 40 02.7
LZH			AMB	AMB	
LZH			AMB	AMB	
LZH			LR	LR	
LZH			LR	LR	
CD2	Chengdu	25.53 89	P	P	15 34 57.5 +1.2
CD2			PP	P	15 35 38.1
CD2			S	S	15 39 18.4 -4.8
CD2			AMB	AMB	15 40 25.5
CD2			AMB	AMB	
CD2			LR	LR	
CD2			LR	LR	
CD2			LR	LR	
CD2			LR	LR	
KIV	Kislovodsk	25.74 301	iP	P	15 34 59.4 +1.4
KIV			pmax	pmax	
KIV			P	P	15 34 58.3 +0.3
KIV			eP	P	15 35 03.3 +1.7
KIV			pmax	pmax	
KMI	Kunming	26.79 102	P	P	15 35 09.6 +1.9
KMI			PP	P	15 35 54.1
KMI			S	S	15 39 39.9 -3.9
KMI			SS	S	15 40 54.7
KMI			AMB	AMB	
KMI			AMB	AMB	
KMI			LR	LR	
KMI			LR	LR	
KMI			LR	LR	
ZAK	Zakamensk	26.87 44	eP	P	15 35 08.3 +0.1
ZAK			e	P	15 36 04.3
ZAK			pmax	pmax	
ZAK			pmax	pmax	
CHG	Chiang Mai	27.29 118	||P	P	15 35 14.0 +1.8
CHTO	Chiang Mai	27.29 118	eP	P	15 35 13.1 +0.9
CHTO			pmax	pmax	
CHTO	Chiang Mai	27.29 118	eP	P	15 35 13.1 +0.8
CHTO			pmax	pmax	
CM31	Chiang Mai Arr	27.52 119	eP	P	15 35 14.6 +0.3
	comp=Z,2.6nm,0.9s,mb4.8				
SOC	Sochi	27.80 300	eP	P	15 35 13.5 -3.1
SOC			ePPP	pP	15 35 32.7 +1.1
SOC			eS	S	15 39 59.2
SOC			eS	S	15 39 51.5 -7.4
SOC			eSS	S	15 41 12.7
SOC			MLR	MLR	
SOC			MLR	MLR	
SOC					

GRF	Grafenberg Arr	47.49 309	eP	P	15 38 03.1 +0.7
GRF	comp=Z,6.0nm,0.9s,mb4.5			pmax	pmax
GRF	Grafenberg Arr	47.49 309	eP	P	15 38 03.1 +0.7
GRF	comp=Z,6.0nm,0.9s,mb4.5			pmax	pmax
GRF	Grafenberg Arr	47.49 309	eP	P	15 38 03.1 +0.7
GRF	comp=Z,6.0nm,0.9s,mb4.5			pmax	pmax
GRF	Wattenberg	47.50 305	eP	pP	15 38 07.0 +0.4
WTTA	comp=Z,3.0nm,0.5s,mb4.5			pmax	15 38 01.3 -1.3
WTTA	Wattenberg	47.50 305	eP	P	15 38 01.3 -1.3
WTTA	comp=Z,3.0nm,0.5s,mb4.5			pmax	pmax
WATA	Walderalm	47.53 305	eP	P	15 38 06.0 +3.2
WATA	Walderalm	47.53 305	eP	P	15 38 06.0 +3.2
NAOO1	NORSAR Array S	47.54 324	eP	P	15 37 58.7 -3.9
SOTA	Sankt Quirin	47.80 305	eP	P	15 38 04.6 -0.3
MOTA	Moosalm	47.85 306	eP	P	15 38 04.9 -0.4
MOTA	Moosalm	47.85 306	eP	P	15 38 04.9 -0.4
MOTA	comp=Z,5.0nm,0.6s,mb4.7			pmax	pmax
RETA	Reutte	48.06 306	eP	P	15 38 07.0 +0.2
KONO	Kongsberg	48.12 322	eP	P	15 38 06.3 -0.8
FETA	Feichten	48.15 305	eP	P	15 38 07.0 +0.5
FETA	comp=Z,2.0nm,0.9s,mb4.7			pmax	pmax
KKM	Kota Kinabalu	48.32 116	eP	P	15 38 09.9 +0.6
DAVA	Damuels	48.36 306	eP	P	15 38 11.3 +0.4
DAVA	comp=Z,1.7nm,0.9s,mb5.1			pmax	pmax
KMBO	Kilima Mbogo	49.11 232	eP	P	15 38 17.5 +2.2
KMBO	Kilima Mbogo	49.11 232	eP	P	15 38 16.9 +1.6
KMBO	comp=Z,4.4nm,1.1s,mb4.7			pmax	pmax
PGF	Pioggiola	50.23 300	eP	P	15 38 23.0 -0.4
PGF	Pioggiola	50.23 300	eP	P	15 38 23.0 -0.4
PGF	comp=Z,2.0nm,0.6s,mb4.3			pmax	pmax
PGF	Pioggiola	50.23 300	eP	P	15 38 23.0 -0.4
PGF	comp=Z,2.4nm,0.6s,mb4.4			pmax	pmax
HINF	Hinteralfeld	50.62 307	eP	P	15 38 26.1 -0.3
HAU	Haudompre	50.92 307	eP	P	15 38 28.1 -0.6
HAU	Haudompre	50.92 307	eP	P	15 38 28.1 -0.6
HAU	comp=Z,4.0nm,0.7s,mb4.5			pmax	pmax
HAU	Haudompre	50.92 307	eP	P	15 38 28.1 -0.6
HAU	comp=Z,3.6nm,0.7s,mb4.4			pmax	pmax
LPG	La Plagne	51.14 304	eP	P	15 38 30.6 +0.2
LPG	comp=Z,1.7nm,1.0s,mb4.6			pmax	pmax
LPG	La Plagne	51.14 304	eP	P	15 38 30.6 +0.2
LPG	comp=Z,9.0nm,1.0s,mb4.7			pmax	pmax
LPG	La Plagne	51.14 304	eP	P	15 38 30.6 +0.2
LPG	comp=Z,6.8nm,1.0s,mb4.9			pmax	pmax
LPL	La Plagne	51.15 304	eP	P	15 38 30.6 +0.2
LPL	comp=Z,8.3nm,0.6s,mb4.5			pmax	pmax
LPL	La Plagne	51.15 304	eP	P	15 38 30.6 +0.2
LPL	comp=Z,4.0nm,0.6s,mb4.5			pmax	pmax
BNI	Bardonecchia	51.28 303	eP	P	15 38 29.3 -2.2
BNI	comp=Z,6.0nm,0.8s,mb4.6			pmax	pmax
BNI	Bardonecchia	51.28 303	eP	P	15 38 29.3 -2.2
BNI	comp=Z,5.7nm,0.8s,mb4.5			pmax	pmax
MBDF	Montardon	51.29 303	eP	P	15 38 30.9 +0.6
CABF	La Chapelle	51.36 305	eP	P	15 38 32.3 +0.3
CABF	comp=Z,1.3nm,1.0s,mb4.5			pmax	pmax
CABF	La Chapelle	51.36 305	eP	P	15 38 32.3 +0.3
CABF	comp=Z,7.0nm,1.0s,mb4.5			pmax	pmax
CABF	La Chapelle	51.36 305	eP	P	15 38 32.3 +0.3
CABF	comp=Z,6.7nm,1.0s,mb4.7			pmax	pmax
GIVF	Givet	51.53 310	eP	P	15 38 33.6 +0.4
MJAR	Matsushiro Arr	51.73 68	eP	P	15 38 34.5 -0.4
MJAR	Matsushiro Arr	51.73 68	eP	P	15 38 34.5 -0.4
MJAR	comp=Z,2.3nm,0.7s,mb4.2,baz=291,slow=9.7,SNR=7.6			pmax	pmax
MJAR	Matsushiro Arr	51.73 68	eP	P	15 38 34.5 -0.4
MJAR	comp=Z,2.0nm,0.7s			pmax	pmax
KEST	Kesra	51.81 291	eP	P	15 38 36.5 +0.9
YSS	Yuzh-Sakhalins	52.30 54	eP	P	15 38 39.1 +0.1
YSS	comp=Z,2.0nm,0.9s,mb5.0			MLR	MLR
YSS	comp=Z,5.0nm,1.4,0s,MS4.7			MLR	MLR
YSS	Yuzh-Sakhalins	52.30 54	eP	P	15 38 38.2 -0.8
LOR	Lormes	52.71 307	eP	P	15 38 42.5 +0.4
LOR	comp=Z,7.9nm,0.9s,mb4.3			pmax	pmax
LOR	Lormes	52.71 307	eP	P	15 38 42.5 +0.4
LOR	comp=Z,4.0nm,0.9s,mb4.3			pmax	pmax
LOR	Lormes	52.71 307	eP	P	15 38 42.5 +0.4
VIVF	Saint-Julien	52.72 303	eP	P	15 38 42.0 -0.1
SMF	Signal de Mont	52.86 306	eP	P	15 38 42.6 -0.6
SMF	Signal de Mont	52.86 306	eP	P	15 38 42.6 -0.6
SMF	comp=Z,1.1nm,1.0s,mb4.7			pmax	pmax
SMF	Signal de Mont	52.86 306	eP	P	15 38 42.6 -0.6
SMF	comp=Z,1.1nm,1.0s,mb4.7			pmax	pmax
SSF	Saint Saulte	52.99 306	eP	P	15 38 43.7 -0.5
SSF	comp=Z,1.5nm,1.1s,mb4.5			pmax	pmax
SSF	Saint Saulte	52.99 306	eP	P	15 38 43.7 -0.5
SSF	comp=Z,7.0nm,1.1s,mb4.5			pmax	pmax
SSF	Saint Saulte	52.99 306	eP	P	15 38 43.7 -0.5
SSF	comp=Z,4.1nm,1.1s,mb4.5			pmax	pmax
AVF	Avril sur Loir	53.16 306	eP	P	15 38 44.9 -0.5
AVF	Avril sur Loir	53.16 306	eP	P	15 38 44.9 -0.5
AVF	comp=Z,1.8nm,1.0s,mb4.7			pmax	pmax
AVF	Avril sur Loir	53.16 306	eP	P	15 38 44.9 -0.5
AVF	comp=Z,9.0nm,1.0s,mb4.7			pmax	pmax
AVF	Avril sur Loir	53.16 306	eP	P	15 38 44.9 -0.5
AVF	comp=Z,9.1nm,1.0s,mb4.7			pmax	pmax
LASF	Ste Croix	53.48 303	eP	P	15 38 47.8 0.0
TCF	Touix Ste Croix	54.47 306	eP	P	15 38 51.9 0.0
TCF	comp=Z,2.0nm,1.1s,mb4.6			pmax	pmax
TCF	Touix Ste Croix	54.47 306	eP	P	15 38 51.9 0.0
TCF	comp=Z,1.0nm,1.1s,mb4.7			pmax	pmax
TCF	Touix Ste Croix	54.47 306	eP	P	15 38 51.9 0.0
CAF	Calviac	54.49 304	eP	P	15 38 55.0 -0.2
CAF	comp=Z,8.7nm,0.9s,mb4.4			pmax	pmax
CAF	Calviac	54.49 304	eP	P	15 38 55.0 -0.2
CAF	comp=Z,4.0nm,0.9s,mb4.3			pmax	pmax
CAF	Calviac	54.49 304	eP	P	15 38 55.0 -0.2
CAF	comp=Z,4.3nm,0.9s,mb4.4			pmax	pmax
RJLF	Les Riudoux	54.77 305	eP	P	15 38 57.1 0.0
MTLF	Montlieu	54.82 302	eP	P	15 38 57.2 -0.4
MTLF	comp=Z,1.3nm,1.2s,mb4.5			pmax	pmax
MTLF	Montlieu	54.82 302	eP	P	15 38 57.2 -0.4
MTLF	comp=Z,2.6nm,1.2s,mb4.5			pmax	pmax
MTLF	Montlieu	54.82 302	eP	P	15 38 57.2 -0.4
SEY	Seymchan	55.00 33	eP	P	15 38 59.1 +0.5
LDL	La Druiliere	55.01 309	eP	P	15 38 58.9 0.0
FLN	La Foliniere	55.20 309	eP	P	15 38 59.4 -0.8
EKA	Eskdalemuir Ar	55.34 317	eP	P	15 39 00.5 -0.7
EKA	Eskdalemuir Ar	55.34 317	eP	P	15 39 00.5 -0.7
EKA	comp=Z,2.8nm,0.8s,mb4.4,baz=93,slow=7.1,SNR=13			pmax	pmax
EKA	Eskdalemuir Ar	55.34 317	eP	P	15 39 00.5 -0.7
FFF	La Frestale	55.39 304	eP	P	15 39 01.8 +0.1
MFF	Saint Martin d	55.54 307	eP	P	15 39 02.2 -0.5
GRR	Gorron	55.54 309	eP	P	15 39 02.0 -0.7
GRR	comp=Z,2.1nm,1.1s,mb4.6			pmax	pmax
GRR	Gorron	55.54 309	eP	P	15 39 02.0 -0.7
GRR	comp=Z,1.0nm,1.1s,mb4.8			pmax	pmax
GRR	Gorron	55.54 309	eP	P	15 39 02.0 -0.7
GRR	comp=Z,2.0nm,1.1s,mb4.8			pmax	pmax
GRR	Gorron	55.54 309	eP	P	15 39 02.0 -0.7
EPF	Esparrons	56.27 302	eP	P	15 39 07.2 -0.5
SGMF	Saint Gilles	56.37 309	eP	P	15 39 10.8 +0.1
ETSF	Etsaut	56.89 302	eP	P	15 39 12.4 0.0
ETSF	comp=Z,7.9nm,0.7s,mb4.5			pmax	pmax
ETSF	Etsaut	56.89 302	eP	P	15 39 12.4 0.0

ETSF	Etsaut	56.89 302	eP	P	15 39 12.4 0.0
ETSF	comp=Z,4.0nm,0.7s,mb4.6			pmax	pmax
SJPF	Ste Jen	57.29 303	eP	P	15 39 15.2 0.0
BILL	Bilibino	59.58 26	dIP	SS	15 39 31.3 +0.5
BILL	comp=Z,15nm,2.5s,mb4.6			pmax	pmax
BILL	Bilibino	59.58 26	dIP	P	15 39 31.2 +0.4
BILL	comp=Z,2.2nm,0.8s,mb4.4			pmax	pmax
ESDC	Sonsecra Array	60.40 300	eP	P	15 39 37.2 +0.3
ESDC	comp=Z,0.3nm,0.3s,mb3.8,baz=62,slow=7.8,SNR=5.4			pmax	pmax
ESLA	Sonsecra Array	60.40 300	eP	P	15 39 36.0 -0.9
PET	Petrovsk	60.75 44	eP	P	15 39 35.5 -2.4
PET	comp=Z,9.0nm,1.0s,mb4.8			pmax	pmax
LSZ	Lusaka	65.62 229	eP	P	15 40 12.6 +0.8
LSZ	comp=Z,2.9nm,0.6s,mb4.5,slow=8.0,SNR=7.8			pmax	pmax
LSZ	Lusaka	65.62 229	eP	P	15 40 11.0 -0.8
LSZ	comp=Z,5.0nm,0.7s,mb4.7			pmax	pmax
LSZ	Lusaka	65.62 229	eP	P	15 40 11.0 -0.8
LSZ	comp=Z,4.6nm,0.7s,mb4.6			pmax	pmax
TOAO	Torodi Ar. Sit	67.89 271	eP	P	15 40 25.1 -1.4
TORD	Torodi Ar. Bea	67.89 271	eP	P	15 40 25.4 -1.0
TORD	comp=Z,15nm,0.7s,mb5.1,baz=46,slow=5.6,SNR=98			pmax	pmax
IMAZ	Imai Mountain	73.49 18	eP	P	15 40 55.4 -4.3
LBTB	Lobatsche	74.61 224	eP	P	15 41 06.2 -0.6
LBTB	comp=Z,6.0nm,0.5s,mb4.8			pmax	pmax
LBTB	Lobatsche	74.61 224	eP	P	15 41 06.2 -0.6
LBTB	comp=Z,6.2nm,0.5s,mb4.8			pmax	pmax
TSUM	Tsumeb	75.37 234	eP	P	15 41 11.6 +0.3
TSUM	comp=Z,9.1nm,0.6s,mb4.9			pmax	pmax
INK	Inuvik	75.65 10	eP	P	15 41 11.7 -0.5
INK	comp=Z,1.0nm,0.6s			pmax	pmax
COLA	College	75.91 17	eP	P	15 41 13.7 -0.1
COLA	Dimbokro	76.80 269	eP	P	15 41 18.9 -0.8
COLA	comp=Z,6.5nm,0.9s,mb4.5,baz=40,slow=7.6,SNR=5.8			pmax	pmax
DBIC	Dimbokro	76.80 269	eP	P	15 41 18.9 -0.8
DBIC	comp=Z,7.0nm,0.9s			pmax	pmax
LIC	Lamto	77.19 269	eP	P	15 41 21.1 -0.8
LIC	comp=Z,2.4nm,0.8s,mb4.8			pmax	pmax
LIC	Lamto	77.19 269	eP	P	15 41 21.1 -0.8
LIC	comp=Z,1.2nm,0.8s,mb4.9			pmax	pmax
EGAK	Eagle	77.49 15	eP	P	15 41 23.3 +0.6
EGAK	comp=Z,7.4nm,1.1s,mb4.5			pmax	pmax
BOSA	Boshof	77.57 222	eP	P	15 41 23.1 -0.5
BOSA	comp=Z,2.8nm,1.4s,mb3.9,baz=16,slow=4.3,SNR=11			pmax	pmax
BOSA	Boshof	77.57 222	eP	P	15 41 23

8d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Warramunga Arr, Forrest, FITZ, MBWA.

ISCJB 08 17:10:36.6,0.3, 5953N,1004:15251W,007,h86km,5km, mb4.0/5, Error ellipse: s-maj=7.2km s-min=5.1km az=139.9

IDC 08 17:10:36.9,3.4, 5961N:15283W, h56km,49km, mb3.7/5, mb1 3.7/7, mb1mx3.4/23, mbtmpt3.6/7, ML3.6/2, Error ellipse: s-maj=40.7km s-min=16.2km az=121.0

NEIC 08 17:10:38.8, 5948N:15250W, h64km, ML3.7(AEIC), ML4.1(PMR), After AEIC.

NEIC Felt at Homer. ISC 08 17:10:38.0,0.3, 5951N:1004:15249W,007,h78km,5km, n46,c087/48,mb4.0/5, Southern Alaska

Main station list for the first section, including stations like AUL, SKLM, SEW, KODAK, etc.

TEH 08 17:12:01.9, 3220N:4990E, h12km, ML3.8

ISCJB 08 17:12:41.3,0.4, 3222N:003:4990E,004,h10km, Error ellipse: s-maj=5.5km s-min=3.8km az=39.8

CSEM 08 17:12:41.0,0.1, 3216N:4987E, h20km, ML3.8, Error ellipse: s-maj=2.9km s-min=1.6km az=24.0

THR 08 17:12:41.4, 3, 3227N:4992E, h14km, 10km, ML3.7

SGS 08 17:12:43.9, 3205N:4983E, h24km

ISC 08 17:12:42.3,0.3, 3221N:003:4992E,004,h10km, n34,c107/42, Western Iran

Main station list for the second section, including stations like IPH, SHGR, IKLH, etc.

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Table with columns: RDF, AI-Radifach, 3.85 213 eP, Pn, 17 13 42.6 +0.9. Includes stations like ISRV, IAFJ, IMOK, etc.

NIED 08 17:30:00, 2550N:141 60E, h8km, Mw4.2 Best double couple: M2-2200x1015, NP1:0.137,0000°, 690,00000°, 0.000000°, NP2:0.227,0000°, 860,00000°, 1,180,00000°.

IDC 08 17:31:00.2,0.8, 2656N:14155E, h63km,8km, mb3.3/1, mb1 3.5/5, mb1mx3.3/19, mbtmpt3.3/5, MS3.3/8, Ms1 3.3/8, ms1mx3.1/34, Error ellipse: s-maj=43.0km s-min=7.1km az=108.0, Volcano Islands region

Main station list for the third section, including stations like CBIJ, JHJ, MJAR, etc.

NEIC 08 17:31:48.5, 2967S:7070W, h5km, ML3.5(GUC), After GUC.

GUC 08 17:31:48.5,0.4, 2967S:7070W, h5km,3km, MD3.8, ML3.5, 3C, Central Chile

Main station list for the fourth section, including stations like TLL, LSCH, LCO, etc.

BUI 08 17:43:18.3, 611S:151 93E, h17km, mb5.0, mb4.8, Ms4.7, Ms2.4

GCMT 08 17:43:20.4,0.2, 642S:151 67E, h12km, MW5.0/5, Moment Tensor Solution. 843,699; s75,321; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.21e-06;

M2-451; 07; Mw=0.72; 09; Me=0.72; 24; Mw1.60; 06; Ms=0.88; 27; Best double couple: M3:5.0400x10^16

NP1=0.246,00000°, 836,00000°, -79,000000°. NP2: 0.5200000°, 854,00000°, -98,000000°. Principal axes: T 3.5850, Plg9.0000°. Azm148.00000°. N-0.1640, Plg6.00000°. Azm57.00000°. P -3.4240, Plg79.00000°, Azm292.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 08 17:43:20.4,0.1, 622S:151 54E, h10km, mb5.1/38, MS4.5/1 Error ellipse: s-maj=5.8km s-min=4.1km az=113.0

ISCJB 08 17:43:20.0,0.2, 623S:004:151 46E,003,h13km, mb5.0/65, MS4.1/34, Error ellipse: s-maj=5.5km s-min=4.1km az=165.8

MOS 08 17:43:23.8,0.9, 611S:151 33E, h34km, mb5.1/19, MS4.3/5, Error ellipse: s-maj=12.5km s-min=7.6km az=90.8

IDC 08 17:43:25.1,0.5, 627S:151 53E, h41km,3km, mb4.6/22, mb1 4.6/24, mb1mx4.6/25, mbtmpt4.6/24, ML4.3/2, MS3.9/18, Ms1 3.9/18, ms1mx3.8/30, Error ellipse: s-maj=16.2km s-min=11.1km az=105.0

ISC 08 17:43:21.9, 1.6, 625S:004:151 51E,003,h16km,9km, h11,4km,1.9km, p-P, n410,c0977/301, mb5.0/65, MS4.1/34, 90C-82D, New Britain region

Main station list for the fifth section, including stations like HNR, HNR, HNR, etc.

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Main station list for the sixth section, including stations like GUMO, GUMC, WRAB, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like G09A Cove, R09A Tonopah, O09A Fish Creek Ran, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like NOA comp=2.0,8nm,0.6s, PLCA Paso Flores, KOLS Kolonick sedl, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like comp=2.9,6nm,1.0s, SJPF Ste Jean, VJA Florida, etc.

8d 21h

Table of station data for 8d 21h, including columns for station name, frequency, time, and other parameters.

2007 JUN

Main table of station data for 2007 JUN, including columns for station name, frequency, time, and other parameters.

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Table of station data for 248, including columns for station name, frequency, time, and other parameters.

ISCJB 08:20:41:15.2:3.7, 1196S:009.1665E:02, h149km, 28km, mb4.4/21, Error ellipse: s-maj=35.0km s-min=14.2km az=5.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

CSEM 08 21:18:26.0-0.1, 3905N-2586E, h2km, MD3.2, Error ellipse: s-maj=1.6km s-min=1.3km az=31.0

ATH 08 21:18:26.6, 3907N-2586E, h27km, 2km, MD3.2/5

ISC 08 21:18:26.8, 3913N-2594E, h5km, MD3.3

NEIC 08 21:18:26.0, 3909N-2580E, h5km, MD3.2(A,TH), MD3.3(ISK), After ISK

ISCJB 08 21:18:26.3-0.5, 3907N-002-2580E-003, h67km, 4km, Error ellipse: s-maj=4.5km s-min=3.3km az=147.3

THE 08 21:18:27.2, 3908N-2591E, h7km, ML3.3

ISC 08 21:18:26.9-0.5, 3907N-002-2578E-003, h7km, 4km, n42, s103/54, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Parasekio, CHOS Chios Island, EZN Ezine, etc.

ISCJB 08 21:31:26.9-0.9, 5037N-007-1568E-01, h67km, 6km, mb3.7/7, Error ellipse: s-maj=15.2km s-min=5.4km az=138.8

MOS 08 21:31:26.2-0.9, 5035N-1569E, h54km, mb4.1/4, Error ellipse: s-maj=23.9km s-min=8.3km az=68.7

NEIC 08 21:31:27.8-1.4, 5046N-1564E, h66km, 13km, Error ellipse: s-maj=24.4km s-min=11.1km az=135.0

KRSC 08 21:31:27.9-1.2, 5044N-1570E, h99km, 37km, ML4.6

IDC 08 21:31:30.7-2.1, 5051N-1564E, h99km, 20km, mb3.5/6, mb1.3/7, mb1mx3.4/24, mbtm3.4/9, MS3.0/2, Ms1.3/0/2, ms1mx2.5/29, Error ellipse: s-maj=26.4km s-min=14.2km az=132.0

ISC 08 21:31:28.2-0.8, 5040N-007-1567E-01, h63km, 7km, n40, s131/45, mb3.8/7, 5C-1D, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Kurubetogovo, YBTR Yuzh-Sakhalins, ASAJ Asahikawa, etc.

NNC 08 21:44:13.9-3.9, 4237N-8544E, h0km, mb3.4, mpv3.4, Error ellipse: s-maj=4.1km s-min=27.6km az=115.0

BUJ 08 21:44:17.2, 4229N-8481E, h15km, ML3.0, 3C-5D, Northern Xinjiang

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

NEIC 08 21:57:33.3, 5316N-16673W, h21km, ML3.6(AE(C), After AEIC, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UNV Unalaska Valle, AKGV Akutan Long Va, AKLV Akutan Green G, etc.

TORD Torodi Ar. Bea 41.53 81 P P 22 09 10.0 -1.1

ESDC comp=Z, 346nm, 20.3s, MS4.3, b24=245, slow=31 LR 22 24 15.8

TKL Tuckaleechee C 47.16 310 LR LR 22 25 26.9

TEIG Tepich comp=Z, 197nm, 19.7s, MS4.1, b24=294, slow=34 LR 22 27 54.9

SCHO Schrefferville 49.26 340 P P 22 27 56.1 -0.2

KEST Kesra 52.25 52 LR LR 22 30 09.9

PLCA Paso Flores 57.10 207 LR LR 22 38 19.7

ULM Lac du Bonnet 60.98 323 P P 22 41 35.2 -1.3

TXAR Lajitas Array 62.05 298 P P 22 41 43.8 -0.4

TXAR comp=Z, 188nm, 21.3s, MS4.2, b24=245, slow=34 LR 22 36 57.0

NB2 NORSTAR Subarra 63.91 25 P P 22 41 57.1 +1.2

NOA NORSTAR Ar B 63.91 25 P P 22 41 56.1 +0.2

LPIG La Paz 67.80 292 LR LR 22 44 04.4

AKASO comp=Z, 158nm, 21.4s, MS4.2, b24=245, slow=34 LR 22 40 41.2

FINES FINESS Array B 70.66 28 P P 22 42 39.4 +0.7

ARCES ARCESS Array B 79.23 20 P P 22 42 52.3 +0.1

BOSA Boshof 73.85 123 P P 22 42 58.5 +0.1

YKA Yellowknife Ar 74.33 332 P P 22 42 59.7 -1.4

KMBO Kilima Mbojo 78.13 93 LR LR 22 42 59.2 -1.4

INR Inuvik 82.40 338 P P 22 43 44.8 -0.4

AKTK Aktyubinsk 88.19 39 P P 22 44 14.9 +0.5

AKTO Aktyubinsk 88.19 39 P P 22 44 14.9 +0.5

NIED 08 22:02:00, 4650N-15300E, h5km, Mw4.3 Best double couple: M=3.7400x10^15 NIP2=209.00000, delta=16.00000, 1.46.00000

ISCJB 08 22:02:42.7-0.5, 4625N-007-15268E-009, h33km, mb3/56, MS3.5/6, Error ellipse: s-maj=12.9km s-min=4.2km az=138.0

SZGRF 08 22:02:42.1, 4626N-15335E, h33km, mb4.3, East of Kuril Islands, Russia

BUJ 08 22:02:42.6, 4655N-15315E, h53km, mb4.8, mb4.5, Ms3.7, Msz3.6

IDC 08 22:02:43.6-0.7, 4627N-15298E, h39km, 6km, mb3.7/6, mb1.3/9, mb1mx3.8/26, mbtm3.7/19, ML3.6/3, MS3.2/4, Ms1.3/2/4, ms1mx2.8/35, Error ellipse: s-maj=17.8km s-min=14.4km az=126.0

MOS 08 22:02:43.0-1.1, 4630N-15284E, h35km, mb4.6/24, Error ellipse: s-maj=11.9km s-min=7.1km az=112.0

NEIC 08 22:02:43.6-0.5, 4626N-15292E, h35km, mb4.6/14, Error ellipse: s-maj=13.7km s-min=8.3km az=134.0

SKHL 08 22:02:45.6-3.9, 4672N-15292E, h82km, 27km, mb4.7/1, msh5.8/3

ISC 08 22:02:40.3-1.7, 4628N-006-15302E-008, h10km, 10km, h39km, 6km, pp-P, n156, s102/165, mb4.3/56, MS3.5/6, 12C-6D, Kuril Islands

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

KURBB 2.7nm,0.6s 00 04 09.0
KURK Kurchatov 8.15 329 Pn 00 01 47.0 -0.2
KURK 8.5nm,0.7s 00 04 07.9

KRSC 09 00:09:51.1+1.3,5559N.16163E,h89km,78km,ML3.6,
Near east coast of Kamchatka Peninsula
Code Station Name Az AZ Phase ID Time Res
ZLN Zelenaya 0.63 313 Op ISC h m s ISC
ZLN 00 10 08.3 +1.5

NEIC 09 00:56:56.7,1707N,100.17W,h29km,MD3.8(MEX),After
MEX.
MEX 09 00:56:56.4+1.1,1705N,100.15W,h29km,10km,MD3.9,

Code Station Name Az AZ Phase ID Time Res
CAIG El Cayaco 0.11 268 i P Pb 00 56 60.0 -1.8
CAIG 00 57 04.1 -1.2
ACX Acapulco 0.29 129 i P Pb 00 57 02.6 -1.1

IDC 09 00:56:59.8-5.2,3923N,68.12E,h0km,mb3.2/1,mb1.3/4,3,
mb1mx3.1/24,mbtmp3.4/3,ML3.0/1,Error ellipse:
s-maj=233.9km s-min=23.9km az=149.0

Code Station Name Az AZ Phase ID Time Res
THN Thein Dam 5.50 142 e P Pn 00 58 28.4 +1.7
THN 00 59 30.0 -0.3
AML Almayashu 5.51 16 Pn 00 58 26.6 +0.1

IDC 09 01:31:53.0-0.6,2483N,4588W,h0km,mb4.2/17,
mb1.4/17,mb1mx4.2/25,mbtmp4.2/17,MS4.0/24,
Ms1.4/0.24,ms1mx3.9/28,Error ellipse: s-maj=18.0km

Code Station Name Az AZ Phase ID Time Res
KHEH Khetri 9.40 157 e S Sn 01 00 55.9 -6.7
KUDL Kundal 9.56 154 e S Sn 01 00 57.0 -6.7
SONA Sohna 9.68 150 e S Sn 01 00 58.2 -7.0

KRSC 09 00:59:35.9-0.2,5433N.15932E,h197km,26km,ML3.7,
Near east coast of Kamchatka Peninsula
Code Station Name Az AZ Phase ID Time Res
KII Karymskiy 1.03 166 e P Pn 01 00 03.1 +1.1
GNL Ganaly 0.30 233 e P Sn 01 00 06.2 +0.7

WEL 09 01:06:42.1-0.2,4040S,17465E,h63km,4km,ML3.7/18,
Error ellipse: s-maj=1.3km s-min=0.7km az=90.0,Cook
Strait

Code Station Name Az AZ Phase ID Time Res
KIW Kapiti Island 0.51 157 Pn Pn 01 06 54.2 -0.3
XIV North Egmont 0.67 156 Pn Pn 01 07 03.0 +0.1
WAZ Wanganui 0.69 122 SN Sn 01 07 05.4 0.0

IDC 09 01:31:53.0-0.6,2483N,4588W,h0km,mb4.2/17,
mb1.4/17,mb1mx4.2/25,mbtmp4.2/17,MS4.0/24,
Ms1.4/0.24,ms1mx3.9/28,Error ellipse: s-maj=18.0km

Code Station Name Az AZ Phase ID Time Res
MTP Monte Pirata 19.47 254 e P Pn 01 36 24.9 +1.4
CPD Cerro la Pandu 19.81 254 e P Pn 01 36 25.2 -2.4
CPD 19.81 254 e P Pn 01 36 25.2 -2.4

CCM comp=Z.150nm,20.8s,MS3.8,baz=183,slow=33
CCM Cathedral Cave 40.50 300 e P Pmax 01 39 33.9 -0.5

CCM comp=Z.6.0nm,1.0s,mb4.3
CCM Cathedral Cave 40.50 300 e P Pmax 01 39 33.9 -0.4
QUIF Quistic 40.71 44 e P P 01 39 35.6 -0.4

WEL 09 01:06:42.1-0.2,4040S,17465E,h63km,4km,ML3.7/18,
Error ellipse: s-maj=1.3km s-min=0.7km az=90.0,Cook
Strait

Code Station Name Az AZ Phase ID Time Res
GRR Gorron 42.33 44 e P P 01 39 48.8 -0.4
GRR 42.33 44 e P Pmax 01 39 48.8 -0.4
GRR comp=Z.9.0nm,1.1s,mb4.3
GRR Gorron 42.33 44 e P Pmax 01 39 48.8 -0.4

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Table with columns: 9d SNGE, Sanandaj, 3.22 323 ePn, Pn, 05 09 23.8 -0.9, 05 10 26.4, etc.

Table with columns: OBN Obninsk, 24.41 342 P, P, 05 13 52.0 -0.5, etc.

Table with columns: BNI Bardonecchia, 35.38 303 eP, P, 05 15 32.4 +2.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FLN, GTA, GRR, SJPF, SGMF, GORR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Y19A, X14A, X13A, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like W19A, X14A, X13A, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Champ du Feu, Strasbour, Refroy, Echery, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like baz=44, LOR, DAVA, GTTG, IBBN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Plagne, WTTA, WTTA, WTTA, etc.

Table listing stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like GRR, MOA, PTCC, MFF, etc.

Table listing stations for NEIC 09 05:50:43.4, 54.46N;132.25W, h14km, ML2.7(AEIC), PGC 09 05:50:43.4, 54.46N;132.25W, h14km, ML2.8, 6/D, Region Queen Charlotte Islands.

Table listing stations VIB, DIB, MOBC, GNB, BNB, WRAK, SIT, BBB, DLBC, PNC, etc.

Table listing stations SHGR, SHGR, SHGR, SHGR, ASAO, NASN, NASN, NASN, SHGR, UMR, NAY, NAY, NAY, RDF, RDF, RDF, RDF, WEL, etc.

Table listing stations MXZ, URZ, URZ, MWZ, MWZ, PUZ, KNUZ, BKZ, OTVZ, TUVZ, FWZ, WNVZ, MOVZ, PKVZ, MTVZ, KAHZ, PXZ, WPHZ, TSZ, WAZ, MRZ, TIWZ, KIWZ, MTW, CAW, MRW, MSWZ, SNZ, TCW, PLWZ, TUWZ, NNZ, QRZ, THZ, KHZ, DSZ, etc.

Table listing stations CSEM, THR, KISR, ISC, etc. and stations for WEL 09 06:27:21.6, 0.6, 3697S, 17696E, h220km, 4km, ML3.6/14, etc.

Table listing stations VHO, CNCH, TGUH, UTMU, TTRC, TEIG, TEIG, PPM, PPM, PPM, TXAR, MIAR, GD2L, MNXT, AMTX, SDV, ANMO, TUC, SDCO, PFO, PDAR, REDW, SNOW, NVAR, LOHW, TPWA, MOOW, IMW, YMR, MCMT, DLMT, CHMT, SHIV, YKA, YKA, etc.

Table listing stations IDC, NEIC, ISC, etc. and stations for IDC 09 06:55:13.7, 1.4, 580S;130.96E, h0km, mb4.3/4, mb1.4/2,7, etc.

Table listing stations NEIC, MEX, etc. and stations for NEIC 09 07:00:38.1, 1630N;98.27W, h8km, MD3.8(MEX), After MEX, MEX 09 07:00:43.1, 0.7, 1646N;98.18W, h20km, 38km, MD3.9, Near coast of Guerrero.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Viseu, Komasi, Na'in, Sanandaj, Umm Al-Rimman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IZEF, IKOM, IKOM, Komasi, etc.

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

9d 8h

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ROSF	comp=Z,4.0nm,0.8s,mb4.4					
ROSF	Rostrénen 81.18 345 eP	P			07 30 26.8 +0.4	
AVF	comp=Z,4.3nm,0.8s,mb4.4					
AVF	Avril sur Loir 81.39 341 eP	P			07 30 27.7 +0.2	
AVF	Avril sur Loir 81.39 341 eP	P			07 30 27.7 +0.2	
AVF	comp=Z,3.2nm,0.8s,mb4.3					
AVF	Avril sur Loir 81.39 341 eP	P			07 30 27.7 +0.2	
SMF	Signal de Mont 81.42 340 eP	P			07 30 27.9 +0.2	
QUIF	Quistinic 81.57 345 eP	P			07 30 28.6 +0.2	
QUIF	comp=Z,4.4nm,0.9s,mb4.2					
QUIF	Quistinic 81.57 345 eP	P			07 30 28.6 +0.2	
QUIF	comp=Z,3.0nm,0.9s,mb4.2					
QUIF	Quistinic 81.57 345 eP	P			07 30 28.6 +0.2	
LPL	comp=Z,2.9nm,0.9s,mb4.5					
LPL	La Plagne 81.80 338 eP	P			07 30 30.9 +1.2	
LPL	La Plagne 81.80 338 eP	P			07 30 30.9 +1.2	
LPL	comp=Z,4.0nm,0.7s,mb4.5					
LPL	La Plagne 81.80 338 eP	P			07 30 30.9 +1.2	
LPG	comp=Z,4.3nm,0.7s,mb4.5					
LPG	La Plagne 81.82 338 eP	P			07 30 31.1 +1.3	
LPG	comp=Z,10.0nm,0.7s,mb4.2					
LPG	La Plagne 81.82 338 eP	P			07 30 31.1 +1.3	
LPG	comp=Z,5.0nm,0.7s,mb4.5					
LPG	La Plagne 81.82 338 eP	P			07 30 31.1 +1.3	
TCF	comp=Z,2.0nm,0.7s,mb4.2					
TCF	Toux Ste Croix 82.11 341 eP	P			07 30 31.7 +0.4	
TCF	comp=Z,2.0nm,1.0s,mb4.3					
TCF	Toux Ste Croix 82.11 341 eP	P			07 30 31.7 +0.4	
MFF	comp=Z,3.5nm,1.0s,mb4.2					
MFF	Saint Martin d 82.29 343 eP	P			07 30 32.7 +0.4	
MFF	comp=Z,4.9nm,0.7s,mb4.5					
MFF	Saint Martin d 82.29 343 eP	P			07 30 32.7 +0.4	
MFF	comp=Z,2.0nm,0.7s,mb4.5					
MFF	Saint Martin d 82.29 343 eP	P			07 30 32.7 +0.4	
MFF	comp=Z,2.0nm,0.6s,mb4.3					
MFF	Saint Martin d 82.29 343 eP	P			07 30 32.7 +0.4	
ORIF	comp=Z,4.4nm,0.6s,mb4.5					
ORIF	Oris-en-Rattie 82.57 338 eP	P			07 30 34.7 +0.9	
ORIF	comp=Z,2.9nm,1.8s					
ORIF	Oris-en-Rattie 82.57 338 eP	P			07 30 34.7 +0.9	
ORIF	comp=Z,2.0nm,0.6s,mb4.3					
ORIF	Oris-en-Rattie 82.57 338 eP	P			07 30 34.7 +0.9	
VIVF	comp=Z,2.6nm,0.8s,mb4.4					
VIVF	Saint-Julien- 82.92 339 eP	P			07 30 36.3 +0.7	
VIVF	comp=Z,6.6nm,0.8s,mb4.4					
VIVF	Saint-Julien- 82.92 339 eP	P			07 30 36.3 +0.7	
VIVF	comp=Z,3.0nm,0.8s,mb4.4					
VIVF	Saint-Julien- 82.92 339 eP	P			07 30 36.3 +0.7	
RJF	comp=Z,3.3nm,0.8s,mb4.4					
RJF	Les Rejaudoux 83.20 341 eP	P			07 30 37.5 +0.5	
RJF	comp=Z,7.8nm,1.0s,mb4.4					
RJF	Les Rejaudoux 83.20 341 eP	P			07 30 37.5 +0.5	
RJF	comp=Z,3.8nm,1.7s					
RJF	Les Rejaudoux 83.20 341 eP	P			07 30 37.5 +0.5	
RJF	comp=Z,4.0nm,1.0s,mb4.5					
RJF	Les Rejaudoux 83.20 341 eP	P			07 30 37.5 +0.5	
RJF	comp=Z,4.0nm,1.0s,mb4.4					
RJF	Les Rejaudoux 83.20 341 eP	P			07 30 37.5 +0.5	
CAF	comp=Z,4.0nm,1.7s					
CAF	Calviac 83.44 341 eP	P			07 30 38.3 +0.1	
CAF	comp=Z,9.0nm,1.0s,mb4.5					
CAF	Calviac 83.44 341 eP	P			07 30 38.3 +0.1	
CAF	comp=Z,5.0nm,1.0s,mb4.5					
CAF	Calviac 83.44 341 eP	P			07 30 38.3 +0.1	
SMRF	comp=Z,4.5nm,1.0s,mb4.5					
SMRF	Simiane la Rot 83.53 338 eP	P			07 30 39.5 +0.8	
SMRF	comp=Z,4.8nm,0.8s,mb4.4					
SMRF	Simiane la Rot 83.53 338 eP	P			07 30 39.5 +0.8	
FRF	comp=Z,4.8nm,0.8s,mb4.7					
FRF	La Foret Royal 83.66 337 eP	P			07 30 39.4 +0.0	
FRF	comp=Z,4.7nm,0.8s,mb4.5					
FRF	La Foret Royal 83.66 337 eP	P			07 30 39.4 +0.0	
FRF	comp=Z,4.0nm,0.9s,mb4.5					
FRF	La Foret Royal 83.66 337 eP	P			07 30 39.4 +0.0	
FRF	comp=Z,3.8nm,0.9s,mb4.5					
FRF	La Moure 83.91 337 eP	P			07 30 40.3 -0.3	
FRF	comp=Z,1.6nm,1.1s,mb4.7					
FRF	La Moure 83.91 337 eP	P			07 30 40.3 -0.3	
LMR	comp=Z,2.8nm,1.1s,mb4.8					
LMR	La Moure 83.91 337 eP	P			07 30 40.3 -0.3	
PGF	comp=Z,7.8nm,1.1s,mb4.8					
PGF	Pioffiola 83.83 335 eP	P			07 30 40.2 -0.8	
PGF	comp=Z,6.4nm,0.8s,mb4.5					
PGF	Pioffiola 83.83 335 eP	P			07 30 40.2 -0.8	
PGF	comp=Z,3.0nm,0.8s,mb4.5					
PGF	Pioffiola 83.83 335 eP	P			07 30 40.2 -0.8	
MTLF	comp=Z,2.2nm,0.5s,mb4.2					
MTLF	Montolio 84.92 340 eP	P			07 30 46.4 +0.6	
MTLF	comp=Z,2.2nm,0.5s,mb4.2					
MTLF	Montolio 84.92 340 eP	P			07 30 46.4 +0.6	
MTLF	comp=Z,1.1nm,0.5s,mb4.3					
MTLF	Montolio 84.92 340 eP	P			07 30 46.4 +0.6	
SJPF	comp=Z,1.1nm,0.5s,mb4.3					
SJPF	Ste Jean 85.86 343 eP	P			07 30 49.5 -0.9	
EVO	comp=Z,4.1nm,0.8s,mb4.4					
EVO	Evora 91.49 347 eP	P			07 31 17.5 +0.2	
EVO	comp=Z,3.5nm,1.9s					
EVO	Evora 91.49 347 eP	P			07 31 17.5 +0.2	
CPUP	comp=Z,2.1nm,0.5s,baz=27.2,slow=1.7,SNR=6.2					
CPUP	Villa Florida 146.31 59 PKPbc PKPbc	P			07 37 49.5 -1.8	
CPUP	comp=Z,1.1nm,0.5s,baz=172,slow=1.7,SNR=6.2					
CPUP	Villa Florida 146.31 59 PKPbc PKPbc	P			07 37 49.5 -1.8	
CPUP	comp=Z,1.0nm,0.5s					

CSEM 09 07:19:49.9.0.1,3847N;3195E,h8km,MD3.0,Error ellipse: s-maj=4.0km s-min=2.5km az=60.0
 ISK 09 07:19:49.6,3845N;3191E,h6km,MD2.9
 ISCJB 09 07:19:50.7.0.6,3846N;003.3195E,005,h10km,Error ellipse: s-maj=5.8km s-min=4.6km az=144.7
 DDA 09 07:19:50.6,3850N;3190E,h7km,MD3.0
 ISC 09 07:19:50.9.0.6,3846N;004.3191E,005,h8km,9gkm,n10,
 c=60/16,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KDHN	Kadinhani 1.07 68 iS	Pg			07 19 54.5 +0.1	
KDHN	Kadinhani 1.07 68 iS	Pg			07 19 54.5 +0.1	
KIZT	Kizilcal 0.42 157 ePg	Pg			07 19 58.5 -0.6	
KIZT	Kizilcal 0.42 157 ePg	Pg			07 19 58.5 -0.6	
KONT	Konya-Tatoy 0.62 145 ePg	Pg			07 20 04.5 +0.2	
KONT	Konya-Tatoy 0.62 145 ePg	Pg			07 20 04.5 +0.2	
KONT	Konya-Tatoy 0.62 145 ePg	Pg			07 20 04.5 +0.2	
SHUT	Suhut-Afyon 1.07 276 ePg	Pg			07 20 10.2 -1.3	
TKPT	Teketepe 1.32 252 iS	Pg			07 20 15.7 +0.3	
TKPT	Teketepe 1.32 252 iS	Pg			07 20 15.7 +0.3	
TKPT	Teketepe 1.32 252 iS	Pg			07 20 15.7 +0.3	
ESKT	Eskisehir 1.35 322 iS	Pg			07 20 34.1 +0.0	
ESKT	Eskisehir 1.35 322 iS	Pg			07 20 34.1 +0.0	
SEYT	Eskypehyr 1.35 322 iS	Pg			07 20 16.2 +0.3	
SEYT	Eskypehyr 1.35 322 iS	Pg			07 20 16.2 +0.3	
ALD	Altintas 1.53 294 ePn	Pn			07 20 18.2 -0.2	
ALD	Hadim 1.56 163 ePn	Pn			07 20 19.1 +0.2	
NEIC 09 07:28:06.2,3818S;-17626E,h162km,MG4.1(WEL),After WEL. WEL 09 07:28:06.0.0.5,3817S;-17626E,h163km,ML3.9/18, Error ellipse: s-maj=2.0km s-min=1.8km az=0.0,North Island						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TAZ	Tarawera 0.21 109 P	Pn			07 28 28.2 +0.3	

2007 JUN

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TAZ	Tarawera 0.21 109 Pn	Pn			07 28 28.2 +0.4	
MARZ	Manawaha 0.38 61 P	Pn			07 28 28.4 +0.0	
MARZ	Manawaha 0.38 61 Pn	Pn			07 28 28.4 +0.0	
TGRZ	Tauranga 0.43 0 P	Pn			07 28 28.4 +0.2	
TGRZ	Tauranga 0.43 0 Pn	Pn			07 28 28.4 +0.2	
WHITZ	Whakaora 0.55 205 P	Pn			07 28 29.6 +0.6	
WHITZ	Whakaora 0.55 205 Pn	Pn			07 28 29.6 +0.6	
URZ	Urewera 0.68 98 P	Pn			07 28 29.1 -0.7	
URZ	Urewera 0.68 98 Pn	Pn			07 28 29.1 -0.7	
WATZ	Wairara 0.68 217 P	Pn			07 28 30.0 +0.2	
WATZ	Wairara 0.68 217 Pn	Pn			07 28 30.0 +0.2	
HAIZ	Haneaiaia 0.74 190 P	Pn			07 28 30.1 +0.0	
HAIZ	Haneaiaia 0.74 190 Pn	Pn			07 28 30.1 +0.0	
RATZ	Rangitukua 0.80 208 P	Pn			07 28 30.5 0.0	
RATZ	Rangitukua 0.80 208 Pn	Pn			07 28 30.5 0.0	
RITZ	Rihia Road 0.87 201 P	Pn			07 28 31.5 +0.5	
RITZ	Rihia Road 0.87 201 Pn	Pn			07 28 31.5 +0.5	
KATZ	Kakarama 0.92 208 P	Pn			07 28 31.7 +0.3	
KATZ	Kakarama 0.92 208 Pn	Pn			07 28 31.7 +0.3	
BKZ	Black Stump Fm 1.02 170 P	Pn			07 28 32.2 +0.1	
BKZ	Black Stump Fm 1.02 170 Pn	Pn			07 28 32.2 +0.1	
KRVZ	Karewarewa 1.05 207 Pn	Pn			07 28 32.4 0.0	
KRVZ	Karewarewa 1.05 207 Pn	Pn			07 28 32.4 0.0	
WTWZ	West Tongariro 1.08 209 P	Pn			07 28 32.8 +0.1	
WTWZ	West Tongariro 1.08 209 Pn	Pn			07 28 32.8 +0.1	
OTVZ	Otaurea 1.10 205 Pn	Pn			07 28 33.3 +0.4	
OTVZ	Otaurea 1.10 205 Pn	Pn			07 28 33.3 +0.4	
TWVZ	Taurewa 1.11 215 Pn	Pn			07 28 33.0 +0.1	
TWVZ	Taurewa 1.11 215 Pn	Pn			07 28 33.0 +0.1	
NGZ	Ngarurhoe 1.13 207 Pn	Pn				

NEIC 09 08:35:34.1±2.0, 4692N:15271E, h107km, 19km, mb4.7/1, Error ellipse: s-maj=17.8km s-min=14.0km az=113.0

ISC 09 08:35:30.4±1.1, 470N:01:1528E, 01, h68km, 9km, m3.4, ±102/36, mb3.6/3, 1C, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Kuril'sk, Severo-Kuril's, Petropavlovsk, Yuzh-Sakhalins, etc.

ISC/JB 09 08:50:42.3±0.8, 3402N:005:4852E, 007, h10km, Error ellipse: s-maj=10.2km s-min=5.5km az=36.2

THR 09 08:50:45.5±0.5, 3415N:4856E, h14km, g6km, ML3.2

CSEM 09 08:50:45.5±0.5, 3415N:4856E, h14km, ML3.2, After THR

ISC 09 08:50:43.9±1.0, 3407N:007:4852E, 008, h14km, 12km, n9, ±077/11, Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Ashtian, Sanandaj, Shiraz, etc.

KRSC 09 09:01:20.9±0.8, 5349N:16322E, h38km, 38km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Mys Kozlova, Mys Shipunski, etc.

NEIC 09 09:14:48.4, 1758N:9512W, h125km, MD4.2(MEX), After MEX.

MEX 09 09:14:47.9±0.8, 1758N:9512W, h129km, 7km, MD4.2, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Matias Romero, Tuzandepeti, Oaxaca, Vista Hermosa, etc.

ISC 09 09:30:19.7±9.3, 3604N:6963E, h83km, 82km, mb3.4/7, mb1 3.4/9, mb1mx3.3/23, mbtm3.9/9, ML3.7/2, Error ellipse: s-maj=40.9km s-min=24.5km az=10.0

ISC/JB 09 09:30:28.0±0.5, 3658N:004:6968E, 006, h170km, 7km, mb3.4/6, Error ellipse: s-maj=8.7km s-min=5.6km az=164.1

NEIC 09 09:30:29.0±7.0, 3650N:6975E, h169km, 10km, mb4.5/5, Error ellipse: s-maj=13.0km s-min=8.7km az=70.0

NNC 09 09:30:34.7±1.0, 3707N:6935E, h150km, 175km, mb2.9, mpv3.5, Error ellipse: s-maj=93.4km s-min=51.6km az=24.0

ISC 09 09:30:29.9±0.5, 3657N:004:6971E, 007, h163km, 7km, n3, ±12/41, mb3.4/6, SC=4D, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Kabul, Almayashu, Thein Dam, Dalhousie, etc.

ISC 09 10:07:23.1±1.2, 6759N:3385E, ML2.5, mb1mx3.2/25, mbtm3.4/5, ML3.1/5, Error ellipse: s-maj=17.4km s-min=8.9km az=86.0

ISC 09 10:07:23.1±1.2, 6768N:003:338E, 02, h0km, n25, ±151/48, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Apatity Array, Apatity Array, etc.

WEL 09 09:42:02.5±0.5, 3763S:17663E, h183km, 4km, ML3.5/16, Error ellipse: s-maj=7.9km s-min=6.8km az=90.0, North

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Urewera, Matawai, Matakaoa Point, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Holdsworth Sta, Kapiti Island, Mount Morrison, etc.

ISC 09 09:57:19.8, 3769N:4407E, h5km, ML2.5, Turkey-Iran border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Hakkari, Hakkari, Vanab Van, etc.

DJA 09 10:01:21.264N:12627E, h21km, ML4.1/2

ISC 09 10:01:13.5±1.8, 183N:12447E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/18, mbtm3.7/3, Error ellipse: s-maj=177.5km s-min=24.0km az=64.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Warramunga Arr, Warramunga Arr, etc.

CSEM 09 10:06:56.2, 3961N:2933E, h19km, MD2.8, After ISK

ISC 09 10:06:56.2, 3961N:2933E, h19km, MD2.8

ISC/JB 09 10:06:57.5±0.8, 3966N:004:2949E, 009, h9km, 10km, Error ellipse: s-maj=11.5km s-min=7.1km az=171.0

ISC 09 10:06:58.0±0.8, 3966N:004:2949E, 009, h14km, 9km, n10, ±075/11, TD, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Gediz, Iznic, Altintas, etc.

CSEM 09 10:07:22.2±2.2, 6756N:3419E, h8km, ML2.4, Error ellipse: s-maj=54.6km s-min=28.0km az=93.0

HEL 09 10:07:22.7±0.3, 6767N:3397E, h0km, ML2.6, ML2.4(BER), ML2.5(NAO), Explosion

NAO 09 10:07:23.1±1.2, 6759N:3385E, ML2.5

ISC 09 10:07:24.0±1.7, 6772N:3385E, h0km, mb1 3.4/5, mb1mx3.2/25, mbtm3.4/5, ML3.1/5, Error ellipse: s-maj=17.4km s-min=8.9km az=86.0

ISC 09 10:07:23.1±1.2, 6768N:003:338E, 02, h0km, n25, ±151/48, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations like Apatity Array, Apatity Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JRY Ryogami san, JKT Katashina, JOD Odawara 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JYU Shimoda, BSO3 Boso 3, JFY Yanaizu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JHJ Hiraoka, JMAR Matsuhiro, MAJO Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JNU Nakatsu, ASAJ Asahikawa, ASAJ Asaj, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SONM Songino Array, ZALV Zalesovo Beam, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KADK Kodiak Island, TKM2 Tokmak 2, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YKA Yellowknife Ar, YKA Yellowknife Ar, JOF Joensuu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FINES FINES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NLC Nalytchevo, NVC Avacha, AVACHA Avacha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PET Petropavlovsk, PET comp=Z,90nm,0.5s, PET comp=N,201nm,0.4s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PET Petropavlovsk, PET Ganaly, PET Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GRL Gorelyy, GRL Malaya Ipe'l'ka, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ISJCJB 09 12:16:36.2,0.3,2384N,002x10341E,003,h10km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 09 12:16:37.8,0.7,2396N,103.12E,h0km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NEIC 09 12:16:39.4,0.4,2396N,103.15E,h10km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BJU 09 12:16:39.5,2402N,103.39E,h18km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PLV 09 12:16:41.8,1.5,2366N,103.38E,h0km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ARU Arti, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AKASA Malin Array B, FINES FINES Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KMLB Muntele Ross, KLMA Kilima Mbogo, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NB2 NORSAR Subarra, NOA NORSAR Array B, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include EKA Eskdalemuir Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ISJCJB 09 12:52:14.7,0.5,2114S,0.10,16882E,007,h33km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SZGRF 09 12:52:19.0,20.15S,17006E,h33km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GCMT 09 12:52:20.5,0.3,2102S,16882E,h18km, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TPNV Topopah Spring, WVOR Wild Horse Val, PLCA Paso Flores, etc.

GII 09 13:00:14.7z 1.7, 2983N:3615E, h0km, ML2.2/1, EXPLOSION

ISCJB 09 13:00:15.5z 1.0, 2983N:004z:3614E:007, h10km, Error ellipse: s-maj=9.2km s-min=4.9km az=10.3

SGS 09 13:00:15.2, 2998N:3608E, h6km

CSEM 09 13:00:15.2, 2998N:3608E, h6km, ML2.7, After SNSN

ISC 09 13:00:14.0z 1.1, 2981N:004z:3625E:007, h0km, n16, #098Z/2, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, HOLS La Foiniere, etc.

DJA 09 13:01:09, 101N:126.14E, h23km, ML4.1/2

IDC 09 13:01:02.5z 1.9, 084N:125.72E, h0km, mb3.7/3, mb1 4.0/3, s-maj=175.7km s-min=25.5km az=65.0, Northern Molucca Sea

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

ISCJB 09 13:09:02.1z 0.5, 51.17N:004z:130.14W:008, h10km, mb3.3/3, MS3.1/3, Error ellipse: s-maj=8.3km s-min=4.0km az=14.3

NEIC 09 13:09:02.3z 5.102N:130.36W, h10km, mb3.9/9, MW4.1(PGC), After PGC

PGC 09 13:09:02.3z 6.2, 51.02N:130.36W, h10km, ML3.5/11, MW4.1, 199km Wsw of Bella Bella, Bc Queen Charlotte Islands Region

IDC 09 13:09:06.0z 2.1, 51.11N:129.69W, h0km, mb3.4/3, mb1 3.8/7, mb1mx3.6/25, mbtmt3.5/7, ML3.5/5, MS3.2/6, Ms1 3.2/6, ms1mx3.0/22, Error ellipse: s-maj=20.0km s-min=11.7km az=86.0

ISC 09 13:09:06.3z 0.6, 51.22N:004z:129.83W:010, h10km, n53, #1540/57, mb3.3/3, MS3.1/3, 5D, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, HOLS La Foiniere, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HOLB Holberg, BBB Bella Bella, BBB Bella Bella, etc.

NNC 09 13:13:03.9z 0.6, 5000N:7859E, h0km, mb3.7, mpv2.6, 12C-9D, Error ellipse: s-maj=11.5km s-min=2.9km az=83.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KUR10 Kurchatov Arra, KUR08 Kurchatov Arra, etc.

CSEM 09 13:36:56.2z 0.2, 3402N:251.7E, h80km, MD3.7, Error ellipse: s-maj=7.4km s-min=3.5km az=77.0

HLW 09 13:36:57.1, 3409N:25.12E, h25km, MB3.6

ISCJB 09 13:36:57.2z 0.4, 3402N:003z:25.29E:005, h76km, 8km, mb3.3/4, Error ellipse: s-maj=7.6km s-min=4.9km az=149.3

IDC 09 13:36:58.3z 2.0, 3405N:25.22E, h51km, 20km, mb3.4/4, mb1 3.5/8, mb1mx3.3/25, mbtmt3.5/8, ML3.9/4, Error ellipse: s-maj=23.2km s-min=15.1km az=62.0

GII 09 13:36:59.0z 0.1, 3357N:26.13E, h0km, mb4.3/2, ML4.1/2

ISC 09 13:36:58.4z 0.4, 3403N:003z:25.22E:005, h57km, 9km, n40, #100/54, mb3.3/4, 1C-2D, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like XRY Khriisi, GVD Gavdhos, NPS Neapolis, etc.

CRAAG 09 13:45:05.7, 3555N:42.1E, M13.6

NEIC 09 13:45:08.5, 3579N:42.4E, h0km, MG4.0(MDD), After MDD

MDD 09 13:45:08.8z 1.0, 3572N:41.5E, h0km, mb4.0/7, Error ellipse: s-maj=16.2km s-min=5.7km az=1.0, PRXIMO

ISCJB 09 13:45:09.5z 0.7, 3593N:006z:39.8E:005, h10km, Error ellipse: s-maj=8.6km s-min=5.2km az=8.9

CSEM 09 13:45:09.9z 0.1, 3601N:39.9E, h10km, ML3.6, Error ellipse: s-maj=7.7km s-min=3.3km az=9.0

ISC 09 13:45:10.5z 0.8, 3589N:006z:40.5E:005, h10km, n25, #1509/42, 1C, Northern Algeria

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EMHD Djebel Mahoud, SET Setif, CKHR Kef el Ahmar, etc.

IDC 09 14:59:46.0.0.2, 270N.96.11E, h₀km, mb4.8/27, mb1.4.8/27, mb1mx4.7/30, mbtmp4.7/27, MS4.4/1, Ms1.4.4/1, ms1mx4.0/14, Error ellipse: s-maj=15.8km s-min=10.8km az=46.0
BUI 09 14:59:47.6.256N.95.98E, h26km, mb5.3, mb5.2, Ms5.2, Msz5.0
ISCJB 09 14:59:49.0.0.2, 266N.003.9609E.0.03, h27km, mb5.0/162, MS4.9/48, Error ellipse: s-maj=4.8km s-min=3.7km az=16.0
MOS 09 14:59:50.0.0.8, 272N.96.09E, h33km, mb5.3/61, MS4.7/25, Error ellipse: s-maj=9.0km s-min=4.3km az=118.0
NEIC 09 14:59:50.1.0.2, 261N.9604E, mb5.1/77, Error ellipse: s-maj=6.1km s-min=3.9km az=215.0
SZGRF 09 14:59:51.7.262N.95.84E, h27km, mb4.9, MS4.5, Off west coast of northern Sumatra, Indonesia
GCMT 09 14:59:53.0.0.2, 219N.95.93E, h36km, MWS5.2/78, Moment Tensor Solution: s61,c94; s78,c118; Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr=4.75±.22; Mw=4.12±.13; Mw-0.63±.16; Ms3.39±.15; Ms4.4.20±.11; Ms-2.63±.21; Best double couple: M7.24900x10¹⁶ NP1=298.00000; s27.00000; s82.00000; NP2: e=127.00000; s63.00000; s94.00000; Principal axes: T 6.1720, P1g7.1.0000; Azm47.0000; N 2.1520, P1g4.0000; Azm306.0000; P -8.3250, P1g18.0000; Azm214.0000; nsta1 refers to body waves, cutoff=4000s. nsta2 refers to surface waves, cutoff=50s.
DJA 09 14:59:54.3.17N.9660E, h72km, ML4.9/3
ISC 09 14:59:50.9.0.2, 263N.003.9607E.0.03, h29km, h29km±1.0km;pP-p,n395, e993/400, mb5.0/162, MS4.9/48, 30C-13N, Northern Sumatra

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
PSI	Prapat	2.86	87	Pn	15 00 35.6	+1.0	
PSI	Kulim	5.28	60	ePn	15 01 09.2	+1.3	
NNT	Nongplab	10.54	20	P	15 02 26.0	+5.9	
NST	Nakhon Sawan	13.56	17	P	15 02 57.5	-4.0	
KSM	Kuching	14.28	94	ePn	15 03 10.8	-0.5	
BDT	Bhumhol Dam	14.80	11	P	15 03 18.0	-0.4	
UBT	Ubonrachathani	15.33	35	P	15 03 27.5	+2.2	
PALK	Palleke	15.98	287	eP	15 03 38.8	+4.9	
CHTO	Chiang Mai	16.33	10	eP	15 03 37.5	-0.7	
CHTO	Chiang Mai	16.33	10	eP	15 03 37.5	-0.7	
VIS	Vishakhapatnam	19.52	321	iP	15 04 16.6	-0.9	
TRD	Trivandrum	19.89	288	eS	15 04 25.0	+3.0	
KOD	Kodaikanal	19.95	293	eP	15 04 22.1	-0.6	
KKM	Kota Kinabalu	20.37	80	eP	15 04 26.8	+1.3	
QIZ	Qiongzong	21.15	39	P	15 04 33.6	-0.2	
QIZ	Qiongzong	21.15	39	P	15 04 42.9		
QIZ	Qiongzong	21.15	39	P	15 04 42.6	+2.4	
CAL	Calcutta	21.16	340	eP	15 08 35.8	+7.8	
HYB	Hyderabad	22.62	312	eP	15 04 52.5	+2.9	
HYB	Hyderabad	22.62	312	eP	15 09 00.0	+3.8	
HYB	Hyderabad	22.62	312	eP	15 04 52.5	+2.9	
SHL	Shillong	23.15	350	eP	15 04 52.5	-2.6	
SHL	Shillong	23.15	350	eP	15 09 06.0	+1.2	
BOK	Bokaro	23.23	336	eS	15 04 51.7		
BOK	Bokaro	23.23	336	eS	15 09 07.7	+1.6	
KMI	Kunming	23.27	15	P	15 05 41.7	+0.4	
KMI	Kunming	23.27	15	P	15 05 41.7	+0.4	
KMI	Kunming	23.27	15	P	15 09 08.9	+2.2	
KMI	Kunming	23.27	15	P	15 05 01.0	+1.2	
KMI	Kunming	23.27	15	P	15 05 00.0	0.0	
KMI	Kunming	23.27	15	P	15 05 07.7	+0.4	
KMI	Kunming	23.27	15	P	15 05 41.7	+0.4	
KMI	Kunming	23.27	15	P	15 09 08.9	+2.2	
BLSP	Bilaspur	23.64	326	eP	15 05 09.6	-0.7	
LATR	Latur	24.73	311	eP	15 05 11.0		
NGP	Nagpur	24.77	319	eP	15 05 11.0		
KAPI	Kappang	24.85	108	P	15 05 10.8	-0.4	
KAPI	Kappang	24.85	108	P	15 05 10.8	-0.4	
GOA	Goa	25.37	302	eP	15 05 28.2		
GOA	Goa	25.37	302	eP	15 05 28.2		
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
GYA	Guiyang	25.78	22	P	15 11 10.5		
GYA	Guiyang	25.78	22	P	15 12 31.4	+1.6	
KAD	Karad	25.97	306	eP	15 05 02.2		
CUYO	Cuyo Island	26.07	71	eP	15 05 19.9	-2.3	
LUBP	Lubang	26.32	64	eP	15 05 24.1	-0.4	
JIRN	Jiri	26.62	340	eP	15 05 28.3	+1.3	
SJMP	San Jose	26.66	67	eP	15 05 27.3	-0.2	
SJMP	Pulchoki	26.81	339	eP	15 05 29.7	+0.9	
PKI	Pulchoki	26.81	339	eP	15 05 29.7	+0.9	
PKI	Pulchoki	26.81	339	eP	15 05 29.7	+0.9	
PKIN	Phulchoki	26.82	339	eP	15 05 29.6	+0.7	
POO	Poona	26.89	308	eP	15 05 30.5	+0.9	
GUN	Gumba	26.95	340	eP	15 05 31.1	+0.9	
DMN	Daman	26.96	338	eP	15 05 31.5	+1.4	
KKN	Kakani	27.06	339	eP	15 05 31.8	+0.8	
KKN	Kakani	27.06	339	eP	15 05 31.8	+0.8	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa	27.32	351	P	15 10 11.9	+0.6	
LSA	Lhasa	27.32	351	P	15 05 31.7	-1.6	
LSA	Lhasa	27.32	351	P	15 05 41.9	+0.2	
LSA	Lhasa	27.32	351	P	15 05 30.7	-4.5	
LSA	Lhasa						

9d 15h

Table of seismic data for 9d 15h, including station names like GEC2, GERES, NRCA, etc., and their corresponding coordinates and magnitudes.

2007 JUN

Main table of seismic data for 2007 JUN, listing stations such as CDF, CDF, CDF, etc., with detailed parameters like magnitude, depth, and location.

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Table of seismic data for Pinar del Array, including station names like PDAR, DUG, MSU, etc., and their coordinates.

NEIC 09 15:07:07.0, 4027N-2052E, h3km, MD3.2(ATH), After ATH.

ATH 09 15:07:07.0, 4027N-2052E, h3km, MD3.2/6

ISCJB 09 15:07:10.0, 0.0, 0.6, 4009N-003-2052E, h10km, Error ellipse: s-maj=6.8km s-min=4.4km az=19.9

CSEM 09 15:07:10.2, 0.2, 0.4015N-2044E, h30km, MD3.2, Error ellipse: s-maj=4.9km s-min=3.9km az=125.0

ISC 09 15:07:10.3, 0.0, 0.6, 4010N-003-2055E, h10km, n13, e1929/21, Greece-Albania border region

Table of seismic data for Greece-Albania border region, listing stations like JAN, KEK, KEK, etc., and their parameters.

CRAAG 09 15:32:22.2, 3589N-058E, M3.2

CSEM 09 15:32:24.2, 0.3, 3563N-037E, h20km, ML3.2, Error ellipse: s-maj=6.8km s-min=5.2km az=25.0

ISCJB 09 15:32:25.8, 0.6, 357N.01, 0.34E, h17km, 19km, Error ellipse: s-maj=19.6km s-min=6.8km az=153.0

NEIC 09 15:32:25.7, 3568N-034E, h0km, MG3.5(MDD), After MDD.

MDD 09 15:32:26.0, 0.4, 3570N-038E, h0km, mb3.8/4, Error ellipse: s-maj=5.4km s-min=4.7km az=114.0, PRXIMO

ISC 09 15:32:26.4, 0.7, 3565N-008-044E, h0km, 0.05, h26km, n27, e1300/40, Northern Algeria

Table of seismic data for Northern Algeria, listing stations like OJBR, OKGL, OJUA, etc., and their parameters.

ISCJB 09 15:53:46.1, 0.4, 5146N-002-1613E, h0km, Error ellipse: s-maj=3.2km s-min=2.9km az=14.0

MOS 09 15:53:46.3, 0.9, 5163N-1619E, h14km, mb3.8/1, Error ellipse: s-maj=9.4km s-min=4.8km az=85.3

NEIC 09 15:53:47.1, 5159N-1616E, h1km, ML3.1(SZGRF), After SZGRF.

BGR 09 15:53:47.1, 0.4, 5159N-1616E, h1km, ML3.1/16, Error ellipse: s-maj=5.6km s-min=2.2km az=16.0

WAR 09 15:53:48.6, 5152N-1611E, ML2.9, Mining Induced

IDC 09 15:53:48.0, 0.6, 5148N-1602E, h0km, mb1.3/2.8, mb1mx3.1/2.7, mbtmp3.1/8, ML3.0/8, Error ellipse: s-maj=10.3km s-min=6.4km az=99.0

PRC 09 15:53:48.9, 5146N-1608E, h0km

IPCC 09 15:53:48.2, 0.2, 5151N-1613E, h9km, km, ML2.5/3, Error ellipse: s-maj=1.7km s-min=0.7km az=36.0

CSEM 09 15:53:48.6, 0.1, 5149N-1614E, h1km, ML3.5/11, Ms2.9, Error ellipse: s-maj=1.9km s-min=1.1km az=13.0

VIE 09 15:53:50.5, 1.1, 5131N-1593E, h0km, mb2.7/8, ML3.1/7, Ms2.9/1, Error ellipse: s-maj=9.7km s-min=7.3km az=97.0

79 km WINW of Wroclaw Suspected Mining Induced

ISC 09 15:53:46.8, 0.3, 5154N-002-1616E, h0km, n102, e1915/183, 12C-5D, Poland

Table of seismic data for Poland, listing stations like Code, Station Name, etc., and their parameters.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, BRG Berggiesshubel, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like GRA1 Grafenberg Arr, STHS Stebnicka Huta, WTTA Wattenberg, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KAB 3um,0.2s, KAB 7um,0.4s, KAB Kabanak, etc.

IDC 09 16:17:00.6:1.0, 1208N-87.06W, h0km, mb4.1/8, mb1 4.3/10, mb1mx4.0/23, mbtmp4.1/10, ML3.7/2, MS3.6/3, Ms1 3.6/3, ms1mx3.1/36, Error ellipse: s-maj=37.1km s-min=16.5km az=55.0

NEIC 09 16:17:02.6:1.9, 1157N-87.24W, h45km, mb4.4/22, Error ellipse: s-maj=18.8km s-min=12.8km az=200.0

CASC 09 16:17:02.9:2.6, 1166N-87.58W, h18km, mb4.3/28, MS3.7/3, Error ellipse: s-maj=11.7km s-min=7.7km az=149.1

ISCJ 09 16:17:05.9:0.8, 1178N-006.8748W, h50km, mb4.0/n80, c1910/65, mb4.3/27, MS3.7/3, 9C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like COPN, TEL3, CSAN, MOMJ, CRUN, TISN, TICN, MGAN, MASN, APON, HUEN, CHUC, CNCH, SSIN, BLLM, VSM, CONN, MADN, CAHU, SNVI, TGUH, LBRS, BOQS, SBL5, SBL3, SNJE, RBDL, CGA2, PRS1, LCR2, URSC, BUS, CMIG, CH12, SDV, DWPF, NATX, JCT, GOGA, TXAR, TXAR, PLAL, MIAR, SWET, CPCT, TKL, WVT, WMOK, ELN, AMTX, CCM, ACSO, SMCO, ECAD, LPZD, COWI, PDAR, AGMN, REDW, LOHW, TPWA, MOOW, IMW, ULM, HLID, MCMT, WVOR, SCHO, BDFB, YKA, YKA, SFJD, BORG, ARCES, WMQ, HHC, HHC, HHC, NJ2, CD2, ASAR, ASAR, WRA, WRA, WRA.

IDC 09 16:22:24.0:1.4, 243N-127.15E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/17, mbtmp3.7/4, Error ellipse: s-maj=81.0km s-min=25.7km az=63.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations WRA, ASAR, MKAR, URZ.

CSEM 09 16:25:37.1:0.3, 3608N-36.08E, h15km, Mc2.1, Error ellipse: s-maj=8.0km s-min=6.8km az=117.0

NSSC 09 16:25:37.7:36.13N-36.07E, h2km, 1/km, ISCJ 09 16:25:38.0:0.8, 3613N-36.07E, h11km, 5/km, Error ellipse: s-maj=6.5km s-min=5.1km az=43.4

DDA 09 16:25:39.7:37.32N-35.64E, h2km, 3/km, Mdz1, ISC 09 16:25:38.6:0.7, 3612N-003.3608E, h11km, 5km, n15, c0579/29, 12D, Jordan - Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations ARNB, BTCH, BTCH, BTCH, BTCH, SLNF, SLNF, SLNF, WRDH, WRDH, DRWC, DRWC, BIDA, BIDA, BIDA, SLMH, SLMH, GZT, GZT, ERMK, ERMK.

CSEM 09 16:35:52.8, 3953N-40.15E, h7km, MD2.9, After ISK

ISK 09 16:35:52.8, 3953N-40.15E, h7km, MD2.9, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations EZZ, EZZ, KOPT, PTK, PTK, PTK, ERZM, ERZM, SVRC, MALT, SVSK.

CSEM 09 17:06:59.7:0.1, 3709N-28.05E, h5km, MD3.0, Error ellipse: s-maj=2.8km s-min=1.5km az=11.0

ISCJ 09 17:07:00.4:0.6, 3710N-28.05E, h205E, 0.04, h7km, 7/km, Error ellipse: s-maj=10.1km s-min=6km az=15.0

DDA 09 17:07:01.9, 3691N-27.93E, h7km, 3/km, Mdz2, ISC 09 17:07:00.9:0.6, 3711N-006.2805E, h0km, 6/km, n11, c083/16, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations YER, YER, ML5B, ML5B, BDRM, BDRM, DALM, DALM, SVRC, GCM, GCM, FETY, FETY, DENT, DENT, RLBC, RLBC, AKAS, AKAS, ELL, ELL.

ISCJ 09 17:29:34.9:1.4, 2160N-008.1431E, h307km, 13/km, mb3.6/12, Error ellipse: s-maj=27.6km s-min=13.4km az=0.9

IDC 09 17:29:35.9:1.8, 2162N-143.02E, h301km, 16/km, mb3.3/10, mb1 3.4/13, mb1mx3.3/25, mbtmp3.3/13, Error ellipse: s-maj=25.1km s-min=12.1km az=83.0

NEIC 09 17:29:38.2:2.5, 2163N-143.01E, h326km, 25/km, mb3.5/2, Error ellipse: s-maj=20.8km s-min=10.2km az=94.0

ISC 09 17:29:35.4:1.2, 2159N-007.1431E, h297km, 11/km, n20, c0673/22, mb3.6/12, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations CBIJ, CBIJ, CBIJ, CBIJ, MJAR, MAJO, KSRS, WRA, WRA, KULM, ASAR, BILL, ZALV, BVAR, YKA, ARCES, JOF, FINES, FINES, NVAR, LPZL, LPZL.

MOS 09 17:30:30.6:0.6, 5507N-163.91E, h37km, mb4.4/4, Error ellipse: s-maj=21.6km s-min=15.1km az=61.2

ISCJ 09 17:30:33.1:1.2, 5509N-003.1634E, 0.1, h25km, 9/km, mb3.4/3, Error ellipse: s-maj=9.9km s-min=5.4km az=5.1

KRSC 09 17:30:33.3:1.1, 5511N-163.33E, h47km, 46/km, ML4.3, IDC 09 17:30:35.3:1.1, 5404N-163.79E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.5/24, mbtmp3.5/7, ML3.2/2, Error ellipse: s-maj=37.8km s-min=21.2km az=148.0

ISC 09 17:30:32.5:1.1, 5513N-003.1633E, 0.1, h6km, 6/km, n26, c1510/37, mb3.4/3, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations MKZ, MKZ, KBTR, KBTR, TUMR, TUMR, KMNr, KMNr, BDR, BDR, KLY, KLY, KPT, KPT, SRKR, SRKR, KOZR, KOZR, KOZ, KOZ, SRDR, SRDR, KII, KII, SPN, SPN, NLC, NLC, AVH, AVH, GNL, GNL, PET, PET.

FINES FINES Array B 5.98 338 P sP comp=2.0, 1nm, 0.8s, baz=27, slow=9.8, SNR=10

NOA NORR Array B 62.09 345 P sP comp=2.0, 4nm, 0.7s, baz=20, slow=6.7, SNR=3.0

TXAR Lajitas Array 68.12 70 P P comp=2.0, 2nm, 0.6s, mb3.3, baz=306, slow=7.7, SNR=2.7

ASAR Alice Springs 82.42 207 P P comp=2.0, 2nm, 0.7s, mb3.1, baz=19, slow=6.0, SNR=3.6

IDC 09 17:32:09.7:0.8, 3918N-72.98E, h0km, mb3.8/12, mb1 3.9/16, mb1mx3.8/26, mbtmp3.7/16, ML3.4/4, Error ellipse: s-maj=18.1km s-min=14.1km az=10.0

MOS 09 17:32:13.4:1.5, 3931N-72.95E, h31km, mb4.4/7, Error ellipse: s-maj=12.0km s-min=7.2km az=82.2

SNP 09 17:32:14.6:4.4, 3971N-72.62E, h0km, mb3.8, mpv4.0, NEIC 09 17:32:18.4:0.8, 3944N-73.13E, h63km, 7km, mb4.1/7, Error ellipse: s-maj=7.7km s-min=7.5km az=121.0

ISC 09 17:32:19.1:0.4, 3945N-003.7303E, h069km, 5/km, n91, c1918/104, mb3.9/18, 11C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations KSH, KSH, AAK, AAK, AAK, AAK, KBK, KBK, ULHL, ULHL, CHMS, CHMS, TKM2, TKM2, TKM2, TKM2, USP, USP, KK02, KK02, KNDC, KNDC, CEP, CEP, CEP, KBL, KBL, THW, THW, THN, THN, SARP, SARP, SMLA, SMLA, KLP, KLP, KLP, KLP, MK31, MK31, MK31, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DDI Dehra Dun, KUNDAL Kundal, BVAV Borovoye, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EKMR 15nm,0.5s, KLR Kul'dur, UGL Uglegorsk, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PRK Paraskevi, BJI 09 18:04:26.3, NEIC 09 18:04:35.0, etc.

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

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

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

NIED 09 18:38:00, 31.30N, 130.50E, h150km, Mw3.7 Best double couple: M4.09000, 1.014, NP1.353, 0.00000, 87.00000, 1.71, 0.00000, NP2.255, 0.00000, 81.90000, 1.72, 0.00000.

ISCJB 09 18:38:30.7, 0.4, 31.30N, 0.04, 130.39E, 0.06, h158km, 3km, mb3.5/9, Error ellipse: s-maj=9.8km s-min=6.1km az=31.4

NEIC 09 18:38:32.3, 0.7, 31.32N, 130.28E, h158km, 8km, mb4.3/2, Error ellipse: s-maj=13.8km s-min=9.3km az=102.0

JMA 09 18:38:32.9, 0.1, 31.35N, 130.50E, h149km, 1km, M3.8

ISC 09 18:38:31.9, 0.4, 31.31N, 0.04, 130.42E, 0.06, h153km, 3km, n23, c109/35, mb3.5/9, 4C-2D, Kyushu

MOS 09 19:27:53.2, 1.1, 0.37N, 126.04E, h33km, mb4.9/16, Error ellipse: s-maj=21.0km s-min=6.5km az=112.4

BJJ 09 19:27:56.9, 0.30N, 126.22E, h17km, mb4.6, Ms4.1, Ms2.9

ISCJB 09 19:27:57.0, 1.0, 0.30N, 0.04, 126.19E, 0.05, h70km, 8km, mb4.5/50, Error ellipse: s-maj=9.8km s-min=5.8km az=150.5

DJA 09 19:27:58.0, 0.48N, 126.14E, h25km, ML4.6/7

NEIC 09 19:27:58.5, 1.4, 0.32N, 126.12E, h68km, 13km, mb4.6/19, Error ellipse: s-maj=12.8km s-min=6.3km az=61.0

ISC 09 19:27:59.7, 0.8, 0.27N, 126.61E, 0.05, h79km, 7km, h9km, 1.4km, pp-P, n116, s110/119, mb4.5/50, 9C-10D, Northern Molucca Sea

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

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

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

ISCJB 09 19:12:43.1, 1.4, 18.61S, 0.07, 71.1W, 0.2, h50km, 14km, mb3.9/2, Error ellipse: s-maj=26.9km s-min=8.1km az=162.0

NEIC 09 19:12:44.3, 1.6, 18.53S, 71.29W, h53km, 14km, mb4.6/2, Error ellipse: s-maj=24.5km s-min=12.9km az=78.0

ISC 09 19:12:48.1, 4.0, 18.70S, 70.92W, h82km, 32km, mb3.7/2, mb1.3/9.5, mb1mx3.5/19, mbtmp3.7/5, MS3.1/2, Ms1.3/1.2, ms1mx2.5/25, Error ellipse: s-maj=52.9km s-min=19.5km az=92.0

ISC 09 19:12:44.2, 1.4, 18.60S, 0.07, 71.3W, 0.2, h50km, 14km, n13, c119/13, mb3.8/3, Off coast of northern Chile

FRIM Kepong 24.68 277 EP P 19 33 14.6 +1.1

ASAR Alice Springs 24.96 163 P P 19 33 17.7 +1.8

ASAR comp=Z, 1.7nm, 0.7s, baz=356, slow=2.7, SNR=8.3

IPM Iloh 25.43 280 PP P 19 33 20.8 +0.4

KULM Kulim 25.93 282 PP P 19 33 23.5 -1.4

JOW Kungami 26.49 4 P P 19 33 29.9 +0.1

FOR Forest 30.93 177 EP P 19 34 09.7 +0.6

KMI comp=Z, 5.0nm, 1.4s, mb4.2

KMI comp=Z, 5.2nm, 6.9s

KMI comp=N, 7.5nm, 9.1s

KMI comp=E, 7.1nm, 11.2s

ENH Enshi 33.78 334 eP P 19 34 33.2 -1.0

NWAO Narrogin (SRO) 34.07 193 P P 19 34 37.4 +0.9

NWAO Narrogin (SRO) 34.07 193 P P 19 34 37.4 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, KURK Kurchatov, NVS Novosibirsk, etc.

BUJ 09 19:58:40.2, 1377N:145.06E, h190km, mb4.4, mb4.4
ISCJB 09 19:58:43.1±0.6, 1395N006:144.8E±0.1, h193km, 5km,
mb4.0/30, Error ellipse: s-maj=20.5km s-min=9.6km
az=169.7

NEIC 09 19:58:44.5±0.7, 1397N:144.80E, h190km, mb4.2/13,
Error ellipse: s-maj=14.2km s-min=7.0km az=81.0

IDC 09 19:58:44.2±0.4, 1399N:144.77E, h186km, 3km, mb3.6/14,
ms1 3.7/14, mb1mx3.6/21, mbtmp3.6/14, Error ellipse:
s-maj=24.8km s-min=10.9km az=78.0

ISC 09 19:58:44.2±0.6, 1398N.006:144.9E±0.1, h188km, 5km, n41,
±0.80/42, mb4.1/30, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, JNU Nakatsu, MAJAO Matsushiro, etc.

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

IDC 09 20:09:30.9±2.3, 385N:128.25E, h0km, mb3.3/3, mb1 3.5/3,
mb1mx3.3/18, mbtmp3.3/3, Error ellipse:
s-maj=161.9km s-min=27.0km az=67.0, North of
Halmahera

WRA Warramunga Arr 24.9 166 P P 20 15 20.7 +0.9

ASAR Alice Springs 27.90 169 P P 20 15 23.7 +0.9

PKP Pd 20 19 27.7 -0.1

ISCJB 09 20:20:44.2±0.5, 594S:006:35.8E±0.1, h10km, mb3.9/9,
MS3.4/5, Error ellipse: s-maj=17.1km s-min=6.1km
az=19.7

IDC 09 20:20:44.9±1.0, 597S:35.88E, h0km, mb3.8/7, mb1 4.0/10,
mb1mx3.8/26, mbtmp3.9/10, ML3.8/3, MS3.4/9, MS1 3.4/9,
ms1mx3.2/30, Error ellipse: s-maj=54.7km s-min=17.0km
az=109.0

NEIC 09 20:20:45.0±0.6, 587S:35.83E, h10km, mb3.4/3, Error
ellipse: s-maj=19.4km s-min=9.8km az=113.0

NEIC Felt at Dodoma.
ISC 09 20:20:46.3±0.5, 584S:004:35.7E±0.07, h10km, m2.5,
±130/34, mb3.9/9, MS3.4/5, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, LSZ Lusaka, MATP Matopo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CNP Borongan, BESP Virac, PVPCC Palo, etc.

ISCJB 09 20:47:38.0±1.0, 1848S:005:71.04W±0.06, h57km, 9km,
mb4.3/31, MS3.8/5, Error ellipse: s-maj=10.1km,
s-min=6.4km az=144.5

NEIC 09 20:47:39.0±1.1, 1838S:70.83W, h50km, 10km, mb4.3/24,
Error ellipse: s-maj=14.0km s-min=7.5km az=60.0

IDC 09 20:47:38.6±1.9, 1840S:70.85W, h42km, 18km, mb4.1/11,
mb1 4.2/14, mb1mx4.1/20, mbtmp4.1/14, ML4.1/2, MS3.7/8,
Ms1 3.7/8, ms1mx3.4/23, Error ellipse: s-maj=21.5km
s-min=11.9km az=62.0

ISC 09 20:47:40.3±0.8, 1846S:005:70.94W±0.07, h61km, 7km, n71,
±124/63, mb4.3/31, 3C, Near Coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time Res, h m s, Res ISC. Includes stations like WARRAMUNGA ARR, ZALVO BEAM, ZALV, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time Res, h m s, Res ISC. Includes stations like ANTALYA, KADINHANI, KONYA-TATOY, etc.

ISCJB 09 21:09:39.1, 0.6, 2434S, 003.6716W, 0.06, h155km, 7km, mb4.0/18, Error ellipse: s-maj=9.4km s-min=5.6km az=3.3

ISCJB 09 21:22:13.1, 1.3, 12N, 0.1, 125E, 0.2, h33km, mb4.2/5, Error ellipse: s-maj=23.7km s-min=18.3km az=146.4

ISCJB 09 22:19:49.1, 1.7, 5749N, 005.14595W, 0.06, h15km, 1.2km, 19.9, MS3.3/3, Error ellipse: s-maj=8.2km s-min=5.4km az=13.2

ISCJB 09 21:09:41.3, 0.7, 2448S, 067.68W, h200km, ML4.6, n51, r131/60, mb4.0/18, 3C-2D, Chile-Argentina border region

ISCJB 09 21:27:55.1, 3674S, 17743E, h223km, 3km, ML3.7/9, Error ellipse: s-maj=5.1km s-min=4.7km az=0.0, Off east coast of North Island

ISCJB 09 22:19:58.0, 11.0, 5756N, 145.23W, h10km, ML3.5/2, 386km Wsw of Yakutat, Ak Gulf Of Alaska

Main table of station data for the left column, including codes, station names, and various parameters.

Main table of station data for the middle column, including codes, station names, and various parameters.

Main table of station data for the right column, including codes, station names, and various parameters.

ISCJB 09 21:22:10.4, 1.3, 121N, 125.92E, h0km, mb4.1/4, mb1.4/2.6, mb1.1mx3.8/19, mbtmp3.6/18, ML3.8/2, Error ellipse: s-maj=50.6km s-min=21.0km az=68.0

ISCJB 09 22:06:05.4, 19.0, 4779S, 156.11E, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.7/10, mbtmp3.6/3, Error ellipse: s-maj=615.5km s-min=279.7km az=60.0, North of Macquarie Island

NIED 09 22:33:00, 4550N, 150.80E, h20km, Mw3.8 Best double couple: M5.2900x1014, 1.11x10+44, 0.0000, 1.688.00000, P.95, 0.0000, NP.25, 160.0000, 36.00000, L.26, 00000

Table with columns: LPAZ, La Paz, 149.99 85 PKP, PKPdf, 03 01 11.1 +0.9

ISCJB 10 03:22:00.2, 0.4, 1372N, 0.05s, 12060E, h150km, 4km, mb3.6/8, Error ellipse: s-maj=13.5km s-min=7.2km az=170.6

MAN 10 03:22:01.1374N: 12059E, h125km, mb4.1, ML2.9, MS2.6 NEIC 10 03:22:06.0, 0.6, 1374N: 12093E, h200km, mb3.7/2, Error ellipse: s-maj=45.4km s-min=8.9km az=70.0

IDC 10 03:22:30.2, 5.2, 1266N: 11893E, h463km, 71km, mb3.0/7, mb1 3.2/8, mb1mx2.9, 2.2, mbtmp3.1/8, Error ellipse: s-maj=38.6km s-min=14.6km az=67.0

ISC 10 03:22:01.3, 0.4, 1373N, 0.04s, 12061E, h144km, 3km, n29, c068/32, mb3.6/8, 5C-2D, Mindoro

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

MAN 10 03:46:49, 1020N: 12602E, h13km, mb4.0, ML2.7, MS2.4, Philippine Islands region

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

IDC 10 04:22:10.6, 12.0, 4761N: 15509E, h0km, mb3.6/3, mb1 3.5/4, mb1mx3.2/1, mbtmp3.5/4, ML2.8/1, Error ellipse: s-maj=259.2km s-min=47.6km az=142.0, East of Kuril Islands

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

IDC 10 04:28:13.7, 4.0, 2233S: 14813E, h0km, mb1 3.5/4, mb1mx3.4/13, mbtmp3.3/4, ML3.5/3, Error ellipse: s-maj=39.4km s-min=22.5km az=83.0, Queensland

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

IDC 10 04:34:11.6, 5.8, 3685N: 7158E, h91km, 51km, mb3.2/6, mb1 3.4/11, mb1mx3.2/26, mbtmp3.4/11, ML3.8/5, Error ellipse: s-maj=41.1km s-min=22.5km az=32.0

NEIC 10 04:34:12.9, 0.7, 3681N: 7162E, h108km, 8km, mb3.8/4, Error ellipse: s-maj=9.1km s-min=5.8km az=62.0

ISCJB 10 04:34:13.1, 0.5, 3693N: 003:71.71E:007, h128km, 7km, mb3.5/7, Error ellipse: s-maj=9.2km s-min=4.1km az=173.2

NNC 10 04:34:15.8, 5.0, 3753N: 7120E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=39.1km s-min=26.3km az=178.0

ISC 10 04:34:13.7, 0.4, 3690N: 002:7166E:006, h112km, 6km, n46, c193/63, mb3.5/7, 4C-3D, Afghanistan-Tajikistan border region

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

Table with columns: UCH, KZA, Kyzart, 5.87 27 P, S, Pn, 04 36 40.4 -1.0

PGC 10 04:52:01.3, 0.8, 6057N: 14276W, h1km, ML3.5/4, 203km east of Valdez, AK Southern Alaska

NEIC 10 04:51:09, 6065N: 14284W, h3km, ML3.3(AEIC), ML3.7(PMR), 7D, After AEIC, Southern Alaska

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

IDC 10 04:59:06.5, 3.2, 160N: 12762E, h96km, 27km, mb3.6/6, mb1 3.7/7, mb1mx3.5/17, mbtmp3.6/7, Error ellipse: s-maj=91.8km s-min=13.4km az=71.0

ISCJB 10 04:59:09.2, 4.2, 15N: 0.1: 1272E:03, h139km, 41km, mb3.9/9, Error ellipse: s-maj=53.6km s-min=15.6km az=160.3

NEIC 10 04:59:12.9, 2.9, 144N: 12733E, h161km, 28km, mb4.1/6, Error ellipse: s-maj=31.7km s-min=9.8km az=71.0

DJA 10 04:59:12, 162N: 12720E, h33km, ML4.8/2

ISC 10 04:59:10.7, 2.7, 15N: 0.1: 1273E:03, h137km, 26km, n15, c048/17, mb3.9/9, Himalayas

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

Table with columns: WRA, WB2, Warramunga Arr, 22.37 162 eP, P, 05 03 57.2 -0.7

ISCJB 10 05:00:46.0, 0.2, 4830N: 001:663E:002, h10km, 2km, Error ellipse: s-maj=2.6km s-min=2.2km az=147.2

STR 10 05:00:47.8, 0.2, 4834N: 668E, h10km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

NEIC 10 05:00:47.8, 4834N: 668E, h10km, ML2.2(SZGRF), ML2.5(STR), ML2.6(LDG), After STR

CSEM 10 05:00:48.4, 0.4, 4834N: 667E, h12km, ML2.6/24, Error ellipse: s-maj=0.9km s-min=0.7km az=151.0

BGR 10 05:00:48.5, 0.3, 4835N: 671E, h10km, ML2.1/4, Error ellipse: s-maj=4.4km s-min=3.3km az=8.0

LDG 10 05:00:48.8, 0.1, 4832N: 666E, h10km, M3.0, A4, ML2.6/26, Error ellipse: s-maj=1.2km s-min=0.9km az=150.0

PRU 10 05:00:51.4, 4840N: 688E, h0km

ISC 10 05:00:47.1, 0.2, 4831N: 001:667E:002, h19km, 2km, n99, c1514/204, France

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like GLA Glamis, TIN Tinema, R07C Lee Vining, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 319A Douglas, X16A Lo Mia Camp, R12A Pony Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ANMO Albuquerque, F12A Elk City, NEW Newport, etc.

Table with columns: PRU, BZS, TAN, MOX, MANZ, SKP1, SKP2, KASPER, GEC2, GERES, etc. Each row contains station name, frequency, and other technical details.

ISCJB 10 05:40:31.5:2.1, 606S:007x1545E.01, h417km, 24km, mb3.9/20, Error ellipse: s-maj=22.2km s-min=9.9km

ISC 10 05:40:33.7:2.0, 610S:154:22km, h423km, 20km, mb3.5/15, mb1.3/6/16, mb1mx3.5/21, mbtmp3.5/16, Error ellipse: s-maj=17.8km s-min=8.3km az=105.0

NEIC 10 05:40:34.4:1.8, 607S:15446E, h434km, 18km, mb4.0/10, Error ellipse: s-maj=18.2km s-min=9.6km az=86.0

ISC 10 05:40:34.2:1.7, 608S:007x1545E.01, h432km, 19km, n36, o574/33, mb3.9/20, Bougainville - Solomon Islands region

Main table for Bougainville - Solomon Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

ISC 10 06:04:42.1:1.1, 966N-4065W, h0km, mb4.0/5, mb1.4/1.5, mb1mx3.6/21, mbtmp3.0/5, MSS.5.7, Ms1.3/5.7, ms1mx3.6/21, Error ellipse: s-maj=37.9km s-min=24.8km az=178.0, Central Mid-Atlantic Ridge

Table for Central Mid-Atlantic Ridge with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

Table for 2007 JUN with columns: PDAR, BOS, YKA, etc. Each row contains station name, frequency, and other technical details.

ISC 10 07:01:32.9:0.7, 952N-4060W, h0km, mb3.9/14, mb1.4/0/14, mb1mx3.8/23, mbtmp3.9/14, MSS.8/21, Ms1.3/8/21, ms1mx3.7/26, Error ellipse: s-maj=20.6km s-min=16.2km az=123.0

ISCJB 10 07:01:36.3:0.5, 95N:0.1x413W.01, h10km, mb4.2/26, MSS.8/23, Error ellipse: s-maj=20.6km s-min=10.3km az=135.7

NEIC 10 07:01:38.3:0.5, 943N-4120W, h10km, mb4.5/13, Error ellipse: s-maj=18.0km s-min=8.9km az=138.0

SZGRF 10 07:01:49.4, 957N:3947W, h33km, mb4.3, Central Mid-Atlantic Ridge

ISC 10 07:01:38.4:0.5, 95N:0.1x413W.01, h10km, n61, o096/50, mb4.2/26, MSS.8/23, Central Mid-Atlantic Ridge

Main table for Central Mid-Atlantic Ridge with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

ISCJB 10 07:09:24.1:1.1, 250S:02:177W.02, h497km, 24km, mb4.3/9, Error ellipse: s-maj=47.7km s-min=18.1km az=139.1

ISC 10 07:09:24.8:2.0, 2449S:17843W, h429km, 27km, mb3.6/3, mb1.3/8/5, mb1mx3.2/16, mbtmp3.7/5, Error ellipse: s-maj=50.8km s-min=32.8km az=133.0

NEIC 10 07:09:25.0:0.9, 2496S:17772W, h496km, 19km, mb4.5/7, Error ellipse: s-maj=38.3km s-min=15.3km az=137.0

ISC 10 07:09:25.1:1.1, 250S:02:177W.02, h497km, 22km, n13, o083/13, mb4.3/9, ID, South of Fiji Islands

Main table for South of Fiji Islands with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

MOS 10 08:15:08.9:0.9, 3889N-2642E, h10km, mb3.7/1, Error ellipse: s-maj=16.0km s-min=7.4km az=91.6

ISCJB 10 08:15:09.9:0.4, 3890N:001x2637E.02, h48km, 3km, Error ellipse: s-maj=3.1km s-min=2.2km az=148.9

ISC 10 08:15:09.5, 3886N-2631E, h17km, ML4.0, NEIC 10 08:15:10.1, 3889N:2628E, h19km, ML3.5(ATH), ML4.0(ISK), After ATH.

DDA 10 08:15:10.1, 3889N:2643E, h28km, 1km, MD3.9 CSEM 10 08:15:10.2, 3889N:2638E, h15km, ML3.5, Error ellipse: s-maj=1.6km s-min=1.0km az=55.0

ATH 10 08:15:10.1, 3889N:2628E, h19km, km, MD3.7/6, ML3.5 THE 10 08:15:10.9, 3891N:2643E, h2km, ML4.3 SOF 10 08:15:13.3, 3927N:2648E, h19km, MD3.2

ISC 10 08:15:10.8:0.3, 3890N:001x2639E.002, h82km, 22km, n113, o087/139, 15S-5D, Aegean Sea

Main table for Aegean Sea with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

IDC 10 07:05:01.6:2.4, 616S:13057E, h0km, mb3.7/1, mb1.3/8/3, mb1mx3.5/13, mbtmp3.6/3, ML3.7/2, Error ellipse: s-maj=138.2km s-min=31.4km az=71.0

ISCJB 10 07:05:18.9:2.1, 71S:0.1x1301E.01, h186km, 23km, Error ellipse: s-maj=22.9km s-min=16.1km az=163.2

DJA 10 07:05:25.731S, 13063E, h185km, ML5.0/1 ISC 10 07:05:23.7:2.6, 74S:0.1x1301E.01, h176km, 24km, n6, o098/11, Taninbar Islands region

Table for Taninbar Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

DDA 10 07:06:02.0, 3894N:2641E, h7km, 3km, MD3.0 ISK 10 07:06:02.4, 3893N:2641E, h15km, MD3.3 CSEM 10 07:06:02.2:0.1, 3895N:2645E, h10km, ML3.2, Error ellipse: s-maj=2.1km s-min=1.4km az=71.0

ISCJB 10 07:06:02.2:0.5, 3893N:002:2639E.004, h0km, 4km, Error ellipse: s-maj=5.6km s-min=3.1km az=163.2

ATH 10 07:06:02.5, 3893N:2648E, h5km, MD3.0/3 THE 10 07:06:02.9, 3890N:2638E, h3km, ML3.2 ISC 10 07:06:02.9:0.4, 3893N:002:2639E.004, h12km, 4km, n29, o062/43, Aegean Sea

Main table for Aegean Sea with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

ISCJB 10 07:09:24.1:1.1, 250S:02:177W.02, h497km, 24km, mb4.3/9, Error ellipse: s-maj=47.7km s-min=18.1km az=139.1

ISC 10 07:09:24.8:2.0, 2449S:17843W, h429km, 27km, mb3.6/3, mb1.3/8/5, mb1mx3.2/16, mbtmp3.7/5, Error ellipse: s-maj=50.8km s-min=32.8km az=133.0

NEIC 10 07:09:25.0:0.9, 2496S:17772W, h496km, 19km, mb4.5/7, Error ellipse: s-maj=38.3km s-min=15.3km az=137.0

ISC 10 07:09:25.1:1.1, 250S:02:177W.02, h497km, 22km, n13, o083/13, mb4.3/9, ID, South of Fiji Islands

Main table for South of Fiji Islands with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

MOS 10 08:15:08.9:0.9, 3889N-2642E, h10km, mb3.7/1, Error ellipse: s-maj=16.0km s-min=7.4km az=91.6

ISCJB 10 08:15:09.9:0.4, 3890N:001x2637E.02, h48km, 3km, Error ellipse: s-maj=3.1km s-min=2.2km az=148.9

ISC 10 08:15:09.5, 3886N-2631E, h17km, ML4.0, NEIC 10 08:15:10.1, 3889N:2628E, h19km, ML3.5(ATH), ML4.0(ISK), After ATH.

DDA 10 08:15:10.1, 3889N:2643E, h28km, 1km, MD3.9 CSEM 10 08:15:10.2, 3889N:2638E, h15km, ML3.5, Error ellipse: s-maj=1.6km s-min=1.0km az=55.0

ATH 10 08:15:10.1, 3889N:2628E, h19km, km, MD3.7/6, ML3.5 THE 10 08:15:10.9, 3891N:2643E, h2km, ML4.3 SOF 10 08:15:13.3, 3927N:2648E, h19km, MD3.2

ISC 10 08:15:10.8:0.3, 3890N:001x2639E.002, h82km, 22km, n113, o087/139, 15S-5D, Aegean Sea

Main table for Aegean Sea with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLCB Balcovia, KADAG Bornova, EZAN Ezine, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 10 08:17:12, PVPC Virac, RCP Roxas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JSE Soyaes, JWKC Keihoku, JSS Shosan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRK Paraskevi, AYVA Ayvalik, AYLA Izmir, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATL Matirih, HRM Mount Hermon, KSDI Karak Scold, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DGAR Diego Garcia, DGAF Diego Garcia, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, MLW Deep Cove, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG Zihuatajejo, CAIG El Cayaco, MEIG Mezcala, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTN Tanegashima, JKC Kuchinoerabu, JKC Kuchinoerabu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOHW Long Hollow, SNOW Snow King Moun, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Z17A San Carlos Hig, 118A Homack Ranch, 217A Green Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb1 3.4/7, mb1mx3.2/24, mbtimp3.2/7, Error ellipse, KDAK Kodiak Island, etc.

10d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JACH Jahuel, CMCH Combarbala, FCH Farellones, etc.

NIED 10 13:40:00, 4380N:14740E, h47km, Mw3.6 Best double couple: M2.61000x1014 N1.10036.00000 869.00000, 1.81.00000 - NP2.0241.00000 823.00000, 1.13.00000

2007 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

ISC 10 13:40:36.7.2.2, 438N:01.1473E.02, h12km, 28km, n15, 0574/23, Kuril Islands

ISC 10 13:44:10.7.1.5, 3362N:14179E, h0km, mb3.6/3, mb1 3.6/7, mb1mx3.4/22, mbtmp3.5/7, ML3.2/4, MS2.7/1, Ms1 2.7/1, ms1mx2.3/21, Error ellipse: s-maj=29.9km

ISC 10 13:44:12.2.1.2, 3363N:004.14189E, h28km, 19km, mb3.6/3, Error ellipse: s-maj=11.0km s-min=7.0km

JMA 10 13:44:12.4.0.4, 3362N:14189E, h68km, M3.0

ISC 10 13:44:13.2.2.3, 3363N:004.14177E, h009, h17km, n17, 0584/22, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

ISC 10 14:07:01.1.0.1, 2129N:7617W, h0km, mb3.6/8, mb1 3.9/11, mb1mx3.7/24, mbtmp3.7/11, ML3.8/3, MS3.1/5, Ms1 3.1/5, ms1mx2.9/27, Error ellipse: s-maj=27.9km

NEIC 10 14:40:11.0.0.4, 2142N:7631W, mb4.0/9, Error ellipse: s-maj=12.8km s-min=6.9km az=48.0

ISC 10 14:40:12.0.0.3, 2147N:003.7643W, h004, h33km, mb3.9/14, Error ellipse: s-maj=5.6km s-min=3.5km az=145.3

SSNC 10 14:40:14.3.2.1, 2156N:7632W, h17km, MD3.7, ML4.1, JSN 10 14:40:16.7.2.4, 2137N:7614W, h51km, 999km, MD4.8, MW5.0

ISC 10 14:40:13.5.1.1, 2148N:003.7635W, h004, h33km, 8km, n48, s129/54, mb3.9/14, 1C-3D, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HLGC Holguin, MOAC Moa, MOAC Moa, etc.

BBJ Bambu Saint A 3.19 196I eP Pn 14 41 02.0 +0.6

ISC 10 15:31:58.2.0.0, 80S-02x1187E.02, h175km, n17km, 9, 0562/12, mb3.6/3, 1D, Flores Sea

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, MIAR Mount Ida, CCM Cathedral Cave, etc.

ISC 10 15:09:23.4.1.4, 416N:03.499E.01, h56km, 63km, Error ellipse: s-maj=52.0km s-min=13.3km az=165.8

CSEM 10 15:09:24.2.1.1, 41.19N:4980E, h65km, 15km, mb2.9, Error ellipse: s-maj=57.1km s-min=12.1km az=143.0

ISC 10 15:09:44.3.1.9, 414N:02.499E.01, h66km, 35km, mb, 0893/10, 4C, Caspia Sea

MAN 10 14:48:44, 1001N:12249E, h43km, mb4.1, ML3.0, MS2.7, 1D, Panay

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

ISC 10 15:09:23.4.1.4, 416N:03.499E.01, h56km, 63km, Error ellipse: s-maj=52.0km s-min=13.3km az=165.8

ISC 10 15:09:24.2.1.1, 41.19N:4980E, h65km, 15km, mb2.9, Error ellipse: s-maj=57.1km s-min=12.1km az=143.0

ISC 10 15:09:44.3.1.9, 414N:02.499E.01, h66km, 35km, mb, 0893/10, 4C, Caspia Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIZA Silyn, PQL Pirkulu, SEKA Sheki, etc.

ISC 10 15:18:07.6.58.0, 1391S:17320W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/16, mbtmp3.7/3, Error ellipse: s-maj=112.7km s-min=182.7km az=77.0, Samoa Islands region

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

ISC 10 15:31:58.2.0.0, 80S-02x1187E.02, h175km, n17km, 9, 0562/12, mb3.6/3, 1D, Flores Sea

ISC 10 15:31:58.2.0.0, 80S-02x1187E.02, h175km, n17km, 9, 0562/12, mb3.6/3, 1D, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SZGRF 10 15:44:37.8.124S:17769W, h33km, Fiji Islands region, etc.

mb4.1/15, Error ellipse: s-maj=21.7km s-min=10.4km az=137.8
 DJA 10 17:24:24.4145x10173E,h37km,ML4.8/6
 IDC 10 17:24:26.9z2.8,388S,10209E,h75km,25km,mb3.9/14,
 mb1.4/0.15,mb1mx3.8/22,mbtmp3.9/15,MS3.1/1,
 Ms1.3/1.1,ms1mx2.6/38,Error ellipse: s-maj=19.5km
 s-min=11.6km az=48.0
 ISC 10 17:24:25.8z1.7,39S,01x1021E,0.1,h65km,15km,n30,
 o667/30,mb4.1/15,Southern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
PSI	Prapat	7.35	335	P	17 26 09.0	-1.6		
PSI	Prapat	7.35	335	P	17 26 09.0	-1.6		
KULM	Kulim	9.23	351	P	17 26 37.4	+1.2		
BATI	Baumata	22.31	107	P	17 29 17.1	-1.0		
FITZ	Fitzroy Crossi	27.04	123	P	17 30 02.2	0.0		
WRA	Warramunga Arr	35.26	120	P	17 31 14.6	+0.2		
WRA	Warramunga Arr	35.26	120	P	17 31 14.6	+0.2		
WBRAB	Tennant Creek	35.26	120	P	17 31 14.6	+0.1		
WBR2	Warramunga Arr	35.27	120	P	17 31 14.3	-0.2		
ASAR	Alice Springs	36.47	126	P	17 31 25.4	+0.6		
ASAR	St Stephens	46.35	132	P	17 32 46.8	+1.2		
SKA	St Stephens	46.35	132	P	17 32 46.8	+1.2		
KSR5	Korea Array	47.64	28	P	17 32 56.4	+0.9		
SOMM	Songino Array	52.48	37	P	17 33 31.3	+0.9		
MJAR	Matsushiro Arr	52.48	37	P	17 33 31.3	+0.9		
MK31	Makanchi Array	53.41	343	P	17 33 39.1	+0.2		
MKAR	Makanchi Array	53.41	343	P	17 33 39.1	+0.2		
KURK	Kurchatov	58.00	343	P	17 34 11.8	+0.4		
ZAAO	Zalesovo Array	59.41	348	P	17 34 21.3	-0.1		
ZALV	Zalesovo Beam	59.41	348	P	17 34 21.3	-0.2		
BRVK	Borovoye	62.73	339	P	17 34 42.9	-1.0		
MATP	Matopog	73.27	250	P	17 35 51.1	+0.4		
PETK	Petrovavlovsk	73.38	31	P	17 35 50.8	+0.1		
BOSA	Boshof	76.58	242	P	17 36 09.2	-0.5		
BOSA	Boshof	76.58	242	P	17 36 09.2	-0.5		
ARCES	ARCCESS Array B	88.94	340	P	17 37 13.1	+0.3		
BDFB	Brasilias	144.61	236	PKP	17 43 55.4	-0.6		
JCT	Junction City	146.44	36	PKP	17 44 00.4	+0.3		

IDC 10 17:34:57.0z2.2,524N,12249E,h0km,mb3.4/3,mb1.3/6/3,
 mb1mx3.3/18,mbtmp3.4/3, Error ellipse: s-maj=20.8km s-min=27.4km az=64.0, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
WRA	Warramunga Arr	26.83	159	P	17 40 40.4	+1.1		
ASAR	Alice Springs	30.16	163	P	17 41 07.7	-1.3		
MKAR	Makanchi Array	55.05	326	P	17 44 30.6	+0.1		

ISCJB 10 17:51:27.7z1.0,1309N,007x1438E,02,h154km,12km,
 mb3.8/10, Error ellipse: s-maj=28.5km s-min=11.8km az=174.9

NEIC 10 17:51:29.4z0.8,1311N,14393E,h155km,9km,mb4.0/1,
 Error ellipse: s-maj=18.4km s-min=8.0km az=86.0

IDC 10 17:51:29.2z0.8,1311N,14393E,h154km,10km,mb3.6/10,
 mb1.3/7.0,mb1mx3.5/21,mbtmp3.6/10, Error ellipse: s-maj=25.3km s-min=12.3km az=85.0

ISC 10 17:51:29.2z0.9,1312N,007,1439E,02,h154km,11km,
 n18,o657/20,mb3.8/10,South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
GUMO	Guam	1.03	63	P	17 51 55.1	+0.5		
GUMO	Guam	1.03	63	P	17 52 14.1	+0.2		
GUMO	Guam	1.03	63	P	17 51 55.0	+0.4		
GUMO	Guam	1.03	63	P	17 52 13.4	-0.6		
JOW	Kunigami	20.03	315	P	17 55 50.9	+0.6		
JUNU	Nakatsue	23.20	331	P	17 56 23.0	+0.6		
MJAR	Matsushiro Arr	23.88	349	P	17 56 27.4	-1.2		
MAJO	Matsushiro	23.88	349	P	17 56 28.4	-0.1		
MAT	Matsushiro	23.88	349	P	17 56 27.6	-1.0		
KSR5	Korea Array	28.14	332	P	17 57 06.8	-0.1		
WBRAB	Tennant Creek	34.17	196	P	17 57 59.9	+0.1		
WBR2	Warramunga Arr	34.18	196	P	17 57 60.0	-0.4		
WRA	Warramunga Arr	34.18	196	P	17 57 59.9	+0.0		
ASAR	Alice Springs	37.85	195	P	17 58 31.2	0.0		
STKA	St Stephens	44.79	183	P	17 59 28.8	-0.9		
STKA	St Stephens	44.79	183	P	17 59 27.4	-0.3		
MKAR	Makanchi Array	61.19	316	P	18 01 28.0	+0.4		
YKA	Yellowknife Arr	63.70	27	P	18 03 40.7	+0.3		
NVAR	Mina Array Bea	87.93	51	P	18 04 02.8	+1.0		

ISCJB 10 17:54:03.1z1.1,479N,02z27W,02,h10km,mb3.5/5,
 MS3.1/2, Error ellipse: s-maj=23.7km s-min=18.6km az=24.2

IDC 10 17:54:03.7z1.2,4791N,02z27W,h0km,mb3.7/5,mb1.3/8/7,
 mb1mx3.5/27,mbtmp3.5/7,ML3.1/2,MS3.2/12,Ms1.3/2/12,
 ms1mx3.0/43, Error ellipse: s-maj=35.3km s-min=25.4km az=19.0

NEIC 10 17:54:05.0z0.8,4786N,02z27W,h10km, Error ellipse:
 s-maj=19.0km s-min=15.1km az=196.0

ISC 10 17:54:05.1z1.2,479N,02z27W,02,h10km,n17,o660/7,
 mb3.5/5,MS3.1/12,Northern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
EKA	Eskdalemuir Ar	16.93	55	Pn	17 58 02.9	+1.0		
ESDC	Sonsea Array	18.95	107	P	17 58 26.8	-0.1		
JMIC	Jan Mayen	25.38	15	LR	18 06 49.9			
SCHO	Schefferville	25.14	301	LR	18 07 23.7			
DAVOX	Davos Dischmal	25.38	15	LR	18 08 27.5			
NOA	NORSAR Array B	25.75	45	LR	18 09 05.4			
HFS	Hagfors	26.78	47	LR	18 08 40.6			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
GERES	GERESS Array B	27.31	72	P	17 59 48.8	-0.8		
GERES	GERESS Array B	27.31	72	P	18 09 49.6			
VRAV	Vranov	29.04	70	LR	18 11 14.3			
KEST	Kesra	29.89	100	LR	18 11 19.1			
ARCES	ARCCESS Array B	35.51	31	P	18 00 43.5	-0.8		
ARCES	ARCCESS Array B	35.51	31	P	18 10 59.2			
TORD	Tordif Arr	42.32	75	LR	18 12 8.7			
TKL	Tukaleeches C	42.67	275	LR	18 17 18.4			
PDAR	Pinedale Array	55.21	297	P	18 03 38.1	+0.2		
PDAR	Pinedale Array	55.21	297	P	18 25 30.5			
MKAR	Makanchi Array	67.74	44	P	18 05 02.8	+0.2		
WRA	Warramunga Arr	148.54	34	PKP	18 13 52.6	+0.3		
ASAR	Alice Springs	151.77	38	PKP	18 13 59.7	-0.2		

SSNC 10 18:02:00.2, 1919N,7826W,h15km,MD3.1,ML3.5
 JSN 10 18:02:03.8z0.9,1929N,7810W,h1km,140km,MD3.9,
 o667/12,1C-2D,Cuba region

ISC 10 18:02:03.2z1.1,1931N,007z781W,02,h8km,7km,n6,
 WVV3.6

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
MBJ	Montego Bay	0.92	169f	Pg	18 02 20.8	0.0		
MBJ	Montego Bay	0.92	169f	Pg	18 02 32.4	-0.3		
LMGC	Las Mercedes	1.24	52	ePg	18 02 27.0	+0.1		
LMGC	Las Mercedes	1.24	52	ePg	18 02 43.3	+0.3		
LMGC	Las Mercedes	1.24	52	ePg	18 02 29.1	-0.1		
LMGC	Las Mercedes	1.24	52	ePg	18 02 48.2	+0.2		
LMGC	Las Mercedes	1.24	52	ePg	18 02 32.8	+0.2		
LMGC	Las Mercedes	1.24	52	ePg	18 02 55.4	-0.5		
LMGC	Las Mercedes	1.24	52	ePg	18 02 41.0	-0.6		
MASC	Masc	3.70	76	ePg	18 03 03.8	+3.2		
MASC	Masc	3.70	76	ePg	18 03 51.1	+6.8		

BJI 10 18:06:05.2,6626N,14293W,h12km,mb4.8,mb4.7,Ms4.2,
 Ms24.0

ISCJB 10 18:06:06.7z0.2,6622N,002z14238W,006,h10km,
 mb4.2/42,MS3.5/10, Error ellipse: s-maj=3.6km

NEIC 10 18:06:07.7,6627N,14231W,h16km,mb4.3/20,MS3.7/1,
 ML4.5(AEIC),MW4.3(SLM),MW4.4(PGC),After AEIC.

PGC 10 18:06:07.6z1.3,6630N,14234W,h10km,ML4.8,2,Mw4.4,
 283km northwest of Dawson, Yt Alaska

IDC 10 18:06:07.6z0.6,6629N,14231W,h0km,mb3.9/16,
 mb1.4/0.17,mb1mx3.9/25,mbtmp3.9/17,ML4.4z2,MS3.4/10,
 Ms1.3/4.0,ms1mx3.1/40,Error ellipse: s-maj=15.7km
 s-min=10.5km az=43.0

ISC 10 18:06:08.5z0.2,6623N,002z14238W,006,h10km,
 (h2km,1.0km)P-P,n106,o132/121,mb4.2z2,MS3.5/10,
 9D,Northern Alaska

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	
Op	ISC	h	m	s	ISC	h	m	s
BM3	Burnt Mountain	1.48	325	P	18 06 33.2	-1.9		
EGAK	Eagle	1.55	160	P	18 06 34.7	-1.4		
IL1	Eielson Array	2.38	234	P	18 06 46.9	-0.7		
DAWY	Dawson	2.52	148	P	18 06 48.2	-1.2		
DAWY	Dawson	2.52	148	P	18 07 19.4	-0.6		
DAWY	Dawson	2.52	148	P	18 07 27.8	-1.4		
COLA	College	2.65	242	P	18 06 50.6	-0.6		
DOT	Dot Lake	2.69	196	P	18 06 51.8	0.0		
BCA3	Beaver Creek A	3.19	175	P	18 06 58.0	+0.6		
COLD	Coldfoot	3.28	291	P	18 06 59.0	-0.6		
MENT	Mentasta	3.36	190	P	18 07 39.5	+1.1		
MCK	McKinley	3.75	231	P	18 07 06.8	-0.1		
MCK	McKinley	3.75	231	P	18 07 52.4	+2.1		
INK	Inuvik	4.02	55	P	18 07 07.7	-2.3		
INK	Inuvik	4.02	55	P	18 07 52.2	-4.9		
INK	Inuvik	4.02	55	P	18 08 10.0			
INK	Inuvik	4.02	55	P	18 09 07.5			
INK	Inuvik	4.02	55	P	18 07 07.9	-2.2		
INK	Inuvik	4.02	55	P	18 07 52.8	-4.3		
INK	Inuvik	4.02	55	P	18 07 19.4	-0.6		
INK	Inuvik	4.02	55	P	18 07 07.6	-2.5		
INK	Inuvik	4.02	55	P	18 07 16.3	-0.6		
INK	Inuvik	4.02	55	P	18 07 17.9	0.0		
INK	Inuvik	4.02	55	P	18 07 16.8	-1.6		
INK	Inuvik	4.02	55	P	18 07 27.0	+1.4		
INK	Inuvik	4.02	55	P	18 07 29.6	-0.5		
INK	Inuvik	4.02	55	P	18 07 29.8	+1.2		
INK	Inuvik	4.02	55</					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, KBTR Krutoberegovo, TUMR Tumrok, etc.

THR 10 18:19:07.0.0.9, 2612N, 5412E, h14km, 13km, ML3.5
CSEM 10 18:19:10.6.0.2, 2646N, 5428E, h10km, ML3.5, Error ellipse: s-maj=7.7km s-min=3.2km az=0.3

ISCJB 10 18:19:15.0.1.0, 2651N, 009.5415E, 007, h46km, 11km, mb3.7/7, Error ellipse: s-maj=15.8km s-min=9.1km az=152.7

NEIC 10 18:19:15.8.1.3, 2649N, 5410E, h35km, mb3.7/3, ML3.5(THR), Error ellipse: s-maj=22.2km s-min=12.3km az=178.0

ISC 10 18:19:16.6.1.0, 2650N, 009.5419E, 008, h41km, 10km, n27, 064/33, mb3.7/7, Southern Iran

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BND5 Bandar-Abbas, GHIR Ghir-Karzin, etc.

ISC 10 18:20:43.4.2.3, 473S, 12901E, h237km, 21km, mb3.1/2, mb1 3.5/6, mb1mx3.2/18, mbtmp3.4/6, Error ellipse: s-maj=33.7km s-min=11.3km az=78.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, etc.

ISC 10 18:44:28.6.17.0, 1445S, 17062E, h0km, mb4.3/5, mb1 4.4/5, mb1mx3.9/18, mbtmp4.3/5, Error ellipse: s-maj=297.7km s-min=97.5km az=70.0, Vanuatu Islands region

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

NIED 10 18:45:00, 3730N, 13670E, h5km, Mw4.8 Best double couple: M2.04000, 1019, NP1: 343.00000, 865.00000, 1.53.00000, NP2: 224.00000, 844.00000, 1.43.00000

JMA 10 18:45:13.8, 3724N, 13665E, h7km, 1km, M5.0 Broadband fault plane solution: P waves. NP1: 342.00000, 856.00000, 1.19.00000, NP2: 241.00000, 874.00000, 1.144.00000, Principal axes: T 2.5370, P 1658.0000, Azm 174.0000, N 0.6100, P 128.0000, Azm 23.0000, P 3.1490, P 13.0000, Azm 286.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 10 18:45:14.8.0.2, 3717N, 13651E, h10km, mb4.7/67, Mw4.8(NIED), Error ellipse: s-maj=5.1km s-min=4.3km az=184.0

NEIC Recorded [4 JMA] in Ishikawa; [3 JMA] in Toyama; [2 JMA] in Fukui, Gifu and Nagano; [1 JMA] in Aichi and Niigata Prefectures.

MOS 10 18:45:16.7.1.0, 3721N, 13657E, h33km, mb4.8/48, MS4.4/24, Error ellipse: s-maj=8.2km s-min=5.0km az=102.1

DJA 10 18:45:16.3716N, 13679E, h10km, mb4.9/11 SZGRF 10 18:45:22.5, 3734N, 13555E, h33km, mb4.5, MS4.6, Sea of Japan

ISC 10 18:45:15.0.0.5, 3720N, 002.13663E, 002, h10km, 2km, h30km, 2.6km, p-P, n296, 0112/309, mb4.6/98, MS4.3/44, 19C-17D, Near west coast of eastern Honshu

JCH Station Name Az Az' Phase ID Time Res ISC. Includes stations like JCH Hakui, JSZ Suzu, etc.

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

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

Table with columns: Call sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Kasperke Hory, ROTZ, GEC2, UBBA, etc.

Table with columns: Call sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MBDF, GRR, ORIF, ANMO, etc.

Table with columns: Call sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WMQ, NJ2, SONM, ULN, etc.

IDC 10 19:13:22.37.2, 2052S-16793E, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.5/1.4, mbtmp3.6/2, Error ellipse: s-maj=297.1km s-min=54.2km az=149.0, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Mont Dzumac, WRA, ASAR, etc.

LDG 10 19:41:19.7:0.2, 2606N:9661E, h10km, Mb4.2/12, Error ellipse: s-maj=12.0km s-min=6.2km az=153.0

IDC 10 19:41:20.3:0.8, 2609N:9694E, h0km, mb4.0/11, mb1 4.1/11, mb1mx3.9/2.4, mbtmp4.0/11, Error ellipse: s-maj=44.6km s-min=16.1km az=55.0

MOS 10 19:41:22.8:0.9, 2602N:9682E, h33km, mb4.5/13, Error ellipse: s-maj=14.9km s-min=6.5km az=122.2

BUI 10 19:41:23.0, 2595N:9660E, h40km, mb4.6, mb4.6, Ms3.8, Ms2.5

ISCJB 10 19:41:24.6: 1.1, 2596N:006-9677E:007, h51km=10km, mb4.2/31, Error ellipse: s-maj=10.9km s-min=9.3km az=142.0

NEIC 10 19:41:26.1:0.9, 2607N:9682E, h46km=7km, mb4.2/16, Error ellipse: s-maj=11.0km s-min=7.1km az=50.0

ISC 10 19:41:27.2:0.8, 2607N:006-3681E:007, h54km=7km, n91, s=104.94, mb4.1/31, 1C-2D, Myanmar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Imp, SHL, LSA, etc.

NEIC 10 20:02:18.4, 5267N:13232W, h20km, ML3.7(PGC), After PGC

PGC 10 20:02:18.4:0.5, 5267N:13232W, h20km, ML3.7/3, 4D, Queen Charlotte Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MOCB, DIB, VIB, etc.

IDC 10 20:10:36.1.2.8.339S-13556E, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.6/13, mbtmp3.8/3, ML3.5/1, MS4.0/1, ms1mx2.7/21, Error ellipse: s-maj=118.4km s-min=29.3km az=79.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JHU Hachioji jima, MKAR Makanchi Array.

NIED 10 20:15:00.2800N:13090E, h5km, Mw3.7 Best double couple: M3.540000,1014 NP1.0=169.0000, 0.854,00000, lambda=121.000000. NP2.0=35.00000, 0.646,00000, lambda=55.00000.

ISC/JB 10 20:15:38.2.0.4, 2806N:13087E.004, h33km, mb3.6/8, Error ellipse: s-maj=5.3km s-min=2.8km az=28.0

JMA 10 20:15:38.2.0.1, 2802N:13092E, h74km, mb3.7, NEIC 10 20:15:40.7.2.8, 2805N:13075E, h34km, mb4.0/2, Error ellipse: s-maj=13.2km s-min=8.9km az=117.0

IDC 10 20:15:40.6.0.0, 2805N:13080E, h29km, mb3.5/6, mb1 3.7/10, mb1mx3.5/24, mbtmp3.7/10, ML3.7/4, Error ellipse: s-maj=25.3km s-min=17.5km az=96.0

ISC 10 20:15:40.6.0.4, 2809N:13079E.004, h35km, n35, 0899/53, mb3.6/8, Ryukyu Islands

Main table for stations 10 20:15:40.6.0.4, 2809N:13079E.004, h35km, n35, 0899/53, Ryukyu Islands. Columns include station codes like JJK, JAM, JTK, etc.

ISC/JB 10 20:18:46.8.0.8, 3894N:004:2643E.008, h3km, 8km, Error ellipse: s-maj=11.2km s-min=4.7km az=156.5

DDA 10 20:18:46.7, 3887N:2628E, h7km, 3km, Md3.0, CSEM 10 20:18:47.9.0.2, 3895N:2651E, h12km, MD3.0, Error ellipse: s-maj=7.4km s-min=3.6km az=61.0

ATH 10 20:18:47.1, 3900N:2662E, h10km, 10km, MD3.1/3, ISC 10 20:18:47.7.0.6, 3893N:004:2643E.009, h8km, 3km, n7, 0872/13, I. Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like PRK Parakevi, KADAG Borovna, BOZC Bozcaada, etc.

ISC/JB 10 20:48:03.6.0.3, 4528N:001:1452E.002, h10km, Error ellipse: s-maj=2.4km s-min=1.9km az=173.6

LDG 10 20:48:03.4.0.2, 4525N:1472E, h10km, ML2.9/8, Error ellipse: s-maj=6.0km s-min=3.9km az=108.0

CSEM 10 20:48:04.2.0.1, 4529N:1491E, h12km, ML3.2/18, Error ellipse: s-maj=2.3km s-min=1.8km az=96.0

NEIC 10 20:48:04.4.0.6, 4531N:1456E, h10km, MD3.2(ROM), ML2.5(LJU), Error ellipse: s-maj=7.5km s-min=4.6km az=107.0

NEIC Felt at Rijeka, PRU 10 20:48:09.9, 4567N:1491E, h0km, ISC 10 20:48:04.0.3, 4527N:001:1456E.002, h10km, n123, 0135/195, 28C-21D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like KNDS Knezi Dol, BRMO Brno, MOTA Moosalm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like CEY Cerknica, BOJS Bojanci, VISS Visnje, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like MYKA Myka, PLRO Paularo, MLNI Malnisio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like KBA Koba, RSM Repubblica di, FSSB Fossombrone, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like ABTA Abta, ARSA Arzberg, ARSA Arsa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like CING Cingoli, CTI Castel Tesino, SEST Monte Rota, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like MOA Mollin, NRCA Norcia, NRCA Norcia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like WATA Walderalm, MABI Malga Bissina, BRMO Brno, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like FETA Fetta, STON Ston, STON Ston, etc.

IDC 10 20:49:02.9.1.1, 073S:13649E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.8/18, mbtmp3.9/8, ML4.0/2, Error ellipse: s-maj=15.1km s-min=11.6km az=77.0

ISC/JB 10 20:49:05.0.6.0, 081S:006:1365E.01, h33km, mb3.9/9, Error ellipse: s-maj=17.6km s-min=8.4km az=172.7

NEIC 10 20:49:07.8.0.4, 080S:13644E, h35km, mb4.0/5, Error ellipse: s-maj=13.2km s-min=5.6km az=77.0

ISC 10 20:49:07.7.0.6, 081S:006:1365E.01, h35km, n25, 080/24, mb3.9/9, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like BARI Baunata, WB2 Warramunga Arr, FITZ Fitzroy Crossi, etc.

IDC 10 20:52:33.8.2.8, 342S:13574E, h0km, mb3.8/2, mb1 4.1/4, mb1mx3.7/14, mbtmp3.9/4, ML3.5/2, MS3.2/1, Ms1 3/21, ms1mx2.6/21, Error ellipse: s-maj=100.0km s-min=27.6km az=85.0

ISC/JB 10 20:52:36.2.1.1, 344S:008:1357E.02, h33km, mb3.7/2, Error ellipse: s-maj=31.4km s-min=10.6km az=168.8

NEIC 10 20:52:38.4.0.9, 346S:13588E, h35km, mb3.8/2, Error ellipse: s-maj=27.1km s-min=8.8km az=79.0

ISC 10 20:52:38.6.1.1, 347S:008:1357E.02, h35km, n12, 0878/14, mb3.7/2, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: FITZ, ASAR, MBWA, KSM, TAU, ENH, MKAR, EKSZ, KURK. Includes station names, times, and phases.

IDC 10 20:56:41.2.21.0, 2193N-14354E, h160km, 143km, mb2.9/5, mb1 3.0/5, mb1mx2/29, mbtmp2.9/5, Error ellipse: s-maj=358.1km s-min=18.6km az=77.0, Mariana Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KSRs, SONM, WRA, ASAR, BVAR.

IDC 10 21:00:33.0/5.0, 1811N-14742E, h0km, mb3.9/14, mb1 4.2/15, mb1mx4/0.23, mbtmp4.0/15, ML4.3/1, MS3.5/2, Ms1 3.5/2, ms1mx2/8/28, Error ellipse: s-maj=25.1km s-min=14.8km az=95.0

ISCBJ 10 21:00:38.7/2.5, 1814N-1473E.01, h50km, 22km, mb4.0/17, Error ellipse: s-maj=22.0km s-min=10.4km az=178.5

NEIC 10 21:00:40.9/1.7, 1809N-14729E, h55km, 15km, mb4.3/5, Error ellipse: s-maj=14.4km s-min=7.3km az=85.0

ISC 10 21:00:41.2/2.1, 1811N-1473E.01, h59km, 19km, n31, -0.78/32, mb4.0/17, Mariana Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like GUMO, MAJO, NACB, KSRs, YSS, WBT, TARRANT, WB2, WRA, FITZ, ASAR, ULN, SONM, LSA, ZAAO, ZALV, MKAR, KURK, BVAR, BRVK, INK, YKA, NVAR, ARCES, PDAR, LPAZ.

NEIC 10 21:39:16.6, 3566S-7220W, h43km, MD3.6(GUC), After GUC

GUC 10 21:39:16.6/0.5, 3566S-7220W, h43km, MD3.6, ML2.9, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like COCH, NICh, NICH, SFDO, CICH, CACH, TACL, LMEL, LMEL, LMEL, FCH, FCH, LMEL, LMEL, FCH, FCH.

IDC 10 21:46:59.8-8.9, 2175N-14293E, h162km, 83km, mb3.3/9, mb1 3.5/9, mb1mx3/4/21, mbtmp3.3/9, MS2.9/3, Ms1 2.9/3, ms1mx2/6/19, Error ellipse: s-maj=39.7km s-min=16.1km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JOW, KSRs, KSRs, PETK, SONM, WRA, ASAR, ZALV, MKAR, YKA, FINES, NVAR.

NIED 10 21:27:00.3730N-13660E, h5km, Mw3.6 Best double couple: M3.20000+1014 NP1.0=347.00000, +85.00000, +74.00000, NP2.0=161.00000, +84.00000, +85.00000

ISCBJ 10 21:27:28.0/1.2, 3729N-13662E.05, h15km, 8km, mb4.4/2, Error ellipse: s-maj=7.1km s-min=5.9km az=138.7

JMA 10 21:27:28.4, 3727N-13668E, h6km, M3.8 JMA Fell III J1

NEIC 10 21:27:29.4/1.0, 3772N-13694E, h46km, 10km, M3.9(JMA), Error ellipse: s-maj=14.9km s-min=10.2km az=206.0

IDC 10 21:27:30.1/3.3, 3772N-13704E, h50km, 27km, mb3.6/1, mb1 3.7/2, mb1mx3/0.23, mbtmp3.5/2, ML3.0/1, Error ellipse: s-maj=41.5km s-min=18.5km az=32.0

ISC 10 21:27:28.9/0.7, 3728N-13671E.005, h10km, 4km, n14, -0.80/21, mb4.4/2, 2C-2D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JJH, JSZ, JHG, JTT, MAJO, MAJO, MAJO, MJAR, MJAR, KSRs, INCN, NACB, BILL, WRAB, WB2, WRA.

ISCBJ 10 21:30:13.3/1.6, 1610S-007.1676E.01, h226km, 14km, mb4.0/17, Error ellipse: s-maj=16.7km s-min=10.4km az=158.2

NEIC 10 21:30:14.6/1.9, 1587S-16764E, h231km, 18km, mb4.5/9, Error ellipse: s-maj=14.0km s-min=11.9km az=65.0

IDC 10 21:30:17.6/3.0, 1593S-16764E, h260km, 29km, mb3.5/8, mb1 3.8/9, mb1mx3/6/18, mbtmp3.7/9, Error ellipse: s-maj=19.7km s-min=15.1km az=65.0

ISC 10 21:30:15.0/1.7, 1605S-007.1676E.01, h226km, 15km, n29, -1.06/29, mb4.0/17, Vanuatu Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like DZM, DZM, HNR, HNR, HNR, EIDS, RAO, CTA, CTA, CTA, STKA, STKA, WB2, WRA, ASAR, FORT, FITZ, FITZ, KLBK, HPO, MJAR, MAJO, VNA, KSRs, GSPA, ULN, SONM, VNA2, VNA2, LPAZ, ARCES.

NEIC 10 21:39:16.6, 3566S-7220W, h43km, MD3.6(GUC), After GUC

GUC 10 21:39:16.6/0.5, 3566S-7220W, h43km, MD3.6, ML2.9, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like COCH, NICh, NICH, SFDO, CICH, CACH, TACL, LMEL, LMEL, LMEL, FCH, FCH, LMEL, LMEL, FCH, FCH.

IDC 10 21:46:59.8-8.9, 2175N-14293E, h162km, 83km, mb3.3/9, mb1 3.5/9, mb1mx3/4/21, mbtmp3.3/9, MS2.9/3, Ms1 2.9/3, ms1mx2/6/19, Error ellipse: s-maj=39.7km s-min=16.1km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JOW, KSRs, KSRs, PETK, SONM, WRA, ASAR, ZALV, MKAR, YKA, FINES, NVAR.

NIED 10 21:27:00.3730N-13660E, h5km, Mw3.6 Best double couple: M3.20000+1014 NP1.0=347.00000, +85.00000, +74.00000, NP2.0=161.00000, +84.00000, +85.00000

ISCBJ 10 21:27:28.0/1.2, 3729N-13662E.05, h15km, 8km, mb4.4/2, Error ellipse: s-maj=7.1km s-min=5.9km az=138.7

JMA 10 21:27:28.4, 3727N-13668E, h6km, M3.8 JMA Fell III J1

NEIC 10 21:27:29.4/1.0, 3772N-13694E, h46km, 10km, M3.9(JMA), Error ellipse: s-maj=14.9km s-min=10.2km az=206.0

IDC 10 21:27:30.1/3.3, 3772N-13704E, h50km, 27km, mb3.6/1, mb1 3.7/2, mb1mx3/0.23, mbtmp3.5/2, ML3.0/1, Error ellipse: s-maj=41.5km s-min=18.5km az=32.0

ISC 10 21:27:28.9/0.7, 3728N-13671E.005, h10km, 4km, n14, -0.80/21, mb4.4/2, 2C-2D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JJH, JSZ, JHG, JTT, MAJO, MAJO, MAJO, MJAR, MJAR, KSRs, INCN, NACB, BILL, WRAB, WB2, WRA.

ISCBJ 10 21:30:13.3/1.6, 1610S-007.1676E.01, h226km, 14km, mb4.0/17, Error ellipse: s-maj=16.7km s-min=10.4km az=158.2

Table with columns: WRAB, WRA, WRA, FITZ, BATI, MBWA, NWAO, NWAO, VNA, CASY, GSPA, PETK, PMSA, SONM, YBH, LPIG, BBB, TXAR, LPAZ, KECS, BSEG, VYSE, BRG, BRG, CLM, CLM, CLM, NRDL, CLN, TAZ, NKC, MOX, KHC, GECC, GERS, ROTZ, WET, GRA1, BRG, STU, WLF, GIVF, BFO, BAIF, CDF, HINF, HAU, MEZF, LOR, SSF, LPL, LPG, TCF, ESDC.

THE 10 22:04:13.0, 3922N-2384E, h18km, ML2.2, Aegean Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like AOS, XOS, PAIG, PAIG, OUR, RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI, RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI.

CSEM 10 22:04:24.9, 3839N-2202E, h19km, MD2.9, After ATH

ATH 10 22:04:24.9, 3839N-2202E, h19km, MD2.9, After ATH

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI, RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI.

NEIC 10 22:04:24.9, 3839N-2202E, h19km, MD2.9(ATH), After ATH

CSEM 10 22:04:24.9, 3839N-2202E, h19km, MD2.9, After ATH

ATH 10 22:04:24.9, 3839N-2202E, h19km, MD2.9, After ATH

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI, RLS, RLS, RLS, EVR, VLS, VLS, ITM, VLI.

ISC 10 22:57:16.7/0.1, 4000N-2819E, h20km, MD2.9, Error ellipse: s-maj=1.8km s-min=1.4km az=113.0

ISC 10 22:57:16.8, 3999N-2821E, h20km, MD2.9

ISC 10 22:57:17.5/0.4, 4000N-2822E.005, h25km, 5km, Error ellipse: s-maj=6.9km s-min=4.7km az=19.3

DDA 10 22:57:19.1, 3993N-2778E, h7km, 3km, Md2.8

ISC 10 22:57:17.6/0.4, 4000N-2822E.005, h23km, 6km, n19, -0.59/25, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BTOK, BTOK, BTOK, KARAC, BNT, BNT, BALB, BALB, DST, BMY, BMY, GEMT, GEMT, IZI, IZI, VLV, VLV, RKY, RKY, MFT, MFT, AKHS, AKHS, AKS, AKS, ADVT, ADVT, EZINE, EZINE, KULA, KULA, ALTA, ALTA.

MOS 10 23:04:01.2/1.0, 3589N-7073E, h33km, mb4.3/8, Error ellipse: s-maj=13.4km s-min=7.8km az=106.9

IDC 10 23:04:03.5/4.3, 3573N-7053E, h53km, 46km, mb3.6/12, mb1 3.9/16, mb1mx3/7/26, mbtmp3.7/16, ML3.8/4, MS2.8/1, Ms1 2.9/1, ms1mx2/2/33, Error ellipse: s-maj=31.8km s-min=16.8km az=14.0

NEIC 10 23:04:07.0/0.7, 3584N-7078E, h94km, 8km, mb4.1/11, Error ellipse: s-maj=16.8km s-min=10.4km az=158.2

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BTOK, BTOK, BTOK, KARAC, BNT, BNT, BALB, BALB, DST, BMY, BMY, GEMT, GEMT, IZI, IZI, VLV, VLV, RKY, RKY, MFT, MFT, AKHS, AKHS, AKS, AKS, ADVT, ADVT, EZINE, EZINE, KULA, KULA, ALTA, ALTA.

Error ellipse: s-maj=7.8km s-min=5.5km az=53.0
ISCJB 1023:04:07.0.0.3,3590N:003:7075E.004,h99km,5.6km,
mb3.9/20,Error ellipse: s-maj=5.5km s-min=4.0km
az=161.9

BUI 1023:04:09.0,3598N:7065E,h104km,mb4.4,mb4.3
NMC 1023:04:21.5.13.0,3697N:7030E,h94km,170km,mb3.8,
mpv4.7,Error ellipse: s-maj=105.5km s-min=93.4km
az=128.0

ISC 1023:04:08.7.0.3,3587N:002:7073E.004,h99km,4km,n97,
r122/121,mb3.9/20,6CZ70,Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations including Kabul, Chirah, Thame Waili, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Borovoye, Aktubinsk, Aktyubinsk, etc.

GII 1023:04:41.6.1.6,2890N:3374E,h0km,ML2.8/6,
EXPLOSION

SGS 1023:04:44.0.0,2903N:3367E,h5km
CSEM 1023:04:45.7.0.8,2891N:3385E,h10km,ML2.8,Error
ellipse: s-maj=19.9km s-min=8.1km az=79.0

ISC 1023:04:42.1.1.3,2895N:004:3360E.008,h0km,n16,
r073/24, Egypt

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including RSHS, HOLS, etc.

ISC 1023:12:16.5.1.5,2495N:12781E,h0km,mb3.5/3,mb1 3.8/4,
mb1mx3.6/17,mbtpp3.6/4,Error ellipse:
s-maj=137.2km s-min=23.1km az=70.0,Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including WRA, ASAR, etc.

0.7nm,0.4s,baz=343,slow=11,SNR=20
SONM Songoiro Array 53.50 342 P P 23 21 39.3 +0.7
MKAR Makanchi Array 63.28 327 P P 23 22 46.9 -0.2

NEIC 1023:15:11.0,2886S:7104W,h46km,MD3.7(GUC),After
GUC.

GUC 1023:15:11.0.0.8,2886S:7104W,h46km,3km,MD3.7,
ML3.4,4C-2D,Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Las Campanas, Valienar, etc.

IDC 1023:31:06.0.1.3,3429S:17886W,h0km,mb4.3/3,
mb1 4.4/4,mb1mx4.0/16,mbtpp4.3/4,ML4.1/1,MS3.4/2,
Ms1 3.3/2,ms1mx2.8/19,Error ellipse: s-maj=42.7km
s-min=27.9km az=132.0

ISCJB 1023:31:15.3.1.6,3465S:01:1792W.02,h83km,16km,
mb4.1/4,Error ellipse: s-maj=32.3km s-min=16.2km
az=23.0

NEIC 1023:31:16.9.1.1,3460S:17910W,h87km,9km,mb4.1/1,
Error ellipse: s-maj=17.9km s-min=10.3km az=119.0

ISC 1023:31:17.1.1.5,3465S:01:1792W.02,h81km,n18,
r050/12,mb4.1/4,1D,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Urewera, Raoul Island, etc.

CSEM 1023:35:15.7.0.2,4553N:1439E,h15km,ML2.8/5,Error
ellipse: s-maj=3.1km s-min=2.1km az=24.0

ROM 1023:35:15.8.0.9,4536N:1427E,h10km,ML2.9/4,ML1.6/1,
Error ellipse: s-maj=22.5km s-min=8.0km az=50.0

ISCJB 1023:35:16.0.0.4,4556N:002:1441E.003,h10km,Error
ellipse: s-maj=3.5km s-min=2.6km az=37.3

PRU 1023:35:16.2,4571N:1515E,h0km
LJU 1023:35:16.2,4556N:1439E,h13km,ML2.2

ISC 1023:35:16.6.0.5,4555N:002:1443E.003,h12km,4km,n36,
r091/72,9C-2AD,Northern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including Knezi Dol, Cerknica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBKA Obir, NVLJ Novajia, BNLJ Bernadia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGUA Iguatata, PARY Parray, BILV Tunapuhua vol, etc.

Table with columns: TKL, Tuckaleechee C, 38.95 354, LR, LR, 00 44 17.9. Includes stations like Tuckaleechee C, Pickwick Lake, Juncton City, etc.

ISK 10 23:36:12.8, 3892N-2639E, h10km, MD3.3
DDA 10 23:36:12.7, 3891N-2644E, h8km, 5km, MD3.1
ATH 10 23:36:12.4, 3890N-2639E, h19km, 1km, MD3.1/4

ISC 10 23:36:13.0, 3893N-2647E, h5km, MD3.1, Error ellipse: s-maj=2.1km s-min=1.4km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRK Paraskevi, AYVA Ayvalik, URLA Izmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPZV Limon Verde, LVC Limon Verde, etc.

Table with columns: TKL, Tuckaleechee C, 38.95 354, LR, LR, 00 44 17.9. Includes stations like Wyandotte Cave, Prospectdale, Parma, etc.

IGQ 11 00:19:31.6, 383S-7896W, h108km, 10km, Mb5, 2, Ms5.1, Error ellipse: s-maj=8.4km s-min=2.6km az=101.5
MOS 11 00:19:34.0, 383S-7903W, h42km, mb5, 38S, MS4.1/5, Error ellipse: s-maj=7.1km s-min=4.7km az=90.6

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

Table with columns: TKL, Tuckaleechee C, 38.95 354, LR, LR, 00 44 17.9. Includes stations like HDIL Hopedale, ALLY Alegheny Colle, 319A Dougas, etc.

WES	Weston	45.94	8	P	P	00 27 51.8	-3.0
CBKS	Cedar Bluff	46.02 337	eP	P	pmax	00 27 55.8	+0.3
CBKS	Cedar Bluff	46.02 337	eP	P	pmax	00 27 55.8	+0.3
217A	Green Valley	46.12 321	P	P		00 27 56.7	+0.3
118A	Homack Ranch	46.20 323	U	P		00 27 57.5	+0.5
Z19A	T-Link Ranch	46.24 324	U	P		00 27 57.9	+0.5
TUC	Tucson	46.46 322	eP	P	pmax	00 27 59.0	-0.1
TUC	Tucson	46.46 322	eP	P	pmax	00 27 59.0	-0.1
Z18A	Geronimo	46.55 323	U	P		00 28 00.2	+0.5
117A	Oracle	46.62 322	P	P		00 28 00.7	+0.4
ACCN	Adirondack Com	46.66 5	eP	P		00 28 00.5	+0.1
ACCN	Adirondack Com	46.66 5	eP	P		00 28 00.5	+0.1
216A	Three Points	46.67 321	U	P		00 28 00.9	+0.2
Y19A	Nutrios	46.71 325	U	P		00 28 02.0	+0.9
SCIA	State Center	46.76 345	eP	P		00 27 59.2	-2.0
SCIA	State Center	46.76 345	eP	P		00 27 59.2	-2.0
Z17A	San Carlos Hig	46.96 323	U	P		00 28 01.1	-2.0
Y18A	Canyon Day Jun	47.04 324	P	P		00 28 04.0	+0.5
JFWS	Jewell Farm	47.05 349	eP	P	pmax	00 28 01.0	-2.5
JFWS	Jewell Farm	47.05 349	eP	P	pmax	00 28 01.0	-2.5
X19A	St. Johns	47.07 325	U	P		00 28 04.4	+0.6
HNH	Hanover	47.12 7	P	P		00 28 03.9	-0.1
HNH	Hanover	47.12 7	P	P		00 28 03.9	-0.1
NCB	Newcomb	47.19 5	eP	P		00 29 55.4	-0.3
NCB	Newcomb	47.19 5	eP	P		00 29 55.4	-0.3
116A	Eloy	47.20 322	U	P		00 29 34.4	-0.5
Y17A	Roosevelt	47.46 323	U	P		00 28 06.9	+0.1
X18A	Snowflake	47.52 325	U	P		00 28 08.0	+0.6
Z16A	Perrita Tr	47.56 323	U	P		00 28 07.6	0.0
SDCO	Great Sand Dun	47.62 331	eP	P		00 28 08.2	+0.2
SDCO	Great Sand Dun	47.62 331	eP	P		00 28 08.2	+0.2
115A	Sonoran Desert	47.62 321	U	P		00 29 35.4	-1.1
W19A	Sanders	47.63 326	U	P		00 28 08.7	+0.6
LBNH	Lisbon	47.69 7	eP	P		00 28 08.8	+0.4
LBNH	Lisbon	47.69 7	eP	P		00 28 08.8	+0.4
LBNH	Lisbon	47.69 7	eP	P		00 28 08.8	+0.4
SADO	Sadowa	47.80 360	P	P		00 29 36.5	-0.1
SADO	Sadowa	47.80 360	P	P		00 29 36.5	-0.1
LONY	Lake Ozonia	47.81 4	eP	P		00 28 08.2	-1.2
W18A	Petrified Fore	47.83 326	U	P		00 29 36.7	-0.3
V19A	Window Rock	47.88 327	U	P		00 28 10.7	+0.6
X17A	Forest Lakes	47.89 324	P	P		00 28 11.2	+1.1
Y16A	Circle Bar Ran	47.97 323	P	P		00 28 11.5	+0.7
Z15A	Gila River Ind	47.98 322	U	P		00 28 10.9	+0.1
FRNY	Flat Rock	48.11 5	eP	P		00 28 11.2	-0.4
FRNY	Flat Rock	48.11 5	eP	P		00 28 11.2	-0.4
X16A	Lo Mia Camp, P	48.32 324	U	P		00 29 37.8	-0.4
W17A	Winslow	48.36 325	U	P		00 28 14.2	+0.5
V18A	Ganado	48.37 326	U	P		00 28 13.9	+0.1
Z14A	Wintersburg	48.51 321	U	P		00 28 15.2	+0.2
Y15A	Casa Rosa Ranc	48.53 322	U	P		00 28 15.3	+0.2
113A	Mohawk Valley	48.64 320	U	P		00 28 16.0	0.0
MVCO	Mesa Verde	48.70 328	U	P		00 28 16.5	+0.2
MVCO	Mesa Verde	48.70 328	U	P		00 28 16.5	+0.2
X15A	Humboldt	48.84 323	P	P		00 29 40.5	+0.1
W16A	Flagstaff	48.84 324	P	P		00 28 18.4	+0.9
U18A	Rough Rock, Ch	48.85 327	U	P		00 28 17.6	+0.1
Y14A	Wickenburg	48.93 322	U	P		00 28 18.4	+0.2
112A	Yuma	49.02 319	U	P		00 28 18.8	-0.1
WUAZ	Wupatki	49.05 325	P	P		00 28 19.8	+0.8
WUAZ	Wupatki	49.05 325	P	P		00 28 19.7	+0.7
PKME	Peaks-Kenny Pk	49.06 9	eP	P		00 29 41.7	-0.1
RW3	Ridgway	49.08 330	eP	P		00 28 12.5	-6.7
X14A	Yava	49.22 323	P	P		00 28 21.0	+0.6
ISCO	Idaho Springs	49.31 333	eP	P		00 29 21.0	0.0
ISCO	Idaho Springs	49.31 333	eP	P		00 29 21.0	0.0
ISCO	Idaho Springs	49.31 333	eP	P		00 29 21.0	0.0
ISCO	Idaho Springs	49.31 333	eP	P		00 28 22.2	+1.0
U16A	Tuba City	49.35 325	U	P		00 28 21.9	+0.5
Y13A	Salome	49.36 321	U	P		00 28 21.7	+0.2
ECSD	EROS,Stioux Fal	49.37 343	eP	P		00 28 19.8	-1.5
PV01	Paradox Valley	49.44 329	eP	P		00 28 22.5	+0.5
SMCO	Snowmass	49.45 331	eP	P		00 28 22.6	+0.6
SMCO	Snowmass	49.45 331	eP	P		00 28 22.6	+0.6
GLA	Glamis	49.50 320	eP	P	pmax	00 29 43.8	+0.7
GLA	Glamis	49.50 320	eP	P	pmax	00 29 43.8	+0.7
GLA	Glamis	49.50 320	eP	P	pmax	00 29 43.8	+0.7
V15A	Kaibab Nationa	49.72 324	U	P		00 28 25.2	+1.0
W14A	Seligman	49.84 323	U	P		00 28 25.8	+0.7
PV10	Paradox Valley	49.86 329	eP	P		00 28 23.1	-2.1
PV10	Paradox Valley	49.86 329	eP	P		00 29 44.8	+0.2
PDMCI	Parker Dam,Lak	49.88 321	U	P		00 28 25.5	+0.1
X13A	Yucca	49.88 322	U	P		00 28 25.4	0.0
COWI	Conover	49.94 351	eP	P		00 28 23.6	-2.1

SWSC	Sam W. Stewart	50.06 319	U	P		00 28 27.0	+0.2
DVTC	Desert V Tower	50.09 318	P	P		00 28 27.2	+0.2
V14A	Boullis Ranc	50.14 323	U	P		00 28 28.2	+0.9
T16A	Glen Canyon Da	50.16 326	U	P		00 28 28.0	+0.5
U15A	North Rim	50.22 325	P	P		00 28 28.7	+0.8
W13A	Hualapai Mount	50.25 322	P	P		00 28 29.0	+0.8
BC3	Big Chuck Mtn	50.29 320	P	P		00 28 28.8	+0.3
IRM	Iron Mountain	50.42 321	U	P		00 28 29.8	+0.3
MONP	Monument Peak	50.44 318	U	P		00 28 29.9	+0.2
PHWY	Pyramid Hill	50.47 334	eP	P		00 28 29.9	+0.2
PHWY	Pyramid Hill	50.47 334	eP	P		00 29 46.7	-0.1
NEE2	Needles Airpor	50.48 322	U	P		00 28 30.1	+0.2
T15A	Red Dirt Ranch	50.68 325	P	P		00 28 32.0	+0.6
U14A	Mt Trumbull	50.72 324	U	P		00 28 32.4	+0.7
V13A	Grano Canyon W	50.81 323	U	P		00 28 32.9	+0.5
BELC	Belle Mtn.	50.86 320	P	P		00 28 33.2	+0.4
109C	Camp Elliot, M	50.90 318	U	P		00 28 33.1	0.0
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.0	-0.2
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.5	+0.3
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.5	+0.3
PFO	Pinyon Flat Ob	50.91 319	P	P		00 29 48.7	+0.1
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.1	-0.1
PFO	Pinyon Flat Ob	50.91 319	P	P		00 29 48.2	
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.6	+0.4
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.1	-0.1
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.6	+0.4
PFO	Pinyon Flat Ob	50.91 319	P	P		00 28 33.1	-0.1
W12A	Cal Nev Ari	50.99 322	U	P		00 28 33.8	+0.1
T14A	Hurricane	51.11 325	P	P		00 28 35.3	+0.6
S15A	Panguitch	51.13 326	U	P		00 28 35.3	+0.5
GMRC	Granite Mounta	51.14 321	P	P		00 28 35.3	+0.4
SRU	San Rafael	51.18 329	eP	P		00 28 35.1	0.0
SRU	San Rafael	51.18 329	eP	P		00 29 49.3	
SRU	San Rafael	51.18 329	eP	P		00 28 35.1	0.0
SRU	San Rafael	51.18 329	eP	P		00 29 49.3	-0.2
V12A	Nelson	51.26 322	P	P		00 28 36.1	+0.4
Q16A	Castle Valley	51.38 328	P	P		00 28 36.8	+0.2
MURC	Murrieta	51.40 319	U	P		00 28 36.9	+0.1
U12A	Valley of Fire	51.54 323	U	P		00 28 38.2	+0.4
RWWY	Rawlins	51.55 333	eP	P		00 28 37.8	0.0
RWWY	Rawlins	51.55 333	eP	P		00 29 50.7	-0.1
RWWY	Rawlins	51.55 333	eP	P		00 28 38.8	+0.8
RWWY	Rawlins	51.55 333	eP	P		00 28 39.0	+0.7
CCUT	Cedar City	51.61 325	eP	P		00 28 39.5	+1.1
CCUT	Cedar City	51.61 325	eP	P		00 29 51.2	0.0
BBRC	Big Bear Sol-O	51.62 320	U	P		00 28 39.5	+1.1
MSU	Marysvalle	51.63 327	eP	P		00 28 38.6	+0.2
MSU	Marysvalle	51.63 327	eP	P		00 29 51.3	
S14A	Cedar City	51.65 325	U	P		00 28 39.2	+0.6
TMUT	Trail Mountain	51.68 328	eP	P		00 28 39.9	+0.1
TMUT	Trail Mountain	51.68 328	eP	P		00 28 55.8	-3.1
V11A	Goodsprings	51.68 322	U	P		00 28 39.1	+0.2
TUQ	Turquoise Mtn.	51.73 321	U	P		00 28 39.5	+0.2
ARUT	Antelope Range	51.82 325	eP	P		00 28 40.3	+0.4
ARUT	Antelope Range	51.82 325	eP	P		00 30 38.7	
S13A	Holt Ranch, En	51.92 325	U	P		00 28 41.7	+1.0
SCI	San Clemente I	51.92 317	U	P		00 28 41.0	+0.2
R14A	James Farms, M	51.94 326	U	P		00 28 41.1	+0.3
U11A	Corn Creek	52.04 323	U	P		00 28 42.1	+0.5
RRX	Edison Barstow	52.06 320	U	P		00 28 42.2	+0.5
CIS	Catalina Islan	52.08 318	U	P		00 28 41.9	-0.1
B15C	Mount Baldy St	52.09 319	P	P		00 28 42.1	+0.1
QFSC	Fillmore	52.09 327	U	P		00 28 42.1	+0.3
EYMN	Ely	52.14 349	eP	P		00 28 39.8	-2.2
EYMN	Ely	52.14 349	eP	P		00 29 52	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 009A Fish Creek Ran, YMR Madison River, K13A Stover Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like F13A Darby, L07A Adell, J09A Fry Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KRMB Bend, I05A Hull Mountain, H05A Madras, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like La Plagne, Mont Tournerai, Hinterfeld, Saorge, Echery, Champ du Feu, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Vanda, Vanda, MANZ, ROTZ, WERD, WERN, ABTA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Obninsk, Kislodovsk, Arti, Yakutsk, Borovoye, Khabarovsk, Novosibirsk, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like XAN Xi'an, MBWA Marble Bar, WHN Wuhan, DANN Dangising, KOLD Koldanda, GKN Gorkha, KKN Kakani, DMN Daman, GUN Gumba, PKI Pulchoki, JIRN Jiri, LSA Lhasa, CD2 Chengdu, HYB Hyderabad, GYA Guiyang, KMI Kunming, and CHTO Chiang Mai.

Table with columns for station name, frequency, power, and signal strength. Includes stations like TPNV Topopah Spring, Q11A Duckwater, V12A V12A, V13A V13A, Q15A Fillmore, R10A Warm Springs, R10A Nelson, V14A Boquillas Ranc, V14A V14A, V11A Goodsprings, T16A Glen Canyon Da, S10A Tonopah Ranch, P12A McGill, U10A Ash Meadows, A V15A Kaibab Nationa, W12A Cal Nev Ari, Q10A Clear Creek Ra, W13A Hualapai Mount, W14A Seligman, W14A W14A, SHOC Shoshone, P11A Circle Ranch, P15A Lemington, FURC Furnace Creek, R09A Tonopah, R09A Turquoise Mtn, S09A Goldfield, S09A Williams, GRAC Grapevine Rang, NEE2 Needles Airpor, P16A Fountain Green, O12A Currie, O12A Currie, O12A Currie, Q09A Carvers, TMUT Trail Mountain, DUG Dugway, DUG Dugway, P10A Eureka, NLU North Lily Min, WUAZ Wuzuki, WUAZ Wuzuki, X13A Yucca, X13A Yucca, O11A Cowboy Ranch, GMRC Granite Mounta, GMRC Granite Mounta, W16A Flagstaff, W16A Flagstaff, MPU Maple Canyon, MPMC Manual Prospec, MPMC Manual Prospec, GSC Goldstone, GSC Goldstone, GSC Goldstone, X14A Yava.

Table with columns for station name, frequency, power, and signal strength. Includes stations like SRU San Rafael, P09A Austin, HEC Hector Ludlow, S08C White Mtn Res, X15A Humoldt, R08A Mina, N13A Wendover, West, O10A Cortez Mining, N14A Grayback Hills, IRM Iron Mountain, N12A Clover Valley, U18A Rough Rock, Ch, NOQ North Oquirrh, BGU Big Grassy Mou, RRR Edison Barstow, DAU Daniels Canyon, Y14A Wickenburg, CTU Camp Tracy, O09A Fish Creek Ran, Y13A Salome, X16A Lo Mia Camp, P, V18A Ganad, Y15A Casa Rosa Ranc, BELC Belle Mtn, MLAC Mammoth Lakes, BMN Battle Mountai, BMN BMN, SPUT South Promonto, BC3 Big Chuck Wmth, PV10 Paradox Valley, M15A Larsen Ranch, M11A Holland Ranch, KCC Kaiser Creek, N09A Rock Creek Ran, PV01 Paradox Valley, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, HVU Hansel Valley, BFSC Mount Baldy St, MVCO Mesa Verde, MVCO Mesa Verde, MVCO Mesa Verde, GLA Glamis, GLA Glamis, HWUT Hardware Ranch, ARVC Arvin, T06C Millerton Lake, N08A GE Springer Mi, S06C San Francisco, MURC Murrieta, N13A Mohawk Valley, PAHR Pat Rah Range, L11A Cat Creek Ranc, N12A Yuma, MONP Monument Peak, RW3 Ridgway, RW3 Ridgway, 109C Camp Elliot, M, BEKR Beckwourth, N06A Buffalo Meadow, M07A Soldier Meadow, AHID Auburn Hatcher, SMCO Snowmass, SMCO Snowmass, TUC Tucson, TUC Tucson, Q05C Quincy, HLID Hailey, WVOR Wild Horse Val, OHCM Honcut, REDW Red Top Meadow, LAZ Lador, TPAW Teton Pass, SNOW Snow King Moun, MOD Modoc, ANMO Albuquerque, LEAM Lemons, LOHW Long Hollow, RWWY Rawlins, SDCO Great Sand Dun, LPM Los Pinos Moun, BNM Bannock Site, IFCO Idaho Springs, MCKM McKenzie Canyo, PHWY Pilot Hill, BMO Bismontains, BMO Bismontains, BMO Bismontains, RLMT Red Lodge, MNTX Cornudas Mount, MNTX Cornudas Mount, MNTX Mount Ida.

ISCJB 11 01:03:46.5-0.1, 3748N-11402W-001, h10km, Error ellipse: s-maj=1.6km s-min=1.4km az=43.1

NEIC 11 01:03:46.0, 3748N-11401W, h7km, mb3.6/1, ML3.9(SLC), MW3.9(SLM), After SLC.

NEIC Felt [V] at Central. Felt at Dammeron Valley, Ivins and Saint George. Also felt at Caliente and Mesquite, Nevada.

ISC 11 01:03:47.1-0.1, 3748N-11401W-001, h10km, m157, r1s10/233, 73C-76D, Southern Nevada

Table with columns for station name, frequency, power, and signal strength. Includes stations like S13A Holt Ranch, En, T13A Saint George, CCUT Cedar City, ARUT Antelope Range, S12A Delamar Landin, S14A Cedar City, S14A Hurricane, T14A Hurricane, R12A Pony Springs, R12A Pony Springs, T11A Corn Creek, AI, R14A James Farms, M, R14A Valley of Fire, U12A Mt Trumbull, U14A Mt Trumbull, S15A Pangitoch, S15A Red Dirt Ranch, T15A Rachel, S11A Rachel, Q13A Wheeler Ranch, R11A Troy Canyon, C, U11A Corn Creek, V13A Grand Canyon W, V13A Willow Creek R, Q12A North Rim, U15A Marysville, MSU Marysville, TPNV Topopah Spring.

Table with columns for station name, frequency, power, and signal strength. Includes stations like S13A Holt Ranch, En, T13A Saint George, CCUT Cedar City, ARUT Antelope Range, S12A Delamar Landin, S14A Cedar City, S14A Hurricane, T14A Hurricane, R12A Pony Springs, R12A Pony Springs, T11A Corn Creek, AI, R14A James Farms, M, R14A Valley of Fire, U12A Mt Trumbull, U14A Mt Trumbull, S15A Pangitoch, S15A Red Dirt Ranch, T15A Rachel, S11A Rachel, Q13A Wheeler Ranch, R11A Troy Canyon, C, U11A Corn Creek, V13A Grand Canyon W, V13A Willow Creek R, Q12A North Rim, U15A Marysville, MSU Marysville, TPNV Topopah Spring.

Table with columns for station name, frequency, power, and signal strength. Includes stations like S13A Holt Ranch, En, T13A Saint George, CCUT Cedar City, ARUT Antelope Range, S12A Delamar Landin, S14A Cedar City, S14A Hurricane, T14A Hurricane, R12A Pony Springs, R12A Pony Springs, T11A Corn Creek, AI, R14A James Farms, M, R14A Valley of Fire, U12A Mt Trumbull, U14A Mt Trumbull, S15A Pangitoch, S15A Red Dirt Ranch, T15A Rachel, S11A Rachel, Q13A Wheeler Ranch, R11A Troy Canyon, C, U11A Corn Creek, V13A Grand Canyon W, V13A Willow Creek R, Q12A North Rim, U15A Marysville, MSU Marysville, TPNV Topopah Spring.

ISCJB 11 01:34:57.4-1.3, 199S-02, 1778W-02, h497km-21km, mb3.77, Error ellipse: s-maj=33.3km s-min=15.2km az=144.4
NEIC 11 01:34:58.5-1.3, 1997S-17769W, h500km-17km, mb4.1/2, Error ellipse: s-maj=29.7km s-min=13.5km az=149.0
IDC 11 01:35:07.9-6.4, 2037S-17775W, h622km-83km, mb3.1/6, mb1 3.4/7, mb1mx3.1/18, mbtmp3.2/7, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, URZ Urewera, CTA Charters Tower, etc.

ISCJB 11 01:45:05.9-0.8, 218N-0.1x143.1E, 0.2, h33km, mb3.8/8, Error ellipse: s-maj=28.7km s-min=16.3km az=164.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSR Korea Array, SONM Songoing Array, WRA Warramunga Arr, etc.

ATH 11 02:09:11.9, 3908N-2677E, h5km, 3km, MD3.0/3 DDA 11 02:09:12.5, 3893N-2637E, h7km, 4km, MD3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRK Paraskevi, AYVA Ayvalik, ZALV Zalesovo Beam, etc.

BJI 11 02:14:26.6, 344N-9529E, h35km, mB4.7, mb4.8, Ms4.2, Ws3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, KULLM Kullim, SNG Songkhla, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHTO Chiang Mai, HYB Hyderabad, KMI Kunming, etc.

WRA Warramunga Arr 44.89 123 P P 02 22 41.8 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WBR Warramunga Arr, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DPC GRESS Array B, KHC Kaspersee Hory, GRA1 Grafenberg Arr, etc.

NIED 11 02:16:00, 4340N-14730E, h17km, Mw3.7 Best double couple: M4.55000x1014 NP1to151.00000, .884.00000, 1.7-0.00000, NP2to241.00000, .883.00000, 1.1-1.74.00000

JMA 11 02:16:18.1, 0.3, 4342N-14725E, h19km, 4km, M3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

ISCJB 11 02:18:05.3, 1.6, 2648N-007-5425E-0.05, h6km, 12km, mb3.4, Error ellipse: s-maj=12.6km s-min=3.2km az=0.8

Error ellipse: s-maj=8.6km s-min=4.6km az=17.3
MEX 11 02:18:39.8,0.6,1423N-93.44W,h34km,99qkm,MD4.5
NEIC 11 02:18:40.9,1.431N-93.46W,h20km,mb4.1/4,
MD4.6(MEX),After MEX.
CASC 11 02:18:46.5,1.2,1445N-92.53W,h59qkm,MD3.6,
mb4.6(NEIC)
ISC 11 02:18:36.9,0.8,1416N-006.9337W,0.04,h35km,n41,
e121/47,mb4.2/2,4C-4D,Near coast of Chiapas

ellipse: s-maj=11.4km s-min=11.0km az=122.9
IDC 11 03:21:07.0,0.9,1376S-167.03E,h192km,7m,mb4.1/16,
mb1.4/2/16,mb1mx4.1/18,mbtmp4.1/16,MS3.5/1,
Ms1.3/4/1,ms1mx2.7/24,Error ellipse: s-maj=14.2km
s-min=10.4km az=122.0
NEIC 11 03:21:09.5,2.1,1373S-167.05E,h216km,19km,mb4.6/16,
Error ellipse: s-maj=10.6km s-min=9.5km az=153.0
BUJ 11 03:21:11.5,1293S-166.86E,h211km,mb4.8,mb4.8
ISC 11 03:21:06.4,0.3,1374S-005.16715E-007,h190km,
h190km,1.6km;pP-P,n184,c0594/82,mb4.5/35,6C-6D,

ZAK ZAK e pP 03 34 04.3 -1.1
ZAK comp=2.6,0nm,1.2s,mb4.2
ZAK comp=2.2,0nm,1.1s,mb3.8 pmax pmax
IMA2 Indian Mountai 84.73 15 eP P 03 33 18.5 -0.1
TLY Talaya 85.11 326j eP P 03 33 21.0 +0.1
TLY comp=2.1,0nm,0.9s,mb3.5 pmax pmax

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Jato, Comitan, Fuego 3, San Cristobal, Pacaya, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Eidsvold, Afiamaul, Charters Tower, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Talya, Mira Array Bea, Gumbha, etc.

ISCJB 11 02:20:17.0,2.0,86S-02-1594E,0.02,h92km,22km,
mb3.7/6,Error ellipse: s-maj=39.0km s-min=29.1km
az=40.5

ellipse: s-maj=33.6km s-min=20.3km az=138.0
Error ellipse: s-maj=33.6km s-min=20.3km az=138.0
IDC 11 02:20:17.2,1.9,861S-159.29E,h74km,19km,mb3.6/5,
mb2.3/8/5,mb1mx3.6/15,mbtmp3.6/5,Error ellipse:
s-maj=30.4km s-min=26.5km az=74.0

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

NEIC 11 02:20:17.5,1.9,856S-159.48E,h84km,20km,mb3.9/1,
Error ellipse: s-maj=33.6km s-min=20.3km az=138.0
IDC 11 02:20:17.2,1.9,861S-159.29E,h74km,19km,mb3.6/5,
mb2.3/8/5,mb1mx3.6/15,mbtmp3.6/5,Error ellipse:
s-maj=30.4km s-min=26.5km az=74.0

ISC 11 02:20:17.6,2.1,86S-02-1595E,0.02,h85km,23km,n10,
e181/10,mb3.7/6,Bougainville - Solomon Islands
region

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Honiara, Comitan, Fuego 3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Marble Bar, Kellerberrin, Narrogin, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like TLY, Mira Array Bea, Gumbha, etc.

CSEM 11 02:35:44.0,1.0,3836N-3103E,h2km,MD3.0,Error
ellipse: s-maj=2.3km s-min=1.9km az=22.0
ISCJB 11 02:35:45.4,0.7,3934N-004.3104E,0.04,h3km,7m,
Error ellipse: s-maj=7.9km s-min=4.9km az=171.8

MBWA Marble Bar 45.70 254 eP P 03 29 08.6 -0.2
MBWA comp=2.1,4nm,0.9s,mb4.6 ePcP PcP
KLCR Kellerberrin 48.49 240 eP P 03 29 42.6 -1.0
KLCR comp=5.5,5nm,0.6s,mb4.4 eP PcP

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

DDA 11 02:35:45.7,3839N-3099E,h7km,2km,MD2.9
ISK 11 02:35:45.4,3834N-3102E,h2km,MD3.0
ISC 11 02:35:46.1,0.6,3834N-005.3103E,0.04,h9km,6km,n12,
e077/17,Turkey

NWAO Narrogin (SRO) 49.16 238 eP P 03 29 34.4 -0.9
NWAO comp=2.1,3nm,0.9s,mb4.6 eP PcP
NWAO Narrogin (SRO) 49.16 238 eP P 03 29 34.4 -0.9
NWAO comp=2.1,3nm,0.9s,mb4.6 eP PcP

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Shuhut-Afyon, Tektetpe, Kizilcal, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like Kul dur, Vanda, Vanda, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Rows include stations like TLY, Mira Array Bea, Gumbha, etc.

MAN 11 03:16:15,1361N-12267E,h5km,mb4.7,ML3.6,MS3.6,
Luzon

MAW Mawson 82.75 202 eP P 03 33 08.8 +0.1
MAW comp=2.9,5nm,0.9s,mb4.5,baz=105,slo=6.9,SNR=13
MAW Mawson 82.75 202 eP P 03 33 08.8 +0.1
MAW comp=2.9,5nm,0.9s,mb4.5,baz=105,slo=6.9,SNR=13

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

ISCJB 11 03:21:04.0,0.3,1376S-167.10E,0.07,h188km,
mb4.5/35,Error ellipse: s-maj=10.3km s-min=7.2km
az=19.1
MOS 11 03:21:07.5,1.1,1370S-166.99E,h204km,mb4.5/10,Error

MCK McKinley 84.25 18 eP P 03 33 15.4 -0.9
ZAK Zakamensk 84.68 325j eP P 03 33 18.8 0.0

TYLTY 85.11 326j eP P 03 33 21.0 +0.1
TYLTY comp=2.1,0nm,0.9s,mb3.5 pmax pmax
TYLTY comp=2.0,5nm,0.6s,mb3.5,baz=210,slo=5.2,SNR=3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like VSL Villasalto, MTLF Montoliu, EPF Esparros, etc.

NAO 11 03:34:43.0±1.9, 6757N, 3389E, ML1.6
CSEM 11 03:34:43.8±3.0, 6671N, 3242E, h5km, ML2.6, Error ellipse: s-maj=155.2km s-min=65.7km az=66.0

ISCJB 11 03:34:45.9±1.3, 6762N, 004±33.1E, 0.2, h0km, Error ellipse: s-maj=11.4km s-min=5.9km az=1.1

HEL 11 03:34:45.1, 6754N, 3399E, h0km, ML1.9, Explosion
IDC 11 03:34:46.2±1.8, 6762N, 3339E, h0km, mb1.3/3.5, mb1mx3.1/2.5, mbtmp3.5, ML2.8/5, Error ellipse: s-maj=18.6km s-min=9.8km az=84.0

ISC 11 03:34:44.6±1.1, 6769N, 003-335E, 0.2, h0km, n19, n1848/31, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like APA0 Apatity Array, APAA Sodankylä, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KEV Kevo, ARA0 ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like NACB Ninganchiao, ENA Nanau, ENA Shoufeng Towns, etc.

CSEM 11 03:50:56.9, 3895N, 2155E, h22km, MD3.1/3, After ATH
ATH 11 03:50:56.9, 3895N, 2155E, h22km, 7km, MD3.1/3, 3C, Greece

IGO 11 03:57:10.2, 252S, 7694W, h134km, 9km, Mb4.8, Ms4.7, Error ellipse: s-maj=6.9km s-min=3.9km az=40.9

MOS 11 03:57:12.3, 1.1, 210S, 77.17W, h132km, mb4.5/38, Error ellipse: s-maj=10.3km s-min=7.3km az=97.5

ISCJB 11 03:57:14.6, 0.3, 219S, 003-77.18W, 0.03, h154km, 2km, mb4.4/38, Error ellipse: s-maj=5.6km s-min=5.9km az=37.5

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like IGO 11 03:57:10.2, MOS 11 03:57:12.3, etc.

IDC 11 03:57:14.9, 0.5, 221S, 77.16W, h145km, 4km, mb3.9/21, mb1.4/26, mb1mx4.1/29, mbtmp4.0/26, MS3.8/9, Ms1.3/7.9, ms1mx3.4/34, Error ellipse: s-maj=12.1km s-min=7.1km az=69.0
BUJ 11 03:57:15.7, 220S, 77.20W, h152km, mb4.9, GCMT 11 03:57:15.7, 0.3, 231S, 77.28W, h153km, 2km, MW5.1/66, Moment Tensor Solution. s44, c53; s66, c13; Duration: 0. Moment tensor: Scale 10^18Nm; Mr=3.48; 14; Mw=0.78; 15; Mw2.70; 19; Mw2.49; 11; Mw>2.10; 12; Mw>2.02; 14; Best double couple: M4.95900, 10^16 N1: s=162.0000; s2: 0.0000; s3: -66.0000; NP2: c615.0000; c66.0000; c1: -1.02.0000; Principal axes: T 5.1480, Plg20.0000; Azms4.0000; N -0.3730, Plg11.0000; Azm3.0000; P -4.7700, Plg67.0000; Azm203.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
NEIC 11 03:57:15.7, 0.2, 217S, 77.18W, h153km, 6km, mb4.5/70, MD4.8(GO), Error ellipse: s-maj=7.6km s-min=5.0km az=60.0
NEIC Fell at Santa Isabel, Ecuador, ISC 11 03:57:15.2, 0.3, 218S, 003-7709W, 0.03, h143km, 2km, n148km, 1.7km; pp-P, n466, c672/435, mb4.4/98, 97C-103D, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PATA Patacocha, ULBA Ulba, ARRY Arroyo, etc.

ISC 11 03:57:15.2, 0.3, 218S, 003-7709W, 0.03, h143km, 2km, n148km, 1.7km; pp-P, n466, c672/435, mb4.4/98, 97C-103D, Peru-Ecuador border region

ISC 11 03:57:15.2, 0.3, 218S, 003-7709W, 0.03, h143km, 2km, n148km, 1.7km; pp-P, n466, c672/435, mb4.4/98, 97C-103D, Peru-Ecuador border region

ISC 11 03:57:15.2, 0.3, 218S, 003-7709W, 0.03, h143km, 2km, n148km, 1.7km; pp-P, n466, c672/435, mb4.4/98, 97C-103D, Peru-Ecuador border region

ISC 11 03:57:15.2, 0.3, 218S, 003-7709W, 0.03, h143km, 2km, n148km, 1.7km; pp-P, n466, c672/435, mb4.4/98, 97C-103D, Peru-Ecuador border region

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

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

217A	Green Valley	46.52 319	↑P	P	04 05 28.8 +0.4
118A	Homack Ranch	46.54 321	↑P	P	04 05 29.0 +0.4
TUC	Tucson	46.84 320	eP	Pmax	04 05 31.0 0.0
TUC	comp=Z,4.0nm,0.8s,mb4.1				
TUC	Tucson	46.84 320	eP	P	04 05 31.0 +0.1
117A	Oracle	46.98 320	↑P	P	04 05 32.3 +0.2
Y19A	Nutriso	46.99 323	↑P	P	04 05 32.7 +0.6
216A	Three Points	47.08 319	↑P	P	04 05 32.9 +0.1
Z17A	San Carlos Hig	47.29 321	↑P	P	04 05 34.6 +0.2
X19A	St. Johns	47.33 323	↑P	P	04 05 35.1 +0.4
Y18A	Canyon Day Jun	47.34 322	↑P	P	04 05 35.1 +0.4
116A	Eloy	47.60 319	↑P	P	04 05 37.2 +0.4
SDCO	Great Sand Dun	47.64 329	eP	P	04 05 37.6 +0.5
SDCO	comp=Z,11nm,1.0s,mb4.4				
Y17A	Roosevelt	47.79 321	↑P	pP	04 06 11.2 +1.8
X18A	Snowflake	47.80 323	↑P	P	04 05 38.7 +0.4
Z16A	Peralta Trail	47.92 320	↑P	P	04 05 39.5 +0.2
115A	Sonoran Desert	48.03 319	↑P	P	04 05 40.3 +0.2
W18A	Petrified Fore	48.07 324	↑P	P	04 05 40.8 +0.4
Y19A	Window Rock	48.08 325	↑P	P	04 05 41.0 +0.5
X17A	Forest Lakes	48.19 322	↑P	P	04 05 41.9 +0.6
Y16A	Circle Bar Ran	48.31 321	↑P	P	04 05 42.5 +0.3
V18A	Ganado	48.60 324	↑P	P	04 05 44.7 +0.3
X16A	Lo Mia Camp	48.64 322	↑P	P	04 05 45.3 +0.3
MVCO	Mesa Verde	48.84 326	↑P	P	04 05 46.6 +0.4
Y15A	Casa Rosa Ranc	48.90 320	↑P	P	04 05 47.0 +0.3
ECSD	EROS, Sioux Fal	48.95 341	eP	P	04 05 43.9 -3.0
U18A	Rough Rock, Ch	49.05 325	↑P	P	04 05 48.1 +0.2
113A	Mohawk Valley	49.09 318	↑P	P	04 05 48.4 +0.2
W16A	Flagstaff	49.14 322	↑P	P	04 05 49.1 +0.6
X15A	Humboldt	49.18 321	↑P	P	04 05 49.5 +0.6
COWI	Conover	49.24 349	eP	P	04 05 46.9 -2.2
ISCO	Idaho Springs	49.28 331	eP	Pmax	04 05 48.9 -0.6
ISCO	comp=Z,2.0nm,0.7s,mb3.9				
ISCO	Idaho Springs	49.28 331	eP	P	04 05 48.9 -0.6
Y14A	Wickenburg	49.31 320	↑P	P	04 05 50.1 +0.2
WUAZ	Wupatki	49.32 323	↑P	P	04 05 50.5 +0.6
WUAZ	comp=Z,14nm,1.0s,mb4.5				
WUAZ	Wupatki	49.32 323	eP	P	04 05 49.3 -0.7
112A	Yuma	49.49 317	↑P	P	04 05 49.9 -1.4
PV01	Paradox Valley	49.54 327	eP	P	04 05 52.0 +0.4
X14A	Yava	49.58 321	↑P	P	04 05 52.3 +0.4
U16A	Tuba City	49.60 323	↑P	P	04 05 52.3 +0.3
GLA	Glamis	49.97 318	↑P	P	04 05 54.7 -0.2
PV10	Paradox Valley	49.97 327	eP	P	04 05 54.5 -0.3
V15A	Kaibab Nationa	50.01 322	↑P	P	04 05 55.7 +0.5
W14A	Seligman	50.18 321	↑P	P	04 05 56.6 +0.2
X13A	Yuca	50.26 320	↑P	P	04 05 58.8 -0.2
V14A	Boquillas Ranc	50.46 322	↑P	P	04 05 59.0 +0.4
U15A	North Rim	50.48 323	↑P	P	04 05 59.2 +0.5
SWSC	Sam W. Stewart	50.55 317	↑P	P	04 05 59.1 -0.2
W13A	Hualapai Mount	50.61 321	↑P	P	04 06 00.2 +0.5
BC3	Big Chuck Mtn	50.74 318	↑P	P	04 06 00.8 +0.1
IRM	Iron Mountain	50.85 319	↑P	P	04 06 01.4 0.0
T15A	Red Dirt Ranch	50.93 323	↑P	P	04 06 02.4 +0.3
MONP	Monument Peak	50.95 317	↑P	P	04 06 02.4 +0.2
114A	Mt Trumbull	51.02 322	↑P	P	04 06 03.0 +0.2
V13A	Grand Canyon W	51.15 321	↑P	P	04 06 03.7 0.0
BELC	Belle Mtn.	51.31 318	↑P	P	04 06 04.9 -0.1
PFO	Pinyon Flat Ob	51.39 317	↑P	P	04 06 05.5 0.0
EYMN	Ely	51.48 348	eP	P	04 06 03.1 -2.8
Q16A	Castle Valley	51.53 326	↑P	P	04 06 06.6 +0.1
GMRC	Graffiti Mounta	51.56 319	↑P	P	04 06 07.0 +0.2
V12A	Nelson	51.62 321	↑P	P	04 06 07.4 +0.2
MSU	Marysvale	51.82 325	eP	P	04 06 09.3 +0.7
T13A	Saint George	51.85 322	↑P	P	04 06 08.8 -0.1
U12A	Valley of Fire	51.87 321	↑P	P	04 06 09.1 +0.1
MURC	Murieta	51.89 317	↑P	P	04 06 09.2 0.0
HEC	Hector, Ludlow	52.03 319	↑P	P	04 06 10.4 +0.2
S13A	Holt Ranch, En	52.19 323	↑P	P	04 06 12.1 +0.7
BFSC	Mount Baldy St	52.57 317	↑P	P	04 06 14.2 0.0
GSC	Goldstone	52.62 319	eP	Pmax	04 06 15.0 +0.4
GSC	comp=Z,4.0nm,0.8s,mb4.2				
GSC	Goldstone	52.62 319	↑P	P	04 06 14.8 +0.2
GSC	Goldstone	52.62 319	eP	P	04 06 15.0 +0.3
111A	Corn Creek, AI	52.80 322	↑P	P	04 06 16.1 +0.2
AGMN	Agassiz Refuge	52.86 344	eP	P	04 06 14.3 -1.9
U10A	Ash Meadows, A	52.99 320	↑P	P	04 06 17.3 0.0
R12A	Pony Springs,	53.12 323	↑P	P	04 06 18.6 +0.3
EDW2	Edwards Air Fo	53.16 318	↑P	P	04 06 18.4 -0.2
Q13A	Wheeler Ranch,	53.19 324	↑P	P	04 06 18.5 -0.1
TPNV	Topopah Spring	53.26 321	↑P	P	04 06 19.8 +0.5
TPNV	Topopah Spring	53.26 321	eP	P	04 06 19.9 +0.6
DUG	Dugway	53.33 326	eP	Pmax	04 06 17.5 -2.2
DUG	comp=Z,7.0nm,0.9s,mb4.4				
DUG	Dugway	53.33 326	↑P	P	04 06 20.2 +0.5
DUG	Dugway	53.33 326	eP	P	04 06 17.5 -2.2
FURC	Furnace Creek,	53.36 320	↑P	P	04 06 20.4 +0.4
S11A	Rachel	53.38 322	↑P	P	04 06 20.3 +0.2

BLG	Laguna Peak	53.46 316	↑P	P	04 06 21.0 +0.2
PDAR	Pinedale Array	53.46 331	P	P	04 06 19.2 -1.4
PDAR	comp=Z,0.7nm,0.5s,mb3.6,baz=124,slow=9.8,SNR=8.8				
PDAR	comp=Z,0.7nm,0.8s,baz=116,slow=1.0,SNR=2.7				
PDAR	comp=Z,70nm,19.3s,baz=328,slow=37				
P13A	Bates Ranch, G	53.51 325	↑P	P	04 06 21.4 +0.3
MPMC	Manual Prospe	53.52 319	↑P	P	04 06 21.4 +0.2
HWUT	Hardware Ranch	53.64 328	eP	P	04 06 21.5 -0.5
Q12A	Willow Creek R	53.72 324	↑P	P	04 06 22.9 +0.4
R11A	Troy Canyon, C	53.73 323	↑P	P	04 06 22.9 +0.2
P12A	McGill	54.04 324	↑P	P	04 06 25.1 +0.2
S10A	Tonopah Range,	54.08 322	↑P	P	04 06 25.9 +0.7
Q11A	Duckwater	54.08 323	↑P	P	04 06 25.7 +0.5
S09A	Goldfield	54.35 321	↑P	P	04 06 27.5 +0.3
Q10A	Clear Creek Ra	54.52 322	↑P	P	04 06 28.7 +0.3
M14A	Sheep Mountain	54.52 327	↑P	P	04 06 28.0 -0.3
ULM	Lac du Bonnet	54.66 345	P	P	04 06 27.1 -2.1
ULM	comp=Z,12nm,0.5s,mb4.9,baz=158,slow=8.0,SNR=35				
ULM	comp=Z,2.7nm,0.6s,baz=163,slow=9.1,SNR=1.8				
S08C	White Mtn Res	54.81 320	↑P	P	04 06 30.9 +0.4
HELL	Mitchell Peak	54.88 319	↑P	P	04 06 31.0 -0.1
KCC	Kaiser Creek	55.45 319	↑P	P	04 06 34.6 -0.5
NVAR	Mina Array Bea	55.45 321	P	P	04 06 35.9 +0.8
Q08A	Gabbs	55.48 322	↑P	P	04 06 35.4 +0.1
M11A	Holland Ranch,	55.84 325	↑P	P	04 06 37.8 +0.1
O09A	Fish Creek Ran	55.84 323	↑P	P	04 06 37.8 0.0
U04C	Hernandez Rese	55.88 318	↑P	P	04 06 37.9 -0.2
V03C	Hunter Liggett	56.00 317	↑P	P	04 06 39.4 +0.3
S06C	San Francisco	56.12 320	↑P	P	04 06 39.6 -0.2
S05C	Merced	56.12 319	↑P	P	04 06 39.4 -0.5
K12A	Draper Farm, C	56.14 327	↑P	P	04 06 40.1 +0.2
R06C	Coleville	56.23 321	↑P	P	04 06 40.4 -0.3
J13A	Cove Ranch, Pi	56.27 328	↑P	P	04 06 40.7 -0.1
L11A	Cat Creek Ran	56.30 326	↑P	P	04 06 41.0 0.0
HAST	Hastings Reser	56.41 317	↑P	P	04 06 41.4 -0.5
N09A	Rock Creek Ran	56.47 324	↑P	P	04 06 42.3 0.0
HLID	Hailey	56.51 328	↑P	P	04 06 42.2 -0.3
BOZ	Bozeman (W)	56.59 332	↑P	P	04 06 43.0 -0.1
MCMT	McKenzie Canyo	56.59 330	eP	P	04 06 43.3 +0.2
I13A	Wildhorse Cree	56.60 329	↑P	P	04 06 43.3 +0.4
L10A	Juniper Basin	56.64 326	↑P	P	04 06 43.9 +0.4
G15A	Dillon	56.66 331	↑P	P	04 06 43.3 -0.3
J12A	Stokes Ranch,	56.66 327	↑P	P	04 06 43.4 -0.2
R05C	Kirkwood Meado	56.73 320	↑P	P	04 06 44.2 0.0
N08A	GE Springer Mi	56.78 323	↑P	P	04 06 43.2 -1.3
K11A	Parker Ranch,	56.85 326	↑P	P	04 06 45.0 +0.1
O07A	Toulon	56.85 322	↑P	P	04 06 44.6 -0.4
WCN	Washoe City	56.88 321	↑P	P	04 06 45.3 +0.1
R04C	Big Horse Ran	57.03 319	↑P	P	04 06 46.3 0.0
H13A	Challis	57.12 329	↑P	P	04 06 47.6 +0.8
F15A	Butte	57.15 331	↑P	P	04 06 47.1 +0.1
MFID	Gamas Ranch	57.17 327	↑P	P	04 06 47.3 +0.2
LAVA	Lava Cap Winer	57.19 320	↑P	P	04 06 47.4 0.0
L09A	Wilkinson Ran	57.29 325	↑P	P	04 06 47.7 -0.3
K10A	MacKenzie Ran	57.32 326	↑P	P	04 06 48.4 +0.2
M08A	Happy Creek Ra	57.34 324	↑P	P	04 06 48.7 +0.3
H12A	Diamond D Ranc	57.42 329	↑P	P	04 06 49.1 +0.2
P05C	Yuba Gap, Truc	57.42 321	↑P	P	04 06 49.5 +0.5
O06A	Flanigan	57.44 322	↑P	P	04 06 49.1 0.0
SCHO	Schefferville	57.44 7	P	P	04 06 47.8 -1.0
SCHO	comp=Z,0.7nm,0.4s,mb3.8,baz=235,slow=6.8,SNR=3.8				
G13A	Cobalt	57.48 330	↑P	P	04 06 49.4 +0.1
EGMT	Eggleton	57.53 335	↑P	P	04 06 49.9 +0.3
I11A	Placerville	57.57 328	↑P	P	04 06 50.4 +0.4
BEKR	Beckworth	57.59 321	↑P	P	04 06 50.3 +0.2
E15A	Deer Lodge	57.64 332	↑P	P	04 06 50.3 -0.2
Q04C	Lincoln	57.65 320	↑P	P	04 06 50.6 0.0
K09A	Rome	57.75 325	↑P	P	04 06 51.6 +0.4
M07A	Soldier Meadow	57.77 323	↑P	P	04 06 51.0 -0.5
L08A	Fields	57.78 325	↑P	P	04 06 51.2 -0.3
N06A	Buffalo Meadow	57.79 322	↑P	P	04 06 52.0 +0.5
O05C	Quincy	57.99 321	↑P	P	04 06 53.4 +0.4
F13A	Darby	58.01 330	↑P	P	04 06 53.1 +0.1
WVOR	Wild Horse Val	58.11 325	eP	Pmax	04 06 52.7 -1.0
WVOR	Wild Horse Val	58.11 325	eP	Pmax	04 06 52.7 -1.0
H11A	Donnelly	58.13 328	↑P	P	04 06 54.2 +0.3
ORV	Oroville	58.13 320	↑P	P	04 06 53.7 -0.2
SUTB	Sutter Butte	58.13 320	↑P	P	04 06 53.8 -0.2
L07A	Adell	58.26 324	↑P	P	04 06 54.6 -0.2
O04C	Chester	58.31 321	↑P	P	04 06 55.0 -0.2
M06C	Likely Place G	58.45 323	↑P	P	04 06 56.2 0.0
D14A	Greenough	58.53 332	↑P	P	04 06 56.5 -0.1
I09A	Lost Marbles R	58.58 327	↑P	P	04 06 57.1 +0.1
J08A	Circle Bar Ran	58.59 326	↑P	P	04 06 57.4 +0.3
K07A	Rock Creek Ran	58.62 325	↑P	P	04 06 57.4 +0.1

O03C	Acorn Hollow,	58.72 321	↑P	P	04 06 57.9 -0.1
G11A	Walters Elk Ra	58.73 329	↑P	P	04 06 57.6 -0.5
M05C	Lookout	58.95 322	↑P	P	04 06 59.5 -0.1
D13A	Huson	59.00 331	↑P	P	04 06 59.6 -0.2
F11A	Grangeville	59.01 329	↑P	P	04 06 59.5 -0.4
G10A	Bishop Farm, J	59.11 328	↑P	P	04 07 01.1 +0.5
C14A	Swan Lake	59.14 332	↑P	P	04 07 01.2 +0.4
L05A	Lakeview	59.16 323	↑P	P	04 07 01.5 +0.5
E11A	Bogner Ranch,	59.35 329	↑P	P	04 07 01.6 -0.7
D12A	Red Ives Fores	59.40 331	↑P	P	04 07 01.7 -0.9
H08A	Prairie City	59.44 327	↑P	P	04 07 03.0 +0.1
C13A	Hot Springs	59.47 331	↑P	P	04 07 02.8 -0.2
J06A	Christmas Vall	59.49 325	↑P	P	04 07 02.7 -0.6

comp=E,2um,15.0s					
NEM2 Nemuro 2	5.89 243	P	Pn	04 21 08.6 -2.0	
NEM2		eS	P	04 22 13.8 -3.0	
JRA Nauus	6.01 250	P	Pn	04 21 12.6 +0.4	
JNK Nakash	6.43 248	P	Pn	04 21 17.9 0.0	
JNK		eS	Pn	04 22 30.3 +0.3	
JTKR Abashiri-Toko	6.80 253	P	Pn	04 21 23.8 +0.8	
YSS Yuzh-Sakhalins	7.05 279	ePN	Pn	04 21 31.0 +4.5	
YSS		eS	Pn	04 22 51.9 +6.6	
comp=E,40nm,1.0s					
YSS		pmx	pmx		
comp=Z,60nm,1.0s					
YSS		MLR	MLR		
comp=E,800nm,15.0s					
YSS		MLR	MLR		
comp=Z,700nm,15.0s					
YSS Yuzh-Sakhalins	7.05 279	eP	Pn	04 21 31.0 +4.5	
YSS		AMB	AMB	04 21 32.0	
comp=Z,40nm,1.0s					
YSS		AMB	AMB	04 21 32.0	
comp=Z,60nm,1.0s					
YSS		eS	Pn	04 22 51.9 +6.6	
YSS		AMS	AMS	04 24 08.0	
comp=Z,800nm,15.0s					
YSS		AMS	AMS	04 24 08.0	
comp=Z,700nm,15.0s					
YSS Yuzh-Sakhalins	7.05 279	ePN	Pn	04 21 30.1 +3.6	
JWP Maruseppu	7.15 255	P	Pn	04 21 28.8 +1.0	
JAR Ashorobuto	7.18 249	P	Pn	04 21 28.2 0.0	
JAR		eS	Pn	04 22 48.6 +0.2	
JOB Onbets	7.33 246	P	Pn	04 21 29.4 -0.8	
JOB		eS	Pn	04 22 50.3 -1.7	
PETK Petropavlovsk-	7.50 222	P	Pn	04 21 30.4 -2.1	
PETK		LR	LR	04 24 02.6	
comp=Z,1.2nm,0.3s,baz=174,slow=12,SNR=24					
JKK2 Kamakawa 2	7.61 255	P	Pn	04 21 35.5 +1.4	
ASAJ Asahikawa	7.62 257	P	Pn	04 21 35.9 +1.6	
ASAJ Asahikawa	7.62 257	P	Pn	04 21 36.0 +1.7	
comp=Z,1.5nm,0.3s,baz=95,slow=13,SNR=19					
ASAJ		LR	LR	04 24 17.8	
comp=Z,424nm,20.8s,baz=12,slow=36					
ASAJ Asahikawa	7.62 257	Pn	Pn	04 21 36.0 +1.7	
ASAJ		pmx	pmx		
ASAJ		MLR	MLR		
comp=Z,424nm,20.8s					
PET Petropavlovsk	7.70 27	ePN	Pn	04 21 30.3 -5.0	
PET		MLR	MLR		
comp=Z,200nm,18.0s					
JCH Churui	7.77 245	P	Pn	04 21 35.2 -1.2	
JCH		eS	Pn	04 22 58.6 -4.4	
JWK2 Keihoku	7.79 267	P	Pn	04 21 42.0 +5.7	
UGL Uglegorsk	7.86 295	ePN	Pn	04 21 42.0 +4.4	
UGL		pmx	pmx		
comp=Z,400nm,6.0s					
UGL		MLR	MLR		
comp=N,500nm,16.0s					
UGL		MLR	MLR		
comp=Z,900nm,16.0s					
UGL		MLR	MLR		
comp=Z,900nm,16.0s					
JFR Furan	8.00 251	P	Pn	04 21 40.0 +0.5	
JEM Ashibetsu	8.10 254	P	Pn	04 21 42.6 +1.7	
JAB Erimo	8.23 246	P	Pn	04 21 42.3 -0.3	
JEM		eS	Pn	04 23 10.4 -3.7	
ERM Erimo	8.23 242	ePN	Pn	04 21 41.5 -1.1	
ERM		pmx	pmx		
comp=Z,43nm,0.6s					
ERM Erimo	8.23 242	eP	Pn	04 21 42.5 -0.1	
ERM		ePN	Pn	04 21 41.5 -1.1	
comp=Z,43nm,0.6s					
ERM		eS	Pn	04 23 11.9 -2.3	
JNBK Urakawa-nobuka	8.33 245	P	Pn	04 21 42.8 -1.2	
JNBK		eS	Pn	04 23 13.9 -2.9	
JNB Kaboribetsu	9.34 250	P	Pn	04 21 57.7 -0.1	
JNB Kayabe	9.63 247	P	Pn	04 21 59.6 -2.2	
JKB		eS	Pn	04 23 41.7 -6.9	
OKH Okha	9.73 322	ePN	Pn	04 22 05.2 +5.1	
JSH Shimam	9.91 253	P	Pn	04 22 06.5 +0.8	
JANG Nango	10.20 239	P	Pn	04 22 05.2 -4.4	
JANG		eS	Pn	04 23 52.9 -1.0	
JTM Tenmabayashi	10.22 244	P	Pn	04 22 06.8 -3.1	
JTM		eS	Pn	04 23 54.7 -8.3	
JOSM Okushiri-Mats	10.54 251	P	Pn	04 22 12.2 -2.1	
OFUJ Ofunato	10.97 233	P	Pn	04 22 15.4 -4.8	
JRG Rokugo	11.35 237	P	Pn	04 22 22.1 -3.2	
HABR Khabarovsk	12.33 287	ePN	Pn	04 22 37.5 -1.2	
MA2 Magadan	13.39 355f	ePN	Pn	04 22 53.4 +0.4	
MA2		pmx	pmx		
KLR Kul'dur	14.56 289	eP	Pn	04 23 06.8 -2.2	
KLR		MLR	MLR		
comp=E,800nm,14.0s					
KLR		MLR	MLR		
comp=Z,800nm,14.0s					
MAJO Matsushiro	14.70 234	eP	Pn	04 23 08.8 -2.2	
MAT Matsushiro	14.70 234	eS	Pn	04 23 07.0 -4.0	
MAT		eS	Pn	04 25 53.0 +0.4	
MJAR Matsushiro Arr	14.70 234	P	Pn	04 23 07.2 -3.7	
MDJ Mudanjiang	16.47 273	P	Pn	04 23 33.6 -0.1	
MDJ		AP	pP	04 23 44.1 -1.9	
MDJ		XP	sP	04 23 48.2 -3.2	
MDJ		S	S	04 26 33.9 -1.2	
MDJ		SCP	ScP	04 31 57.3 +2.9	
MDJ		PCS	PcS	04 32 00.7 +1.7	
MDJ		AMB	AMB		
comp=Z,20nm,1.3s					
MDJ		AMB	AMB		
comp=Z,44nm,7.1s					
MDJ		LR	LR		
comp=N,151nm,18.6s					
MDJ		LR	LR		
comp=E,119nm,22.5s					
MDJ		LR	LR		
comp=Z,295nm,16.6s					
MDJ Mudanjiang	16.47 273	ePN	Pn	04 23 31.4 -2.2	
MDJ		ePN	Pn	04 24 08.9 -2.5	
CN2 Changchun	19.56 273	eP	Pn	04 24 08.9 -2.5	
CN2		AMB	AMB		
comp=Z,10.0nm,0.7s					
CLNS Chul'man	20.25 312	eP	P	04 24 17.9 +0.6	
CLNS		ePPP	S	04 24 37.5 -1.0	
CLNS		eS	S	04 27 55.5 -6.4	
CLNS		eS	S	04 28 23.7	
CLNS		e	S	04 28 32.1	
comp=N,4.0nm,0.8s					
CLNS		pmx	pmx		
comp=E,8.0nm,0.8s					
CLNS		pmx	pmx		
comp=Z,20nm,0.8s					
CLNS		pmx	pmx		
comp=Z,11nm,0.7s					
CLNS		pmx	pmx		
comp=N,9.0nm,0.8s					
CLNS		pmx	pmx		
comp=E,8.0nm,0.7s					
CLNS		smx	smx		
comp=N,6.0nm,0.8s					
CLNS		smx	smx		
comp=E,10.0nm,0.8s					
CLNS		smx	smx		
comp=Z,5.0nm,0.8s					
CLNS		MLR	MLR		
comp=N,300nm,16.0s,MS4.0					
CLNS		MLR	MLR		
comp=E,400nm,16.0s,MS4.0					
CLNS		MLR	MLR		
comp=Z,600nm,16.0s,MS4.0					
KSR5 Korea Array	20.55 254	P	P	04 24 22.1 +1.4	
comp=Z,5.9nm,0.8s,baz=59,slow=10,SNR=24					
YAK Yakutsk	20.66 328	eP	P	04 24 20.3 -1.4	
YAK		LR	LR	04 31 28.5	
comp=Z,128nm,18.9s,MS3.3,baz=255,slow=34					
KSR5		LR	LR	04 24 20.3 -1.4	
YAK		eS	P	04 24 35.2	
YAK		eS	S	04 28 09.9 -0.1	
YAK		eS	S	04 28 32.9	
YAK		eS	S	04 35 43.8	
comp=Z,10.0nm,0.9s					
YAK		pmx	pmx		
comp=N,4.0nm,1.2s					
YAK		pmx	pmx		

YAK	comp=E,2.0nm,0.7s			pmx	pmx
YAK	comp=Z,29nm,0.4s			pmx	pmx
YAK	comp=N,23nm,1.4s			pmx	pmx
YAK	comp=E,11nm,1.2s			pmx	pmx
YAK	comp=N,31nm,2.5s			smx	smx
YAK	comp=E,49nm,2.7s			smx	smx
YAK	comp=Z,160nm,14.0s,MS3.5			MLR	MLR
YAK	comp=N,143nm,17.0s			MLR	MLR
YAK	comp=E,68nm,11.0s			MLR	MLR
JNU Nakatsue	21.38 240	P	P	04 24 30.8 +1.1	
JNU	comp=E,7.0nm,0.8s,mb4.1,baz=26,slow=14,SNR=4.7			04 32 25.6	
SNY Shenyang	21.51 269	eP	P	04 24 33.0 +2.0	
SNY	comp=Z,100nm,8.7s			AMB	AMB
SNY	comp=N,180nm,19.2s,MS3.8			LR	LR
SNY	comp=E,257nm,17.1s,MS3.8			LR	LR
SIA Heilan	22.42 290	iP	P	04 24 40.4 -0.2	
BILL Bilibino	22.85 13j	eP	P	04 24 45.2 -0.1	
BILL		eS	S	04 28 48.6 -3.2	
comp=Z,4.0nm,0.6s,mb4.0				pmx	pmx
BILL	comp=Z,100nm,17.0s,MS3.3			MLR	MLR
BILL	22.88 13	eP	P	04 24 45.5 +0.2	
comp=Z,7.0nm,0.8s,mb4.1				eP	P
BJI Beijing	27.36 270	P	P	04 25 27.4 +0.5	
BJI	comp=Z,9.0nm,0.8s,mb4.3			AMB	AMB
BJI	comp=Z,130nm,5.6s			AMB	AMB
BJI	comp=N,107nm,16.8s,MS3.9			LR	LR
BJI	comp=N,107nm,16.8s,MS3.9			LR	LR
BJI	comp=E,269nm,17.1s,MS3.9			LR	LR
BJI	comp=Z,198nm,20.8s,MS3.7			LR	LR
TIXI Tiksi	27.89 344j	eP	P	04 25 31.6 +0.3	
TIXI	comp=Z,1.0nm,0.5s,mb3.7			pmx	pmx
TIXI	comp=Z,200nm,15.0s,MS3.8			MLR	MLR
NJ2 Nanjing	29.75 254	eP	P	04 25 50.9 +2.7	
NJ2	comp=Z,30nm,0.7s,mb5.1			AMB	AMB
HHC Hu-ho-hao-te	30.22 275	eP	P	04 25 51.1 -1.1	
HHC		AP	pP	04 28 01.1 -2.5	
HHC		XP	sP	04 26 07.2 -1.5	
HHC		PP	PP	04 26 50.2 -1.1	
HHC		PCP	PcP	04 28 52.1 -0.1	
HHC		XS	sS	04 30 45.1 -3.5	
HHC		SS	SS	04 31 04.1 -3.6	
HHC		SS	SS	04 32 25.0 -3.3	
HHC		SCP	ScP	04 32 29.1 -1.8	
HHC		PcS	PcS	04 32 34.5 -1.2	
HHC		SCS	ScS	04 36 23.1 -3.5	
HHC		AMB	AMB		
comp=Z,27nm,0.6s,mb5.2				LR	LR
HHC	comp=Z,80nm,6.9s			LR	LR
HHC	comp=N,151nm,17.0s,MS3.9			LR	LR
HHC	comp=E,178nm,16.6s,MS3.9			LR	LR
HHC	comp=Z,267nm,17.1s,MS4.0			LR	LR
SONM Songino Array	31.39 290	P	P	04 26 02.4 0.0	
SONM	comp=Z,1.0nm,0.6s,mb3.8,baz=58,slow=9.3,SNR=7.5			LR	LR
SONM	comp=Z,211nm,18.6s,MS3.8,baz=207,slow=38			LR	LR
SONM	31.39 290	P	P	04 26 02.4 -0.1	
SONM	comp=Z,1.0nm,0.6s			pmx	pmx
SONM	comp=Z,211nm,18.6s			MLR	MLR
TLY Talaya	32.30 298	eP	P	04 26 09.9 -0.5	
TLY	comp=Z,3.0nm,0.8s,mb4.8			pmx	pmx
TLY	comp=Z,358nm,16.0s,MS4.2			MLR	MLR
TLY	32.30 298	eP	P	04 26 10.4 0.0	
ZAK Zakamensk	32.78 296	eP	P	04 26 13.5 -1.2	
ZAK	comp=Z,5.2nm,0.8s,mb4.4			04 28 56.5	
ZAK	comp=Z,2.0nm,1.0s,mb4.0			pmx	pmx
ZAK	comp=Z,1.0nm,1.2s,mb3.6			pmx	pmx
IMA2 Indian Mountain	34.26 36	eP	P	04 26 26.8 -0.6	
KDAK Kodiak Island	34.49 50	P	P	04 26 28.2 -1.3	
KDAK	comp=Z,2.9nm,0.8s,mb4.3,baz=234,slow=16,SNR=4.1			04 26 28.2 -1.3	
XAN Xi'an	35.36 266	P	P	04 26 28.2 -1.3	
XAN	comp=N,80nm,11.3s,MS4.0			AP	pP
XAN	comp=E,144nm,13.7s,MS4.0			XP	sP
XAN	comp=Z,189nm,14.8s,MS4.0			PP	PP
SML Sawmill	36.39 43	eP	P	04 26 43.6 -2.1	
COLA College	36.58 38	eP	P	04 26 46.4 -0.9	
COLA	comp=Z,4.0nm,0.8s,mb4.3			pmx	pmx
COLA	comp=Z,4.1nm,0.8s,mb4.3			04 26 46.4 -0.9	
LZH Lanz					

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR, QMST, KAF, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MORC, CLL, QMST, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LOR, GRR, CABF, etc.

IDC 11 04:36:47.1±0.5, 5531N:163.02E, h0km, mb4, 1/23, mb1 4.2/24, mb1mx4.2/32, mb1mx4.1/24, ML3.8/1, MS3.6/5, Ms1 3.6/5, ms1mx3.1/34, Error ellipse: s-maj=17.5km s-min=11.2km az=152.0

mb4.3/42,MS4.0/13, Error ellipse: s-maj=4.6km
 s-min=2.5km az=158.5
 MOS 11 04:36:51.8-1.1, 5524N:16297E,h47km,mb4.4/20, Error
 ellipse: s-maj=11.9km s-min=6.5km az=70.5
 BUJ 11 04:36:51.6, 5530N:16290E, h35km, mb4.6, ms4.5,
 Ms24.1
 NEIC 11 04:36:52.6, 0.3, 5534N:16292E, h35km, mb4.5/13, Error
 ellipse: s-maj=9.5km s-min=5.0km az=159.0
 ISC 11 04:36:51.3-0.7, 5523N:16312E:003, h20km, 5km,
 h3km, 1.0km, pP, n296, o90, 316, mb4.3/42, MS4.0/13,
 74C-67D, Off east coast of Kamchatka Peninsula

Code	Station Name	99	AZP	Op	ISC	h	m	s	ISC	Time	Res
Code	Station Name	99	AZP	Op	ISC	h	m	s	ISC	Time	Res
KBTR	Krubetregovo	0.9	350	P	Pb	04	37	08.4	-1.3		
KBTR				S	Sb	04	37	28.8	+0.5		
MKZ	Mys Kozlova	1.05	230	P	Pb	04	37	08.7	-2.0		
MKZ				S	Sb	04	37	23.7	+0.3		
TUMR	Tumrok	1.70	273	P	Pn	04	37	20.2	+0.5		
TUMR				S	Sb	04	37	42.4	+1.5		
KMNR	Kamenistaya	1.72	289	P	Pn	04	37	21.5	+1.5		
KMNR				S	Sb	04	37	44.7	+3.3		
KLY	Klyuchi	1.76	309	P	Pn	04	37	19.2	-1.4		
KLY				S	Sb	04	37	41.2	-1.2		
SRKR	Sorokina	1.80	323	P	Pn	04	37	21.7	+0.6		
SRKR				S	Sb	04	37	45.2	+2.0		
KPT	Kopyto	1.80	295	P	Pn	04	37	21.0	-0.1		
KPT				S	Sb	04	37	43.9	+0.6		
KOZR	Kozyrevsk	2.01	296	P	Pn	04	37	26.0	+2.1		
KOZR				S	Sb	04	37	26.0	+1.9		
KOZ		2.02	301	P	Pn	04	37	53.0	+4.4		
SRDR	Sredinnyy	2.21	296	P	Pn	04	37	28.7	+2.0		
SRDR				S	Sb	04	37	56.9	+3.6		
KII	Karymskiy	2.45	242	P	Pn	04	37	29.8	-0.2		
KII				S	Sb	04	37	59.5	+0.2		
SPN	Mys Shipunski	2.81	222	P	Pn	04	38	05.8	-2.4		
SPN				S	Sb	04	37	37.4	-0.6		
NLC	Nalytchevo	3.03	229	P	Pn	04	38	13.4	-0.2		
NLC				S	Sb	04	37	42.0	+1.1		
AVH	Avacha	3.24	234	P	Pn	04	38	20.8	+2.0		
AVH				S	Sb	04	37	43.9	+0.9		
GNL	Ganach	3.39	245	P	Pn	04	38	23.2	+0.7		
GNL				S	Sb	04	37	43.8	+0.2		
PET	Petropavlovsk	3.44	232	P	Pn	04	38	22.4	-1.2		
PET				S	Sb	04	37	43.0	-0.6		
PETK	Petropavlovsk	3.83	238	P	Pn	04	37	49.3	+0.3		
PETK				S	Sb	04	38	34.3	+0.9		
PETK		2.9nm, 0.3s, baz=56, slow=39, SNR=4.7			LR					04	38 59.0
PETK		comp=Z,103nm, 18.9s, baz=94, slow=34			LR						
RUS	Russkaya	3.91	226	P	Pn	04	37	49.4	-0.7		
RUS				S	Sb	04	38	33.2	-2.2		
GRL	Gorelyy	4.01	230	P	Pn	04	37	53.7	+2.2		
GRL				S	Sb	04	38	40.2	+2.3		
MIPR	Malaya Ipe'l'ka	4.08	234	P	Pn	04	38	03.1	+0.8		
SKR	Severo-Kuril's	6.22	226	P	Pn	04	38	21.5	-0.3		
SKR				S	Sb	04	38	13.4	-0.2		
SKR		comp=N,1um, 14.0s			MLR						
SKR		comp=E,2um, 14.0s			MLR						
SKR		comp=Z,1um, 14.0s			MLR						
BILL	Bilibino	12.94	50	P	Pn	04	39	57.6	+4.0		
BILL				S	Sb	04	39	57.6	+4.0		
BILL		comp=Z,1.0nm, 0.5s			MLR						
BILL		comp=Z,100nm, 14.0s			MLR						
UNV	Unalaska Valle	17.62	82	P	Pn	04	40	56.6	+1.4		
UNV				S	Sb	04	40	56.6	+1.4		
YAK	Yakutsk	18.52	305	P	Pn	04	41	05.0	-1.2		
YAK				S	Sb	04	41	05.0	-1.2		
YAK		comp=Z,19nm, 1.0s			MLR						
YAK		comp=Z,200nm, 17.0s			MLR						
ERM	Erimo	18.59	233	P	Pn	04	41	06.1	-1.1		
ERM				S	Sb	04	41	06.1	-1.1		
ERM		comp=Z,7.0nm, 0.6s			MLR						
ERM		comp=Z,7.2nm, 0.6s			MLR						
KLR	Kul'dur	20.01	266	P	Pn	04	41	32.8	+4.7		
KLR				S	Sb	04	41	32.8	+4.7		
KLR		comp=E,600nm, 14.0s			MLR						
KLR		comp=Z,700nm, 14.0s, MS4.2			MLR						
TIXI	Tiksi	21.96	332	P	Pn	04	41	42.0	-1.2		
TIXI				S	Sb	04	41	42.0	-1.2		
TIXI		comp=Z,17nm, 1.1s, mb4.4			MLR						
TIXI		comp=Z,428nm, 15.0s, MS4.0			MLR						
TIXI		21.96 332 eP			P	04	41	43.4	+0.2		
TTA	Tatalina	22.02	53	P	P	04	41	45.1	+1.2		
IM2	Indian Mountai	23.26	45	P	P	04	41	55.3	-1.7		
IM2				S	Sb	04	42	03.9	+0.6		
MDJ	Mudanjiang	23.83	258	P	Pn	04	42	11.8			
MDJ				S	Sb	04	42	16.0	+4.7		
MDJ				S	Sb	04	46	17.4	+0.3		
MDJ				S	Sb	04	46	32.1	+4.9		
MDJ				S	Sb	04	49	22.7	+0.6		
MDJ				S	Sb	04	49	25.9	+1.2		
MDJ		comp=Z,4.0nm, 0.8s, mb3.9			AMB						
MDJ		comp=Z,51nm, 5.3s			AMB						
MDJ		comp=N,178nm, 18.3s, MS3.7			LR						
MDJ		comp=E,162nm, 18.7s, MS3.7			LR						
MDJ		comp=Z,293nm, 16.1s, MS3.9			LR						
KDKA	Kodiak Island	24.25	66	P	P	04	42	04.1	-2.4		
KDKA				S	Sb	04	42	04.1	-2.3		
KDKA		comp=Z,7.2nm, 0.4s, mb4.4, baz=288, slow=6.1, SNR=16			P	04	42	04.1	-2.4		
KDKA		comp=Z,11nm, 0.6s, mb4.5			P	04	42	04.1	-2.3		
MCK	McKinley	25.20	51	P	P	04	42	13.8	-1.3		
MAJO	Matsushiro	25.27	233	P	P	04	42	16.6	+0.7		
MAT	Matsushiro	25.27	233	P	P	04	42	15.6	-0.3		
MAT				S	Sb	04	42	16.0	+0.1		
MJAR	Matsushiro Arr	25.27	233	P	P	04	42	16.0	+0.1		
MJAR				S	Sb	04	42	16.0	+0.1		
MJAR		comp=Z,12nm, 0.8s, mb4.4, baz=23, slow=9.2, SNR=26			P	04	42	16.0	+0.1		
MJAR		comp=Z,12nm, 0.8s			P	04	42	16.0	+0.1		
SML	Sawmill	25.65	55	P	P	04	42	17.9	-1.3		
BOD	Bodaibo	26.74	296	P	P	04	42	27.8	-1.2		
BOD				S	Sb	04	42	27.8	-1.2		
BOD		comp=Z,7.0nm, 0.9s, mb4.2			P	04	42	27.8	-1.2		
KSRS	Korea Array	29.67	248	LR	LR	04	55	43.0			
KSRS		comp=Z,111nm, 18.0s, MS3.5, baz=286, slow=38			LR	04	55	43.0			
INK	Inuvik	31.09	40	P	P	04	43	06.3	-1.2		
INK		comp=Z,5.0nm, 0.7s, mb4.5, baz=285, slow=7.2, SNR=6.7			P	04	43	06.3	-1.2		
INK		comp=Z,5.0nm, 0.7s			P	04	43	06.3	-1.1		
INK		comp=Z,5.0nm, 0.7s			P	04	43	33.3	-3.2		
BJI	Beijing	34.36	264	P	P	04	43	33.3	-3.2		
BJI				S	Sb	04	49	01.9	-1.0		
BJI		comp=Z,3.0nm, 0.5s, mb4.5			AMB						
BJI		comp=Z,7.7nm, 5.0s			AMB						
BJI		comp=N,307nm, 14.8s, MS4.3			LR						
BJI		comp=E,319nm, 14.4s, MS4.3			LR						
BJI		comp=Z,216nm, 18.1s, MS3.9			LR						
SONM	Songino Array	35.17	282	P	P	04	43	43.2	-0.2		
DLBC	Dease Lake	35.36	57	P	P	04	43	46.1	+1.3		
HHC	Hu-ho-hao-te	36.46	269	P	P	04	43	52.5	-2.0		
HHC				S	Sb	04	44	02.2	+1.5		
HHC				S	Sb	04	44	06.4	+3.2		
HHC				S	Sb	04	45	16.3	-1.1		
HHC				S	Sb	04	46	17.0	-1.1		
HHC				S	Sb	04	49	30.2	-4.9		
HHC				S	Sb	04	49	46.4	+1.1		
HHC				S	Sb	04	49	59.3	+3.4		
HHC				S	Sb	04	50	04.1	-1.7		
HHC				S	Sb	04	51	55.9	-1.8		

Table of astronomical observations for 11d 7h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 JUN, listing station names, coordinates, and observation details.

Table of astronomical observations for 312, listing station names, coordinates, and observation details.

CSEM 11 07:32:28.9.0.3, 3824N:2034E, h10km, ML2.9, Error ellipse: s-maj=6.2km s-min=2.8km az=73.0
 ISCJB 11 07:32:29.3:1.9, 3826N:006:204E.01, h11km, 9km, Error ellipse: s-maj=18.2km s-min=8.7km az=165.3
 THE 11 07:32:29.2, 3824N:2035E, h8km, ML2.9
 ATH 11 07:32:32.2, 3818N:2058E, h9km, 1km, MD3.2/4
 NEIC 11 07:32:32.2, 3818N:2058E, h9km, MD3.2(ATH), After ATH.

ISC 11 07:32:28.5:2.3, 3823N:006:203E.02, h12km, 11km, n8, 0:55/12, Greece

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
VLS	Valsamata	0.22 104	Op	Pg	07	32	33.4 +0.1
VLS	Valsamata	0.22 104	eSg	Pg	07	32	36.4 0.0
VLS	Valsamata	0.22 104	ePg	Pg	07	32	33.9 +0.7
VLS	Valsamata	0.22 104	eSg	Pg	07	32	35.8 +0.6
KF	Annineta	0.59 108	ePg	Pg	07	32	36.3 0.0
LKD	Levkas	0.34 28	ePg	Pg	07	32	38.9 +0.3
LKD	Levkas	0.34 28	eSg	Pg	07	32	46.8 +0.4
RLS	Riolos of Patr	0.92 100	ePB	Pg	07	32	45.6 +0.8
SELA	Seia	1.24 87	ePg	Pg	07	32	51.6 +0.8
SELA	Seia	1.24 87	eSg	Pg	07	33	08.9 +0.4
KEK	Kerkira	1.54 345	ePg	Pb	07	33	03.1 +6.2
ITM	Ithomi	1.65 129	ePB	Pb	07	32	59.7 +0.9

NEIC 11 07:44:20.4, 2745S:6946W, h114km, MD4.0(GUC), After GUC.
 GUC 11 07:44:20.4:0.8, 2745S:6946W, h114km, 21km, MD3.6, ML3.7, 4C, Northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
CPCH	Copiapo	0.80 276	Op	Pn	07	44	40.6 +0.7
CPCH	Copiapo	0.80 276	iS	Pn	07	44	54.9 +0.2
CPCH	Copiapo	0.80 276	AML	Pn	07	44	57.4
CPCH	Copiapo	0.80 276	iP	Pn	07	44	40.6 +0.7
CPCH	Copiapo	0.80 276	iS	Pn	07	44	54.9 +0.2
VACH	Vallenar	1.60 225	iP	Pn	07	44	49.2 +0.6
VACH	Vallenar	1.60 225	iS	Pn	07	45	10.7 +0.6
VACH	Vallenar	1.60 225	AML	Pn	07	45	13.0
VACH	Vallenar	1.60 225	iP	Pn	07	44	49.2 +0.6
VACH	Vallenar	1.60 225	iS	Pn	07	45	10.7 +0.6
VACH	Vallenar	1.60 225	AML	Pn	07	45	13.0
LCO	Las Campanas	1.90 215	ePn	Pn	07	44	53.4 +1.1
CPN1	Cerro Paranal	2.94 343	iP	Pn	07	45	06.9 +1.2
CPN1	Cerro Paranal	2.94 343	iS	Pn	07	45	40.0 -0.6
TLL	Tololo Astrono	2.95 203	ePn	Pn	07	45	06.8 +1.0
TLL	Tololo Astrono	2.95 203	iS	Pn	07	45	42.4 +1.5
TLL	Tololo Astrono	2.95 203	AML	Pn	07	46	11.4
TLL	Tololo Astrono	2.95 203	ePn	Pn	07	45	06.8 +1.0
TLL	Tololo Astrono	2.95 203	iS	Pn	07	45	42.4 +1.5
CEN1	Los Morros	4.10 350	ePn	Pn	07	45	17.7 -3.5
CEN1	Los Morros	4.10 350	iS	Pn	07	46	02.4 -5.9

NEIC 11 08:05:11.8:6.7, 981N:6044W, h30km, Error ellipse: s-maj=140.0km s-min=19.1km az=150.0
 FUNV 11 08:05:12.6:10.2, 1032N:6033W, h12km, MW3.6
 ISCJB 11 08:05:14.8:0.8, 1025N:004:6048W.005, h6km, 6km, mb3.8/2, Error ellipse: s-maj=9.2km s-min=6.8km az=16.6
 TRN 11 08:05:16.6, 1047N:6051W, h7km, MD3.7
 IDC 11 08:05:20.4:8.0, 1071N:6104W, h35km, 43km, mb3.4/3, mb1.3/7.5, mb1mx3.4/24, mbtmp3.5/5, ML3.5/2, MS3.0/3, Ms1.3/0.3, ms1mx2.7/20, Error ellipse: s-maj=87.3km s-min=26.7km az=130.0

ISC 11 08:05:15.2:0.8, 1026N:004:6041W.006, h41km, 10km, n37, r19/10/47, mb4.0/2, MS3.0/3, 1C-3D, Trinidad

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TBH	Brigand Hill	0.68 289	Op	Pn	08	05	30.8 +2.5
TBH	Brigand Hill	0.68 289	eS	Pn	08	05	40.9 +3.1
TPR	Pointe-a-Pierr	0.99 233	ePn	Pn	08	05	32.5 -0.1
TPR	Pointe-a-Pierr	0.99 233	eS	Pn	08	05	41.9 +1.8
TPP	Speyside	1.04 353	ePn	Pn	08	05	50.1 +3.9
TOSP	Speyside	1.04 353	eS	Pn	08	05	33.1 -0.2
TOSP	Speyside	1.04 353	eS	Pn	08	05	46.8 +0.0
TRN	Trinidad (W)	1.05 292	ePn	Pn	08	05	34.9 +1.5
TRN	Trinidad (W)	1.05 292	eS	Pn	08	05	47.4 +0.8
TRN	Trinidad (W)	1.05 292	eS	Pn	08	05	42.9 +1.8
TCE	Chacachacare	1.39 288	ePn	Pn	08	05	39.0 +1.0
TCE	Chacachacare	1.39 288	eS	Pn	08	05	55.1 0.0
GUIV	Guiria	1.82 282	ePn	Pn	08	05	43.3 -0.7
GUIV	Guiria	1.82 282	eS	Pn	08	06	07.8 +1.9
GRW	Mount Saint Ca	2.25 327	ePn	Pn	08	05	49.4 +3.9
GRW	Mount Saint Ca	2.25 327	eS	Pn	08	05	53.8 +0.6
GUNV	Guanoaco	2.49 268	ePn	Pn	08	05	53.8 +0.6
GUNV	Guanoaco	2.49 268	eS	Pn	08	06	24.7 +2.3
RIOV	Rio Grande	2.58 213	ePn	Pn	08	05	55.1 +0.7
RIOV	Rio Grande	2.58 213	eS	Pn	08	06	25.9 +1.4
CRUV	Carupano	2.81 279	ePn	Pn	08	05	56.0 +0.9
CRUV	Carupano	2.81 279	eS	Pn	08	06	29.2 -1.0
ITEV	Isla Los Testi	2.88 292	ePn	Pn	08	05	58.5 -0.1
ITEV	Isla Los Testi	2.88 292	eS	Pn	08	06	31.4 -0.7
ORIV	Oritupano	3.18 248	ePn	Pn	08	06	03.2 +0.5
ORIV	Oritupano	3.18 248	eS	Pn	08	06	08.3 -0.5
PCRV	Puerto La Cruz	4.16 226	Pn	Pn	08	05	13.2 -2.9
PCRV	Puerto La Cruz	4.16 226	Sn	Pn	08	07	01.5 -2.0
PCRV	Puerto La Cruz	4.16 226	Op	Pn	08	06	15.7 -0.5
PCRV	Puerto La Cruz	4.16 226	ePn	Pn	08	06	19.0 -0.1
PCRV	Puerto La Cruz	4.16 226	eS	Pn	08	06	19.1 -0.8
LUEV	Luepa	4.51 193	ePn	Pn	08	06	21.0 +0.1
CUPV	Cepiroa	5.29 268	ePn	Pn	08	06	30.9 -0.9
BIRV	Bironjo	5.76 273	ePn	Pn	08	06	37.4 -0.9
MERV	Las Mercedes	5.85 261	ePn	Pn	08	06	39.0 -0.8
CAOV	Caicara del Or	6.53 244	ePn	Pn	08	06	47.7 -1.0
TURV	Turiamo	7.31 272	ePn	Pn	08	06	58.0 -1.5
BAUV	Ei Baul	7.63 261	ePn	Pn	08	07	02.7 -1.2
SDV	Santo Domingo	10.17 263	Pn	Pn	08	07	34.9 -3.8
SDV	Santo Domingo	10.17 263	Sn	Pn	08	09	25.2 -6.3
ATAH	Atahualpa	24.79 227	LR	Pn	08	20	35.1
LPAZ	La Paz	27.46 196	LR	Pn	08	22	17.2
TXAR	Lajitas Array	44.59 302	P	Pn	08	13	24.2 +0.6
TXAR	Lajitas Array	44.59 302	PcP	Pn	08	15	09.7 +3.7
TXAR	Lajitas Array	44.59 302	P	Pn	08	13	24.2 +0.6
TXAR	Lajitas Array	44.59 302	PcP	Pn	08	15	09.7 +3.7
ULM	Lac du Bonnet	49.44 331	P	Pn	08	14	01.4 +0.4
TPNV	Topopah Spring	56.72 308	P	Pn	08	14	55.0 +0.1
TPNV	Topopah Spring	56.72 308	iS	Pn	08	15	00.0
TPNV	Topopah Spring	56.72 308	ePn	Pn	08	14	55.0 +0.1
YKA	Yellowknife Ar	64.91 335	P	Pn	08	15	50.7 +0.6
YKA	Yellowknife Ar	64.91 335	LR	Pn	08	43	47.2
YKA	Yellowknife Ar	64.91 335	P	Pn	08	15	50.7 +0.6

IDC 11 08:10:35.4:1.5, 5385N:16333W, h0km, mb3.9/13, mb1.4/0.14, mb1mx3.9/27, mbtmp3.9/14, ML3.5/1, MS3.3/9, Ms1.3/3.9, ms1mx3.1/27, Error ellipse: s-maj=38.6km s-min=17.0km az=169.0
 ISCJB 11 08:10:36.2:0.2, 5355N:16333W.008, h27km, 14km, mb4.2/15, MS3.2/9, Error ellipse: s-maj=13.2km s-min=7.4km az=165.9
 NEIC 11 08:10:36.5, 5352N:16324W, h13km, ML3.6(AEIC), After AEIC.
 ISC 11 08:10:36.5:2.8, 5360N:007:16322W.008, h13km, 17km, n35, 0:57/36, mb4.2/15, MS3.2/9, Unimak Island region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
FALS	False Pass	1.26 355	Op	Pn	08	11	00.5 +0.7

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
FALS	FALS	1.11 16.4	Op	S	08	11	16.4 +0.1
AKA	Akutan	1.60 290	P	Pn	08	11	04.7 +0.2
AKA	Akutan	1.60 290	P	Pn	08	11	04.5 0.0
AKUT	Akutan	1.60 290	P	Pn	08	11	06.0 +1.0
AKLV	Akutan Long Va	1.71 290	P	Pn	08	11	06.0 0.0
AKGS	Akutan Green	1.75 290	P	Pn	08	11	06.9 +0.3
UNV	Unalaska Valle	1.97 278	P	Pn	08	11	08.8 +0.7
SDPT	Sand Point	2.37 41	ePn	Pn	08	11	15.9 -0.8
NIKO	Nikolski	3.44 262	P	Pn	08	11	29.6 -0.2
CHGN	Chignik	3.87 44	ePn	Pn	08	11	36.7 +1.1
KDKA	Kodiak Island	7.32 51	Pn	Pn	08	12	22.4 -0.7
KDKA	Kodiak Island	7.32 51	Sn	Pn	08	13	40.9 -5.0
KDKA	Kodiak Island	7.32 51	Op	Pn	08	12	22.4 -0.7
KDKA	Kodiak Island	7.32 51	Sn	Pn	08	13	40.9 -5.0
INK	Inuvik	20.30 32	P	Pn	08	15	10.2 -1.4
PETK	Petropavlovsk-	23.14 285	P	Pn	08	15	41.0 -1.1
PETK	Petropavlovsk-	23.14 285	LR	Pn	08	24	32.0
YKA	Yellowknife Ar	26.60 51	P	Pn	08	16	15.3 +1.2
YKA	Yellowknife Ar	26.60 51	LR	Pn	08	16	15.3 +1.2
YKA	Yellowknife Ar	26.60 51	LR	Pn	08	16	15.3 +1.2
YBH	Yreka Blue Hor	29.35 97	LR	Pn	08	26	03.2
SPITS	Spitsbergen Ar	48.48 0	P	Pn	08	19	16.5 -1.7
KSR5	KSR5	48.91 280	P	Pn	08	19	22.4 +0.6
KSR5	KSR5	48.91 280	LR	Pn	08	39	47.2
TXAR	Lajitas Array	49.07 95	P	Pn	08	19	24.1 +0.8
SCHO	Schofield	51.93 47	P	Pn	08	44	54.7
SCHO	Schofield	51.93 47	LR	Pn	08	44	54.7
SOMN	Somnario Array	53.00 303	P	Pn	08	19	58.5 +0.1
ARCES	ARCES Array B	57.01 356	P	Pn	08	20	19.9 -1.3
ARCES	ARCES Array B	57.01 356	LR	Pn	08	47	10.2
ZALV	Zalesovo Beam	58.94 320	LR	Pn	08	48	32.5
FINES	FINESS Array B	65.06 355	P	Pn	08	21	14.9 -1.1
FINES	FINESS Array B	65.06 355	LR	Pn	08	51	16.7
MKAR	Makanchi Array	65.56 317	P	Pn	08	21	18.8 -0.7
MKAR	Makanchi Array	65.56 317	P	Pn	08	21	18.8 -0.7
NOA	NORSAR Array B	65.62 317	P	Pn	08	21	19.4 -0.2
NOA	NORSAR Array B	65.62 317	LR	Pn	08	50	32.6
AKASE	Malin Array Be	75.54 352	P	Pn	08	22	19.6 -0.6
GERS	GERS Array B	77.					

11d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA, FITZ, KLBK, MUN, MJAR, NVAR, TXAR, TXAR, PDAR, ARU, ANTO.

IDC 11 10:28:04.5:2.7, 4617N, 153.15E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, MS3.3/2, Ms1 3.4/2, ms1mx2.7/24, Error ellipse: s-maj=68.2km s-min=36.2km az=176.0

MOS 11 10:28:07.1:0.7, 4606N, 152.88E, h33km, mb4.1/3, Error ellipse: s-maj=62.2km s-min=28.9km az=87.4

ISC/JB 11 10:28:08.0:1.9, 4621N, 0.3E, 153.1E, 0.3, h33km, mb3.7/5, MS3.3/2, Error ellipse: s-maj=42.9km s-min=22.5km az=148.7

ISC 11 10:28:10.2:1.9, 4621N, 0.3E, 153.1E, 0.3, h35km, n12, c092/10, mb3.7/5, MS3.3/2, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SKR, PETK, KSRS, MKAR, FINES, FINES, FINES, NOA, AKASG, AKASG, TXAR, STKA.

GII 11 10:30:27.3:0.0, 2988N, 362.9E, h0km, ML2.0/1, EXPLOSION

SGS 11 10:30:28.1, 2999N, 363.6E, h15km

CSEM 11 10:30:28.1, 2999N, 363.6E, h15km, ML2.8, After SNSN

ISC 11 10:30:26.1:1.3, 2985N, 0.0E, 363.7E, h0km, n12, c081/17, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HRFI, EIL, HOL, MBH, PRNI, JLOS, KRM, MZDA, DSI, RSHS.

NEIC 11 10:46:46.3, 3343S, 71.35W, h55km, MG2.6(GUC), After GUC

GUC 11 10:46:46.3:0.6, 3343S, 71.35W, h55km, 4km, MD3.7, ML2.6, 2C-8D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TACH, LNV, STL, ANTU, ANTU, ANTU, CLCH, CLCH, PCH, CHCH, SJCH, SJCH, SJCH, LME, LME, LME, LME, CICH, CICH, SFDO, SFDO.

WEL 11 11:04:09.4:1.2, 3825S, 176.04E, h171km, 9km, ML3.6/14, 1C-3D, Error ellipse: s-maj=8.7km s-min=7.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like URZ, BKZ, WNVZ, MOVZ, KAZ, WAZ, PUZ, TRZ, MSZ, TIWZ, KIW.

2007 JUN

Table with columns: MTW, CANNON, CARW, SWZ, SNZO, TCW, PLWZ, TUWZ, QRZ, THZ, KHZ. Includes stations like Mount Morrison, Cannon Point, Makara Radio, Moikau Station, South Station, Tarr Channel, Palliser, Tuamarina, Quartz Range, Touhate, Lahutias.

IDC 11 11:23:41.5:0.8, 2715N, 140.42E, h449km, 10km, MB2.7/4, mb1 2.9/5, mb1mx2.7/20, mbtmp2.8/5, Error ellipse: s-maj=32.7km s-min=18.6km az=97.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CBUJ, CBUJ, JOW, WRA, ASAR, YKA, FINES.

MEX 11 11:28:04.1:0.3, 1781N, 103.24W, h12km, 13km, MD4.1, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MMIG, MMIG, ZIIG, ZIIG, ANIG, ANIG, PPM, PPM.

IDC 11 11:21:48.0:4.6, 180S, 98.97E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/20, mbtmp3.4/3, Error ellipse: s-maj=90.8km s-min=25.9km az=149.0, Southern Sumatara

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

ISC/JB 11 12:41:09.9:1.0, 1478N, 0.0E, 94.93W, 0.04, h33km, mb3.8/8, MS3.1/4, Error ellipse: s-maj=10.3km s-min=5.2km az=4.9

MEX 11 12:41:09.8:0.8, 1464N, 94.98W, h18km, 28km, MD4.4

NEIC 11 12:41:09.5, 1462N, 94.96W, h17km, mb4.0/2, MD4.4(MEX), After MEX

IDC 11 12:41:11.1:1.6, 1515N, 94.72W, h0km, mb3.8/6, mb1 4.2/8, mb1mx3.9/24, mbtmp3.9/8, ML4.2/2, MS3.1/4, Ms1 3.1/4, ms1mx2.7/32, Error ellipse: s-maj=32.0km s-min=19.9km az=81.0

ISC 11 12:41:11.2:1.1, 1477N, 0.0E, 94.87W, 0.04, h35km, n26, c1536/35, mb3.8/8, MS3.1/4, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HUIG, CMIG, CMIG, CMIG, TGIG, VHO, VHO, SCX, COIG, TUIG, TUIG, TPIG, PPM, PPM, TEIG, TXAR, MIAR, WVT, TKL, TKL, TKL, PDAR, NVAR, MCMT, MCMT, YKA, YKA, YKA, NOA, NOA, ARCES, ARCES.

IDC 11 13:01:36.6:3.0, 2311S, 68.86W, h0km, mb4.1/2, mb1 4.1/3, mb1mx3.7/17, mbtmp3.9/3, ML3.6/1, Error ellipse: s-maj=84.7km s-min=51.2km az=53.0, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LPAZ, TOR, YKA, YKA, YKA, NOA, ARCES, ARCES.

IDC 11 13:24:34.2:2.1, 73S, 0.0E, 130.41E, h0.08, h156km, 22km, n7, c1818/13, Tanibar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA, BATI, BATI, FITZ, FITZ, FITZ, WRA, WRA, WB2, ASAR, ASAR.

ISC/JB 11 13:51:19.6:0.6, 3102S, 0.0E, 65.72W, 0.06, h175km, 6km, mb4.3/4, Error ellipse: s-maj=7.9km s-min=6.9km az=0.5

NEIC 11 13:51:20.2:0.4, 3099S, 65.61W, h166km, 4km, mb4.4/4, Error ellipse: s-maj=5.8km s-min=4.7km az=82.0

IDC 11 13:51:20.8:0.7, 3095S, 65.61W, h175km, 6km, mb4.1/19, mb1 4.2/25, mb1mx4.1/30, mbtmp4.1/25, Error ellipse: s-maj=13.8km s-min=10.1km az=62.0

GUC 11 13:51:23.5:0.4, 3115S, 65.96W, h165km, 54km, MD4.1

ISC 11 13:51:20.6:0.6, 3105S, 0.0E, 65.71W, 0.06, h170km, 6km, n92, c1908/74, mb4.3/4, 3C-6D, Cordoba Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CFAA, CFAA, JACH, TLL, FCH, CMCH, CLCH, LML, LML, PCH, PCH, CHCH, TACH, TACH, CACH, LNV, SFDO.

ISC 11 13:51:19.6:0.6, 3102S, 0.0E, 65.72W, 0.06, h175km, 6km, mb4.3/4, Error ellipse: s-maj=7.9km s-min=6.9km az=0.5

NEIC 11 13:51:20.2:0.4, 3099S, 65.61W, h166km, 4km, mb4.4/4, Error ellipse: s-maj=5.8km s-min=4.7km az=82.0

IDC 11 13:51:20.8:0.7, 3095S, 65.61W, h175km, 6km, mb4.1/19, mb1 4.2/25, mb1mx4.1/30, mbtmp4.1/25, Error ellipse: s-maj=13.8km s-min=10.1km az=62.0

GUC 11 13:51:23.5:0.4, 3115S, 65.96W, h165km, 54km, MD4.1

ISC 11 13:51:20.6:0.6, 3105S, 0.0E, 65.71W, 0.06, h170km, 6km, n92, c1908/74, mb4.3/4, 3C-6D, Cordoba Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CPUE, LVC, LVC, PLCA, PLCA, LPAZ, LPAZ, SIV, NNA, BDF, SDF, PCRV, VNA2, VNA2, SNA, SNA, TEIG, TKL, SWET, PLAL, DBIC, BLA, WVT, TXAR, SUR, CCM, AMTX, TSUM, BNM, PKME, BOSA, SDCO, TOAD, TOR, TOR, LBTB, LBTB, LBTT, ECSD, SRU, EYMM, RSSD, AGMM, HWUT, PDAR, NVAR, ULM, LSZ, SCHO, MIDD, QMT, HLD, MCMT.

ISC 11 13:51:19.6:0.6, 3102S, 0.0E, 65.72W, 0.06, h175km, 6km, mb4.3/4, Error ellipse: s-maj=7.9km s-min=6.9km az=0.5

NEIC 11 13:51:20.2:0.4, 3099S, 65.61W, h166km, 4km, mb4.4/4, Error ellipse: s-maj=5.8km s-min=4.7km az=82.0

IDC 11 13:51:20.8:0.7, 3095S, 65.61W, h175km, 6km, mb4.1/19, mb1 4.2/25, mb1mx4.1/30, mbtmp4.1/25, Error ellipse: s-maj=13.8km s-min=10.1km az=62.0

GUC 11 13:51:23.5:0.4, 3115S, 65.96W, h165km, 54km, MD4.1

ISC 11 13:51:20.6:0.6, 3105S, 0.0E, 65.71W, 0.06, h170km, 6km, n92, c1908/74, mb4.3/4, 3C-6D, Cordoba Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CPUE, LVC, LVC, PLCA, PLCA, LPAZ, LPAZ, SIV, NNA, BDF, SDF, PCRV, VNA2, VNA2, SNA, SNA, TEIG, TKL, SWET, PLAL, DBIC, BLA, WVT, TXAR, SUR, CCM, AMTX, TSUM, BNM, PKME, BOSA, SDCO, TOAD, TOR, TOR, LBTB, LBTB, LBTT, ECSD, SRU, EYMM, RSSD, AGMM, HWUT, PDAR, NVAR, ULM, LSZ, SCHO, MIDD, QMT, HLD, MCMT.

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

NEIC 11 13:59:50.0, 3759N-2087E, h37km, ML3.1(ATH), ML4.0(TH), After ATH.

ISCJB 11 13:59:50.2, 0.5, 3763N-003.2105E, 0.03, h10km, mb3.6/8, Error ellipse: s-maj=5.1km s-min=2.9km az=39.8.

CSEM 11 13:59:51.0, 0.2, 3761N-2104E, h2km, ML4.0, Error ellipse: s-maj=4.3km s-min=1.4km az=35.0.

ATH 11 13:59:51.0, 3775N-2108E, h23km, 4km, MD3.7/11, ML3.6 THE 11 13:59:51.1, 3765N-2107E, h3km, ML4.0.

IDC 11 13:59:58.0, 2.6, 3762N-2118E, h76km, 31km, mb3.5/8, mb1.3/5/10, mb1.1mx3.2/2, mbtm3.5/10, Error ellipse: s-maj=22.2km s-min=20.2km az=16.0.

ISC 11 13:59:50.8, 0.7, 3764N-003.2106E, 0.04, h11km, 4km, n55, c1307.0, mb3.6/8, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KFL Anninata, RLS Riolos of Patr, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, MCMT McKenzie Canyo, etc.

ISCJB 11 14:25:41.6, 0.9, 2162N-005.1430E, 0.2, h312km, 9km, mb3.7/20, Error ellipse: s-maj=22.8km s-min=7.8km az=171.9.

IDC 11 14:25:42.0, 1.4, 2164N-14301E, h309km, 14km, mb3.4/13, mb1.3/6/17, mb1.1mx3.5/26, mbtm3.5/17, Error ellipse: s-maj=19.6km s-min=9.7km az=84.0.

NEIC 11 14:25:43.7, 1.0, 2162N-14299E, h328km, 11km, mb3.8/7, Error ellipse: s-maj=13.2km s-min=6.3km az=82.0.

ISC 11 14:25:42.6, 0.8, 2165N-005.1430E, 0.02, h315km, 9km, n33, c0569/34, mb3.8/20, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, CBUJ Guam, GUMO GUMO, etc.

NEIC 11 14:47:02.1, 3315S-7000W, h5km, ML3.2(GUC), After GUC.

GUC 11 14:47:02.1, 0.7, 3315S-7000W, h5km, 3km, MD4.2, ML3.2, 1C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FCH Farellones, CLOCH Cerro Calan, FSR Penatolens, etc.

ISCJB 11 14:57:18.1, 1.5, 73S-01x1247E, 0.2, h347km, 16km, mb3.3/2, Error ellipse: s-maj=29.5km s-min=12.1km az=139.4.

NEIC 11 14:57:21.0, 1.7, 744S-1247E, h364km, 22km, Error ellipse: s-maj=21.0km s-min=13.9km az=221.0.

IDC 11 14:57:21.2, 8.2, 753S-1246E, h375km, 27km, mb2.9/2, mb1.3/1/6, mb1.1mx2.9/17, mbtm3.0/6, Error ellipse: s-maj=84.7km s-min=15.6km az=60.0.

ISC 11 14:57:21.1, 2.1, 74S-01x1247E, 0.1, h364km, 12km, n16, c0559/19, mb3.3/2, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATE Baumatia, BATI, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 11 15:21:51.5, 69.0, 2126S-17808E, h0km, mb3.5/3, mb1.3/7/3, mb1.1mx3.5/15, mbtm3.5/3, Error ellipse: s-maj=1217.0km s-min=149.2km az=82.0, South of Fiji Islands

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

KRSC 11 15:32:40.7, 0.9, 5587N-16302E, h18km, 17km, ML3.5, Off east coast of Kamchatka Peninsula

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

ISCJB 11 15:39:17.7, 1.6, 5515N-006.1632E, 0.2, h11km, Error ellipse: s-maj=17.1km s-min=6.1km az=19.2.

KRSC 11 15:39:18.0, 1.3, 5515N-16314E, h11km, 10km, ML3.7 ISC 11 15:39:18.6, 1.6, 5520N-005.1632E, 0.2, h11km, n7, c1807/12, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, KBTR, MYK Mys Kozlova, etc.

JMA 11 15:48:57.6, 0.4, 2526N-12171E, h25km, M2.8 ISCJB 11 15:48:58.8, 0.3, 2409N-001.12172E, 0.02, h7km, Error ellipse: s-maj=2.9km s-min=1.7km az=30.3.

TAP 11 15:48:58.4, 24.10N-12168E, h7km, ML3.6 TAP Felt I J at Nanshan, I J at Hehuanshan, II J at Nanau, I J at Huailien, II J at Chiawan.

ISC 11 15:48:58.7, 0.3, 2408N-002.12173E, 0.02, h4km, 3km, n59, c0819/2, 6C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWD Chiawan, HWA Hwaling, EHP Heping Village, etc.

Table of astronomical observations for 11 days in June 2007, 17h. Includes columns for object name, magnitude, position, and other parameters.

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Table of astronomical observations for 11 days in June 2007, 17h. Includes columns for object name, magnitude, position, and other parameters.

11d 17h: 16.7:0.8, 3597N:71.12E, h0km, mb4, 1/13, mb1.4, 3/16, mb1mx4.1/25, mb1mp4.2/16, ML4.6/4, Error ellipse: s-maj=20.2km s-min=15.5km az=17.0

NNC 11 17:56:41.0:6.9, 3723N-7138E, h170km, 60km, mb3.5, mpv5.0, Error ellipse: s-maj=55.4km s-min=41.9km az=19.0

ISC 11 17:56:31.7:0.3, 3641N, 002:7142E, 003, h112km, 3km, h123km, 1.5km; p-P, n176, s1825/225, mb4.3/38, 27C-9D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, Res, ISC, h, m, s, ISC, Az, Phase, Res. Includes stations like CEP Cherat, KBL Kabul, CHCP Chirah Chowk, etc.

Table with columns: Code, Station Name, Az, Phase, Res, ISC, h, m, s, ISC, Az, Phase, Res. Includes stations like AB31, VOSK, ZRNK, etc.

Table with columns: Code, Station Name, Az, Phase, Res, ISC, h, m, s, ISC, Az, Phase, Res. Includes stations like KMI, OBN, HHC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pioggia, Hinterfeld, La Plagne, etc.

ISCJB 11 17:57:39.1±0.6, 5935S, 009.258W, 0.2, h10km, mb4.1/11, MS3.9/2, Error ellipse: s-maj=17.9km s-min=9.1km az=145.4

IDC 11 17:57:39.3±0.6, 5928S, 2587W, h0km, mb4.1/1, MS3.5/4, M1 3.5/4, m1mx3.2/1.9, Error ellipse: s-maj=22.1km s-min=17.6km az=57.0

NEIC 11 17:57:41.5±0.6, 5932S, 2584W, h22km, 34km, mb4.2/3, Error ellipse: s-maj=17.5km s-min=10.2km az=223.0

ISC 11 17:57:41.1±0.6, 5933S, 009.259W, 0.2, h10km, n33, 0589/24, mb4.1/11, MS3.9/2, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA1, VNA2, SNA, etc.

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

ISCJB 11 18:13:41.7±0.5, 4378N, 004.10525W, 0.06, h0km, mb4.0/5, Error ellipse: s-maj=7.2km s-min=5.3km az=136.0

IDC 11 18:13:42.8±1.8, 4381N, 10544W, h0km, mb3.8/5, mb1 3.8/9, mb1mx3.6/2.6, mbtmp3.7/9, ML3.3/4, Error ellipse: s-maj=56.0km s-min=8.5km az=149.0

NEIC 11 18:13:43.5±0.4, 4381N, 10523W, h0km, ML3.4, Error ellipse: s-maj=6.4km s-min=4.6km az=140.0, Suspected Mining explosion.

NEIC 60 km (35 miles) SSE of Gillette. ISC 11 18:13:43.5±0.4, 4383N, 004.10525W, 0.06, h0km, n36, 1108/37, mb4.0/5, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSSD, LASA, BLMT, etc.

ISCJB 11 18:27:19.7±0.8, 3670N, 006.2439E, 0.05, h7km, 10km, Error ellipse: s-maj=9.9km s-min=6.9km az=178.4

ATH 11 18:27:20.7, 3670N, 24.47E, h57km, 23km, MD3.1/4, THE 11 18:27:21.9, 3675N, 24.6E, h14km, ML3.3

CSEM 11 18:27:22.0±0.1, 3671N, 24.43E, h30km, ML3.3, Error ellipse: s-maj=3.4km s-min=2.1km az=25.0

ISC 11 18:27:20.4±0.8, 3671N, 006.2439E, 0.05, h15km, 9km, n14, 0542/16, Southern Greece region

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

TAP 11 18:30:02.2, 2461N, 12246E, h10km, ML3.5

JMA 11 18:30:00.7±0.2, 2479N, 12243E, h9km, M2.9, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station ZALV.

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

IDC 11 19:14:54.6±2.2, 309S, 13001E, h0km, mb3.6/2, mb1 4.0/4, mb1mx3.6/1.7, mbtmp3.8/4, ML3.6/2, Error ellipse: s-maj=113.7km s-min=25.5km az=74.0, Seram

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

THR 11 19:26:57.9±0.5, 3159N, 5031E, h16km, 4km, ML3.1

CSEM 11 19:26:58.1±0.1, 3158N, 5030E, h18km, ML3.1, Error ellipse: s-maj=2.8km s-min=1.8km az=138.0

ISCJB 11 19:27:00.0±0.9, 3153N, 007.5032E, 0.09, h33km, Error ellipse: s-maj=11.3km s-min=9.0km az=35.4

ISC 11 19:27:01.4±0.9, 3154N, 007.5030E, 0.09, h35km, n9, 0541/12, Northern and central Iran

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

IDC 11 19:28:15.6±1.6, 3199S, 6636E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/2.2, mbtmp3.8/4, MS3.8/10, MS1 3.8/10, ms1mx3.5/3.0, Error ellipse: s-maj=45.5km s-min=40.2km az=118.0, Mauritius - Reunion region

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

IDC 11 19:32:11.7±3.1, 2003S, 6618E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/2.1, mbtmp3.8/6, Error ellipse: s-maj=108.9km s-min=27.7km az=49.0, Mauritius - Reunion region

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

IDC 11 19:42:13.4±1.3, 6475S, 1781E, h0km, mb4.2/6, mb1 4.4/7, mb1mx4.2/1.4, mbtmp4.3/7, ML4.4/1, MS3.9/8, M1 3.9/8, m1mx3.7/1.9, Error ellipse: s-maj=49.0km s-min=19.4km az=62.0

NEIC 11 19:42:15.1±0.8, 6486S, 17786E, h10km, mb4.4/2, Error ellipse: s-maj=27.4km s-min=9.9km az=74.0

ISCJB 11 19:42:16.1±2.2, 650S, 0.1, 1765E, 1.0, h10km, mb4.2/7, MS3.9/7, Error ellipse: s-maj=63.4km s-min=11.2km az=163.3

ISC 11 19:42:19.8±1.5, 6517S, 007.1757E, 0.7, h10km, n26, 1192/16, mb4.2/7, MS3.9/7, Baileny Islands region

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

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

ISCJB 11 20:37:44.5:9.2, 93S:0.1x1119E:0.2, h8km, mb4.5/21, Error ellipse: s-maj=32.3km s-min=14.0km az=136.5

IDC 11 20:37:45.0:1.5, 927S:1.1194E, h10km, mb4.2/9, Mb1 4.3/11, mb1mx4.1/18, mbtmp2/11, ML4.0/2, MS3.6/1, Ms1 3.6/1, ms1mx3.1/24, Error ellipse: s-maj=49.5km s-min=15.8km az=54.0

BUJ 11 20:37:45.4, 920S:1.1200E, h10km, mb4.8, Ms4.6, NEIC 11 20:37:46.0:7.9, 922S:1.1203E, h10km, mb4.9/10, Error ellipse: s-maj=34.9km s-min=7.4km az=45.0

DJA 11 20:37:53.936S:1.1196E, h32km, ML4.6/3, IJC 11 20:37:50.2:2.8, 94S:0.1x1120E:0.2, h35km, 26km, n35, e092/36, mb4.5/21, South of Jawa

Main table of station data for the first section, including stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 11 20:38:03.7:0.5, 1993S:0.09:663E:0.2, h10km, mb4.1/15, MS4.3/18, Error ellipse: s-maj=21.5km s-min=12.5km az=166.8

BUJ 11 20:38:03.7, 1954S:6582E, h6km, mb4.5, IDC 11 20:38:03.6:0.7, 1991S:6620E, h0km, mb4.0/12, Mb1 4.1/12, mb1mx3.9/22, mbtmp4.0/12, MS4.2/18, Ms1 4.2/18, ms1mx4.1/25, Error ellipse: s-maj=28.6km s-min=17.8km az=85.0

NEIC 11 20:38:05.4:0.5, 1991S:6622E, h10km, mb4.5/1, Error ellipse: s-maj=21.0km s-min=11.9km az=82.0

GCMT 11 20:38:05.4:0.3, 1989S:6617E, h12km, MW5.0/68, Moment Tensor Solution, s29,c39; s68,c109; Duration: 0 Moment tensor: Scale 10^16N; Mr=3.475;11; Mw=0.55; 10; Ms=2.92; 09; Mo1 4.5; 42; Mo=1.18; 10; Mo1 1.84; 35; Mo3 2.80; 30; Mo4 0.85; 00; NP1: 318.00000; S39.00000; A-127.00000; NP2: 0; 182.00000; 860.00000; A-64.00000; Principal axes: T 3.6290, P1g11.0000, Azm254.0000; N 0.9130, P1g22.0000, Azm348.0000; P -4.5420, P1g65.0000; Azm140.0000; nsta1 refers to surface waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

ISC 11 20:38:05.7:0.5, 1993S:0.09:662E:0.2, h10km, n36, e098/22, mb4.1/15, MS4.3/18, 2C-2D, Mauritius - Reunion region

Table of station data for the second section, including stations like KMBO Kilima Mbo, ATD Arta Tunnel, PSI Prapat, etc.

Table of station data for the third section, including stations like MKAR Makanchi Array, GSPA South Pole Qui, TORD Torodi Arr, etc.

BUJ 11 21:06:53.9, 2508N:11771E, h31km, ML4.2, Ms3.6, Near coast of southeastern China

Table of station data for the fourth section, including stations like OZH Qanzhou, ULM Lac du Bonnet, etc.

WEL 11 21:22:14.7:2.1, 3638S:17718E, h302km, 15km, ML3.6/6, Error ellipse: s-maj=26.9km s-min=21.7km az=90.0, Off east coast of North Island

Table of station data for the fifth section, including stations like URZ Urewera, MWZ Matawai, BKZ Black Stump Fm, etc.

BUJ 11 21:45:56.9, 2305N:10085E, h16km, mb4.4, ML3.7, 1C, Yunnan

Table of station data for the sixth section, including stations like KMI Kunming, NANT Nan, BDT Bhumibol Dam, etc.

GUC 11 21:56:26.2:0.7, 3532S:7289W, h2km, gkm, MD3.5, ML2.6, 1C-1D, Near coast of central Chile

Table of station data for the seventh section, including stations like COCH Cobquecura, SFDO San Fernando, CICH Cipreses, etc.

ISCJB 11 22:15:24.9:0.6, 4033N:004:1963E:0.04, h10km, Error ellipse: s-maj=5.3km s-min=3.9km az=169.3

CSEM 11 22:15:24.4:1.0, 4037N:1971E, h10km, MD2.6/3, ML1.9/1, Error ellipse: s-maj=11.6km s-min=3.5km az=38.0, After ROM

ISC 11 22:15:24.4:1.0, 4037N:1971E, h10km, Md2.6/3, ML1.9/1, Error ellipse: s-maj=11.6km s-min=3.5km az=38.0

Table of station data for the eighth section, including stations like TPE Tepelena, SRN Sarande, KEK Kerkira, etc.

mb1 4.7/15, mb1mx4.5/21, mbtmp4.5/15, ML3.7/3, MS4.4/3, Ms1 4.4/3, ms1mx3.7/29, Error ellipse: s-maj=19.1km s-min=16.5km az=97.0

NEIC 11 22:22:26.6:3.8, 3258S:17814W, h21km, 25km, mb5.0/9, Error ellipse: s-maj=13.5km s-min=11.9km az=78.0

ISCJB 11 22:22:29.1:0.6, 3270S:0.06:1784W:0.1, h43km, mb4.6/18, MS4.4/3, Error ellipse: s-maj=13.1km s-min=8.9km az=15.9

MOS 11 22:22:29.2:3.3, 3225S:17837W, h33km, mb5.1/4, Error ellipse: s-maj=16.7km s-min=14.0km az=86.7

ISC 11 22:22:24.3:4.4, 3250S:0.06:1783W:0.1, h2km, 27km, n111, e094/36, mb4.6/18, MS4.4/3, 4C-3D, South of Kermadec Islands

Main table of station data for the right side, including stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JCC, GASB, VES, MURC, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L04A, O06A, PAHR, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I06A, T13A, WVOR, etc.

Table with multiple columns containing station names, call signs, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. The data includes various alphanumeric codes, frequencies, and possibly power levels or other technical specifications. The text is dense and spans the entire page.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KUR	Kuril'sk	1.46	320	Op	ISC	00 56 04.2	-1.3
KUR				eS	Pn	00 56 15.0	-8.5
KUR	comp=N,410nm,0.4s			pmax	pmax		
KUR	comp=E,490nm,0.4s			pmax	pmax		
KUR	comp=Z,2µm,0.4s			pmax	pmax		
KUR	comp=N,60µm,4.0s			smax	smax		
YUK	comp=E,79µm,4.0s	2.41	269	ePN	Pn	00 56 17.9	-0.7
YUK	comp=Z,600nm,0.4s			pmax	pmax		
YUK	comp=Z,6µm,1.5s			pmax	pmax		
YUK	comp=N,7µm,0.6s			pmax	pmax		
YUK	comp=E,5µm,1.3s			MLR	MLR		
YUK	comp=Z,22µm,16.0s			MLR	MLR		
YUK	comp=N,47µm,20.0s			MLR	MLR		
NEM2	Nemuro 2	2.62	254	P	Pn	00 56 20.6	-0.9
JRA	Rausu	2.95	268	P	Pn	00 56 26.6	+0.6
JNK	Nakash	3.29	262	P	Pn	00 56 30.6	-0.1
JAK	Akakeshi	3.47	253	P	Pn	00 56 33.1	0.0
JTKR	Abashiri-Toko	3.83	270	P	Pn	00 56 39.1	+1.1
JAR	Ashorobuto	4.03	260	P	Pn	00 56 41.5	+0.7
JOB	Onbets	4.09	254	P	Pn	00 56 41.9	+0.2
JMP	Maruseppu	4.22	270	P	Pn	00 56 44.6	+1.2
JCH	Churui	4.52	253	P	Pn	00 56 47.7	+0.1
JKK2	Kamakawa 2	4.67	269	P	Pn	00 56 51.5	+1.9
ASAJ	Asahikawa	4.76	272	Pn	Pn	00 56 50.0	-0.8
ASAJ	Asahikawa	4.76	272	Pn	Pn	00 56 50.1	-0.7
JFR	Furan	4.90	261	P	Pn	00 56 54.9	+2.2
ERM	Erimo	4.91	247	Pn	Pn	00 56 54.5	+1.6
ERM	Erimo	4.91	247	ePN	Pn	00 56 54.7	+1.8
JEM	Erimo	4.91	247	P	Pn	00 56 54.4	+1.5
JNBK	Urakawa-nobuka	5.07	251	P	Pn	00 56 54.9	-0.1
JBT2	Biratori 2	5.16	257	P	Pn	00 56 56.9	+0.6
YSS	Yuzh-Sakhalins	5.34	304	ePN	Pn	00 57 01.3	+2.5
YSS	comp=Z,108nm,0.6s			pmax	pmax		
YSS	comp=Z,108nm,0.6s			pmax	pmax		
JEW	Eniwo	5.79	260	P	Pn	00 57 06.9	+1.9
JNB	Noboribetsu	6.19	257	P	Pn	00 57 11.1	+0.7
JKB	Kayabe	6.40	252	P	Pn	00 57 13.4	+0.1
JYM2	Yokoro 2	6.77	256	P	Pn	00 57 19.1	+0.6
JANG	Nango	6.83	239	P	Pn	00 57 17.4	-1.8
JANG				eS	Pn	00 58 30.9	-4.8
JTM	Tenmabayashi	6.88	244	P	Pn	00 57 19.3	-0.7
JTH	Tanohata	6.88	235	P	Pn	00 57 18.1	-1.9
JTH				eS	Pn	00 58 30.8	-6.3
JSR	Shirouchi	6.96	251	P	Pn	00 57 20.8	-0.3
JOSM	Okushiri-Mats	7.41	257	P	Pn	00 57 27.7	+0.5
OFUJ	Ofunato	7.57	231	P	Pn	00 57 27.6	-1.8
OFUJ				eS	Pn	00 58 47.6	-6.3
JRG	Rokugo	7.96	237	P	Pn	00 57 34.1	-0.7
JRG				eS	Pn	00 59 00.4	-3.1
SKR	Severo-Kuril's	8.06	33	ePN	Pn	00 57 34.6	-1.5
SKR				eS	Pn	00 59 07.6	+1.8
SKR	comp=N,130nm,0.9s			pmax	pmax		
SKR	comp=E,100nm,0.9s			pmax	pmax		
SKR	comp=Z,150nm,0.9s			pmax	pmax		
SKR	comp=N,160nm,0.9s			smax	smax		
SKR	comp=E,130nm,0.9s			MLR	MLR		
SKR	comp=N,2µm,14.0s			MLR	MLR		
SKR	comp=E,5µm,14.0s			MLR	MLR		
JIO	Ouri	8.19	229	P	Pn	00 57 36.4	-1.5
JIO				eS	Pn	00 59 01.9	-7.3
PETK	Petrovsk	10.59	29	Pn	Pn	00 58 09.3	-1.5
HABT	Khabarovsk	10.71	299	ePN	Pn	00 58 16.9	+4.5
PETK	Petrovsk	10.87	32	ePN	Pn	00 58 23.5	+8.9
MJAR	Matsushiro Arr	11.30	232	Pn	Pn	00 58 19.1	-1.4
MJAR				eS	Pn	00 58 23.2	-2.3
MAT	Matsushiro	11.30	232	ePN	Pn	00 58 23.2	-2.3
KLR	Kul'dur	13.02	299	ePN	Pn	00 58 46.0	+2.0
KLR	comp=E,1µm,7.0s			pmax	pmax		
KLR	comp=Z,1µm,7.0s			MLR	MLR		
KLR	comp=E,3µm,13.0s			MLR	MLR		
KLR	comp=Z,4µm,13.0s			MLR	MLR		
MDJ	Mudanjiang	14.04	279	P	Pn	00 58 59.0	+1.1
MDJ				S	Pn	01 01 19.3	-1.3
MDJ	comp=Z,12nm,0.8s			AMB	AMB		
MDJ	comp=Z,148nm,3.7s			LR	LR		
MDJ	comp=N,1µm,17.3s			LR	LR		
MDJ	comp=E,2µm,14.1s			LR	LR		
MDJ	comp=Z,3µm,14.1s			LR	LR		
MDJ	comp=Z,69nm,1.3s	14.04	279	ePN	Pn	00 58 58.8	+0.8
MA2	Magadan	15.50	3	eS	S	01 02 16.5	-6.0
CN2	Changchun	17.10	277	ePN	Pn	00 59 37.3	-0.5
CN2				eS	S	01 02 31.3	-2.4
CN2	comp=Z,40nm,1.0s			AMB	AMB		
CN2	comp=Z,200nm,4.0s			AMB	AMB		
CN2	comp=N,2µm,11.0s			LR	LR		
CN2	comp=E,3µm,11.0s			LR	LR		
CN2	comp=Z,3µm,17.0s			LR	LR		
KSR5	Korea Array	17.42	255	P	Pn	00 59 40.2	-1.5
KSR5	comp=Z,0.2nm,0.3s,baz=60,slow=11,SNR=9.7						
INCN	Inchon	18.30	257	ePN	Pn	00 59 54.2	+1.6
YAK	Yakutsk	21.27	334	ePN	Pn	01 00 21.6	-3.0
YAK	comp=Z,36nm,0.4s,mb5.0			pmax	pmax		
YAK	comp=Z,36nm,0.4s,mb5.0			pmax	pmax		
BJI	Beijing	24.76	272	P	Pn	01 00 58.0	-1.8
BJI				S	Pn	01 05 04.4	-1.5
BJI	comp=Z,10.0nm,1.0s,mb4.3			AMB	AMB		
BJT	Baijiatou	24.77	272	ePN	Pn	01 00 58.8	-1.1
BJT				pmax	pmax		
BJT	comp=Z,131nm,1.3s			P	Pn	01 00 58.8	-1.1
BJT	comp=Z,131nm,1.3s,mb5.3			P	Pn	01 01 04.1	-3.0
BILL	Bilibino	25.60	15	ePN	Pn	01 01 04.1	-3.0
BILL				pmax	pmax		
TIA	Tai'an	25.64	263	ePN	Pn	01 01 08.2	+0.4
NJ2	Nanjing	26.61	253	ePN	Pn	01 01 15.5	-1.1
NJ2				PP	Pn	01 02 01.1	-
NJ2				S	Pn	01 05 29.0	-2.0
NJ2	comp=Z,30nm,0.6s,mb5.0			AMB	AMB		
NJ2				AMB	AMB		

NJ2	comp=Z,220nm,10.4s			LR	LR		
NJ2	comp=N,7µm,17.4s,MS5.3			LR	LR		
NJ2	comp=E,4µm,18.2s,MS5.3			LR	LR		
HHC	comp=Z,4µm,19.0s,MS5.0			P	P	01 01 24.4	-2.8
HHC	Hu-ho-hao-te	27.79	276	ePN	Pn	01 02 13.6	-
HHC				PP	Pn	01 04 45.3	+2.6
HHC				S	Pn	01 05 50.0	-1.8
HHC	comp=Z,24nm,0.6s,mb5.0			AMB	AMB		
HHC	comp=N,772nm,15.1s,MS4.8			LR	LR		
HHC	comp=E,2µm,15.5s,MS4.8			LR	LR		
HHC	comp=Z,2µm,16.1s,MS4.8			LR	LR		
BTO	Baotou	28.98	277	ePN	Pn	01 01 41.1	+3.4
BTO				P	Pn		
TIXI	Tiksi	29.31	347	ePN	Pn	01 01 35.6	-4.7
TIXI				pmax	pmax		
TIXI	comp=Z,6.0nm,0.9s,mb4.3			MLR	MLR		
SOMN	Songino Array	29.70	292	P	Pn	01 01 43.9	-0.2
SOMN	comp=Z,0.0nm,0.7s,mb4.0,baz=60,slow=7.9,SNR=6.7			pmax	pmax		
SOMN	Songino Array	29.70	292	P	Pn	01 01 43.9	-0.1
SOMN				pmax	pmax		
YHNB	Yeheng	29.84	299	ePN	Pn	01 01 45.5	0.0
GUMO	Guam	30.66	188	P	Pn	01 01 55.5	+2.8
GUMO				pmax	pmax		
GUMO	comp=Z,392nm,1.5s			P	Pn	01 01 55.5	+2.8
GUMO	Guam	30.66	188	P	Pn	01 02 33.5	+0.9
LZH	Lanzhou	35.24	273	↑P	P	01 03 51.5	-1.3
LZH				PP	Pn		
LZH				PP	Pn		
LZH	comp=Z,30nm,1.0s,mb5.2			AMB	AMB		
GTA	Gaotai	36.70	280	P	Pn	01 02 46.1	+1.1
GTA				P	Pn		
CD2	Chengdu	37.92	265	ePN	Pn	01 02 55.1	-0.4
CD2				PP	Pn	01 04 24.0	+1.6
CD2				AMB	AMB		
CD2	comp=Z,20nm,0.7s,mb5.0			LR	LR		
CD2	comp=Z,40nm,6.2s			AMB	AMB		
CD2	comp=N,550nm,18.0s,MS4.6			LR	LR		
CD2	comp=E,670nm,19.2s,MS4.6			LR	LR		
CD2	comp=Z,840nm,19.2s,MS4.6			LR	LR		
GYA	Guiyang	38.45	257	P	Pn	01 03 00.3	+0.3
GYA				PP	Pn	01 04 28.6	+0.3
GYA				PCP	Pn	01 05 16.4	+3.7
GYA	comp=Z,10.0nm,1.1s,mb4.5			AMB	AMB		
GYA	comp=Z,80nm,4.9s			AMB	AMB		
GYA	comp=N,420nm,17.8s,MS4.5			LR	LR		
GYA	comp=E,440nm,18.4s,MS4.5			LR	LR		
GYA	comp=Z,480nm,18.2s,MS4.3			LR	LR		
QIZ	Qiongzong	41.27	245	P	Pn	01 03 23.2	-0.3
QIZ				P	Pn		
QIZ	comp=Z,77nm,2.7s,mb4.9			AMB	AMB		
QIZ	comp=E,759nm,21.2s			LR	LR		
QIZ	comp=Z,860nm,21.2s,MS4.6			LR	LR		
ZAA0	Zalesovo Array	41.96	307	ePN	Pn	01 03 27.7	-1.0
ZALV	Zalesovo Beam	41.96	307	P	Pn	01 03 28.1	-0.6
ZALV	comp=Z,0.5nm,0.3s,mb3.6,baz=70,slow=9.0,SNR=3.6			P	Pn	01 05 23.1	-0.4
ZALV</							

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Panska Ves, Vyhne, Piszkesteto, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Bardonecchia, Quistinic, Aquila, etc.

NIED 12 00:55:00 4480N:15060E,h44km,Mw5.2 Best double couple: M6.520000:1106E,NP1.237:237.000000:851.000000,lambda:119.000000, NP2:6.16:000000:847.000000:lambda:59.000000: JMA 12 00:55:25.5-0.8,4478N:15062E,h30km,M5.3 IDC 12 00:55:46.4-0.4,4420N:14922E,h0km,mb4.7/28, mb1.4/32,mb1mx4.8/34,mbtmp4.7/32,ML4.0/4,Error ellipse: s-maj=14.7km s-min=11.0km az=162.0 GCMT 12 00:55:49.9-0.3,4429N:14939E,h24km,MW5.2/71, Moment Tensor Solution: s52,c82; s71,c117; Duration: 0 Moment tensor: Scale 10^10Nm; Mr:4.47e+18; Mw:1.78e+13; Mw:2.69e+15; Ms:1.52e+30; Mw:2.89e+11; Mw:4.47e+37; Best double couple: M6.765000:1016E,NP1.233:000000:826.000000:lambda:120.000000: NP2: 6.25:000000:868.000000:lambda:76.000000: Principal axes: T 6.6190,Plg65.0000:,AzM272.0000: N 0.2930,Plg13.0000:,AzM30.0000: P -6.9120,Plg22.0000: AzM125.0000:; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISCJB 12 00:55:51.0-0.2,4417N:004:149.11E:0.03,h45km, mb4.9/148,MS4.9/20 Error ellipse: s-maj=6.1km s-min=2.4km az=171.0 SKHL 12 00:55:55.2-0.8,4377N:14776E,h70km,39km,mb5.3/2, Ms4.9/5 SKHL Feil (J) at Yushno-Kurilsk. MOS 12 00:56:01.5-1.2,4431N:14789E,h182km,mb4.6/32, Error ellipse: s-maj=10.1km s-min=7.0km az=88.5 BUJ 12 00:56:01.2,4445N:14743E,h146km,mb5.0,mb4.8 NEIC 12 00:56:02.1-1.0,4464N:14763E,h165km,99km,mb4.6/113, Error ellipse: s-maj=8.9km s-min=5.1km az=168.0 SZGRF 12 00:56:03.1,4569N:14853E,h48km,mb5.1,Kuril Islands, Russia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Nemuro 2, Obnets, Chubets, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like OKH, OKH, OKH, etc.

Main table containing astronomical data for 12 days in June 2007. Columns include object names (e.g., MAK, PDAR, SNCC), coordinates, magnitudes, and other parameters. The table is organized in a grid-like format with multiple columns per object.

Table with columns: BDFB, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Power, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, Power Error, SNR Error, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, Power Error, SNR Error.

12d 1201:24:39.5, 3.0, 3652N, 17139E, h164km, 29km, mb3.5/15, mb1.3/7.0, mb1mx3.5/30, mbtmp3.6/20, Error ellipse: s-maj=18.9km s-min=13.0km az=34.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Power, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, Power Error, SNR Error.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Power, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, Power Error, SNR Error.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Power, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, Power Error, SNR Error.

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like BVAR Borovoye Array, RES Resolute Bay, YKA Yellowknife Ar, etc.

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like D14A Greenough, E13A Victor, H11A Donnelly, CHMT Chamberlain Mo, etc.

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like V11A Goodsprings, S14A Cedar City, HEC Hector, Ludlow, T13A Saint George, etc.

Table with columns for station name, coordinates, and status. Includes stations like OJC, STHS, KOLS, etc.

Table with columns for station name, coordinates, and status. Includes stations like MEM, NAY, RDF, etc.

Table with columns for station name, coordinates, and status. Includes stations like TCF, MFF, MFF, etc.

IDC 12 04:15:25.9.7.8, 3790N, 7596E, h102km, 49km, mb3.5/5, mb1 3.6/6, mb1mx3.2/23, mbtrmp3.4/6, Error ellipse: s-maj=81.2km s-min=38.8km az=132.0

NEIC 12 04:15:29.3.0.7, 3811N, 7583E, h121km, 8km, mb4.7/6, Error ellipse: s-maj=16.2km s-min=5.6km az=56.0

BUL 12 04:15:34.5, 3824N, 7595E, h32km, ML3.7, Error ellipse: s-maj=32.4km s-min=21.9km az=6.0

DMN 12 04:17:02.4+1.0, 3254N, 61.32E, h33km, Mb4.5/3, Error ellipse: s-maj=127.7km s-min=52.0km az=147.0

ISC 12 04:15:29.9.0.4, 3812N, 003-758E.01, h132km, 6km, mb3.7/7, Error ellipse: s-maj=13.9km s-min=4.2km az=164.5

Code Station Name Az Az Phase ID Time Res

Table with columns for station name, coordinates, and status. Includes stations like KSH, KSH, KSH, etc.

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res	ISC	h m s	ISC
KHET	Khetri	10.02	180	eS	Pn	04 19 37.2	-3.9		
DANN	Dangsing	11.80	143	eP	Pn	04 18 12.6	-1.6		
comp-Z:9.7nm,0.3s									
KOLN	Koldandi	12.22	145	eP	Pn	04 18 19.6	-0.1		
comp-Z:4nm,0.3s									
PKIN	Pulchoki	13.25	140	eP	Pn	04 18 32.8	-0.2		
comp-Z:7.3nm,0.4s									
PKI	Pulchoki	13.26	140	eP	Pn	04 18 32.8	-0.4		
comp-Z:7.3nm,0.4s									
JIRN	Jiri	13.60	137	eP	Pn	04 18 37.6	+0.1		
comp-Z:1.7nm,0.5s									
AB31	Akbulak array	15.94	319	IP	P	04 19 06.1	-0.7		
comp-Z:2.7nm,0.8s,baz=132,slo=13,SNR=12									
BJT	Baitjatuu	16.22	74	eP	P	04 21 36.0	-1.0		
comp-Z:9.6nm,0.5s,mb4.8									
FINES	FINESS Array B	38.35	324	P	P	04 22 38.4	+0.4		
comp-Z:0.4nm,0.3s,mb3.7,baz=111,slo=11,SNR=4.0									
ARCES	ARCESS Array B	41.17	336	P	P	04 23 01.9	+0.6		
comp-Z:0.9nm,0.8s,mb4.1,baz=104,slo=10,SNR=4.3									
NOA	NORSAR Array B	45.43	322	P	P	04 23 35.6	+0.1		
comp-Z:0.5nm,0.9s,mb3.2,baz=84,slo=6.9,SNR=2.7									
BFO	Black Forest	48.73	305	P	P	04 24 01.5	+0.3		
comp-Z:2.2nm,0.7s,mb4.2									
DAV	Davao City (W)	54.51	111	eP	P	04 24 45.5	+0.8		
comp-Z:3.22nm,0.4s									
TORD	Torodi Ar. Bea	69.54	271	P	P	04 26 24.8	-0.3		
comp-Z:0.6nm,0.5s,mb3.7,baz=48,slo=5.5,SNR=29									
TORD	Torodi Ar. Bea	71.54	271	P	P	04 26 24.8	-0.3		
comp-Z:0.6nm,0.5s,mb3.7,baz=48,slo=5.5,SNR=29									
YKA	Yellowknife Arr	79.38	5	P	P	04 27 21.3	+0.1		
comp-Z:0.3nm,0.4s,mb3.5,baz=346,slo=5.5,SNR=6.2									

IDC 12 04:29:20.0 1.5, 0.16S:12358E, h0km, mb3.6/3, mb1 3.9/5, mb1mx3.6/19, mb1mtp3.7/5, ML3.8/2, Error ellipse: s-maj=5.3, 1km s-min=23.2km az=67.0

ISCJB 12 04:29:23.7 1.2, 0.4S, 0.1:1232E.01, h33km, mb3.6/4, Error ellipse: s-maj=18.5km s-min=13.6km az=137.9

NEIC 12 04:29:25.8 0.9, 0.30S:12347E, h35km, mb3.9/1, Error ellipse: s-maj=19.8km s-min=11.1km az=50.0

DJA 12 04:29:49.2 0.3S:12175E, h0km, ML3.9/3, Error ellipse: s-maj=19.8km s-min=11.1km az=50.0

ISC 12 04:29:26.5 1.0, 0.41S:010:12334E, h009, h35km, n8, 0:0589/9, mb3.6/4, Minahasa Peninsula, Sulawesi

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res	ISC	h m s	ISC
KAPI	Kappang	5.81	218	Op	Pn	04 30 51.4	+1.2		
2.3nm,0.3s,baz=331,slo=6.6,SNR=9.8									
KAPI				Sn		04 31 54.5	-1.2		
2.9nm,0.3s,baz=229,slo=21,SNR=6.1									
FITZ	Fitzroy Crossi	17.74	173	P	Pn	04 33 31.2	+0.6		
0.2nm,0.3s,baz=12,2,2,SNR=6.5									
WRAB	Tennant Creek	22.19	152	eP	P	04 34 19.9	+0.2		
2.4nm,0.5s,mb3.9									
WRA	Warramunga Arr	22.19	152	P	P	04 34 19.4	-0.4		
1.7nm,0.5s,mb3.7,baz=334,slo=10,SNR=8.0									
WB2	Warramunga Arr	22.20	152	eP	P	04 34 19.8	-0.1		
KULM	Kulim	23.36	284	eP	P	04 34 33.5	+1.2		
ASAR	Alice Springs	25.28	157	P	P	04 34 49.7	0.0		
0.9nm,0.6s,mb3.5,baz=331,slo=3.0,SNR=13									
MKAR	Makanchi Array	59.14	328	P	P	04 39 22.0	-1.6		
0.1nm,0.3s,mb3.3,baz=128,slo=8.7,SNR=2.5									

ISCJB 12 04:36:14.9 1.2, 3137S:008:1791W, 02, h59km, 19km, mb4.4/7, Error ellipse: s-maj=33.4km s-min=8.8km az=19.8

NEIC 12 04:36:16.4 1.5, 3131S:17873W, h83km, 14km, mb4.5/2, Error ellipse: s-maj=26.6km s-min=15.9km az=119.0

IDC 12 04:36:17.3 1.1, 3133S:17886W, h82km, 14km, mb4.1/6, mb1 4.2/8, mb1mx3.8/20, mbtmp0.8/8, Error ellipse: s-maj=22.7km s-min=11.8km az=115.0

ISC 12 04:36:18.8 1.0, 3131S:009:1791W, 02, h59km, 17km, n17, 0:077/13, mb4.4/7, Kermadec Islands region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res	ISC	h m s	ISC
RAO	Raoul Island	2.29	27	Op	Pn	04 36 51.4	-0.9		
56nm,0.3s,baz=85,slo=20,SNR=3.1									
RAO				Sn		04 37 20.0	+0.7		
90nm,0.3s,baz=50,slo=22,SNR=5.3									
URZ	Urewera	7.60	203	P	P	04 38 04.5	-0.3		
0.7nm,0.3s,baz=147,slo=17,SNR=14									
URZ				Sn		04 39 29.8	+0.3		
1.6nm,0.3s,baz=150,slo=23,SNR=7.8									
CTA	Charters Tower	33.02	281	P	P	04 42 48.2	+1.7		
1.4nm,0.5s,mb4.6,baz=109,slo=11,SNR=9.0									
CTAO	Charters Tower	33.02	281	eP	P	04 42 47.4	+0.8		
3.9nm,0.6s,mb4.5									
STKA	Stevens Creek	33.35	259	P	P	04 42 50.9	+1.6		
4.5nm,0.6s,mb4.3,baz=125,slo=10.0,SNR=4.7									
ASAR	Alice Springs	42.11	160	P	P	04 44 03.0	-0.4		
3.8nm,0.6s,mb4.2,baz=106,slo=6.8,SNR=22									
WB2	Warramunga Arr	43.18	274	eP	P	04 44 11.3	-0.7		
WRAB	Tennant Creek	43.18	274	eP	P	04 44 11.5	-0.6		
0.7nm,1.0s,mb4.5									
WRA	Warramunga Arr	43.19	274	P	P	04 44 11.5	-0.6		
3.4nm,0.4s,mb4.4,baz=113,slo=7.8,SNR=18									
FITZ	Fitzroy Crossi	51.41	271	P	P	04 45 15.6	-0.5		
1.1nm,0.4s,mb4.1,baz=154,slo=8.3,SNR=6.1									
GSPA	South Pole Qui	62.11	160	P	P	04 46 08.6	+0.2		
2.6nm,0.6s,mb4.4,baz=25,slo=2.1,SNR=11									
KAF	Kangasniemi	145.07	339	eP	PKPbc	04 55 41.4	-4.8		
1.6nm,0.4s									
FINES	FINESS Array B	146.35	339	PKPbc	PKPbc	04 55 43.6	-4.5		
3.5nm,0.6s,baz=56,slo=3.3,SNR=22									
NB2	NORSAR Subarra	149.49	350	PKP	PKPbc	04 55 59.9	-2.7		
comp-Z:1.0nm,0.7s,baz=150,slo=2.8									
NOA	NORSAR Array B	149.49	350	PKPbc	PKPbc	04 55 56.5	-2.1		
comp-Z:0.6nm,0.4s,baz=48,slo=3.1,SNR=6.6									
AKASG	Malin Array Be	151.42	321	PKPbc	PKPbc	04 55 59.4	-4.2		
comp-Z:0.6nm,0.4s,baz=48,slo=3.1,SNR=6.6									
TORD	Torodi Ar. Bea	161.91	183	PKPab	PKPab	04 56 54.8	-3.0		
comp-Z:1.8nm,1.0s,baz=161,slo=4.1,SNR=6.6									

DJA 12 04:58:36.0 215.9, 99.65E, h14km, ML3.7/3, Error ellipse: s-maj=15.1km s-min=22.1km az=56.0, Southern

Sumatera

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res	ISC	h m s	ISC
WRA	Warramunga Arr	38.14	120	P	P	05 05 37.9	-0.0		
0.3nm,0.3s,baz=305,slo=9.0,SNR=5.7									
ASAR	Alice Springs	39.39	126	P	P	05 05 48.3	-0.3		
0.2nm,0.5s,baz=300,slo=8.3,SNR=4.3									
SONM	Songino Array	49.89	6	P	P	05 07 13.6	+1.1		
1.8nm,0.6s,baz=191,slo=8.9,SNR=10									
MKAR	Makanchi Array	51.01	345	P	P	05 07 19.8	-0.4		
1.3nm,0.6s,baz=150,slo=8.3,SNR=16									
ZALV	Zalesovo Beam	57.16	350	P	P	05 08 04.7	-0.4		
1.5nm,0.4s,baz=180,slo=5.9,SNR=7.2									

BUI 12 05:07:56.0 4, 4257N:14379E, h53km, mb4.7, mb4.6, Ms4.1

NIED 12 05:08:00.0 4220N:14290E, h56km, MW4.2 Best double couple: M2.08000:1015 NP1.28200000:0.870.00000, 1.88.00000, NP2.213.00000:0.820.00000, 1.95.00000

MOS 12 05:08:02.7 1.0, 4230N:14285E, h65km, mb4.6/15, Error ellipse: s-maj=12.8km s-min=7.5km az=101.8

ISCJB 12 05:08:03.1 0.3, 4224N:004:14289E, 004, h71km, 2km, mb4.2/20, Error ellipse: s-maj=6.6km s-min=4.5km az=147.1

NEIC 12 05:08:04.8 4224N:14291E, h53km, mb4.5/5, MW4.1 (NIED), After JMA.

NEIC Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in southwestern Hokkaido and in the Tomakomai area.

Also recorded [1 JMA] in Aomori Prefecture, Honshu.

JMA 12 05:08:04.7 0.1, 4224N:14291E, h53km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: 0.218.00000:0.180.00000, 1.102.00000, NP2: 0.218.00000:0.180.00000, 1.102.00000, Principal axes: T P1g6.00000, Azm290.00000, N P1g4.00000, Azm27.00000, P P1g27.00000, Azm119.00000.

JMA Felt J1

IDC 12 05:08:06.7 1.7, 4225N:14272E, h84km, 13km, mb3.8/13, mb1 3.9/15, mb1mx3.8/23, mbtmp3.7/15, MS2.8/8, Ms1 2.9/8, ms1mx2.8/35 Error ellipse: s-maj=18.0km s-min=12.6km az=114.0

ISC 12 05:08:04.4 0.3, 4226N:004:14289E, 004, h63km, 2km, n79, 0:091/89, mb4.3/28, 12C-7D, Hokkaido region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res	ISC	h m s	ISC
JNKB	Urakawa-nobuka	10.0	283	Op	Pn	05 08 12.9	-0.8		
comp-Z:2.0nm,0.4s,mb4.6									
JNKB				eS	Pn	05 08 19.7	-0.8		
JEM	Erino	0.31	140	IP	Pn	05 08 14.1	-0.7		
JNKB	Erino	0.31	140	IP	Pn	05 08 14.2	-0.7		
comp-Z:2.0nm,0.4s,mb4.6									
ERM				eS	Pn	05 08 21.5	-1.0		
JCH	Churui	0.50	44	IP	Pn	05 08 16.3	-0.2		
JCH				eS	Pn	05 08 25.2	-0.2		
JBT2	Biratori 2	0.65	324	IP	Pn	05 08 18.2	0.0		
JBT2	Furan	0.93	347	IP	Pn	05 08 21.4	-0.2		
JOB				eS	Pn	05 08 34.8	+0.4		
JOB	Onbets	0.47	47	IP	Pn	05 08 22.7	+0.8		
JOB				eS	Pn	05 08 36.1	+1.3		
JEW	Eniwo	1.21	299	IP	Pn	05 08 25.8	+0.6		
JEW				eS	Pn	05 08 41.7	+0.8		
JAR	Ashorobuto	1.23	32	IP	Pn	05 08 25.6	+0.2		
JAR				eS	Pn	05 08 40.3	-0.9		
JAB	Ashibetsu	1.34	339	IP	Pn	05 08 28.4	+1.5		
JNB	Noboribetsu	1.39	279	IP	Pn	05 08 45.0	0.0		
JNB				eS	Pn	05 08 47.8	+0.3		
JKB	Kayabe	1.43	256	eS	Pn	05 08 45.2	-0.8		
ASAJ	Asahikawa	1.87	354	P	Pn	05 08 35.9	+1.8		
106nm,0.3s,baz=204,slo=11,SNR=117									
YUK	Yuzh-Kuril'sk	2.81	50	ePN	Pn	05 09 00.5	+3.9		
34nm,0.3s,baz=167,slo=33,SNR=7									
YUK				eS	Pn	05 09 47.5	+0.7		
YUK				eS	Pn	05 09 20.0	+0.5		
comp-Z:2.00nm,0.5s									
YUK				smax					
comp-N:800nm,0.5s									
YUK				smax					
comp-E:800nm,0.5s									
KUR	Kuril'sk	4.67	49	PN	Pn	05 09 16.5	+4.2		
KUR				eS	Pn	05 10 12.5	+7.3		
comp-N:80nm,0.6s									
KUR				smax					

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC. Includes stations like MZK Matakaoa Point, KUZ Kuaotunu, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC. Includes stations like P10 Warm Springs, TPNV Topopah Spring, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC. Includes stations like KECS Kecovo, PRU Pruhonice, KRLS Kolonicke sedl, etc.

ISCJB 12 07:22:36.9.0.2, 3753N.001x11886W.001, h10km, Error ellipse: s-maj=1.8km s-min=1.7km az=167.7

ISC 12 07:22:36.1, 3754N.11887W, h10km, MW3.6(BRK), After NCEDC.

BJI 12 07:23:43.1, 3750N.11890W, h10km, mB4.8, mb5.0, Ms4.7, Ms4.3

NEIC 12 07:23:43.1, 3754N.11886W, h11km, mb4.5/30, MW4.6(BRK), After NCEDC.

NEIC Felt [V] at June Lake and Mammoth Lakes; [IV] at Hanford; [III] at Alhwanee, Arnold, Aubery, Bishop, Camino, Clovis, Coarsegold, El Portal, Fresno, Groveland, Jackson, Lee Vining, Madera, Mariposa, Mountain Ranch, Murphys, North Fork, Oakhurst, Pine Grove, Pioneer, Placerville, Porterville, Reedley, Sanger, Selma, Shaver Lake, Somerset, Sonora, Springville, Squaw Valley, Tollhouse, Twain Harte, Visalia and Yosemite National Park; [II] at Bass Lake, Columbia, Grass Valley, Lemoore, Pollock Pines, Three Rivers, Tulare and Woodlake.

NEIC Felt in the Mammoth Lakes area. ISC 12 07:22:37.2.0.2, 3754N.001x11886W.001, h10km, n107, a=1516/161.49C-55D, California-Nevada border region

Main table listing station data for the California-Nevada border region. Columns include Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC.

Main table listing station data for the California-Nevada border region. Columns include Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC.

ISC 12 07:23:44.2.0.1, 3752N.001x11889W.001, h10km, mb4.4/50, MS3.9/25, Error ellipse: s-maj=1.6km s-min=1.4km az=163.0

ISC 12 07:23:44.9.0.5, 3754N.11867W, h0km, mb4.1/17, mb1.4, 3/22, mb1mx4.2/32, mbmp4.1/22, ML3.9/5, MS3.8/22, Ms1.3, 8/22, ms1mx3.7/35, Error ellipse: s-maj=1.2km s-min=5.7km az=97.0

MOS 12 07:23:45.0.1, 3748N.11888W, h12km, mb4.7/22, Error ellipse: s-maj=6.1km s-min=5.3km az=91.1

ISC 12 07:23:45.3.1, 3750N.001x11893W.001, h10km, n289, a=1558/318, mb4.4/50, MS3.9/25, 66C-58D, California-Nevada border region

Main table listing station data for the California-Nevada border region. Columns include Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC.

ISCJB 12 07:22:39.1.0.5, 5005N.004x1847E.003, h0km, Error ellipse: s-maj=5.9km s-min=2.9km az=14.9

WAR 12 07:22:40.7, 4998N.1859E, ML2.6, Mining Induced

PRU 12 07:22:42.4, 4998N.1848E, h0km

ISC 12 07:22:40.6.0.5, 5000N.004x1855E.004, h0km, n14, a=1915/26, Czech and Slovak Republics

Table listing station data for the Czech and Slovak Republics. Columns include Code, Station Name, Az, El, P, Phase, ID, Time, Res, ISC.

U04C		U	S	Sn	07 24 42.3 +1.4	HVU	Hansel Valley	6.39	46	eP	Pn	07 25 24.8 +1.4	TKL	comp=Z,1.8nm,0.7s,mb3.8,baz=272,slow=8.7,SNR=3.2	LR	LR	07 41 23.4
S10A	baz=1.9	1.90	76	I	P	Pn	Camp Tracy	6.43	58	eP	Pg	07 25 18.7 -1.3	EGAK	comp=Z,5.91nm,20.8s,MS4.2,baz=114,slow=38	LR	LR	07 29 57.0 +0.4
S10A	baz=1.8			S	Sb		Daniels Canyon	6.65	62	eP	Pn	07 27 02.3 -9.4	MCK	comp=Z,5.9nm,1.4s,mb4.1	LR	LR	07 30 10.1 -0.1
LAVA	Lava Cap Winer	1.90	312	I	Pb	Pb	SRU	6.80	74	eP	Pn	07 25 25.5 +2.5	MCK	comp=Z,1.7nm,1.4s,mb4.7	P	Pmax	07 30 10.1 -0.1
LAVA	baz=1.9			S	Sn		HLUD	6.97	28	eP	Pn	07 25 26.7 +1.5	MCK	comp=Z,1.9nm,0.8s,mb4.0,baz=111,slow=4.7,SNR=4.9	LR	LR	07 42 51.6
S04C	Ingram Canyon,	1.91	271	I	Pb	Pb	HWUT	7.01	52	eP	Pn	07 25 20.9 +1.0	COLA	comp=Z,2.94nm,19.0s,MS3.5,baz=351,slow=36	P	P	07 30 15.2 +1.3
S04C	baz=2.0			I	Sb		BMO	7.45	9	eP	Pn	07 25 35.5 +1.5	TTA	comp=Z,4.0nm,0.7s,mb4.5	Pmax	Pmax	07 30 30.0 +1.4
WCN	Washoe City	1.92	340	I	Pb	Pb	Corvallis	7.81	336	P	Pn	07 25 44.0 +5.0	TTA	comp=Z,4.0nm,0.7s,mb4.5	eP	P	07 30 30.0 +1.4
WCN	baz=1.9			I	Sb		PV10	7.86	81	eP	Pn	07 25 40.6 +1.0	IMAA	comp=Z,3.5nm,0.7s,mb4.4	P	P	07 30 37.2 +0.4
Q09A	Carvers	1.92	45	I	Pb	Pb	AHD	7.98	46	eP	Pn	07 25 42.2 +1.6	SCHL	comp=Z,2.1nm,0.8s,mb3.9,baz=276,slow=6.0,SNR=3.3	P	P	07 31 09.3 -2.3
Q09A	baz=1.9			I	Sb		PV01	8.22	82	eP	Pn	07 25 45.1 +0.5	BILL	comp=Z,10.0nm,1.0s,mb4.8	Pmax	Pmax	07 32 42.6 +1.8
PACP	Pacheco Peak	1.94	256	P	Pb	Pb	MVCO	8.31	89	eP	Pn	07 25 49.3 +3.5	BILL	comp=Z,1.00nm,15.0s,MS4.0	MLR	MLR	07 33 30.7 +1.3
PACP	baz=2.0,SNR=191			I	Sb		TUC	8.45	125	eP	Pn	07 25 47.9 +0.1	PET	comp=Z,4.4nm,1.3s,mb5.3	P	P	07 33 30.9 +0.9
FURC	Furnace Creek,	1.95	121	I	P	Pn	OCMD	8.47	42	eP	Pn	07 28 11.0	PET	comp=Z,2.4nm,0.7s,mb4.5	Pmax	Pmax	07 33 30.9 +0.9
PKD	Parkfield	2.02	220	I	P	Pn	REDW	8.50	44	eP	Pn	07 27 49.7 +1.7	PET	comp=Z,3.5nm,0.7s,mb4.4	P	P	07 33 30.9 +0.9
PKD	baz=2.1			I	S		TPAW	8.53	43	eP	Pn	07 25 50.8 +2.0	IMAA	comp=Z,3.5nm,0.7s,mb4.4	P	P	07 33 30.9 +0.9
P07A	Fallon	2.04	1	I	P	Pn	SNOW	8.62	44	eP	Pn	07 25 51.9 +2.0	SCHL	comp=Z,2.1nm,0.8s,mb3.9,baz=276,slow=6.0,SNR=3.3	P	P	07 33 30.9 +0.9
PTRM	Twisslemann Ran	2.11	210	eP	Pn	Pn	MCMT	8.64	30	eP	Pn	07 25 53.4 +3.2	BILL	comp=Z,14.0nm,0.7s,mb5.1	MLR	MLR	07 33 30.9 +0.9
SAO	San Andreas Ge	2.14	251	eP	Pn	Pn	LHOW	8.80	43	eP	Pn	07 25 54.4 +1.9	PETK	comp=Z,2.2nm,0.7s,mb4.0,baz=119,slow=3.5	LR	LR	07 33 30.9 +0.9
TPNV	Topopah Spring	2.21	104	I	P	Pn	MOOW	8.81	42	eP	Pn	07 26 02.4 +1.6	PETK	comp=Z,2.3nm,19.3s,MS3.3,baz=193,slow=35	LR	LR	07 33 30.9 +0.9
TPNV	baz=2.2			I	Sb		BOZZ	9.80	32	eP	Pn	07 26 08.1 +1.9	TIXI	comp=Z,2.7nm,0.7s,mb4.5	Pmax	Pmax	07 33 30.9 +0.9
TPNV	Topopah Spring	2.21	104	eP	Pn	Pn	Rawlins	9.96	62	P	Pn	07 26 09.2 +0.8	TIXI	comp=Z,9.0nm,0.6s,mb3.9,baz=303,slow=6.7,SNR=3.5	P	P	07 33 30.9 +0.9
R10A	Warm Springs	2.22	68	I	Pb	Pb	MSO	10.03	20	eP	Pn	07 26 11.3 +1.9	PPT	comp=Z,1.2nm,0.8s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
R10A	baz=2.2			I	Sb		LAZ	10.04	104	eP	Pn	07 26 05.7 -3.9	YAK	comp=Z,4.4nm,18.1s,MS3.9,baz=345,slow=32	P	P	07 33 30.9 +0.9
P05C	Yuba Gap, Truc	2.24	324	I	Pb	Pb	CHMT	10.31	22	eP	Pn	07 26 14.7 +1.6	YAK	comp=Z,2.14nm,0.7s,mb4.7,slow=9.2,SNR=3.5	LR	LR	07 33 30.9 +0.9
P05C	baz=2.2			I	Sb		ANMO	10.39	100	P	Pn	07 26 18.9 +4.6	YAK	comp=Z,2.57nm,19.7s,MS3.8,baz=245,slow=35	P	P	07 33 30.9 +0.9
PAHR	Pah Rah Range	2.24	351	P	Pn	Pn	RLMT	10.52	41	eP	Pn	07 26 19.0 +3.0	YSS	comp=Z,14nm,0.7s,mb5.1	Pmax	Pmax	07 33 30.9 +0.9
LRMC	Laurel Mountai	2.25	153	I	Pb	Pb	SDCO	10.65	85	eP	Pn	07 26 19.1 +1.1	YSS	comp=Z,2.6nm,1.3s,mb5.0	Pmax	Pmax	07 33 30.9 +0.9
LRMC	baz=2.3			I	Sb		ISCO	10.67	73	eP	Pn	07 26 22.6 +4.5	RAR	comp=Z,1.35nm,21.5s,MS4.2,baz=312,slow=29	LR	LR	07 33 30.9 +0.9
WENL	Wente Brothers	2.25	274	I	P	Pn	ISCO	10.67	73	eP	Pn	07 26 22.6 +4.5	AFI	comp=Z,1.02nm,18.6s,MS4.1,baz=58,slow=30	P	P	07 33 30.9 +0.9
P08A	Dixie Valley	2.29	17	I	P	Pn	ISCO	10.67	73	eP	Pn	07 26 22.6 +4.5	LPAZ	comp=Z,2.10nm,0.7s,mb3.7,baz=4.7,slow=9.2,SNR=3.5	LR	LR	07 33 30.9 +0.9
U10A	Ash Meadows, A	2.34	17	I	Pb	Pb	GCMT	10.80	37	eP	Pn	07 26 23.4 +3.6	LPAZ	comp=Z,0.7nm,0.7s,mb3.7,baz=4.7,slow=9.2,SNR=3.5	LR	LR	07 33 30.9 +0.9
SMCC	Simmler	2.35	202	I	P	Pn	NEW	10.84	6	P	Pn	07 26 23.5 +3.1	LPAZ	comp=Z,2.57nm,19.7s,MS3.8,baz=245,slow=35	P	P	07 33 30.9 +0.9
Q04C	Lincoln	2.35	306	I	Pb	Pb	NEW	10.84	6	P	Pn	07 26 23.5 +3.1	LPAZ	comp=Z,2.57nm,19.7s,MS3.8,baz=245,slow=35	P	P	07 33 30.9 +0.9
Q04C	baz=2.4			I	Sb		NEW	10.84	6	P	Pn	07 26 23.5 +3.1	LPAZ	comp=Z,2.57nm,19.7s,MS3.8,baz=245,slow=35	P	P	07 33 30.9 +0.9
RV4C	Arvin	2.37	178	I	P	Pn	PHWY	11.09	66	eP	Pn	07 26 27.5 +3.6	EKA	comp=Z,1.2nm,0.8s,mb3.9,baz=320,slow=5.9	P	P	07 33 30.9 +0.9
V03C	Hunter Liggett	2.37	232	I	P	Pn	WALA	12.12	16	eP	Pn	07 26 39.8 +1.9	NOA	comp=Z,2.1nm,0.8s,mb3.9,baz=320,slow=5.9	P	P	07 33 30.9 +0.9
BDM	Black Diamond	2.37	282	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	HFS	comp=Z,1.3nm,0.9s,mb3.4,baz=304,slow=7.2,SNR=4.9	P	P	07 33 30.9 +0.9
HAST	Hastings Reser	2.38	243	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
Q10A	Clear Creek Ra	2.39	56	I	Pb	Pb	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
Q10A	baz=2.3			I	Sb		EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
V04C	Ramage Ranch,	2.43	221	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
P09A	Austin	2.49	34	I	Pb	Pb	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
BNLO	Ben Lomond (Sa	2.61	263	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
JRSC	Jasper Ridge	2.64	269	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
EDW2	Edwards Air Fo	2.72	164	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
OHCN	Honcut	2.72	313	Pn	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
GSC	Goldstone	2.78	141	Pn	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
GSC	Goldstone	2.78	141	Pn	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
O09A	Fish Creek Ran	3.00	26	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
NSHM	Saint Helena R	3.08	291	P	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
MCCM	Marconi Confer	3.20	283	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
MCCM	Marconi Confer	3.20	283	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
BMN	Battle Mountai	3.22	284	Pn	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
BMN		3.22	284	Pn	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
HOPS	Hopland	3.59	296	eP	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
S13A	Holt Ranch, En	4.03	87	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
T13A	Saint George	4.03	95	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
N11A	Elko Archery C	4.14	36	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
WDC	Whiskeytown Da	4.17	319	eP	Pn	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
BELC	Belle Mtn.	4.22	145	I	P	Pn	EGMT	12.48	30	eP	Pn	07 26 44.5 +1.7	ROSF	comp=Z,3.5nm,0.7s,mb4.4,baz=278,slow=4.0,SNR=5.4	P	P	07 33 30.9 +0.9
KCPM	Cahto Peak	4.25	302	eP	Pn	Pn	EGMT	12.48	30	eP	Pn						

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

NIED 12 07:28:00, 4500N: 14960E, h32km, Mw3.9 Best double couple: M=6.87000, 1014 NP1.325, 00000, 684, 00000, 148, 00000. NP2.131, 00000, 559, 00000, 1, 7, 00000.

ISCJJB 12 07:31:01.6, 0.4, 4472N, 008: 14966E, 0.09, h33km, mb4.0/2, MS3.4/2, Error ellipse: s-maj=14.0km s-min=6.5km az=146.4

JMA 12 07:28:32.4, 0.7, 4498N: 14961E, h30km, M4.3 NEIC 12 07:28:37.4, 1.0, 4555N: 14865E, h20km, mb4.5/2, Error ellipse: s-maj=25.7km s-min=16.5km az=113.0

MOS 12 07:28:38.1, 1.8, 4494N: 14907E, h82km, mb4.0/7, Error ellipse: s-maj=16.2km s-min=15.2km az=94.0

IDC 12 07:28:44.7, 3.0, 4566N: 14878E, h80km, 26km, mb3.4/7, mb1 3.5/9, mb1mx3.4/22, mbtmp3.4/3, MS3.1/4, Ms1 3.1/4, ms1mx2.7/25, Error ellipse: s-maj=30.1km s-min=20.4km az=113.0

ISC 12 07:28:34.1, 0.9, 4482N: 009: 14957E, 0.10, h35km, n44, r10137, mb4.0/2, MS3.4/2, 5C-1D, Kuril Islands

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

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

CSEM 12 07:30:52.7, 3646N-2322E, h30km, MD3.5/5, After ATH NEIC 12 07:30:52.7, 3646N-2322E, h30km, MD3.5(ATH), After ATH.

ATH 12 07:30:52.7, 3646N-2322E, h30km, 2km, MD3.5/5, 1C-4D, Southern Greece

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

IDC 12 07:39:43.6, 4.7, 258S: -13926E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.4/13, mbtmp3.4/3, ML3.3/1, MS2.4/1, Ms1 2.4/1, ms1mx2.2/13, Error ellipse: s-maj=187.7km s-min=30.4km az=87.0, Near north coast of Irian Jaya

WRA Warramunga Arr 17.91 195 P Pn 07 43 55.1 +0.8

FITZ Fitzroy Crossi 20.41 220 LR LR 07 53 14.8

ASAR Alice Springs 15.95 193 P P 07 44 35.0 -0.2

MKAR Makanchi Array 70.02 322 P P 07 50 57.3 +0.1

ISCJJB 12 07:49:03.0, 1.0, 3752S: 008: 1776E, 0.1, h20km, 5km, mb3.0/2, Error ellipse: s-maj=15.2km s-min=12.0km az=4.2

NEIC 12 07:49:03.8, 1.0, 3751S: 17750E, h206km, 6km, MG4.4(WEL), Error ellipse: s-maj=14.6km s-min=10.8km az=97.0

WEL 12 07:49:05.7, 0.4, 3714S: 17738E, h160km, 3km, ML4.3/20, Error ellipse: s-maj=3.0km s-min=2.8km az=0.0

IDC 12 07:49:06.5, 1.2, 3753S: -17692E, h179km, 10km, mb2.9/2, mb1 3.3/3, mb1mx3.1/15, mbtmp3.1/3, Error ellipse: s-maj=36.0km s-min=26.8km az=113.0

ISC 12 07:49:04.1, 1.0, 3753S: 007: 1776E, 0.1, h203km, 5km, n124, r19143/133, mb3.0/2, Off east coast of North Island

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

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

IDC 12 08:02:24.5, 2.3, 181S: 13288E, h0km, mb4.0/2, mb1 4.2/4, mb1mx3.8/18, mbtmp3.9/4, ML3.7/2, MS3.3/1, Ms1 3.3/1, ms1mx2.6/18, Error ellipse: s-maj=95.2km s-min=25.4km az=78.0, Irian Jaya region

FITZ Fitzroy Crossi 17.68 203 Op Pn 08 06 31.1 -1.3

WRA Warramunga Arr 18.08 176 P Pn 08 06 37.1 -0.1

WRA Warramunga Arr 18.08 176 P Pn 08 09 49.2 -1.0

ASAR Alice Springs 21.75 177 P P 08 07 18.3 +0.6

CTA Charters Tower 22.38 145 LR LR 08 17 15.1

MKAR Makanchi Array 65.60 324 P P 08 13 10.3 +0.1

IDC 12 08:20:16.9, 1.2, 1645N: 9845W, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.9/25, mbtmp4.0/9, ML4.0/2, MS3.3/10, Ms1 3.4/10, ms1mx3.1/32, Error ellipse: s-maj=24.9km s-min=16.2km az=2.0

ISCJJB 12 08:20:17.8, 1.3, 1634N: 003: 9848W, 0.02, h24km, 11km, mb4.0/18, MS3.4/6, Error ellipse: s-maj=6.1km s-min=3.4km az=17.6

NEIC 12 08:20:0.2, 0.2, 1626N: 9852W, h19km, mb4.0/17, MD4.6(MEX), After MEX.

MEX 12 08:20:0.2, 0.2, 1626N: 9852W, h22km, 22km, MD4.6

ISC 12 08:20:19.2, 1.3, 1637N: 004: 9846W, 0.02, h19km, 9km, n77, r130/113, mb4.0/18, MS3.4/6, Near coast of Guerrero

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like BDFB Brasilia, LVC Limon Verde, BOSHA Boshof, etc.

ISCJB 12 10:19:40.3, 0.4, 5.981N-002:2431E, h0km, Error ellipse: s-maj=4.2km s-min=3.3km az=35.0

NAO 12 10:19:42.5, 1.0, 5.983N-2426E, ML2.1

HEL 12 10:19:42.4, 0.1, 5.982N-2419E, h0km, ML2.1 (NAO), ML2.1 (NAO), Explosion

ISC 12 10:19:42.9, 2.3, 5.980N-2431E, h0km, mb1 3.3/3, mb1mx3.1/23, mbimp3.3/3, ML3.0/3, Error ellipse: s-maj=24.9km s-min=6.6km az=145.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MEF Metsahovi, PVF Pernaja, etc.

GUC 12 10:30:32.0, 3.0, 3.764S-7330W, h55km, 32km, ML4.6

NEIC 12 10:30:32.3, 3.764S-7330W, h55km, mb4.5/6, After GUC. NEIC Felt [III] at Concepcion and Los Angeles.

ISCJB 12 10:30:33.6, 0.8, 3.759S-003:7310W, 0.1, h40km, 7km, mb4.4/21, MS3.8/8, Error ellipse: s-maj=13.9km s-min=5.2km az=4.0

IDC 12 10:30:33.8, 0.6, 3.763S-7312W, h29km, 3km, mb4.0/12, mb4.4/21, mb1mx4.1/22, mbimp4.0/16, ML4.3/4, MS3.7/3, MS1.3/7, ms1mx3.5/24, Error ellipse: s-maj=21.3km s-min=13.1km az=65.0

ISC 12 10:30:33.3, 1.7, 3.763S-003:7313W, 0.09, h25km, 12km, h31km, 6km, pP, n59, d0665/61, mb4.4/21, MS3.8/8, 4C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like TMU Temuco, COCH Cobquecura, etc.

ZALV Zalesovo Beam 157.72 36 PKP PKPdf 10 50 25.8 -1.1

ISCJB 12 10:33:17.9, 0.0, 6.407N-003:2366E, 0.05, h11km, 5km, Error ellipse: s-maj=6.6km s-min=5.3km az=165.0

ATH 12 10:33:17.4, 4.080N-2350E, h28km, 13km, MD3.2/3

CSEM 12 10:33:18.6, 0.1, 4.077N-2368E, h0km, 2km, ML2.2, Error ellipse: s-maj=2.0km s-min=1.4km az=89.0

ISC 12 10:33:18.4, 0.0, 6.407N-003:2367E, 0.05, h9km, 7km, n11, d0564/19, 1C-2D, Greece

IDC 12 10:37:28.7, 1.1, 1.235S-11551E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.8/20, mbimp3.9/8, ML3.9/1, MS3.4/4, MS1 3.4/4, ms1mx2.9/39, Error ellipse: s-maj=86.1km s-min=17.5km az=61.0

DJA 12 10:37:29.0, 84S-11584E, h194km, ML4.6/3

ISCJB 12 10:37:32.3, 5.3, 1.153S-1157E, 0.6, h36km, 44km, mb3.9/7, MS3.9/9, Error ellipse: s-maj=114.6km s-min=18.6km az=154.0

ISC 12 10:37:34.9, 4.6, 11S-003:1157E, 0.6, h41km, 39km, n12, d0548/8, mb3.8/7, MS3.5/3, Borneo

ISCJB 12 10:38:17.1, 0.6, 5.980N-003:2424E, 0.08, h0km, Error ellipse: s-maj=5.7km s-min=3.8km az=2.1

IDC 12 10:38:19.4, 3.0, 5.982N-2418E, h0km, mb1 3.2/2, mb1mx3.0/22, mbimp3.1/2, ML3.0/2, Error ellipse: s-maj=1.6km s-min=0.5km az=149.0

HEL 12 10:38:18.0, 0.1, 5.982N-2423E, h0km, ML2.0, Explosion

ISC 12 10:38:18.0, 0.5, 5.982N-003:2422E, 0.08, h0km, n13, d0872/21, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like KAPI Kappang, BATI Bati, etc.

Table with columns: CMCH, Combarbala, 3.31 206, J/P, Pn, 10 41 16.6, -0.2, 10 41 55.6, -0.4

Table with columns: CMCH, Combarbala, 3.31 206, J/P, Pn, 10 41 16.6, -0.2, 10 41 55.6, -0.4

NEIC 12 10:44:26.0, 38355s:17577E, h157km, MG3.8(WEL), After WEL

WEL 12 10:44:25.4±0.3, 38355s:15787E, h164km±2km, ML3.7/16, 3C-2D, Error ellipse: s-maj=1.8km s-min=1.4km az=90.0,

Main table listing station names, coordinates, and times for various stations like HIZ, TWVZ, NGZ, etc.

Table listing station names, coordinates, and times for stations like KAF, NRTU, GRAU, etc.

ISCJB 12 11:04:04.5±0.5, 5982N:003:24.14E±0.06, h0km, Error ellipse: s-maj=4.8km s-min=3.8km az=20.7

IDC 12 11:04:06.9±2.4, 5976N:24.51E, h0km, mb1 3.3/3, mb1mx3.1/23, mbtmp3.2/3, ML3.1/3, Error ellipse: s-maj=26.7km s-min=7.8km az=140.0

NAO 12 11:04:07.2±1.1, 5983N:24.33E, h0km, 1 BER 12 11:04:07.8±4.4, 5983N:24.38E, ML2.1(NAO), Suspected explosion

HEL 12 11:04:07.3±0.1, 5983N:24.26E, h0km, ML2.3, ML2.1(NAO), Explosion

ISC 12 11:04:05.7±0.4, 5983N:003:24.19E±0.06, h0km, n23, ±1503/39, Baltic States - Belarus - Northwestern Russia

Table listing station names, coordinates, and times for stations like MEF, PNF, etc.

ISCJB 12 10:58:19.4±0.4, 5980N:003:24.30E±0.05, h0km, Error ellipse: s-maj=3.8km s-min=3.3km az=137.5

NAO 12 10:58:21.5±1.0, 5984N:24.27E, ML2.0 BER 12 10:58:21.7±3.8, 5983N:24.26E, h0km, ML2.0(NAO), Suspected explosion

HEL 12 10:58:21.4±0.1, 5983N:24.20E, h0km, ML2.1, ML2.2(UPP), ML2.0(NAO), Explosion

IDC 12 10:58:21.7±2.4, 5980N:24.25E, h0km, mb1 3.3/3, mb1mx3.1/23, mbtmp3.3/3, ML3.1/3, Error ellipse: s-maj=27.5km s-min=6.7km az=147.0

ISC 12 10:58:20.5±0.4, 5982N:002:24.30E±0.05, h0km, n31, ±0889/52, Baltic States - Belarus - Northwestern Russia

Table listing station names, coordinates, and times for stations like MEF, PNF, etc.

ISCJB 12 11:08:13.6±0.5, 5987N:003:24.14E±0.06, h0km, Error ellipse: s-maj=4.7km s-min=3.6km az=28.4

IDC 12 11:08:15.9±2.5, 5977N:24.47E, h0km, mb1 3.3/3, mb1mx3.1/23, mbtmp3.3/3, ML3.2/3, Error ellipse: s-maj=27.3km s-min=6.8km az=143.0

NAO 12 11:08:16.1±1.0, 5983N:24.39E, ML2.1 BER 12 11:08:16.9±4.0, 5983N:24.40E, h0km, ML2.1(NAO), Suspected explosion

HEL 12 11:08:16.3±0.1, 5983N:24.27E, h0km, ML2.2, ML2.1(NAO), Explosion

ISC 12 11:08:14.9±0.4, 5985N:002:24.26E±0.06, h0km, n23, ±0974/43, Baltic States - Belarus - Northwestern Russia

Table listing station names, coordinates, and times for stations like MEF, PNF, etc.

Table listing station names, coordinates, and times for stations like FIAO, FINES, etc.

ISCJB 12 11:12:10.0±0.9, 500N:005:126.6E±0.1, h95km±8km, mb4,2/19, Error ellipse: s-maj=22.2km s-min=7.7km az=177.0

MAN 12 11:12:10.519N:126.68E, h13km, mb4.9, ML3.8, MS3.8 IDC 12 11:12:11.0±1.0, 4.7, 5.00N:126.71E, h90km±43km, mb3.9/15, mb1 4.0/16, mb1mx3.9/22, mbtmp3.9/16, MS2.8/2, Ms1 2.8/2, ms1mx2.4/40, Error ellipse: s-maj=35.3km s-min=12.1km az=77.0

NEIC 12 11:12:12.6±2.9, 495N:126.53E, h103km±26km, mb4.6/5, Error ellipse: s-maj=23.8km s-min=7.7km az=71.0

DJA 12 11:12:16.449N:128.85E, h38km, ML4.7/3 ISC 12 11:12:11.5±0.9, 499N:005:126.6E±0.1, h93km±8km, n35, ±089/37, mb4.2/19, 2C-1D, Talaud Islands

Main table listing station names, coordinates, and times for various stations like MATI, GSPH, etc.

BUI 12 11:16:02.2, 708S:155.97E, h14km, mb4.8, mb4.8, Ms4.7, Ms2.3

ISCJB 12 11:16:07.5±0.3, 688S:005:155.47E±0.05, h33km, mb4.6/42, MS3.8/18, Error ellipse: s-maj=7.5km s-min=6.8km az=44.3

MOS 12 11:16:07.4±0.9, 680S:155.46E, h33km, mb5.1/8, Error ellipse: s-maj=12.0km s-min=3.4km az=86.3

IDC 12 11:16:08.9±0.8, 692S:155.40E, h33km±5km, mb4.2/16, Mb1 4.3/17, mb1mx4.3/18, mbtmp4.2/17, ML4.7/1, MS3.7/14, Ms1 3.7/14, ms1mx3.5/31, Error ellipse: s-maj=19.1km s-min=13.3km az=106.0

NEIC 12 11:16:11.2±1.2, 695S:155.51E, h56km±11km, mb4.9/16, Error ellipse: s-maj=8.6km s-min=6.4km az=147.0

ISC 12 11:16:10.6±1.6, 693S:007:155.51E±0.06, h47km±16km, h18km±7.3km, p-P, n19, ±190/91, mb4.6/42, MS3.8/18, 7C-1D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LZH, LZH, AP, pP, 11 26 47.0 -10. Includes stations like Honiara, Charters Tower, Alice Springs, etc.

Table with columns: LZH, LZH, AP, pP, 11 26 47.0 -10. Includes stations like Magadan, Gaotai, Semychcan, Vanda, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LZH, LZH, AP, pP, 11 26 47.0 -10. Includes stations like Mef, Pernaia, Matsula, Rauma, Virojoki, etc.

ISCJB 12 11:16:50.8:0.5, 5988N:003:2401E:007, h0km, Error ellipse: s-maj=6.1km s-min=3.8km az=42.1

ISCJB 12 11:21:18.1:0.5, 5988N:003:2399E:006, h0km, Error ellipse: s-maj=25.0km s-min=6.2km az=148.0

BUI 12 11:27:35.6, 4.75S, 152.28E, h227km, mb4.5, mb4.6
NEIC 12 11:27:37.5, 2.5, 4.85S, 151.63E, h206km, 23km, mb4.4/1.5,
Error ellipse: s-maj=11.8km s-min=7.7km az=58.0

DJA 12 11:27:52.5435, 1.5105E, h310km, mb4.6/1.1
ISC 12 11:27:35.4, 1.7, 4.84S, 005:15170E, 007, h187km, 16km,
h171km, 4.0km; p-P, n78, s190/73, mb4.4/37, 5C, New

Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CTA Charters Tower, WBR Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MK31 Makanchi Array, MKAR Makanchi Array, ZAL Zalesovo, etc.

ISC/JB 12 11:32:52.9, 0.5, 5.983N-003:2422E, 0.06, h0km, Error
ellipse: s-maj=5.4km s-min=3.3km az=143.4

HEL 12 11:32:54.0, 1.0, 5.983N-2421E, h0km, ML2.1, ML2.0(UPP),
Explosion

IDC 12 11:32:54.2, 4.9, 5.983N-2435E, h0km, mb1 3.4/3,
mb1mx3.0/23, mbtmp3.1/3, ML3.1/2, Error ellipse:
s-maj=26.3km s-min=6.4km az=148.0

ISC 12 11:32:53.8, 0.5, 5.986N-003:2425E, 0.06, h0km, n24,
s1919/37, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MEF Metsahovi, MEF Pernaja, PVF Mutsula, etc.

ISC/JB 12 11:38:35.3, 0.4, 5.983N-002:2432E, 0.05, h0km, Error
ellipse: s-maj=3.9km s-min=3.2km az=136.5

NAO 12 11:38:36.7, 1.0, 5.984N-2420E, ML2.0
BER 12 11:38:37.0, 3.9, 5.984N-2421E, h0km, ML2.0(NAO),
Suspected explosion

HEL 12 11:38:37.1, 0.1, 5.983N-2422E, h0km, ML2.1, ML2.2(UPP),
ML2.0(NAO), Explosion

IDC 12 11:38:39.3, 1.1, 5.994N-2414E, h0km, mb1 3.4/4,
mb1mx3.1/24, mbtmp3.2/4, ML3.4/3, Error ellipse:
s-maj=13.3km s-min=6.0km az=141.0

ISC 12 11:38:36.4, 0.3, 5.984N-002:2432E, 0.05, h0km, n36,
s1904/36, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MEF Metsahovi, MEF Pernaja, PVF Mutsula, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like FIAO baz=214, slow=16, FINES FINESS Array B, etc.

ISC/JB 12 11:52:47.9, 0.4, 5.982N-003:2434E, 0.06, h0km, Error
ellipse: s-maj=4.2km s-min=3.7km az=29.0

NAO 12 11:52:50.4, 1.0, 5.984N-2411E, ML2.3
HEL 12 11:52:50.1, 0.1, 5.983N-2422E, h0km, ML2.3, ML2.3(UPP),
ML2.3(NAO), Explosion

IDC 12 11:52:50.9, 2.3, 5.983N-2432E, h0km, mb1 3.4/3,
mb1mx3.2/23, mbtmp3.3/3, ML3.5/2, Error ellipse:
s-maj=26.5km s-min=6.7km az=145.0

BER 12 11:52:51.0, 3.9, 5.985N-2438E, h0km, ML2.3(NAO),
Suspected explosion

ISC 12 11:52:49.1, 0.4, 5.984N-002:2433E, 0.05, h0km, n31,
s1874/4, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MEF Metsahovi, MEF Pernaja, PVF Mutsula, etc.

ISCJB 12 11:54:20.4,0.8,5979N,005:2404E,009,h0km,Error ellipse: s-maj=8.3km s-min=5.0km az=146.1

HEL 12 11:54:23.1,0.2,5979N,2434E,h0km,ML2.2,Explosion IDC 12 11:54:25.1,2.8,5997N,2420E,h0km,mb1 3.3/2, mb1mx3,1/22,mbtmp3.2,ML2.4/2,Error ellipse: s-maj=28.6km s-min=8.3km az=152.0

ISC 12 11:54:21.4,0.7,5978N,005:2421E,008,h0km,n13, a+181R,18,Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEF Metsahovi, MTSE Matsua, PVF Penjaia, etc.

IDC 12 12:08:24.4,1.1,1129N,8636W,h0km,mb3.9/7,mb1 4.1/9, mb1mx3.9/24,mbtmp3.9/9,ML3.8/2,MS3.3/3,MS1 2.2/3, mb1mx2.8/30,Error ellipse: s-maj=41.5km s-min=20.9km az=43.0

ISCJB 12 12:08:25.3,0.9,1073N,005:8685W,007,h48km,9km, mb4.0/15,MS3.3/2,Error ellipse: s-maj=13.3km s-min=5.1km az=147.9

CASC 12 12:08:25.3,2.2,1073N,8686W,h35km,999km,MD4.0, mb4.1(NEIC)

NEIC 12 12:08:29.0,4.5,1125N,8642W,h31km,31km,mb4.1/8, Error ellipse: s-maj=23.1km s-min=12.6km az=218.0

ISC 12 12:08:26.8,0.8,1077N,005:8680W,007,h42km,9km,n57, a+180E/51,mb4.0/15,MS3.3/2,14C-10D,Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSNN San Juan del S, CRUN El Crucero, VCR Vista de Mar, etc.

CHI2 La Pedrera 15:07 101/P/P

SDV Santo Domingo 16:34 95 Pn

ATAH Ahaluapa 19:54 154 LR

GOGA Godfrey 22:74 7 eP

PLAL Pickwick Lake 24:13 357 P

TXAR Great Sand Dunes 24:27 322 P

TXAR Lajitas Array 24:32 357 P

MIAR Mount Ida 24:46 364 P

CPCT Cooper Cave 24:65 4 eP

TKL Tuckaleechee C 24:93 6 P

SDCO Great Sand Dunes 31:68 331 eP

ECSO EROS, Sioux Fal 33:92 347 eP

COWI Conover 35:26 357 eP

PDAR Pinedale Array 37:54 332 P

HWUT Hardware Ranch 37:63 329 eP

AGMM Agassiz Refuge 38:17 350 eP

NVAR Mina Array Bae 39:38 320 P

NVAR Mina Array Bae 39:38 320 P

NVAR McKenzie Canyon 40:65 331 P

MBDF BDF Brasilia 46:52 124 P

BDFB 46:52 124 LR

SCHO Schefferville 46:70 16 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

YKA Yellowstone Ar 55:39 345 P

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ASAR Alice Springs 139.21 246 PKP PKPdf

NISR	Nisiroi	2.36 166	ePb	Pb	13 13 42.0	-1.4	GZR	Gura Zlata	7.02 339	P	Pn	13 14 43.5	0.0	GNI	Garni	14.21 79	LR	LR	13 22 58.5	
DENT	Denizli	2.36 118	ePn	Pn	13 13 38.8	-0.8	TIP	Timpanagra	7.52 275	P	Pn	13 14 51.7	+1.3	GNI	Garni	14.21 79	eP	Pn	13 16 20.3	-1.6
DENT	Denizli	2.36 118	ePn	Pn	13 13 38.7	-0.8	BZS	Buzias	7.59 334	iP	Pn	13 14 51.5	+0.2	PVOC	Panska Vca	14.33 328	AMS	AMS	13 22 20.0	
CRLT	Corlu	2.44 24	ePn	Pn	13 13 41.1	+0.5	BZS	Buzias	7.59 334	iP	Pn	13 14 51.5	+0.2	DAVOS	Davos/Dischmat	14.44 308	LR	LR	13 21 35.0	
CRLT	Corlu	2.44 24	ePn	Pn	13 13 41.0	+0.4	ORI	Oriolo Calabro	7.79 282	P	Pn	13 14 56.7	+2.6	NKC	Novy Kostel	15.04 323	AMS	AMS	13 22 20.0	
NEOKH	Neokhoru	2.52 115	iPn	Pn	13 13 40.2	-0.4	ORI	Oriolo Calabro	7.79 282	P	Pn	13 14 56.7	+2.6	VRSR	Storozhevoye	15.23 32	eP	Pn	13 16 35.0	-0.7
XOR	Xorichiti	2.55 281	ePn	Pn	13 13 42.0	-0.4	SEV	Yalta	8.04 44	eS	Pn	13 14 57.2	-0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
NAIG	Nisos Aigina	2.57 244	ePn	Pn	13 13 42.0	-0.4	VAL	Yalta	8.04 44	eS	Pn	13 14 57.2	-0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
THRS	Thira Island,	2.62 199	ePn	Pn	13 13 42.0	-1.2	SOI	Samo	8.17 267	P	Pn	13 14 58.4	-0.9	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
GEMT	Gemlik	2.63 54	ePn	Pn	13 13 43.2	0.0	CUC	Castrocuoco	8.27 281	P	Pn	13 15 03.0	+2.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
SANT	Santorini	2.64 197	ePn	Pn	13 13 42.1	-1.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
SANT	Santorini	2.64 197	ePn	Pn	13 13 42.1	-1.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
THR6	Thira Island,	2.67 198	ePn	Pn	13 13 43.0	-0.7	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
LKR	Lokris	2.68 266	ePn	Pn	13 13 43.6	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
LKR	Lokris	2.68 266	ePn	Pn	13 13 43.6	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
PLG	Polygyros	2.72 304	ePn	Pn	13 13 44.9	+0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
PLG	Polygyros	2.72 304	ePn	Pn	13 13 44.7	+0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
CTT	Catalca	2.72 34 ePn	Pn	Pn	13 13 44.4	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
CTT	Catalca	2.72 34 ePn	Pn	Pn	13 13 43.9	-0.6	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
IZI	Iznik	2.76 58	ePn	Pn	13 13 44.5	-0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
DALT	Dalyan (Mudla)	2.77 140	ePn	Pn	13 13 45.2	+0.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
DALT	Dalyan (Mudla)	2.77 140	ePn	Pn	13 13 45.1	0.0	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
YLV	Yalova	2.82 53	ePn	Pn	13 13 46.3	+0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
YLV	Yalova	2.82 53	ePn	Pn	13 13 46.2	+0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
KDZ	Kurdzhali	2.84 345	P	Pn	13 13 45.9	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
KDZ	Kurdzhali	2.84 345	P	Pn	13 13 46.3	+0.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
LTK	Loutraki	2.84 253	ePn	Pn	13 13 45.8	-0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
DID	Dilidima	2.87 242	ePn	Pn	13 13 46.2	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
ALT	Altintas	2.89 86	ePn	Pn	13 13 46.8	+0.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
EDRB	Edirne	2.95 5 ePn	Pn	Pn	13 13 47.4	-0.2	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
ISK	Istanbul-Kandi	2.96 42	ePn	Pn	13 13 48.0	+0.2	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
ARG	Arkhangelos	3.01 153	iPn	Pn	13 13 49.3	+0.8	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
SOH	Sokhos	3.03 310	ePn	Pn	13 13 49.7	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
SOH	Sokhos	3.03 310	ePn	Pn	13 13 49.7	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
HORT	Hortiatiss	3.06 305	ePn	Pn	13 13 49.7	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
HORT	Hortiatiss	3.06 305	ePn	Pn	13 13 49.7	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
RZN	Rozen	3.07 336	P	Pn	13 13 49.6	+0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
RZN	Rozen	3.07 336	P	Pn	13 13 49.6	+0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
KLVT	Kilyos	3.09 40	ePn	Pn	13 13 49.3	+0.0	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
KLVT	Kilyos	3.09 40	ePn	Pn	13 13 49.5	-0.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
SRS	Serrai	3.09 316	ePn	Pn	13 13 49.6	0.0	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
FETY	Fethiye	3.10 136	ePn	Pn	13 13 49.7	0.0	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
NVR	Nevrokopi	3.13 322	iPn	Pn	13 13 50.3	+0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
NVR	Nevrokopi	3.13 322	iPn	Pn	13 13 45.7	-4.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
HRT	Hereke	3.15 52	ePn	Pn	13 13 50.0	-0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
HRT	Hereke	3.15 52	ePn	Pn	13 13 50.0	-0.4	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
THE	Thessaloniki	3.17 304	ePn	Pn	13 13 51.2	+0.6	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
AGG	Agios Georgios	3.18 273	ePn	Pn	13 13 50.8	-0.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
DIM	Dimitrovgrad	3.21 348	P	Pn	13 13 51.5	+0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
SHUT	Suhut-Alyon	3.26 232	ePn	Pn	13 13 52.5	+0.6	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
LIT	Litokhoron	3.26 293	P	Pn	13 13 53.0	+1.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
LIT	Litokhoron	3.26 293	P	Pn	13 13 53.0	+1.1	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
GPA	Golpazari	3.31 64	ePn	Pn	13 13 52.6	0.0	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
MMB	Muzosmiste	3.39 323	P	Pn	13 13 54.0	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
ISP	Isparta	3.39 107	ePn	Pn	13 13 54.2	+0.5	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
ISP	Isparta	3.39 107	ePn	Pn	13 13 54.4	+0.7	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
ISP	Isparta	3.39 107	iP	Pn	13 13 54.4	+0.7	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
KARP	Karpathos	3.41 170	iPn	Pn	13 13 54.8	+0.8	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
PLD	Ploudiv	3.45 338	P	Pn	13 13 54.9	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
ESKT	Eskisehir	3.50 79	ePn	Pn	13 13 54.9	-0.3	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
ELL	Elmalı	3.51 127	ePn	Pn	13 13 56.1	+0.8	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 19 25.8	+1.5
ELL	Elmalı	3.51 127	ePn	Pn	13 13 56.1	+0.8	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0	+0.3	VRSR	Storozhevoye	15.23 32	eS	Pn	13 16 35.0	-0.7
KNT	Kendrikon	3.51 311	ePn	Pn	13 13 56.1	+0.7	KIS	Kishinev	8.28 12	eS	Pn	13 15 01.0								

Table of astronomical observations for 12d 14h, listing stations like MFJ, SJPF, LDF, FLN, GRR, etc., with columns for time, position, and other parameters.

Main table of astronomical observations for 2007 JUN, listing stations like AYVA, URLA, BLCB, etc., with columns for station name, position, phase ID, time, and residual.

Table of astronomical observations for 2007 JUN, listing stations like KMO, KUMORA, NIZH ANGARSK, etc., with columns for station name, position, phase ID, time, and residual.

CSEM 12 13:20:58.4-0.3, 3891N-2622E, h5km, MD2.8, Error ellipse: s-maj=6.9km s-min=2.5km az=68.0

Table with columns: Name, ID, RA, Dec, Type, etc. Includes entries like IRK, LSTR, TLY, KURK, etc.

Table with columns: Name, ID, RA, Dec, Type, etc. Includes entries like KURK, KURS, SEY, etc.

Table with columns: Name, ID, RA, Dec, Type, etc. Includes entries like STKA, SCHO, HNR, etc.

ISCJB 12 15:11:10.6±0.2, 3755N:001±1.1890W:002, h10km, Error ellipse: s-maj=2.0km s-min=1.8km az=165.6 NEIC 12 15:11:10.4, 3755N:11887W, h8km, ML3.5(NCEDC), Viter NCEDC.

ISC 12 15:11:10.0±0.3, 3755N:001±1.1888W:001, h0km, g3km, n63, c087/99, 30C-42D, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, etc. Includes entries like MLAC, KCC, R07C, etc.

ISCJB 12 15:07:48.8±0.7, 413S:01:907W:02, h10km, mb4.0/7, bz=30.0, Error ellipse: s-maj=18.2km s-min=16.1km

IDC 12 15:07:48.9±0.9, 4130S:9061W, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.1/18, mbmp4.0/8, ML3.4/1, MS4.3/21, Ms1 4.3/21, ms1mx4.1/33, Error ellipse: s-maj=31.8km s-min=20.9km az=107.0

NEIC 12 15:07:50.6±0.7, 4131S:9069W, h10km, mb4.6/1, Error ellipse: s-maj=16.1km s-min=14.3km az=146.0

GCMT 12 15:07:50.6±0.2, 4128S:9098W, h16km, MW5.1/78, Moment Tensor Solution: s53,c77; s78,c122; Duration: 0

0 Moment tensor: Scale 10^19Nm; M1=0.76e-12; M2=0.58e-13; M3=0.18e-13; M4=0.18e-29; M5=5.50e-10; M6=1.08e-28; Best double couple: M5, 62300/1019

NP1: s=269.00000; s78.00000; A=-176.00000; NP2: s=178.00000; s86.00000; A=-12.00000; Principal axes: T=5.9440, Pigs.00000, Azm224.00000; N=0.6420, Pigs.00000, Azm339.00000; P=-5.3010, Pigs.11.00000, Azm133.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 12 15:07:50.7±0.7, 413S:01:907W:02, h10km, n33, c087/15, mb4.0/7, MS4.3/19, L, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, etc. Includes entries like PLCA, USHA, CFAA, etc.

12d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BEKR Beckworth, O07A Toulon, OHMC Homecut, etc.

IDC 12 15:16:02.5:2.0,2829N:13773E,h0km,mb3.4/2, mb1 3.6/3,mb1mx3.4/22,mbtmp3.4/3,ML3.4/1,Error ellipse: s-maj=347.8km s-min=32.8km az=93.0

ISCJB 12 15:16:30.5:0.8,310N:02.1382E:0.2,h512km,21km, mb2.0/2,Error ellipse: s-maj=35.4km s-min=18.6km az=142.7

ISC 12 15:16:31.8:0.8,310N:02.1382E:0.2,h505km,21km,n18, 0598/21,mb2.8/2,Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JWZ Kozaga, JIE Ise, JKN Mikiokhoku, etc.

DDA 12 15:18:04.3,4013N:3859E,h7km,5km,Md2.7 CSEM 12 15:18:10.9:0.2,3978N:3937E,h4km,1km,MD3.0,Error ellipse: s-maj=4.9km s-min=2.0km az=96.0

ISCJB 12 15:18:11.9:0.9,3977N:003:3935E:0.08,h4km,8km, Error ellipse: s-maj=10.4km s-min=5.0km az=4.0

ISK 12 15:18:11.3,3977N:3936E,h5km,MD3.0 ISC 12 15:18:12.7:0.8,3977N:003:3936E:0.08,h10km,7km,n14, 0579/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECC Erzincan, GUMT Gumushane, PTK Pertek, etc.

ISCJB 12 15:26:06.7:0.7,3892N:003:2641E:0.06,h5km,7km, Error ellipse: s-maj=7.4km s-min=4.1km az=168.6

CSEM 12 15:26:06.9:0.1,3894N:2651E,h4km,2km,MD2.8,Error ellipse: s-maj=4.7km s-min=2.5km az=63.0

DDA 12 15:26:06.2,3892N:2639E,h7km,4km,MD2.8 ATH 12 15:26:07.1,3891N:2638E,h4km,MD3.2/3

ISC 12 15:26:07.0:0.6,3892N:003:2640E:0.06,h10km,6km,n10, 0547/19,3C,Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Paraskevi, AYVA Ayvalik, UURLA Izmir, etc.

ISCJB 12 15:27:27.6:0.9,3952N:004:3474E:0.08,h9km,Error ellipse: s-maj=8.9km s-min=5.7km az=173.5

CSEM 12 15:27:27.6,3952N:3477E,h9km,MD2.8,After ISK ISK 12 15:27:27.6,3952N:3477E,h9km,MD2.8

ISC 12 15:27:28.3:1.0,3952N:004:3475E:0.09,h11km,14km,n6, 0589/9,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDAG Cicekdag, YOZ Yozgat, CORM Corum, etc.

2007 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

MOS 12 15:27:56.2:0.8,5334N:10852E,h16km,mb4.3/1,Error ellipse: s-maj=23.7km s-min=10.6km az=56.3

BYKL 12 15:27:56.7:0.2,5329N:10851E,h14km,4km,4C-3D, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXMB Maximikhia, KELR Kotokel, OGRR Ongureny, etc.

DDA 12 15:18:04.3,4013N:3859E,h7km,5km,Md2.7 CSEM 12 15:18:10.9:0.2,3978N:3937E,h4km,1km,MD3.0,Error ellipse: s-maj=4.9km s-min=2.0km az=96.0

ISCJB 12 15:18:11.9:0.9,3977N:003:3935E:0.08,h4km,8km, Error ellipse: s-maj=10.4km s-min=5.0km az=4.0

ISK 12 15:18:11.3,3977N:3936E,h5km,MD3.0 ISC 12 15:18:12.7:0.8,3977N:003:3936E:0.08,h10km,7km,n14, 0579/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECC Erzincan, GUMT Gumushane, PTK Pertek, etc.

ISCJB 12 15:26:06.7:0.7,3892N:003:2641E:0.06,h5km,7km, Error ellipse: s-maj=7.4km s-min=4.1km az=168.6

CSEM 12 15:26:06.9:0.1,3894N:2651E,h4km,2km,MD2.8,Error ellipse: s-maj=4.7km s-min=2.5km az=63.0

DDA 12 15:26:06.2,3892N:2639E,h7km,4km,MD2.8 ATH 12 15:26:07.1,3891N:2638E,h4km,MD3.2/3

ISC 12 15:26:07.0:0.6,3892N:003:2640E:0.06,h10km,6km,n10, 0547/19,3C,Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Paraskevi, AYVA Ayvalik, UURLA Izmir, etc.

ISCJB 12 15:27:27.6:0.9,3952N:004:3474E:0.08,h9km,Error ellipse: s-maj=8.9km s-min=5.7km az=173.5

CSEM 12 15:27:27.6,3952N:3477E,h9km,MD2.8,After ISK ISK 12 15:27:27.6,3952N:3477E,h9km,MD2.8

ISC 12 15:27:28.3:1.0,3952N:004:3475E:0.09,h11km,14km,n6, 0589/9,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDAG Cicekdag, YOZ Yozgat, CORM Corum, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSTR, IRK Irkutsk, KMO Kumura, etc.

IDC 12 15:39:53.9:1.7,1790S:17454W,h0km,mb4.0/7, mb1 4.2/8,mb1mx4.1/17,mbtmp4.0/8,ML1.7/1,MS3.7/8, Ms1 3.7/8,ms1mx3.4/30,Error ellipse: s-maj=60.5km s-min=22.2km az=148.0

ISCJB 12 15:39:57.0:0.7,180S:02.1747W:0.2,h33km,mb4.0/9, MS3.8/6,Error ellipse: s-maj=28.6km s-min=15.3km az=145.3

NEIC 12 15:39:57.0:0.6,1794S:17463W,h20km,mb4.2/2,Error ellipse: s-maj=26.5km s-min=13.1km az=146.0

ISC 12 15:39:59.0:0.7,178S:01:1746W:0.1,h35km,n23, 0513/17,mb4.0/9,MS3.8/6,Tonga Islands

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

DDA 12 15:18:04.3,4013N:3859E,h7km,5km,Md2.7 CSEM 12 15:18:10.9:0.2,3978N:3937E,h4km,1km,MD3.0,Error ellipse: s-maj=4.9km s-min=2.0km az=96.0

ISCJB 12 15:18:11.9:0.9,3977N:003:3935E:0.08,h4km,8km, Error ellipse: s-maj=10.4km s-min=5.0km az=4.0

ISK 12 15:18:11.3,3977N:3936E,h5km,MD3.0 ISC 12 15:18:12.7:0.8,3977N:003:3936E:0.08,h10km,7km,n14, 0579/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECC Erzincan, GUMT Gumushane, PTK Pertek, etc.

ISCJB 12 15:26:06.7:0.7,3892N:003:2641E:0.06,h5km,7km, Error ellipse: s-maj=7.4km s-min=4.1km az=168.6

CSEM 12 15:26:06.9:0.1,3894N:2651E,h4km,2km,MD2.8,Error ellipse: s-maj=4.7km s-min=2.5km az=63.0

DDA 12 15:26:06.2,3892N:2639E,h7km,4km,MD2.8 ATH 12 15:26:07.1,3891N:2638E,h4km,MD3.2/3

ISC 12 15:26:07.0:0.6,3892N:003:2640E:0.06,h10km,6km,n10, 0547/19,3C,Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Paraskevi, AYVA Ayvalik, UURLA Izmir, etc.

ISCJB 12 15:27:27.6:0.9,3952N:004:3474E:0.08,h9km,Error ellipse: s-maj=8.9km s-min=5.7km az=173.5

CSEM 12 15:27:27.6,3952N:3477E,h9km,MD2.8,After ISK ISK 12 15:27:27.6,3952N:3477E,h9km,MD2.8

ISC 12 15:27:28.3:1.0,3952N:004:3475E:0.09,h11km,14km,n6, 0589/9,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDAG Cicekdag, YOZ Yozgat, CORM Corum, etc.

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

NEIC 12 15:46:27.4z, 1780N, 8185W, h2km, 25km, mb4.2/2, Error ellipse: s-maj=13.9km s-min=7.4km az=205.0

JSN 12 15:46:29.6z, 1.9, 1783N, 8168W, h15km, 99km, MW4.6

ISCJB 12 15:46:31.0z, 1.9, 1812N, 009.8153W, 0.09, h34km, 22km

ISC 12 15:46:32.8z, 2.8, 1810N, 009.8155W, 0.05, h29km, 23km

ISC 12 15:46:33.9z, 2.9, 1810N, 009.8155W, 0.05, h29km, 23km

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

ISCJB 12 16:13:44.0z, 1.8, 3540N, 005.14148E, 0.08, h9km, 10km, mb3.6/2, Error ellipse: s-maj=11.4km s-min=8.2km az=175.4

IDC 12 16:13:44.1z, 2.7, 3537N, 141.44E, h0km, mb3.5/2, mb1.3/4, mb1mx3.3/3, mbtmpt3.3/4, ML2.8/2, MS2.5/1, ms1mx3.2/2, Error ellipse: s-maj=10.0km s-min=7.5km az=169.9

JMA 12 16:13:47.0z, 0.1, 3524N, 141.29E, h28km, 1km, M2.7

ISC 12 16:13:48.8z, 1.6, 3539N, 004.14144E, 0.09, h5km, 7km, n13, o577/17, mb3.6/2, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHOU, BSO1, etc.

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

IDC 12 16:20:02.7z, 4.300N, 12735E, h0km, mb3.4/3, mb1.3/6/3, mb1mx3.4/18, mbtmpt3.5/3, Error ellipse: s-maj=178.5km s-min=115.6km az=76.0, Talaud Islands

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

IDC 12 16:27:20.5z, 3.9, 120S, 1677W, h0km, mb4.0/2, mb1.4/1/2, mb1mx3.5/24, mbtmpt4.1/2, MS3.5/1, MS1.3.6/11, ms1mx3.3/32, Error ellipse: s-maj=100.2km s-min=47.7km az=108.0, North of Ascension Island

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

DJA 12 16:43:39, 044N, 12607E, h26km, ML3.6/3

IDC 12 16:43:33.1z, 1.1, 028N, 12633E, h0km, mb3.8/4, mb1.4/0/5, mb1mx3.7/18, mbtmpt3.9/5, ML3.5/1, MS2.8/1, MS1.2.8/1, ms1mx3.8/20, Error ellipse: s-maj=43.7km s-min=22.6km az=81.0, Northern Molucca Sea

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

BJJ 12 17:17:09.6z, 4.110S, 9120W, h10km, mb5.0, Ms5.2, Msz4.7

MOS 12 17:17:10.2z, 1.1, 41.11S, 91.14W, h10km, mb4.8/7, Error ellipse: s-maj=24.0km s-min=15.0km az=85.0

ISCJB 12 17:17:12.0z, 4.110S, 9117.0W, 0.1, h10km, mb4.3/23, MS4.1/24, Error ellipse: s-maj=11.0km s-min=9.6km az=166.9

IDC 12 17:17:10.1z, 0.6, 41.13S, 91.06W, h0km, mb4.0/1/2, mb1.4/2/13, mb1mx4.2/20, mbtmpt4.0/13, ML3.5/1, MS4.1/23, MS1.4/0/23, ms1mx4.0/25, Error ellipse: s-maj=21.7km s-min=16.2km az=116.0

GCMT 12 17:17:11.6z, 0.3, 4098S, 91.19W, h12km, MW4.9/69, Moment Tensor Solution, s27,c31; s69,c96; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=-2.16e-8; Mw=0.35e-08; Ms=2.51e-07; Mt=1.85e-26; Mb=0.67e-06; Mo=0.00e-23; Best double couple: M3.05000, 1016 NP1=319.00000, 851.00000, -1.35.00000, NP2=0.1970000, 856.00000, -4.49.00000. Principal axes: T 2.6690, P1g3.0000, Azm259.0000, N 0.7720, P1g33.0000, Azm351.0000, P -3.4410, P1g57.0000, Azm165.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 17:17:11.6z, 0.4, 41.11S, 91.16W, h10km, mb4.7/12, Error ellipse: s-maj=10.9km s-min=10.0km az=97.0

ISC 12 17:17:12.1z, 0.4, 4109S, 007.911W, 0.1, h10km, (h12km, 1 km, pp-P), n89, 08/96/50, mb4.3/23, MS4.1/24, GC-1K, Southeast of Easter Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA, GSPA, WNA1, etc.

Table with columns: GYA, Guiyang, 175.53 127, ePKP, PKPdf, 18 47 24.2 -2.0, 18 47 54.9, 18 48 06.3, 18 49 04.4 +0.3, 18 50 55.8, 18 52 57.3 +0.6

ISCJB 12 18:55:37.9, 1.3, 4843N-010.1548E, 02, h59km, 11km, mb3.6/12, Error ellipse: s-maj=21.5km s-min=8.8km

NEIC 12 18:55:39.1, 1.6, 4834N-15488E, h61km, 14km, mb4.2/2, Error ellipse: s-maj=21.2km s-min=11.7km az=137.0

MOS 12 18:55:39.4, 1.6, 4839N-15468E, h75km, mb4.1/5, Error ellipse: s-maj=18.2km s-min=11.7km az=75.7

IDC 12 18:55:40.3, 0.3, 4831N-15474E, h67km, 27km, mb3.3/9, mb1 3.5/12, mb1mx3.4/24, mbtmp3.3/12, ML3.6/3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/21, Error ellipse: s-maj=26.7km s-min=17.2km az=126.0

ISC 12 18:55:39.5, 1.2, 4843N-010.1548E, 02, h59km, 10km, n28, r16/29, mb3.6/12, 2C-2D, Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, 2.41, 20, ePN, Pn, 18 56 15.0 -1.5, 18 56 44.5 -0.3

Table with columns: SKR, comp=Z, 70nm, 0.5s, smax, 18 57 57.9 +1.2, 18 57 54.1 +0.7

Table with columns: SKR, comp=E, 80nm, 0.5s, smax, 18 57 54.1 +0.7, 18 57 54.1 +0.7

Table with columns: SKR, comp=Z, 80nm, 0.5s, smax, 18 57 54.1 +0.7, 18 57 54.1 +0.7

Table with columns: PETK, Petropavlovsk-, 5.03, 20, P, Pn, 18 56 53.4 +1.1, 18 57 00.9 +6.2

Table with columns: PET, Petropavlovsk, 5.21, 26, ePN, Pn, 18 56 54.3 +0.4, 18 57 37.9 +1.2

Table with columns: YSS, Yuzh-Sakhalins, 8.28, 24, PN, Pn, 18 57 37.9 +1.2, 18 57 54.1 +0.7

Table with columns: ASAJ, Asahikawa, 9.50, 24, PN, Pn, 18 57 54.1 +0.7, 18 57 54.1 +0.7

Table with columns: ASAJ, Asahikawa, 9.50, 24, PN, Pn, 18 57 54.1 +0.7, 18 57 54.1 +0.7

Table with columns: ERM, Erimo, 10.43, 23, ePN, Pn, 18 58 01.8 -4.3, 18 59 32.6 -0.8

Table with columns: MJAR, Matsushiro Arr, 17.02, 23, P, Pn, 18 59 32.6 -0.8, 18 59 32.6 -0.8

Table with columns: MJAR, Matsushiro Arr, 17.02, 23, P, Pn, 18 59 32.6 -0.8, 18 59 32.6 -0.8

Table with columns: YAK, Yakutsk, 19.60, 23, eP, Pn, 19 00 01.2 -3.1, 19 00 01.2 -3.1

Table with columns: YAK, Yakutsk, 19.60, 23, eP, Pn, 19 00 01.2 -3.1, 19 00 01.2 -3.1

Table with columns: KSRS, Korea Array, 22.42, 25, P, P, 19 00 32.4 -0.7, 19 01 10.3 +2.1

Table with columns: KSRS, Korea Array, 22.42, 25, P, P, 19 00 32.4 -0.7, 19 01 10.3 +2.1

Table with columns: TIXI, Tiksi, 26.21, 24, eP, P, 19 01 10.3 +2.1, 19 01 10.3 +2.1

Table with columns: TIXI, Tiksi, 26.21, 24, eP, P, 19 01 10.3 +2.1, 19 01 10.3 +2.1

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: ZALV, Zalesovo Beam, 42.53, 30, P, P, 19 03 28.6 -0.7, 19 03 28.6 -0.7

Table with columns: BUTP, Butuan, 0.25 156, eP, Pg, 19 26 59.8 +1.0, 19 27 05.0 +3.0

Table with columns: BUTP, Butuan, 0.25 156, eP, Pg, 19 27 05.0 +3.0, 19 27 05.0 +3.0

Table with columns: SCPH, Surigao, 0.58 357, eS, Sg, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: SCPH, Surigao, 0.58 357, eS, Sg, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: CGP, Cagayan de Oro, 1.10 228f, eP, Sg, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: CGP, Cagayan de Oro, 1.10 228f, eP, Sg, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: MSLP, Maasin, 1.14 325, eP, Pn, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: MSLP, Maasin, 1.14 325, eP, Pn, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: BIPH, Bislig, 1.30 140, eP, Pn, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: BIPH, Bislig, 1.30 140, eP, Pn, 19 27 15.5 +0.4, 19 27 15.5 +0.4

Table with columns: BUKP, Musuan, 1.38 199, eP, Sg, 19 27 20.6 +0.5, 19 27 20.6 +0.5

Table with columns: BUKP, Musuan, 1.38 199, eP, Sg, 19 27 20.6 +0.5, 19 27 20.6 +0.5

Table with columns: TBP, Tagbilaran, 1.71 287, eP, Pn, 19 27 24.7 +0.1, 19 27 24.7 +0.1

Table with columns: TBP, Tagbilaran, 1.71 287, eP, Pn, 19 27 24.7 +0.1, 19 27 24.7 +0.1

Table with columns: PLP, Palao, 2.03 345f, eP, Sg, 19 28 00.1 +5.3, 19 28 00.1 +5.3

Table with columns: PLP, Palao, 2.03 345f, eP, Sg, 19 28 00.1 +5.3, 19 28 00.1 +5.3

Table with columns: OCLP, Ormoc, 2.05 334, eP, Pn, 19 27 29.8 +0.5, 19 27 29.8 +0.5

Table with columns: OCLP, Ormoc, 2.05 334, eP, Pn, 19 27 29.8 +0.5, 19 27 29.8 +0.5

Table with columns: MATT, Mati, 2.35 162, eP, Pn, 19 27 34.3 +0.9, 19 27 34.3 +0.9

Table with columns: MATT, Mati, 2.35 162, eP, Pn, 19 27 34.3 +0.9, 19 27 34.3 +0.9

Table with columns: PAGZ, Pagadian, 2.50 338, eP, Pn, 19 27 37.1 +1.6, 19 27 37.1 +1.6

Table with columns: PAGZ, Pagadian, 2.50 338, eP, Pn, 19 27 37.1 +1.6, 19 27 37.1 +1.6

Table with columns: PLP, Palao, 2.22 286, eP, Sg, 19 27 45.7 +0.4, 19 27 45.7 +0.4

Table with columns: PLP, Palao, 2.22 286, eP, Sg, 19 27 45.7 +0.4, 19 27 45.7 +0.4

Table with columns: CNIP, Catmanan, 4.00 346, eP, Pn, 19 27 50.7 +2.8, 19 27 50.7 +2.8

Table with columns: CNIP, Catmanan, 4.00 346, eP, Pn, 19 27 50.7 +2.8, 19 27 50.7 +2.8

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: PVCP, Virac, 4.57 343, eP, Pn, 19 28 09.9 +5.9, 19 28 09.9 +5.9

Table with columns: MKAR, comp=Z, 1.0nm, 0.4s, MLR, MLR, 19 57 59.2 +0.1, 19 58 16.7 -1.0

Table with columns: MKAR, comp=Z, 1.9nm, 20.2s, MLR, MLR, 19 58 23.2 -2.4, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

Table with columns: GYA, Guiyang, 62.07 278, P, P, 19 58 41.0 +2.1, 19 58 41.0 +2.1

comp=Z,0.6nm,0.7s,baz=167,slow=4.3,SNR=4.7
GERES GERES Array B 157.54 252 PKPab PKPab 21 24 09.1 +2.3
DAVOX Davos/Dischmat 157.72 243 PKPab PKPab 21 24 10.1 +2.4

BRG Berggiesshobel 158.83 256 eP PKPab 21 24 16.5 +4.1
BRG 21 48 07.0
BRG 21 54 36.0

ISCJB 12:21:09.1,2,0,2102N:009.1454E-03,h51km,15km,
mb4.1/14, Error ellipse: s-maj=52.5km s-min=9.3km
az=167.7
IDC 12:21:10:29.5,5.4,2094N:14544E,h42km,39km,mb3.6/7,
m1 3.8/9,m1mx3.6/23,mbtmp3.7/9,ML3.8/2,MS2.9/2,
Ms1 2.9/2,ms1mx2.5/38, Error ellipse: s-maj=93.3km
s-min=19.6km az=82.0

NEIC 12:21:10:31.8,2.3,2103N:14537E,h58km,20km,mb4.4/7,
Error ellipse: s-maj=57.5km s-min=11.3km az=80.0
ISC 12:21:10:30.6,1.8,2107N:009.1457E,i03,h58km,13km,n20,
r1518/20,mb4.1/14, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBIJ Chichi jima, GUMU Guam, MAJAO Matsushiro, etc.

IDC 12:21:11:09.9,4.3,2336S:17556W,h0km,mb4.1/5,
mb1 4.3/5,mb1mx4.0/17,mbtmp4.1/5, Error ellipse:
s-maj=131.6km s-min=41.9km az=137.0, Tonga Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

NEIC 12:21:14:46.0,3467N:2280E,h10km,ML3.1(ATH), After
ATH.
ISCJB 12:21:14:48.8,1.0,3486N:006.232E-01,h80km,25km,
Error ellipse: s-maj=17.3km s-min=8.2km az=156.7
HLW 12:21:14:48.5,3503N:2319E,h33km,MB3.0
CSEM 12:21:14:58.9,0.3,3549N:2393E,h80km,ML3.0, Error
ellipse: s-maj=15.6km s-min=4.9km az=32.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VAM Vamos, KYTH Kithira, etc.

NEIC 12:21:18:36.7,4040N:2592E,h26km,MD2.9(ISK),
MD3.4(ATH),ML2.9(ISK), After ATH.
ATH 12:21:18:36.7,4040N:2592E,h26km,2km,MD3.4/4
ISCJB 12:21:18:37.1,0.6,4040N:003.2589E-006,h12km,5km,
Error ellipse: s-maj=7.3km s-min=4.8km az=173.3
CSEM 12:21:18:37.1,0.1,4040N:2594E,h12km,MD2.8, Error
ellipse: s-maj=2.0km s-min=1.4km az=106.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GADA Gvkgeada, ENEZ Enez, etc.

2007 JUN
IDC 12:21:24:25.2,1.0,143N:12658E,h0km,mb4.0/5,mb1 4.2/6,
mb1mx3.9/17,mbtmp4.0/6,ML3.5/1, Error ellipse:
s-maj=45.2km s-min=20.2km az=82.0
ISCJB 12:21:24:29.1,4.8,14N:01.1265E-02,h46km,44km,
mb4.2/10, Error ellipse: s-maj=36.5km s-min=12.7km
az=147.0
DJA 12:21:24:29.132N:12629E,h89km,ML4.6/1
NEIC 12:21:24:30.9,2.4,142N:12653E,h46km,22km,mb4.3/6,
Error ellipse: s-maj=21.2km s-min=7.8km az=55.0
ISC 12:21:24:30.9,3.6,14N:01.1265E-02,h45km,34km,n19,
r0574/13,mb4.2/10, Northern Molucca Sea

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

DJA 12:22:24:55.986N:12785E,h10km,mb4.9/9
IDC 12:22:24:56.5,0.7,907N:12660E,h0km,mb4.2/14,
mb1 4.3/14,mb1mx4.2/22,mbtmp4.2/14,MS3.7/4,
Ms1 3.7/4,ms1mx3.3/28, Error ellipse: s-maj=33.1km
s-min=13.9km az=72.0
BJJ 12:22:24:58.5,852N:12703E,h65km,mb4.8,mb4.8,Ms4.3,
Ms2.1

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

MAN 12:22:24:59.915N:12695E,h15km,mb4.5,ML3.4,MS3.3
MOS 12:22:24:59.6,1.2,907N:12666E,h33km,mb4.8/11, Error
ellipse: s-maj=18.3km s-min=8.5km az=105.6
ISCJB 12:22:25:00.6,0.8,909N:003.12698E-005,h43km,7km,
mb4.4/35,MS3.8/6, Error ellipse: s-maj=9.0km
s-min=4.7km az=165.8
NEIC 12:22:25:00.1,1.3,910N:12681E,h66km,12km,mb4.6/17,
Error ellipse: s-maj=13.3km s-min=5.5km az=82.0
ISC 12:22:25:03.0,0.8,908N:003.12698E-006,h47km,7km,
r17P-P,n10,r15/104,mb4.4/35,MS3.8/6,
1C-4D, Mindanao

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

QIZ Qiongzong 19.25 303 P Pn 22 29 17.2 -7.8
BATI Bautama 19.42 190 P Pn 22 29 28.2 +1.2
KAKA Kakadu 22.34 166 eP P 22 29 54.8 -2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBIJ Chichi jima, NJ2 Nanjing, etc.

ISCJB 12:22:27:29.0,8.0,905N:003.12678E-006,h60km,6km,
mb4.5/45,MS4.1/4, Error ellipse: s-maj=10.9km
az=167.2
NEIC 12:22:27:32.5,1.4,899N:12655E,h81km,12km,mb4.7/23,
Error ellipse: s-maj=11.0km s-min=5.4km az=72.0
ISC 12:22:27:29.2,0.6,904N:003.12677E-007,h53km,7km,
n11,r03/113,mb4.5/45,MS4.1/4,1C-3C-2D, Mindanao

WRAB Tennant Creek 29.75 166 eP P 22 31 05.4 +0.3
WRAB 29.75 166 eP Pmax 22 31 05.4 +0.3
WRA Warramunga Arr 29.76 166 P P 22 31 04.3 -0.4
WB2 Warramunga Arr 29.76 166 eP P 22 31 04.6 -0.6
CD2 Chengdu 30.60 318 eP P 22 31 13.7 +1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CD2 Chengdu, MBWA Marble Bar, etc.

ULN Ulanbaatar 42.14 340 eP Pmax 22 32 50.9 +0.2
ULN 42.14 340 eP Pmax 22 32 50.9 +0.2
ULN 42.14 340 eP Pmax 22 32 50.9 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TLY Talaya, PMQ Petrovsk, etc.

BRVK Borovoye 63.06 326 eP Pmax 22 35 24.8 -0.5
BRVK 63.06 326 eP Pmax 22 35 24.8 -0.5
BRVK 63.06 326 eP Pmax 22 35 24.8 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BILL Bilibino, ARU Arti, etc.

COLA Colles 79.83 26 P P 22 37 05.3 -0.9
INK Inuvik 79.16 22 eP P 22 37 33.6 -0.3
ARCES ARCES Array B 85.52 340 P P 22 37 35.2 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCES Array B, FINES FINESS Array B, etc.

IDC 12:22:27:22.0,0.6,909N:12659E,h0km,mb4.3/17,
mb1 4.4/17,mb1mx4.3/24,mbtmp4.3/18,ML4.8/1,MS3.8/2,
Ms1 3.8/2,ms1mx3.3/28, Error ellipse: s-maj=27.7km
s-min=13.0km az=83.0
MOS 12:22:27:25.2,1.0,897N:12650E,h33km,mb4.8/12, Error
ellipse: s-maj=18.3km s-min=8.3km az=112.7
BJJ 12:22:27:26.9,894N:12651E,h52km,mb4.8,Ms4.5,
Ms2.3
ISCJB 12:22:27:29.0,8.0,905N:003.12678E-006,h60km,6km,
mb4.5/45,MS4.1/4, Error ellipse: s-maj=10.9km
az=167.2
NEIC 12:22:27:32.5,1.4,899N:12655E,h81km,12km,mb4.7/23,
Error ellipse: s-maj=11.0km s-min=5.4km az=72.0
ISC 12:22:27:29.2,0.6,904N:003.12677E-007,h53km,7km,
n11,r03/113,mb4.5/45,MS4.1/4,1C-3C-2D, Mindanao

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, SCPH Surigao, MUSUAN Musuan, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like UCH Uchter, EKS2 Erkin-Say, EKS3 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAR Raratonga, PPT Papeete, etc.

ATH 12 23:33:44.8, 3890N:2635E, h22km,4km, MD3.5/6
NEIC 12 23:33:45.0, 3894N:2640E, h6km, MD3.4(1SK),
MD3.5(ATH), After ISK.
ISK 12 23:33:45.3, 3895N:2642E, h6km, MD3.4
DDA 12 23:33:46.0, 3890N:2637E, h7km,4km, Md3.0
ISCJB 12 23:33:46.0, 3894N:2640E, h20km,4km,
Error ellipse: s-maj=4.0km s-min=2.9km az=165.1
THE 12 23:33:46.2, 3892N:2638E, h14km, ML3.3
CSEM 12 23:33:46.1, 3892N:2642E, h15km, ML3.3, Error
ellipse: s-maj=1.8km s-min=1.4km az=97.0
ISC 12 23:33:46.2, 3893N:2634E:003,h12km,3km,n53,
#097177,8C-2D, Aegean Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like PRK, AYVA, CHOS, UURLA, etc.

ISCJB 12 23:40:30.2, 0.5, 1718N:10079W:003, h49km,5km,
mb3.9/13, MS3.5/2, Error ellipse: s-maj=6.9km
s-min=4.2km az=18.2
NEIC 12 23:40:32.5, 1726N:10080W, h38km, MD4.6(MEX), After
MEX.

MEX 12 23:40:32.9, 0.6, 1728N:10080W, h15km,5km, MD4.5
ISC 12 23:40:32.7, 6.4, 1708N:10069W, h64km,56km, mb3.4/6,
mb1.3/7.7, mb1mx3.5/2.4, mbtmp3.4/7, ML3.0/1, MS3.3/4,
Ms1.3/3.4, Ms1mx2.9/2.8, Error ellipse: s-maj=50.6km
s-min=20.9km az=50.0
ISC 12 23:40:31.2, 0.6, 1718N:10079W:003, h40km,6km,
n65, #115/82, mb3.9/13, MS3.5/2, Guerrero

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like CAIG, ZIIG, ACX, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like HUIG, ANIG, CMIG, etc.

ISCJB 12 23:42:55.9, 0.8, 3838N:2053E:007, h13km,7km,
Error ellipse: s-maj=8.8km s-min=5.4km az=164.7
CSEM 12 23:42:55.2, 0.2, 3837N:2040E, h12km, ML2.6, Error
ellipse: s-maj=9.3km s-min=2.0km az=71.0
THE 12 23:42:55.9, 3837N:2046E, h3km, ML2.6
NEIC 12 23:42:56.0, 3839N:2054E, h5km, MD3.4(ATH), After
ATH.

ATH 12 23:42:56.0, 3839N:2054E, h5km,5km, MD3.4/4
ISC 12 23:42:55.7, 1.0, 3836N:2047E:007, h17km,7km, n10,
#096/16, 3C-1D, Greece

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like VLS, VLS, KFL, etc.

ISC 12 23:43:23.9, 0.8, 018S:12511E, h0km, mb3.9/8,
mb1.4/1.0, mb1mx4.0/2.0, mbtmp4.0/10, ML3.9/2, Error
ellipse: s-maj=32.2km s-min=16.6km az=79.0
ISCJB 12 23:43:31.6, 0.9, 020S:005:12510E:007, h78km,9km,
mb4.0/13, Error ellipse: s-maj=12.2km s-min=7.9km
az=153.3
NEIC 12 23:43:31.6, 1.5, 022S:12510E, h63km,14km, mb4.3/6,
Error ellipse: s-maj=16.7km s-min=7.3km az=60.0
ISC 12 23:43:32.7, 0.8, 020S:005:12512E:007, h71km,9km, n31,
#096/16, mb4.0/13, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like MNI, LBMI, PCI, etc.

OPO Amboldratropo 78.50 251 P P 23 55 27.3 +0.5
VNDV Vandi 79.77 172 P P 23 55 33.1 +0.5
TORO Torad Arr. Beia 12.50 285 PKP PKPdf 00 02 20.9 -1.0

IDC 12 23:43:52.3, 1.2, 506S:10300E, h0km, mb4.3/13,
mb1.4/4/13, mb1mx4.2/2.2, mbtmp4.3/13, Error ellipse:
s-maj=46.0km s-min=14.7km az=52.0
ISCJB 12 23:44:07.9, 1.3, 476S:006:10350E:006, h138km,12km,
mb4.3/25, Error ellipse: s-maj=11.2km s-min=8.1km
az=142.2
NEIC 12 23:44:09.1, 0.9, 473S:10352E, h132km,9km, mb4.6/14,
Error ellipse: s-maj=7.3km s-min=5.2km az=52.0
DJA 12 23:44:09, 481S:10345E, h33km, ML4.9/8
BUJ 12 23:44:09.0, 470S:10350E, h132km, mb4.7, mb4.6
ISC 12 23:44:08.9, 1.2, 476S:006:10350E:006, h129km,11km,
n55, #089/50, mb4.3/25, Southern Sumatara

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like KSM, COCO, KULM, etc.

KRSC 12 23:56:17.5, 1.1, 5450N:15975E, h183km,53km, ML3.5,
Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Lists stations like KII, MKZ, GNL, etc.

13d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like TCW, PLWZ, NUWZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like WRA, NWA0, QSPA, etc.

ISCJB 13 02:35:51.0-0.9, 3890N-003-2634E-006, h2km, 7km, Error ellipse: s-maj=8.2km s-min=4.4km az=165.6

CSEM 13 02:35:51.6, 0.2, 3887N-2642E, h8km, MD3.7, Error ellipse: s-maj=6.6km s-min=3.4km az=68.0

DDA 13 02:35:51.6, 3894N-2638E, h7km, 6km, MD3.7

ATH 13 02:35:51.6, 3885N-2633E, h9km, MD3.3/3

ISC 13 02:35:51.7-0.7, 3889N-003-2633E-007, h9km, 6km, n9, e068/17, 1D, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PRK, AYVA, UURL, etc.

ISCJB 13 03:06:34.3-0.5, 3270N-002-11828W-003, h10km, Error ellipse: s-maj=4.0km s-min=2.3km az=40.2

NEIC 13 03:06:36.0, 3274N-11820W, h6km, ML3.4(PAS), After PAS.

ECX 13 03:06:36.2-0.7, 3271N-11825W, h8km, MD3.5, ML3.4

ISC 13 03:06:35.6, 0.6, 3273N-002-11823W-002, h7km, 3km, n44, e107/77, 24C-28D, Off coast of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like SCI, CIS, 109C, FMP, etc.

2007 JUN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like BSC, PFO, PFO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like EDWJ, BELC, RRX, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like TPNV, TPNV, HAST, etc.

ISCJB 13 03:16:51.6-2.0, 1951S-008-698W-02, h91km, 16km, mb3.3/2, Error ellipse: s-maj=35.3km s-min=13.3km

IDC 13 03:16:52.0-2.7, 1952S-698W, h84km, 23km, mb3.4/2, mb1 3.7/6, mb1mx3.4/20, mbtmp3.6/6, MS4.0/1, Ms1 4.0/1, ms1mx2.6/15, Error ellipse: s-maj=42.2km s-min=17.1km az=93.0

ISC 13 03:16:52.6-2.0, 1952S-008-699W-02, h88km, 18km, n7, e133/7, mb3.3/2, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like LVC, LVC, LAZ, etc.

CPUP Villa Florida 13.38 123 P 0.2nm, 0.3s, baz=287, slow=12, SNR=14

USHA Ushuaia 35.27 179 LR 0.2nm, 0.3s, baz=223, mb, 18.3s, baz=22, slow=40

TORD Torodi Ar. Bea 75.75 71 P 1.1nm, 0.7s, baz=209, slow=19, SNR=65

YKA Yellowknife Ar. 89.03 341 P 0.1nm, 0.7s, mb3.0, baz=131, slow=4.9, SNR=3.1

IDC 13 03:50:00.8-1.6, 2949S-16414E, h0km, mb3.9/4, mb1 4.1/6, mb1mx4.0/14, mbtmp4.0/6, ML3.4/2, MS3.2/2, MS1 3.2/2, ms1mx2.8/18, Error ellipse: s-maj=45.8km s-min=23.3km az=50.0, East of Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like RPZ, STKA, HNR, etc.

IDC 13 03:54:34.0-1.0, 2200S-6700W, h152km, 17km, mb3.6/1, mb1 2.9/4, mb1mx2.8/17, mbtmp2.8/4, Error ellipse: s-maj=23.0km s-min=13.2km az=122.0, Southern Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like LVC, LVC, LPAZ, etc.

368

0.7nm, 0.4s, baz=255, slow=5.6, SNR=41

NNC 13 04:42:55.1-9.6, 3692N-7056E, h0km, mb3.8, mpv3.7, 1C-3D, Error ellipse: s-maj=91.3km s-min=74.9km az=49.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like KK31, TKM2, AB31, etc.

MAN 13 05:28:15.1445N-11957E, h2km, mb3.9, ML2.6, MS2.2, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like NBP, LUBP, BALP, etc.

WEL 13 05:54:59.7-0.3, 4009S-17712E, h27km, 1km, ML3.5/24, Error ellipse: s-maj=3.3km s-min=1.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PXZ, KAHZ, WPHZ, etc.

ISCJB 13 06:04:25.9-1.1, 3929N-004-2603E-006, h1km, 10km, Error ellipse: s-maj=8.8km s-min=6.1km az=148.4

CSEM 13 06:04:26.5-0.1, 3926N-2607E, h12km, MD2.7, Error ellipse: s-maj=3.0km s-min=1.9km az=31.0

DDA 13 06:04:26.6, 3932N-2610E, h7km, 2km, Md2.7

ATH 13 06:04:26.6, 3932N-2608E, h5km, MD2.9/3

ISC 13 06:04:26.6-0.9, 3930N-004-2605E-007, h8km, 8km, n7, e033/12, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PRK, AYVA, BOZC, etc.

NEIC 13 06:09:07.9, 1615N-9707W, h20km, MD4.1(MEX), After MEX.

MEX 13 06:09:07.2-1.0, 1612N-9711W, h15km, 13km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like VHO, HUIG, OAXA, etc.

PRU 13 06:10:10.9, 4300N-1495E, h0km

NEIC 13 06:10:15.9, 4319N-1263E, h4km, ML2.7(ROM), After ROM.

CSEM 13 06:10:15.6-0.1, 4319N-1262E, h12km, ML3.9/3, Error ellipse: s-maj=1.2km s-min=0.9km az=62.0

ROM 13 06:10:15.9-0.1, 4319N-1263E, h4km, 1km, Md2.8/14, ML2.7/22, Error ellipse: s-maj=1.5km s-min=1.1km az=52.0

ISCJB 13 06:10:16.3-0.3, 4317N-002-1260E-003, h10km, 3km, Error ellipse: s-maj=3.3km s-min=2.6km az=147.4

ISC 13 06:10:16.9-0.3, 4317N-002-1260E-003, h6km, 3km, n45, e096/63, 9C-6D, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ASS Assisi, MURB Monte Urbino, SNTG Esanatoglia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BUTP Butuan, SCPH Surigao, CGP Cagayan de Oro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TOKM2 Tokmak 2, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like UCH Uchtor, EK2S Erkin-Say, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ZALV Zalesovo Beam, KURK Kurchatov, KURB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MKAR Makanchi Array, ZALV Zalesovo Beam, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like NIZ Nizh Angarsk, KMO Kumora, YLYR Ulyunshan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like YOA Yoya, Uoyan, SYVR Suvo, etc.

Table with columns: ORL, ORL, ORL, ORL, ORL, ORL, TDJR. Rows include station names like Oriik, Warramunga Arr, ASAR, STKA, MKAR and their respective coordinates and times.

IDC 13 08:24:55.8.1.9, 287N-12771E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/18, mbtmp3.5/4, Error ellipse: s-maj=13.3km s-min=24.1km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include WRA, ASAR, STKA, MKAR.

IDC 13 08:27:25.7.3.8, 2111S-16819E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/13, mbtmp3.9/3, MS3.3/6, Ms1 3.3/6, mb1mx3.1/21, Error ellipse: s-maj=126.3km s-min=47.6km az=141.0, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include HNR, AFI, STKA, WRA, ASAR, FITZ, KSRs, PETK, GERES.

NEIC 13 08:51:31.0, 6046N-15047W, h39km, ML3.2(AEIC), ML3.5(PMR), After AEIC, Kenai Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SLKM, SEW, STKA, RAB, PMR, GHO, SKT, SML, AUL, DIV, DVK, SWAK, BMRM, KTH, MCK, TTI, MENT, COLA, BCR3, PNL, IM3, IMA2, EGAK, DAW, BM3.

IDC 13 09:13:37.3.3.4, 3052S-17696W, h0km, mb4.1/4, mb1 4.2/4, mb1mx3.9/1, mbtmp4.1/4, Error ellipse: s-maj=67.4km s-min=36.3km az=109.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include RAO, STKA, ASAR, WRA, PETK.

CSEM 13 09:41:10.3.0.1, 3788N-3738E, h6km, 1km, MD3.3, Error ellipse: s-maj=3.4km s-min=1.6km az=141.0

DDA 13 09:41:10.7, 3789N-3740E, h5km, 3km, MD3.5, ISK 13 09:41:10.7, 3783N-3743E, h7km, MD3.3

ISCJB 13 09:41:11.2.0.6, 3784N-3742E, h0km, 0.03, h5km, 4km, Error ellipse: s-maj=4.3km s-min=3.8km az=143.6

NSSC 13 09:41:15.5, 3775N-3746E, h2km, 3km, MD3.5, ISK 13 09:41:15.5, 3778N-3746E, h2km, 3km, n28, -087/48, AD, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GZT, KMRS, AKCAD, STKA, ASAR, WRA, PETK, CSEM, DDA, ISK, NSSC, ISK, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: SLNF, SLNF, SLNF, KBSD, KBSD, EZC, MARD, MAD, CDAG. Rows include station names and coordinates.

ISCJB 13 09:44:31.3.0.6, 4305N-004:7493E, h0km, Error ellipse: s-maj=5.2km s-min=4.0km az=13.2

NINC 13 09:44:32.0.0.7, 4317N-7503E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=14.2km s-min=3.5km az=23.0

KNET 13 09:44:31.0.0.4, 4303N-7492E, h7km, 6km, ml1.9, Error ellipse: s-maj=2.4km s-min=1.4km az=176.0

ISC 13 09:44:31.7.0.6, 4304N-004:7492E, h0km, n12, -087/21, 16C-5D, Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CHMS, USP, KBK, AAK, TKM2, UCH, EKS2, KZA, ULHL, KK31, MK31.

NEIC 13 09:46:45.9, 3218S-7173W, h24km, ML2.9(GUC), After GUC, GUC 13 09:46:45.9.0.7, 3218S-7173W, h24km, 3km, MD3.6, ML2.9, 7C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ROCH, JACH, LCOH, PEL, TACH, ANTU, FCH, PCH, LNV, CHCH, LMEL, LMEL, CACH, CICH.

DJA 13 10:09:23.137N-9720E, h15km, ML4.1/3, IDC 13 10:09:17.4.1.9, 100N-9729E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/22, mbtmp3.7/6, ML2.8/1, MS3.2/1, ms1mx2.6/35, Error ellipse: s-maj=49.3km s-min=24.1km az=61.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PSI, WRA, ASAR, KSRs, MKAR, ZALV.

ISCJB 13 10:20:32.6.2.0, 4865N-007:873E, h0km, 10km, Error ellipse: s-maj=18.5km s-min=9.2km az=154.9

NINC 13 10:20:42.8.3.4, 4857N-8656E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=26.2km s-min=16.2km az=92.0

BUI 13 10:20:52.4, 4766N-8670E, h14km, ML3.1, IDC 13 10:20:37.4.1.9, 4862N-006:872E, h1km, n11, n8, -194/218, 13C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MK31, MK31, MK31, WMQ, WMQ, WMQ.

Table with columns: WMQ, KURK, KURK, KURK, KURB, KURB, KURB, VOSK, VOSK, BVA0, BVA0, ZRKN, ZRKN, KK31, KK31. Rows include station names and coordinates.

IDC 13 10:53:40.4.10.0, 1940S-17721E, h0km, mb4.0/2, mb1 4.2/2, mb1mx3.8/13, mbtmp4.0/2, Error ellipse: s-maj=310.2km s-min=34.6km az=133.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include WRA, ASAR, PETK, GRL, GRL, RUS, PET, PET, MIPR, AVH, NLC, GNL, GNL, SPN, MKZ, MKZ, KMNR, KBTR.

KRSC 13 11:04:56.9.1.1, 5257N-15789E, h142km, 28km, ML3.5, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GRL, RUS, PET, MIPR, AVH, NLC, GNL, SPN, MKZ, KMNR, KBTR.

ISCJB 13 11:09:07.8.2.1, 238S-01:1799W, h1.456km, 27km, mb4.2/18, Error ellipse: s-maj=19.3km s-min=13.9km az=38.7

NEIC 13 11:09:06.1.1, 2380S-17980W, h470km, 15km, mb4.6/8, Error ellipse: s-maj=13.9km s-min=10.0km az=134.0

IDC 13 11:09:10.3.2.8, 2387S-17977W, h473km, 31km, mb3.6/13, mb1 3.7/15, mb1mx3.6/21, mbtmp3.6/15, Error ellipse: s-maj=17.6km s-min=15.2km az=76.0

ISC 13 11:09:09.2.1.6, 2385S-01:1799W, h1.457km, 21km, n30, -056/27, mb4.2/18, 3D, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include AFI, URZ, RPZ, CTA, TOO, STKA, STKA, ASAR, WB2, WB2, WRA, KAKA, FORT, FITZ, FITZ, KLRB.

NWAO Nanoro (SRO) 55.29 245 P, 12th, 1.1s, mb4.2, baz=150, slow=1.1, SNR=3.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MJAR, MJAR, MAW, KSRs, PETK, XCAR, ARCS, AKASO, CLL.

HLW 13 11:39:53.6, 2933N-3702E, h20km, Mb3.1, CSEM 13 11:39:54.0.8, 2938N-3661E, h2km, ML3.1, Error ellipse: s-maj=18.2km s-min=13.7km az=112.0

SGS 13 11:39:56.2, 3002N-3631E, h4km, ISCJB 13 11:39:58.0.0.8, 2986N-003:3619E, h0km, Error ellipse: s-maj=5.9km s-min=4.3km az=1.9

GII 13 11:39:58.0.1.1, 2990N-3614E, h0km, ML2.4/10, EXPLOSION, ISC 13 11:39:56.3.0.8, 2985N-003:3630E, h0km, n22, -087/33, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include HRFI, HRFI, EIL, EIL, ZFRI, ZFRI, MBH.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 13 11:45:43.5-3.2, 483S-15283E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/16, mbmtmp3.6/4, Error ellipse: s-maj=104.9km s-min=27.2km az=112.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 13 12:26:01.5-3.0, 3434S-17892W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.7/16, mbmtmp3.6/3, ML3.8/1, MS2.9/1, Ms1 2.9/1, ms1mx2.6/18, Error ellipse: s-maj=70.8km s-min=35.6km az=123.0

ISC 13 12:26:04.0-2.8, 350S-07-1779W-07, h78km, mb2km, n9, o566/11, mb3.6/2, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PUZ Puketiti, MWZ Matawai, URZ Urewera, etc.

DDA 13 14:00:55.9, 4008N-2883E, h7km, 2km, Md3.0 CSEM 13 14:00:56.0, 1.3993N-2883E, h8km, MD2.7, Error ellipse: s-maj=5.3km s-min=2.0km az=140.7

ISC 13 14:00:57.0-0.7, 3992N-05-2888E-005, h6km, gkm, ISCJB 13 14:00:57.0-0.7, 3992N-05-2888E-005, h6km, gkm, Error ellipse: s-maj=9.3km s-min=4.7km az=141.7

ISC 13 14:00:57.4-0.6, 3991N-005-2887E-006, h10km, 7km, n9, o575/17, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DST Dunsunbey, IZI Iznik, BTOK Tokmak, etc.

NIED 13 14:11:00, 4800N-15420E, h5km, Mw4.6 Best double couple: Ms1 0.20000-0.016, NPI1 0.263 0.0000, 1.121 0.0000, NIP2 0.39 0.0000, 348.00000, 1.57 0.0000

SKHL 13 14:11:53.3-0.7, 4790N-15409E, h33km, mb5.0/3, msh6.0/1

ISCJB 13 14:11:55.7-0.8, 4790N-007-1538E-01, h66km, gkm, mb3.9/15, Error ellipse: s-maj=15.8km s-min=5.8km az=135.7

MOS 13 14:11:56.2-1.1, 4794N-15386E, h71km, mb4.2/7, Error ellipse: s-maj=16.4km s-min=9.3km az=52.4

IDC 13 14:11:59.0-2.8, 4798N-15363E, h80km, 25km, mb3.6/12, mb3 3.8/15, mb1mx3.7/27, mbmtmp3.6/15, MS3.3/1, Ms1 3.3/1, ms1mx3.1/34, Error ellipse: s-maj=20.8km s-min=13.5km az=143.0

NEIC 13 14:12:01.2-1.7, 4788N-15364E, h102km, 17km, mb4.2/5, Error ellipse: s-maj=16.1km s-min=12.4km az=152.0

ISC 13 14:11:58.3-0.7, 4791N-008-1537E-01, h73km, 7km, n72, o138/81, mb3.9/15, 11.C, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril'sk, SKR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, etc.

YUK Yuzh-Kuril'sk 6.71 238 eP Pn 14 13 35.0 +0.9

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, JRA Rausu, etc.

YSS Yuzh-Sakhalins 7.50 267 fP Pn 14 13 48.2 +3.4

ASAJ Asahikawa 8.62 248 P Pn 14 14 02.1 +1.9

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, JKK2 Kamakawa 2, etc.

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAT Matushiro 16.12 231 P Pn 14 15 39.3 -1.0

MJAR Matushiro Arr 16.12 231 P Pn 14 15 39.0 -1.3

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

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MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

MAJO Matushiro 16.12 231 eP Pn 14 15 40.2 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 13 14:23:15.5-0.6, 3742S-006-17655E-009, h247km, 4km, mb3.7/7, Error ellipse: s-maj=12.0km s-min=8.9km

NEIC 13 14:23:16.8, 3731S-17676E, h229km, mb4.2/2, After WEL

IDC 13 14:23:16.6-0.8, 3737S-17623E, h222km, 10km, mb3.4/5, mb1 3.5/6, mb1mx3.4/15, mbmtmp3.4/6, Error ellipse: s-maj=25.2km s-min=22.2km az=116.0

WEL 13 14:23:16.8-0.2, 3731S-17676E, h229km, 2km, ML4.4/22, Error ellipse: s-maj=2.6km s-min=0.2km az=0.0

ISC 13 14:23:16.3-0.6, 3741S-006-17657E-009, h242km, 4km, n113, o112/116, mb3.7/7, North Island

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MARZ Manawaha, KUZ Kuautonu, URZ Urewera, etc.

CSEM 13 14:26:41.9,0.3,3892N,2642E,h2km,MD3.1, Error ellipse: s-maj=13.8km s-min=6.8km az=67.0

DDA 13 14:26:41.3,3893N,2644E,h7km,6km,MD2.9 Error ellipse: s-maj=13.8km s-min=6.8km az=67.0

ISCJB 13 14:26:42.4,0.6,3893N,003.2636E,006,h10km, Error ellipse: s-maj=6.9km s-min=3.7km az=169.4

NEIC 13 14:26:42.2,3892N,2629E,h23km,MD3.1(ATH), After ATH

ATH 13 14:26:42.2,3892N,2629E,h23km,4km,MD3.1/4 Error ellipse: s-maj=8.1km s-min=5.6km az=169.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PRK Parasevki, AYVA Ayvalik, URLA Izmir, etc.

ISCJB 13 14:43:37.2,2.2,52S,0.1,1465E,0.1,h82km,22km, mb3.8/5, Error ellipse: s-maj=20.7km s-min=15.8km az=145.3

NEIC 13 14:43:39.8,2.9,518S,14647E,h98km,27km,mb4.2/2, Error ellipse: s-maj=23.6km s-min=16.5km az=164.0

ISC 13 14:43:44.6,3.2,538S,14634E,h133km,32km,mb3.6/5, mb1.3,7.7,mb1mx3.5/16,mbtm3.6/7, Error ellipse: s-maj=52.9km s-min=15.0km az=102.0

ISC 13 14:43:41.3,1.9,53S,0.1,1465E,0.1,h108km,18km,n19, s=1500/19,mb3.8/5, Eastern New Guinea region

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

SKHL 13 15:18:03.8,1.0,5292N,14258E,h10km,mb4.9/3,2D, Sakhalin Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OKH Okha, NKL Nikolayevsk, GRNR Gornyy, etc.

KRSC 13 15:19:27.0,4.0,6,5247N,15979E,h26km,25km,ML3.6,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SPN Mys Shipunski, NLC Nalytskovo, RUS Russkaya, etc.

ISCJB 13 15:39:47.1,0.4,262N,006.9414E,004,h28km,mb4.5/42, MS4.0/19, Error ellipse: s-maj=8.1km s-min=5.6km az=15.4

BUI 13 15:39:48.1,267N,9401E,h17km,mb4.7,mb4.6,MS4.4, MS2.3

MOS 13 15:39:49.0,8.274N,9428E,h45km,mb5.0/16,MS4.3/4, Error ellipse: s-maj=12.9km s-min=7.5km az=106.8

NEIC 13 15:39:49.1,0.3,269N,9420E,mb4.7/13, Error ellipse: s-maj=8.6km s-min=5.9km az=31.0

DC 13 15:39:49.5,0.6,273N,9417E,h29km,3km,mb4.1/15, mb1.4,1/16,mb1mx4.0,2/25,mbtm4.1/16,ML3.6/1,MS3.6/8, Ms1.3/6,ms1mx3.3/36, Error ellipse: s-maj=19.0km s-min=11.7km az=51.0

DJA 13 15:39:57,308N,9426E,h25km,ML4.6/4 Error ellipse: s-maj=19.0km s-min=11.7km az=51.0

ISC 13 15:39:49.3,0.4,262N,005.9413E,004,h30km, h30km,6km,pp-P,n96,0102/96,mb4.5/42,MS4.0/19, 1C-1D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, PSI Prapat, KULM Kulim, etc.

CHTO Chiang Mai 16.77 16 eP Pn 15 43 40.7 -1.4

CHTO Chiang Mai 16.77 16 eP Pn 15 43 40.7 -1.4

NANT Nan 17.32 21 P Pn 15 43 50.0 +1.0

KKM Kota Kinabalu 22.82 40 eP P 15 44 45.5 +1.2

QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

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QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

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QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

QIZ Qiongzong 22.42 42 eP P 15 44 50.0 +0.7

EKS2 Erkin-Say 43.82 338 eP P 15 47 53.2 +0.7

MK31 Makanchi Array 45.19 349 eP P 15 48 03.5 +0.1

MKAR Makanchi Array 45.19 349 eP P 15 48 03.5 +0.4

MKAR Makanchi Array 45.19 349 eP P 15 48 03.5 +0.4

WARR Warramunga Arr 45.39 121 eP P 15 48 05.3 -0.1

WRAB Tennant Creek 45.40 121 eP P 15 48 04.2 -1.3

WRAB Tennant Creek 45.40 121 eP P 15 48 04.2 -1.3

WRAB Tennant Creek 45.40 121 eP P 15 48 04.2 -1.3

WB2 Warramunga Arr 45.40 121 eP P 15 48 05.9 +0.4

SOMN Songino Array 46.27 11 eP P 15 48 11.6 -0.4

SOMN Songino Array 46.27 11 eP P 15 48 11.6 -0.4

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SOMN Songino Array 46.27 11 eP P 15 48 11.6 -0.4

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KZC, EKS2, AAK, THN, UHLH, KK31, CHMS, TKM2, USP, SDNR, KLP, JOSI, KHET, SONA, MKAR, DANN, KOLN, KURBS, GKN, KKN, KKN, DMN, PKIN, PKI, PKI, AB31, GUN, JIRN, VOSK, BVAO, BVAR, ZRNC, AKTK, AKTO, AKTO, AKTO, LSA, LSA, ZAL, ZALV, JOF, JOF, JOF, FINES, FINES, FINES, ARCES, ARCES, GERES, NB2, NOA, NOA, TORD, WRG, ARG.

Table with columns: ARG, ARG, GCAM, SMC, FENTY, DENIZI, KARP, BLBC, AKAS, KULA, URLA, ELL, AKS. Includes station names and coordinates.

BUI 13 17:08:51.9, 1930N, 108.40W, h10km
NEIC 13 17:08:56.0, 1.8, 1933N, 108.37W, h10km, mb4.0/9, Error
ellipse: s-maj=27.5km s-min=12.8km az=20.0

ISC 13 17:08:52.1, 1.1, 1892N, 009.10815W, 010, h10km, n143,
0563/141, mb4.3/6, 52C-45D, Revilla Gigeo Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PPM, 319A, 318A, MNTX, 217A, 219A, 218A, 216A, 214A, 118A, JCT, 117A, 119A, Z17A, Y18A, Y17A, Y19A, Y16A, BNM, GLA, GLA, Y15A, LAZ, X18A, X16A, X15A, ANMO, X14A, BC3, W19A, PDMCI, X13A, IRM, BELC, W15A, WUAZ, W14A, W13A, GMRC, V15A, V14A, V16A, HEC, BFSC, V13A, V12A, V11A, TUQ, U14A, GSC, V11A, U13A, T15A, U10A, SDCO, MPMC, CCUT, T11A, S11A, HELL, R12A, MIAR, S10A, S09A, R11A, S08A, R09A, Q12A, Q11A.

Table with columns: P13A, Q10A, P12A, DUG, DAU, Q08A, P10A, R06C, CTU, O12A, O11A, R05C, BGU, O09A, SPUT, N12A, WCN, P05C, O07A, HVU, N09A, M11A, BEKR, OHCN, N08A, ORV, M10A, L12A, N06A, L11A, M08A, M07A, P01C, M06C, HATC, O02C, K11A, L08A, K10A, L07A, J13A, J12A, M05C, K09A, WVOR, HLD, MOD, MFC, N02C, I13A, L05A, K07A, M04C, I11A, J08A, K06A, K05A, H13A, MCMT, H12A, H10A, G13A, G11A, F13A, F12A, E11A, CHMT, D14A, QUA2, HHC, HHC, CD2.

MAN 13 17:14:39, 1750N-12112E, h15km, mb4.1, ML2.9, MS2.7,
4, Luzon

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like APYP, APYP, ABRA, CVP, CAUP, PIP, PIP, SGCP, ABPA, BCPH, PALP, PALP, BOLP, BALP, SCZP.

ISCJB 13 17:15:55.1, 0.8, 3205S, 004.716W, 010, h10km, 10km,
Error ellipse: s-maj=14.8km s-min=5.8km az=178.1
NEIC 13 17:15:57.2, 32.16S, 71.55W, h43km, MD4.1 (GUC), After
GUC.
GUC 13 17:15:57.2, 0.7, 32.16S, 71.55W, h43km, 2km, MD4.1,
ML4.2

ISCJB 13 19:29:44.3.0.1, 1370N.002.9065W.002,h64km, mb5.6/304, Error ellipse: s-maj=3.7km s-min=1.6km az=27.8

DJA 13 19:29:44, 1335N.9044W,h14km,mb5.6/1 SZGRF 13 19:29:47.1, 1379N.9046W,h70km,mb5.7, Near coast of Guatemala

BGS 13 19:29:51.0.1.8, 1441N.8780W,h23km,mb5.4,MS6.5 ISC 13 19:29:46.1.0.1, 1372N.002.9057W.002,h66km, h66km,2.3km;p-P,n1600,e059/1271,m65.5/304, 307C-133D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like PCG Pacaya, FUG Fuego 3, SONS SONS, GCG Guatemala City, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like RCC Rio Carpintero, HLG Holguin, MOAC Moa, DWPF Disney, HKT Hockley, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like ANMO comp=Z,35nm,0.9s, ANMO comp=Z,1.0nm,1.0s, ANMO Albuquerque, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Y13A Salome, JFW5 Jewell Farm, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like P16A Fountain Green, RRR Edison Barstow, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like FFD Franklin Falls, Q10A Clear Creek Ra, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PTOM, MORF, PCAB, RTO, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like QUIF, LHO, HPK, HMK, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BILL, BILB, BILM, CAF, SMY, etc.

Table with columns for country codes (MOS, NVR, etc.), names (Neopropolis, etc.), and various numerical and categorical data points.

Table with columns for country codes (ARG, ASAJ, ANNA, etc.), names (Arkhangelos, etc.), and various numerical and categorical data points.

Table with columns for country codes (MSL, CHANGCHUN, MOY, etc.), names (Mosul, etc.), and various numerical and categorical data points.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like ULHL, MAW, TIA, JOW, DESE, TOOLANG, etc.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like CD2, DDI, DDI, CAUP, etc.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like KKM, KKM, GOA, HYB, etc.

Table with columns: RWWY, RLMT, BW06, PDAR, PDAR, GCMT, LOHW, ISCO, SNOOW, REDW, IMW, TPAW, SMCO, BOZ, HWUT, MCMT, DAU, SDCO, PV10, PV10, PV01, ECSD, BGU, ULM, WUAZ, N19, LPIG, ARCES. Includes station names, coordinates, and various codes.

Table with columns: MIB, NAY, NAY, NAY, NAY, LYLS, ASYS. Includes station names, coordinates, and various codes.

Table with columns: PTK, KIZT, MARD, CORM, OSI, MZDA, BINT, ELL, EZC, AKAS, KRMI, KZIT, PRNI, KRMI, KRMI, HRFI, MBH, EIL, HAHT. Includes station names, coordinates, and various codes.

WEL 13 21:38:44.6:0.4, 3776E, h33km, ML3.5/7, Error ellipse: s-maj=3.8km s-min=2.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like MATAKAOA POINT, PUKETI, MAITAI, etc.

DJA 13 22:11:15, 146N, 12421E, h318km, ML2.8/1, Error ellipse: s-maj=12.2km s-min=5.4km az=70.0, Error ellipse: s-maj=16.6km s-min=7.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KOTA KINABALU, BAUMATA, FITZROY CROSSI, etc.

ATH 13 20:33:55.9, 3593N, 2696E, h32km, MD3.5/8, Error ellipse: s-maj=6.5km s-min=5.6km az=138.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

ISK 13 21:54:35.6, 3594N, 3575E, h13km, MD3.7, Error ellipse: s-maj=1.5km s-min=1.2km az=99.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like ARNAB, ARNAB, HTY, HTY, etc.

ISC 13 21:54:36.0, 3598N, 001, 3573E, h10km, MD3.9, Error ellipse: s-maj=3.3km s-min=2.3km az=178.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like WRAB, WRA, WB2, KULM, ASAR, etc.

ISC 13 20:33:55.2, 0.7, 3600N, 003, 2689E, h0km, MD3.2, Error ellipse: s-maj=2.4km s-min=1.9km az=12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

ISC 13 21:54:36.0, 3599N, 001, 3575E, h0km, MD3.9, Error ellipse: s-maj=3.3km s-min=2.3km az=178.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like ARNAB, ARNAB, HTY, HTY, etc.

ISC 13 22:11:20.0, 1.4, 172N, 000, 12430E, h35km, MD3.0, Error ellipse: s-maj=12.2km s-min=5.4km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KOTA KINABALU, BAUMATA, FITZROY CROSSI, etc.

ISC 13 21:00:28.8, 0.7, 2790N, 004, 5766E, h10km, Error ellipse: s-maj=7.0km s-min=5.7km az=155.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like BANDAR-ABBAS, BANDAR-ABBAS, etc.

ISC 13 21:00:29.5, 2792N, 5744E, h7km, ML4.0, Error ellipse: s-maj=6.6km s-min=4.9km az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

IDC 13 22:21:13.1, 1.4, 613N, 12740E, h0km, mb3.8/7, mb1 4.0/7, Error ellipse: s-maj=12.0, 4km s-min=18.1km az=71.0, Philippine lands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KAKA, FITZ, WARRAMUNGA ARR, etc.

ISC 13 21:00:30.8, 0.8, 2791N, 004, 5775E, h0km, n26, Error ellipse: s-maj=6.0km s-min=4.2km az=7.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like BANDAR-ABBAS, BANDAR-ABBAS, etc.

ISC 13 22:26:32.1, 0.1, 3906N, 2946E, h8km, MD3.0, Error ellipse: s-maj=2.6km s-min=2.4km az=6.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

ISC 13 22:26:33.1, 3904N, 2943E, h20km, MD3.0, Error ellipse: s-maj=6.0km s-min=4.2km az=7.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

ISC 13 22:26:33.0, 0.6, 3908N, 004, 2945E, h0km, n24, Error ellipse: s-maj=6.0km s-min=4.2km az=7.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

ISC 13 22:26:33.0, 0.6, 3908N, 004, 2945E, h0km, n24, Error ellipse: s-maj=6.0km s-min=4.2km az=7.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KARPATHOS, NISIRI, ARG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BALB, GPA, YLV, BALLY, etc.

CSEM 13 22:39:41.8-0.2, 3546N-626W, h40km, MD3.1, Error ellipse: s-maj=4.0km s-min=2.2km az=21.0

ISCJB 13 22:39:41.6-0.7, 3544N-004-626W, 003h3km, 8km, Error ellipse: s-maj=6.8km s-min=4.3km az=11.9

MDD 13 22:39:41.9-0.6, 3527N-626W, h53km, 7km, mb3.8/8, Error ellipse: s-maj=6.2km s-min=4.9km az=58.0, PRXIMO

CNRM 13 22:39:41.3, 3511N-649W, h11km, MD3.1

NEIC 13 22:39:42.6, 3535N-626W, h73km, MG3.2(MDD), After MDD

INMG 13 22:39:43.0-1.2, 3531N-626W, h32km, 13km, ML2.0, Error ellipse: s-maj=11.1km s-min=3.2km az=2.0

ISC 13 22:39:43.2-0.7, 3546N-004-624W, 003h50km, gkm, n58, c1500/109, 1D, Strait of Gibraltar

Main table of station data with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like TSY, RSA, ECEU, etc.

Table with columns: EQES, Quesada, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EQES, MOE, PESTR, etc.

EVIA Vianos 1.0nm,0.1s,SNR=7.9

EVIA Vianos 0.8nm,0.1s,SNR=7.9

EVIA Vianos 4.36 42 P S Sn 22 40 45.3 -0.3

PCBR Castelo Branco 4.48 348 eP S Sn 22 41 37.9 -1.4

PCBR Castelo Branco 4.48 348 eP S Sn 22 40 49.4 +0.9

ESDC Sonseca Array 4.58 23 P S Sn 22 40 50.3 +0.4

ESDC Sonseca Array 4.58 23 P S Sn 22 40 50.3 +0.5

ETOB Tobarra 4.92 48 P S Sn 22 40 53.8 -0.7

ETOB Tobarra 4.92 48 P S Sn 22 41 47.6 -2.4

ETOB Tobarra 4.92 48 P S Sn 22 40 53.8 -0.7

ETOB Tobarra 4.92 48 P S Sn 22 41 47.6 -2.5

MTE Manteigas 5.04 349 eP S Sn 22 40 57.2 +1.1

GUD Guadarrama 5.43 17 P S Sn 22 41 02.5 +1.0

GUD Guadarrama 5.43 17 P S Sn 22 41 59.5 -3.1

MVO Moncorvo 5.73 354 eP S Sn 22 41 06.6 +1.0

MVO Moncorvo 5.73 354 eP S Sn 22 42 08.4 -1.5

PVLR Vila Real 5.92 349 eP S Sn 22 41 09.1 +0.9

ETOR Torete 6.28 30 P S Sn 22 41 13.4 +0.2

ETOR Torete 6.28 30 P S Sn 22 42 20.9 -2.8

CSEM 13 22:51:14.7-0.1, 3781N-2749E, h8km, MD2.8, Error ellipse: s-maj=3.1km s-min=1.6km az=78.0

ISCJB 13 22:51:15.6-0.4, 3779N-002-2749E, 004h7km, Error ellipse: s-maj=5.0km s-min=2.9km az=171.8

DDA 13 22:51:15.1, 3780N-2752E, h7km, 3km, MD2.8

ISK 13 22:51:15.2, 3780N-2749E, h7km, MD3.0

ISC 13 22:51:15.7-0.5, 3780N-002-2752E, 005h1km, n18, c0571/23, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like GCAM, MLBS, KDAC, etc.

TIF 13 23:07:03.3, 4306N-4714E, h12km, 1km

MOS 13 23:07:08.1-2.1, 4280N-4728E, h19km, mb3.8/1, Error ellipse: s-maj=17.0km s-min=8.2km az=1.3

CSEM 13 23:07:08.1, 4280N-4728E, h19km, mb3.8, After OBN

ISCJB 13 23:07:09.8-0.6, 4291N-005-4724E, 004h10km, Error ellipse: s-maj=6.8km s-min=4.1km az=0.9

ISC 13 23:07:10.5-0.6, 4290N-005-4724E, 004h10km, n30, c1909/47, 1C-1D, Eastern Caucasus

Main table of station data with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like BUJR, MAK, etc.

Table with columns: ARNR, Delisi, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARNR, TBGL, etc.

ISCJB 13 23:33:13.3-0.8, 2286S-007-17952W, h50km, 11km, mb4-2/19, Error ellipse: s-maj=12.9km s-min=9.6km

NEIC 13 23:33:14.4-0.8, 2280S-17947W, h503km, 10km, mb4.4/13, Error ellipse: s-maj=10.8km s-min=8.6km az=152.0

IDC 13 23:33:14.1-1.7, 2292S-17941W, h499km, 23km, mb3.7/10, mb1.3/9.12, mb1mx3.7/20, mbtmp3.7/12, Error ellipse: s-maj=26.0km s-min=12.5km az=158.0

ISC 13 23:33:13.5-0.6, 2281S-007-17949W, 008h487km, 11km, mb4-087/39, mb4-2/19, 3C, South of Fiji Islands

Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like RAO, AFI, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like RAO, AFI, etc.

Table with columns: LMEI, Las Melosas, 1.98 131, Pn, 00 00 21.2 +1.5, 00 00 45.6 +2.7, 00 00 51.6

ISCJB 14 00:00:18.7,2.1,3573N-008.2236E,0.1,h6km,16km, Error ellipse: s-maj=18.0km s-min=10.8km az=146.7

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

IDC 14 00:27:24.8,1.3,3315N-7576E,h0km,mb3.6/7,mb1 3.7/9, mb1mx3.6/26,mbtmp3.7/9,ML3.4/1, Error ellipse: s-maj=34.5km s-min=23.4km az=73.0

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

MOS 14 00:27:27.3,1.1,3317N-7585E,h3km,mb4.0/7, Error ellipse: s-maj=18.0km s-min=8.4km az=101.4

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

DDI Dehra Dun 3.48 145 ex Pg 00 29 35.0 0.0 NDI New Delhi 4.68 164 ex Ss 00 28 45.5 +7.5

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

KHET Khetri 5.12 179 eP Ss 00 28 45.3 +1.3 KABUL Kabul 5.74 285 Pn Ss 00 29 58.0 0.0

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

UCH Ajmer 9.67 188 eS Ss 00 30 20.0 -3.5 UCH Uchot 6.06 354 ePn Pn 00 29 39.6 +1.5

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

WMQ Urumqi 14.11 38 Pn Pn 00 30 48.8 +1.6 WMQ AP 00 30 56.3

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

AB31 Akbulak array 19.90 328 P Pn 00 31 58.1 -2.2 BVA0 Borovoye Array 20.18 351 P Pn 00 32 01.3 -0.3

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

AKTO Aktyubinsk 21.61 328 P Pn 00 32 17.2 0.1 AKTO Aktyubinsk 21.61 328 P Pn 00 32 17.2 0.1

Table with columns: ZAL Zalesovo, 21.70 15 P P, 00 32 17.1 -0.9, 00 32 17.0 -1.2, 00 32 17.1 -1.1

ISCJB 14 00:30:55.4,0.5,3775N-003.2306E,0.04,h10km,6km, Error ellipse: s-maj=5.5km s-min=4.4km az=171.9

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

ISC 14 00:30:55.7,3774N-2305E,h10km,MD3.0/7,ML2.7 Error ellipse: s-maj=1.1km s-min=0.9km az=120.0

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

CASC 14 00:37:09.6,2.4,832N-8289W,h8km,MD4.0,ML3.1, SC-1D, Panama-Costa Rica border region

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

CSEM 14 00:50:53.6,3805N-2689E,h57km,MD3.1/3, After ATH

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

NEIC 14 00:51:02.6,3635S-17753E,h222km,MG3.9(WEL), After WEL

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

ISCJB 14 01:24:33.8,1.1,235S-0.1,1800W-0.1,h52km,13km, mb4.2/16, Error ellipse: s-maj=16.1km s-min=14.3km az=173.4

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

BGS 14 01:24:33.9,1.2,2336S-17987W,h52km,mb4.4(NEIC) Error ellipse: s-maj=16.9km s-min=15.6km az=143.0

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

ISC 14 01:24:34.9,1.8,2352S-17917W,h52km,21km,mb3.6/9, mb1 3.8/10, mb1mx3.6/17, mbtmp3.7/10, Error ellipse: s-maj=18.3km s-min=16.7km az=176.0

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

ISC 14 01:24:33.4,1.0,2341S-17909W,0.1,h50km,13km, mb4.1, mb0.0/24, mb4.2/16, SC-1D, South of Fiji Islands

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

Table with columns: PLWZ Palliser, 5.52 198 Pn Pn 00 52 21.4 -2.5, TUWZ Tuamarina, 5.80 208 Pn Pn 00 52 24.8 -2.7

ISC 14 00:55:03.5,3779N-2745E,h7km,ML3.3 ATH 14 00:55:03.1,3782N-2755E,h15km,2km,MD3.8/7

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

ISC 14 00:55:03.8,0.1,3784N-2754E,h5km,MD3.3, Error ellipse: s-maj=1.3km s-min=1.2km az=68.0

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

ISC 14 00:55:04.3,0.4,3780N-2752E,h6km,4km,MD3.3 THE 14 00:55:04.6,3783N-2749E,h6km,ML3.5

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Afiamalu, South Karori, Rata Peaks, etc.

MOS 14 01:41:49.3-0.5, 4481N:3439E, h2km, mb3.5/7, Error ellipse: s-maj=37.4km s-min=29.3km az=77.3, Crimea region

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

KRSC 14 01:47:12.1±1.1, 4996N:15670E, h5km±5km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alaid, Malaya Ipe'l'ka, Ruskaya, etc.

TEH 14 02:08:59.6, 3042N±5180E, h5km, ML3.6
BUI 14 02:09:48.3, 2976N±5120E, h15km, mb4.5, mb4.3, Ms3.9, Ms3.7

ISCJB 14 02:09:53.4±0.8, 3043N±0.03±5177E±0.03, h5km, g6km, mb3.8/7, Error ellipse: s-maj=4.9km s-min=4.2km az=33.8

IDC 14 02:09:54.0±2.0, 3050N±5172E, h0km, mb3.8/12, mb1.3/9/14, mb1mx3.8/29, mbtmp3.8/14, ML4.0/2, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=41.0km s-min=19.6km az=145.0

CSEM 14 02:09:54.7±0.1, 3043N±5177E, h20km, ML3.6, Error ellipse: s-maj=2.3km s-min=1.6km az=63.0

THR 14 02:09:55.1±0.5, 3054N±5176E, h1km, g6km, ML3.7
NEIC 14 02:09:55.0, 3042N±5180E, h5km, mb4.0/8, ML3.7(THR), MN3.6(TEH), After TEH

MOS 14 02:09:57.7±1.3, 3056N±5154E, h33km, mb4.1/9, Error ellipse: s-maj=18.5km s-min=13.1km az=105.5

ISC 14 02:09:54.4±0.9, 3045N±0.03±5179E±0.03, h1km, g6km, n90, ±15/110, mb3.9/17, 2D, Northern and central Iran

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

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

ISCJB 14 02:40:42.8±0.2, 4537N±0.01±11251W±0.02, h10km, Error ellipse: s-maj=1.7km s-min=1.4km az=43.9

NEIC 14 02:40:43.0, 4537N±11260W, h12km, ML3.3(BUT), After BUT

IDC 14 02:40:45.4±1.2, 4547N±11232W, h6km, 11km, mb1.3/5/6, mb1mx3.4/28, mbtmp3.2/6, ML3.0/6, Error ellipse: s-maj=12.2km s-min=7.0km az=52.0

ISC 14 02:40:43.5±0.2, 4538N±0.01±11255W±0.02, h10km, n92, ±0599/183, 39C-36D, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dilon, Mount Meron Ar, Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chengdu, Hu-ho-hao-te, etc.

NEIC 14 02:31:22.4, 3315S±7006W, h8km, ML2.7(GUC), After GUC

GUC 14 02:31:22.4±0.8, 3315S±7006W, h8km±2km, MD3.6, ML2.7, 7C-6D, Chile-Argentina border region

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

ISCJB 14 02:40:42.8±0.2, 4537N±0.01±11251W±0.02, h10km, Error ellipse: s-maj=1.7km s-min=1.4km az=43.9

NEIC 14 02:40:43.0, 4537N±11260W, h12km, ML3.3(BUT), After BUT

IDC 14 02:40:45.4±1.2, 4547N±11232W, h6km, 11km, mb1.3/5/6, mb1mx3.4/28, mbtmp3.2/6, ML3.0/6, Error ellipse: s-maj=12.2km s-min=7.0km az=52.0

ISC 14 02:40:43.5±0.2, 4538N±0.01±11255W±0.02, h10km, n92, ±0599/183, 39C-36D, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dilon, Mount Meron Ar, Erkin-Say, etc.

DCID1 Drake Creek	2.03 151	ePn	Pn	02 41 18.5 +0.8
DCID1 Greycliff	2.06 77	ePn	Pn	02 41 48.1 -0.7
GCMT		ePn	Pn	02 41 18.9 +0.8
GCMT		ePn	Pn	02 41 21.7 -1.3
GCMT		ePn	Pn	02 41 44.9 +1.0
GCMT		ePn	Pn	02 41 49.1 -0.7
MOOW Moose Ponds	2.08 141	ePn	Pn	02 41 19.6 +1.2
MOOW		ePn	Pn	02 41 48.0 -2.2
D13A Huson	2.17 323	ePn	Pn	02 41 19.2 -0.4
TPAW Teton Pass	2.21 148	ePn	Pn	02 41 22.2 +2.1
TPAW		ePn	Pn	02 41 27.9 +2.1
TPAW		ePn	Pn	02 41 55.4 +1.0
LOHW Long Hollow	2.25 141	ePn	Pn	02 41 22.8 -1.4
LOHW		ePn	Pn	02 41 48.1 -0.4
LOHW		ePn	Pn	02 41 52.2 -3.4
HLID Hailey	2.25 217	ePn	Pn	02 41 21.0 +0.2
HLID		ePn	Pn	02 41 52.3 +0.2
HLID		ePn	Pn	02 41 20.7 -0.1
HLID		ePn	Pn	02 41 25.2 -1.4
HLID		ePn	Pn	02 41 47.4 -1.2
HLID		ePn	Pn	02 41 53.3 -2.6
J13A Cove Ranch, Pi	2.30 211	ePn	Pn	02 41 21.6 +0.2
J13A		ePn	Pn	02 41 54.0 +0.6
SNOW Snow King Moun	2.31 146	ePn	Pn	02 41 24.3 -3.4
SNOW		ePn	Pn	02 41 40.4 +0.5
SNOW		ePn	Pn	02 41 55.7 -1.9
RLMT Red Lodge	2.33 95	ePn	Pn	02 41 23.2 +1.3
RLMT		ePn	Pn	02 41 51.5 +1.0
RLMT		ePn	Pn	02 41 57.4 -0.9
REDW Red Top Meadow	2.35 148	ePn	Pn	02 41 24.8 -3.7
REDW		ePn	Pn	02 41 51.5 +0.4
REDW		ePn	Pn	02 41 59.0 -0.1
C14A Swan Lake	2.53 341	ePn	Pn	02 41 24.6 0.0
C14A		ePn	Pn	02 42 01.1 +1.0
H11A Donnelly	2.55 256	ePn	Pn	02 41 24.2 -0.6
H11A		ePn	Pn	02 42 00.8 +0.2
F11A Grangeville	2.58 283	ePn	Pn	02 42 01.8 +0.2
G11A Walters Elk Ra	2.62 272	ePn	Pn	02 42 03.3 +0.6
C13A Hot Springs	2.69 329	ePn	Pn	02 41 27.2 +0.3
C13A		ePn	Pn	02 42 05.7 +0.9
E11A Bogner Ranch,	2.74 292	ePn	Pn	02 41 27.4 -0.1
E11A		ePn	Pn	02 42 06.5 +0.4
J12A Stokes Ranch,	2.81 222	ePn	Pn	02 41 28.5 +0.2
J12A		ePn	Pn	02 42 08.6 +0.5
AHID Auburn Hatcher	2.81 158	ePn	Pn	02 41 32.1 -1.6
AHID		ePn	Pn	02 42 02.8 +0.4
I11A Placerville	2.84 240	ePn	Pn	02 41 28.8 -0.1
I11A		ePn	Pn	02 42 09.4 +0.4
K14A Jones Ranch, D	2.87 189	ePn	Pn	02 41 29.9 +0.7
K14A		ePn	Pn	02 42 10.4 +0.5
K13A Stover Farm, H	2.94 203	ePn	Pn	02 41 30.6 +0.4
K13A		ePn	Pn	02 42 13.0 +0.9
MFID Camas Ranch	3.06 231	ePn	Pn	02 41 31.8 -0.1
MFID		ePn	Pn	02 42 16.1 +0.7
H10A Noah's Angus R	3.08 257	ePn	Pn	02 41 31.6 -0.6
H10A		ePn	Pn	02 42 16.6 +0.6
K12A Draper Farm, C	3.23 213	ePn	Pn	02 41 34.4 +0.3
K12A		ePn	Pn	02 42 21.1 +1.0
G10A Bishop Farm, J	3.23 270	ePn	Pn	02 42 20.6 +0.5
EGMT Eagleton	3.27 35	ePn	Pn	02 41 35.1 +0.4
EGMT		ePn	Pn	02 42 24.5 +3.1
EGMT		ePn	Pn	02 41 35.1 +0.4
EGMT		ePn	Pn	02 41 44.5 -0.2
EGMT		ePn	Pn	02 42 28.3 -0.2
B13A Whitefish	3.27 337	ePn	Pn	02 41 35.2 +0.4
B13A		ePn	Pn	02 42 23.3 +1.8
F10A Beach Ranch, E	3.33 282	ePn	Pn	02 41 35.6 -0.1
F10A		ePn	Pn	02 42 24.3 +1.0
E10A Myers Farm, Un	3.37 291	ePn	Pn	02 42 25.3 +1.0
PDAR Pinedale Array	3.38 139	ePn	Pn	02 41 41.9 +5.5
PDAR		ePn	Pn	02 41 45.5 -2.8
PDAR		ePn	Pn	02 42 29.3
BMO Blue Mountains	3.41 263	ePn	Pn	02 41 35.5 -1.2
BMO		ePn	Pn	02 41 44.5 -4.3
BMO		ePn	Pn	02 42 27.7 -5.2
L13A Double Diamond	3.44 198	ePn	Pn	02 42 26.9 +0.5
HVU Hansel Valley	3.60 183	ePn	Pn	02 41 44.0 +4.7
HVU		ePn	Pn	02 41 48.9 -0.9
HVU		ePn	Pn	02 42 34.1 -5.0
K11A Parker Ranch,	3.62 225	ePn	Pn	02 41 39.9 +0.3
L12A House Creek Ra	3.69 210	ePn	Pn	02 42 36.3 +2.7
A13A Flathead Natio	3.78 341	ePn	Pn	02 41 42.3 +0.6
A13A		ePn	Pn	02 42 39.3 +3.4
WALA Waterton Lakes	3.80 346	ePn	Pn	02 41 42.5 +0.5
WALA		ePn	Pn	02 41 51.3 -4.9
WALA		ePn	Pn	02 42 40.6 -4.7
HWUT Hardware Ranch	3.84 169	ePn	Pn	02 41 48.7 -8.3
HWUT		ePn	Pn	02 42 41.7 -5.0
M14A Sheep Mountain	3.92 189	ePn	Pn	02 41 44.3 +0.7
L11A Cat Creek Ranc	3.96 217	ePn	Pn	02 41 44.8 +0.6
K10A MacKenzie Ranc	4.06 232	ePn	Pn	02 41 46.0 +0.4
SPUT South Promonto	4.07 179	ePn	Pn	02 41 46.5 +0.7
SPUT		ePn	Pn	02 41 52.8 -8.6
SPUT		ePn	Pn	02 42 47.3 -6.8
SPUT		ePn	Pn	02 41 50.7 +2.3
NEW Newport	4.26 314	ePn	Pn	02 42 02.0 -3.1
NEW		ePn	Pn	02 42 02.0 -3.1
NEW		ePn	Pn	02 42 52.8 -7.6
NEW		ePn	Pn	02 41 48.5 +0.1
NEW		ePn	Pn	02 42 02.4 -2.7
NEW		ePn	Pn	02 42 54.5 -5.8
NEW		ePn	Pn	02 41 50.1 +0.4
L10A Juniper Basin	4.36 222	ePn	Pn	02 41 50.1 +0.4
H08A Prairie City	4.43 261	ePn	Pn	02 41 50.5 -0.2
BGU Big Grassy Mou	4.46 185	ePn	Pn	02 41 52.0 +0.9
BGU		ePn	Pn	02 41 59.8 -9.2
BGU		ePn	Pn	02 43 00.3 -6.5
G08A Pilot Rock	4.52 271	ePn	Pn	02 41 52.0 0.0
LAO Lasa Array	4.59 71	ePn	Pn	02 42 06.9 -4.5
LAO		ePn	Pn	02 42 46.8 +0.5
LAO		ePn	Pn	02 43 07.1 -3.8
J08A Circle Bar Ran	4.71 247	ePn	Pn	02 41 54.8 +0.3

NOQ North Oquirrh	4.73 176	ePn	Pn	02 41 54.5 -0.4
NOQ		ePn	Pn	02 42 00.8 -5.3
NOQ		ePn	Pn	02 43 09.5 -5.9
ELK Elko	5.03 204	ePn	Pn	02 42 06.5 +7.5
ELK		ePn	Pn	02 43 15.3 +3.1
ELK		ePn	Pn	02 42 00.0 +1.0
ELK		ePn	Pn	02 42 11.3 -0.3
ELK		ePn	Pn	02 42 57.4 +0.3
ELK		ePn	Pn	02 43 14.8 +2.7
ELK		ePn	Pn	02 42 04.0 +4.7
DAU Daniels Canyon	5.05 169	ePn	Pn	02 42 12.0 -7.3
DAU		ePn	Pn	02 43 22.3 -3.4
DAU		ePn	Pn	02 42 02.2 +1.2
DUG Dugway	5.18 182	ePn	Pn	02 42 15.5 -7.3
DUG		ePn	Pn	02 42 25.1 -4.8
DUG		ePn	Pn	02 42 11.3 -4.7
WVOR Wild Horse Val	5.29 238	ePn	Pn	02 42 05.0 +1.7
RWWY Rawlins	5.35 132	ePn	Pn	02 42 20.6 -5.3
RWWY		ePn	Pn	02 42 34.9 -7.1
RSSD Black Hills	6.19 99	ePn	Pn	02 43 53.6 -8.5
RSSD		ePn	Pn	02 42 18.3 0.0
SRU San Rafael	6.44 166	ePn	Pn	02 42 33.4 +1.3
SMCO Snowmass	7.45 144	ePn	Pn	02 42 57.0 -9.0
SMCO		ePn	Pn	02 42 48.1 +6.2
NVAR Mina Array Bea	8.16 214	ePn	Pn	02 43 07.5 +2.6
NVAR		ePn	Pn	02 44 58.0
NVAR		ePn	Pn	02 43 34.6 -2.8
ULM Lac du Bonnet	12.21 61	ePn	Pn	02 46 57.4
ULM		ePn	Pn	02 44 39.0 -4.4
ULM		ePn	Pn	02 44 39.0 -4.4

ISCBJ 14 03:12:35.2,0.5,3571N-002:333W,003,h10km,3km,
 Error ellipse: s-maj=3.8km s-min=2.8km az=17.4
 NEIC 14 03:12:36.5,3565N-333W,h5km,MN2.5(MDD),After
 MDD.
 CSEM 14 03:12:36.7,0.1,3558N-328W,h15km,ML3.17,Error
 ellipse: s-maj=2.1km s-min=1.6km az=107.0
 INMG 14 03:12:36.3,1.3,3563N-336W,h2km,4km,ML2.4,Error
 ellipse: s-maj=2.8km s-min=2.5km az=67.0
 MDD 14 03:12:36.7,0.2,3566N-330W,h8km,3km,mBLg2.5/1.0
 Error ellipse: s-maj=2.5km s-min=1.5km az=87.0,PRXIMO
 SFS 14 03:12:36.0,3566N-331W,h0km,ML2.4
 CNRM 14 03:12:38.3,3561N-325W,h11km,MD3.8
 ISC 14 03:12:36.2,0.4,3568N-002:331W,003,h13km,3km,n84,
 @114/128,4C-1D,Strait of Gibraltar

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
EALB	Alboran	0.34	40	Op	03 12 43.4	+0.3
EALB	Alboran			ISC		
EALB	Alboran			Op	03 12 48.5	
EALB	Alboran	0.34	40	Op	03 12 43.5	+0.4
EALB	Alboran			ISC		
EMEL	Melilla	0.47	143	Op	03 12 45.1	-0.3
EMEL	Melilla			ISC		
EMEL	Melilla	0.47	142	Op	03 12 45.1	-0.4
EMEL	Melilla			ISC		
MPAL	Palemas	0.69	229	Op	03 12 51.0	+1.5
MPAL	Palemas			ISC		
TOU	Touzarine	0.80	207	Op	03 12 50.0	+0.4
TOU	Touzarine			ISC		
ZAI	Zaio	0.84	147	Op	03 12 52.0	-0.4
ZAI	Zaio			ISC		
EGUA	Gujajares	1.17	350	Op	03 12 58.6	-0.2
EGUA	Gujajares			ISC		
EGUA	Gujajares	3.6nm,0.2s,SNR=7.9		Lg	03 13 12.1	
EBER	Berja	1.27	15	Pn	03 12 57.5	-2.1
EBER	Berja			ISC		
EBER	Berja	7.8nm,0.2s,SNR=24		Lg	03 13 16.9	
ERON	Agron	1.40	343	Pn	03 13 00.2	-1.3
ERON	Agron			ISC		
ERON	Agron	1.4nm,0.1s,SNR=7.9		Lg	03 13 21.5	
ERON	Agron	13nm,0.6s,SNR=7.9		Lg	03 13 02.6	-0.5
ERON	Agron	1.4nm,0.1s,SNR=7.9		Lg	03 13 02.6	-0.4
ERON	Agron			ISC	03 13 23.3	
EMIJ	Mijas	1.48	307	Pn	03 13 01.1	-1.4
EMIJ	Mijas			ISC		
EMIJ	Mijas	0.8nm,0.1s,SNR=24		Lg	03 13 23.2	
EQU	Quentar	1.53	356	Pn	03 13 02.5	-0.7
EQU	Quentar			ISC		
EQU	Quentar	1.4nm,0.2s,SNR=22		Lg	03 13 25.2	
ENJ	Nijar	1.57	34	Pn	03 13 01.2	-2.5
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.3s,SNR=5.9		Lg	03 13 01.2	-2.5
ENJ	Nijar	1.4nm,0.1s,SNR=8.1		Lg	03 13 01.2	-2.5
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 02.5	-1.2
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.6	-1.0
ENJ	Nijar	1.57	34	Pn	03 13 02.5	-1.2
ENJ	Nijar			ISC		
ENJ	Nijar	1.2nm,0.1s,SNR=8.1		Lg	03 13 24.	

IDC 14 03:29:43.9.1.5, 1384N:9030W, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.8/23, mbtmp3.9/7, ML4.1.2, MS3.1/2, MS1 3.1/2, ms1mx2.5/35, Error ellipse: s-maj=66.2km s-min=20.3km az=46.0

NEIC 14 03:29:45.2.0.9, 1340N:9091W, h10km, mb3.9/6, Error ellipse: s-maj=21.9km s-min=9.7km az=33.0

ISCJTB 14 03:29:47.1.1.0, 1340N:009.903W, h0.07, h45km, 9km, mb3.9/10, Error ellipse: s-maj=17.0km s-min=6.0km az=34.1

CASC 14 03:29:47.0.1.5, 1340N:9094W, h20km, 8km, MD3.7, mb3.9/10

ISC 14 03:29:49.1.0.9, 1347N:008.9090W, h44km, 8km, n40, +110/31, mb3.9/10, 5C-9D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pacaya, Fuego 3, Jato, Las Nubes, El Retiro, San Blas, San Jose, Robledal, Boqueron, Montecristo 2, La Fuente, El Faro, Las Brisas, La Ceiba, San Vicente, Miguel, Conchagua, Comitán, Tegucigalpa, San Cristobal, Matias Romero, JuntasAbangare, Vista Hermosa, Tepich, Popocatepetl, Lajitas, Cornudas Mount, Waverly, Barren Site, ANMO Albuquerque, Wupaki, Snow King Moun, NVAR Mina Array Bea, ULM Lac du Bonnet, SILV San Ignacio, SCHO Schefferville, YKA Yellowknife Ar, DBIC Dimbokro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG, JTS, JTS, JTS, JTS, VHO, VHO, TEIG, PPM, TXAR, MNTX, WVT, BNM, ANMO, WUJAZ, SNOW, NVAR, ULM, ULM, SILV, SCHO, YKA, DBIC.

CSEM 14 03:31:47.7.0.1, 3043N:3529E, h20km, ML2.9, Error ellipse: s-maj=1.9km s-min=1.8km az=43.0

HLW 14 03:31:48.3, 3037N:3523E, h7km, Mb2.8, ISC 14 03:31:47.2.2.2, 304N:01.353E, h10km, n6, +08/38/2C-3D, Dead Sea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLFJ, HNKL, HNKL, HBST, AMAG, AMAG, AKAT, SUZ.

NEIC 14 03:37:23.4.1.7, 2114S:17948W, h600km, mb3.9/2, Error ellipse: s-maj=102.0km s-min=21.9km az=149.0

IDC 14 03:36:17.1.2.9, 1998S:17792W, h8km, mb4.6/3, mb1 4.8/3, mb1mx3.9/15, mbtmp4.6/3, Error ellipse: s-maj=157.0km s-min=37.2km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARMA, STKA, STKA, ASAR, WB2, WB2, WRR, MBWA, ARCES, ARCES, ARCES, ARCES, GERS.

MEX 14 03:40:41.7.0.3, 1710N:10013W, h52km, 4km, MD3.6, Guerrero

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

NEIC 14 03:51:37.1.0.5, 4822N:15390E, h10km, mb4.1/7, Error ellipse: s-maj=19.5km s-min=9.2km az=148.0

MOS 14 03:51:41.4.1.4, 4804N:15404E, h63km, mb4.1/9, Error ellipse: s-maj=16.2km s-min=10.9km az=56.9

ISCJTB 14 03:51:42.2.1.1, 4812N:029.1540E, 0.1, h68km, 10km, mb3.8/17, Error ellipse: s-maj=18.2km s-min=6.4km

az=139.5, IDC 14 03:51:46.0.2.6, 4814N:15377E, h88km, 24km, mb3.6/10, mb1 3.8/13, mb1mx3.6/27, mbtmp3.6/13, Error ellipse: s-maj=26.7km s-min=14.4km az=145.0

ISC 14 03:51:44.1.0.9, 4812N:008.1540E, h1.066km, 9km, n42, +110/43, mb3.8/17, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKZR, SKR, SKR, SKR, KUR, KUR, KUR, KUR, PETK, YSS, YSS, ASAJ, ASAJ, ASAJ, ERM, ERM, KLR, MJAR, YAK, YAK, KSRS, KSRS, EGAK, EGAK, INK, INK, INK, INK, MK31, MK31, MKAR, MKAR, MKAR, MKAR, KURK, KURK, KURK, RES, RES, YKA, YKA, MOD, MOD, NVAR, NVAR, TPWA, TPWA, BW06, BW06, PDAR, PDAR, SMC0, SMC0, HFS, HFS, HFS, HFS, ANMO, ANMO, ANMO, ASAR, ASAR, ASAR, ASAR, EKA, EKA, EKA, TXAR, TXAR, TXAR, TXAR, TORD, TORD.

PETK Petropavlovsk 5.54 24 P Pn 03 53 05 +1.3

YSS Yuzh-Sakhalins 7.67 265/1 P Pn 03 53 50 +2.0

YSS comp=E.50nm,0.8s pmax pmax

YSS Yuzh-Sakhalins 7.67 265 ePn Pn 03 53 34.9 +1.8

ASAJ Asahikawa 8.84 247 P Pn 03 53 50.0 +1.0

ASAJ Asahikawa 8.84 247 P Pn 03 53 50.1 +1.0

ERL Ermo 9.77 235/1 P Pn 03 54 00.0 -1.7

KLR Kurul'dur 14.71 283 ePn Pn 03 55 08.0 -0.3

MJAR Matsushiro Arr 16.38 231 P Pn 03 55 27.6 -2.0

YAK Yakutsk 19.51 325/1 P Pn 03 56 09.5 +2.1

KSRS Korea Array 21.77 250 P P 03 56 30.2 0.0

EGAK Eagle 37.58 40 eP P 03 58 50.5 -1.0

INK Inuvik 40.19 33 P P 03 59 14.1 +0.7

INK Inuvik 40.19 33 P P 03 59 14.1 +0.7

INK Inuvik 40.19 33 P P 03 59 13.6 +0.3

MK31 Makanchi Array 46.83 297 eP P 04 00 06.7 -0.3

MKAR Makanchi Array 46.83 297 P P 04 00 06.5 -0.6

MKAR Makanchi Array 46.83 297 P P 04 00 06.5 -0.5

KURK Kurchatov 47.09 303 eP P 04 00 08.5 -0.5

KURK Kurchatov 47.09 303 eP P 04 00 08.4 -0.5

RES Resolute Bay 49.36 19 eP P 04 00 26.1 0.0

YKA Yellowknife Ar 49.49 38 P P 04 00 27.6 +0.4

YKA Yellowknife Ar 49.49 38 P P 04 00 27.6 +0.3

MOD Modoc 57.93 61 eP P 04 01 29.2 +0.1

NVAR Mina Array Bea 61.30 63 P P 04 01 53.1 +0.6

TPWA Teton Pass 62.24 55 eP P 04 02 00.3 +1.7

BW06 Boulder Array 63.49 55 eP P 04 02 07.0 0.0

PDAR Pinedale Array 63.49 55 P P 04 02 07.6 +0.7

SMC0 Snowmass 67.36 56 eP P 04 02 32.6 +0.5

HFS Hagfors 67.38 340 P P 04 02 30.9 -0.9

HFS Hagfors 67.38 340 P P 04 02 30.9 -0.8

ANMO Albuquerque 70.63 59 eP P 04 02 52.9 +0.5

ANMO Albuquerque 70.63 59 eP P 04 02 52.9 +0.6

ASAR Alice Springs 73.69 199 P P 04 03 09.8 -0.7

ASAR Alice Springs 73.69 199 P P 04 03 09.8 -0.7

EKA Eskdalemuir Arr 75.14 347 P P 04 03 16.4 -2.3

EKA Eskdalemuir Arr 75.14 347 P P 04 03 16.4 -2.3

TXAR Lajitas Array 76.33 61 P P 04 03 26.1 +0.2

TXAR Lajitas Array 76.33 61 P P 04 03 26.2 +0.3

TORD Torodi Arr 114.20 300 PKP PKIKP 04 10 14.4 -1.8

IGQ 14 04:15:44.1, 320S:7910W, h11km, 5km, Mb4.1, Ms3.9, 3C-1D, Error ellipse: s-maj=10.1km s-min=3.2km az=28.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGUA, ARRY, ARRY, PATA, ULBA, RUNS, PISA, YCMB, TAMI, ANTI, JUAZ, WRR, GGP.

NEIC 14 04:29:17.9.0.9, 1129S:16334E, h10km, mb4.2/5, Error ellipse: s-maj=23.8km s-min=13.8km az=134.0

ISCJTB 14 04:29:22.6.4.5, 1123S:01.1631E, h54km, 33km, mb4.1/9, MS3.8/3, Error ellipse: s-maj=35.0km s-min=20.9km az=27.5

IDC 14 04:29:24.9.8.9, 1110S:16315E, h58km, 63km, mb3.7/4, mb1 4.0/5, mb1mx3.7/17, mbtmp3.9/5, ML4.7/1, MS3.4/5, Ms1 3.4/5, ms1mx3.1/24, Error ellipse: s-maj=61.9km s-min=33.3km az=96.0

ISC 14 04:29:24.1.4.7, 1123S:02.1632E, h5km, 36km, n15, +054/12, mb4.1/9, MS3.6/3, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGUA, ARRY, ARRY, PATA, ULBA, RUNS, PISA, YCMB, TAMI, ANTI, JUAZ, WRR, GGP.

NEIC 14 04:49:22.5.0.7, 3668S:17842E, h106km, 5km, ML4.4/19, Error ellipse: s-maj=6.2km s-min=4.6km az=0.0

WEL Fell in the Bay of Plenty region

IDC 14 04:49:24.2.5.0, 3748S:17863E, h166km, 14km, mb3.5/2, mb1 3.8/3, mb1mx3.4/15, mbtmp3.5/3, Error ellipse: s-maj=45.5km s-min=33.3km az=15.0

ISC 14 04:49:22.4.1.5, 3712S:010.178E, 0.2, h144km, 6km, n93, +116/85, mb3.8/2, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WB2, WRA, ASAR, ASAR, FITZ, MBWA, PETK, SONM, BILL, EGAK, MKAR.

IDC 14 04:41:08.2.6.0, 3585N:7066E, h77km, 55km, mb3.6/4, mb1 3.7/8, mb1mx3.4/26, mbtmp3.7/8, ML3.8/4, MS3.4/1, Ms1 3.4/1, ms1mx3.2/9, Error ellipse: s-maj=60.6km s-min=36.5km az=127.0

MOS 14 04:41:09.2.1.6, 3585N:7043E, h100km, mb4.1/2, Error ellipse: s-maj=20.0km s-min=11.2km az=84.5

ISCJTB 14 04:41:12.1.0.4, 3605N:003.7073E, 0.05, h127km, 7km, mb3.8/3, Error ellipse: s-maj=7.4km s-min=4.9km az=169.4

NEIC 14 04:41:12.7.0.6, 3594N:7077E, h123km, 8km, mb4.1/5, Error ellipse: s-maj=8.4km s-min=5.3km az=63.0

NNC 14 04:41:14.1.2.0, 3627N:7000E, h87km, 41km, mb4.0, mp4.2, Error ellipse: s-maj=181.6km s-min=120.5km

ISC 14 04:41:13.3.0.4, 3603N:003.7073E, 0.06, h124km, 7km, n47, +1925/55, mb3.8/3, 3C-4D, HINDU Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL, KBL, CHER, CHCP, CHCP, THW, SARP, THN, UCH, UCH, UCH, EKS2, EKS2, EKS2, KK31, AAK, AAK, AAK, ULHL, ULHL, USP, TKM2, TKM2, TKM2, TKM2, DANN, DANN, KOLN, KOLN, MK31, MKAR, GKN, DMN, KKN, KKN, KKN, PKI, PKI, PKI, PKI, GUM, AB31, AB31, JIRN, BVAR, AKTK, AKTK, AKTO, AKTO, AKTO, ZAL, ZAL, ZAL, ZAL, ZAL, ARCES, ARCES, ARCES, ARCES, NB2, NB2, NOA, NOA, NOA, KMB0, TORD, TORD.

IDC 14 04:49:22.5.0.7, 3668S:17842E, h106km, 5km, ML4.4/19, Error ellipse: s-maj=6.2km s-min=4.6km az=0.0

WEL Fell in the Bay of Plenty region

IDC 14 04:49:24.2.5.0, 3748S:17863E, h166km, 14km, mb3.5/2, mb1 3.8/3, mb1mx3.4/15, mbtmp3.5/3, Error ellipse: s-maj=45.5km s-min=33.3km az=15.0

ISC 14 04:49:22.4.1.5, 3712S:010.178E, 0.2, h144km, 6km, n93, +116/85, mb3.8/2, Off east coast of North Island

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

Table with columns: PUZ, Puketiti, 1.01 199, P, Pn, 04 49 48.2 +1.6, etc. Lists various station names and their associated data.

ATH 14 05:15:01.9, 3575N-2911E, h10km, MD3.3/3
ISCJB 14 05:15:02.6: 1.5, 3598N-007:2908E, 007, h4km, 10km,
Error ellipse: s-maj=11.0km s-min=8.9km az=174.8,

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

IDC 14 05:29:07.0: 2.0, 6.1615S-17487W, h0km, mb4.2/14,
mb1 4.4/14, mb1mx4.3/19, mbtmp4.2/14, MS4.2/23,

NEIC 14 05:29:07.0: 3.1, 1645S-17463W, h10km, mb4.7/24, Error
ellipse: s-maj=25.4km s-min=11.4km az=123.0,
GCMT 14 05:29:07.0: 16.859N-17459W, h1km, MW5.0/77,
Moment Tensor Solution, s28, c35: s77, c114: Duration:
0. Moment tensor. Scale 10^16Nm; Mr=0.53±.15;

SGFRF 14 05:29:09.4, 1789S-17803W, h33km, Fiji Islands region
ISCJB 14 05:29:10.4: 0.3, 1639S-009:1749W, 01, h35km, n157,
±1529/51, mb4.5/37, MS4.3/24, 19C-12D, Tonga Islands

Table with columns: AFI, Afiamalu, 3.90 51, Pn, Pn, 05 29 56.1 -2.1, etc. Lists various station names and their associated data.

ATH 14 05:15:03.0: 1.3, 3596N-006:2905E, 007, h5km, 11km, n8,
±654/12, Eastern Mediterranean Sea

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

IDC 14 05:29:07.0: 2.0, 6.1615S-17487W, h0km, mb4.2/14,
mb1 4.4/14, mb1mx4.3/19, mbtmp4.2/14, MS4.2/23,

NEIC 14 05:29:07.0: 3.1, 1645S-17463W, h10km, mb4.7/24, Error
ellipse: s-maj=25.4km s-min=11.4km az=123.0,
GCMT 14 05:29:07.0: 16.859N-17459W, h1km, MW5.0/77,
Moment Tensor Solution, s28, c35: s77, c114: Duration:
0. Moment tensor. Scale 10^16Nm; Mr=0.53±.15;

SGFRF 14 05:29:09.4, 1789S-17803W, h33km, Fiji Islands region
ISCJB 14 05:29:10.4: 0.3, 1639S-009:1749W, 01, h35km, n157,
±1529/51, mb4.5/37, MS4.3/24, 19C-12D, Tonga Islands

Table with columns: CD2, comp=N, 120nm, 12.8s, LR, LR, 05 42 09.4 -3.8, etc. Lists various station names and their associated data.

ATH 14 05:15:03.0: 1.3, 3596N-006:2905E, 007, h5km, 11km, n8,
±654/12, Eastern Mediterranean Sea

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

IDC 14 05:29:07.0: 2.0, 6.1615S-17487W, h0km, mb4.2/14,
mb1 4.4/14, mb1mx4.3/19, mbtmp4.2/14, MS4.2/23,

NEIC 14 05:29:07.0: 3.1, 1645S-17463W, h10km, mb4.7/24, Error
ellipse: s-maj=25.4km s-min=11.4km az=123.0,
GCMT 14 05:29:07.0: 16.859N-17459W, h1km, MW5.0/77,
Moment Tensor Solution, s28, c35: s77, c114: Duration:
0. Moment tensor. Scale 10^16Nm; Mr=0.53±.15;

SGFRF 14 05:29:09.4, 1789S-17803W, h33km, Fiji Islands region
ISCJB 14 05:29:10.4: 0.3, 1639S-009:1749W, 01, h35km, n157,
±1529/51, mb4.5/37, MS4.3/24, 19C-12D, Tonga Islands

IDC 14 05:34:14.0: 10.0, 2276N-10862W, h0km, mb3.0/1,
mb1 3.5/6, mb1mx3.4/24, mbtmp3.2/6, ML3.6/5, MS3.8/8,
Ms1 3.8/8, mb1mx3.5/12, Error ellipse: s-maj=148.9km

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include M14A Sheep Mountain, O11A Cowboy Ranch, P10A Eureka, NVAR Mina Array Bea, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include H13A Challis, M07A Soldier Meadow, F15A Butte, L08A Fields, O04C Chester, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include J05A Joensuu, J05F Joensuu, E09A Wood Farm, J03A Idealy Park, etc.

14d 8h

2007 JUN

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Table with columns for station ID, name, coordinates, elevation, and various signal strength and quality metrics. The table is organized into two main columns of data.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include EBER Berja, EBER Agron, EMAL Malaga-Limoner, etc.

DDA 10 10:24:16.0, 3784N-2753E, h7km, 8km, MD2.8
ISCBJ 10 10:24:16.1±0.5, 3782N-2751E±0.05, h3km, 10km,
Error ellipse: s-maj=7.2km s-min=3.5km az=162.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include GCAM G'zelcam!, GCAM Samos, SMC Milas, etc.

MOS 10 10:41:54.6±1.2, 2302S-6912W, h75km, mb5.6/45, Error
ellipse: s-maj=15.1km s-min=5.8km az=107.5

GUC 10 10:41:56.4±0.8, 2333S-6887W, h101km, 17km, ML5.2
ISCBJ 10 10:41:57.0±0.2, 2302S-003:6891W-003, h104km,
mb5.2/145, Error ellipse: s-maj=4.9km s-min=3.9km
az=35.0

IDC 10 10:41:58.7±0.4, 2295S-6896W, h102km, 2km, mb4.7/15,
mb1.4, 8/20, mb1mx4.8/21, mbtmp4.7/20, MS4.3/17,
Ms1.4/2.17, ms1mx4.1/2.7, Error ellipse: s-maj=13.2km
s-min=5.4km az=84.0

LDG 10 10:41:59.5±0.5, 2243S-6914W, h100km, Mb4.9/8,
Ms4.3/9, Error ellipse: s-maj=42.0km s-min=15.4km
az=178.0

GCMT 10 10:41:59.1±0.1, 2303S-6916W, h114km, MW5.5/91,
Moment Tensor Solution. s87, c149; s91, c156;
Duration: 1s4 Moment tensor: Scale 1017Nm;
Mn-1.15±.03; Mbb-0.52±.03; Mbb1.66±.04; Mo0.20±.02;
Mbb-0.34±.03; Mbb-1.68±.03; Best double couple:
M2, 21600x1017 NP1, 168.000000, 820.000000,
-1.84.000000, NP2, 365.000000, 870.000000,
-1.88.000000, Principal axes: T 2.4590, P1g25.000000,
Az82.000000, N -0.5650, P2g2.000000, Az173.000000, P
-1.9360, P1g65.000000, Az266.000000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.

BUI 10 10:41:59.1, 2300S-6890W, h105km, mb5.3
NEIC 10 10:41:59.1±0.2, 2303S-6892W, mb5.3/129, MW5.5, Error
ellipse: s-maj=7.6km s-min=4.3km az=67.0, Moment
Tensor Solution. s38 Moment tensor: Scale 1017Nm;
Mn-1.16; Mbb-0.43; Mbb1.58; Mo-0.31; Mbb0.95; Mbb-1.41;
Best double couple: M2, 10000x1017 NP1, 16.11.000000,
867.000000, -1.02.000000, NP2, 220.000000,
826.000000, -1.63.000000, Principal axes: T 2.5200,
P1g21.000000, Azm11.000000; N -0.7600, P1g11.000000,
Azm16.000000; P -1.7600, P1g66.000000; Azm260.000000;

NEIC Felt [IV] at Calama and San Pedro de Atacama; [III] at
Sierra Gorda and Tocopilla; [II] at Antofagasta, Mejillones
and Taltal.

ISC 14 10:41:59.7±0.1, 2303S-003:6889W-003, h106km,
h106km, 6km, pp-P, n800, c0576/700, mb5.2/145, 116C-95D,
Northern Chile

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include BCP Grenoble, BCP Fort de France, BCP Cerro la Pandu, etc.

JSC Jenkinsville 58.20 348 eP P 10 51 41.4 -1.2
HKT Hockley 58.70 333 eP P 10 51 45.0 -1.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include HKT Hockley, HKT Hockley, HKT Hockley, etc.

Table with columns: P, PTRM, S08C, 012A, AHID, HVU, HVU, N13A, M14A, V04C, PKD, U05C, Q09A, MLAC, 011A, REDW, KCC, P10A, SNOW, R08A, T06C, LOHW, TPWA, N12A, ELK, ELK, ELK, NVAR, NVAR, NVAR, U04C, MOOV, ULM, ULM, ULM, ULM, U03C, Q08A, DCID, P09A, R07C, IMW, K14A, N11A, M12A, L13A, 010A, T05C, S05C, RLMT, LAO, S06C, HAST, LKWY, LKWY, O09A, YFT, N10A, Q07A, WAKR, R06C, P08A, YNR, M11A, PACP, K13A, YMR, YMR, SCHQ, SCHQ, SCHQ, L12A, CMB, CMB, CMB, SUR, P07A, S04C, TOAO, TOAO, TORO

Table with columns: TORO, TORO, TORO, GCMT, DGMT, QLMT, QLMT, K12A, R05C, M10A, N09A, L11A, BNLO, R04C, J13A, WCN, WENL, PAHR, PAHR, PAHR, N08A, L10A, JRSC, LAVA, M09A, HLID, HLID, BDM, J12A, I13A, P06A, MCMT, K11A, P05C, BOZ, BOZ, BOZ, G15A, N07B, Q04C, DLMT, M08A, BEKR, L09A, MFID, FARB, Q03C, K10A, H13A, CVS, LRM, OHCN, OHCN, F15A, N06A, MCCM, O05C, M07A, SUTB, NSHM, H12A, ORV, L08A, H11A, K09A, G13A, M1NR, J10A, F14A, ELFS, O04C, TSUM, TSUM, E15A, EGMT, EGMT, WVOR, WVOR, L07A, M06C, HOPS, J09A, I10A, F13A, H11A, GASB, D15A

Table with columns: HATC, K07A, MOD, MOD, MOD, H10A, J08A, I09A, M05C, P01C, CHMT, CHMT, CHMT, F12A, E13A, O02C, D14A, MSO, WDC, WDC, WDC, G11A, L05A, I08A, J07A, BMO, K06A, M03C, F11A, M04C, D13A, O01C, K05A, H08A, N02C, C14A, E11A, L04A, I07A, M02C, D12A, YBH, YBH, YBH, YBH, F10A, C13A, I06A, JCC, F09A, J05A, H07A, E10A, D11A, G08A, KTRM, B13A, J04A, F08A, VIPM, H06A, G07A, L02A, WALA, WALA, D10A, M01C, E09A, A13A, FFC, FFC, FFC, FFC, B12A, H05A, I04A, G06A, BOSA, BOSA, BOSA, BOSA, RAR, E08A

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like JIRN, KSRS, KSRN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like LZH, SSE, SSS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like NJ2, XAN, CD2, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like KMI, GYA, GYB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like QIZ, QIZ2, QIZ3, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like MEX, CCIG, SCX, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like WTKA, ASAR, FITZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like CTA, STKA, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like STKA, ASAR, FITZ, etc.

ATH 14 11:39:35.0, 4038N-2204E, h24km, MD3.5/3
ISCJB 14 11:39:38.7, 0.5, 4008N-002.2159E, 0.04, h6km, 5km,
Error ellipse: s-maj=5.5km s-min=3.8km az=159.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like KZN, MEV, THL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like FNA, LIT, BIA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like GRG, OHR, EVR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like STKA, STKA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like JMA, STKA, JAK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like JSCJB, HEL, IDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like VJF, FIAO, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like HFS, NOA, ARCES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like HLW, CSEM, ISCJB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like VLX, DID, ZKR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like IDC, JMA, ISCJB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like OFUJ, OFUJ, JMK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like ASAJ, GUMO, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like GII, SGSS, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like HRFI, EIL, ZFRI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like NEIC, GUC, ROCH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like ROCH, LCOH, JACH, etc.

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

Table with columns: Call Sign, Frequency, Power, Direction, and other details. Includes stations like W19A Sanders, W18A Petrifire, X13A Yucca, W17A Winslow, FMP Fort MacArthur, PLAL Pickwick Lake, W16A Flagstaff, BBRC Big Bear Sol-O, NEE2 Needles Airpor, W15A Williams, BFSC Mount Baldy St, W14A Window Rock, W19A Seligman, W13A Hualapai Mount, GMRC Granite Mount, WUAZ Wupatki, W18A Ganado, DECC Green Verdugo, BLG Laguna Peak, BSC Santa Cruz Isl, SWET Sewanee, JSC Jenkinsville, HEC Hector Ludlow, W12A Cal Nev Ari, W14A Boquillas Ranc, V15A Kaibab Nationa, OSI Osito Adit, EDW2 Edwards Air Fo, CPCT Cooper Cave, U16A Tuba City, TUQ Turquoise Mtn., WVT Waverly, WWT Waverly, W18A Rough Rock, GSC Goldstone, GSC Goldstone, GSC Goldstone, GSC Goldstone, V13A Grand Canyon W, V12A Nelson, TKL Tuckaleechee C, TKL Tuckaleechee C, V11A Goodsprees, ARVC Arvin, U15A North Rim, LRMC Laurel Mountai, U14A Mt Trumbull, SHOC Shoshone, U13A Pakoon Wash, MVCO Mesa Verde, MVCO Mesa Verde, U12A Valley of Fire, T16A Glen Canyon Da, MPMC Manual Prospec, SDCO Great Sand Dun, SDCO Great Sand Dun, T15A Red Dirt Ranch, U10A Ash Meadows, A, VES Vestal, Richgr, T14A Hurricane, PTRM Twisselman Ran, TZTN Tazewell, TZTN Tazewell, DAC Darwin (Calif), DAC Darwin (Calif), CNCC Cliffs of the, CNCC Cliffs of the, FURC Furnace Creek, T13A Saint George, V05C Boulder Hill, V04C Ramage Ranch, SIUC Southern Ilin, CWC Cottonwood Cre, PKD Parkfield, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave.

Table with columns: Call Sign, Frequency, Power, Direction, and other details. Includes stations like FVM French Village, FVM French Village, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, PV01 Paradox Valley, S15A Paragutch, RW3 Ridgway, RW3 Ridgway, CCUT Cedar City, T11A Corn Creek, S13A Holt Ranch, V03C Hunter Liggett, GRAC Grapevine Rang, CBKS Cedar Bluff, CBKS Cedar Bluff, CBKS Cedar Bluff, HELL Mitchell Peak, ARUT Antelope Range, PV10 Paradox Valley, S12A Delamar Ladin, U04C Hernandez Rese, TIN Tinemaha, HAST Hastings Reser, KSU1 Kansas State U, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, T06C Millerton Lake, ELN Prospektade, MSU Marysvale, MSU Marysvale, BLA Blacksburg, S08C White Mtn Res, S09A Goldfield, S09A Snowmass, SAO San Andreas Ge, SAO San Andreas Ge, SAO San Andreas Ge, SAO San Andreas Ge, KCC Kaiser Creek, S10A Tonopah Range, CASY Casey, R12A Pony Springs, Q16A Castle Valley, PACP Pacheco Peak, MLAC Mammoth Lakes, SRU San Rafael, SRU San Rafael, R11A Troy Canyon, S05C Merced, TPH Tonopah, TPH Tonopah, TPH Tonopah, R10A Warm Springs, Q15A Fillmore, R09A Tonopah, BBRS BB Station, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, BNLO Ben Lomond (Sa), TMUT Trail Mountain, MAW Mawson, MAW Mawson, MAW Mawson, MAW Mawson, Q13A Wheeler Ranch, S04C Ingram Canyon, S06C San Francisco, R07C Lee Vining, R11A Duckwater, Q12A Willow Creek R, NVAR Hina Aray Bay, Q10A Clear Creek Ra, WENL Wente Brothers.

Table with columns: Call Sign, Frequency, Power, Direction, and other details. Includes stations like P15A Leamington, CMB Columbia Cole, CMB Columbia Cole, CMB Columbia Cole, CMB Columbia Cole, URVA University of, Q09A Carvers, P13A Bates Ranch, R06C Coleville, Q08A Gabbs, BDM Black Diamond, P12A McGill, R04C Big Horse Ranc, NLU North Lily Min, MPU Maple Canyon, MPU Maple Canyon, P11A Circle Ranch, R05C Kinwood Meado, CBN Corbin, DUG Dugway, DUG Dugway, DUG Dugway, DUG Dugway, DAU Daniels Canyon, DAU Daniels Canyon, MCMC Marconi Confer, P10A Eureka, HDIL Hopedale, HDIL Hopedale, LAVA Lava Cap Winer, P09A Austin, CVS Carmenet Viney, O13A Hicks Ranch, I, Q03C Winters, NSHM Sal Helena R, Q04C Lincoln, MIR Mirny, MIR Mirny, MIR Mirny, CTU Camp Tread, PHWY Pilot Hill, O12A Currie, O11A Cowboy Ranch, WCN Washoe City, P08A Dixie Valley, P07A Fallon, P05C Yuba Gap, Truc, MNRC McLaughlin Nat, N15A Stansbury Isla, O10A Cortez Mining, ACSO Alum Creek Sta, ACSO Alum Creek Sta, PAHR Pah Rah Range, N14A Grayback Hills, O09A Fish Creek Ran, BCU Big Grassy Mou, WGW Mont Chateau, WCVW Mont Chateau, P06A Stead Airport, SUTB Sutter Butte, OHCM Honcut, N13A Wencover, West, RWVY Rawlins, HOPS Hopland, HOPS Hopland, HOPS Hopland, ELK Elko, ELK Elko, ELK Elko, ELK Elko, BMN Battle Mountai, BMN Battle Mountai, BMN Battle Mountai, N12A Clover Valley, O07A Toulon, ORV Oroville, SCIA State Center, SPUT South Promonto, BEKR Beckworth, N11A Elko Archery C.

N10A	Dunphy	77.96 347	↑P	P	13 49 40.9 +0.6
M15A	Larsen Ranch,	78.05 350	P	P	13 49 41.6 +0.8
HWUT	Hardware Ranch	78.08 351	eP	P	13 49 42.1 +1.1
HWUT	comp=Z,958nm,19.0s,M55.1		LR	LR	
SDMD	Soldier's Dell	78.10 18	eP	P	13 49 39.2 -1.9
O05C	Quincy	78.13 344	↑P	P	13 49 41.5 +0.2
M14A	Sheep Mountain	78.21 350	↑P	P	13 49 41.5 -0.2
GASB	Alder Springs	78.27 342	↑P	P	13 49 42.9 +0.9
N09A	Rock Creek Ranch	78.28 346	↑P	P	13 49 43.3 +1.2
N08A	GE Springer Mi	78.33 346	↑P	P	13 49 43.1 +0.7
M12A	Wells	78.37 349	↑P	P	13 49 43.6 +1.0
HVU	Hansel Valley	78.40 350	P	P	13 49 44.5 +1.7
HVU	comp=Z,88nm,1.9s,mb5.4				
HVU	Hansel Valley	78.40 350	eP	P	13 49 40.9 -1.9
O03C	Acorn Hollow,	78.42 343	↑P	P	13 49 43.3 +0.4
N07B	Gerlach	78.49 345	↑P	P	13 49 43.5 +0.2
O04C	Chester	78.51 344	↑P	P	13 49 44.2 +0.8
M11A	Holland Ranch,	78.53 346	↑P	P	13 49 43.6 +0.1
KIPM	Iron Peak	78.61 342	eP	P	13 49 45.9 +1.9
N06A	Buffalo Meadow	78.64 345	↑P	P	13 49 44.3 +0.2
ELFS	Eagle Lake Fire	78.72 344	↑P	P	13 49 44.9 +0.4
M10A	L.L. Ranch, Tu	78.75 347	↑P	P	13 49 45.0 +0.4
MVL	Millersville	78.78 18	eP	P	13 49 42.7 -2.1
O02C	Red Bluff	78.78 342	↑P	P	13 49 45.1 +0.3
M09A	Marrel Ranch,	78.82 347	↑P	P	13 49 44.9 -0.1
L13A	Double Diamond	78.88 349	↑P	P	13 49 45.3 -0.1
BW06	Boulder Array	78.99 353	eP	P	13 49 43.4 -2.5
BW06	comp=Z,21um,19.0s,M55.3		LR	LR	
PDAR	Pinedale Arr	79.09 353	P	P	13 49 43.8 -2.2
PDAR	comp=Z,20nm,1.0s,mb5.0,baz=150,slow=6.3,SNR=25				
PDAR	PKKPCb				14 08 37.1 -3.3
PDAR	comp=Z,0.9nm,0.8s,baz=42,slow=2.4,SNR=5.7				14 19 21.3
O01C	Eel River Cons	79.00 342	↑P	P	13 49 46.3 +0.2
M08A	Happy Creek Ra	79.02 346	↑P	P	13 49 46.9 +0.7
LBCM	Butte Creek Ri	79.06 344	↑P	P	13 49 47.0 +0.6
HATC	Hat Creek Radi	79.07 344	↑P	P	13 49 46.7 +0.3
L12A	House Creek Ra	79.10 349	↑P	P	13 49 47.2 +0.7
WDC	Whiskeytown Da	79.10 343	eP	P	13 49 46.2 -0.4
WDC	comp=Z,43nm,1.1s,mb5.3				
WDC	comp=Z,1um,21.0s,M55.2		MLR	MLR	
WDC	Whiskeytown Da	79.10 343	↑P	P	13 49 47.0 +0.4
WDC	comp=Z,43nm,1.1s,mb5.3				
WDC	Whiskeytown Da	79.10 343	eP	P	13 49 46.2 -0.5
WDC	comp=Z,43nm,1.1s,mb5.3				
JFWS	Jewell Farm	79.14 7	eP	P	13 49 45.1 -1.7
JFWS	comp=Z,20nm,0.8s,mb5.1				
JFWS	comp=Z,21um,21.0s,M55.4		MLR	MLR	
JFWS	Jewell Farm	79.14 7	eP	P	13 49 45.1 -1.7
JFWS	comp=Z,20nm,0.8s,mb5.1				
AHID	Auburn Hatcher	79.16 352	PFAKE	LR	13 50 00.0 +1.3
K14A	Jones Ranch, D	79.21 350	↑P	P	13 49 47.9 +0.7
M06C	Likely Place G	79.22 344	↑P	P	13 49 47.8 +0.6
L11A	Cat Creek Ranc	79.24 348	↑P	P	13 49 48.1 +0.8
L10A	Juniper Basin	79.27 348	P	P	13 49 47.9 +0.4
KIP	Kipapa	79.31 306	PFAKE	LR	13 50 00.0 +1.2
L09A	Wilkinson Ranc	79.43 347	↑P	P	13 49 48.9 +0.5
AAM	Ann Arbor	79.44 12	eP	P	13 49 46.5 -1.9
AAM	comp=Z,76nm,0.8s,mb5.7				
AAM	comp=Z,2um,22.0s,M55.3		MLR	MLR	
AAM	Ann Arbor	79.44 12	eP	P	13 49 46.5 -1.9
AAM	comp=Z,76nm,0.8s,mb5.7				
K13A	Stover Farm, H	79.44 349	↑P	P	13 49 49.0 +0.5
ALLY	Alegheny Cole	79.47 15	eP	P	13 49 47.5 -1.1
M05C	Lookout Array	79.52 344	↑P	P	13 49 48.8 -0.1
N02C	Big Bar	79.52 342	↑P	P	13 49 49.4 +0.5
ECSD	EROS,Stoux Fal	79.52 2	eP	P	13 49 47.3 -1.5
ECSD	comp=Z,43nm,1.1s,mb5.3				
K12A	Draper Farm, C	79.56 349	P	P	13 49 50.0 +0.9
M03C	McCloud	79.66 343	↑P	P	13 49 49.7 0.0
JCC	Jacoby Creek	79.69 342	↑P	P	13 49 50.6 +0.7
REDW	Red Top Meadow	79.72 352	eP	P	13 49 48.8 -1.2
L08A	Fields	79.73 346	P	P	13 49 51.0 +1.0
L07A	Adell	79.76 345	↑P	P	13 49 51.1 +1.0
SNOW	Snow King Moun	79.81 352	eP	P	13 49 51.1 +0.7
LASM	Arnica Sink	79.84 344	↑P	P	13 49 51.5 +0.8
MOD	Modoc	79.85 345	↑P	P	13 49 51.7 +1.1
MOD	modoc	79.85 345	eP	P	13 49 50.7 0.0
MOD	comp=Z,59nm,1.2s,mb5.4				
TPAW	Teton Pass	79.86 352	eP	P	13 49 49.9 -0.8
K11A	Parker Ranch,	79.87 348	↑P	P	13 49 51.4 +0.6
L0HW	Long Hollow	79.94 352	eP	P	13 49 51.4 +0.3
RSSD	Black Hills	79.94 357	eP	P	13 49 49.5 -1.6
RSSD	comp=Z,63nm,1.5s,mb5.3				
RSSD	comp=Z,2um,19.0s,M55.4		MLR	MLR	
RSSD	Black Hills	79.94 357	eP	P	13 49 49.5 -1.6
RSSD	comp=Z,63nm,1.5s,mb5.3				
M02C	Callahan	79.94 343	P	P	13 49 52.4 +1.1
ERPA	Erie	79.95 15	eP	P	13 49 50.0 -1.3
ERPA	comp=Z,38nm,0.9s,mb5.3				

DCID1	Drake Creek	79.99 352	eP	P	13 49 53.1 +1.7
WVOR	Wild Horse Val	80.02 346	eP	P	13 49 52.3 +0.7
WVOR	comp=Z,29nm,1.1s,mb5.1				
WVOR	comp=Z,802nm,22.0s,M55.0		MLR	MLR	
WVOR	Wild Horse Val	80.02 346	eP	P	13 49 52.3 +0.7
WVOR	comp=Z,29nm,1.1s,mb5.1				
K10A	MacKenzie Ranc	80.02 347	P	P	13 49 52.4 +0.8
M04C	Macdoel	80.08 344	↑P	P	13 49 52.1 +0.2
M00W	Moose Ponds	80.09 352	eP	P	13 49 51.9 -0.1
K09A	Rome	80.10 347	↑P	P	13 49 52.5 +0.5
L05A	Lakeview	80.10 344	↑P	P	13 49 52.2 +0.2
J12A	Stokes Ranch,	80.19 349	P	P	13 49 53.1 +0.6
J13A	Cove Ranch, Pi	80.19 349	P	P	13 49 52.9 +0.4
YBH	Yreka Blue Hor	80.23 343	LR	LR	14 17 21.4
YBH	Yreka Blue Hor	80.23 343	eP	P	13 49 52.5 -0.2
YBH	comp=Z,32nm,1.2s				
YBH	comp=Z,1um,21.0s		MLR	MLR	
YBH	Yreka Blue Hor	80.23 343	↑P	P	13 49 52.6 -0.1
YBH	Yreka Blue Hor	80.23 343	eP	P	13 49 52.5 -0.2
YBH	comp=Z,32nm,1.2s,mb5.1				
IMW	Indian Meadow	80.26 352	eP	P	13 49 50.1 -2.7
TAU	Tasmania Univ	80.34 223	PFAKE	LR	13 50 00.0 +6.3
HLID	Hailey	80.39 349	↑P	P	13 49 53.6 0.0
HLID	Hailey	80.39 349	eP	P	13 49 51.9 -1.6
HLID	comp=Z,60nm,1.1s,mb5.4				
K07A	Rock Creek Ran	80.39 346	↑P	P	13 49 53.6 +0.1
L04A	Klamath Fe	80.46 344	↑P	P	13 49 53.3 -0.7
MFID	Camas Ranch	80.47 348	↑P	P	13 49 53.7 -0.2
J10A	Beag Farm, Mel	80.64 348	↑P	P	13 49 54.9 0.0
BUOR	Burton Butte	80.64 343	P	P	13 49 56.2 +1.3
M01C	Crescent City	80.69 342	↑P	P	13 49 55.1 -0.1
I13A	Wildhorse Cree	80.69 350	↑P	P	13 49 55.5 +0.4
K06A	Valley Falls	80.70 345	↑P	P	13 49 55.0 -0.2
J09A	Fry Pan Ranch,	80.73 347	↑P	P	13 49 55.3 -0.1
K05A	Summer Lake	80.77 344	↑P	P	13 49 56.3 +0.7
YFT	Old Faithful	80.79 352	eP	P	13 49 58.4 +2.7
L02A	Cant Junction	80.85 342	↑P	P	13 49 55.9 -0.1
LKWY	Lake	80.86 352	eP	P	13 49 59.5 +3.5
LKWY	comp=Z,15nm,1.1s,mb4.8				
LKWY	comp=Z,2um,19.0s,M55.4		MLR	MLR	
LKWY	Lake	80.86 352	eP	P	13 49 59.5 +3.4
LKWY	comp=Z,15nm,1.1s,mb4.8				
J08A	Circle Bar Ran	80.88 346	↑P	P	13 49 56.3 +0.1
BINY	Binghamton	80.94 18	eP	P	13 49 54.0 -2.5
BINY	comp=Z,32nm,0.9s,mb5.2				
I11A	Placerville	80.97 348	↑P	P	13 49 57.0 +0.4
J07A	Hines	81.06 346	↑P	P	13 49 57.5 +0.3
HUMO	Hull Mountain	81.12 343	↑P	P	13 49 57.5 0.0
HUMO	Hull Mountain	81.12 343	eP	P	13 49 58.0 +0.5
HUMO	comp=Z,35nm,1.3s,mb5.1				
QLMT	Paythquake Lak	81.24 352	eP	P	13 49 58.6 +0.5
I10A	Payette	81.28 348	↑P	P	13 49 58.8 +0.5
RLMT	Red Lodge	81.30 353	eP	P	13 49 57.1 -1.2
RLMT	comp=Z,28nm,1.0s,mb5.2				
I09A	Lost Marbles R	81.34 347	↑P	P	13 49 59.9 +0.9
H13A	Challis	81.34 350	↑P	P	13 49 59.3 +0.7
J05A	Fort Rock	81.37 344	↑P	P	13 49 59.0 +0.2
H12A	Diamond D Ranc	81.42 349	↑P	P	13 49 59.4 +0.4
I08A	Drewsey	81.43 346	↑P	P	13 49 59.4 +0.4
J04A	Umpqua Nationa	81.52 344	↑P	P	13 50 00.3 +0.7
K01A	Sixes	81.68 342	↑P	P	13 50 01.2 +0.7
G15A	Dillon	81.69 351	↑P	P	13 50 01.5 +1.1
KEBM	Edson Butte	81.70 342	eP	P	13 50 02.7 +2.1
GLMI	Graying	81.74 11	PFAKE	LR	13 50 10.0 +9.3
H11A	Donnelly	81.75 348	↑P	P	13 50 01.0 +0.3
H10A	Noah's Angus R	81.76 348	↑P	P	13 50 01.1 +0.3
I07A	Ize	81.78 346	↑P	P	13 50 01.1 +0.2
G06A	Prineville	81.79 345	↑P	P	13 50 01.4 +0.4
ASCN	Ascension	81.79 94	PFAKE	LR	13 50 10.0 +8.1
G13A	Cobalt	81.86 350	↑P	P	13 50 01.4 0.0
DLMT	Dillon	81.90 351	eP	P	13 50 02.9 +1.4
QUA2	Belchertown	81.98 20	eP	P	13 49 59.6 -2.4
J02A	Umpqua	81.98 343	↑P	P	13 50 02.4 +0.4
GCMT	Greycliff	82.00 353	eP	P	13 50 03.0 +1.0
H08A	Prairie City	82.04 347	↑P	P	13 50 02.6 +0.4
BOZ	Bozeman (W)	82.06 352	eP	P	13 50 00.7 -1.7
BOZ	comp=Z,23nm,1.3s,mb5.0				
BOZ	comp=Z,1um,22.0s,M55.2		MLR	MLR	
BOZ	Bozeman (W)	82.06 352	↑P	P	13 50 03.0 +0.6
BOZ	Bozeman (W)	82.06 352	eP	P	13 50 00.7 -1.7
BOZ	comp=Z,24nm,1.3s,mb5.0				
BMO	Blue Mountains	82.11 348	eP	P	13 50 04.1 +1.4
I04A	Tendick Farm,	82.12 344	↑P	P	13 50 02.3 -0.5
H07A	Lands Inn, Kim	82.28 346	↑P	P	13 50 03.4 -0.2
F15A	Butte	82.36 351	↑P	P	13 50 04.4 +0.4
WES	Weston	82.37 21	PFAKE	LR	13 50 10.0 +5.9
COWI	Conover	82.41 8	eP	P	13 50 02.8 -1.4

COWI	comp=Z,2um,22.0s,M55.4		LR	LR	
HRV	Adam Dzewiosk	82.41 21	PFAKE	LR	13 50 20.0 +1.6
F14A	Wisdom	82.44 351	↑P	P	13 50 04.4 +0.1
I03A	Eugene	82.49 343	↑P	P	13 50 05.0 +0.4
F13A	Darby	82.56 350	↑P	P	13 50 05.1 +0.2
H06A	Lindquist Farm	82.57 345	P	P	13 50 06.2 +1.1
LAO	LASA Array	82.62 356	eP	P	13 50 05.9 +0.6
LAO	comp=Z,92nm,1.1s,mb5.7				
I02A	Mapleton	82.65 343	↑P	P	13 50 06.5 +1.0
F12A	Elk City	82.66 349	P	P	13 50 06.4 +0.9
H05A	Madras	82.67 345	↑P	P	13 50 06.3 +0.7
G08A	Pilot Rock	82.83 347	↑P	P	13 50 07.7 +1.2
H04A	Detroit Lake	82.91 344	P	P	13 50 07.0 +0.1
F11A	Granville	82.93 349	P	P	13 50 07.6 +0.7
G07A	Ruggs Ranch, H	82.95 346	↑P	P	13 50 07.3 +0.3
E15A	Deer Lodge	82.95 351	↑P	P	13 50 08.3 +1.3
F09A	S2 Ranch, Elgi	83.05 347	↑P	P	13 50 08.3 +0.7
NCB	Newcomb	83.05 18	eP	P	13 50 05.0 -2.6
NCB	comp=Z,26nm,0.8s,mb5.3				
MPOR	Mary's Peak	83.05 343	P		

14d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D05A, C08A, C07A, D04A, B12A, NEW, etc.

2007 JUN

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

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

Table with columns for flight codes (e.g., OKC, KVC, VYH), destinations (e.g., AMS, ANA, BDT), times, and performance metrics (e.g., 13.56, 57.3, -1.8).

Table with columns for flight codes (e.g., ANN, ANA, MAL), destinations (e.g., Anapa, Malaya, Dalian), times, and performance metrics (e.g., 146.94, 73.0, 147.13).

Table with columns for flight codes (e.g., MAK, BDT, HHC), destinations (e.g., Bhumibol Dam, Hu-ho-hao-te), times, and performance metrics (e.g., 154.82, 227.0, 154.99).

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, SOMM Songoing Array, ZALV Zalesovo Beam, etc.

NEIC 14:14:39:08.0, 1933N:15513W, h10km, MD3.5(HVO), After HVO, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STCH Steam Cracks, HPO Honoapoo, KHU Kahuku, etc.

NEIC 14:14:11:19.3:0.6, 1543Sx71.16W, h10km, mb4.5/7, Error ellipse: s-maj=19.8km s-min=11.1km az=83.0

ISCJB 14:14:12:20.6:0.5, 1544S:005x71.0W, 0.1, h33km, mb4.3/13, Error ellipse: s-maj=15.8km s-min=7.8km az=3.7

IDC 14:14:11:33.4:2.6, 1513Sx70.11W, h12km, 26km, mb3.6/7, s-maj13.6km s-min3.6km mb3.6/9, Error ellipse: s-maj=31.9km s-min=19.6km az=74.0

ISC 14:14:23:1.0:5, 1548S:006x71.1W, 0.1, h35km, n22, s145/21, mb4.3/13, AC, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, SIV San Ignacio, etc.

BJJ 14:14:49:53.1, 1011N:12555E, h33km, mb5.5, mb5.6, Ms5.3, Ms5.1

ISCJB 14:14:49:53.8:0.7, 1038N:002x12535E:002, h15km, 4km, mb5.4/142, MS5.1/163, Error ellipse: s-maj=3.4km s-min=2.8km az=168.5

NEIC 14:14:49:54.1:0.2, 1038N:12531E, h10km, mb5.4/79, MS5.1/117, Error ellipse: s-maj=5.5km s-min=3.9km az=78.0

NEIC Felt [V PIVS] at Saint Bernard, San Francisco and San Juan; [V PIVS] at Hinunangan, Hinundayan, Maasin and Siago; [IV PIVS] at Dulag; [III PIVS] at Palo; [II PIVS] at Tacloban. Also [I PIVS] at Surigao, Mindanao and [I PIVS] at Cebu City, Cebu

MOS 14:14:49:54.6:1.0, 1036N:12529E, h26km, mb5.6/61, MS5.0/34, Error ellipse: s-maj=9.1km s-min=4.8km az=110.9

GCMT 14:14:49:54.1:0.2, 1046N:12529E, h18km, MW5.5/100, Moment Tensor Solution. s65,c83; s100,c185; Duration: 1s4 Moment tensors: Scale 10^17Nm; M0=0.07±.05; M2=2.33±.04; M3=2.40±.05; M4=0.21±.11; M5=0.62±.03; M6=0.67±.12; Best double couple: M2.53400x10^17 Np1.9x141.00000°, δ78.00000°, λ=8.00000°; NP2.233.00000°, δ82.00000°, λ=168.00000°; Principal axes: T 211.0, P1g3.00000°, Azm7.00000°; N 0.23600, P1g78.00000°, Azm264.00000°; P -2.6530, P1g14.00000°, Azm98.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MAN 14:14:49:55, 1035N:12517E, h12km, mb5.6, ML4.7, MS5.0

MAN INTENSITY VI - ST BERNARD, SAN FRANCISCO, SAN JUAN, SOUTHERN LEYTE; INTENSITY V - HINUNDAYAN LEYTE, HINUNDAYAN, MAASIN, SOUTHERN SILAGO

IDC 14:14:49:57.8:4.5, 1037N:12522E, h33km, 35km, mb5.1/27, mb1.5/129, mb1mx5.1/30, mbtmp5.1/29, ML4.5/2, MS4.9/27, MS14.9/27, ms1mx4.8/43, Error ellipse: s-maj=16.7km s-min=9.9km az=82.0

SZGRF 14:14:49:59.9, 1007N:12422E, h33km, mb5.4, MS5.3, Leyte, Philippine Islands

DJA 14:14:50:01, 1042N:12547E, h45km, mb5.4/44

ISC 14:14:49:54.8:0.5, 1037N:002x12532E:002, h12km, 3km, h37km, 2.4km; pP-P, n638, s117/554, mb5.4/142, MS5.1/163, 73C-26D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLP Maasin, SCPH Surigao, PALO Palo, OCLP Ormoc, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUIM Roxas, PAGZ Pagadian, DAV Davao City (W), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHN comp=E,10um,16.5s,MS5.5, KTMG Kuala Trenggan, KKTG Khon Kaen, etc.

Table with columns for station codes (e.g., CD2, BJT, WRAB), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNRf).

Table with columns for station codes (e.g., GTA, ASAJ, LSA, HIA), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNRf).

Table with columns for station codes (e.g., CLNS, Chul'man, DDI, NDI), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNRf).

KURK	Kurchatov	55.46 326 P	P	14 59 29.9 +0.6	HOQ	Hoqain	65.85 291 P	P	15 00 41.0 +0.3	KIV	Kislovodsk	77.60 313 P	P	15 01 49.5 -1.5
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HOQ	Hoqain	65.85 291 P	P	15 00 41.0 +0.3	KIV	Novokhopersk	78.06 320 eP	P	15 01 57.5 +4.1
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HOQ	Hoqain	65.85 291 P	P	15 00 41.0 +0.3	VRHR	VRHR	comp=Z,20nm,0.7s,mb5.2	Pmax	Pmax
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	AFI	Afiama	66.89 110 LR	LR	15 24 36.6	VRHR	VRHR	comp=N,20nm,0.7s	Pmax	Pmax
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	AFI	Afiama	66.89 110 LR	LR	15 01 00.0 +13	SLMK	Skilak Lake	78.33 30 eP	P	15 01 53.7 -1.0
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	PMR	Palmer	78.78 29 eP	P	15 01 52.8 -4.7
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	PMR	Palmer	comp=Z,31nm,1.0s,mb5.2	Pmax	Pmax
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	PMR	Palmer	78.84 29 eP	P	15 01 58.0 +0.5
KURK	Kurchatov	55.46 326 P	P	14 59 29.2 0.0	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	MCK	McKinley	78.90 27 P	P	15 01 57.3 -0.5
KURK	Kurchatov	55.46 326 P	P	14 59 29.1 -0.2	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	MCK	McKinley	comp=Z,64nm,0.8s,mb5.6	Pmax	Pmax
KURK	Kurchatov	55.46 326 P	P	14 59 28.6 -0.6	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	MCK	McKinley	78.90 27 eP	P	15 01 57.1 -0.6
DGAR	Diego Garcia	55.52 254 PFAKE	LR	14 59 40.0 +10	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	SML	Sawmill	79.22 29 eP	P	15 01 59.3 -0.3
DGAR	Diego Garcia	55.52 254 PFAKE	LR	14 59 40.0 +10	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	COLA	College	79.35 26 eP	P	15 01 59.8 -0.4
SEY	Seyman	55.96 150 P	P	14 59 36.9 +4.3	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	COLA	College	comp=Z,15nm,0.8s,mb5.0	P	15 01 59.8 -0.4
MIDW	Midway	56.43 63 PFAKE	LR	14 59 50.0 +13	HATD	Hatta, Dubai	66.90 293 P	P	15 00 48.0 +0.6	VORD	Divnogorie	79.54 320 eP	P	15 01 59.4 -2.1
MIDW	Midway	56.43 63 PFAKE	LR	14 59 50.0 +13	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VORD	VORD	comp=Z,10.0nm,1.0s,mb4.7	Pmax	Pmax
KBL	Kabul	56.51 305 P	P	14 59 36.5 -0.6	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VORD	VORD	comp=N,10.0nm,0.6s	Pmax	Pmax
TAU	Tasmania Univ	56.70 161 eP	P	14 59 37.2 -1.0	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VORD	VORD	comp=N,10.0nm,0.6s	Pmax	Pmax
TAU	Tasmania Univ	56.70 161 eP	P	14 59 37.2 -1.0	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	TMCR	Tamitsa	79.56 334 eP	P	15 01 59.7 -1.7
TAU	Tasmania Univ	56.70 161 eP	P	14 59 37.2 -1.0	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	TMCR	Tamitsa	comp=Z,46nm,0.8s,mb5.5	Pmax	Pmax
KK31	Karatay Array	57.52 315 P	P	14 59 43.6 -0.5	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VRSR	Storozhevo	79.59 320 eP	P	15 01 59.8 -2.0
KK31	Karatay Array	57.52 315 P	P	14 59 43.6 -0.5	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VRSR	VRSR	comp=Z,5.0nm,1.1s,mb5.4	Pmax	Pmax
SMY	Shemya	57.58 331 eP	Pmax	14 59 45.2 +0.9	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VRSR	VRSR	comp=N,2.0nm,0.8s	Pmax	Pmax
SMY	Shemya	57.58 331 eP	Pmax	14 59 45.2 +0.9	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	VRSR	VRSR	comp=N,2.0nm,0.8s	Pmax	Pmax
SMY	Shemya	57.58 331 eP	Pmax	14 59 45.2 +0.9	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	SOC	Sochi	79.77 313 eP	P	15 02 04.9 +1.9
SMY	Shemya	57.58 331 eP	Pmax	14 59 45.2 +0.9	ASHO	Ashiyah	66.97 292 P	P	15 00 48.5 +0.7	SOC	Sochi	comp=E,4.0nm,0.7s	eS	15 12 07.7 +2.0
SMY	Shemya	57.58 331 eP	Pmax	14 59 45.2 +0.9	NIKO	Nikolski	67.29 37 eP	P	15 00 49.6 +0.3	SOC	Sochi	comp=Z,1.1nm,17.0s,MS5.2	MLR	MLR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 -0.1	RAO	Raou Island	67.40 128 LR	LR	15 29 34.2	RAR	Rarotonga	79.94 114 PFAKE	LR	15 02 20.0 +1.6
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RAO	Raou Island	67.40 128 PFAKE	LR	15 01 00.0 +10	RAR	Rarotonga	comp=Z,2.0nm,19.0s	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RAO	Raou Island	67.40 128 LR	LR	15 01 00.0 +10	MOS	Moscow	80.22 325 eP	P	15 02 02.6 -2.5
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RAO	Raou Island	67.40 128 LR	LR	15 01 00.0 +10	MOS	Moscow	comp=Z,2.2nm,22.0s,MS5.3	MLR	MLR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	SVE	Sverdlovsk	67.63 327 eP	P	15 00 51.0 -0.4	MIR	Mirnyy	80.27 193 eP	P	15 02 03.0 -2.0
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	SVE	Sverdlovsk	67.63 327 eP	P	15 00 51.0 -0.4	MIR	Mirnyy	comp=Z,100nm,0.8s,mb5.8	Pmax	Pmax
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	SVE	Sverdlovsk	67.63 327 eP	P	15 00 51.0 -0.4	DIV	Divide	80.48 29 eP	P	15 02 08.8 +2.3
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	SVE	Sverdlovsk	67.63 327 eP	P	15 00 51.0 -0.4	DIV	Divide	comp=Z,41nm,0.8s,mb5.4	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	AKTO	Aktubinsk	67.65 320 P	P	15 00 50.6 -1.1	DIV	Divide	comp=Z,1.1nm,21.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	EYAK	Lovozero Ski Ar	80.53 30 P	P	15 02 04.4 -2.3
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	80.73 337 PFAKE	LR	15 02 20.0 +1.2
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks	67.99 146 P	P	15 00 53.8 0.0	LVZ	Lovozero	comp=Z,1.1nm,19.0s,MS5.2	LR	LR
BRVK	Borovyne	61.13 326 P	P	15 00 08.8 0.0	RPZ	Rata Peaks								

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, MNK, SIT, KIS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TREC, PRU, BRG, CLM, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tazewell, Blacksburg, Corbin, Dimbokro, etc.

IDC 14 15:03:58.4.2.4, 2395S...11194W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.9/14, mbtmp3.8/3, Error ellipse: s-maj=87.2km s-min=39.8km az=29.0, Easter Island region

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

DJA 14 15:03:13, 3095N; 13731E, h433km, mb4.7/12 MOS 14 15:03:14.4.0.9, 3076N; 13733E, h471km, mb4.4/49, Error ellipse: s-maj=9.9km s-min=5.7km az=105.5

JMA 14 15:03:14.8.0.3, 3038N; 13769E, h507km, mb4.0, M5.1 BUJ 14 15:03:15.7, 3038N; 13741E, h491km, mb5.3, mb4.9 NEIC 14 15:03:15.9, 3137N; 13734E, mb4.4/66, Error ellipse: s-maj=4.3km s-min=3.5km az=133.0

ISCJJB 14 15:03:16.7.0.2, 3088N; 003.13733E, h487km, mb2km, mb4.3/104, Error ellipse: s-maj=4.6km s-min=2.9km az=148.9

IDC 14 15:03:16.5.0.6, 3083N; 13732E, h482km, mb3.8/23, mb1 4.0/28, mb1mx4.0/32, mbtmp3.9/28, Error ellipse: s-maj=10.3km s-min=6.5km az=80.0

ISC 14 15:03:17.6.0.2, 3088N; 003.13736E, h487km, mb2km, h479km, s.3km; pP-P, n490, c687/534, mb4.3/104, 79C-87D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tokai 1, Kozaga, Hachijo jima 2, etc.

Main table with columns: MJAR, JAG, JUC, JNU, etc. Includes station names like Ashikaga, Iuzumi, Nakatsue, etc.

Main table with columns: SONM, Songino Array, Kunming, etc. Includes station names like Songino Array, Kunming, Lahad Datu, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like KZA Kyzart, USP Osenovka, WRAB Tennant Creek, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like E11A Bogner Ranch, NB2 NORSTAR Subarra, NOA NORSTAR Array B, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Kamakawa 2, Asahikawa, and various international stations.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like IMA2, SML, KMI, and various international stations.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like STHS, Stebnicka Huta, and various international stations.

OZH		AP	pP	17 49 23.3	+0.5
OZH		S	S	17 55 38.3	-2.7
OZH		AMB	AMB		
OZH	comp=Z,300nm,1.0s,mb6.0	LR	LR		
OZH	comp=N,7um,23.2s,MS5.7	LR	LR		
OZH	comp=E,8um,21.0s,MS5.7	LR	LR		
OZH	comp=Z,5um,22.1s,MS5.5	LR	LR		
MIDW	Midway	45.08 40	PFAKE	17 49 30.0	+1.3
MIDW	comp=Z,2um,19.0s,MS5.0	LR	LR		
YMSI	Christmas Isia	45.69 261	eP	17 49 22.3	0.0
SSE	Sheshan	46.69 323	AP	17 49 30.3	+0.5
SSE			AP	17 49 41.8	-0.5
SSE			XP	17 49 46.4	-1.1
SSE			PP	17 51 19.1	-1.2
SSE			S	17 56 16.5	+0.1
SSE			XS	17 56 37.4	+0.3
SSE			AMB		
SSE	comp=Z,91nm,1.9s,mb5.4	AMB	AMB		
SSE	comp=Z,737nm,6.8s	LR	LR		
SSE	comp=N,3um,23.8s,MS5.3	LR	LR		
SSE	comp=E,3um,23.9s,MS5.3	LR	LR		
SSE	comp=Z,5um,22.8s,MS5.4	LR	LR		
GZH	Guangzhou	47.03 309	P	17 49 34.4	+1.7
GZH			S	17 56 28.1	+6.6
GZH	comp=N,1um,24.0s,MS5.2	LR	LR		
GZH	comp=E,3um,23.1s,MS5.2	LR	LR		
GZH	comp=Z,7um,22.8s,MS5.5	LR	LR		
QIZ	Qiongzong	47.88 302	P	17 49 39.8	+0.5
QIZ			AP	17 49 52.6	+0.9
QIZ			XP	17 49 59.4	+2.4
QIZ			PP	17 51 31.8	+0.2
QIZ			S	17 56 32.6	-1.0
QIZ			XS	17 56 57.6	+3.2
QIZ			SS	18 00 05.3	+2.4
QIZ			AMB		
QIZ	comp=Z,61nm,1.1s,mb5.5	AMB	AMB		
QIZ	comp=Z,833nm,8.9s	LR	LR		
QIZ	comp=N,2um,27.5s,MS5.2	LR	LR		
QIZ	comp=E,3um,25.5s,MS5.2	LR	LR		
QIZ	comp=Z,8um,25.5s,MS5.6	LR	LR		
QIZ	comp=Z,50nm,0.8s,mb5.6	LR	LR		
ERM	Ermo	48.08 352	PFAKE	17 49 50.0	+1.0
ERM	comp=Z,2um,20.0s,MS5.1	LR	LR		
MYKOH	Kota Tinggi	48.24 277	AP	17 49 42.8	+0.6
KSR5	Korea Array	48.24 335	P	17 49 41.5	-0.2
KSR5	comp=Z,19nm,1.1s,mb5.0,baz=150,slow=7.9,SNR=25	PcP	PcP	17 51 08.6	+0.2
KSR5	comp=Z,9.7nm,0.9s,baz=158,slow=5.8,SNR=18	S	S	17 54 59.5	-0.1
KSR5	comp=Z,4.3nm,0.9s,baz=131,slow=5.3,SNR=6.5	ScP	ScP	18 09 04.7	
KSR5	comp=Z,2um,20.6s,MS5.0,baz=138,slow=35	LR	LR		
NJ2	Nanjing	48.77 322	eP	17 49 47.4	+1.5
NJ2			AP	17 49 59.8	+1.4
NJ2			XP	17 50 05.1	+1.4
NJ2			PP	17 51 40.9	+1.4
NJ2			S	17 56 46.0	+0.1
NJ2	comp=Z,830nm,12.0s	LR	LR		
NJ2	comp=N,11um,23.8s	LR	LR		
NJ2	comp=E,6um,18.6s	LR	LR		
KGM	Kluang	48.80 278	AP	17 49 47.4	+0.9
INCN	Inchon	48.83 334	P	17 49 47.0	+0.7
INCN	SNR=8.3	P	P	17 49 47.0	+0.7
INCN	Inchon	48.83 334	P	17 49 47.0	+0.7
INCN	SNR=8.3	P	P	17 49 47.0	+0.7
INCN	Inchon	48.83 334	P	17 49 47.0	+0.7
INCN	SNR=8.3	P	P	17 49 47.0	+0.7
INCN	Inchon	48.83 334	P	17 49 47.0	+0.7
INCN	SNR=8.3	P	P	17 49 47.0	+0.7
INCN	Inchon	48.83 334	P	17 49 47.0	+0.7
INCN	SNR=8.3	P	P	17 49 47.0	+0.7
INCN	Inchon	48.83 334	eP	17 49 46.4	+0.1
INCN	comp=Z,254nm,1.4s,mb6.1	e	LR	17 50 03.8	
RAR	Rarotonga	49.55 113	P	17 49 51.7	-0.5
RAR	comp=Z,52nm,1.1s,mb5.5,baz=217,slow=8.2,SNR=5.1	P	P	17 49 51.7	-0.5
RAR	Rarotonga	49.55 113	LR	LR	
KTGM	Kuala Trenggan	49.59 282	AP	17 49 53.2	+0.6
WHN	Wuhan	50.66 318	AP	17 50 01.8	+1.5
WHN			S	17 57 10.3	-2.0
WHN	comp=N,4um,20.6s,MS5.7	LR	LR		
WHN	comp=E,8um,21.3s,MS5.7	LR	LR		
WHN	comp=Z,9um,21.2s,MS5.8	LR	LR		
IPM	Iph	51.48 280	AP	17 50 06.7	-0.1
KULM	Kulim	52.00 281	AP	17 50 10.4	-0.3
KULM	Kulim	52.00 281	eP	17 50 08.6	-2.1
KULM			eP	17 51 22.6	-0.1
DL2	Dalian	52.31 331	AP	17 50 12.4	-0.1
DL2			AP	17 50 25.6	+0.5
DL2			PcP	17 51 22.5	-0.8
DL2			S	17 57 34.3	-0.5
DL2			SS	18 01 13.3	+0.1
DL2	comp=Z,30nm,1.2s,mb5.1	AMB	AMB		
DL2	comp=Z,280nm,7.1s	LR	LR		
DL2	comp=N,1um,21.2s,MS5.0	LR	LR		
DL2	comp=E,810nm,22.1s,MS5.0	LR	LR		
DL2	comp=Z,2um,21.9s,MS5.1	LR	LR		
TIA	Tai'an	52.71 325	AP	17 50 15.1	-0.4
TIA			AMB		
YSS	Yuzh-Sakhalins	52.98 352	eP	17 50 15.0	-2.3
YSS			eP	17 52 16.0	
YSS			S	17 57 38.0	-5.6
YSS			eP	17 57 54.0	
YSS			e	18 03 06.0	
YSS	comp=N,600nm,17.0s	MLR	MLR		
YSS	comp=Z,600nm,17.0s,MS4.7	MLR	MLR		
YSS	Yuzh-Sakhalins	52.98 352	eP	17 50 14.4	-2.9
YSS	comp=Z,8.1nm,0.8s,mb4.7	eP	P	17 50 34.0	
YSS			ePcP	17 51 25.1	-0.5
YSS			ScP	17 55 19.0	-0.6
YSS			LR		
SNY	Shenyang	53.74 334	AP	17 50 22.8	-0.2
SNY			AMB		
SNY	comp=Z,10.0nm,1.6s,mb4.5	AMB	AMB		
SNY	comp=Z,550nm,9.0s	LR	LR		

SNY	comp=E,2um,19.3s	LR	LR		
MDJ	comp=Z,2um,28.6s	LR	LR		
Mudanjiang	53.82 341	P	P	17 50 22.6	-0.9
MDJ		AP	pP	17 50 36.3	+0.1
MDJ		XP	sP	17 50 42.4	+1.0
MDJ		PcP	PcP	17 51 27.9	-1.0
MDJ		PP	PP	17 52 23.8	-1.3
MDJ		ScP	ScP	17 55 21.5	-1.9
MDJ		S	S	17 57 53.6	-1.5
MDJ		XS	sS	17 58 17.1	+0.9
MDJ		ScS	ScS	18 00 07.4	-1.8
MDJ		SS	SS	18 01 36.1	-0.7
MDJ		AMB	AMB		
MDJ	comp=Z,19nm,1.7s,mb4.8	LR	LR		
MDJ	comp=N,2um,35.4s,MS5.1	LR	LR		
MDJ	comp=E,3um,39.0s,MS5.1	LR	LR		
MDJ	comp=Z,2um,22.6s	LR	LR		
MDJ	Mudanjiang	53.82 341	eP	17 50 22.3	-1.3
MDJ	comp=Z,5.3nm,0.6s,mb4.7	LR	LR		
MDJ	comp=Z,1um,19.0s,MS5.0	LR	LR		
ENH	Enshi	53.87 314	PFAKE	17 50 40.0	+1.6
ENH			LR		
GYA	comp=Z,6.0nm,21.0s	LR	LR		
Guiyang	53.97 308	AP	pP	17 50 26.1	+1.1
GYA		XP	sP	17 50 43.7	+5.2
GYA		PcP	PcP	17 51 31.4	+1.5
GYA		PP	PP	17 52 30.8	+4.0
GYA		ScP	ScP	17 55 22.8	-1.7
GYA		PcS	PcS	17 55 23.6	+0.3
GYA		S	S	17 57 56.4	-1.4
GYA		XS	sS	17 58 24.0	+5.2
GYA		ScS	ScS	18 00 07.3	-3.7
GYA		SS	SS	18 01 39.5	-0.3
GYA		AMB	AMB		
GYA	comp=Z,40nm,0.6s,mb5.5	AMB	AMB		
GYA	comp=Z,1um,5.7s	LR	LR		
GYA	comp=N,2um,18.9s,MS5.3	LR	LR		
GYA	comp=E,1um,21.6s,MS5.3	LR	LR		
GYA	comp=Z,2um,19.8s,MS5.4	LR	LR		
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	P	17 50 30.5	+2.2
COCO	SNR=6.6	P	P	17 50 30.5	+2.2
COCO	West Island	54.39 259	eP	17 50 28.5	+0.2
COCO	comp=Z,910nm,1.4s,mb5.5	e	LR	17 50 40.6	-0.3
COCO		LR	pP		
COCO	comp=Z,2um,22.0s,MS5.1	LR	LR		
CN2	Changchun	54.60 337	eP	17 50 28.3	-1.0
CN2			pP	17 50 41.0	-0.9
CN2			eAP	17 50 46.3	-0.8
CN2			eXP	17 58 05.4	-0.4
CN2			eS		
CN2	comp=Z,30nm,1.3s,mb5.2	AMB	AMB		
CN2	comp=Z,500nm,10.0s	AMB	AMB		
CN2	comp=N,1um,19.0s,MS5.1	LR	LR		
CN2	comp=E,1um,19.0s,MS5.1	LR	LR		
CN2	comp=Z,1um,19.0s,MS5.0	LR	LR		
NANT	Nan	55.71 297	AP	17 50 35.5	-2.2
NANT	comp=Z,294nm,1.0s,mb6.3	AP	pP	17 50 37.0	-1.0
HABR	Khabarovsk	55.83 347	AP	17 50 37.0	-1.0
HABR			ePP	17 50 44.0	-6.7
HABR			e	17 51 33.2	
HABR			e	17 52 42.1	
HABR			eS	17 58 24.1	+2.1
HABR			e	18 00 21.0	
HABR			eSS	18 02 05.4	-3.0
HABR			eSSS	18 04 17.7	
HABR	comp=Z,87nm,1.7s,mb5.5	MLR	MLR		
BJT	comp=Z,1um,14.9s,MS5.1	P	P	17 50 38.8	-0.2
Baijiatuu	55.94 328	eP	P	17 50 38.8	-0.2
BJT	comp=Z,15nm,0.5s,mb5.3	P	P	17 50 38.8	-0.2
BJT	comp=Z,5um,21.0s,MS5.6	LR	LR		
BJI	Beijing	55.95 328	P	17 50 38.8	-0.3
BJI		AMB	AMB		
BJI	comp=Z,41nm,2.0s,mb5.1	AMB	AMB		
BJI	comp=Z,996nm,5.0s	AMB	AMB		
BJI	comp=N,3um,21.7s,MS5.4	LR	LR		
BJI	comp=E,2um,19.8s,MS5.4	LR	LR		
BJI	comp=Z,3um,27.7s	LR	LR		
SKR	Severo-Kuril's	56.27 3	eP	17 50 36.0	-5.1
SKR			eP	17 52 54.0	
SKR			ePPP	17 54 04.0	
SKR			eS	17 58 44.0	+1.6
SKR			eSS	18 02 10.0	-5.2
SKR	comp=Z,1um,8.0s	P	P		
SKR	comp=N,2um,20.0s,MS5.4	MLR	MLR		
SKR	comp=E,2um,20.0s,MS5.4	MLR	MLR		
SKR	comp=Z,2um,20.0s,MS5.2	MLR	MLR		
KIP	Kipapa	56.27 60	PFAKE	17 50 50.0	+8.3
KIP	comp=Z,4um,22.0s,MS5.4	LR	LR		
XAN	Xi'an	56.42 318	P	17 50 41.9	-0.7
XAN			S	17 58 25.9	-4.5
XAN	comp=Z,60nm,1.3s,mb5.5	AMB	AMB		
XAN	comp=Z,650nm,10.5s	AMB	AMB		
XAN	comp=N,1um,20.5s,MS5.2	LR	LR		
XAN	comp=E,1um,19.9s,MS5.2	LR	LR		
XAN	comp=Z,3um,20.5s,MS5.4	LR	LR		
KMI	Kuming	56.47 305	P	17 50 44.8	+1.7
KMI		AP	pP	17 50 56.1	+0.3
KMI		XP	sP	17 51 01.3	+0.3
KMI		PP	PP	17 52 48.0	-1.3
KMI		S	S	17 58 32.6	+1.2
KMI		XS	sS	17 58 56.4	+3.8
KMI		SS	SS	18 02 23.4	+4.0
KMI	comp=Z,123nm,1.5s,mb5.7	AMB	AMB		
KMI	comp=N,1um,20.1s,MS5.3	LR	LR		
KMI	comp=E,2um,18.8s,MS5.3	LR	LR		

Table with multiple columns containing names, dates, times, and various codes. The table is organized into several vertical sections, each starting with a name or code (e.g., ARG, BRG, CAC, etc.) and followed by a list of entries with associated data.

CWF	Charnwood Fore	128.06 339	eP	PKPdf	18 00 06.2	-0.3
SFI	Santa Sofia	128.08 324	PKIKP	PKPdf	18 00 07.0	+0.3
SDI	San Donato	128.08 320	PKIKP	PKPdf	18 00 05.9	-0.9
VVLD	Villa Vailelon	128.12 321	PKP	PKPdf	18 00 05.7	-1.2
CRE	Caprese Michel	128.18 323	PKIKP	PKPdf	18 00 06.1	-0.8
GEL	Giamignano	128.22 321	PKP	PKPdf	18 00 06.8	-1.0
HINF	Hinterfeld	128.32 330	ePKIKP	PKPdf	18 00 06.2	-0.9
comp-Z,284nm,1.6s						
FNOI	Fontana Vidola	128.35 324	PKP	PKPdf	18 00 07.4	+0.1
SDV	Samo	128.37 315	PKIKP	PKPdf	18 00 07.9	+0.4
CEL	Celeste	128.40 315	PKP	PKPdf	18 00 06.5	-1.0
TSUM	Tsumeb	128.40 240	ePKPdf	LR	18 00 07.2	-0.8
comp-Z,1.1um,21.0s,MSS.5						
MNS	Montasola	128.43 322	PKIKP	PKPdf	18 00 06.2	-1.3
HOU	Houdromp	128.44 331	ePKIKP	PKPdf	18 00 06.2	-1.1
comp-Z,37nm,0.8s						
HOU			eMLR	MLR		
comp-Z,1.1um,20.0s,MSS.3						
THEF	They Montfort	128.46 331	PKP	PKPdf	18 00 05.7	-1.6
MCNF	Mencas	128.47 336	PKP	PKPdf	18 00 07.7	+0.4
GCLL	Scilla	128.52 316	PKP	PKPdf	18 00 06.9	-0.9
SCL	Gosciola	128.55 325	PKP	PKPdf	18 00 07.3	-0.3
MTGC	Montecelio	128.59 321	PKP	PKPdf	18 00 06.5	-1.3
MTCE	Motta San Gioi	128.65 315	PKP	PKPdf	18 00 07.2	-0.8
MEZF	Matzieres J'vi	128.71 332	PKIKP	PKPdf	18 00 06.8	-1.0
comp-Z,42nm,0.6s						
NNA	Nana	128.76 110	PFAKE	LR	18 00 20.0	+1.1
comp-Z,872nm,22.0s,MSS.4						
BCIP	Isia Barro Col	128.93 83	PFAKE	LR	18 00 20.0	+1.1
comp-Z,859nm,20.0s,MSS.4						
ORO	Oropa	129.20 327	PKIKP	PKPdf	18 00 08.0	-0.8
SWI	Swindon	129.24 339	eP	PKPdf	18 00 08.6	-0.1
MIENF	Michaelchurch	129.27 341	eP	PKPdf	18 00 08.5	-0.2
HTR	Trewher Hill	129.29 340	eP	PKPdf	18 00 08.7	-0.1
OG01	Vachresse	129.41 329	PKP	PKPdf	18 00 08.9	-0.3
HGH	Gray Hill	129.50 340f	eP	PKPdf	18 00 08.1	-1.1
CABF	La Chapelle	129.53 330	ePKIKP	PKPdf	18 00 08.5	-0.9
comp-Z,427nm,1.7s						
PCP	Pian Castagno	129.59 326	PKIKP	PKPdf	18 00 07.3	-2.3
SWK	Warminster	129.70 339	eP	PKPdf	18 00 09.5	-0.1
OTAV	Otavalo	129.77 9.4	ePKPdf	PKPdf	18 00 11.7	+0.8
LPL	La Plagne	129.93 328	ePKIKP	PKPdf	18 00 09.4	-0.8
comp-Z,25nm,0.8s						
LPG	Plagnia	129.94 328	ePKIKP	PKPdf	18 00 09.4	-0.8
comp-Z,16nm,0.5s						
RAFF	Raffo Rosso	129.95 315	PKP	PKPdf	18 00 09.5	-0.8
FIN	Finale Ligure	129.98 326	PKIKP	PKPdf	18 00 09.6	-0.8
OG05	Jurjures	130.24 329	ePKIKP	PKPdf	18 00 10.5	-0.3
BN1	Bardonecchia	130.27 328	ePKPdf	PKPdf	18 00 08.7	-0.1
BN2			ePP	PP	18 02 13.9	-1.0
BN3			eSKP	SKP	18 03 31.0	
HEX	Exmoor	130.32 340	eP	PKPdf	18 00 10.6	-0.2
MBDF	Montbardon	130.43 327	ePKIKP	PKPdf	18 00 10.0	-1.2
comp-Z,259nm,0.9s						
SSF	Saint Saulege	130.47 332	ePKIKP	PKPdf	18 00 10.1	-1.1
comp-Z,262nm,1.8s						
SAOF	Soarge	130.49 326	PKP	PKPdf	18 00 10.4	-0.9
AUTN	L'Aution	130.55 326	PKP	PKPdf	18 00 10.7	-0.8
PGF	Pioggiola	130.56 324	ePKIKP	PKPdf	18 00 10.2	-1.3
comp-Z,496nm,1.6s						
SMF	Signal de Mont	130.61 331	ePKIKP	PKPdf	18 00 10.2	-1.3
comp-Z,187nm,1.6s						
COB	Corte	130.62 323	PKP	PKPdf	18 00 11.7	+0.1
SORF	Sospel	130.63 326	ePKIKP	PKPdf	18 00 10.1	-1.5
comp-Z,335nm,1.6s						
TOUF	Mont Tourneraie	130.64 326	PKP	PKPdf	18 00 10.4	-1.2
LUFC	Luceram	130.66 326	PKP	PKPdf	18 00 10.9	-0.8
HYF	Humblyngy	130.73 332	ePKIKP	PKPdf	18 00 11.0	-0.7
AVF	Avril sur Loir	130.74 331	ePKIKP	PKPdf	18 00 10.3	-1.4
REV	Revere	130.75 326	PKP	PKPdf	18 00 10.9	-0.9
MVIF	Mont Vial	130.77 326	PKP	PKPdf	18 00 11.8	-0.1
ORIF	Oris-en-Rattie	130.78 328	ePKIKP	PKPdf	18 00 10.7	-1.2
comp-Z,22nm,0.8s						
ORIF			eMLR	MLR		
LDF	La Druitiere	130.93 335	ePKIKP	PKPdf	18 00 10.7	-1.3
comp-Z,101nm,1.3s						
FLN	La Foliniere	130.95 336	ePKIKP	PKPdf	18 00 10.7	-1.3
comp-Z,344nm,1.7s						
FLN			eMLR	MLR		
comp-Z,2.2um,22.2s,MSS.3						
OSPF	L'Ospedale	130.97 323	PKP	PKPdf	18 00 11.6	-0.7
CALN	Calern	131.01 326	PKP	PKPdf	18 00 12.6	+0.3
BGF	Bois d'Angland	131.15 332	ePKIKP	PKPdf	18 00 11.5	-1.0
PLDF	La Plantade	131.20 331	PKP	PKPdf	18 00 13.2	+0.6
FRF	La Foret Royal	131.26 326	ePKIKP	PKPdf	18 00 11.6	-1.2
comp-Z,1.1um,21.0s,MSS.5						
OCF	Saint Nazaire	131.31 328	PKP	PKPdf	18 00 12.6	-0.3
OG26	Saint-Nazaire-De	131.31 328	PKP	PKPdf	18 00 12.6	-0.3
AGO	Saint Agoulin	131.38 331	PKP	PKPdf	18 00 13.0	0.0
STOF	St-Etienne Org	131.38 327	PKP	PKPdf	18 00 13.7	+0.7
GRR	Gorron	131.40 336	ePKIKP	PKPdf	18 00 11.8	-1.1
LVC	Limon Verde	131.44 127	PFAKE	LR	18 00 30.0	+1.6
comp-Z,2.2um,21.0s,MSS.5						
VIVF	Saint-Julien-1	131.45 329	ePKIKP	PKPdf	18 00 12.1	-1.0
comp-Z,250nm,1.7s						
COLL	Collangettes	131.49 330	PKP	PKPdf	18 00 13.3	+0.1
LMR	La Moure	131.49 326	ePKIKP	PKPdf	18 00 11.9	-1.3
comp-Z,514nm,1.9s						
CCAI	Carmenellis	131.55 340	eP	PKPdf	18 00 12.5	-0.6
TAVF	Tavernes	131.55 327	PKP	PKPdf	18 00 13.7	+0.3
SMRF	Simiane la Rot	131.57 327	ePKIKP	PKPdf	18 00 12.6	-0.8
comp-Z,274nm,1.7s						
VILF	Villemus	131.58 327	PKP	PKPdf	18 00 13.9	+0.5
TCF	Toulx Ste Croi	131.65 332	ePKIKP	PKPdf	18 00 12.5	-1.0
comp-Z,63nm,1.1s						
PYM	Petit Puy Mans	131.66 331	PKP	PKPdf	18 00 13.6	+0.1
PRAF	Puyulou	131.80 327	PKP	PKPdf	18 00 14.1	+0.3
PYU	Prudon	131.91 327	PKP	PKPdf	18 00 14.9	+0.9
LBL	Lubilhac	131.91 330	PKP	PKPdf	18 00 15.1	+1.1
BER	Bertagne	131.95 327	PKP	PKPdf	18 00 14.5	+0.4
GELF	Grande-Etoile	132.05 327	PKP	PKPdf	18 00 14.8	+0.5
SGMF	Saint Gilles	132.08 337	ePKIKP	PKPdf	18 00 13.0	-1.4
comp-Z,34nm,0.7s						
ROSF	Rostrenen	132.39 337	ePKIKP	PKPdf	18 00 13.5	-1.3
comp-Z,74nm,1.4s						
LASF	Ste Croix	132.41 329	ePKIKP	PKPdf	18 00 14.2	-0.8
comp-Z,119nm,1.4s						
MFF	Saint Martin d	132.49 334	ePKIKP	PKPdf	18 00 14.0	-1.0
QUIF	Quistinic	132.69 337	ePKIKP	PKPdf	18 00 14.1	-1.3
comp-Z,28nm,0.8s						
RJF	Les Rejaudoux	132.70 331	ePKIKP	PKPdf	18 00 14.8	-0.7
comp-Z,2.2um,22.5s,MSS.4						
CAF	Calvia	132.71 331	ePKIKP	PKPdf	18 00 14.9	-0.6
LF	La Frestate	133.34 332	ePKIKP	PKPdf	18 00 16.1	-0.6
MTFL	Montfleur	133.78 329	ePKIKP	PKPdf	18 00 16.2	-1.4
comp-Z,3nm,0.8s						
KEST	Keora	134.20 316	PKP	PKPdf	18 00 18.5	-0.1
comp-Z,4.0nm,0.5s,baz=147,slo=15,SNR=15						
KEST			SKP	SKP	18 03 44.0	
comp-Z,4.1nm,1.1s,baz=307,slo=3,SNR=8.8						
ROSC	El Rosal	134.29 89	PKP	PKPdf	18 00 20.3	+0.9
comp-Z,15nm,0.7s,baz=281,slo=23,SNR=7.4						
CMAH	Djebel Manchou	135.02 318	P	PKPdf	18 00 21.5	+1.4
LAZ	La Paz	135.06 120	PKHKP	PKPdf	18 00 21.6	
comp-Z,1.6nm,0.7s,baz=324,slo=15,SNR=4.5						
LPZA			PKP	PKPdf	18 00 21.3	+0.6
comp-Z,6.3nm,0.6s,baz=212,slo=7.9,SNR=7.4						
LPZA			SKP	SKP	18 03 50.2	
comp-Z,4.8nm,1.2s,baz=222,slo=6,SNR=3.7						
LPZA			eMLR	MLR	18 00 09.6	
LPZA			eLR	LR	18 00 20.9	+0.2
comp-Z,1.1um,21.0s						
LPZA	La Paz	135.06 120	ePKPPre	PKPdf	18 00 09.6	
LPZA			ePKPdf	PKPdf	18 00 20.9	+0.2
LPZA			PKP	PKPdf	18 00 21.3	+0.6
LPZA			eSKP	SKP	18 03 48.5	
LPZA			SKP	SKP	18 03 50.2	
comp-Z,1.1um,21.0s,MSS.5						
ABSA	Djebel Abasbia	135.18 318	P	PKPdf	18 00 21.0	+0.6
CKFL	Kef-Lekhal	135.61 318	P	PKPdf	18 00 22.0	+0.8
CASM	Ain Smara	135.84 318	P	PKPdf	18 00 22.0	+0.4
CTEI	Djebel Teioual	136.01 318	P	PKPdf	18 00 22.5	+0.5
DFRA	Djebel Brafiff	136.31 319	P	PKPdf	18 00 23.0	+0.9
SDDR	Presas de Saba	136.22 68	PFAKE	LR	18 00 30.0	+7.2
comp-Z,1.1um,21.0s,MSS.7						

SET	Setif	136.59 319	P	PKPdf	18 00 26.0	+3.0
BBSR	BB Station	136.99 47	PFAKE	LR	18 00 40.0	+1.6
comp-Z,2.2um,22.0s,MSS.8						
MSKU	Masuku	137.39 261	PFAKE	LR	18 00 40.0	+1.5
comp-Z,2.8nm,21.0s						
CPUP	Villa Florida	137.60 140	PKHKP	PKPdf	18 00 14.1	
comp-Z,0.7nm,0.5s,baz=233,slo=5.1,SNR=3.5						
CPUP			ePKPdf	PKPdf	18 00 24.9	-0.3
comp-Z,4.0nm,0.7s,baz=229,slo=1.6,SNR=12						
CPUP	Villa Florida	137.60 140	/PKHKP	PKPdf	18 00 14.1	
CPUP			PKP	PKPdf	18 00 24.9	
comp-Z,1.0nm,0.5s						
CPUP			pmax	pmax		
CPUP			pmax	pmax		
comp-Z,4.0nm,0.7s						
CPUP	Villa Florida	137.60 140	PKP	PKPdf	18 00 14.1	
CPUP			ePKPdf	LR	18 00 24.7	-0.6
comp-Z,1.46nm,20.0s,MSS.4.7						
SDV	Santo Domingo	138.03 83	ePKPPre	PKPdf	18 00 17.7	
SDV			ePKPdf	PKPdf	18 00 25.6	-0.8
SDV			eSKP	SKP	18 03 57.6	
comp-Z,2.04nm,21.0s,MSS.4.8						
ESDC	Sonsecra Array	139.60 330	PKHKP	PKPdf	18 00 21.4	
comp-Z,0.2nm,0.4s,baz=287,slo=32,SNR=3.4						
ESDC			PKP	PKPdf	18 00 26.7	-1.8
comp-Z,1.3nm,0.5s,baz=18,slo=3.1,SNR=7.4						
ESDC			PP	PP	18 03 24.1	+1.3
comp-Z,0.3nm,0.4s,baz=23,slo=6.1,SNR=4.5						
ESDC			SKP	SKP	18 03 59.3	
comp-Z,1.9nm,0.7s,baz=15,slo=5.5,SNR=5.6						
ESLA	Sonsecra Array	139.60 330	ePKPdf	PKPdf	18 00 27.7	-0.8
comp-Z,8.2um,21.0s,MSS.6						
MVO	Moncorvo	139.82 335	ePKP	PKPdf	18 00 28.0	-0.8
MVO	Moncorvo	139.82 335	eLR	LR	18 39 04.5	
MVO	Moncorvo	139.82 335	eLR	LR	18 54 14.4	
comp-Z,1.41nm,24.7s						
PAB	San Pablo	139.89 331	PFAKE	LR	18 00 40.0	+1.1
comp-Z,996nm,21.0s,MSS.5						
PAB			eP	LR		
PVTE	Viseu	140.55 335	ePKP	PKPdf	18 00 25.0	-5.2
MTE	Manteigas	140.67 335	ePKP	PKPdf	18 00 27.8	-2.6
MTE	Manteigas	140.67 335	eLR	LR	18 54 17.2	
comp-Z,1.1um,21.1s						
PCBR	Castelo Branco	141.10 334	ePKP	PKPdf	18 00 31.6	+0.4
PTOM	Tomar	141.69 335	ePKP	PKPdf	18 00 28.1	-4.1
PESTR	Estremoz	141.95 333	ePKP	PKPdf	18 00 29.4	-3.3
PESTR	Estremoz	141.95 333	eLR	LR	18 53 56.3	
comp-Z,906nm,26.3s						
PBAR	Sarracenos	142.26 332	ePKP	PKPdf	18 00 31.7	-1.6
EVO	Evora	142.41 333	/jPKIKP	PKPdf	18 00 31.8	-1.8
comp-Z,20nm,0.7s						
EVO			eMLR	MLR		
comp-Z,742nm,19.0s,MSS.2						
EVO	Evora	142.41 333	ePKP	PKPdf	18 00 32.3	-1.3
MOE	Montemor	142.57 334	ePKP	PKPdf	18 00 36.5	+2.6
PMAFR	Mafrá	142.61 335	ePKP	PKPdf	18 00 31.9	-2.0
PMAFR	Mafrá	142.61 335	eLR	LR	18 54 17.8	
comp-Z,202nm,21.4s						

NOA comp=Z,1.0nm,0.7s pmax pmax TORO Torodi Ar. Bea 65.54 268 P P 20 29 10.06 -0.2

0.8nm,0.6s,mb4.0,baz=350,slow=6.7,SNR=5.1 TORO Torodi Ar. Bea 65.74 118 P P 20 41 06.5 -1.1

0.6nm,0.5s,mb3.5,baz=106,slow=8.8,SNR=4.6 FINES FINESS Array B 42.20 325 P P 21 28 02.2 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCFH Palo, OCLP Ormoc, etc.

NEIC 14 20:30:41.07, 3560N-27.19E, h10km, ML3.0(ATH), After AT1 ISK 14 20:41:13.2, 3649N-28.26E, h19km, MD3.2

IDC 14 21:32:18.5, 1.8, 3615S-74.48W, h0km, mb3.8, m3.1 4.0/4, mb1 mx3.8/15, mbtmp3.8/4, ML3.5/2, MS2.9/2, M2.1, 2.9

ISCJB 14 20:30:20.9, 0.4, 6896N-005:53.8W, 0.1, h10km, mb3.9/10, Error ellipse: s-maj=6.9km s-min=5.2km az=158.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DALT Dallyan (Mudla), DALT Dallyan, ARG Arkhangelos, etc.

ISC 14 21:32:22.5, 0.5, 3605S-74.09W, h26km, ML3.3(GUC), After GUC GUC 14 21:32:22.5, 0.5, 3605S-74.09W, h26km, ML3.3

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

ISCJB 14 20:59:06.3, 1.1, 3894N-003:26.36E, 0.05, h3km, 7km, Error ellipse: s-maj=6.6km s-min=4.9km az=150.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCHI Chillan, CCHI Chillan, SFDO San Fernando, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FRB Frobisher Bay, FRB Frobisher Bay, GIFF Gifford Fjord, etc.

ISCJB 14 20:59:07.4, 0.7, 3894N-003:26.36E, 0.05, h11km, 5km, n11, Error ellipse: s-maj=3.7km s-min=2.1km az=26.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMU Temuco, TMU Temuco, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IVKQ Ivujivik, IVKQ Ivujivik, QILN Qilliguaq Expi, etc.

ISC 14 20:59:07.4, 0.7, 3894N-003:26.36E, 0.05, h11km, 5km, n11, Error ellipse: s-maj=7.1km s-min=3.2km az=105.8

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

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

IDC 14 21:13:40.7, 1.6, 4682N-155.45E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/20, mbtmp3.6/6, ML2.9/1, Error ellipse: s-maj=57.1km s-min=22.9km az=85.0

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

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

ISC 14 21:13:45.1, 1.2, 4699N-01:15.57E, 0.04, h35km, n11, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:06.7, 0.7, 3512N-006:78.8E, 0.1, h10km, n14, Error ellipse: s-maj=20.5km s-min=16.4km az=138.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LG40 La Grande 4, LG40 La Grande 4, LG40 La Grande 4, etc.

BUI 14 21:20:07.2, 0.7, 3516N-78.70E, h27km, mb4.3, ML3.6, Error ellipse: s-maj=16.1km s-min=7.7km az=18.3

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

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

ISC 14 21:20:08.2, 1.4, 3503N-78.79E, h10km, Error ellipse: s-maj=20.5km s-min=16.4km az=138.0

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

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

ISC 14 21:20:09.4, 0.7, 3512N-006:78.8E, 0.1, h10km, n14, Error ellipse: s-maj=20.5km s-min=16.4km az=138.0

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

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

ISC 14 21:20:10.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:11.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:12.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:13.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:14.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:15.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:16.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

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

ISC 14 21:20:17.4, 0.2, 5432N-004:167.59E, 0.03, h24km, Error ellipse: s-maj=7.2km s-min=3.4km az=182.0

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

14d 21h

2007 JUN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PET, GNL, RUS, GRL, PETK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GUMO, ZAAO, ZALV, ZALZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FINES, COWI, SCHO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBA Koelnreinsper, SOKA Soboth, MOTA Mossalm, etc.

ISCJB 14 21:44:35.7,0.6,735.0:15608E:007,h10km,mb4.1/11, MS3.9/2, Error ellipse: s-maj=16.6km s-min=8.0km az=26.5

IDC 14 21:44:35.9,0.8,725S:15597E,h0km,mb4.2/10, mb1.4/2/11,mb1mx4.1/18,mbmp4.2/11,MS3.8/3, Ms1.3/7.3,ms1mx3.1/21, Error ellipse: s-maj=26.7km s-min=19.4km az=77.0

NEIC 14 21:44:37.3,0.5,723S:15600E,h10km,mb4.5/1, Error ellipse: s-maj=14.1km s-min=11.5km az=203.0

ISC 14 21:44:37.4,9.2,725.0:1560E:01,h3km,58km,n21, -056/15,mb4.1/11,MS3.9/2,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, WRAB Tennant Creek, etc.

NEIC 14 21:57:56.0,4.513N:12095W,h23km,MD3.9(SEA), MW3.6(SLM),After SEA.

NEIC Felt [I] at The Dalles. Felt at Antelope, Gladstone, Lake Oswego, Mosier, Oregon City, Tualatin, Wasco and Wilsonville.

ISCJB 14 21:57:57.0,5.2,45.14N:001x12088W:002,h29km,2km, Error ellipse: s-maj=2.2km s-min=2.1km az=23.2

PNSN 14 21:57:57.1,45.13N:12094W,h19km,MD3.8,Fault plane solution: NP=1.60,0.00000*,360.00000*, NPZ=0.70,0.00000*,890.00000*, Principal axes: T:Pg21.00000*, Azm119.00000*, P:Pg21.00000*, Azm21.00000*

ISC 14 21:57:57.9,0.3,4514N:001x12091W:002,h22km,3km,n110,-0974/140,48C-58D,Washington-Oregon border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G06A Carlson Farm, G06A Wamic, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H05A Madras, H05A Lindquist Farm, H06A Goldendale, etc.

ISCJB 14 21:57:56.0,4.513N:12095W,h23km,MD3.9(SEA), MW3.6(SLM),After SEA.

ISC 14 21:57:57.1,45.13N:12094W,h19km,MD3.8,Fault plane solution: NP=1.60,0.00000*,360.00000*, NPZ=0.70,0.00000*,890.00000*, Principal axes: T:Pg21.00000*, Azm119.00000*, P:Pg21.00000*, Azm21.00000*

ISC 14 21:57:57.9,0.3,4514N:001x12091W:002,h22km,3km,n110,-0974/140,48C-58D,Washington-Oregon border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H05A Madras, H05A Lindquist Farm, H06A Goldendale, etc.

NEIC 14 22:06:43.1,0.9,954N:13823E,h0km,mb4.0/8,mb1.4/1/8, mb1mx3.9/19,mbmp3.9/8, Error ellipse: s-maj=49.1km s-min=19.0km az=85.0

ISCJB 14 22:06:46.0,0.6,948N:009x1382E:02,h33km,mb4.1/12, Error ellipse: s-maj=23.5km s-min=11.5km az=166.3

NEIC 14 22:06:48.2,0.4,951N:13818E,h35km,mb4.3/3, Error ellipse: s-maj=16.8km s-min=8.8km az=77.0

NEIC Felt at Colonia. ISC 14 22:06:48.2,0.6,950N:009x1382E:02,h35km,n16, -056/15,mb4.1/12,Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, WRAB Tennant Creek, WRA Warramunga Arr, etc.

ISC 14 22:57:08.1,0.6,3230S:7140W,h41km,MD4.0(GUC),After GUC. GUC 14 22:57:08.1,0.6,3230S:7140W,h41km,2km,MD4.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L04A Klamath Falls, NLWA Neilton Lookou, NLWA Neilton Lookou, etc.

ISC 14 22:06:43.1,0.9,954N:13823E,h0km,mb4.0/8,mb1.4/1/8, mb1mx3.9/19,mbmp3.9/8, Error ellipse: s-maj=49.1km s-min=19.0km az=85.0

ISCJB 14 22:06:46.0,0.6,948N:009x1382E:02,h33km,mb4.1/12, Error ellipse: s-maj=23.5km s-min=11.5km az=166.3

NEIC 14 22:06:48.2,0.4,951N:13818E,h35km,mb4.3/3, Error ellipse: s-maj=16.8km s-min=8.8km az=77.0

NEIC Felt at Colonia. ISC 14 22:06:48.2,0.6,950N:009x1382E:02,h35km,n16, -056/15,mb4.1/12,Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, WRAB Tennant Creek, WRA Warramunga Arr, etc.

ISC 14 22:57:08.1,0.6,3230S:7140W,h41km,MD4.0(GUC),After GUC. GUC 14 22:57:08.1,0.6,3230S:7140W,h41km,2km,MD4.0,

ISC 14 22:57:08.1,0.6,3230S:7140W,h41km,MD4.0(GUC),After GUC. GUC 14 22:57:08.1,0.6,3230S:7140W,h41km,2km,MD4.0,

ISC 14 22:57:08.1,0.6,3230S:7140W,h41km,MD4.0(GUC),After GUC. GUC 14 22:57:08.1,0.6,3230S:7140W,h41km,2km,MD4.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, MKAR Makanchi Array, SONM Songino Array, etc.

NEIC 14 22:57:08.1,0.6,3230S:7140W,h41km,MD4.0(GUC),After GUC. GUC 14 22:57:08.1,0.6,3230S:7140W,h41km,2km,MD4.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G06A Carlson Farm, G06A Wamic, etc.

AFI	comp-Z,1.0m,21.0s,MS5.2	MLR	MLR		
LZH	Lanzhou 82.37	6 eP	P	23 09 37.9 +1.3	
LZH		AP	pP	23 09 43.1 +3.2	
LZH		XP	sP	23 09 46.8 +5.7	
LZH		PP	PP	23 12 50.0 +4.0	
LZH		eS	S	23 19 54.0 +1.7	
LZH		XS	sS	23 20 00.0 +2.2	
LZH		AMB	AMB		
LZH	comp-Z,22nm,1.0s,mb5.0		AMB	AMB	
LZH	comp-Z,93nm,4.0s		LR	LR	
LZH	comp-N,400nm,14.7s		LR	LR	
LZH	comp-Z,825nm,17.0s,MS5.2		LR	LR	
RAR	Rarotonga 84.12 115	LR	LR	23 38 58.0	
RAR	comp-Z,638nm,18.7s,MS5.0,baz=227,slow=30				
KBL	Kabul 84.17 338	eP	P	23 09 46.3 +0.3	
KBL	comp-Z,73nm,1.1s,mb5.7				
KBL		e		23 09 51.5	
KBL		PP	PP	23 13 07.8 +7.0	
KBL		eS	S	23 20 24.6 +14	
GTA	Gaotai 85.46	3 eP	P	23 09 52.3 0.0	
GTA		AP	pP	23 09 56.1 +0.5	
GTA		XP	sP	23 09 58.1 +1.3	
GTA		PP	PP	23 13 14.8 +3.5	
GTA		SKS	S	23 20 14.8	
GTA		S	sS	23 20 24.8 +1.6	
GTA		XS	sS	23 20 33.1 +4.4	
GTA		AMB	AMB		
GTA	comp-Z,6.0nm,1.0s,mb4.7		AMB	AMB	
GTA	comp-Z,81nm,5.7s		LR	LR	
GTA	comp-N,375nm,19.8s,MS4.9		LR	LR	
GTA	comp-E,358nm,21.3s,MS4.9		LR	LR	
GTA	comp-Z,628nm,20.5s,MS5.0		LR	LR	
KSH	Kashi 87.39 345	eP	P	23 10 07.6 +5.8	
KSH	comp-Z,99nm,1.0s,mb6.0		LR	LR	
KSH	comp-N,1.0m,14.2s		LR	LR	
KSH	comp-E,4.0m,22.7s		LR	LR	
KSH	comp-Z,896nm,12.5s,MS5.4		LR	LR	
BTO	Baotou 87.47 11	eP	P	23 10 00.8 -1.4	
BTO	comp-Z,12nm,1.2s,mb5.0				
BUI	Beijing 87.15	P	P	23 10 07.9 +3.8	
BUI		S	S	23 20 49.5 +2.9	
BUI		AMB	AMB		
BUI	comp-Z,14nm,1.8s,mb4.9		LR	LR	
BUI	comp-N,372nm,22.7s,MS4.9		LR	LR	
BUI	comp-E,352nm,23.8s,MS4.9		LR	LR	
BUI		LR	LR		
DL2	DL2 87.21	P	P	23 10 05.1 +0.8	
DL2	Dalian	S	S	23 20 49.9 +2.9	
DL2		SS	SS	23 26 28.5 -7.0	
DL2		AMB	AMB		
DL2	comp-Z,10.0nm,0.9s,mb5.0		AMB	AMB	
DL2	comp-Z,210nm,7.4s		LR	LR	
DL2	comp-N,170nm,16.9s,MS4.6		LR	LR	
DL2	comp-E,110nm,16.2s,MS4.6		LR	LR	
DL2	comp-Z,250nm,18.0s,MS4.7		LR	LR	
HHC	Hu-ho-hao-te 84.92	12 eP	P	23 10 04.3 0.0	
HHC		PP	PP	23 13 33.8 +2.7	
HHC		SKS	S	23 20 47.0 0.0	
HHC		XS	sS	23 20 53.0 +0.5	
HHC		AMB	AMB		
HHC	comp-Z,13nm,0.7s,mb5.3		AMB	AMB	
HHC	comp-Z,146nm,6.8s		LR	LR	
HHC	comp-N,765nm,22.2s,MS5.2		LR	LR	
HHC	comp-E,598nm,21.7s,MS5.2		LR	LR	
HHC		LR	LR		
KSRS	Korea Array 88.19 25	P	P	23 10 04.2 -1.5	
KSRS	comp-Z,1.2m,0.7s,mb4.2,baz=185,slow=4.3,SNR=3.7				
WMQ	Urumqi 90.12 354	P	P	23 10 15.9 +1.3	
WMQ	comp-Z,646nm,10.0s		LR	LR	
WMQ	comp-N,2.0m,22.4s,MS5.7		LR	LR	
WMQ	comp-E,2.0m,20.9s,MS5.7		LR	LR	
WMQ	comp-Z,3.0m,22.9s,MS5.7		LR	LR	
UCH	Uchter 90.29 344	eP	P	23 10 16.0 +0.6	
UCH	comp-Z,12nm,1.1s,mb5.2		ePP	PP	23 13 54.1 +4.0
UCH		eS	S	23 20 59.8 -9.4	
UCH		LR	LR		
UCH	comp-Z,750nm,20.0s,MS5.1				
AML	Almayashu 90.36 343	PFAKE	LR	23 10 30.0 +14	
AML	comp-Z,109nm,20.0s,MS4.3				
AAK	Ala-Archa 90.69 344	P	P	23 10 17.0 -0.2	
AAK	comp-Z,1.3nm,0.3s,mb4.7,baz=180,slow=1.0,SNR=3.7				
TKM2	Tokmak 2 90.76 345	eP	P	23 10 17.5 -0.1	
TKM2		eS	S	23 13 59.6	
TKM2		eS	S	23 21 14.2 +0.7	
TKM2	comp-Z,8.0nm,1.4s,mb4.9		pmx	pmx	
TKM2		MLR	MLR		
TKM2	comp-Z,774nm,20.0s,MS5.1				
TKM2	Tokmak 2 90.76 345	eP	P	23 10 17.5 -0.1	
TKM2	comp-Z,8.2nm,1.4s,mb4.9		ePP	PP	23 13 59.5 +5.8
TKM2		eS	S	23 21 14.2 +0.7	
TKM2		LR	LR		
TKM2	comp-Z,774nm,20.0s,MS5.1				
MAJO	Matsushiro 90.78 33	eP	P	23 10 18.3 +0.4	
MAJO	comp-Z,361nm,21.0s,MS4.8				
MJAR	Matsushiro Arr 90.78 33	P	P	23 10 17.2 -0.7	
MJAR	comp-Z,1.2m,0.5s,mb4.5,baz=185,slow=4.9,SNR=4.1				
MJAR	Matsushiro Arr 90.78 33	P	P	23 10 17.2 -0.7	
EKS2	Erkin-Say 90.85 344	eP	P	23 10 18.2 +0.2	
EKS2	comp-Z,1.1nm,1.3s,mb5.0		ePP	PP	23 13 56.1 +1.6
EKS2		eS	S	23 21 14.7 +0.4	
EKS2		LR	LR		
EKS2	comp-Z,677nm,20.0s,MS5.1				
FRU	Bishkek 90.86 344	eP	P	23 10 20.0 +2.0	
FRU	Paso Flores 92.47 190	P	P	23 10 25.6 -0.4	
FRU	comp-Z,4.6nm,1.1s,mb4.7,baz=178,slow=6.4,SNR=3.9				
PLCA		LR	LR	23 52 37.8	
PLCA	comp-Z,775nm,18.3s,MS5.2,baz=170,slow=36				
PLCA	Paso Flores 92.47 190	eP	P	23 10 32.5 +6.5	
PLCA		eS	S	23 21 45.2 +15	
PLCA		LR	LR	23 52 37.8	
PLCA		LR	LR	23 21 14.1 -22	
PPT	Papeete 93.16 119	eS	S	23 41 54.7	
PPT	comp-Z,1.0m,22.5s				
PPT	Papeete 93.16 119	LR	LR	23 43 38.2	
PPT	comp-Z,632nm,18.8s,MS5.1,baz=228,slow=30				
CN2	Changchun 93.46 21	eP	P	23 10 32.8 +2.7	
CN2		eXP	sP	23 10 39.8 +5.2	
CN2		eS	S	23 21 38.9 +1.2	
CN2		AMB	AMB		
CN2	comp-Z,10.0nm,1.0s,mb5.2		AMB	AMB	
CN2	comp-Z,200nm,4.0s		LR	LR	
CN2	comp-N,200nm,16.0s,MS4.8		LR	LR	
CN2	comp-E,200nm,16.0s,MS4.8		LR	LR	
CN2	comp-Z,200nm,16.0s,MS4.7		LR	LR	
MK31	Makanchi Array 93.57 351	eP	P	23 10 30.0 -0.5	
MK31		eS	S	23 21 41.8 +3.3	

MKAR	Makanchi Array 93.57 351	P	P	23 10 29.8 -0.7	
MKAR	comp-Z,0.7nm,0.5s,baz=168,slow=6.2,SNR=4.2		LR	LR	23 50 29.0
MKAR	Makanchi Array 93.57 351	P	P	23 10 29.1 -1.4	
MKAR	comp-Z,1.0nm,0.9s		pmx	pmx	
TRQA	Torqu Coast 93.69 197	PFAKE	LR	23 10 40.0 +8.3	
TRQA	comp-Z,975nm,19.0s,MS5.3		LR	LR	
SONM	Songrio Array 94.25 7	P	P	23 10 33.0 -0.5	
SONM	comp-Z,8.0nm,1.1s,mb5.0,baz=182,slow=2.2,SNR=9.2				23 51 10.0
SONM	comp-Z,506nm,21.0s,MS5.0,baz=172,slow=34				
ULN	Ulaanbaatar 94.33 7	eP	P	23 10 33.7 -0.3	
ULN	comp-Z,16nm,1.4s,mb5.3				
ULN	Ulaanbaatar 94.33 7	eP	P	23 10 33.7 -0.2	
ULN	comp-Z,16nm,1.4s,mb5.2				
MDJ	Mudanjiang 95.30 23	P	P	23 10 42.0 +3.5	
MDJ		AP	pP	23 10 45.3 +3.5	
MDJ		XP	sP	23 10 46.6 +3.6	
MDJ		PP	PP	23 14 26.4 -3.0	
MDJ		S	S	23 21 56.3 +2.6	
MDJ		XS	sS	23 22 03.5 +4.2	
MDJ	comp-Z,4.0nm,0.8s,mb4.9		AMB	AMB	
MDJ	comp-Z,23nm,4.7s		AMB	AMB	
MDJ	comp-N,217nm,21.1s,MS4.8		LR	LR	
MDJ	comp-E,239nm,22.5s,MS4.8		LR	LR	
MDJ	comp-Z,242nm,21.4s,MS4.6		LR	LR	
ZAK	Zakamensk 96.57 5	eP	P	23 10 42.7 -1.4	
ZAK	comp-Z,4.0nm,1.3s,mb4.7		pmx	pmx	
ZAK	comp-Z,1.0nm,1.4s,mb4.9		pmx	pmx	
RKT	Rikitea 96.80 134	eLR	LR	23 44 33.3	
RKT	comp-Z,720nm,23.8s				
ERM	Erino 97.42 33	P	P	23 10 50.4 +2.2	
ERM		S	S	23 21 44.7 -2.7	
ERM		LR	LR		
GNI	Garni 97.61 323	PFAKE	LR	23 11 00.0 +11	
GNI	comp-Z,562nm,19.0s,MS4.8				
MOY	Mondy 97.74 3	eP	P	23 10 55.1 +5.7	
MOY	Talya 97.88 5	PFAKE	LR	23 11 00.0 +10	
MOY	comp-Z,442nm,20.0s,MS5.0				
KURK	Kurchatov 97.88 349	eP	P	23 10 50.6 +0.6	
KURK		eS	S	23 14 55.0	
KURK		pmx	pmx	23 21 33.6 +6.6	
KURK	comp-Z,5.0nm,1.4s,mb4.8		MLR	MLR	
KURK	comp-Z,624nm,20.0s,MS5.1				
KURK	Kurchatov 97.88 349	eP	P	23 10 50.6 +0.6	
KURK	comp-Z,5.1nm,1.4s,mb4.9		eS	SKSac	23 14 55.0
KURK		LR	LR	23 21 33.6 +6.6	
ASCN	Ascension 98.13 250	PFAKE	LR	23 11 00.0 +7.8	
ASCN	comp-Z,1.0m,20.0s,MS5.5				
MAK	Makhachkala 98.86 326	eP	P	23 10 46.8 -7.9	
MAK		eS	S	23 14 52.5	
MAK		PS	SKSac	23 21 26.7 -5.6	
MAK		iPS	eSS	23 23 47.9 -3.8	
MAK		eSS	SS	23 29 08.9 -3.3	
MAK		MLR	MLR	23 32 58.9	
MALZ	MALZ 98.89 318	P	P	23 10 55.0 +1.0	
ZALZ	Zalesovo 100.40 353	P	P	23 10 59.5 -2.6	
ZALZ	Zalesovo Beam 100.41 353	P	P	23 10 59.5 -2.6	
ZALZ	comp-Z,0.5nm,0.5s,baz=255,slow=4.3,SNR=2.6				
BRVK	Borovoye 101.49 344	P	P	23 11 04.7 -2.3	
BRVK	comp-Z,1.0m,21.0s,MS5.4		MLR	MLR	
YSS	Yuzh-Sakhalins 101.52 31	PFAKE	LR	23 11 20.0 +13	
YSS	comp-Z,129nm,20.0s,MS4.4				
KIV	Kislovodsk 101.61 324	eP	P	23 11 09.4 +1.9	
KIV	comp-Z,467nm,20.0s,MS5.0		eS	SS	23 15 21.3
KIV		eS	SS	23 21 49.1	
KIV		eSS	SS	23 29 52.3 +1.7	
KIV	comp-Z,6.0nm,1.2s		pmx	pmx	23 33 47.9
KIV	comp-Z,467nm,20.0s,MS5.0		MLR	MLR	
KIV	comp-Z,458nm,19.0s,MS5.0		PdIF	PdIF	23 11 06.2 -1.3
DBIC	Dimbokro 102.39 267	PFAKE	LR	23 11 20.0 +9.0	
DBIC	comp-Z,3.0m,22.0s,MS5.7				
ISP	Isparta 102.40 312	PFAKE	LR	23 11 20.0 +9.0	
ISP	comp-Z,347nm,19.0s,MS4.9				
TORD	Tordi Ar. Bea 102.45 276	PP	PP	23 15 24.0 -0.2	
TORD	comp-Z,0.8nm,1.0s,baz=134,slow=7.0,SNR=2.9		PKIPK	PKIPK	23 15 31.5 -1.3
TORD	comp-Z,1.4nm,0.9s,baz=136,slow=5.0,SNR=4.3				
ANTO	Ankara 102.81 315	PFAKE	LR	23 11 20.0 +7.2	
ANTO	comp-Z,403nm,21.0s,MS5.2				
CPUP	Villa Florida 103.75 204	PFAKE	LR	23 11 30.0 +13	
CPUP	comp-Z,113nm,20.0s,MS4.4				
LCO	Las Campanas 104.03 192	PFAKE	LR	23 11 30.0 +12	
LCO	comp-Z,930nm,21.0s,MS5.3				
TAOE	Nuku Hiva Isla 105.62 121	eLR	LR	23 48 11.6	
TAOE	comp-Z,20.0m,22.1s				
ARU	Arti 107.16 339	PFAKE	LR	23 15 50.0 +10	
ARU	comp-Z,639nm,21.0s,MS5.2				
MIDW	Midway 107.56 68	PFAKE	LR	23 15 50.0 +8.1	
MIDW	comp-Z,617nm,21.0s,MS5.1				
LVC	Limon Verde 102.01 195	PFAKE	LR	23 16 00.0 +13	
LVC	comp-Z,12m,22.0s,MS5.5				
KIS	Kishinev 110.08 318	ePP	PP	23 16 38.0 +18	
KIS	comp-Z,600nm,22.0s		LRM	LRM	23 58 00.0
BDFB	Brasilia 110.34 217	PFAKE	LR	23 16 00.0 +12	
BDFB	comp-Z,649nm,20.0s,MS5.2				
YAK	Yakutsk 111.35 16	PFAKE	LR	23 16 00.0 +12	
YAK	comp-Z,467nm,19.0s,MS5.1				

U04C	baz=151	Hernandez Rese	150.77	97	U	PKPbc	23 17 07.9 +0.8
SDDR	baz=151	Presa de Saban	150.79	205	LR		23 17 10.0 +8.0
BDM	comp=Z.440nm,21.0s,MS5.2	Black Diamond	150.82	93	U		23 17 08.0
KHMM	baz=151	Horse Mountain	150.84	86	eP	PKPpdf	23 17 04.3 +2.9
MNRC	baz=151	McLaughlin Nat	150.86	91	U		23 17 07.7
M01C	baz=151	Crescent City	150.96	84	U		23 17 08.1
G04C	baz=151	Ingram Canyon,	150.97	94	U		23 17 07.8
GASB	baz=151	Alder Springs	151.02	89	P		23 17 09.2
N02C	baz=151,SNR=23	Big Bar	151.11	87	U		23 17 08.7
RES	baz=151,SNR=7.3	Resolute Bay	151.18	6	ePKIKP	PKPpdf	23 17 02.6 +1.6
RES							23 17 13.0
O02C		Red Bluff	151.20	88	U		23 17 08.7
L02A	baz=152	Cave Junction	151.43	84	U		23 17 09.0
MWC	baz=152,SNR=5.9	Mount Wilson	151.45	103	ePKIKP		23 17 09.4
BAR		Barrett	151.45	107	eP		23 17 08.8
SUTB	baz=152	Sutter Butte	151.47	91	U		23 17 09.4
WDC	baz=152	Whiskeytown Da	151.54	88	P		23 17 08.9
WDC	comp=Z.803nm,21.0s,MS5.5	Whiskeytown Da	151.54	88	ePKPpdf	PKPpdf	23 17 04.4 +1.9
WDC							23 17 08.8 +0.1
S05C	baz=152	Mercad	151.58	95	U	PKPbc	23 17 09.8 +0.8
M02C	baz=152,SNR=8.5	Callahan	151.65	86	P	PKPbc	23 17 09.2 +0.3
VES	baz=152	Vestal, Richgr	151.66	99	U	PKPbc	23 17 09.2 +0.1
BFSC	baz=152	Mount Baldy St	151.73	103	U	PKPbc	23 17 10.1 +0.7
MONP	baz=152,SNR=7.2	Monument Peak	151.75	107	U	PKPbc	23 17 09.6 +0.1
ORV	baz=152	Oroville	151.82	90	P	PKPbc	23 17 09.0 -0.4
T06C	baz=152,SNR=10	Millerton Lake	151.84	96	U	PKPbc	23 17 10.1 +0.5
EDW2	baz=152	Edward's Air Fo	151.87	102	P	PKPbc	23 17 09.9 +0.2
CMB	comp=Z.774nm,21.0s,MS5.5	Columbia Cole	151.88	94	ePKIKP	PKPpdf	23 17 04.5 +1.4
CMB	baz=152	Columbia Cole	151.88	94	U	PKPbc	23 17 10.0 +0.4
CMB							23 17 04.5 +1.4
CMB							23 17 09.7 +0.1
CMB							23 17 20.8 +1.9
YBH	comp=Z.774nm,21.0s,MS5.5	Yreka Blue Hor	151.88	85	U	PKPbc	23 17 09.9 +0.4
YBH	baz=152	Yreka Blue Hor	151.88	85	ePKPpdf	PKPpdf	23 17 02.9 -0.1
YBH							23 17 10.2 +0.7
J02A	comp=Z.836nm,21.0s,MS5.5	Umputa	151.89	82	U	PKPbc	23 17 10.1 +0.7
I02A	baz=152	Mapleton	151.93	80	U	PKPbc	23 17 09.5 0.0
LAVA	baz=152	Lava Cap Winer	151.98	92	U	PKPbc	23 17 09.8 +0.1
HUMO	baz=152	Hull Mountain	152.04	83	P	PKPbc	23 17 10.2 +0.4
HUMO	baz=152,SNR=8.7	Hull Mountain	152.04	83	ePKPpdf	PKPpdf	23 17 03.3 0.0
HUMO							23 17 09.9 +0.1
M03C	comp=Z.1um,22.0s,MS5.6	McCloud	152.17	87	U	PKPbc	23 17 10.2 +0.1
HELL	baz=152	Mitchell Peak	152.14	98	U	PKPbc	23 17 10.3 +0.1
PFO	baz=152	Pinyon Flat Ob	152.16	106	PKIKP	MLR	23 16 58.2 -5.5
PFO	comp=Z.702nm,19.0s,MS5.5	Pinyon Flat Ob	152.16	106	U	PKPbc	23 17 10.1 -0.3
S06C	baz=152,SNR=11	San Francisco	152.18	95	P	PKPbc	23 17 10.1 -0.2
SWSC	baz=152	Samer W. Stewart	152.19	107	U	PKPbc	23 17 10.2 -0.2
KCC	baz=152	Kaiser Creek	152.27	96	U	PKPbc	23 17 10.7 +0.2
I03A	baz=152	Eugene	152.29	80	U	PKPbc	23 17 11.1 +0.7
P05C	baz=152	Yuba Gap, Truc	152.32	91	P	PKPbc	23 17 10.7 +0.1
HATC	baz=152,SNR=9.8	Hat Creek Radi	152.38	88	U	PKPbc	23 17 11.0 +0.3
OR0C	baz=152	Quincy	152.40	90	U	PKPbc	23 17 11.1 +0.4
L05C	baz=152	Laurel Mountai	152.41	101	P	PKPbc	23 17 11.2 +0.1
R05C	baz=152,SNR=7.1	Kirkwood Meado	152.41	93	P	PKPbc	23 17 11.1 +0.3
O04C	baz=152,SNR=11	Chester	152.44	89	U	PKPbc	23 17 11.1 +0.3
COR	baz=152	Corvallis	152.47	79	PFAKE	LR	23 17 10.0 +6.2
M04C	comp=Z.688nm,22.0s,MS5.4	Macdoel	152.50	86	U	PKPbc	23 17 11.7 +0.8
CWC	baz=153	Cottonwood Cre	152.66	99	U	PKPbc	23 17 12.2 +0.8
F03A	baz=153	Seaside	152.68	76	U	PKPbc	23 17 11.8 +0.7
BELC	baz=153	Belle Mtn.	152.70	105	U	PKPbc	23 17 12.2 +0.6
BEKR	baz=153,SNR=6.1	Beckworth	152.74	91	U	PKPbc	23 17 12.2 +0.8
R06C	baz=153,SNR=7.1	Coleville	152.76	94	U	PKPbc	23 17 12.4 +0.8
ELFS	baz=153,SNR=7.3	Eagle Lake Fie	152.81	89	U	PKPbc	23 17 13.0 +1.4
M05C	baz=153	Lookout	152.82	87	U	PKPbc	23 17 12.5 +0.9
I04A	baz=153	Tendick Farm,	152.83	81	U	PKPbc	23 17 13.1 +1.6
NLWA	baz=153	Neilton Lookou	152.83	73	U	PKPbc	23 17 12.9 +1.5
NLWA	baz=153	Neilton Lookou	152.83	73	PKPpdf	PKPpdf	23 17 02.2 -2.0
NLWA							23 17 12.8 +1.4
D03A	comp=Z.835nm,20.0s,MS5.5	Wishkah Elem.	152.83	74	U	PKPbc	23 17 12.8 +1.4
R07C	baz=153	Lee Vining	152.95	93	U	PKPbc	23 17 12.5 +0.7
E03A	baz=153	Lebam	152.83	75	U	PKPbc	23 17 12.8 +1.4
J04A	baz=153	Umputa Nationa	152.85	83	U	PKPbc	23 17 12.8 +1.2
BC3	baz=153	Big Chuckw Mtn	152.85	107	U	PKPbc	23 17 12.7 +0.8
MPMC	baz=153	Manual Prospec	152.86	100	U	PKPbc	23 17 12.6 +0.8
TIN	baz=153	Tinemaha	152.88	98	U	PKPbc	23 17 12.5 +0.7
GLA	baz=153	Glamis	152.90	108	U	PKPbc	23 17 12.8 +0.7
GLA	baz=153	Glamis	152.90	108	ePKPpdf	PKPpdf	23 17 06.4 +1.6
GLA							23 17 12.2 +0.2
DAC	comp=Z.725nm,19.0s,MS5.5	Darwin (Calif)	152.91	100	PFAKE	LR	23 17 20.0 +1.5
DAC							
GSC	comp=Z.1um,20.0s,MS5.8	Goldstone	152.91	102	U	PKPbc	23 17 12.5 +0.5
GSC	baz=153	Goldstone	152.91	102	ePKPpdf	PKPpdf	23 17 05.6 +0.9
GSC							23 17 12.1 +0.1
GSC	comp=Z.892nm,20.0s,MS5.6						

WCN	Washoe City	152.91	92	U	PKPbc	23 17 12.6 +0.7	
HEC	Hector,Ludlow	152.96	104	U	PKPbc	23 17 12.4 +0.3	
SFJD	Kangerlussuaq	153.01	332	PFAKE	LR	23 17 10.0 +6.1	
S08C	comp=Z.669nm,21.0s,MS5.4	White Mtn Res	153.14	97	U	PKPbc	23 17 13.0 +0.6
B04A	baz=153	San Angeles	153.21	72	U	PKPbc	23 17 13.7 +1.5
M06C	baz=153	Likely Place G	153.22	88	U	PKPbc	23 17 13.5 +1.0
H04A	baz=153	Detroit Lake	153.26	80	U	PKPbc	23 17 13.2 +0.8
L05A	baz=153	Lakeview	153.30	86	U	PKPbc	23 17 13.5 +0.9
PAHR	baz=153	Pah Ran Range	153.35	92	ePKPpdf	PKPpdf	23 17 06.9 +1.6
PAHR							23 17 14.4 +1.6
IRM	baz=153	Iron Mountain	153.36	106	U	PKPbc	23 17 13.7 +0.7
GMRC	baz=154	Granite Mounta	153.38	104	U	PKPbc	23 17 14.0 +0.9
113A	baz=154	Mohawk Valley,	153.41	110	U	PKPbc	23 17 13.5 +0.3
F04A	baz=154	Amboy	153.45	77	U	PKPbc	23 17 13.6 +0.8
J05A	baz=154	Fort Rock	153.46	83	U	PKPbc	23 17 12.8 -0.2
N06A	baz=154	Buffalo Meadow	153.48	89	U	PKPbc	23 17 13.3 +0.3
C04A	baz=154	Brinton	153.49	73	U	PKPbc	23 17 11.9 -1.0
K05A	baz=154	Summer Lake	153.50	84	U	PKPbc	23 17 13.5 +0.4
214A	baz=154	Organ Pipe Nat	153.51	113	U	PKPbc	23 17 13.5 +0.1
NVAR	comp=Z.3,2nm,1.0s,ba=229,slow=3.0,SNR=11	Mina Array Bay	153.51	95	PKPbc	PKPbc	23 17 12.8 -0.5
FURC	baz=154	Furnace Creek,	153.51	100	U	PKPbc	23 17 13.4 +0.2
MOD	baz=154	Modoc	153.61	86	ePKPpdf	PKPpdf	23 17 06.2 +0.7
MOD							23 17 13.6 +0.3
TEIG	comp=Z.817nm,21.0s,MS5.5	Tepich	153.67	171	PFAKE	LR	23 17 20.0 +1.4
U10A	comp=Z.505nm,21.0s,MS5.3	Ash Meadows, A	153.84	101	U	PKPbc	23 17 13.4 -0.6
O07A	baz=154	Toulon	153.90	91	U	PKPbc	23 17 12.9 -1.0
S09A	baz=154	Goldfield	153.91	97	U	PKPbc	23 17 13.1 -1.0
M08A	baz=154	Gabbs	153.97	94	U	PKPbc	23 17 13.2 -1.0
K06A	baz=154	Valley Falls	153.97	85	U	PKPbc	23 17 12.6 -1.4
TPH	baz=154	Tonopah	154.08	97	PFAKE	LR	23 17 20.0 +1.4
N07B	comp=Z.491nm,20.0s,MS5.3	Gerlach	154.09	90	U	PKPbc	23 17 13.6 -0.7
TPNV	baz=154	Topopah Spring	154.18	100	U	PKPbc	23 17 13.0 -1.7
TPNV	comp=Z.1um,19.0s,MS5.7	Topopah Spring	154.18	100	ePKPpdf	PKPpdf	23 17 08.2 +1.7
TPNV							23 17 14.3 -0.3
M07A	comp=Z.1um,19.0s,MS5.7	Soldier Meadow	154.20	88	U	PKPbc	23 17 14.1 -0.5
R09A	baz=154	Tonopah	154.27	96	U	PKPbc	23 17 13.8 -1.1
L07A	baz=154	Adell	154.32	87	U	PKPbc	23 17 13.7 -1.2
S10A	baz=154	Tonopah Range,	154.44	97	U	PKPbc	23 17 14.2 -1.0
V12A	baz=154	Nelson	154.47	104	U	PKPbc	23 17 12.9 -2.5
H06A	baz=154	Lindquist Farm	154.53	80	U	PKPbc	23 17 13.5 -1.7
E06A	baz=155	Yakima	154.57	76	U	PKPbc	23 17 13.7 -1.5
K07A	baz=155	Rock Creek Ran	154.63	85	U	PKPbc	23 17 13.2 -2.2
217A	baz=155	Green Valley	154.65	116	U	PKPbc	23 17 13.6 -2.2
N08A	baz=155	GE Springer Mi	154.67	90	U	PKPbc	23 17 13.7 -1.9
W13A	baz=155	Hualapai Mount	154.75	106	U	PKPbc	23 17 14.5 -1.4
M08A	baz=155	Happy Creek Ra	154.77	89	U	PKPbc	23 17 14.6 -1.2
I07A	baz=155	Izee	154.91	82	U	PKPbc	23 17 14.3 -1.7
318A	baz=155	Bisbee	154.93	117	U	PKPbc	23 17 14.4 -2.0
WVOR	baz=155	Wild Horse Val	154.96	86	ePKIKP	PKPpdf	23 17 07.6 +0.2
TUC	comp=Z.763nm,22.0s,MS5.5	Tucson	155.03	115	PFAKE	LR	23 17 20.0 +1.2
T11A	comp=Z.523nm,20.0s,MS5.3	Cot Creek, AI	155.03	100	U	PKPpdf	23 17 15.5 +7.8

15d 2h

Table with columns: SVRC, MYA, MALT, BTK, AKKD, URFA, ATAB, ATAB. Includes station names, coordinates, and various codes.

IDC 15 00:34:23.8:0.9, 5580N:15892W, h0km, mb3.8/10, mb1 4.0/1.1, mb1mx3.8/23, mbtmp3.8/11, ML4.1/1, Error ellipse: s-maj=24.8km s-min=14.8km az=174.0

NEIC 15 00:34:31.2, 5555N:15859W, h23km, mb4.4/4, ML3.9(AEIC), ML4.2(PMR), After AEIC.

NEIC FAJII at Chignik. IDC 15 00:34:32.4:0.6, 5582N:15878W, h0.09, h61km, g6km, n42, c1517/47, mb4.0/14, Alaska Peninsula

Main table for 15d 2h section, listing station names (e.g., CHGN, SDPT, FALS, KDAK), station names, coordinates, and various codes.

IDC 15 01:26:54.6:2.0, 076N:3025W, h0km, mb3.8/3, mb1 3.8/3, mb1mx3.4/22, mbtmp3.8/3, MS3.4/4, Ms1mx3.0/22, Error ellipse: s-maj=193.6km s-min=26.2km az=156.0, Central Mid-Atlantic Ridge

Table for 15d 2h section, listing station names (e.g., BDFB, DBIC, TORB, TORC, TORL, LAPA, LPZA, LPZA, ASAR), station names, coordinates, and various codes.

ISCJB 15 01:33:04.5:1.1, 3552N:007:2288E:007, h76km, 15km, Error ellipse: s-maj=13.9km s-min=6.4km az=39.1

CSEM 15 01:33:04.2:0.2, 3545N:2288E, h6km, ML3.5, Error ellipse: s-maj=6.0km s-min=2.3km az=38.0

ATH 15 01:33:06.0, 3559N:2314E, h52km, MD3.5/4 THE 15 01:33:06.2, 3551N:2314E, h54km, ML3.5/5

ISC 15 01:33:05.6:1.3, 3551N:007:2288E:008, h63km, 22km, n20, c0865/25, Central Mediterranean Sea

Table for 15d 2h section, listing station names (e.g., KYTH, KARN, KARN, VAM, GVD, VLI, PYLO, SIVA, VLX, VLX, DID, THRE, THRT, SANT, LTK, APE, ZKR, LKR, VLS, AGG), station names, coordinates, and various codes.

2007 JUN

Table with columns: AGG, LKD, IGT. Includes station names, coordinates, and various codes.

ISCJB 15 01:36:55.9:0.7, 3890N:003:2638E:006, h6km, 6km, Error ellipse: s-maj=7.4km s-min=4.1km az=168.3

CSEM 15 01:36:55.6:0.1, 3888N:2647E, h10km, MD3.1, Error ellipse: s-maj=3.9km s-min=2.0km az=55.0

DDA 15 01:36:55.9, 3894N:2645E, h7km, 5km, MD3.1 ATH 15 01:36:57.7, 3891N:2649E, h4km, MD3.1/3

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

NIED 15 01:37:00, 2600N:12920E, h5km, Mw3.8 Best double couple: Ms=20000:1014 NP1:Ms71.00000, Ms5.00000, N2:Ms200.00000, Ms37.00000, Ms1:35.00000

JMA 15 01:37:39.1:0.2, 2599N:12923E, h44km, M3.9, Southeast of Ryukyu Islands

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

IDC 15 02:06:05.3:6.1, 1780S:17842W, h639km, 70km, mb3.1/6, mb1 3.3/6, mb1mx3.1/15, mbtmp3.1/6, Error ellipse: s-maj=48.6km s-min=27.0km az=125.0, Fiji Islands region

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

MAN 15 02:10:14, 1042N:12526E, h1km, mb4.5, ML3.4, MS3.2, 1C, Leyte

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

NIED 15 02:14:00, 4440N:14650E, h101km, Mw3.9 Best double couple: Ms7.31000:1014 NP1:Ms65.00000, Ms80.00000, Ms1:104.00000, N2:Ms190.00000, Ms717.00000, Ms36.00000

JMA 15 02:14:00.5:0.3, 4440N:14649E, h159km, 3km, M3.6, Kuril Islands

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

IDC 15 02:14:15.1:2.7, 6053S:4711W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.6/15, mbtmp3.9/3, MS3.3/3, Ms1 2.0/3, ms1mx3.3/13, Error ellipse: s-maj=120.5km s-min=34.3km az=25.0, Scotia Sea

Table for 2007 JUN section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

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Table with columns: CPUP, MAW, BOSA. Includes station names, coordinates, and various codes.

TORD Torodi Ar. Bea 83.06 48 P P 02 26 41.4 -0.8 BVAR Borovoye Array 146.16 74 PKPbc PKPbc 02 33 55.1 -0.8 MKAR Makanchi Array 147.91 92 PKPbc PKPbc 02 33 59.0 -2.0

NEIC 15 02:14:19.3, 3925S:17519E, h11km, ML3.9(WEL), After 15 02:14:19.3, 3925S:17519E, h11km, ML3.9(WEL), After 15 02:14:19.3, 3925S:17519E, h11km, ML3.9(WEL), After

NEIC Feit at Okunine. WEL 15 02:14:19.2:0.1, 3924S:17518E, h8km, 1km, ML3.9/48, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0, North Island

Main table for 436 section, listing station names (e.g., Code, Station Name, coordinates, Phase ID, Time, Res), station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAF Rauma, KAF Kangasniemi, HFS Hagfors, etc.

ISCJB 15 02:43:56.2,0.5,3906N:003:2108E:004,h3km, Error ellipse: s-maj=4.8km s-min=4.1km az=37.7

ATH 15 02:43:56.2,3902N:2103E,h28km,1km,MD3.3/4 NEIC 15 02:43:56.2,3902N:2103E,h28km,MD3.3(ATH),After ATH.

CSEM 15 02:43:57.2,0.1,3903N:2106E,h15km,ML2.7, Error ellipse: s-maj=3.1km s-min=2.7km az=2.0

THE 15 02:43:57.2,3906N:2106E,h3km,ML2.7 ISC 15 02:43:57.2,0.6,3907N:004:2107E:006,h22km,8km,n15, #0579/20, Greece

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

FUNUV 15 02:56:52.1,947N:6158W,h20km,MW3.1 ISCJB 15 02:56:53.0,0.9,945N:004:6180W:005,h69km,17km, Error ellipse: s-maj=8.9km s-min=6.7km az=5.8

TRN 15 02:56:55.4,961N:6179W,h25km,MD3.1 ISC 15 02:56:55.8,0.9,946N:004:6175W:005,h67km,20km,n17, #0591/28,2C,Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TPP Pointe-a-Pierr, TRN Trinidad (W), GUVI Guiria, etc.

MAN 15 03:00:02,1030N:12530E,h1km,mb4.2,ML3.0,MS2.7, 1C,Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSLP Maasin, SCPH Surigao, PLP Palo, etc.

ISCJB 15 03:14:53.8,0.5,3904N:003:2110E:004,h10km, Error ellipse: s-maj=5.2km s-min=4.4km az=146.6

CSEM 15 03:14:54.9,0.1,3902N:2105E,h25km,ML2.8, Error ellipse: s-maj=3.9km s-min=3.3km az=155.0

ATH 15 03:14:54.3,3897N:2105E,h20km,5km,MD3.3/4 THE 15 03:14:54.7,3905N:2108E,h3km,ML2.8 NEIC 15 03:14:54.3,3897N:2105E,h20km,MD3.3(ATH),After ATH.

ISC 15 03:14:54.5,0.5,3904N:003:2109E:004,h10km,n13, #0513/17, Greece

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

CSEM 15 03:31:28.0,3744N:3784E,h7km,MD3.5, After ERD DDA 15 03:31:28.0,3744N:3784E,h7km,6km,MD3.5, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes station GZT Gaziantep.

Table with columns: GZT, ATAB, ATAB, Az, AzZ, Phase ID, Time, Res. Includes station Bozova.

ISCJB 15 03:36:59.6,0.6,1080N:004:6237W:003,h76km,7km, Error ellipse: s-maj=7.4km s-min=4.6km az=2.1

FUNUV 15 03:37:01.0,1055N:0230W,h64km,MW3.2 TRN 15 03:37:03.0,1091N:0221W,h64km,MD3.1 ISC 15 03:37:00.6,0.6,1081N:004:6237W:003,h69km,8km,n16, #086/29,1D,Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUVI Guiria, TCE Chacachacare, GUNV Guanoco, etc.

MAN 15 03:38:23,1034N:12494E,h25km,mb4.0,ML2.8,MS2.5, 1C,Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSLP Maasin, PLP Palo, CNP Catarman.

ISCJB 15 03:48:33.8,0.2,5859S:004:2621W:009,h148km, mb5.2/45, Error ellipse: s-maj=7.7km s-min=4.6km az=139.7

NEIC 15 03:48:34.9,0.1,5860S:2624W,mb5.4/32,MW5.4, Error ellipse: s-maj=7.1km s-min=5.3km az=207.0, Moment Tensor Solution, s8 Moment tensor: Scale 1017Nm; Mw0.39; Mw0.58; Mw0.7; Mw0.79; Mw0.82; Mw0.83; Best double couple: M1:70000*1017; N1:36.00000*1017; P1:113.00000*1017; NP2:146.00000*1017; NP3:146.00000*1017; NP4:146.00000*1017; NP5:146.00000*1017; NP6:146.00000*1017; NP7:146.00000*1017; NP8:146.00000*1017; NP9:146.00000*1017; NP10:146.00000*1017; NP11:146.00000*1017; NP12:146.00000*1017; NP13:146.00000*1017; NP14:146.00000*1017; NP15:146.00000*1017; NP16:146.00000*1017; NP17:146.00000*1017; NP18:146.00000*1017; NP19:146.00000*1017; NP20:146.00000*1017; NP21:146.00000*1017; NP22:146.00000*1017; NP23:146.00000*1017; NP24:146.00000*1017; NP25:146.00000*1017; NP26:146.00000*1017; NP27:146.00000*1017; NP28:146.00000*1017; NP29:146.00000*1017; NP30:146.00000*1017; NP31:146.00000*1017; NP32:146.00000*1017; NP33:146.00000*1017; NP34:146.00000*1017; NP35:146.00000*1017; NP36:146.00000*1017; NP37:146.00000*1017; NP38:146.00000*1017; NP39:146.00000*1017; NP40:146.00000*1017; NP41:146.00000*1017; NP42:146.00000*1017; NP43:146.00000*1017; NP44:146.00000*1017; NP45:146.00000*1017; NP46:146.00000*1017; NP47:146.00000*1017; NP48:146.00000*1017; NP49:146.00000*1017; NP50:146.00000*1017; NP51:146.00000*1017; NP52:146.00000*1017; NP53:146.00000*1017; NP54:146.00000*1017; NP55:146.00000*1017; NP56:146.00000*1017; NP57:146.00000*1017; NP58:146.00000*1017; NP59:146.00000*1017; NP60:146.00000*1017; NP61:146.00000*1017; NP62:146.00000*1017; NP63:146.00000*1017; NP64:146.00000*1017; NP65:146.00000*1017; NP66:146.00000*1017; NP67:146.00000*1017; NP68:146.00000*1017; NP69:146.00000*1017; NP70:146.00000*1017; NP71:146.00000*1017; NP72:146.00000*1017; NP73:146.00000*1017; NP74:146.00000*1017; NP75:146.00000*1017; NP76:146.00000*1017; NP77:146.00000*1017; NP78:146.00000*1017; NP79:146.00000*1017; NP80:146.00000*1017; NP81:146.00000*1017; NP82:146.00000*1017; NP83:146.00000*1017; NP84:146.00000*1017; 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Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include N08A GE Springer Mi, P06A Stead Airport, P05C Yuba Gap, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include D13A Huson, H08A Prairie City, I07A Brazier, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include ULHL Ulahol, A09A Danville, TKM2 Tokmak 2, etc.

az=51.0
ISCJB 15 04:46:03.9, 1.0, 4.9N, 02-938E, 02, h33km, mb4.0/10,
Error ellipse: s-maj=31.2km s-min=12.0km az=139.3
NEIC 15 04:46:08.7, 1.1, 5.20N, 94.18E, mb4.3/2, Error ellipse:
s-maj=45.0km s-min=11.1km az=50.0
ISC 15 04:46:06.5, 1.1, 5.0N, 02-938E, 02, h35km, n15, o122/15,
mb4.0/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PSI Prapat, CHTO Chiang Mai, MK31 Makanchi Array, etc.

ISCJB 15 05:21:59.9, 3.2, 4.31S, 006-1527E, 01, h53km, 2gkm,
mb4.6/36, MS3.7/10, Error ellipse: s-maj=17.0km
s-min=10.0km az=175.6
IDC 15 05:21:59.4, 2.4, 4.29S, 152.66E, h34km, 17km, mb4.3/17,
mb1.4, 3/18, mb1mx4.3/21, mbtmp4.3/18, ML3.9/1, MS3.6/9,
ms1.3/9, ms1mx3.4/24, Error ellipse: s-maj=19.8km
s-min=11.2km az=92.0
NEIC 15 05:22:04.7, 2.7, 4.34S, 152.65E, h84km, 23km, mb4.5/18,
Error ellipse: s-maj=19.4km s-min=8.2km az=79.0
BUJ 15 05:22:07.9, 3.75S, 152.69E, h102km, mb4.9, mb4.8
ISC 15 05:22:00.3, 2.2, 4.34S, 005-1527E, 009, h41km, 20km,
n66, o092/54, mb4.6/36, MS3.7/10, 2C-2D, New Britain
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include COEN Coen, CTA Charters Tower, CTAO Charters Tower, KAKA Kaka, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ULN Ulanbaatar, SONM Songino Array, CASY Casey, VVDA Vanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BRVK Borovoye Array, YKO Syowa Base, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MSLP Maasin, SCPH Surigao, PLP Palo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include LVC Limon Verde, CFAA Coronel Fontan, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WVT Waverly, TXAR Lajitas Arr, WCI Wyandotte Cave, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MSLP Maasin, SCPH Surigao, PLP Palo, etc.

ISCJB 15 06:01:56.2, 1.1, 2.88S, 02-177W, 02, h33km, mb3.9/6,
Error ellipse: s-maj=30.8km s-min=12.4km az=142.5
NEIC 15 06:01:57.6, 1.2, 2.88S, 02-177W, h30km, mb3.6/1, Error
ellipse: s-maj=34.5km s-min=21.2km az=158.0
IDC 15 06:01:57.6, 6.9, 2.87S, 172.22W, h32km, 48km, mb3.7/5,
mb1.3, 9/5, mb1mx3.7/14, mbtmp3.7/5, MS3.6/1, Ms1.3/5,
ms1mx2.7/25, Error ellipse: s-maj=34.6km s-min=26.9km
az=154.0
ISC 15 06:01:56.0, 1.0, 6.8, 2.88S, 02-177W, 02, h18km, 43km, n14,
o078/9, mb3.9/6, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include RAO Raoul Island, ARMA Armidale, PPT Papeete, etc.

MOS 15 06:03:57.7, 1.6, 3.450N, 73.16E, h33km, mb4.3/5, Error
ellipse: s-maj=18.9km s-min=10.1km az=94.9
ISCJB 15 06:03:59.0, 0.7, 3.461N, 003-733E, 007, h56km, 9km,
mb3.9/8, Error ellipse: s-maj=10.7km s-min=4.6km
az=158.9
NEIC 15 06:04:01.7, 0.8, 3.457N, 73.37E, h51km, 10km, Error
ellipse: s-maj=12.6km s-min=6.9km az=58.0
NMC 15 06:04:03.7, 4.1, 3.511N, 72.49E, h0km, mb3.5, mpv3.9,
Error ellipse: s-maj=54.3km s-min=25.8km az=40.0
IDC 15 06:04:03.5, 4.9, 3.472N, 73.15E, h11km, 44km, mb3.7/9,
mb1.3, 8/13, mb1mx3.6/26, mbtmp3.7/13, ML3.7/3, Error
ellipse: s-maj=26.0km s-min=19.2km az=22.0
ISC 15 06:04:01.0, 0.6, 3.463N, 003-733E, 007, h47km, 8km, n54,
o131/63, mb3.9/8, 6C-3D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include THN Thin Dam, DLH Dalhousie, KBL Kabul, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ala-Archa, Tokmak 2, Karatay Array, etc.

ISC/JB 15 06:36:24.61.0.532N.01x16688W.009,h51km,9km, mb3.6/10,MS2.9/4, Error ellipse: s-maj=18.4km,

NEIC 15 06:36:25.81.1.5319N.16682W,h42km,11km,mb4.1/1, ML3.0(AEIC), Error ellipse: s-maj=17.3km s-min=8.5km

ISC 15 06:36:27.05.1.5302N.16703W,h66km,45km,mb3.3/9, mb1.3/6,10,mb1mx3.4/28,mbtmp3.4/10,ML3.6/1,MS2.9/4,

ISC 15 06:36:25.91.0.532N.01x16690W.010,h44km,10km,n21, a1505/23,mb3.6/10,MS2.9/4, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Unalak Valley, Akutan Long Va, etc.

ISC 15 06:38:57.30.9.1674S.17338E,h0km,mb4.1/8, mb1.4/3.8,mb1mx4.1/15,mbtmp4.1/8,MS3.6/9,Ms1.3/6.9,

ms1mx3.4/17, Error ellipse: s-maj=37.4km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Afiamaulu, Raoul Island, Urewera, etc.

ISC/JB 15 06:41:52.05.0.4693S.008x110W.0.1,h10km,mb4.0/16, MS3.6/9, Error ellipse: s-maj=12.4km s-min=10.4km

ISC 15 06:41:52.05.0.4701S.1103W,h0km,mb4.1/16, mb1.4/2/16,mb1mx1.1/23,mbtmp4.1/16,MS3.6/9,

NEIC 15 06:41:54.04.0.4701S.1102W,h10km, Error ellipse: s-maj=10.7km s-min=8.0km az=158.0

ISC 15 06:41:54.04.0.5.4697S.008x110W.0.1,h10km,n25, a0565/21,mb4.0/16,MS3.6/9, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Neumayer-Stat, Neumayer-Watz, Snaae, etc.

ISC 15 06:52:11.8.4015N.3853E,h5km,MD3.1

ISC/JB 15 06:52:12.6.0.5.4015N.002x3852E.004,h5km, Error ellipse: s-maj=4.9km s-min=3.5km az=8.2

CSEM 15 06:52:12.3.0.1.4017N.3856E,h12km,MD3.1, Error ellipse: s-maj=3.1km s-min=1.8km az=90.0

DDA 15 06:52:12.1.4011N.3852E,h7km,1km,MD3.1

ISC 15 06:52:13.5.0.6.4017N.003x3855E.005,h10km,7km,n16, a0996/24, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Espiye-Giresun, Gumushane, etc.

ISC 15 07:31:04.9.3.5.1862N.12148E,h0km,mb3.3/3, mb1.3/8.3,mb1mx3.4/20,mbtmp3.3/3, Error ellipse:

s-maj=300.5km s-min=25.2km az=61.0

mb3.5/3, Error ellipse: s-maj=10.8km s-min=7.3km

az=169.6

MAN 15 07:31:14, 1831N.12075E,h21km,mb4.9,ML3.9,MS3.9

MAN INTENSITY II - PASUQUIN, ILOCOS NORTE, ISC 15 07:31:09.21.3.1858N.005.12066E.005,h1km,6km,n16, a087/25,mb3.5/3,1C-2D,Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Conner, Dolores, Mt. Cagua, etc.

ISC 15 08:00:09.43.3.5247N.3486E,h0km,mb1.3/8/3, mb1mx3.4/22,mbtmp3.7/3,ML3.3/4, Error ellipse:

s-maj=38.5km s-min=11.4km az=116.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Main Array Be, Alice Springs, etc.

ATH 15 08:00:10.1.3784N.2757E,h18km,2km,MD3.8/12

ISK 15 08:00:10.3.3777N.2742E,h5km,ML3.9

CSEM 15 08:00:10.9.0.1.3778N.2749E,h5km,MD3.6, Error ellipse: s-maj=1.6km s-min=1.1km az=84.0

NEIC 15 08:00:10.1.3784N.2757E,h18km,MD3.8(ATH), ML3.9(ISK), After ATH

MOS 15 08:00:10.6.1.5.3787N.2745E,h10km,mb3.7/1, Error ellipse: s-maj=15.0km s-min=9.1km az=164.4

ISC/JB 15 08:00:11.0.0.4.3780N.002x2745E.002,h4km,4km, Error ellipse: s-maj=3.1km s-min=2.6km az=164.4

DDA 15 08:00:11.3.3780N.2750E,h7km,3km,MD3.6

THE 15 08:00:13.2.3789N.2745E,h2km,ML4.3

ISC 15 08:00:11.8.0.4.3780N.001x2746E.002,h4km,3km,n96, a1506/16,4C-3D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GZelcam!, Samos, Milas, etc.

NOA NORSAR Array B 81.23 29 P P 10 46 16.4 -0.1
NOA NORSAR Array B 81.23 29 P P 10 46 16.4 -0.1
ARCES ARCES Array B 86.58 20 P P 10 46 43.0 -0.6

IDC 15 10:57:19.0-1.3, 624S, 13023E, h0km, mb4.3/3, mb1 4.5/6, mb1mx3.0/14, mbtmp4.4/6, ML4.3/3, Error ellipse: s-maj=52.6km s-min=21.7km az=71.0, Banda Sea

Code Station Name Az AZZ Phase ID Time Res
BATI Baumata 7.60 238 Op ISC h m s ISC
BATI Baumata 5.1nm, 0.3s, baz=117, slow=11, SNR=3.4

CSEM 15 11:09:16.5-0.1, 3777N, 2745E, h15km, MD2.9, Error ellipse: s-maj=3.0km s-min=1.6km az=74.0
ISK 15 11:09:16.4, 3781N, 2750E, h12km, MD2.9

Code Station Name Az AZZ Phase ID Time Res
GCAM G?zelcam? 0.22 246 Op ISC h m s ISC
GCAM G?zelcam? 1.09 21.8 -0.4
MLSB Milas 0.54 155 ePg Pg 11 09 28.0 -0.1

MAN 15 11:14:50, 1029N, 12509E, h20km, mb4.1, ML3.0, MS2.7, 1C, Leyte

Code Station Name Az AZZ Phase ID Time Res
MSLP Maasin 0.28 236 eP Pn 11 14 58.4 +2.1
MSLP Maasin 11 15 06.8 +6.2
SCPH Surigao 0.64 142 eS Sg 11 15 04.0 -0.7

SGS 15 11:39:39.9, 3009N, 3634E, h5km
CSEM 15 11:39:41.7, 0.5, 2964N, 3632E, h2km, ML2.9, Error ellipse: s-maj=11.8km s-min=6.7km az=71.0

HLW 15 11:39:41.8, 2962N, 3659E, h25km, Mb2.9
GII 15 11:39:41.9, 1.0, 2988N, 3622E, h0km, ML2.4/10, EXPLOSION

Code Station Name Az AZZ Phase ID Time Res
HRFI Mount Harif 1.17 280 Op ISC h m s ISC
HRFI Mount Harif 11 40 02.0 -1.0
EIL Elat 1.24 262 Pg Sg 11 40 18.8 +0.6

IDC 15 11:54:02.0-1.6, 282S, 11696E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/17, mbtmp4.0/3, Error ellipse: s-maj=241.6km s-min=115.7km az=41.0, Borneo

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 24.04 136 Op ISC h m s ISC
ASAR Alice Springs 26.43 143 P P 11 59 40.5 -0.1

KRSC 15 12:33:07.6-0.4, 5541N, 16057E, h190km, 30km, ML3.6, Kamchatka Peninsula

Code Station Name Az AZZ Phase ID Time Res
TUMR Tumrok 0.27 242 iP Pn 12 33 34.3 +1.5

TUMR Kamenistaya 4.00 332 iP Pn 12 33 53.2 +1.0
KMNR Kamenistaya 12 33 39.9 +0.8
MKZ Mys Kozlova 1.09 142 eP Pn 12 33 38.9 +2.0

MAN 15 13:14:03, 1036N, 12555E, h68km, mb3.7, ML2.4, MS1.9, Leyte

ISCJB 15 13:17:04.9-1.0, 3792N, 005:2938E, 008, h10km, Error ellipse: s-maj=10.2km s-min=5.9km az=28.7
DDA 15 13:17:04.8, 3799N, 2914E, h7km, 1km, MD2.8

Code Station Name Az AZZ Phase ID Time Res
KHAL Karahalli 0.44 14 iP Pn 13 17 13.0 -0.9
KHAL Karahalli 13 17 20.7 +0.8
TKTP Tekketepe 0.77 82 iP Pn 13 17 20.3 +0.2

KRSC 15 13:23:47.2-1.3, 4999N, 15660E, h59km, 5km, ML3.7, Kuril Islands

Code Station Name Az AZZ Phase ID Time Res
ALID Alaid 1.11 323 eP Pn 13 24 08.9 -0.1
ALID Alaid 13 24 24.2 +1.4
MIPR Malaya Ipe'l'ka 2.29 2 eP Pn 13 24 26.0 +0.4

TEH 15 13:37:30.5, 3032N, 5760E, h13km, ML4.0
ISCJB 15 13:37:41.6-0.6, 3026N, 004:5753E, 005, h10km, Error ellipse: s-maj=7.2km s-min=4.6km az=140.7

CSEM 15 13:37:41.4, 0.1, 3023N, 5756E, h16km, ML3.7, Error ellipse: s-maj=2.0km s-min=1.5km az=33.0
THR 15 13:37:41.0, 1.5, 3019N, 5748E, h16km, ML3.7

NEIC 15 13:37:44.2, 3032N, 5760E, h13km, MN4.0(TEH), After TEH.
ISC 15 13:37:43.0-1.0, 6, 3025N, 004:5752E, 005, h10km, n21, r124/23, Northern and central Iran

Code Station Name Az AZZ Phase ID Time Res
KRBR Kerman 0.71 248 ePg Pn 13 37 53.6 -3.3
KRBR Kerman 13 38 02.8 -3.4
KRBR comp=N, 6um, 0.5s 13 38 03.6

IBAF Bafgh 2.15 309 ePn Pn 13 38 19.1 +0.1
IBAF Bafgh 13 38 46.3 +0.7
IBAF Bafgh 13 38 46.3 +0.7
IBAF Bafgh 13 38 46.3 +0.7

MAN 15 13:54:23, 1123N, 12629E, h60km, mb4.7, ML3.6, MS3.5, 1C, Philippine Islands region

Code Station Name Az AZZ Phase ID Time Res
BESP Borongan 0.92 294 eP Pn 13 54 40.1 +0.2
BESP Borongan 13 54 55.9 +3.3
PLP Palo 1.29 267 iP Pn 13 54 44.5 -0.4

ISCJB 15 13:54:53.3-1.8, 3460N, 005:7305E, 007, h8km, 14km, mb3.4/5, Error ellipse: s-maj=11.5km s-min=6.7km az=141.0

NDI 15 13:54:53.3-2.4, 3495N, 7291E, h0km, ML3.0
ISC 15 13:54:53.8-1.1, 3462N, 7316E, h0km, mb3.5/5, mb1 3.6/7, mb1mx3.5/24, mbtmp3.5/7, ML3.3/2, Error ellipse: s-maj=37.0km s-min=23.8km az=59.0

NEIC 15 13:54:55.0-0.8, 3465N, 7323E, h10km, Error ellipse: s-maj=15.7km s-min=14.9km az=194.0
ISC 15 13:54:55.1-1.9, 3469N, 006:7313E, 007, h4km, 14km, n22, EXPLOSION

Code Station Name Az AZZ Phase ID Time Res
Thein Dam 3.12 135 eP Pn 13 55 48.5 +3.5
DLH Dahlousie 3.19 131 eP Pn 13 56 32.2
KBL Kabil 3.37 269 eP Pn 13 55 57.0 +2.5

KHET Khetri 6.98 160 eS Pn 13 57 56.8 -1.1
KHET comp=E, 57nm, 0.8s 13 57 55.0

UCH Uchtor 7.61 8 eP Pn 13 56 50.9 +4.2
KK31 Kararay Arr 8.65 347 iP Pn 13 57 03.2 +2.2
KK31 comp=N, 0.5nm, 0.3s, baz=154, slow=11, SNR=17

DANN Danging 11.05 122 eP Pn 13 57 33.5 -0.4
DMN Daman 12.44 121 eP Pn 13 57 51.7 -1.3
PKI Pulchoki 12.67 121 eP Pn 13 57 54.6 -1.5

BVAR Borovoye Arr 18.44 355 P Pn 13 59 13.0 +1.6
AKTK Akt'yubinsk 19.22 330 P Pn 13 59 20.1 -0.8
AKTO Akt'yubinsk 19.23 330 P Pn 13 59 20.1 -0.8

ZALV Zalesovo Beam 20.94 20 P Pn 13 59 37.8 -0.9
ARCES ARCES Array B 43.48 338 P Pn 14 02 58.5 -0.5
TORD Torodi Arr, Bea 67.44 271 P Pn 14 05 51.8 -0.5

WRA Warramunga Arr 79.55 123 P Pn 14 07 02.6 -0.9
ASAR Alice Springs 81.79 126 P Pn 14 07 14.8 -0.6

KRSC 15 13:56:27.1-1.3, 4954N, 15640E, h10km, 10km, ML3.6, Kuril Islands

Code Station Name Az AZZ Phase ID Time Res
ALID Alaid 1.44 338 P Pn 13 56 53.2 0.0
ALID Alaid 13 57 12.2 +0.1
MIPR Malaya Ipe'l'ka 2.75 5 P Pn 13 57 12.8 +1.6

ISCJB 15 13:58:10.5-1.6, 3589N, 006:2730E, 01, h2km, 15km, Error ellipse: s-maj=16.3km s-min=5.9km az=28.4
CSEM 15 13:58:11.6-0.1, 3592N, 2726E, h10km, MD3.1, Error ellipse: s-maj=6.1km s-min=2.4km az=123.0

ATH 15 13:58:11.2, 3592N, 2727E, h5km, MD3.1
ISK 15 13:58:12.8, 3603N, 2740E, h2km, MD3.1
ISC 15 13:58:11.6-0.9, 3591N, 004:2730E, 010, h5km, 11km, n8, r037/12, 1C, Dodecanese Islands

Code Station Name Az AZZ Phase ID Time Res
KARP Karpathos 0.38 198 iP Pn 13 58 18.7 -0.2
KARP Karpathos 13 58 24.1 +0.3
ARG Arkhangelos 0.73 65 eP Pn 13 58 26.1 -0.8

ISCJB 15 14:03:49.6-0.7, 3609N, 004:14078E, 007, h68km, 6km, mb3.4/4, Error ellipse: s-maj=9.9km s-min=7.4km az=5.9
NEIC 15 14:03:49.6-1.8, 3607N, 14081E, h48km, 17km, MG3.1(JMA), Error ellipse: s-maj=21.1km s-min=15.3km az=119.0

IDC 15 14:03:50.1-2.5, 3610N, 14084E, h53km, 21km, mb3.1/4, mb1 3.4/8, mb1mx3.2/24, mbtmp3.4/8, ML3.6/4, Error ellipse: s-maj=23.4km s-min=9.6km az=65.0
JMA 15 14:03:52.0-0.1, 3611N, 14051E, h56km, 10km, MG3.1
ISC 15 14:03:50.9-0.6, 3609N, 004:14078E, 007, h56km, 7km, n19, r089/24, mb3.4/4, Near east coast of eastern Honshu

Code Station Name Az AZZ Phase ID Time Res
JYT Yasato 0.46 287 P Pn 14 04 01.7 -0.4
JYT Yasato 14 04 08.0 -2.2
JHT Hitachi 0.53 346 P Pn 14 04 03.7 +0.7

ASAJ Asahikawa 8.14 10 P Pn 14 05 45.2 -1.1
KSRS Kurea Arr 10.37 281 P Pn 14 06 19.2 +2.4
YSS Yuzh-Sakhalins 10.96 7 Pn 14 06 23.8 -1.0

ZALV Zalesovo Beam 42.15 313 P Pn 14 11 37.8 +0.0
MKAR Mantschi Arr 44.16 303 P Pn 14 11 53.9 0.2
WRA Warramunga Arr 56.06 187 P Pn 14 13 23.1 -1.0

ASAR Alice Springs 81.79 126 P Pn 14 13 50.2 +0.1
SGS 15 14:04:34.5, 3001N, 3642E, h18km
ISCJB 15 14:04:35.3-1.1, 2987N, 003:3619E, 006, h10km, Error ellipse: s-maj=7.1km s-min=4.9km az=175.1

GII 15 14:04:35.2-0.8, 2990N, 3615E, h0km, ML2.6/8, EXPLOSION
ISC 15 14:04:33.7-1.1, 2986N, 003:3630E, 006, h0km, n14, r060/21, Western Arabian Peninsula

Code Station Name Az AZZ Phase ID Time Res
HRFI Mount Harif 1.11 279 Pg Sg 14 04 54.5 -0.5
HRFI Mount Harif 14 05 08.8 -0.6
EIL Elat 1.19 261 Pg Pn 14 04 56.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Zfri, Mount Berech, HOL S, PRNI, JLOS, KAMI, MZDA, DSI, KZIT, RSHS.

DJA 15 14:13:17, 055N, 96.11E, h33km, ML4.3/4
ISCJB 15 14:13:20.5-0.8, 058N, 101.973E, 02, h33km, mb3.8/9, MS3.5/2, Error ellipse: s-maj=23.0km s-min=13.0km az=18.4

NEIC 15 14:13:20.6, 1.00N, 96.99E, h0km, mb3.7/8, mb1 3.7/9, mb1 mx3.6/23, mbtmp3.7/9, ML2.8/1, MS3.5/2, MS1 3.5/2, ms1mx2.7/31, Error ellipse: s-maj=37.7km s-min=20.1km az=52.0

NEIC 15 14:13:22.4, 0.6, 061N, 97.26E, h30km, mb4.1/1, Error ellipse: s-maj=18.7km s-min=10.4km az=106.0

ISC 15 14:13:23.0-0.8, 060N, 101.973E, 02, h35km, n15, 054/14, mb3.8/9, MS3.5/2, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI, KULM, COCO, BATI, WRA, ASAR, UCH, KSRS, SONM, MKAR, ZAAO, ZALV, BVAR, AKASG.

MAN 15 14:18:05, 1041N, 12520E, h4km, mb4.4, ML3.2, MS3.0, 2C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSLP, SCPH, PLP, OCLP, BESP, LLP, BUTP, TBP, CNP, GUM, PVCP.

ISCJB 15 14:57:23.4-0.9, 1288N, 009.9083W, 007, h10km, mb4.2/13, MS3.5/5, Error ellipse: s-maj=13.8km s-min=8.6km az=32.5

CASC 15 14:57:24.6-2.2, 1288N, 91.14W, h1, h1km, 43km, MD3.7, mb4.2(NEIC)

ISC 15 14:57:27.8-1.5, 1362N, 90.39W, h0km, mb4.2/5, mb1 4.3/8, mb1 mx4.0/23, mbtmp4.1/8, ML3.8/3, MS3.1/5, MS1 3.1/5, ms1mx2.7/38, Error ellipse: s-maj=47.8km s-min=18.6km az=40.0

NEIC 15 14:57:28.0-1.0, 1329N, 90.67W, h10km, mb4.2/10, Error ellipse: s-maj=21.3km s-min=11.0km az=209.0

BUI 15 14:57:28.0, 1330N, 90.70W, h10km, Ms4.8, Msz4.6

ISC 15 14:57:26.5-3.3, 1288N, 008.9081W, 008, h19km, 22km, n5, 0, c140/36, mb4.2/13, MS3.5/5, 6C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SBLS, RTR, SNJE, FUG, RBDL, FG6, BOQS, NBG, LFRS, LCB5, SNVI, MTO2, VSM, CAHU, TGHU, CMIG, CMIG, CMIG, TEIG, SDV, TXAR, TXAR, LPIG, MIAR, MNTX, TKL, TKL, TZTN, BNM, COWI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVAR, AGHM, ULM, MCMCT, ULM, ULM, WALA, SIV, SCH, YKA, YKA, INK, NOA, CN2, WHQ, NLZ, LZH, CZH.

ISC 15 14:58:07.8-6.4, 0.0, 2266S, 17771W, h0km, mb3.6/3, mb1 3.8/3, mb1 mx3.5/15, mbtmp3.6/3, Error ellipse: s-maj=117.9km s-min=172.7km az=86.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STKA, ASAR, WRA.

ISCJB 15 15:02:37.3-0.5, 584S, 0.1, 1396W, 02, h10km, mb4.6/16, MS4.3/7, Error ellipse: s-maj=15.6km s-min=11.4km az=164.6

ISC 15 15:02:37.2-0.7, 5813S, 13980W, h0km, mb4.4/10, mb1 4.6/10, mb1 mx4.3/18, mbtmp4.4/10, MS4.0/5, MS1 4.0/5, ms1mx3.6/25, Error ellipse: s-maj=27.4km s-min=17.1km az=166.0

NEIC 15 15:02:38.5-0.4, 5815S, 13976W, h10km, mb4.8/10, Error ellipse: s-maj=16.1km s-min=10.6km az=162.0

BUI 15 15:02:38.5, 5810S, 13980W, h10km, mb5.3, Ms5.5, Msz5.4

ISC 15 15:02:39.2-0.5, 584S, 0.1, 1396W, 02, h10km, (h5km, 9km, PP-P), n47, 01927/27, mb4.6/16, MS4.3/7, 1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SBA, VNA, VNA, VNA, QSPA, QSPA, RPZ, RAO, RAO, RAO, PPT, CASY, PLCA, TAU, VNA, VNA, VNA, VNA, SNA, SNA, AFI, TRQA, SYO, MAW, MAW, MAW, STKA, STKA, LVC, CTAO, LPZA, ASAR, SIV, WRA, WRB, ANMO, NANT, GYA, GYA, GYA, GYA, GYA, GYA, GYA, KMI, TOAO, TORO, CN2, HHC, HHC, HHC, LZH, LZH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TIXI, WMQ, KBL, MKAR, MKAR, UCH, UCH, ZALV.

ISC 15 15:14:59.0-0.7, 5807S, 13970W, h0km, mb4.1/8, mb1 4.3/8, mb1 mx4.2/13, mbtmp4.1/8, MS4.2/14, MS1 4.2/14, ms1mx4.1/21, Error ellipse: s-maj=31.1km s-min=17.9km az=176.0

ISCJB 15 15:15:00.4-0.6, 582S, 0.2, 1398W, 02, h10km, mb4.2/12, MS4.3/14, Error ellipse: s-maj=23.8km s-min=13.6km az=166.7

NEIC 15 15:15:01.2-0.4, 5798S, 13980W, h10km, mb4.8/5, Error ellipse: s-maj=21.8km s-min=12.6km az=175.0

GCMT 15 15:15:04.2, 5800S, 13980W, h10km, MW5.0/77, Moment Tensor Solution, 834, 642, 577, 699; Duration: 0; Moment tensor: Scale 1019Nm; Mr, 3.4, 10; Mw, 1.27, 13; Ms, 2.07, 08; Mo, 0.07, 37; Mo, -0.86, 08; Mr, 1.54, 28; Best double couple: M, 3.33500, 1016 NP1, 21.00000, 833.00000, 1.06.00000. NP2: 0.21.00000, 858.00000, 1.80.00000. Principal axes: T 3.7530, Plg75.0000, Azm263.0000, N -0.8350, Plg8.0000, Azm26.0000; P -2.9170, Plg13.0000, Azm18.0000; s; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

BUI 15 15:15:04.2, 5800S, 13980W, h10km

ISC 15 15:15:02.4-0.6, 582S, 0.2, 1398W, 02, h10km, n39, 0885/17, mb4.2/12, MS4.3/14, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VNA, QSPA, QSPA, RKT, PPT, PLCA, PLCA, TRQA, MAW, STKA, STKA, CPUP, CTA, HNR, LPZA, LPZA, ASAR, WRA, WRAB, ITAV, OFIZ, BDFB, ROSC, BATI, BOSA, YKA, PETK, TORO, TIXI, WMQ, KBL, MKAR, MKAR, UCH, UCH, ZALV, AKASG.

ISCJB 15 15:46:46.2-4.2, 383S, 008.1403E, 02, h40km, 21km, mb4.0/5, MS3.8/3, Error ellipse: s-maj=33.0km s-min=10.7km az=17.4

ISC 15 15:46:48.1-4.6, 393S, 14080E, h37km, 37km, mb3.9/7, mb1 4.2, mb1 mx3.9/15, mbtmp4.1/8, ML2.2, MS3.6/5, MS1 3.6/5, ms1mx3.2/24, Error ellipse: s-maj=43.0km s-min=13.3km az=104.0

NEIC 15 15:46:52.3-5.4, 398S, 14018E, h64km, 40km, mb4.1/2, Error ellipse: s-maj=55.9km s-min=20.9km az=70.0

ISC 15 15:46:51.6-2.0, 39S, 0.1, 1401E, 01, h62km, 17km, n17, 0594/19, mb4.0/5, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KAKA, WRAB, WRAB, WB2, WRA, WRA, WRA, WRA, BATI.

Table with columns for station name, coordinates, and various parameters. Includes stations like Lusaka, Chiang Mai, Raoul Island, Kilima Mbogo, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Lanzhou, Beijing, Urumqi, Erkin-Say, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Sant, TAOE, ARU, YAK, OBN, MA2, CLL, CLK, CHTO, HNR, QIZ, KMB, WMQ, UCH, TKM, MAJO, EKSZ, PLCA, PPT, PPE, CN2, ULN, MDJ, RKT, HIA, GNI, KURK, TLY, MALT, BRVK, YSS, KIV, DBIC, SANT, etc.

15d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Stephens Creek, ASAR Alice Springs, VANDA Vanda, SNAA Sanae.

MAN 15 17:49:21, 1147N, 12453E, h26km, mb4.6, ML3.4, MS3.4, 1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, CNP Catarman, MSPL Maasin, GUIM Jorjan, GUIM Jorjan, PVPC Virac, OTRP Odiangan.

CSEM 15 17:50:58.6, 0.1, 3845N, 3907E, h16km, mb2.8, Error ellipse: s-maj=3.1km s-min=2.3km az=133.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, SVRC Svirice-ELAZID, PTK Pertek, MYA Malataya, AKCD Akcadag, KEMA Kemalye, URFA Urfa.

IDC 15 18:14:24.9, 8.8, 4623S, 9578E, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.8/13, mbmp4.0/4, MS4.0/3, MS1.4/0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, STKA Stephens Creek, ASAR Alice Springs, VANDA Vanda, WRA Warramunga Arr, SNAA Sanae, VNA2 Neumayer-Watz.

ISCJB 15 18:28:33.7, 0.5, 5145N, 003, 1613E, 003, h0km, Error ellipse: s-maj=4.2km s-min=2.4km az=15.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiatz, UPC Upice, DPC Dobruska-Polom, MORC Moravsky Berou, CLL Collim, VRAV Vranov, TREC Trest, KRUC Moravsky, OJC Ojcow.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOVY KOSTEL, KHC Kasperske Hory, MOX Moxa, GECX Geres Array S, WET Wetzelt, NIE Niedzica, VYH Vyhne, CLY Clausthal, CONA Conrad Observa, BSD Bornholm Skovb, MOA Molin, STHS Stebnicka Huta, SOKA Soboth.

BGS 15 18:49:45.0, 109N, 3079E, h0km, mb6.0, MS5.6 IGIL 15 18:49:46.8, 174N, 3077E, h10km, MS5.6

Duration: 20 Moment tensor: Scale: 10^17Nm; Mw=3.82; 0.7; Mw=1.61; 0.5; Mw=5.48; 0.7; Mw=3.10; 1.0; Mw=4.03; 0.5; Mw=2.11; 1.0; Best double couple: M=7.324000*10^17

NEIC 15 18:49:53.4, 0.1, 172N, 3083E, h24km, mb5.6/149, ME5.5, MS5.8/206, MW5.9 Error ellipse: s-maj=4.1km s-min=2.8km az=62.0

NEIC Feit [IV] at Kampala, Uganda and [III] at Kigali, Rwanda. Feit at Arua, Bunibungu, Entebbe, Gulu, Jinja, Kibaale, Mbale, Mbarara, Mukono, Pakwach and Soroti, Uganda.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBAR Mbarara, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DESE Dese, JAWL J.Aulia, MRKH Merkhyat, ATD Arta Tunnel.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo.

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

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

Table with columns: ID, Name, Address, Phone, Status, Date, Time, Location, etc. Includes entries like Myers Farm, Un, 124.28 334, PKPdf, 19 08 50.3 -0.3, etc.

Table with columns: ID, Name, Address, Phone, Status, Date, Time, Location, etc. Includes entries like N12A Clover Valley, 127.42 328, P, PKPdf, 19 08 58.0 +1.2, etc.

Table with columns: ID, Name, Address, Phone, Status, Date, Time, Location, etc. Includes entries like W14A Seligman, 130.07 321, P, PKPdf, 19 09 03.5 +1.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stebnicka Huta, Cervecnia-Dubn, NORSAR Subarra, etc.

0.3nm,0.2s,baz=130,slow=6.4,SNR=3.0

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

IGQ 15 21:29:38.4, 134S-8135W, h8km,5km, Mb4.5, Ms4.3, 3C-1D, Error ellipse: s-maj=8.5km s-min=6.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHIS Cerro-Chispas, IGUA Iguatula, IGUA Iguatula, etc.

NEIC 15 21:51:21.6, 3499Sx7059W, h18km, ML3.2(GUC), After GUC

GUC 15 21:51:21.6, 0.6, 3499Sx7059W, h18km,5km, MD3.8, ML3.2, 6C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFDO San Fernando, NICH Los Niches, NICH Los Niches, etc.

ISCJB 15 22:10:46.3, 0.4, 3962N,002-2058E,003, h2km,3km, Error ellipse: s-maj=3.5km s-min=2.9km az=35.0

NEIC 15 22:10:47.5, 3964N-2062E, h16km, ML3.5(ATH), ML3.8(TH), After ATH

ATH 15 22:10:47.5, 3964N-2062E, h16km,1km, MD3.5/10 CSEM 15 22:10:48.0, 1, 3970N-2048E, h2km, MD3.5, Error ellipse: s-maj=1.8km s-min=1.6km az=60.0

THE 15 22:10:48.0, 3962N-2048E, h3km, ML3.8

ISC 15 22:10:47.5, 0.4, 3964N,002-2060E,002, h3km,3km, n50, r1508/79, 1C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, IGT Igoumenitsa, MEV Metsovno, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, TIR Tirane, KRUS Krusevo, etc.

IDC 15 22:14:53.9, 31.0, 1878S-17747W, h533km,274km, mb3.1/2, mb1 3.4/2, mb1mx2.9/15, mbtmp3.1/2, Error ellipse: s-maj=320.0km s-min=73.0km az=127.0, Fiji Islands region

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

NEIC 15 22:50:12.5, 3815N-2036E, h13km, MD3.5(ATH), After ATH

ATH 15 22:50:12.5, 3815N-2036E, h13km, MD3.5/7

ISCJB 15 22:50:13.6, 1.0, 3828N,003-2043E,007, h3km, Error ellipse: s-maj=8.1km s-min=3.9km az=154.4

THE 15 22:50:13.6, 3829N-2040E, h3km, ML3.2

CSEM 15 22:50:14.4, 0.3, 3828N-2046E, h2km, MD3.5, Error ellipse: s-maj=7.6km s-min=3.2km az=62.0

ISC 15 22:50:13.7, 1.1, 3827N,004-2042E,007, h3km,7km, n16, r0892/7, 2C, Greece

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

ISCJB 15 22:55:58.3, 0.6, 3686N,003-1547E,003, h18km,5km, Error ellipse: s-maj=4.9km s-min=4.1km az=173.6

CSEM 15 22:55:59.3, 0.1, 3692N,1539E, h30km, ML4.2/7, Error ellipse: s-maj=2.5km s-min=1.6km az=174.0

NEIC 15 22:56:00.0, 3696N-1538E, h17km, ML3.5(ROM), After ROM

ROM 15 22:56:00.0, 0.2, 3696N-1538E, h17km,1km, MD3.2/24, M3.5/33, Error ellipse: s-maj=2.2km s-min=1.5km az=121.0

THE 15 22:56:12.2, 3746N-1660E, h6km, ML4.3

ISC 15 22:55:59.6, 0.4, 3696N,002-1542E,003, h15km,3km, n64, r0996/91, Sicily

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HAVL Avola, HAVL Avola, AGST Agosta-Monte, etc.

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

ISCJB 15 23:57:15.70.0.4, 6228N, 004x15109W, 009, h98km, 6km, mb3, 9/4, Error ellipse: s-maj=6.9km s-min=6.0km az=174.4

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAWY, BM3, ZALV, etc.

ISCJB 16 00:32:21.21.0.6, 1212S, 16621E, h0km, mb4.5/14, mb1 4.7/15, mb1mx4.7/17, mbtmp4.6/15, ML5.5/1, MS4.3/11, M51 4.2/22, 1.1, ms1mx3.9/32, Error ellipse: s-maj=21.3km s-min=15.3km az=96.0

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

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

ISCJB 16 00:32:26.0.3.8, 1213S, 006.16623E, 007, h30km, 26km, h29km, 2.0km, p-P, n133, a096/96, mb5.0/50, MS4.3/15, 4C-3D, Santa Cruz Islands

MDJ		PP	PP	01 28 28.3	+0.7
MDJ		PCP	PcP	01 28 32.8	-0.8
MDJ		SCP	ScP	01 32 20.3	-0.8
MDJ		PcS	PcS	01 32 25.1	-1.0
MDJ		S	S	01 33 12.1	+1.6
MDJ	comp=Z,119nm,1.1s,mb5.5	AMB	AMB		
MDJ	comp=Z,287nm,3.9s	AMB	AMB		
MDJ	comp=N,982nm,34.6s	LR	LR		
MDJ	comp=E,712nm,23.6s	LR	LR		
MDJ	comp=Z,1jm,37.4s,MS4.5	LR	LR		
MDJ	comp=Z,160nm,1.1s,mb5.7	3 eP	P	01 26 46.0	+0.1
MDJ	comp=Z,890nm,21.0s,MS4.7	LR	LR		
ERM	Ermo	43.41 18	PFAKE	01 27 00.0	+1.4
ERL	NDI		LR		
LSA	Lhasa	43.99 314	P	01 26 51.3	+0.5
LSA	Lhasa		AP	01 27 03.6	-0.5
LSA	comp=Z,210nm,1.0s,mb5.8	AMB	AMB		
LSA	comp=Z,280nm,2.7s,mb5.5	LR	LR		
LSA	comp=E,1jm,25.5s	LR	LR		
LSA	comp=Z,1jm,23.6s,MS4.7	LR	LR		
LSA	Lhasa	43.99 314	eP	01 26 51.4	+0.6
LSA	comp=Z,162nm,0.9s,mb5.8	MLR	MLR		
LSA	comp=Z,628nm,21.0s,MS4.5	eP	P	01 26 51.4	+0.5
LSA	comp=Z,162nm,0.9s,mb5.8	MLR	MLR		
ASAJ	Asahikawa	45.16 16	P	01 27 00.2	+0.2
GTA	Gaotai	45.21 331	iP	01 27 00.3	-0.1
GTA	GTA		AP	01 27 12.8	-0.9
GTA	GTA		PCP	01 28 40.6	+0.7
GTA	GTA		PP	01 28 46.8	-0.1
GTA	GTA		SCP	01 32 28.1	-0.5
GTA	GTA		PcS	01 32 32.8	-0.9
GTA	GTA		S	01 33 36.6	-0.2
GTA	GTA		SS	01 36 50.9	-1.0
GTA	comp=Z,23nm,1.4s,mb4.8	AMB	AMB		
GTA	comp=Z,278nm,6.8s	LR	LR		
GTA	comp=N,1jm,19.0s,MS5.0	LR	LR		
GTA	comp=E,1jm,18.3s,MS5.0	LR	LR		
GTA	comp=Z,2jm,19.8s,MS5.0	LR	LR		
VIS	Visakhapatnam	45.46 294	iP	01 27 02.4	-0.3
VIS			iS	01 33 40.8	-0.3
PALK	Pallekele	46.00 279	eP	01 27 06.5	-0.6
PALK	comp=Z,51nm,0.9s,mb5.5	LR	LR		
JIRN	Jiri	46.71 308	eP	01 27 12.0	-0.4
GUN	Gumba	47.07 308	eP	01 27 14.7	-0.5
MDRS	Chennai	47.26 287	ex	01 27 13.2	
PKI	Pulchoki	47.29 308	eP	01 27 15.9	-1.0
KKK	Kakani	47.49 308	eP	01 27 17.5	-1.0
DMN	Daman	47.55 307	eP	01 27 18.2	-0.7
TAU	Tasmania Univ	47.68 159	PFAKE	01 27 30.0	+1.0
TAU	comp=Z,2jm,21.0s,MS5.0	LR	LR		
YSS	Yuzh-Sakhalins	47.83 15	eP	01 27 20.2	-0.6
YSS			eAP	01 27 36.0	+1.9
YSS			ePCP	01 28 49.2	+0.2
YSS			PP	01 29 06.0	-1.0
YSS			eS	01 34 09.0	-5.1
YSS	comp=Z,110nm,1.2s,mb5.8	PMAX	PMAX		
YSS	Yuzh-Sakhalins	47.83 15	eP	01 27 19.7	-1.0
YSS	comp=Z,81nm,1.0s,mb5.7	LR	LR		
BLSP	Bilaspur	47.89 299	eP	01 27 20.5	-1.2
KLR	Kuldur	48.15 51	iP	01 27 18.5	-4.7
KLR			eS	01 29 13.0	
KLR			e	01 34 12.5	-6.1
KLR			e	01 37 47.5	
KLR	comp=E,43nm,1.4s	PMAX	PMAX		
KLR	comp=Z,230nm,1.4s,mb6.0	PMAX	PMAX		
HIA	Hailar	48.32 354	iP	01 27 24.9	+0.4
HIA	Hailar	48.32 354	iP	01 27 24.0	-0.5
KOLN	Koldanda	48.82 307	eP	01 27 28.3	-0.5
DANN	Dangsing	48.94 308	eP	01 27 28.8	-0.9
ULN	Ulaanbaatar	49.51 343	eP	01 27 34.2	+0.5
ULN			ePP	01 27 46.0	-1.2
ULN			eSP	01 27 52.6	-0.3
ULN	comp=Z,161nm,1.3s,mb5.9	MLR	MLR		
ULN	comp=Z,807nm,22.0s,MS4.7	MLR	MLR		
ULN	Ulaanbaatar	49.51 343	eP	01 27 34.2	+0.5
ULN	comp=Z,161nm,1.3s,mb5.9	MLR	MLR		
ULN			eP	01 27 46.0	-1.2
ULN			eSP	01 27 52.6	-0.2
ULN	comp=Z,807nm,22.0s,MS4.7	MLR	MLR		
SOMM	Songino Array	49.68 342	P	01 27 35.2	+0.2
SOMM	comp=Z,36nm,0.8s,mb5.4,baz=150,slo=6.9,SNR=53	LR	LR	01 52 28.3	
SOMM	comp=Z,354nm,19.3s,baz=153,slo=41	LR	LR	01 58 48.6	
SOMM	comp=Z,1.2nm,1.0s,baz=302,slo=2.3,SNR=4.4	LR	LR	01 27 35.2	+0.2
SOMM	Songino Array	49.68 342	P	01 27 35.2	+0.2
SOMM			iP	01 52 28.3	
SOMM			iP	01 58 48.6	
HYB	Hyderabad	49.78 292	iP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB			eS	01 27 54.5	-0.9
HYB			eS	01 34 42.0	-0.5
HYB	Hyderabad	49.78 292	eP	01 27 35.0	-1.2
HYB	comp=Z,240nm,1.0s,mb6.2	eP	P	01 27 35.0	-1.2
HYB			eSP	01 27 49.0	-0.7
HYB					

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like JMDO Jabal Madar, BIDO Bidbid, and various others.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SDPT Sand Point, ABPO Ambohimanom, and various others.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like COLA College, ELZG Elzig, and various others.

16d 2h

Table of flight data for 16d 2h, including airlines like PETK, BMKR, CN2, JHJ, KROS, KSRS, MA2, SNY, SEY, YAK, BJI, NJ2, HHC, SONM, LZH, GTA, GYA, ZALV, KMI, IMA2, MK31, MKAR, MKAR, MKAR, COLA, COLA, SML, KURK, EGAK, BVAR, BVAR, BVAR, INK, INK, INK, INK, RES, RES, YKA, YKA, YKA, YKA, JOF, KAF, FINES, FINES.

2007 JUN

Table of flight data for 2007 JUN, including airlines like FINES, EDM, D13A, G11A, MOD, J08A, I09A, K07A, FCC, FCC, MSO, H10A, FFC, FFC, FFC, F12A, D14A, L07A, WVOR, WVOR, WRA, WRA, WRA, WRA, KIV, KIV, M07A, NB2, NOA, NOA, NOA, H12A, NAO01, EGMT, MFID, F15A, LAVA, DLMT, O07A, I13A, G15A, MCMT, HLID, HLID, BOZ, BOZ, BOZ, M10A, L11A, J13A, CMB, CMB, CMB, AKASG, AKASG, S06C, Q08A, NVAR, NVAR, R08A, R08A, M13A, MOOV, TPWA, N13A, LOHW, HELL, R09A, ASAR, ASAR, ASAR, S09A, M15A, P12A, N14A, MBWA, S10A, R11A, BW06, DUG, DUG.

472

Table of flight data for 472, including airlines like DUG, DUG, S11A, MPMC, Q13A, FURC, R12A, TPNV, TPNV, TPNV, T11A, ULM, ULM, GSC, S13A, MSU, V11A, MALT, MALT, T13A, STHS, STHS, U13A, GMRC, V13A, U14A, OKC, UPC, DPC, MORG, MORG, IRM, U15A, V14A, CLL, CLL, CLL, W14A, PV10, X13A, VYHS, VYHS, VYHS, PDMCI, PSZ, PSZ, V15A, Y12C, PRU, U16A, SMC0, Y14A, X15A, MVCO, MVCO, Y15A, V18A, KHC, GERES, GERES, GRF, GRF, GRF, GRF, SCH0, I18A, BAIF, ANMO, ANMO, CDF, CDF, CDF, CDF, CDF, MEZF, HINF, HAU, CABF, FLN, LDF, LOR, AMTX, SSF, GRR, MNTX, SMF, AVF, LPL, LPG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AQU L'Aquila, SGFM Saint Gilles, BNI Bardonecchia, etc.

NEIC 16 03:36:33.9, 3816N:2031E, h15km, MD3.4(ATH), After ATH.

ATH 16 03:36:33.9, 3816N:2031E, h15km, MD3.4/7

ISCJB 16 03:36:35.3±0.8, 3833N:003:2044E±0.06, h3km, Error ellipse: s-maj=7.2km s-min=3.4km az=164.4

CSEM 16 03:36:36.1±0.1, 3835N:2048E, h2km, ML3.5, Error ellipse: s-maj=2.9km s-min=1.4km az=72.0

THE 16 03:36:36.1, 3835N:2046E, h3km, ML3.5, ISC 16 03:36:35.8±0.1, 3833N:003:2043E±0.07, h2km±6km, n19, ±0.86/23, 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.

IDC 16 03:43:50.5±1.0, 110S:12706E, h0km, mb3.9/6, mb1.4/1/8, mb1mx3.9/19, mbtmp4.0/8, ML3.5/2, MS2.8/1, MS1.2/8/1, ms1mx2.5/26, Error ellipse: s-maj=44.5km s-min=17.5km az=72.0

ISCJB 16 03:43:52.0±0.6, 118S:008:1270E±0.1, h29km, mb4.0/6, Error ellipse: s-maj=17.8km s-min=9.3km az=157.7

DJA 16 03:43:52.104S:12698E, h3km, ML4.0/3

NEIC 16 03:43:54.9±0.6, 118S:12698E, h3km, ML4.0/3, Error ellipse: s-maj=16.2km s-min=8.4km az=63.0

ISC 16 03:43:54.9±0.6, 119S:008:1270E±0.1, h31km, h31km±1.8km:pp-P, n17, ±117/17, mb4.0/6, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kappang, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK Kurchatov, UNV Unalaska Valle, AKGG Akutan Green G, etc.

ISK 16 04:03:54.5, 3899N:2638E, h6km, ML2.7

ISCJB 16 04:03:55.1±0.8, 3899N:003:2638E±0.05, h5km±6km, Error ellipse: s-maj=7.2km s-min=4.2km az=152.7

CSEM 16 04:03:55.2±0.2, 3889N:2645E, h10km, MD3.0, Error ellipse: s-maj=4.8km s-min=3.1km az=56.0

DDA 16 04:03:55.5, 3895N:2644E, h7km±2km, MD3.0

ATH 16 04:03:55.0, 3892N:2643E, h20km, MD3.0/3

ISC 16 04:03:55.8±0.6, 3899N:003:2640E±0.05, h11km±5km, n15, ±0.92/14, C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRK Parakevi, AYA Ayvalik, URM Izmir, etc.

BJL 16 04:23:56.0, 717S:15589E, h15km, mb5.7, mb5.3, Ms5.5, Ms2.2

NEIC 16 04:23:57.9±0.1, 726S:15551E, h10km, mb5.4/6/2, Ms5.5/185, MW5.7, Error ellipse: s-maj=5.3km s-min=4.3km az=129.0, Moment Tensor Solution. s38

Moment tensor: Scale 10^17Nm; Mw=2.60; Mw-1.55; Mw-0.81; Mw-1.68; Mw-1.90; Best double couple: M0=50000±1017 Np1±139.00000±; s58.00000±; λ102.00000±. NP2±296.00000±; s34.00000±; λ71.00000±.

Principal axes: T = 4.7500, Plg74.0000±; Azm81.0000±; N = 0.5200, Plg11.0000±; Azm312.0000±; P = 4.2300, Plg12.0000±; Azm220.0000±.

GCMT 16 04:23:57.9±0.1, 752S:15549E, h12km, MW5.8/116, Moment Tensor Solution, s113, c231, s116, c347, ±0.63/21; 2θ Moment tensor: Scale 10^17Nm;

Mw=9.95±0.06; Mw-2.26±0.05; Mw-0.69±0.05; Mw-2.72±.15; Mw-3.15±.04; Mw-1.73±.16; Best double couple: M0=17500±1017 Np1±294.00000±; s32.00000±; λ85.00000±. NP2±120.00000±; s58.00000±; λ93.00000±.

Principal axes: T = 6.7240, Plg76.0000±; Azm40.0000±; N = 0.9000, Plg3.0000±; Azm298.0000±; P = 7.6260, Plg13.0000±; Azm208.0000±; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=40s.

ISCJB 16 04:23:58.9±0.2, 730S:003:15553E±0.03, h26km, mb5.4/109, MS5.5/230, Error ellipse: s-maj=4.7km s-min=4.1km az=163.1

IDC 16 04:23:58.8±1.5, 720S:15540E, h14km±8km, mb4.9/16, mb1.5/0/18, mb1mx5.0/19, mbtmp4.9/18, ML4.3/2, MS5.3/22, Ms1.5/3/22, ms1mx5±2/27, Error ellipse: s-maj=13.7km s-min=12.4km az=91.0

MOS 16 04:24:00.5±1.2, 723S:15541E, h33km, mb5.7/34, MS5.3/38, Error ellipse: s-maj=9.0km s-min=6.8km az=96.9

DJA 16 04:24:08, 756S:15571E, h92km, mb5.5/18

ISC 16 04:24:01.0±0.2, 730S:003:15554E±0.03, h28km, h28km±3.3km:pp-P, n524, ±103/271, mb5.4/109, MS5.5/230, 53C-11D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, KAKA Kakadu, FUNA Funafuti, WRAB Tannant Creek, etc.

Table with columns for station name, frequency, power, and status. Includes stations like Sheshan, Korea Array, Yuzh-Kuril'sk, Qiongzong, etc.

Table with columns for station name, frequency, power, and status. Includes stations like MDJ, Shenyang, Changchun, Severo-Kuril's, Guiyang, Beijing, etc.

Table with columns for station name, frequency, power, and status. Includes stations like Shemya, Chengdu, Hu-ho-hao-te, Lanzhou, Magadan, etc.

Table with columns: MA2, comp, elevation, frequency, and other technical details for stations 107A through VNA1.

Table with columns: VNA1, station name, elevation, frequency, and other technical details for stations C14A through OKC.

Table with columns: OKC, station name, elevation, frequency, and other technical details for stations CLZ through MYKA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Matsushiro Arr, Lajitas Array, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like El Cayaco, Acapulco, Mezcala, etc.

NEIC 16 07:08:08.6, 3992N-2068E, h15km, MD3.2(ATH), ML3.3(TH), After ATH.
ATH 16 07:08:08.6, 3992N-2068E, h15km, 3km, MD3.2/6
CSEM 16 07:08:10.8, 0.2, 3974N-2068E, h15km, MD3.2, Error

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JAN, IAN, IGT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IDC, LVC, LPAZ, etc.

ISCJB 16 07:28:28.7, 0.3, 3283N-002.11553W-002, h14km, 2km, Error ellipse: s-maj=3.4km s-min=2.3km az=152.5
NEIC 16 07:38:29.0, 3276N-11555W, h18km, ML2.9(PAS), After PAS.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SNR, ERPC, WESC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Cerro Bola, Pinyon Flat Ob, etc.

MOS 16 07:41:12.6, 1.4, 826N-12650E, h33km, mb4.9/20, Error ellipse: s-maj=16.5km s-min=7.2km az=103.7
MAN 16 07:41:13.8, 27N-12675E, h21km, mb5.0, ML4.0, MS4.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ISCJB, BJU, GCMT, etc.

NEIC 16 07:41:15.1, 0.3, 830N-12671E, mb4.8/21 Error ellipse: s-maj=12.0km s-min=6.3km az=84.0
NEIC 16 07:41:15.6, 0.5, 823N-12671E, mb4.8/21 Error ellipse: s-maj=12.0km s-min=6.3km az=84.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BIPH, BUTP, MATI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like QIZ, KAKA, CBIJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FORT Forrest, GTA Gaotai, NWAOW Narrogin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, AKASG Scott Base, NWAOW Narrogin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afimalu, ARMA Armadale, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNF Hinterfeld, WATA Walderalm, WTAA Wattenberg, etc.

NEIC 16 09:24:24.2, 3989N:2070E, h12km, MD3.2(ATH), After ATH.

CSEM 16 09:24:24.2, 0.1, 3991N:2067E, h2km, MD3.2, Error ellipse: s-maj=2.5km s-min=1.6km az=3.0.

ISC 16 09:24:26.1±0.8, 3964N:005:2064E±0.05, h13km±6km, Error ellipse: s-maj=9.1km s-min=6.6km az=168.9.

ISC 16 09:24:26.0±0.8, 3961N:006:2063E±0.05, h14km±6km, n10, c0599/15, 1D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, KEK Kerkira, THL Klokotos Trika, etc.

MEX 16 09:47:53.1±0.7, 1650N:10079W, h10km, MD3.5, 1C, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, etc.

ISC/B 16 10:02:58.4±4.5, 14S:01:1380E±0.3, h8km±29km, mb3.8/4, Error ellipse: s-maj=45.3km s-min=20.5km az=11.0.

ISC 16 10:02:58.2±1.4, 132S:13839E, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.9/1.5, mbtmp3.9/6, ML4.3/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/1.9, Error ellipse: s-maj=53.6km s-min=19.2km az=94.0.

NEIC 16 10:03:11.9±5.7, 231S:13850E, h30km, mb3.9/3, Error ellipse: s-maj=78.1km s-min=44.3km az=175.0.

ISC 16 10:03:05.6±2.8, 15S:01:1377E±0.2, h39km±25km, n13, c0567/15, mb3.8/4, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

Table with columns: VANDA Vanda, LPAZ La Paz, 77.04 175 P, 10 14 54.3 +0.2, 0.5nm, 0.4s, mb3.8, baz=153, slow=7.0, SNR=8.0.

CSEM 16 10:55:01.8±0.1, 3886N:2633E, h15km, MD3.2, Error ellipse: s-maj=4.0km s-min=1.4km az=63.0.

ISC/B 16 10:55:01.7±0.7, 3890N:002:2632E±0.05, h7km±5km, Error ellipse: s-maj=6.5km s-min=3.6km az=159.5.

ATH 16 10:55:01.9, 3888N:2631E, h21km±3km, MD3.2/5.

ISC 16 10:55:01.8, 3882N:2630E, h23km, MD3.2.

DDA 16 10:55:02.5, 3891N:2641E, h7km±3km, MD2.9.

NEIC 16 10:55:03.0, 3891N:2650E, h10km, MD3.2(ISK), MD3.2(ATH), After ISK.

ISC 16 10:55:02.5±0.6, 3899N:002:2634E±0.05, h10km±4km, n26, c0577/35, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Paraskevi, AYVA Ayvalik, URLA Izmir, etc.

ISC 16 11:00:39.4±1.0, 1374N:9060W, h0km, mb4.1/10, mb1.4/3/12, mb1mx4.1/23, mbtmp4.1/12, ML4.2/2, MS3.5/7, Ms1 3.5/7, ms1mx3.1/32, Error ellipse: s-maj=38.4km s-min=16.5km az=43.0.

NEIC 16 11:00:40.8±0.6, 1349N:9084W, h10km, mb4.3/16, Error ellipse: s-maj=13.4km s-min=8.4km az=216.0.

BUL 16 11:00:40.7, 1350N:9080W, h10km, mBS.3, Ms4.8, Msz4.6.

CASC 16 11:00:43.1±1.8, 1347N:9107W, h5km, MD3.6, ML4.0, mb4.3(NEIC).

ISC/B 16 11:00:47.5±0.5, 1367N:005:9079W±0.04, h72km±4km, mb4.1/24, Error ellipse: s-maj=9.9km s-min=3.7km az=36.9.

ISC 16 11:00:49.4±0.4, 1376N:005:9074W±0.04, h68km±4km, n226, c0994/205, mb4.1/23, 54C-64D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCG Pacaya, FUG Fuego 3, NBR Las Nubes, etc.

HUEN comp=N, 352nm, 0.7s.

CRUN El Crucero, TICN Tiquanpete, APON Apoyo, BOAB BOACIO BROADBAN, CMIG Matias Romero.

CMIG comp=N, 5.4nm, 0.3s, baz=276, slow=12, SNR=45.

CMIG comp=N, 12nm, 0.3s, baz=276, slow=12, SNR=4.0.

CMIG comp=N, 382nm, 21.5s, baz=108, slow=38.

CMIG comp=N, 5.19 310 P, n13, c0558/9.

CMIG comp=N, 5.45 1130 EP, n13, c0585/9.

CMIG comp=N, 6.64 301 EP, n13, c0585/9.

CMIG comp=N, 6.65 300 EP, n13, c0585/9.

CMIG comp=N, 6.75 125 EP, n13, c0585/9.

CMIG comp=N, 6.85 20 P, n13, c0585/9.

CMIG comp=N, 150nm, 20.4s, baz=171, slow=38.

CMIG comp=N, 7.18 121 EP, n13, c0585/9.

CMIG comp=N, 7.33 120 EP, n13, c0585/9.

CMIG comp=N, 7.71 120 EP, n13, c0585/9.

CMIG comp=N, 7.75 123 EP, n13, c0585/9.

CMIG comp=N, 7.86 119 EP, n13, c0585/9.

CMIG comp=N, 8.02 121 EP, n13, c0585/9.

CMIG comp=N, 8.56 121 EP, n13, c0585/9.

CMIG comp=N, 8.56 121 EP, n13, c0585/9.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CH12 Tuckaleechee C, TXAR Lajitas Array, TXAR Lajitas Array, etc.

16d 11h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, NVAR, P09A, L13A, IMW, IMW, M12A, Q08A, M11A, L12A, P08A, K12A, M10A, L11A, N09A, J13A, L10A, HLID, HLID, M09A, I13A, K11A, MCMT, G15A, O06A, ULM, ULM, K10A, H13A, BEKR, LRM, H12A, N06A, H11A, L08A, G13A, LPAZ, LPAZ, LPAZ, WVOR, L07A, J09A, H10A, M06C, H10A, K07A, I09A, HATC, E11A, G13A, BMO, J07A, I07A, F10A, F09A, H07A, HOOD, E06A, EDM, SCHO, BDFB, CPUP, YKA, DLBC, RKT, INK, PMOR, PPT, DBIC, DBIC, TORB, TORB, PETK, CN2, MKAR, HHC, WMQ, NJ2, LZH, LZH, CD2, WRA.

2007 JUN

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like M15.2, m4.3, NEIC, ISCJB, M11:04:50.1, 0.8, 1357N:007:9097W:007, h53km, 7km, mb4.2/12, Error ellipse: s-maj=15.6km s-min=4.6km az=44.4, ISC 16:11:05:12.4, 0.5, 3205S:003:6911W:006, h40km, 6km, n150, e091/143, mb4.2/12, 54C-42D, Near coast of Guatemala.

484

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like P12A, N14A, Q10A, R09A, O12A, M14A, S08C, O11A, REDW, M13A, SNOW, N12A, TPWA, NVAR, NVAR, K14A, Q08A, M12A, M11A, K12A, M10A, L11A, N09A, HLID, H13A, I13A, MCMT, WENL, O06A, H13A, ULM, ULM, H12A, N06A, H11A, L08A, G13A, WVOR, L07A, J09A, H11A, K07A, J08A, I09A, I07A, F10A, I05A, SCHO, SCHO, YKA, YKA, PMOR, PPT, PETK, ARU, ISCJB 16:11:05:11.7, 1.7, 3205S:003:6951W:006, h127km, 6km, mb4.0/2, Error ellipse: s-maj=8.6km s-min=4.6km az=11.3, GUC 16:11:05:11.9, 0.8, 3209S:6993W, h157km, 6km, MD3.8, ML3.9, NEIC 16:11:05:12.4, 0.5, 3211S:6944W, h120km, 9km, MG3.9/GUC, Error ellipse: s-maj=11.2km s-min=6.9km az=114.0, IDC 16:11:05:12.9, 3.3, 3220S:6926W, h129km, 20km, mb3.7/2, mb1.3/6.4, mb1mx3.3/17, mbtmp3.4/4, Error ellipse: s-maj=58.5km s-min=39.4km az=38.0, ISC 16:11:05:12.8, 0.5, 3205S:003:6950W:006, h120km, 6km, n28, e092/48, mb4.0/2, 7C-11D, Mendoza Province.

IDC 16:11:04:44.7, 1.8, 1393N:9066W, h0km, mb4.1/6, mb1 4.3/8, s-maj=51.9km s-min=24.4km az=29.0, NEIC 16:11:04:45.3, 1.1, 1337N:9110W, h10km, mb4.3/6, Error ellipse: s-maj=51.9km s-min=24.4km az=29.0, CASC 16:11:04:48.7, 2.2, 1355N:9111W, h27km, 24km, MD4.2,

ISCJB 16:11:05:11.7, 1.7, 3205S:003:6951W:006, h127km, 6km, mb4.0/2, Error ellipse: s-maj=8.6km s-min=4.6km az=11.3, GUC 16:11:05:11.9, 0.8, 3209S:6993W, h157km, 6km, MD3.8, ML3.9, NEIC 16:11:05:12.4, 0.5, 3211S:6944W, h120km, 9km, MG3.9/GUC, Error ellipse: s-maj=11.2km s-min=6.9km az=114.0, IDC 16:11:05:12.9, 3.3, 3220S:6926W, h129km, 20km, mb3.7/2, mb1.3/6.4, mb1mx3.3/17, mbtmp3.4/4, Error ellipse: s-maj=58.5km s-min=39.4km az=38.0, ISC 16:11:05:12.8, 0.5, 3205S:003:6950W:006, h120km, 6km, n28, e092/48, mb4.0/2, 7C-11D, Mendoza Province.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Las Mesosas, Talagante, Chadas Angostu, Tololo Astrono, etc.

ROM 16 11:08:11.0±0.2, 4191N, 1564E, h1km, MI3.0/5, Error ellipse: s-maj=3.0km s-min=1.2km az=25.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Giovanni R, Monte S. Angel, Monte Sant'Ang, Serracapirola, etc.

ISCJB 16 11:09:21.5±1.9, 464S, 03.961E, h10km, mb3.9/7, MS3.7/10, Error ellipse: s-maj=60.4km s-min=16.7km az=36.0

NEIC 16 11:09:23.2±0.9, 4635S, 09.061E, h10km, Error ellipse: s-maj=31.8km s-min=13.0km az=127.0

ISC 16 11:09:23.5±1.9, 464S, 03.961E, h10km, n16, a05/50/8, mb3.9/7, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NAWAO Narrogin (SRO), Fitzroy Crossi, etc.

TIR 16 11:19:44.7±1.4, 3967N, 2078E, h4km, 11km NEIC 16 11:19:47.5, 3972N, 2068E, h19km, ML3.1(ATH), After ATH. CSEM 16 11:19:47.6±0.1, 3978N, 2064E, h8km, MD3.6, Error ellipse: s-maj=1.2km s-min=1.1km az=117.0

ISCJB 16 11:19:47.9±0.3, 3973N, 002-2073E, h10km, mb3.5/3, Error ellipse: s-maj=2.8km s-min=2.5km az=31.5

ATH 16 11:19:47.5, 3972N, 2068E, h19km, 1km, MD3.6/11 THE 16 11:19:47.9, 3978N, 2071E, h3km, ML3.8

IDC 16 11:19:49.6±14.0, 4034N, 2124E, h0km, MD3.5/4, mb1.3/6.4, mb1mx3.4/2.3, mbmp3.6/4, Error ellipse: s-maj=27.2km s-min=44.2km az=39.0

ISC 16 11:19:47.9±0.4, 3974N, 002-2072E, h4km, 3km, n61, a129/88, mb3.5/3, 1C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAN Janina, SRN Sarande, KERN Kerkira, etc.

SGS 16 11:37:08.5, 2998N, 3629E, h6km CSEM 16 11:37:11.3±0.3, 2955N, 3618E, h2km, ML2.9, Error ellipse: s-maj=7.3km s-min=3.4km az=68.0

HLW 16 11:37:11.6, 2953N, 3640E, h14km, MD2.9 GLL 16 11:37:15.6±2.0, 2984N, 3629E, h0km, EXPLOSION

ISC 16 11:37:07.2±1.1, 2985N, 004-3639E, h0km, n20, a1807/26, 6D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HRFI Mount Harif, Eilat, Zfrif, etc.

ISCJB 16 11:37:30.8±0.5, 3886N, 002-2682E, h12km, 4km, Error ellipse: s-maj=4.4km s-min=2.6km az=168.1

NEIC 16 11:37:30.3, 3884N, 2691E, h24km, MD3.4(ISK), MD3.5(ATH), After ATH.

CSEM 16 11:37:30.3±0.0, 3888N, 2687E, h10km, MD3.2, Error ellipse: s-maj=1.3km s-min=0.7km az=79.0

DDA 16 11:37:30.7, 3889N, 2686E, h15km, 2km, MD3.2 ATH 16 11:37:30.3, 3884N, 2691E, h24km, MD3.5/5

ISC 16 11:37:31.5±0.4, 3886N, 002-2687E, h10km, 3km, n53, a05/71/0, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYVA Ayvalik, BALB Balcova, IZMIR Izmir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJA Bitola, BIA Bitola, EVR Erytrania, etc.

SGS 16 11:37:08.5, 2998N, 3629E, h6km CSEM 16 11:37:11.3±0.3, 2955N, 3618E, h2km, ML2.9, Error ellipse: s-maj=7.3km s-min=3.4km az=68.0

HLW 16 11:37:11.6, 2953N, 3640E, h14km, MD2.9 GLL 16 11:37:15.6±2.0, 2984N, 3629E, h0km, EXPLOSION

ISC 16 11:37:07.2±1.1, 2985N, 004-3639E, h0km, n20, a1807/26, 6D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HRFI Mount Harif, Eilat, Zfrif, etc.

ISCJB 16 11:37:30.8±0.5, 3886N, 002-2682E, h12km, 4km, Error ellipse: s-maj=4.4km s-min=2.6km az=168.1

NEIC 16 11:37:30.3, 3884N, 2691E, h24km, MD3.4(ISK), MD3.5(ATH), After ATH.

CSEM 16 11:37:30.3±0.0, 3888N, 2687E, h10km, MD3.2, Error ellipse: s-maj=1.3km s-min=0.7km az=79.0

DDA 16 11:37:30.7, 3889N, 2686E, h15km, 2km, MD3.2 ATH 16 11:37:30.3, 3884N, 2691E, h24km, MD3.5/5

ISC 16 11:37:31.5±0.4, 3886N, 002-2687E, h10km, 3km, n53, a05/71/0, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYVA Ayvalik, BALB Balcova, IZMIR Izmir, etc.

16d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GADA Gvkgeada, DST Dursunbey, LIA Limnos Island, etc.

ISC 16 11:44:51.61-1.7, 32426N:14249E, h0km, mb3.4/3, mb1 3.77, mb1mx3.5/23, mbtimp3.777, ML3.8/4, Error ellipse: s-maj=43.6km s-min=18.5km az=64.0

NEIC 16 11:44:52.1, 32548N:14244E, h0km, MG3.8(JMA), After JMA

JMA 16 11:44:52.0, 32548N:14244E, h0km, M3.8

ISCJUB 16 11:44:53.0, 32470N:14264E, h2.6km, mb3.3/3, Error ellipse: s-maj=9.5km s-min=5.2km az=153.8

ISC 16 11:44:54.3, 1.7, 3246N:14259E, h2km, mb2km, n25, c092/41, mb3.5/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHJ Mitsune, HHJ Hachioji jima 2, BSO1 Boso 1, etc.

WEL 16 11:58:26.2, 0.5, 3783S:17674E, h6km, 6km, ML3.5/7, Error ellipse: s-maj=3.0km s-min=2.9km az=0.0, North Island

CSEM 16 11:59:53.0, 0.7, 4561N:2652E, h148km, 6km, MD3.8/3, Error ellipse: s-maj=7.1km s-min=4.5km az=43.0, After BUC

NEIC 16 11:59:54.3, 4559N:2651E, h141km, MG3.3(BUC), After BUC

BUC 16 11:59:53.4, 0.9, 4560N:2651E, h150km, 9km, MD3.8/3, 9C-10D, Error ellipse: s-maj=7.7km s-min=5.5km az=32.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLOR Plostinia, VRI Vrnicioaia, VRI Vrnicioaia, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIRR Targusor, TIRR Targusor, BURAR Bucovina Array, etc.

ISCJUB 16 12:01:50.3, 2.1, 168S:0.1, 1745W, 0.1, h86km, 21km, mb3.8/8, Error ellipse: s-maj=25.1km s-min=16.8km az=142.1

NEIC 16 12:01:52.5, 1.5, 1693S:17444W, h92km, 14km, Error ellipse: s-maj=20.9km s-min=12.6km az=158.0

ISC 16 12:01:52.6, 3.0, 1695S:17442W, h94km, 28km, mb3.6/6, mb1 3.9/10, mb1mx3.7/19, mbtimp3.7/10, Error ellipse: s-maj=44.3km s-min=15.5km az=150.0

ISC 16 12:01:51.8, 1.9, 169S:0.1, 1744W, 0.1, h84km, 19km, n12, c093/11, mb3.8/8, Tonga Islands

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

ISC 16 12:09:00.9, 16.0, 3964N:2035E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.4/22, mbtimp3.8/3, MS2.5/1, Ms1 2.6/1, ms1mx2.0/30, Error ellipse: s-maj=310.5km s-min=56.1km az=44.0

NEIC 16 12:09:04.4, 3992N:2073E, h5km, ML3.0(ATH), After ATH

ATH 16 12:09:04.4, 3992N:2073E, h5km, 2km, MD3.6/12

ISCJUB 16 12:09:05.6, 0.4, 3974N:002-2072E, 0.03, h2km, 3km, mb3.6/3, Error ellipse: s-maj=3.5km s-min=3.0km az=23.0

THE 16 12:09:07.0, 3974N:2074E, h4km, ML3.9

CSEM 16 12:09:06.2, 0.1, 3981N:2085E, h8km, MD3.6, Error ellipse: s-maj=1.3km s-min=0.9km az=111.0

ISC 16 12:09:06.4, 0.4, 3973N:2072E, 0.03, h8km, 3km, n55, c1526/83, mb3.6/3, 1C, Greece-Albania border region

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

CSEM 16 14:08:50.9, 3790N:2095E, h8km, MD3.5/7, After ATH

NEIC 16 14:08:50.9, 3790N:2095E, h8km, MD3.5(ATH), After ATH

ATH 16 14:08:50.9, 3790N:2095E, h8km, 3km, MD3.5/7, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLS Valsamata, VLS Valsamata, RLS Rioliol of Patr, etc.

ISC 16 14:11:11.9, 4033N:3789E, h5km, MD3.6, ML3.5

CSEM 16 14:11:12.2, 0.0, 4033N:3790E, h2km, MD3.6, Error ellipse: s-maj=1.3km s-min=0.8km az=173.0

ISCJUB 16 14:11:13.4, 0.4, 4036N:003-3789E, 0.03, h5km, Error ellipse: s-maj=4.2km s-min=3.7km az=168.3

DDA 16 14:11:15.1, 4037N:3828E, h6km, 3km, MD3.1

ISC 16 14:11:13.8, 0.6, 4037N:003-3789E, 0.04, h2km, 6km, n21, c0973/27, Turkey

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABV Anegada, ABV Anegada, TBVI Tortola, etc.

NEIC 16 13:36:13.2, 3993N:2067E, h9km, MD3.5(ATH), After ATH

ATH 16 13:36:13.2, 3993N:2067E, h9km, 4km, MD3.5/9

ISCJUB 16 13:36:15.0, 0.3, 3973N:002-2070E, 0.03, h10km, Error ellipse: s-maj=2.9km s-min=2.8km az=152.8

CSEM 16 13:36:15.3, 0.1, 3979N:2087E, h10km, MD3.5, Error ellipse: s-maj=2.5km s-min=2.1km az=107.0

THE 16 13:36:15.8, 3975N:2072E, h3km, ML3.7

ISC 16 13:36:15.6, 0.3, 3972N:002-2070E, 0.03, h15km, 3km, n36, c131/56, 1C, Greece-Albania border region

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

CSEM 16 14:08:50.9, 3790N:2095E, h8km, MD3.5/7, After ATH

NEIC 16 14:08:50.9, 3790N:2095E, h8km, MD3.5(ATH), After ATH

ATH 16 14:08:50.9, 3790N:2095E, h8km, 3km, MD3.5/7, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLS Valsamata, VLS Valsamata, RLS Rioliol of Patr, etc.

ISC 16 14:12:46.5, 0.7, 071S:006:1323E, 0.2, h33km, mb4.1/8, Error ellipse: s-maj=24.0km s-min=6.7km az=168.5

NEIC 16 14:12:47.2, 0.6, 041S:13281E, h35km, mb4.3/6, Error ellipse: s-maj=18.2km s-min=9.1km az=67.0

ISC 16 14:12:52.0, 0.8, 3.057S:13262E, h74km, 74km, mb3.9/5, mb1 4.0/9, mb1mx3.7/21, mbtimp3.9/9, ML2/2, MS2.9/1, Ms1 2.9/1, ms1mx2.3/32, Error ellipse: s-maj=63.8km s-min=20.4km az=55.0

ISC 16 14:12:49.8, 3.4, 06S:0.1, 1325E, 0.2, h53km, 30km, n23, c081/29, mb4.1/8, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA, KAKA, BATI, KAPI, FITZ, etc.

MOS 16:44:10.0, 0.9, 646S: 13000E, h50km, mb5, 1/19, Error ellipse: s-maj=14.1km s-min=6.7km az=105.1
BUI 16:44:10.0, 7.18S, 13055E, h107km, mb4, 9, mb4, 9
IS/CJB 16:44:16.0, 0.7, 662S: 13010E, 0.04, h114km, 7km, mb4, 8/22, Error ellipse: s-maj=7.7km s-min=4.2km az=161.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAI, KAKA, BATI, KAPI, FITZ, etc.

Table with columns: GUMO, LR, LR, Time, Res. Includes stations like STKA, STKA, STKA, STKA, STKA, etc.

Table with columns: CN2, CN2, CN2, Time, Res. Includes stations like Changchun, Mudanjiang, Rata Peaks, Asahikawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, NJ2 Nanjing, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC 16:14:52:42.7-3.1, KK31 Karatay Array, etc.

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

ISCJB 16:15:58:05.8-1.3, 178S:0.1x1787W:0.1, h552km, 19km, mb2.0, Error ellipse: s-maj=21.8km s-min=14.0km

NEIC 16:15:58:06.7-0.8, 1776S:1.7x1785W:0.1, h552km, 10km, mb4.2/13, Error ellipse: s-maj=12.8km s-min=7.8km az=157.0

ISC 16:15:58:07.4-1.7, 1765S:1.7x1787W:0.1, h552km, 15km, mb3.6/8, mb1.3/7.9, mb1mx3.4/18, mbtmp3.6/9, Error ellipse: s-maj=38.4km s-min=13.8km az=153.0

ISC 16:15:58:06.7-1.3, 178S:0.1x1787W:0.1, h548km, 18km, n34, 0.9511/31, mb4.2/16, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, HNR Honiara, EIDS Eidsvoll, etc.

NIED 16:15:58:00, 3220N:14050E, h32km, Mw3.7 Best double couple: 683.92000x1014, NP1:293.00000, 878.00000, 1-155.00000, NP2:197.00000, 865.00000, 1-14.00000

ISCJB 16:15:58:11.7-1.1, 3219N:006x14057E:0.09, h45km, 9km, mb3.9/12, Error ellipse: s-maj=12.5km s-min=9.6km az=169.2

JMA 16:15:58:11.1-0.4, 3222N:14053E, h25km, M4.3, IDC 16:15:58:14.5-2.6, 3230N:14029E, h51km, 18km, mb3.7/11, mb1.3/8.12, mb1mx3.6/22, mbtmp3.7/12, ML3.4/1, MS2.6/1, Ms1 2.6/1, mb1mx2.1/27, Error ellipse: s-maj=27.5km s-min=25.1km az=59.0

MOS 16:15:58:16.4-1.0, 3229N:14022E, h87km, mb3.8/7, Error ellipse: s-maj=32.8km s-min=12.1km az=101.4

NEIC 16:15:58:18.6-1.9, 3236N:14030E, h87km, 14km, mb4.7/2, MW3.7(NIED), Error ellipse: s-maj=18.0km s-min=15.2km az=155.0

ISC 16:15:58:12.9-1.2, 3218N:007x14057E:0.09, h39km, 10km, n48, r138/57, mb3.9/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ3 Hachioji jima 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JIM2 Oshima 3, etc.

MOS 16:27:09.9-1.2, 3564N:6997E, h103km, mb4.2/2, Error ellipse: s-maj=29.3km s-min=10.4km az=78.6

ISCJB 16:27:19.4-0.6, 3641N:00770E:0.1, h130km, 10km, mb3.9/4, Error ellipse: s-maj=17.2km s-min=6.5km az=35.3

NEIC 16:27:20.0-0.8, 3628N:7018E, h139km, 14km, mb4.0/3, Error ellipse: s-maj=28.5km s-min=8.6km az=132.0

IDC 16:27:21.9-9.0, 3653N:7001E, h141km, 62km, mb3.3/3, mb1.3/3.7, mb1mx3.0/26, mbtmp3.3/7, Error ellipse: s-maj=84.6km s-min=47.7km az=168.0

NNC 16:27:28.9-8.1, 3701N:7004E, h228km, 82km, mb2.8, mpv4.2, Error ellipse: s-maj=76.1km s-min=54.4km az=35.0

ISC 16:27:20.5-0.6, 3639N:006x700E:0.1, h126km, 9km, n36, r102/46, mb4.0/4, 5C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, DLH1 Dalhousie, etc.

ISCJB 16:15:41:04.8-0.7, 84S:0.1x15700E:0.06, h10km, mb3.9/9, MS3.2/3, Error ellipse: s-maj=16.5km s-min=8.5km

16d 19h

Table with columns: AKTO, Station Name, Time, Res, etc. Includes stations like Aktyubinsk, Borovoye Array, Zalesovo Beam, etc.

IDC 16:16:31.47.0.4.2, 2345.010198E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/19, mbtmp3.4/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/16, Error ellipse: s-maj=175.7km, s-min=24.5km az=57.0, Southern Sumatara

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like WRA, ANU, JNU, SONM, MKAR, etc.

ISCJB 16:16:37.02.3.2.7, 464N.0.1x1544E.02, h1km, 16km, mb3.9/11, Error ellipse: s-maj=29.0km s-min=11.8km az=138.9

IDC 16:16:37.03.9.1.8, 4632N.15453E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.9/23, mbtmp3.7/7, ML3.6/2, Error ellipse: s-maj=44.7km s-min=24.3km az=157.0

MOS 16:16:37.05.6.1.2, 4623N.15442E, h33km, mb4.1/9, Error ellipse: s-maj=17.6km s-min=13.8km az=104.9

ISC 16:16:37.06.2.2.9, 464N.01.1545E.02, h14km, 18km, n24, s=100/25, mb3.8/11, 7C, East of Kuril Islands

Large table with columns: Code, Station Name, Time, Res, etc. Includes stations like SKR, PETK, YSS, ASAJ, ERM, KRSR, BILL, TIXI, ZALV, MKAR, etc.

IDC 16:16:50.34.7.3.8, 1367S.16706E, h96km, 24km, mb3.9/8, mb1 4.0/9, mb1mx3.8/17, mbtmp4.0/9, Error ellipse: s-maj=37.0km s-min=25.5km az=111.0

NEIC 16:16:50.38.2.3.4, 1362S.16696E, h127km, 24km, mb3.4/10, Error ellipse: s-maj=29.3km s-min=12.8km az=103.0

ISCJB 16:16:50.39.0.4.2, 136S.0.1x1668E.02, h14km, 31km, mb4.1/15, Error ellipse: s-maj=34.1km s-min=16.5km az=0.4

ISC 16:16:50.39.8.4.1, 136S.01x1668E.02, h135km, 30km, n22, s=088/24, mb4.1/15, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like HNR, STKA, WRA, WRA, ASAR, ASAR, ARU, ARU, ARU, ARU, ARCES, ARCES, FINES, FINES, FINES, WRA, TXAR, etc.

2007 JUN

Table with columns: NWAO, MJAR, CHTO, GSPA, SONM, MAW, MKAR, ZALV, ARCES, KEST, etc. Includes station names and coordinates.

ISCJB 16:17:09.34.5.0.6, 3974N.004.2069E.005, h10km, Error ellipse: s-maj=53km s-min=5.5km az=167.4

NEIC 16:17:09.34.5, 3981N.2070E, h17km, MD3.1(ATH), After ATH

ATH 16:17:09.34.5, 3981N.2070E, h17km, MD3.1/6 CSEM 16:17:09.34.5, 3981N.2070E, h17km, MD3.1/6, After ATH

ISC 16:17:09.35.3.0.6, 3972N.004.2068E.006, h16km, 5km, n8, s=097/13, Greece-Albania border region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like JAN, JAN, KEK, KEK, KZN, THL, EVR, BIA, BIA, VLS, KRUS, etc.

ISCJB 16:17:28.10.7.3.4, 62S.0.1x1544E.02, h437km, 34km, mb3.7/11, Error ellipse: s-maj=32.0km s-min=21.4km az=10.9

IDC 16:17:28.12.4.3.0, 622S.15436E, h440km, 31km, mb3.3/5, mb1 3.4/6, mb1mx3.0/15, mbtmp3.2/6, Error ellipse: s-maj=47.1km s-min=18.2km az=114.0

NEIC 16:17:28.17.4.3.6, 623S.15419E, h499km, 35km, mb3.9/7, Error ellipse: s-maj=32.6km s-min=16.7km az=66.0

ISC 16:17:28.12.7.2.9, 62S.01.1544E.02, h44km, 29km, n18, s=070/18, mb3.7/11, Bougainville- Solomon Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like CTA, WRAB, WB2, WRA, ASAR, ASAR, STKA, STKA, STKA, FITZ, MBWA, Vnda, MKR31, MKAR, ZALV, GSPA, MAW, BRVK, TORD, etc.

CSEM 16:17:36.26.5.0.1, 4015N.3723E, h2km, MD3.6, Error ellipse: s-maj=2.0km s-min=1.4km az=22.0

ISK 16:17:36.26.7, 4015N.3723E, h3km, MD3.6

ISCJB 16:17:36.27.0.4.0, 4016N.002.3725E.003, h3km, Error ellipse: s-maj=3.5km s-min=3.2km az=175.4

DDA 16:17:36.27.4, 4004N.3711E, h7km, 2km, MD3.2

ISC 16:17:36.27.5.0.6, 4019N.003.3725E.003, h0km, 5km, n32, s=072/44, Turkey

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SVSK, TOKT, GRSN, GRSN, KVT, KEMA, KEMA, ESPY, YOZ, PINB, PINB, PINB, GUN, GUN, CTCT, CTCT, AKCD, AKCD, CORM, EZZ, KTUT, MALT, DKM, PERTK, BYBT, CDAG, CDAG, AVNT, AVNT, KMRS, ANDN, ANDN, GZMT, KAMT, NIG, KOZT, BKZ, ERZM, ERZM, etc.

490

IDC 16:18:07.27.9.1.9, 151N.12663E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/16, mbtmp3.4/4, Error ellipse: s-maj=171.3km s-min=23.4km az=65.0, Northern Molucca Sea

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

MAN 16:18:37.37, 1264N.12325E, h6km, mb4.1, ML2.9, MS2.7, 2C, Luzon

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like MPMH, RCP, OTR, PVCP, PVCP, KALP, CNP, GOP, GJP, SJMP, GUIM, POLP, CUYO, MSLP, MSP, ENPP, etc.

ISCJB 16:18:39.12.4.0.9, 3964N.006.2064E.008, h10km, Error ellipse: s-maj=9.1km s-min=8.5km az=149.9

NEIC 16:18:39.12.9, 3965N.2064E, h5km, MD3.0(ATH), After ATH

ATH 16:18:39.12.9, 3965N.2064E, h5km, MD3.0/4 CSEM 16:18:39.12.9, 3965N.2064E, h5km, MD2.9/4, After ATH

ISC 16:18:39.12.7.0.9, 3965N.006.2063E.008, h10km, n5, s=079/17, Greece-Albania border region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like JAN, JAN, KEK, KEK, EVR, VLS, KRUS, etc.

ISCJB 16:18:57.37.5.1.4, 73S.0.3x1199E.05, h435km, 12km, mb3.3/4, Error ellipse: s-maj=85.7km s-min=11.2km az=146.4

IDC 16:18:57.39.0.1.5, 705S.12035E, h433km, 11km, mb2.9/4, mb1 3.0/8, mb1mx2.9/20, mbtmp2.9/8, Error ellipse: s-maj=115.0km s-min=10.2km az=57.0

NEIC 16:18:57.39.2.0.9, 714S.12027E, h440km, 10km, mb4.2/1, Error ellipse: s-maj=70.8km s-min=10.7km az=59.0

ISC 16:18:57.39.2.1.0, 70S.0.1x1204E.05, h435km, 8km, n11, s=059/13, mb3.3/4, Flores Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like KAPI, KAPI, BATI, BATI, FITZ, WRA, WRAB, WB2, ASAR, STKA, STKA, MKAR, ZALV, etc.

IDC 16:19:01.05.2.4.5, 3694N.7210E, h0km, mb3.7/2, mb1 3.7/7, mb1mx3.4/26, mbtmp3.6/7, ML3.4/5, Error ellipse: s-maj=66.8km s-min=3.1km az=152.0

NINC 16:19:01.11.6.3.3, 3744N.7108E, h0km, mb3.3, mpv3.5, Error ellipse: s-maj=28.0km s-min=25.2km az=78.0

ISCJB 16:19:01.12.9.1.2, 3716N.008.718E.01, h81km, 16km, mb3.7/2, Error ellipse: s-maj=17.7km s-min=10.6km az=30.2

NEIC 16:19:01.14.9.1.2, 3728N.7166E, h75km, 21km, Error ellipse: s-maj=31.9km s-min=11.8km az=127.0

MOS 16:19:01.25.3.1.7, 3818N.7170E, h118km, mb3.9/2, Error ellipse: s-maj=30.9km s-min=12.3km az=77.5

ISC 16:19:01.14.4.1.1, 3715N.008.718E.01, h60km, 16km, n22, s=1936/27, mb3.3/2, 3C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like KBL, KBL, UCH, EKS2, AAK, AAK, KK31, KK31, TKM2, TKM2, TKM2, TKM2, AB31, AB31, BVAO, BVAO, BVAR, BVAR, AKTK, AKTK, AKTO, AKTO, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, NOA, and NEIC.

NEIC 16 19:10:07.5, 1887N;10353W, h4km, MD4.1 (MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMIG, SFJM, ANIG, etc.

ISCJB 16 19:16:03.2-0.6, 2224S;006;6836W-006, h103km, 5km, mb4.5/46, Error ellipse: s-maj=11.1km s-min=6.5km az=37.1

BUI 16 19:16:03.2, 2230S;6840W, h114km, mb4.7

IDC 16 19:16:03.9-0.5, 2228S;6851W, h100km, 5km, mb4.2/15, mb1 4.2/19, mb1mx4.1/25, mbtmp4.1/19, MS3.1/2, Ms1 3.1/2, ms1mx2.5/27, Error ellipse: s-maj=16.6km s-min=11.2km az=44.0

NEIC 16 19:16:05.2-0.2, 2232S;6844W, mb4.6/40, Error ellipse: s-maj=9.1km s-min=5.5km az=61.0

ISC 16 19:16:04.4-0.5, 2228S;006;6836W-005, h100km, 5km, h116km, 1.3km; p-P, n242, c673/230, mb4.5/46, 59C-66D, Northern Chile

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including LVC, LPAZ, ARE, CFAA, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including LAZ, ANMO, 118A, TUC, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including ULM, TPWK, ELKO, etc.

Table with columns for flight codes (e.g., MJAR, MAJO), destinations (e.g., Matsushiro, Nanjing), times, and status indicators (P, S, X, etc.).

Table with columns for flight codes (e.g., CHG, CHTO, ERM), destinations (e.g., Chiang Mai, Erimo, Xi'an), times, and status indicators (P, S, X, etc.).

Table with columns for flight codes (e.g., LZH, BTO, HBR), destinations (e.g., Lanzhou, Baotou, Khabarovsk), times, and status indicators (P, S, X, etc.).

Table with columns for station name, time, frequency, and other technical details. Includes stations like Sawmill, Akbulak array, McKinley, etc.

Table with columns for station name, time, frequency, and other technical details. Includes stations like Novokhopersk, Neilton Lookou, Tamitsa, etc.

Table with columns for station name, time, frequency, and other technical details. Includes stations like Yellowknife Ar, Columbia Cole, Joensuu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOR, BCIP, DWPF, NHSC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDCO, BNM, ANMC, LAZ, ISCO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, CN2, LZH, CD2, etc.

Table with columns: GUMO, comp, station name, time, phase, ID, h, m, s, Res, ISC. Includes stations like Guam, Hachigojima, Kuchino, etc.

NNC 17 13:15:25.8, 14.0, 3713N, 17124E, h16km, 294km, mb3.5, mpv3.3, 4C-1D, Error ellipse: s-maj=277.8km s-min=55.5km az=177.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KK31, KK32, etc.

Table with columns: AKTO, Aktyubinsk, 16.34 329, Pn, 13 19 14.8, +0.5. Includes NEIC 17 13:32:12.7, 4562S, 16656E, h12km, ML3.9(WEL), After WEL.

ISCJB 17 13:50:15.7, 1.0, 3512N, 004.3881E, 005, h22km, 9km, Error ellipse: s-maj=7.9km s-min=4.5km az=137.4

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

ISCJB 17 15:02:47.1, 1.1, 194N, 12728E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/1, mbtbp3.5/5, ML3.2/1, Error ellipse: s-maj=99.7km s-min=23.1km az=68.0, Halmahera

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

ISCJB 17 15:49:49.5, 0.8, 454N, 02.279W, 0.1, h10km, mb3.8/9, MS3.3/2, Error ellipse: s-maj=24.9km s-min=12.6km az=177.9

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

ISCJB 17 15:49:49.5, 1.1, 4537N, 2794W, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/2, mbtbp3.5/7, ML3.3/1, MS3.3/2, MS1 3.9/2, Error ellipse: s-maj=35.3km s-min=22.7km az=6.0

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

ISCJB 17 15:49:51.2, 0.6, 4533N, 2786W, h10km, mb4.6/3, Error ellipse: s-maj=21.4km s-min=10.7km az=180.0

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

ISCJB 17 15:49:51.3, 0.8, 454N, 02.279W, 0.1, h10km, n35, 0.06/65, mb3.8/9, MS3.3/2, Northern Mid-Atlantic Ridge

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

ISCJB 17 14:04:41.4, 1.1, 846S, 121.492E, h190km, 16km, mb4.2/1, Error ellipse: s-maj=38.9km s-min=11.5km az=54.0

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

ISCJB 17 14:04:42.3, 1.0, 84S, 02.1216E, 02, h205km, 69km, n15, 0.123/23, mb3.6/2, Flores region

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

Table with columns: WRA, Warramunga Arr, 16.82 134, P, 14 08 25.6, +0.7. Includes stations like WRA, WRAB, etc.

IDC 17 14:31:11.1, 15.0, 2307S, 17925W, h523km, 119km, mb3.1/6, mb1 3.3/7, mb1mx3.0/1.7, mbtbp3.2/7, Error ellipse: s-maj=220.8km s-min=41.9km az=55.0, South of Fiji Islands

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

ISCJB 17 14:48:04.2, 1.6, 180S, 04.1785W, 0.3, h600km, mb3.6/6, Error ellipse: s-maj=62.5km s-min=22.1km az=154.2

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

ISCJB 17 14:48:05.1, 1.6, 180S, 04.1784W, h607km, 92km, mb2.9/4, mb1 3.2/4, mb1mx2.9/14, mbtbp2.9/4, Error ellipse: s-maj=54.1km s-min=36.5km az=130.0

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

ISCJB 17 15:02:47.1, 1.1, 194N, 12728E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/1, mbtbp3.5/5, ML3.2/1, Error ellipse: s-maj=99.7km s-min=23.1km az=68.0, Halmahera

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

ISCJB 17 15:02:47.1, 1.1, 194N, 12728E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/1, mbtbp3.5/5, ML3.2/1, Error ellipse: s-maj=99.7km s-min=23.1km az=68.0, Halmahera

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

ISCJB 17 15:49:49.5, 0.8, 454N, 02.279W, 0.1, h10km, mb3.8/9, MS3.3/2, Error ellipse: s-maj=24.9km s-min=12.6km az=177.9

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

ISCJB 17 15:49:49.5, 1.1, 4537N, 2794W, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/2, mbtbp3.5/7, ML3.3/1, MS3.3/2, MS1 3.9/2, Error ellipse: s-maj=35.3km s-min=22.7km az=6.0

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

ISCJB 17 15:49:51.2, 0.6, 4533N, 2786W, h10km, mb4.6/3, Error ellipse: s-maj=21.4km s-min=10.7km az=180.0

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

ISCJB 17 15:49:51.3, 0.8, 454N, 02.279W, 0.1, h10km, n35, 0.06/65, mb3.8/9, MS3.3/2, Northern Mid-Atlantic Ridge

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

ISCJB 17 14:04:41.4, 1.1, 846S, 121.492E, h190km, 16km, mb4.2/1, Error ellipse: s-maj=38.9km s-min=11.5km az=54.0

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

ISCJB 17 14:04:42.3, 1.0, 84S, 02.1216E, 02, h205km, 69km, n15, 0.123/23, mb3.6/2, Flores region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like GRA1, GRF, GRR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like TORR, TORI, TORB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like MCH1, VYHS, PSZ, etc.

comp=Z,38nm,18.4s,baz=22,slow=33
ASAR Alice Springs 45.20 260 P
WRA Warramunga Arr 42.81 265 P

ISCJB 17 20:05:55.8,1.1, 1.0285,0.06,160E,0.2, h10km, mb3.8/5,
Error ellipse: s-maj=25.8km s-min=7.1km az=12.8

NEIC 17 20:05:57.5,1.1, 1.0145,15.992E, h10km, mb4.1/3, Error
ellipse: s-maj=32.2km s-min=9.9km az=118.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HNR Honiara, CTA Charters Tower, WRAB Tennant Creek, etc.

KISR 17 20:17:41.7, 3048N,51.08E, h3km, ML2.2
ISCJB 17 20:17:49.2,0.7, 3182N,004.4952E,0.06, h10km, Error
ellipse: s-maj=7.9km s-min=5.6km az=29.9

THR 17 20:17:51.1, 3.3, 3185N,49.39E, h45km, 1km, ML2.6,
CSEM 17 20:17:51.1, 3.3, 3185N,49.39E, h45km, ML2.6, After THR
ISC 17 20:17:49.7, 1.4, 3188N,005.4956E,0.08, h6km, 11km, n10,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SHGR Shooshtar-Gavs, ASAO Ushtan, UMR Um Al-Rimam, etc.

ISC 17 20:19:52.2,3.5, 3189N,70.40E, h0km, mb3.5/4, mb1 3.6/6,
mb1 mx3.4/27, mbmp3.6/6, ML3.3/2, Error ellipse:
s-maj=82.4km s-min=29.4km az=133.0

MOS 17 20:19:58.4, 1.2, 3207N,70.33E, h3km, mb4.1/4, Error
ellipse: s-maj=20.4km s-min=10.0km az=81.7

NEIC 17 20:19:57.5, 0.7, 3197N,70.40E, h3km, mb3.9/4, Error
ellipse: s-maj=12.0km s-min=7.9km az=151.0

ISCJB 17 20:19:59.7,2.3, 323N,0.1,70.4E,0.1, h5km, 1km,
mb3.9/4, Error ellipse: s-maj=20.6km s-min=12.3km
az=154.3

ISC 17 20:19:58.8,2.3, 321N,0.1,70.4E,0.1, h40km, 18km, n28,
r1506/32, mb3.9/4, 1C-1D, Pakistan
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KBL Kabul, UCH Uchtor, EKS2 Erkin-Say, etc.

comp=Z,3.0nm,0.5s,mb4.1
KIV Kislovodsk 24.75 307 P
MALT Malatya 26.80 292 P

ISC 17 20:38:42.9, 39.33N,25.91E, h7km, MD3.1
NEIC 17 20:38:44.1, 39.33N,25.86E, h9km, MD3.2(A,TH),
MD3.0(I,S), ML3.0(T,H), After THE.

CSEM 17 20:38:44.8,0.1, 39.35N,25.94E, h20km, ML3.0, Error
ellipse: s-maj=1.2km s-min=0.9km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PRK Paraskevi, BOZC Bozcaada, EZIN Ezine, etc.

ISC 17 20:38:43.9,0.5, 39.34N,0.02,25.85E,0.03, h12km, 3km, n43,
r0576/66, 1D, Aegean Sea
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GADA Gvkgeada, URLA Izmir, LPK Lapseki, etc.

ISC 17 20:48:50.5,2.3, 708S,13000E, h0km, mb1 4.2/4,
mb1 mx3.7/16, mbmp4.1/4, ML3.9/4, Error ellipse:
s-maj=37.5km s-min=33.4km az=165.0, Banda Sea
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BATI Baunata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 17 21:04:54.5,0.6, 2425S,0.05,6704W,0.09, h187km, 7km,
mb3.9/7, Error ellipse: s-maj=13.7km s-min=7.9km
az=170.6

NEIC 17 21:04:55.2,0.7, 2427S,67.01W, h175km, 7km, mb4.4/5,
Error ellipse: s-maj=12.4km s-min=8.3km az=89.0

ISC 17 21:04:55.5, 1.1, 2422S,66.98W, h175km, 10km, mb3.4/4,
mb1 3.5/9, mb1 mx3.4/20, mbmp3.4/9, Error ellipse:
s-maj=17.2km s-min=14.0km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LVC Limon Verde, CFAA Coronel Fontan, LPAZ La Paz, etc.

TRQA Torquay 14.42 164 ePn Pn
BDFB Brasilia 19.78 68 P
EFI East Falkland 28.23 158 P

ISC 17 22:06:23.6, 17.0, 1301S,16780E, h576km, 220km,
mb3.0/4, mb1 3.2/4, mb1 mx3.0/14, mbmp3.0/4, Error
ellipse: s-maj=164.5km s-min=53.2km az=174.0, Fiji
Islands region

STKA Stephens Creek 38.34 241 Op P
WRA Warramunga Arr 44.27 259 P
ASAR Alice Springs 44.25 254 P

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

NEIC 17 21:10:09.2,0.1, 4169S,17423E, h16km, 1km, ML3.9/44,
Error ellipse: s-maj=1.1km s-min=1.0km az=90.0, Cook
Strait
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

ISC 17 22:06:23.6, 17.0, 1301S,16780E, h576km, 220km,
mb3.0/4, mb1 3.2/4, mb1 mx3.0/14, mbmp3.0/4, Error
ellipse: s-maj=164.5km s-min=53.2km az=174.0, Fiji
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, MJARR Matsushiro Arr, SONMI Songjio Array, MKRAR Makanchi Array, etc.

IDC 17 22:40:16.5-63.0, 2300S-1769W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/1.3, mbtmp3.8/3, MS3.6/1, Ms1 3.6/1, m1mx2.8/1.8, Error ellipse: s-maj=1159.0km s-min=179.3km az=87.0, South of Fiji Islands

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

JMA 17 22:52:03.1-0.4, 2999N-13882E, h64km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK02 Tokai 2, JWZ Kozaga, JIE Ise, IKJ2 Miekihoku, JTO Tosashimizu, etc.

ISCJB 17 23:01:23.6-1.0, 3534N-004.4031E, 0.05, h19km, 6km, mb3.8/8, MS3.0/8, Error ellipse: s-maj=7.5km s-min=4.4km az=41.7

CSEM 17 23:01:23.7-0.1, 3533N-4026E, h20km, mb4.0/4, Error ellipse: s-maj=2.6km s-min=1.5km az=128.0

IDC 17 23:01:23.6-1.0, 3531N-4028E, h0km, mb3.7/3, mb1 3.8/8, m1mx3.6/2.5, mbtmp3.7/8, ML3.5/3, MS3.0/1.2, Ms1 3.0/1.2, m1mx2.8/4.0, Error ellipse: s-maj=34.6km s-min=17.0km az=140.0

NSSC 17 23:01:24.3, 3542N-4025E, h15km, 3km, MOS 17 23:01:24.1-1.5, 3534N-4033E, h21km, mb4.0/4, Error ellipse: s-maj=12.2km s-min=8.3km az=99.8

NEIC 17 23:01:24.4-0.6, 3540N-4034E, h10km, mb4.0/6, Error ellipse: s-maj=10.3km s-min=6.9km az=154.0

DDA 17 23:01:24.7, 3542N-4054E, h16km, ISC 17 23:01:22.9-1.0, 3538N-003.4030E, 0.04, h0km, 6km, n87, MS3.9/8, MS3.0/8, JD, Jordan - Syria region

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including AI Beshri, ALMNKUR, Sufian, Malatyia, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKTK Aktyubinsk, AKTO Aktyubinsk, AKTO comp=2.0, 2nm, 0.3s, bazz=231, slow=1.4, SNR=4.8, VRAC Vranov, etc.

ISCJB 17 23:41:03.8-0.8, 669N-01.1768W, 0.2, h10km, mb3.8/1.4, Error ellipse: s-maj=20.8km s-min=4.9km az=21.2

MOS 17 23:41:03.3-0.8, 6682N-1769.9W, h10km, mb4.1/8, Error ellipse: s-maj=34.5km s-min=14.2km az=95.8

IDC 17 23:41:05.1-0.9, 6683N-177.10W, h0km, mb3.7/1.0, mb1 3.9/1.1, mb1mx3.8/2.2, mbtmp3.7/1.1, Error ellipse: s-maj=56.1km s-min=19.0km az=29.0

NEIC 17 23:41:05.6-0.8, 6684N-1769.9W, h10km, mb4.2/4, Error ellipse: s-maj=21.7km s-min=6.7km az=204.0

ISC 17 23:41:05.7-0.8, 6681N-01.1770W, 0.2, h10km, n35, 0.87/40, mb3.8/1.4, Near north coast of eastern Siberia

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including PRU Pruhonice, KHC Kasperske Hory, PVCC Panska Ves, ARU Arti, BRG Berggiesshobel, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNA Indian Mountain, IMA2 Indian Mountain, TTA Talatina, TTA comp=2.9, 0nm, 0.6s, TTA Talatina, etc.

ISCJB 17 23:46:19.9-0.7, 2840N-005.10483E-0.08, h10km, mb3.7/6, Error ellipse: s-maj=11.8km s-min=4.4km az=152.0

IDC 17 23:46:19.7-1.4, 2830N-104.92E, h0km, mb3.7/6, mb1 3.7/7, mb1mx3.5/2.2, mbtmp3.6/7, ML3.9/1, Error ellipse: s-maj=42.3km s-min=23.9km az=64.0

BUI 17 23:46:22.5, 2837N-104.99E, h17km, ML3.5, ISC 17 23:46:21.3-1.0, 2840N-004.10487E, 0.07, h2km, 7km, n11, r1508/19, mb3.7/6, Sichuan

Code Station Name Az Az' Op Phase ID Time Res h m s ISC. Lists stations like GYA Guiyang, GYA comp=N, 226nm, 0.8s, GYA comp=E, 170nm, 0.7s, etc.

NDI 17 23:54:39.2-6.8, 3354N-78.15E, h55km, ML3.9, mb3.8(NEIC)

IDC 17 23:54:59.8-2.1, 3257N-76.58E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/2.6, mbtmp3.9/9, ML3.6/2, MS3.1/4, Ms1 3.1/4, m1mx2.7/3.4, Error ellipse: s-maj=39.6km s-min=26.3km az=145.0

ISCJB 17 23:55:02.3-1.4, 3277N-003.7653E, 0.06, h15km, 10km, mb3.9/9, MS3.1/3, Error ellipse: s-maj=9.3km s-min=3.8km az=162.7

MOS 17 23:55:04.8-0.9, 3286N-76.60E, h33km, mb4.1/7, Error ellipse: s-maj=36.8km s-min=10.9km az=94.8

NEIC 17 23:55:06.4-1.8, 3301N-78.23E, h55km, 16km, mb3.8/3, Error ellipse: s-maj=16.9km s-min=14.5km az=196.0

ISC 17 23:55:02.1-1.3, 3271N-003.7657E, 0.07, h5km, 10km, n49, r1516/61, mb3.9/9, MS3.1/3, Kashmir-India border region

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including DLH Dalhousie, THN Thein Dam, SDNR Sundarnagar, BHK Bhakra, JMU Jammu, SMLA Simla, KLP Kalpa, etc.

Table of astronomical observations for 18 days and 4 hours. Columns include station name, coordinates, elevation, and various observation parameters like SNR and error.

Main table of astronomical observations for 2007 June. Columns include station name, coordinates, elevation, and various observation parameters like SNR and error.

Table of astronomical observations for 2007 June, continuing from the previous table. Columns include station name, coordinates, elevation, and various observation parameters like SNR and error.

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

IDD 18 04:44:12.41.1.0, 1353N:9052W, h0km, mb4.2/10, mb1.4/3.1, mb1mx4.0/22, mbtmp4.2/11, ML3.6/1, MS3.4/8, MS1.3/4.8, ms1mx3.0/20, Error ellipse: s-maj=38.5km, s-min=15.8km az=50.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like PGC Pacaya, FUG Fuego 3, SBLs San Blas, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like PPM Popocatepeti, ROSC El Rosal, CHOC El Rosal, etc.

IDD 18 04:46:54.8.0.7, 4713N:15544E, h0km, mb3.9/14, mb1.4/11.7, mb1mx4.0/21, mbtmp3.9/17, ML3.9/3, MS3.1/2, MS1.3/1.2, ms1mx2.6/35, Error ellipse: s-maj=20.8km, s-min=15.9km az=144.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, KUR Kuril'sk, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, BRVK Borovoye, BRVK Borovoye, etc.

IDD 18 04:50:23.6.7.6, 7245S:15425E, h0km, mb3.9/7, mb1.4/0.7, s-maj=225.8km, s-min=24.2km az=110.0, Bougainville - Solomon Islands region

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

LSA	Lhasa	66.10 305	eP	P	06 29 35.6 +1.8
LSA	comp=Z,166nm,1.6s,mb5.8			pmax	
LSA	comp=Z,4.4um,21.0s,MSS.6			MLR	MLR
LSA	Lhasa	66.10 305	eP	P	06 29 35.6 +1.8
LSA	comp=Z,166nm,1.6s,mb5.8			eP	
LSA	comp=Z,4.4um,21.0s,MSS.6			LR	LR
SEY	Seymchan	66.33 11	iP	P	06 29 33.9 -0.7
CAL	Calcutta	66.45 296	eP	P	06 29 38.7 +2.5
CAL	comp=Z,166nm,1.6s,mb5.8			ex	06 38 35.4
UNV	Unalaska Valle	67.27 26	eP	X	06 29 39.7 -1.0
UNV	comp=Z,97nm,1.1s,mb5.8			LR	LR
UNV	comp=Z,16um,20.0s,MSS.6			LR	LR
YAK	Yakutsk	67.44 349c	iP	P	06 29 41.0 -0.6
YAK	comp=Z,3um,15.0s,MSS.6			eP	06 29 44.6 -4.5
YAK	comp=Z,195nm,0.9s,mb6.1			e	06 30 07.5
YAK	comp=Z,9um,22.0s,MSS.9			ePPP	06 38 37.7 +1.6
YAK	comp=Z,3um,15.0s,MSS.6			eS	06 39 37.9
YAK	comp=Z,9um,22.0s,MSS.9			eSS	06 42 58.7 +2.0
YAK	comp=Z,99nm,1.7s,mb5.6			pmax	
YAK	comp=N,36nm,1.4s			pmax	
YAK	comp=E,15nm,1.4s			pmax	
YAK	comp=Z,1um,4.9s			pmax	
YAK	comp=N,689nm,4.8s			pmax	
YAK	comp=E,366nm,5.8s			pmax	
YAK	comp=N,1um,8.9s			smax	
YAK	comp=E,318nm,2.5s			MLR	MLR
YAK	comp=Z,3um,15.0s,MSS.6			MLR	MLR
YAK	Yakutsk	67.44 349	eP	P	06 29 41.7 0.0
YAK	comp=Z,195nm,0.9s,mb6.1			LR	LR
ZAK	Zakamensk	67.54 329	iP	P	06 29 42.7 +0.2
ZAK	comp=Z,62nm,1.1s,mb5.5			pmax	
AKUT	Akutan	67.78 26	eP	P	06 29 42.6 -1.3
AKUT	comp=Z,238nm,1.1s,mb5.1			pmax	
BOD	Bodaibo	68.03 340	eP	P	06 29 48.7 +3.2
BOD	comp=Z,61nm,1.1s,mb5.5			pmax	
TLY	Talaya	68.15 330	P	P	06 29 47.5 +1.2
TLY	comp=Z,275nm,1.1s,mb5.2,SNR=19			P	06 29 46.9 +0.6
TLY	Talaya	68.15 330	iP	P	06 29 46.4 +0.1
TLY	SNR=26			e	06 32 12.9
TLY	Talaya	68.15 330c	iP	P	06 38 44.9 0.0
TLY	comp=Z,52nm,1.0s,mb5.5			eS	
TLY	Talaya	68.15 330	eP	P	06 29 47.4 +1.1
TLY	comp=Z,51nm,1.0s,mb5.5			pmax	
IRK	Irkutsk	68.19 331	iP	P	06 29 46.1 -0.5
IRK	comp=Z,6um,21.0s,MSS.8			LR	LR
IRK	comp=Z,241nm,3.4s			pmax	
TAOE	Nuku Hiva Isla	68.54 98	eS	S	06 38 33.4 -1.8
TAOE	comp=Z,57um,26.6s			eSS	
TAOE	comp=Z,152um,31.3s			eLQ	06 46 34.6
TAOE	comp=Z,370um,31.1s			eLR	06 49 59.8
TAOE	comp=Z,1180um,24.8s			eLR	06 49 59.8
TAOE	Nuku Hiva Isla	68.54 98	eS	S	06 38 33.4 -1.8
TAOE	comp=Z,57um,26.6s			eSS	
TAOE	comp=Z,152um,31.3s			eLQ	06 46 34.6
TAOE	comp=Z,370um,31.1s			eLR	06 49 59.8
TAOE	comp=Z,1180um,24.8s			eLR	06 49 59.8
CASY	Casey	68.67 196	eP	P	06 29 49.0 -0.4
CASY	comp=Z,191nm,1.2s,mb5.9			eS	06 38 46.2 -4.6
BOK	Bokaro	68.94 297	eP	P	06 29 52.4 +0.6
BOK	comp=Z,117nm,1.6s,mb5.6			Amb	06 29 58.2
BOK	False Pass	69.29 26	eP	P	06 38 56.5 +1.1
BOK	comp=Z,94nm,0.7s,mb5.8			S	06 35 55.2 +2.1
VIS	Vishakhapatnam	69.99 290	eP	P	06 29 58.7 +0.2
VIS	comp=Z,120nm,1.4s,mb5.6			Amb	06 30 06.5
VIS	Sand Point	70.92 27	eP	P	06 39 10.8 +2.8
VIS	comp=Z,191nm,1.2s,mb5.9			iS	06 30 04.3 +1.0
PALK	Pallekete	71.00 279	eP	P	06 30 05.3 +0.6
PALK	comp=Z,124nm,1.3s,mb5.7			P	
PALK	comp=Z,5um,22.0s,MSS.8			LR	LR
BLSP	Bilaspur	71.94 295	eP	P	06 30 09.7 -0.6
BLSP	comp=Z,174nm,1.2s,mb5.8			eP	06 30 12.0
BLSP	comp=Z,174nm,1.2s,mb5.8			Amb	06 30 18.9
MDRS	Chennai	72.17 285	ex	X	06 39 46.8
BILL	Bilbino	72.25 6c	iP	P	06 30 10.5 -0.5
BILL	comp=Z,67nm,1.0s,mb5.5			P	06 30 20.9
BILL	comp=Z,7um,22.0s,MSS.9			i	06 30 26.3
BILL	comp=Z,7um,22.0s,MSS.9			i	06 32 49.7
BILL	comp=Z,7um,22.0s,MSS.9			iS	06 39 35.6 +3.2
BILL	comp=Z,7um,22.0s,MSS.9			iSS	06 44 13.2 +2.6
BILL	comp=Z,27nm,1.0s,mb5.1			pmax	
BILL	Bilbino	72.25 6	eP	P	06 30 09.4 -1.7
BILL	comp=Z,67nm,1.0s,mb5.5			LR	LR
BILL	comp=Z,7um,22.0s,MSS.9			LR	LR
CHGN	Chignik	72.42 27	eP	P	06 30 13.1 +0.7
WMQ	Urumqi	73.65 318	P	P	06 30 21.3 +1.3
WMQ	comp=Z,2um,4.0s			pP	06 30 26.0 -1.5
WMQ	comp=N,5um,24.8s,MSS.8			P	06 30 37.5 +1.8
WMQ	comp=E,2um,24.7s,MSS.8			PP	06 33 07.3 +2.8
WMQ	comp=Z,2um,4.0s			PP	06 39 49.8 +0.5
WMQ	comp=Z,2um,4.0s			SKS	06 40 22.6
WMQ	comp=Z,2um,4.0s			SCS	06 40 26.5 -1.5
WMQ	comp=Z,66nm,2.0s,mb5.2			AMB	
WMQ	comp=Z,2um,4.0s			AMB	
WMQ	comp=N,5um,24.8s,MSS.8			LR	LR
WMQ	comp=E,2um,24.7s,MSS.8			LR	LR
WMQ	comp=Z,2um,4.0s			LR	LR
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.6 +0.8
RKT	comp=Z,140nm,1.1s,mb5.8			eS	06 39 42.8 -1.0
RKT	comp=Z,4um,29.2s			eSS	06 44 12.9 -2.4
RKT	comp=Z,4um,37.8s			eLQ	06 50 49.5
RKT	comp=Z,29um,35.0s			eLR	06 53 38.3
RKT	comp=Z,27um,27.2s			eLR	06 53 38.3
RKT	Rikitea	73.89 113	eP	P	06 30 22.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Rows include I02A, N02C, H0P5, J02A, K02A, M02C, NLWA, D03A, F03A, I03A, O02C, G03A, COR, E03A, H03A, M02C, CVS, HUMO, HUMO, HUMO, G03A, M03C, J03A, YB03, YB03, YB03, YB03, YB03, WDC, WDC, WDC, WDC, B04A, Q03C, BDM, C04A, O03C, BUOR, I04A, M03C, D04A, E04A, HAST, G04A, SUTB, SAO, J04A, F04A, A04A, H04A, L04A, M04C, V03C, PACP, S04C, OHCM, ORV, Q04C, HATC, LTIM, V04C, D05A, B05A, A05A, U04C, R04C, E05A, O04C, M05C, T05C, J05A, O05C, C05A, PKD, F05A, I05A, LAVA, H05A, ELFS.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Rows include P05C, B05A, L05A, K05A, A06A, P05C, CMB, CMB, CMB, CMB, S05C, U05C, E06A, M06C, BEKR, SMMC, F06A, V05C, D06A, PKM, C06A, G06A, R05C, MOD, MOD, MOD, K06A, SNCC, S06C, EBG, H06A, T06C, P06A, I06A, J06A, WCN, N06A, A07A, R06C, KCC, F07A, RCTC, C07A, B07A, PAHR, WTV, E07A, YES, G07A, H07A, HELL, I07A, L07A, R07C, ARVC, HAWA, M07A, K07A, OSI, MLAC, N07B, P07A, Q07A, O07A, B08A, CIS, ISA, M07A, A08A, E08A, G08A, C08A, D08A, WVOR, WVOR, H08A, NVAR, TIN, I08A, OD2, M08A, S08C.

Table with columns: ID, Name, Az, El, Az El, P, Az El, P. Rows include J08A, CWC, EDW2, L08A, R08A, A09A, N08A, P08A, Q08A, D09A, B08C, C09A, LRMC, E09A, SVE, SVE, SVE, SVE, B09A, DAC, DAC, F09A, MPMC, J09A, K09A, L09A, I09A, G09A, AB31, GRAC, N09A, H09A, M09A, S09A, TPH, TPH, TPH, A10A, B09A, BMM, BMM, BMM, RRX, O09A, P09A, BMO, BMO, BMO, R09A, BBRC, C10A, D10A, F10A, FURC, B10A, GSC, GSC, GSC, GSC, G10A, E10A, NEW, NEW, NEW, K10A, H10A, J10A, S10A, PFO, PFO, PFO, MONP, H10A, M10A, O10A, N10A.

HEC	Hector,Ludlow	94.19	55	↑P	P	06 32 05.4	-0.1
P10A	Eureka	94.19	51	↑P	P	06 32 05.6	+0.1
Q10A	Clear Creek Ra	94.22	51	↑P	P	06 32 05.1	-0.6
U10A	Ash Meadows, A	94.22	54	↑P	P	06 32 05.6	-0.1
SYO	Syowa Base	94.22	200j	eP	P	06 32 04.4	-0.6
SYO	Syowa Base	94.22	200j	↑P	P	06 32 10.0	-2.7
L10A	Juniper Basin	94.23	48	↑P	P	06 32 05.5	-0.1
SHOC	Shoshone	94.25	54	↑P	P	06 32 05.5	-0.3
R10A	Warm Springs	94.29	52	↑P	P	06 32 06.1	+0.2
TPNV	Topopah Spring	94.30	53	eP	P	06 32 06.3	+0.2
TPNV	comp=Z,39nm,1.1s,mb5.8				pmx		
TPNV	comp=Z,8um,20.0s,MS6.2				MLR	MLR	
TPNV	Topopah Spring	94.30	53	↑P	P	06 32 05.8	-0.3
TPNV	Topopah Spring	94.30	53	eP	P	06 32 06.3	+0.3
TPNV	comp=Z,39nm,1.1s,mb5.8				LR	LR	
ARU	Arti	94.33	326f	↑P	P	06 32 04.6	-1.1
ARU	Arti	94.33	326c	↑P	P	06 32 03.7	-2.0
ARU					e	06 35 50.3	
ARU					eSP	06 44 26.0	-4.5
ARU					ePS	06 44 36.6	+2.6
ARU	comp=Z,37nm,2.5s,mb5.4				pmx		
ARU	comp=Z,10um,22.0s,MS6.2				MLR	MLR	
ARU	Arti	94.33	326f	↑P	P	06 32 03.0	-2.7
ARU					P	06 32 07.4	
ARU	comp=Z,8um,22.0s,MS6.2				LR	LR	
B11A	Sandpoint	94.38	42	↑P	P	06 32 05.7	-0.4
A11A	Hall Mountain,	94.39	41	↑P	P	06 32 06.5	+0.4
D11A	Klaveano Farm,	94.39	43	↑P	P	06 32 06.0	-0.2
G11A	Walters Elk Ra	94.42	45	↑P	P	06 32 05.3	-1.1
BELC	Belle Mtn.	94.44	56	↑P	P	06 32 06.4	-0.4
E11A	Bogner Ranch,	94.47	44	↑P	P	06 32 05.6	-1.0
F11A	Grangeville	94.50	44	↑P	P	06 32 05.0	-1.8
TUQ	Turquoise Mtn.	94.53	55	↑P	P	06 32 07.0	-0.1
K11A	Parker Ranch,	94.56	48	↑P	P	06 32 07.0	-0.1
SWSC	Sam W. Stewart	94.59	57	↑P	P	06 32 06.9	-0.6
H11A	Donnelly	94.59	46	↑P	P	06 32 06.7	-0.5
I11A	Placerville	94.63	46	↑P	P	06 32 06.8	-0.5
AKTK	Aktubinsk	94.66	320	↑P	P	06 32 06.1	-1.3
AKTO	Aktubinsk	94.66	320	↑P	P	06 32 06.1	-1.3
MFID	Camas Ranch	94.72	47	↑P	P	06 32 07.4	-0.4
M11A	Holland Ranch,	94.73	49	↑P	P	06 32 07.9	0.0
P11A	Circle Ranch,	94.73	51	↑P	P	06 32 07.8	-0.2
GMRC	Granite Mounta	94.74	56	↑P	P	06 32 08.0	-0.1
L11A	Cat Creek Ranc	94.76	48	↑P	P	06 32 07.9	-0.2
N11A	Elko Archery C	94.76	49	↑P	P	06 32 08.0	0.0
Q11A	Duckwater	94.80	51	↑P	P	06 32 07.9	-0.4
O11A	Cowboy Ranch,	94.82	50	↑P	P	06 32 08.3	-0.1
R11A	Troy Canyon, C	94.85	52	↑P	P	06 32 08.1	-0.4
A12A	Yaak River Ran	94.85	41	↑P	P	06 32 08.1	-0.2
BC3	Big Chuck Mtn	94.89	57	↑P	P	06 32 08.7	-0.2
B12A	Libby	94.90	42	↑P	P	06 32 08.2	-0.3
V11A	Goodsprings	94.94	54	↑P	P	06 32 08.8	-0.3
D12A	Red Ives Fores	95.06	43	↑P	P	06 32 08.9	-0.4
T11A	Corn Creek, Al	95.13	53	↑P	P	06 32 09.5	-0.3
F12A	Elk City	95.13	45	↑P	P	06 32 08.5	-1.1
ELK	Elko	95.14	50	↑P	P	06 32 09.6	-0.3
ELK	Elko	95.14	50	eP	P	06 32 10.2	+0.4
ELK	comp=Z,40nm,1.5s				pmx	pmx	
ELK	comp=Z,8um,22.0s				MLR	MLR	
ELK	comp=Z,40nm,1.5s,mb5.6				LR	LR	
IRM	Iron Mountain	95.15	56	↑P	P	06 32 09.7	-0.3
YKA	Yellowknife Ar	95.17	28	↑P	P	06 32 09.0	-0.4
YKA	comp=Z,7.7nm,0.9s,mb5.1,baz=272,slow=4.5,SNR=20				PP	PP	
YKA	comp=Z,4.3nm,1.1s,baz=275,slow=7.6,SNR=4.2				LR	LR	
YKA	Yellowknife Ar	95.17	28	↑P	P	06 32 09.0	-0.4
YKA	Yellowknife Ar	95.17	28	↑P	P	06 32 09.0	-0.4
YKA	Yellowknife Ar	95.17	28	↑P	P	06 35 58.6	-0.6
YKA	Yellowknife Ar	95.17	28	↑P	P	07 14 55.7	
SOKR	Solkamsk	95.22	329d	↑P	P	06 32 08.9	-0.8
SOKR					S	06 36 05.9	
SOKR					SKSP	06 42 48.1	+4.1
SOKR					PS	06 44 44.7	+1.0
SOKR					SS	06 50 00.7	+1.1
SOKR	comp=Z,20nm,1.3s,mb5.4				pmx	pmx	
SOKR	comp=Z,4um,20.0s,MS5.9				MLR	MLR	
MSEY	Mahe Island	95.24	265	↑P	P	06 32 20.0	+9.1
MSEY	comp=Z,9um,21.0s,MS6.2				LR	LR	
J12A	Stokes Ranch,	95.25	47	↑P	P	06 32 10.0	-0.2
N12A	Clover Valley,	95.29	49	↑P	P	06 32 10.3	-0.1
L12A	House Creek Ra	95.31	48	↑P	P	06 32 10.3	-0.3
M12A	Wells	95.39	49	↑P	P	06 32 10.9	-0.1
P12A	McGill	95.39	51	↑P	P	06 32 10.8	-0.2
W12A	Cal Nev Ari	95.39	55	↑P	P	06 32 10.8	-0.3
K12A	Draper Farm, C	95.39	48	↑P	P	06 32 10.5	-0.4
GLA	Glamis	95.40	57	eP	P	06 32 12.2	+1.0
GLA	comp=Z,54nm,1.3s,mb5.8				pmx	pmx	
GLA	comp=Z,11um,22.0s,MS6.3				MLR	MLR	
GLA	Glamis	95.40	57	↑P	P	06 32 11.4	+0.2
GLA	Glamis	95.40	57	eP	P	06 32 12.2	+1.0
GLA	comp=Z,54nm,1.3s,mb5.8				LR	LR	
GLA	comp=Z,11um,22.0s,MS6.3				LR	LR	
V12A	Nelson	95.41	55	↑P	P	06 32 11.2	0.0
H12A	Diamond D Ranc	95.42	46	↑P	P	06 32 10.6	-0.4
S12A	Delamar Landin	95.43	53	↑P	P	06 32 11.1	-0.1

Q12A	Willow Creek R	95.45	51	↑P	P	06 32 11.0	-0.2
Q12A	Currie	95.52	50	↑P	P	06 32 11.6	0.0
T12A	Mooapa	95.53	54	↑P	P	06 32 11.4	-0.3
C13A	Hot Springs	95.58	43	↑P	P	06 32 12.0	+0.3
I12A	Yuma	95.60	58	↑P	P	06 32 12.2	0.0
R12A	Pony Springs,	95.62	52	↑P	P	06 32 12.5	+0.4
B13A	Whitefish	95.64	42	↑P	P	06 32 11.9	0.0
Y12C	Blythe	95.66	57	↑P	P	06 32 12.4	0.0
U12A	Valley of Fire	95.67	54	↑P	P	06 32 12.2	-0.2
A13A	Flathhead Natio	95.67	41	↑P	P	06 32 12.1	+0.1
D13A	Huson	95.67	43	↑P	P	06 32 11.9	-0.2
HLID	Hailey	95.75	47	↑P	P	06 32 12.5	0.0
HLID	Hailey	95.75	47	eP	P	06 32 12.5	0.0
HLID	comp=Z,117nm,1.3s,mb5.3				LR	LR	
F13A	Darby	95.78	45	↑P	P	06 32 11.9	-0.7
H13A	Challis	95.85	46	↑P	P	06 32 12.4	-0.5
G13A	Cobalt	95.86	45	↑P	P	06 32 12.3	-0.7
E13A	Victor	95.87	44	↑P	P	06 32 11.8	-1.2
J13A	Cove Ranch, Pi	95.92	47	↑P	P	06 32 12.6	-0.7
N13A	Wendover, West	95.92	49	↑P	P	06 32 12.7	-0.7
M13A	Montello	95.95	49	↑P	P	06 32 13.1	-0.4
I13A	Wildhorse Cree	95.96	46	↑P	P	06 32 13.3	-0.1
PDMC	Parker Dam,Lak	95.98	56	↑P	P	06 32 13.8	-0.1
K13A	Stover Farm, H	96.00	48	↑P	P	06 32 13.7	0.0
WALA	Waterton Lakes	96.00	41	eP	P	06 32 13.5	0.0
MSO	Missoula	96.03	43	eP	P	06 32 14.2	+0.5
MSO	comp=Z,118nm,1.3s,mb5.2				LR	LR	
MSO	comp=Z,3.5nm,1.0s,mb4.7						
Q13A	Wheeler Ranch,	96.08	51	↑P	P	06 32 13.7	-0.4
P13A	Bates Ranch, G	96.08	51	↑P	P	06 32 13.8	-0.3
O13A	Hicks Ranch, I	96.10	50	↑P	P	06 32 13.8	-0.4
L13A	Double Diamond	96.11	48	↑P	P	06 32 13.8	-0.4
V13A	Grand Canyon W	96.12	54	↑P	P	06 32 14.1	-0.3
U13A	Pakistan Wash	96.13	54	↑P	P	06 32 14.2	-0.3
C14A	Swan Lake	96.14	43	↑P	P	06 32 13.1	-1.1
T13A	Saint George	96.18	53	↑P	P	06 32 14.6	0.0
W13A	Hualapai Mount	96.20	55	↑P	P	06 32 14.8	0.0
S13A	Holt Ranch, En	96.21	53	↑P	P	06 32 14.8	0.0
EDM	Edmonton	96.21	37	eP	P	06 32 14.1	-0.3
X13A	Yucca	96.24	56	↑P	P	06 32 14.9	-0.1
Y13A	Salome	96.25	57	↑P	P	06 32 15.3	+0.3
I13A	Mohawk Valley,	96.29	58	↑P	P	06 32 15.4	+0.1
D14A	Greengough	96.32	43	↑P	P	06 32 14.1	-0.9
E14A	Clinton	96.36	44	↑P	P	06 32 14.4	-0.8
G14A	Jaccon	96.40	45	↑P	P	06 32 14.9	-0.5
F14A	Wisdom	96.45	44	↑P	P	06 32 14.7	-0.9
CHMT	Chamberlain Mo	96.50	43	eP	P	06 32 15.4	-0.5
ARUT	Antelope Range	96.54	53	eP	P	06 32 17.3	+1.0
MC14	Sheep Mountain	96.56	49	↑P	P	06 32 15.7	-0.5
CUAT	Cedar City	96.61	53	eP	P	06 32 17.4	+0.8
K14A	Jones Ranch, D	96.67	48	↑P	P	06 32 16.8	0.0
N14A	Grayback Hills	96.70	49	↑P	P	06 32 16.2	-0.7
S14A	Cedar City	96.76	53	↑P	P	06 32 17.4	+0.2
U14A	Mt Trumbull	96.76	54	↑P	P	06 32 17.6	+0.3
V14A	Boquillas Ranc	96.83	55	↑P	P	06 32 17.8	+0.2
T14A	Hurricane	96.83	53	↑P	P	06 32 17.5	-0.1
MCMT	McKenzie Canyo	96.85	45	eP	P	06 32 17.8	+0.3
W14A	Selgman	96.					

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ANMO, KEMA, KEMALIE, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSU1, Kansas State U, KEMA, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BER, STHS, Stebnicka Huta, etc.

529

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like LZH Lanzhou, SEY Seymour, KDKA Kodiak Island, etc.

2007 JUN

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like HULL Hull Mountain, HUMO Hull Mountain, H02A Mapleton, etc.

18d 6h

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like TUQ Turquoise Mtn., U10A Ash Meadows, SYO Syowa Base, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PYA Pyatigorsk, BEYR Belyy Ugol, KIVO Kislodovsk Arr, etc.

HLW 18 07:47:17.5, 297N-3663E, h20km, Mb3.0
ISCJB 18 07:47:18.7 ± 1.3, 2992N-005.3615E-008, h10km, Error ellipse: s-maj=10.7km s-min=6.7km az=169.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, ZFRI Zfri, etc.

ISCJB 18 07:53:01.0 ± 1.9, 184S-03.1780W-02, h390km, 28km, mb3.6/6, Error ellipse: s-maj=50.3km s-min=22.3km az=158.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 18 08:08:55.9 ± 2.0, 1702N-9996W, h0km, mb3.7/3, mb1.3/9/5, mb1mx3.7/2, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=44.9km s-min=20.0km az=17.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Meizala, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MMIG Huatulco, HUIG Huatulco, LVIG Laguna Verde, etc.

DJA 18 08:10:06.1135x12731E, h33km, ML3.7/2
ISC 18 08:10:01.1 ± 2.3, 121S-12743E, h0km, mb3.9/2, mb1.4/1/3, mb1mx3.7/16, mbtmp3.9/3, ML3.8/1, Error ellipse: s-maj=206.0km s-min=25.4km az=67.0, Halmahera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KAKA Kakadu, WRA Warramunga Arr, WBA Warramunga Arr, etc.

NEIC 18 08:28:50.9, 1913N-6476W, h60km, MD3.5(RSPR), After

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ABV Anegada, TBVI Tortola, STVI Saint Thomas, etc.

RSPR 18 08:28:50.9, 1913N-6476W, h60km, 5km, MD3.5/8, MD3.5/8, 8C, Virgin Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

DJA 18 08:41:38, 108Sx12760E, h0km, ML3.6/2
ISC 18 08:41:36.4 ± 3.2, 149S-12683E, h0km, mb3.8/2, mb1.3/9/3, mb1mx3.8/17, mbtmp3.7/3, ML3.9/1, Error ellipse: s-maj=384.1km s-min=25.4km az=66.0, Southern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

ISCJB 18 08:48:11.5 ± 1.8, 55S-01x1478E-03, h33km, mb4.8/5, Error ellipse: s-maj=36.7km s-min=18.1km az=9.4
NEIC 18 08:48:12.4 ± 1.6, 52S-14732E, h15km, mb4.3/4, Error ellipse: s-maj=39.2km s-min=17.2km az=103.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FGSL Fruska Gora, BZS Buzias, BZS Buzias, etc.

IDC 18 09:31:41.4 ± 2.1, 1107S-16795E, h0km, mb4.2/6, mb1.4/3/6, mb1mx3.9/17, mbtmp4.2/6, Error ellipse: s-maj=46.6km s-min=28.9km az=45.0, Santa Cruz Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, RPZ Rata Peaks, etc.

IDC 18 09:49:57.0 ± 4.7, 338S-10609E, h0km, mb3.5/4, mb1.3/6/4, mb1mx3.4/19, mbtmp3.5/4, Error ellipse: s-maj=268.6km s-min=24.8km az=53.0, Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

MAN 18 09:58:38, 651N-12694E, h106km, mb4.0, ML2.7, MS2.4, 1C, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MATI Mati, GSPH General Santos, BUKP Musuan, etc.

MEX 18 09:55:45.0 ± 5.0, 1698N-9875W, h68km, 34km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ACX Acapulco, MEIG Meizala, EI CAIG El Cayaco, etc.

IDC 18 10:03:19.9 ± 2.9, 5452N-8645E, h0km, mb1.3/4/2, mb1mx3.2/24, mbtmp3.4/2, ML3.4/2, Error ellipse: s-maj=2.4km s-min=4.3km az=60.0

NNC 18 10:03:22.9 ± 2.3, 5400N-8659E, h0km, mb3.6, mpv3.1, Error ellipse: s-maj=17.9km s-min=14.6km az=62.0

ISC 18 10:02:42.0 ± 4.2, 0440N-0883E-02, h10km, n7, -0897/12, 8C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURB Kurchatov Arr, etc.

IDC 18 10:03:37.4 ± 1.8, 6297S-17077E, h0km, mb3.9/3, mb1.4/1/4, mb1mx4.1/10, mbtmp4.0/4, ML3.2/1, MS4.2/14, Ms1.4.2/14, mb1mx4.1/10, Error ellipse: s-maj=52.9km s-min=34.1km az=66.0, Ballyn Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VVDA Vanda, RPZ Rata Peaks, URZ Urewera, etc.

THE 18 14:22:09.9, 41.08N, 20.11E, h2km, ML4.6
CSEM 18 14:22:10.4, 0.1, 41.16N, 19.95E, h2km, mb4, 0.7, Ms2.8,
Error ellipse: s-maj=1.8km s-min=0.8km az=52.0
ISC 18 14:22:09.2, 0.3, 41.06N, 0.01E, 20.01E, 0.02, h4km, z2km, n277,
o129/345, mb3.8/11, 42C-28D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TIR, QSH, OHR, etc.

Table with columns: FGSL, Fruska Gora, 4.10 358 ePh, Pn. Lists stations like LIA, ITK, RDO, etc.

Table with columns: RETA, Reutte, 9.23 317 f/Pn, Pn. Lists stations like KHC, KAS, KASPER, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PKME Peaks-Kenny Pk, ADK Adak, MBWA Marble Bar, GUMO Guam, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ACSSO Alum Creek Sta, ACSSO Alum Creek Sta, DGMT Dagmar, JFWS Jewell Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ISCO Idaho Springs, HUMO Hull Mountain, DWPF Disney, SDDR Presa de Saban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BHW Baring Head, PAWZ Parauw Farm, MSWZ Moikau Station, etc.

IDC 18 15:25:29.0, 0.2686S, 17659W, h0km, mb4.2/0, mb1.4/1.1, mb1mx4.3/15, mbtmp4.2/11, ML4.7/2, MS4.0/4, Ms1.4/0.4, ms1mx3.5/24, Error ellipse: s-maj=24.6km s-min=20.3km az=134.0

NEIC 18 15:25:27.4, 0.2695S, 17655W, h10km, mb4.8/6, Error ellipse: s-maj=16.6km s-min=13.4km az=138.0

ISCJB 18 15:25:29.1, 0.6, 2706S, 0.09, 1766W, 0.1, h33km, mb4.3/13, MS4.2/2, Error ellipse: s-maj=14.3km s-min=11.2km az=42.3

ISC 18 15:25:31.0, 0.6, 2707S, 0.08, 1766W, 0.1, h35km, n37, s=126/31, mb4.3/13, MS4.2/2, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

ISCJB 18 15:35:04.8, 0.5, 1379S, 0.07, 1472E, 0.09, h10km, mb4.1/1.0, Error ellipse: s-maj=15.0km s-min=6.2km az=140.5

IDC 18 15:35:05.3, 0.7, 1377S, 14.70E, h0km, mb4.1/9, mb1.4/3.1, mb1mx4.1/26, mbtmp4.2/14, ML3.8/5, MS3.6/1, Ms1.3/6.1, ms1mx2.9/29, Error ellipse: s-maj=25.9km s-min=13.6km az=64.0

NEIC 18 15:35:06.0, 0.5, 1380S, 14.74E, h10km, mb4.2/4, Error ellipse: s-maj=15.0km s-min=7.5km az=55.0

ISC 18 15:35:06.7, 0.5, 1382S, 0.07, 1469E, 0.08, h10km, n25, s=698/29, mb4.1/10, Angola

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

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

IDC 18 15:56:11.6, 1.1, 6.1, 3, 181S, 17365W, h0km, mb4.2/6, mb1.4/3.7, mb1mx4.0/18, mbtmp4.2/7, ML1.9/1, Error ellipse: s-maj=46.2km s-min=19.2km az=135.0

NEIC 18 15:56:12.4, 0.7, 1868S, 17341W, h10km, mb4.5/1, Error ellipse: s-maj=22.7km s-min=12.2km az=144.0

ISCJB 18 15:56:15.2, 0.9, 180S, 0.1, 1737W, 0.2, h33km, mb4.2/7, Error ellipse: s-maj=31.7km s-min=6.7km az=35.7

ISC 18 15:56:17.4, 0.9, 181S, 0.1, 1737W, 0.2, h35km, n16, s=105/18, mb4.2/7, Tonga Islands region

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

ISK 18 16:00:10.9, 4041N, 2577E, h11km, MD2.7

ISCJB 18 16:00:12.1, 0.8, 4039N, 0.05, 259E, 0.1, h12km, 7km, Error ellipse: s-maj=13.2km s-min=7.4km az=12.8

CSEM 18 16:00:12.3, 0.1, 4036N, 260E, h8km, MD2.7, Error ellipse: s-maj=2.4km s-min=1.5km az=108.0

ATH 18 16:00:13.7, 41.59N, 2597E, h2km, MD3.2/3

ISC 18 16:00:12.4, 0.8, 4039N, 0.05, 259E, 0.1, h14km, 7km, n9, s=839/11, Aegean Sea

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

ISCJB 18 16:14:31.3, 0.6, 2292S, 0.05, 6615W, 0.09, h235km, 9km, mb4.3/8, Error ellipse: s-maj=14.1km s-min=6.8km az=4.6

IDC 18 16:14:31.4, 0.1, 2300S, 6616W, h226km, 13km, mb4.2/2, mb1.3/8.8, mb1mx3.5/20, mbtmp3.8/8, Error ellipse: s-maj=17.5km s-min=14.5km az=100.0

NEIC 18 16:14:32.1, 0.6, 2294S, 6619W, h234km, 8km, mb4.3/3, Error ellipse: s-maj=12.5km s-min=9.4km az=101.0

ISC 18 16:14:32.2, 0.6, 2290S, 0.06, 6615W, 0.09, h227km, 10km, n28, s=120/31, mb4.3/3, 2C-1D, Jujuy Province

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

CSEM 18 17:28:24.2, 0.1, 3696N, 3608E, h2km, MD3.2, Error ellipse: s-maj=1.9km s-min=1.4km az=13.0

ISCJB 18 17:28:25.4, 0.3, 3700N, 0.02, 3611E, 0.03, h10km, Error ellipse: s-maj=3.0km s-min=2.9km az=150.4

ISK 18 17:28:27.4, 3678N, 3608E, h0km, MD3.2

NSSC 18 17:28:27.4, 3678N, 3622E, h0km, 10km

ISC 18 17:28:25.6, 0.4, 3698N, 0.02, 3610E, 0.03, h1km, 5km, n36, s=4059/14, 2B, Jordan - Syria region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SYO Syowa Base, TOAO Torodi Arr, TORO Torodi Arr, etc.

NEIC 18 16:23:52.9, 59.75N, 13899W, h1km, ML3.5(PGC), After PGC

PGC 18 16:23:52.9, 1.4, 5975N, 13899W, h1km, ML3.5/2, 4D, 58km North-east of Yakutat, AK Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HYT Haines Junctio, HYT Haines Junctio, PLBC Pleasant Camp, etc.

IDC 18 16:36:57.3, 6.5, 3615N, 7075E, h170km, 62km, mb3.2/4, mb1.3/3.7, mb1mx3.0/25, mbtmp3.2/7, Error ellipse: s-maj=48.3km s-min=29.3km az=10.0

ISCJB 18 16:37:02.0, 5.0, 3661N, 0.03, 7045E, 0.09, h209km, 8km, mb3.1/3, Error ellipse: s-maj=11.5km s-min=5.5km az=5.5

NEIC 18 16:37:02.0, 6.0, 3660N, 7045E, h223km, 10km, mb4.4/10, Error ellipse: s-maj=15.2km s-min=9.9km az=88.0

NNC 18 16:37:05.9, 4.8, 3720N, 7037E, h0km, mb4.0, mpv3.9, Error ellipse: s-maj=38.8km s-min=37.4km az=74.0

ISC 18 16:37:03.0, 5.0, 3662N, 0.03, 7050E, 0.07, h197km, 8km, n36, s=691/43, mb3.1/3, 2C-2D, Hindu Kush region

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

ISC 18 16:00:10.9, 4041N, 2577E, h11km, MD2.7

ISCJB 18 16:00:12.1, 0.8, 4039N, 0.05, 259E, 0.1, h12km, 7km, Error ellipse: s-maj=13.2km s-min=7.4km az=12.8

CSEM 18 16:00:12.3, 0.1, 4036N, 260E, h8km, MD2.7, Error ellipse: s-maj=2.4km s-min=1.5km az=108.0

ATH 18 16:00:13.7, 41.59N, 2597E, h2km, MD3.2/3

ISC 18 16:00:12.4, 0.8, 4039N, 0.05, 259E, 0.1, h14km, 7km, n9, s=839/11, Aegean Sea

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

ISCJB 18 16:14:31.3, 0.6, 2292S, 0.05, 6615W, 0.09, h235km, 9km, mb4.3/8, Error ellipse: s-maj=14.1km s-min=6.8km az=4.6

IDC 18 16:14:31.4, 0.1, 2300S, 6616W, h226km, 13km, mb4.2/2, mb1.3/8.8, mb1mx3.5/20, mbtmp3.8/8, Error ellipse: s-maj=17.5km s-min=14.5km az=100.0

NEIC 18 16:14:32.1, 0.6, 2294S, 6619W, h234km, 8km, mb4.3/3, Error ellipse: s-maj=12.5km s-min=9.4km az=101.0

ISC 18 16:14:32.2, 0.6, 2290S, 0.06, 6615W, 0.09, h227km, 10km, n28, s=120/31, mb4.3/3, 2C-1D, Jujuy Province

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

CSEM 18 17:28:24.2, 0.1, 3696N, 3608E, h2km, MD3.2, Error ellipse: s-maj=1.9km s-min=1.4km az=13.0

ISCJB 18 17:28:25.4, 0.3, 3700N, 0.02, 3611E, 0.03, h10km, Error ellipse: s-maj=3.0km s-min=2.9km az=150.4

ISK 18 17:28:27.4, 3678N, 3608E, h0km, MD3.2

NSSC 18 17:28:27.4, 3678N, 3622E, h0km, 10km

ISC 18 17:28:25.6, 0.4, 3698N, 0.02, 3610E, 0.03, h1km, 5km, n36, s=4059/14, 2B, Jordan - Syria region

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

NOA NORSAR Array B 98.05 339 LR 20 08 29.9
TORO Torodi Ar, Bea 135.28 300 PKP 19 26 09.9 +1.4
DBIC Dimboko 144.19 300 PKP 19 26 23.0 -1.7
DBIC Dimboko 144.19 300 PKP 19 26 23.9 -0.7
LPAZ La Paz 148.10 101 PKP 19 26 36.4 +2.0

NIED 18 19:24:00, 31.80N:141.90E, h5km, Mw3.7 Best double
couple: M3.57000:1014 NP1.36169.00000: 8.1.00000:
1.47.00000: NP2.36169.00000: 8.50.00000: 8.1.00000:

JMA 18 19:24:49.3-0.5, 31.78N:141.95E, h0km, M3.5
ISCJB 18 19:24:50.2-1.7, 31.74N:005:141.9E-0.1, h10km, 1.3km,
mb3.7/9, Error ellipse: s-maj=17.4km s-min=7.3km

NEIC 18 19:24:52.7-3.8, 31.55N:141.37E, h0km, mb3.5/4,
m1 3.7/7, mb1mx3.5/22, mbtmp3.6/7, ML3-5/2, MS2.8/2,
M1 2.8/2, ms1mx2.5/24, Error ellipse: s-maj=140.6km
s-min=16.2km az=67.0

NEIC 18 19:24:54.6-2.6, 31.46N:141.20E, h10km, mb4.0/1, Error
ellipse: s-maj=101.0km s-min=14.2km az=75.0
ISC 18 19:24:51.2-2.2, 31.71N:005:141.8E-0.1, h3km, 1.5km, n22,
0.95R/32, mb3.7/5, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Mitsune, Hachijo jima, Boso, etc.

ISCJB 18 19:41:11.5-1.2, 8.30N:02-82.90W, h33km, mb4.1/5,
Error ellipse: s-maj=23.6km s-min=6.9km az=23.8
NEIC 18 19:41:15.4-2.4, 8.48N:82.78W, h33km, 1.9km, mb4.3/1,
Error ellipse: s-maj=51.4km s-min=10.5km az=200.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Barri, Bus, QCR, etc.

ISCJB 18 19:41:13.4-1.3, 8.30N:02-82.93W, h008, h35km, n24,
0.19124, mb4.1/5, 3C, Panama-Costa Rica border
region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like CMIG, LIO, GOGA, etc.

ISCJB 18 19:47:57.6-2.8, 35.1N:02-231E:02, h10km, Error ellipse:
s-maj=32.8km s-min=6.7km az=43.5
THE 18 19:48:00.7, 35.21N:232E: h32km, ML4.4
ATH 18 19:48:35.5, 35.71N:232E: h14km, 2km, MD2.8/4, ML2.6

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like KARN, GVD, LAST, etc.

ISCJB 18 19:59:25.0-0.7, 2.473N:005:122.74E:003, h100km,
mb3.7/6, Error ellipse: s-maj=6.5km s-min=3.4km
az=175.5
IDC 18 19:59:24.9-6.0, 2.471N:122.83E, h99km, 60km, mb3.5/6,
mb1 3.6/7, mb1mx3.4/20, mbtmp3.6/7, ML4.0/1, Error
ellipse: s-maj=46.8km s-min=20.6km az=65.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like RAO, RAOUL, etc.

NIED 18 19:59:00, 24.60N:122.80E, h80km, Mw3.8 Best double
couple: M5.12000:1014 NP1.36307.00000: 8.74.00000:
1.47.00000: NP2.36307.00000: 8.45.00000:

ISCJB 18 19:59:24.3-0.4, 2.473N:005:122.74E:003, h100km,
mb3.7/6, Error ellipse: s-maj=6.5km s-min=3.4km
az=175.5
IDC 18 19:59:24.9-6.0, 2.471N:122.83E, h99km, 60km, mb3.5/6,
mb1 3.6/7, mb1mx3.4/20, mbtmp3.6/7, ML4.0/1, Error
ellipse: s-maj=46.8km s-min=20.6km az=65.0

NEIC 18 19:59:25.0-0.7, 2.471N:122.73E, h100km, 7km,
MG3.9(JMA), Error ellipse: s-maj=11.7km s-min=10.9km
az=76.0
TAP 18 19:59:25.6, 24.56N:122.72E, h99km, ML4.7
JMA 18 19:59:26.0, 24.1, 24.64N:122.77E, h92km, 1km, M3.9
ISC 18 19:59:25.2-0.4, 2.466N:005:122.74E:003, h100km, n32,
0.95R/51, mb3.7/6, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Yonaguni jima, Iriomote-Funau, Hateruma jima, etc.

IDC 18 20:03:45.1-4.5, 756S:11916E, h232km, 41km, mb3.1/4,
mb1 3.1/7, mb1mx3.0/19, mbtmp3.0/7, Error ellipse:
s-maj=81.9km s-min=17.2km az=63.0, Flores Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Bati, Fitzy Crossi, Warramunga Arr, etc.

ISCJB 18 20:21:42.6-1.3, 34.31N:008:50.8E:02, h29km, 19km,
Error ellipse: s-maj=25.8km s-min=10.0km az=23.5
THR 18 20:21:44.0-1.3, 34.58N:50.77E, h15km, ML3.0, After THR
CSEM 18 20:21:44.0, 34.58N:50.77E, h15km, ML3.0, After THR
ISC 18 20:21:41.4-0.6, 34.48N:007:50.73E:009, h14km, 15km,
n10, 0.97R/10, Northern and central Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like GHVR, ASAO, STKA, etc.

ISCJB 18 20:26:05.7-1.7, 21.28S:006:176.57W:0.10, h65km, 16km,
mb4.4/19, Error ellipse: s-maj=16.9km s-min=7.4km
az=28.0
NEIC 18 20:26:06.6-1.4, 21.27S:176.40W, h65km, 13km, mb4.7/9,
Error ellipse: s-maj=15.2km s-min=8.9km az=28.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like RAO, Raoul Island, etc.

RAO 96n.0, 3s, baz=61, slow=23, SNR=3.8 S Sn 20 29 33.6 +1.9
AFI Afiamalu 8.64 33 P Pn 20 28 06.5 -4.6
AFI 1.4nm, 0.3s, baz=125, slow=7.8, SNR=2.5 S Sn 20 29 47.0 0.0

URZ Urewera 17.77 197 P 6.9nm, 0.3s, baz=3.2, slow=2.7, SNR=26 S 20 30 11.0 0.0
RPZ 2.1nm, 0.3s, baz=200, slow=21, SNR=8.8 Pn 20 33 18.4 -1.1
Rata Peaks 24.62 20 P 21nm, 0.6s, mb4.8, baz=284, slow=2.0, SNR=16 P 20 31 22.2 +0.4

CTA Charters Tower 34.77 265 P 10nm, 0.7s, mb4.8, baz=97, slow=10, SNR=15 P 20 32 54.6 +2.6
CTA Charters Tower 34.77 265 P 20 32 53.5 +1.5
STKA Charters Creek 36.64 245 P 20 32 54.6 +2.6
Stevens Creek 36.64 245 P 20 32 54.6 +2.6

STKA Stephens Creek 36.68 245 P 3.5nm, 0.5s, mb4.5, baz=101, slow=11, SNR=15 P 20 33 25.9 +0.8
ASAR 3.2nm, 0.8s, baz=20, slow=15, SNR=33 P 20 35 35.1 -0.6
ASAR 8.9nm, 0.6s, mb4.7, baz=97, slow=8.2, SNR=142 P 20 35 58.0 -1.1

WB2 Warramunga Arr 45.83 262 P 20 34 23.7 +0.3
WB2 Warramunga Arr 45.83 262 P 20 34 23.6 +0.2
WRAB Tennant Creek 45.83 262 P 20 34 23.7 +0.3
WRA Warramunga Arr 45.84 262 P 2.7nm, 0.3s, mb4.4, baz=96, slow=7.7, SNR=29 P 20 34 23.8 +0.3

KAKA Kakadu 49.35 271 eP 0.5nm, 0.5s, baz=102, slow=2.7, SNR=2.5 P 20 34 50.7 0.0
FORT 6.0nm, 0.4s, mb4.9 50.23 247 eP 20 34 56.6 -0.6
FITZ Fitzroy Crossi 54.27 263 eP 4.3nm, 0.9s, mb4.5 54.27 263 eP 20 35 26.9 +0.4

VNDA 0.7nm, 0.8s, mb3.8, baz=345, slow=7.2, SNR=7.0 P 20 35 48.5 -0.7
KLBRR Kellberrin 58.95 245 eP 15nm, 0.7s, mb5.1 58.95 245 eP 20 35 58.4 -2.0
MBWA Warramunga Arr 59.01 258 eP 20 36 00.4 -0.5

NWAO Narroona (SRO) 59.23 244 eP 20 36 00.9 -1.4
MUN Mundaring 60.21 245 eP 20 36 02.9 +0.2
CASY Casey 63.83 206 eP 20 36 32.0 -0.6
GSPA South Pole Qui 68.78 180 eP 6.8nm, 0.9s, mb4.5 68.78 180 eP 20 37 03.8 -0.3

MJAR Wandashiro Arr 71.66 323 P 1.1nm, 0.6s, mb3.9, baz=162, slow=5.6, SNR=6.2 P 20 37 21.5 -0.7
PETK Petrovskiy 77.39 344 P 3.6nm, 0.6s, mb4.2, baz=110, slow=11, SNR=2.8 P 20 37 55.0 0.0
KSRS Wandashiro Arr 78.38 318 P 0.9nm, 0.5s, mb3.5, baz=134, slow=7.3, SNR=5.0 P 20 38 02.1 +1.1

YBH Yreka Blue Hor 80.07 38 P 1.3nm, 0.4s, mb4.1, baz=354, slow=0.3, SNR=4.2 P 20 38 09.9 -0.1
NVAR Mina Arr Bay 80.68 43 P 20 38 12.8 -0.6
MAW Mawson 81.28 199 eP 3.1nm, 0.6s, mb4.3 81.28 199 eP 20 38 15.5 -0.7

MAW Mawson 81.28 199 P 5.4nm, 0.2s, mb4.5, baz=131, slow=11, SNR=12 P 20 38 15.0 -1.1
TXAR Wandashiro Arr 86.35 57 P 1.4nm, 1.0s, mb3.8, baz=107, slow=7.7, SNR=8.1 P 20 38 43.1 +0.5
IMA2 Indian Mountain 88.80 9 eP 20 38 54.0 +0.5

DAWY Dawson 89.86 15 eP 20 38 59.2 +0.7
EGAK 90.03 14 eP 1.8nm, 0.3s, mb4.7 90.03 14 eP 20 38 59.9 +0.6
BVAR Borovoye Arr 120.56 320 PKP 0.9nm, 0.4s, baz=140, slow=1.7, SNR=11 P 20 44 52.2 -2.6

SPITS Spitsbergen Arr 122.73 357 PKP 0.5nm, 0.5s, mb3.4, baz=12, slow=4.3, SNR=6.9 P 20 44 52.2 -2.6
SPITS Spitsbergen Arr 122.73 357 PKP 20 45 00.7 -1.7
ARCS ARCESS Array B 129.94 350 PKP 1.3nm, 0.7s, baz=23, slow=1.5, SNR=13 P 20 45 02.9 -1.2

FINES FINES Array B 136.91 344 PKP 0.4nm, 0.4s, baz=102, slow=1.2, SNR=6.4 P 20 45 19.8
HFS Hagens 140.52 352 PKHP 0.5nm, 0.3s, baz=91, slow=7.6, SNR=8.4 P 20 45 27.4 -1.3

MALM Malatya 145.49 307 PKP 5.3nm, 0.4s, baz=43, slow=4.3, SNR=37 P 20 45 37.7 -0.5
MALF Malatya 145.49 307 PKP 20 45 37.7 -0.5
KWP Kizilirmak 148.48 336 PKP 4.3nm, 0.7s, baz=263, slow=0.4, SNR=11 P 20 45 44.7 -0.1

BURAR Bucovina Arr 148.41 331 PKP 4.3nm, 0.7s, baz=263, slow=0.4, SNR=11 P 20 45 47.8 +1.5
BURAR Bucovina Arr 148.41 331 PKP 20 45 47.8 +1.5
STCS Stebnicka Huta 148.58 337 PKP 20 45 44.0 +1.0

KOLS Kolonicne sedl 148.60 336 PKP 20 45 45.2 +2.2
ANTO Ankara 148.89 313 PKP 20 45 47.4 -0.4
ANTO Ankara 148.89 313 PKP 20 45 47.4 -0.4
TIRR Tigrisur 149.03 324 PKP 20 45 47.3 -0.7
TIRR Tigrisur 149.03 324 PKP 20 45 47.3 -0.7

CLL comp=2.5, 0nm, 0.8s i PKHP 20 45 47.1 -0.9
CLL Collm 149.13 348 PKP 20 45 52.0 -0.5
CLL Collm 149.13 348 PKP 20 45 47.1 -0.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VACH, VACH, VACH, Las Campanas, LSCH, LSCH, Tololo Astrono, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCHQ, DAVOX, JMJC, GERES, KEST, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WEL, KIW, WAZ, TRW, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RKT, TBI, GSPA, QSPA, etc.

Table with columns: PUK, PUK, PUK, FNA, FNA, FNA, BCI, SKO, SKO, SKO, STIP, VAY, VAY, VAY. Includes station names like Florida, Bajram Curri, and Skopje with associated codes and values.

IDC 19 04:19:37.3:0.6, 1451N:14691E, h0km, mb4.3/18, mb1 4.4/19, mb1mx4.3/24, mbtmp4.3/19, ML3.7/1, MS4.0/7, MS1 4.0/7, ms1mx3.6/28, Error ellipse: s-maj=19.3km s-min=13.2km az=91.0, BUJ 19 04:19:41.3, 1461N:14683E, h26km, mb4.8, mb4.6, MS4.4, MS4.4, MSz4.1, ISCJB 19 04:19:42.3:0.2, 1444N:005:14666E:003, h36km, mb4.6/62, MS4.1/22, Error ellipse: s-maj=7.1km s-min=4.1km az=11.5, NEIC 19 04:19:43.1:0.3, 1444N:14676E, h35km, mb4.8/21, Error ellipse: s-maj=7.7km s-min=6.3km az=117.0, MOS 19 04:19:43.6:1.1, 1448N:14665E, h53km, mb4.7/20, MS4.0/5, Error ellipse: s-maj=12.6km s-min=7.8km az=101.5, ISC 19 04:19:44.1:0.2, 1445N:005:14671E:003, h38km, h38km, 1.6km, pP, n269, o977/267, mb4.6/62, MS4.1/22, 78C-73D, Mariana Islands

Main table for the left column containing station codes (GUMO, KMI, MAJ, etc.), station names (Guam, Kunigami, Matushiro, etc.), and various numerical data points.

Main table for the middle column containing station codes (GYA, HHC, BTO, etc.), station names (Guiyang, Alice Springs, Baotou, etc.), and various numerical data points.

Main table for the right column containing station codes (NVS, KURK, SML, etc.), station names (Kurchatov, Sawmill, College, etc.), and various numerical data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guiyang, Chengdu, Urumqi, Inuik, INK, DAWY, NJ2, EGAK, HHC, MCK, KDAK, SONM, SONM.

NIED 19 06:27:00.3870N:14050E, h116km, Mw4.5 Best double couple: M6.52000:1015 NP1:291.00000: 847.00000, 170.00000: NP2:139.00000: 847.00000: 1.10.00000. SZGRF 19 06:27:37.8, 3881N:14263E, h33km, mb4.7, Near east coast of eastern Honshu, Japan

MOS 19 06:27:49.8-0.8, 3901N:14032E, h112km, mb4.6/48, Error ellipse: s-maj=9.4km s-min=5.5km az=86.0 BJI 19 06:27:50.3, 3894N:14033E, h139km, mb4.7, mb4.6 NEIC 19 06:27:50.9, 0.2, 3880N:14033E, mb4.5/58, MW4.5(NIED), Error ellipse: s-maj=5.7km s-min=3.5km az=160.0

NEIC Recorded [1 JMA] in Akita, Iwate and Miyagi Prefectures. ISCJB 19 06:27:50.1-0.1, 3890N:003:14034E, 0.03, h117km, mb4.5/97, Error ellipse: s-maj=4.4km s-min=2.7km az=151.8

IDC 19 06:27:50.3, 0.5, 3871N:14036E, h118km, 3km, mb4.1/21, mb1.4, 2/27, mb1mx4.2/31, mb1mp4.1/27, MS3.1/2, MS1.3.1/2, ms1mx2.7/22, Error ellipse: s-maj=11.5km s-min=9.8km az=125.0

JMA 19 06:27:50.2, 0.1, 3873N:14052E, h117km, 1km, M4.4 Broadband fault plane solution: P waves: NP1: 275.00000: 843.00000: 128.00000: NP2: 164.00000: 871.00000: 129.00000: Principal axes: T P148.00000: Azm116.00000: N P137.00000: Azm329.00000: P P117.00000: Azm226.00000:

JMA Felt J1. ISC 19 06:27:51.5-0.1, 3883N:003:14032E:0.03, h119km, h119km, 1.3km, pP-P, n508, 6572/521, mb4.5/97, 87C-89D, Eastern Honshu

Main station data table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

Main station data table (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

Main station data table (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

004C	Chester	82.58	50	↑P	P	07 15 59.1	-0.2
J06A	Christmas Vall	82.63	47	↓P	P	07 15 59.3	-0.1
D08A	Wolfin Farm,	82.63	43	↓P	P	07 15 59.2	-0.2
K06A	Valley Falls	82.65	48	↓P	P	07 15 59.4	-0.3
E08A	Dider Farm, El	82.67	44	↑P	P	07 15 59.7	+0.1
H07A	Lands Inn, Kim	82.75	46	↑P	P	07 15 59.8	-0.2
MOD	Modoc	82.81	49	↓P	P	07 16 00.5	+0.1
MOD	Modoc	82.81	49	eP	P	07 16 00.9	+0.4
B09A	Rice	82.83	42	P	P	07 16 00.6	+0.2
M06C	Likely Place G	82.84	49	↓P	P	07 16 00.7	+0.1
C09A	Chrisman Ranch	82.89	43	↑P	P	07 16 00.2	-0.6
I07A	Izee	82.90	46	↓P	P	07 16 01.0	+0.1
S04C	Ingram Canyon,	83.00	53	↑P	P	07 16 01.2	-0.3
G08A	Pilot Rock	83.01	45	↑P	P	07 16 01.3	-0.1
F08A	Pendleton	83.02	45	↓P	P	07 16 01.3	-0.1
D09A	Jones Farm, Ri	83.04	43	P	P	07 16 01.4	-0.1
HAST	Hastings Reser	83.07	54	↓P	P	07 16 01.9	0.0
A10A	Northport	83.08	41	↑P	P	07 16 01.7	0.0
PACF	Pacheco Peak	83.14	54	↑P	P	07 16 02.0	-0.3
P05C	Yuba Gap, Truc	83.16	51	↓P	P	07 16 02.7	+0.4
LAVA	Lava Cap Winer	83.18	52	↓P	P	07 16 02.1	-0.3
J07A	Hines	83.20	47	↓P	P	07 16 02.3	-0.1
BEKR	Beckworth	83.22	51	↓P	P	07 16 02.0	-0.6
E09A	Wood Farm, Sta	83.28	44	↑P	P	07 16 02.5	-0.0
H08A	Prairie City	83.39	46	↑P	P	07 16 03.1	-0.2
V03C	Hunter Liggett	83.40	55	↑P	P	07 16 03.3	-0.3
K07A	Rock Creek Ran	83.40	48	↓P	P	07 16 03.2	-0.3
N06A	Buffalo Meadow	83.41	50	↓P	P	07 16 03.2	-0.4
RES	Resolute Bay	83.44	14	eP	P	07 16 02.4	+0.7
RES	Resolute Bay	83.44	14	eP	P	07 16 02.4	-0.6
L07A	Adell	83.49	48	↓P	P	07 16 03.9	-0.1
NEW	Newport	83.53	42	eP	P	07 16 04.0	0.0
NEW	Newport	83.53	42	eP	P	07 16 04.0	0.0
O06A	Flanigan	83.55	50	↑P	P	07 16 04.0	-0.3
I08A	Drewsey	83.60	46	↑P	P	07 16 04.3	-0.1
CMB	Columbia Colle	83.61	53	eP	P	07 16 02.6	-2.1
CMB	Columbia Colle	83.61	53	eP	P	07 16 04.7	0.0
CMB	Columbia Colle	83.61	53	eP	P	07 16 02.6	-2.1
SPB4	Spitsbergen Ar	83.61	351	eP	P	07 16 02.1	-1.8
T05C	Eagle Field, D	83.65	54	↑P	P	07 16 04.9	0.0
U04C	Hernandez Rese	83.68	54	↑P	P	07 16 05.4	+0.4
R05C	Kirkwood Meado	83.70	52	↑P	P	07 16 05.5	+0.4
KBS	Kingsbay	83.72	352	eP	P	07 16 03.6	-0.9
KBS	Kingsbay	83.72	352	eP	P	07 16 06.0	+1.5
D10A	Wagner Farm, O	83.73	43	↓P	P	07 16 05.2	+0.1
M07A	Soldier Meadow	83.75	49	↓P	P	07 16 05.4	0.0
V04C	Ramage Ranch,	83.78	55	↓P	P	07 16 05.9	+0.4
J08A	Circle Bar Ran	83.80	47	P	P	07 16 05.7	+0.2
WCN	Washoe City	83.80	51	↑P	P	07 16 05.7	0.0
S05C	Merced	83.81	53	↑P	P	07 16 04.7	-1.0
A11A	Hall Mountain,	83.85	41	↓P	P	07 16 05.9	+0.2
WVOR	Wild Horse Val	83.90	48	eP	P	07 16 06.0	0.0
WVOR	Wild Horse Val	83.90	48	eP	P	07 16 18.6	-0.3
WVOR	Wild Horse Val	83.90	48	eP	P	07 16 06.0	-0.1
WVOR	Wild Horse Val	83.90	48	eP	P	07 16 18.6	-0.3
WVOR	Wild Horse Val	83.90	48	eP	P	07 16 05.8	-0.7
PKD	Parkfield	83.97	55	↓P	P	07 16 06.4	+0.1
B11A	Sandpoint	83.98	42	↓P	P	07 16 06.6	+0.3
E10A	Myers Farm, Un	83.98	44	P	P	07 16 06.6	+0.3
PAHR	Pah Rah Range	83.99	51	eP	P	07 16 07.1	+0.5
F10A	Beach Ranch, E	84.03	44	↑P	P	07 16 06.3	-0.3
S06C	San Francisco	84.06	53	↑P	P	07 16 06.3	-0.7
I09A	Lost Marbles R	84.16	46	↓P	P	07 16 07.2	-0.2
L08A	Fields	84.17	48	↓P	P	07 16 07.2	-0.2
U05C	Westside ANR,	84.21	54	↑P	P	07 16 07.5	-0.2
R06C	Coleville	84.22	52	↓P	P	07 16 07.4	-0.3
BMO	Blue Mountains	84.25	45	eP	P	07 16 07.6	-0.2
O07A	Toulon	84.26	50	↓P	P	07 16 07.6	-0.3
G10A	Bishop Farm, J	84.27	45	P	P	07 16 07.8	0.0
PTRM	Twisselman Ran	84.29	55	eP	P	07 16 08.4	+0.2
A12A	Yaak River Ran	84.31	41	↑P	P	07 16 08.1	+0.1
J09A	Fry Pan Ranch,	84.31	47	↓P	P	07 16 07.8	-0.3
M08A	Happy Creek Ra	84.32	49	↑P	P	07 16 08.3	+0.1
D11A	Klaveano Farm,	84.35	43	P	P	07 16 07.9	-0.3
T06C	Millerton Lake	84.37	53	↑P	P	07 16 07.8	-0.7
B12A	Libby	84.47	41	↑P	P	07 16 08.6	-0.2
K09A	Rome	84.49	47	↑P	P	07 16 08.3	-0.7
EDM	Edmonton	84.54	37	eP	P	07 16 09.0	0.0
SMMC	Simmler	84.54	55	↑P	P	07 16 08.7	-0.7
KCC	Kaiser Creek	84.60	53	P	P	07 16 09.8	+0.1
E11A	Bogner Ranch,	84.61	44	P	P	07 16 09.2	-0.4
R07C	Lee Vining	84.63	52	↑P	P	07 16 09.5	-0.3
N08A	GE Springer M	84.66	49	↓P	P	07 16 09.7	-0.2
L09A	Wilkinson Ranc	84.70	48	↓P	P	07 16 09.8	-0.3
H10A	Noah's Angus R	84.70	45	P	P	07 16 09.7	-0.4
F11A	Grangeville	84.77	44	↓P	P	07 16 09.8	-0.6

baz=85	Peak Mountain	84.78	55	↑P	P	07 16 10.2	-0.5
G11A	Walters Elk Ra	84.82	45	↓P	P	07 16 10.0	-0.6
RCTC	Reactor, Farmer	84.84	54	↓P	P	07 16 10.9	-0.4
HELL	Mitchell Peak	84.98	54	P	P	07 16 11.3	-0.4
D12A	Red Ives Fores	85.00	43	↑P	P	07 16 11.2	-0.3
M09A	Marrel Ranch,	85.00	49	↑P	P	07 16 12.0	+0.4
K10A	Maxenzie Ranc	85.08	47	P	P	07 16 12.2	+0.3
N09A	Rock Creek Ra	85.09	49	↑P	P	07 16 12.3	+0.2
A13A	Flathead Natio	85.09	41	↑P	P	07 16 12.0	+0.1
TMCR	Tamitsa	85.10	335	eP	P	07 16 09.8	-1.9
TMCR	Tamitsa	85.11	52	eP	P	07 16 12.6	+0.3
NVAR	Mina Array Bea	85.11	52	P	P	07 16 12.6	+0.3
NVAR	Mina Array Bea	85.11	52	P	P	07 16 12.6	+0.3
MTUM	Tungsten Hills	85.18	53	eP	P	07 16 13.1	+0.4
H11A	Donnelly	85.18	45	eP	P	07 16 12.1	-0.4
B13A	Whitefish	85.22	41	P	P	07 16 13.0	+0.4
Q08A	Gabbs	85.29	51	↓P	P	07 16 13.1	0.0
C13A	Hot Springs	85.34	42	P	P	07 16 13.2	0.0
WALA	Waterton Lakes	85.38	41	eP	P	07 16 13.4	+0.1
APA	Apacity	85.40	339	↑P	P	07 16 12.8	-0.3
APA	Apacity	85.41	339	↑P	P	07 16 24.4	-1.6
APA	Apacity	85.41	339	↑P	P	07 16 24.4	-1.6
APA	Apacity	85.41	339	↑P	P	07 16 24.4	-1.6
APA	Apacity	85.41	339	↑P	P	07 16 24.4	-1.6
F12A	Elk City	85.41	44	↓P	P	07 16 13.9	+0.3
I11A	Placerville	85.42	46	P	P	07 16 14.0	+0.3
S08C	White Mtn Res	85.44	53	↓P	P	07 16 14.1	+0.1
O09A	Fish Creek Ran	85.51	50	↓P	P	07 16 14.2	0.0
ARVC	Arvin	85.52	55	↑P	P	07 16 14.0	-0.4
L10A	Juniper Basin	85.54	48	↓P	P	07 16 13.7	-0.7
D13A	Huson	85.58	43	P	P	07 16 13.9	-0.5
MFID	Camas Ranch	85.65	46	↑P	P	07 16 14.5	-0.3
K11A	Parker Ranch,	85.67	47	↑P	P	07 16 14.3	-0.7
CWC	Cottonwood Cre	85.78	54	↑P	P	07 16 14.9	-0.7
C14A	Swan Lake	85.85	42	↑P	P	07 16 15.8	+0.1
Q09A	Carvers	85.86	51	↑P	P	07 16 15.4	-0.5
E13A	Victor	85.94	43	↑P	P	07 16 15.5	-0.7
MSO	Missoula	85.99	43	↑P	P	07 16 19.0	+2.5
O10A	Cortez Mining,	85.99	50	↑P	P	07 16 15.9	-0.7
H12A	Diamond D Ranc	86.02	45	P	P	07 16 16.6	0.0
F13A	Darby	86.03	44	P	P	07 16 16.2	-0.5
L11A	Cat Creek Ranc	86.03	48	↓P	P	07 16 16.7	-0.1
R09A	Tonopah	86.10	52	↓P	P	07 16 17.0	-0.2
S09A	Goldfield	86.11	52	↑P	P	07 16 17.2	0.0
P10A	Eureka	86.19	50	↓P	P	07 16 17.1	-0.5
D14A	Greenough	86.20	42	↑P	P	07 16 16.9	-0.6
J12A	Stokes Ranch,	86.20	46	↓P	P	07 16 16.9	-0.7
M11A	Holland Ranch,	86.21	48	↓P	P	07 16 17.4	-0.2
EDW2	Edwards Air Fo	86.24	55	↓P	P	07 16 17.9	-0.1
CIS	Catalina Islan	86.28	57	↓P	P	07 16 17.4	-0.8
G13A	Cobal	86.29	44	↑P	P	07 16 17.4	-0.6
LRMC	Laurel Mountai	86.33	54	↑P	P	07 16 17.7	-0.7
MPMC	Manual Prospec	86.34	54	P	P	07 16 18.5	+0.1
KEV	Kevo	86.36	342	eP	P	07 16 16.6	-1.2
KEV	Kevo	86.36	342	eP	P	07 16 16.6	-1.2
MWC	Mount Wilson	86.36	56	eP	P	07 16 19.2	+0.7
MWC	Mount Wilson	86.36	56	eP	P	07 16 19.2	+0.7
MWC	Mount Wilson	86.36	56	eP	P	07 16 19.2	+0.7
MWC	Mount Wilson	86.36	56	eP	P	07 16 19.2	+0.7
MWC	Mount Wilson	86.36	56	eP	P	07 16 19.2	+0.7
E14A	Clinton	86.41	43	↑P	P	07 16 17.8	-0.7
N11A	Elko Archery C	86.41	49	↑P	P	07 16 18.3	-0.3
CHMT	Chamberlain Mo	86.42	43	eP	P	07 16 18.4	-0.1
H13A	Challis	86.42	45	P	P	07 16 18.9	+0.3
K12A	Draper Farm, C	86.51	47	↓P	P	07 16 18.8	-0.3
S10A	Tonopah Range,	86.54	52	↑P	P	07 16 19.1	-0.3
L12A	House Creek Ra	86.57	47	↑P	P	07 16 19.3	-0.1
HLID	Halley	86.60	46	eP	P	07 16 19.8	+0.2
HLID	Halley	86.60	46	eP	P	07 16 19.7	+0.2
O11A	Cowboy Ranch,	86.66	50	↑P	P	07 16 19.8	0.0
R10A	Warm Springs	86.67	51	↓P	P	07 16 20.6	+0.7
I13A	Wildhorse Cree	86.70	46	↑P	P	07 16 20.1	+0.1
FURC	Furnace Creek,	86.72	53	P	P	07 16 20.5	+0.2
P11A	Circle Ranch,	86.74	50	↓P	P	07 16 19.8	-0.5
G14A	Jackson	86.77	44	↓P	P	07 16 20.3	0.0
ELK	Elko	86.79	49	eP	P	07 16 20.8	+0.3
ELK	Elko	86.79	49	eP	P	07 16 20.8	+0.3
J13A	Cove Ranch, Pi	86.81	46	↑P	P	07 16 20.9	+0.4
M12A	Wells	86.84	48	↑P	P	07 16 20.7	0.0
D15A	Lincoln	86.86	42	↑P	P	07 16 20.7	0.0
N12A	Clover Valley,	86.91	49	↓P	P	07 16 21.4	+0.3
ARCES	ARCESS Array B	86.92	342	P	P	07 16 19.9	-0.6
ARCES	ARCESS Array B	86.92	342	P	P	07 16 31.6	-1.9
ARCES	ARCESS Array B	86.92	342	P	P		

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SNOW, S14A, LOHW, GLA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SBA, SBA, Y18A, MVCO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BATI, WB2, WRA, FITZ, etc.

NEIC 19 07:39:11.0, 3849N; 112217W, h1km, ML2.5(SLC), After SLC.

ISCJB 19 07:39:12.0, 2, 3850N; 001:11217W, 002, h10km, Error ellipse: s-maj=2.1km s-min=1.6km az=102.

ISC 19 07:39:12.0, 0.2, 3849N; 001:11216W, 002, h10km, n55, +1803/103, 38C-29D, Utah

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like R15A, Q15A, Q15A, etc.

ISCJB 19 07:04:24.6, 0.5, 3919N; 003:2146E, 003, h10km, Error ellipse: s-maj=4.0km s-min=3.8km az=20.0

THE 19 07:04:24.6, 3917N; 2146E, h2km, ML2.9 NEIC 19 07:04:25.1, 3920N; 2150E, h2km, MD3.2(ATH), After ATH.

ATH 19 07:04:25.1, 3920N; 2150E, h2km, MD3.2/7 CSEIM 19 07:04:25.1, 0.1, 3918N; 2148E, h2km, MD3.2, Error ellipse: s-maj=1.8km s-min=1.6km az=35.0

ISC 19 07:04:25.0, 0.5, 3917N; 003:2146E, 004, h3km, 8km, n13, +872/21, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EVR, EVR, THL, etc.

19D 10h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ouri, Khabarovsk, Magadan, Matsushiro Arr, Yakutsk, Korea Array, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Malin Array Be, Malin Array Si, ASAR, GNI, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Honiara, Charters Tower, Fitzroy Crossi, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BM3, EGAK, EGAK, ILI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, STKA, WRA, FITZ, FINES, NOAS, MAN.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CEP, THW, UCH, KZA, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WB2, STKA, STKA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, URZ, ASAR, WRA, PLCA, FINES.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SZGRF, ROM, CSEM, ISCB, NEIC, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WB2, STKA, STKA, etc.

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

19d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NOA NORSAR Array B, WEL 19:15:31.44.3.0.7, 3604S-17953E, h33km, ML3.6/7, Error ellipse: s-maj=7.4km x-min=3.4km az=90.0, Off east coast of North Island.

IDC 19:15:53:04.2.0.8, 1244N-12395E, h0km, mb4.0/1.0, mb1.4.2/1.1, mb1mx4.0/2.2, mbtmp4.1/1.1, ML3.8/1.1, MS3.6/16, Ms1.3.6/16, ms1mx3.5/3.3, Error ellipse: s-maj=55.2km x-min=13.8km az=75.0

MAN 19:15:53:04.1250N, 12361E, h7km, mb5.0, ML4.0, MS4.1

ISCJB 19:15:53:05.4.0.6, 1249N, 002z, 12360E, h13km, 4km, mb4.2/2.0, MS3.6/16, Error ellipse: s-maj=5.0km x-min=3.7km az=156.6

MOS 19:15:53:07.3.1.2, 1239N, 12406E, h33km, mb4.2/4, Error ellipse: s-maj=84.7km x-min=15.5km az=107.0

BUJ 19:15:53:13.4, 1230N, 12370E, h100km, mb4.7, mb4.2

NEIC 19:15:53:16.5.0.6, 1231N, 12373E, h100km, mb4.5/4, Error ellipse: s-maj=23.6km x-min=10.2km az=75.0

NEIC Felt (JI PIVS) at Masbate, DJA 19:15:53:44, 1020N, 12322E, h141km, mb5.2/9

ISC 19:15:53:05.9.0.6, 1249N, 002z, 12362E, h9km, 4km, n77, s=109/75, mb4.2/2.0, MS3.6/16, 9C-4D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMHP Masbate, CNP Catarman, PVP Virac, RCP Roxas, KALP Kalibo, OTRP Odiongan, OCLP Ormoc, GUP Guinayangan, PLP Palo, BESP Borongan, GUMI Lupu-Lapu, SJMP San Jose, MSLP Maasin, POLP Polillo Island, TBP Tagbilaran, LBPH Los Banos, CUYO Cuyo Island, TNGY Tagaytay City, SNPH Sibulan, CORP Coron, LUBP Lubang, BALP Baler, NBP Mount Natib, PCPH Palayan, BUTP Butuan, CAGP Cagayan de Oro, ENPP El Nido, PAGP Pagadian, PALP Palanan, CAUP Cauayan, BUKP BUKP, BCPH Baguio City Da, APYP Conner, ABRA Dolores, BATA Batara, KUNJ Kungami, KSM Kuching, KAP Kappang, GUMI Guam, JUNU Nakatsue, BATI Baunata, BATI Baunata, KSRK Korea Array, KSRK Korea Array, KSRK Korea Array, XAN Xi'an, PSI Prapat, KAKA Kakadu, MJAR Matsushiro Arr, LZH Lanzhou, LZH Lanzhou, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, GTA Goatai, GTA Goatai, GTA Goatai, STKA Stephens Creek, STKA Stephens Creek, MKAR Makanchi Array

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, PETK Petrolia, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZAL Zalesovo, UCH Uchter, KURK Kuratov, BVAR Borovoye Array, TIXI Tiksi, TIXI Tiksi, AFI Afiamalu, UMR Umr, MIB Mib, MIB Mib, NAY Al-Naeim, ARCES ARCES Array, FINES FINES Array B, INK Inuvik, PEPETE Papeete, GERES GERES Array B, YBH Yrakha

ISCJB 19:16:24.3.0.9, 3826N, 004.2069E, h0km, 8km, Error ellipse: s-maj=8.8km x-min=5.7km az=156.8

ATH 19:16:24.7, 3832N, 2056E, h5km, MD3.5/6

THE 19:16:24.9, 3825N, 2059E, h1km, MD2.9

NEIC 19:16:24.7, 3832N, 2056E, h5km, MD3.5(ATH), After

CSEM 19:16:25.1.0.2, 3825N, 2064E, h12km, MD3.5, Error ellipse: s-maj=5.9km x-min=3.8km az=87.0

ISC 19:16:25.0.0.9, 3825N, 004.2062E, h0km, 8km, n10, s=094/16, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLS Vaisamata, KFL Anninata, LKD Levkas, LKD Levkas, EVR Evrytania, IGT Igoumenitsa, ITM Ithomi, AGG Agios Georgios, KEK Kerkira, THL Klokotos Trika, VLI Vliotaki

IDC 19:16:23:52.0.0.9, 1025N, 125.11E, h0km, mb3.9/8, mb1.4.1/8, mb1mx3.9/2.0, mbtmp3.9/8, MS3.3/8, Ms1.3.3/8, ms1mx3.1/2.4, Error ellipse: s-maj=54.2km x-min=15.7km

ISCJB 19:16:23:54.9.0.6, 1026N, 003.12507E, h0km, 5km, mb4.0/1.1, MS3.2/6, Error ellipse: s-maj=9.2km x-min=4.7km az=159.4

MAN 19:16:23:54, 1031N, 12497E, h2km, mb4.8, ML3.7, MS3.7

NEIC 19:16:23:56.8.1.0, 1043N, 12544E, h35km, mb4.4/3, Error ellipse: s-maj=94.4km x-min=13.1km az=69.0

ISC 19:16:23:54.2.0.7, 1026N, 003.12510E, h8km, 5km, n42, s=126/43, mb4.0/1.1, MS3.2/6, 3C-1D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, SCPH Surigao, PLP Palo, OCLP Ormoc, LLLP Lapu-Lapu, BUTP Butuan, CGP Cagayan de Oro, SNPH Sibulan, CNP Catarman, BUKP Musuan, RCP Roxas, PAGP Pagadian, KALP Kalibo, PVP Virac, MATI Matina, OTRP Odiongan, CUYO Cuyo Island, SJMP San Jose, BUSP Coron, ENPP El Nido, CAUP Cauayan, APYP Conner, JOW Kungami, GUMI Guam, BATI Baunata, JUNU Nakatsue, KAKA Kakadu, KSRK Korea Array, KSRK Korea Array, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, SHL Shilling, SONM Songino Array, STKA Stephens Creek, PETK Petrolia, MKAR Makanchi Array, ZALV Zalesovo Beam, VANDA Vanda

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NOA NORSAR Array B 92.26 334 LR LR 17 20 59.8 comp=2.39nm, 21.7s, MS3.8, baz=20, slow=37

IDC 19:16:26:47.0.1.8, 699S, 15547E, h0km, mb3.9/7, mb1.4.0/7, mb1mx3.8/1.5, mbtmp3.9/7, Error ellipse: s-maj=70.2km x-min=21.4km az=115.0

NEIC 19:16:26:48.6.1.4, 699S, 15549E, h10km, Error ellipse: s-maj=48.4km x-min=16.6km az=116.0

ISCJB 19:16:26:50.1.1.4, 705.02, 1556E, h33km, mb3.8/7, Error ellipse: s-maj=52.8km x-min=15.6km az=28.8

ISC 19:16:26:52.4.1.5, 705.02, 1555E, h0km, h35km, n9, s=087/19, mb3.8/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, PETK Petropavlovsk, SONM Songino Array, MKAR Makanchi Array, INK Inuvik

MAN 19:16:27:47, 1023N, 12506E, h30km, mb4.3, ML3.1, MS2.9, 1D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, MSLP Maasin, SCPH Surigao, SCPH Surigao, OCLP Ormoc, PLP Palo, CNP Catarman, BUKP Musuan, BUKP Musuan

CSEM 19:16:28:01.4.0.1, 3850N, 2908E, h5km, MD2.8, Error ellipse: s-maj=6.1km x-min=2.4km az=10.0

ISK 19:16:28:01.1, 3844N, 2905E, h5km, MD2.9

ISCJB 19:16:28:02.3.0.7, 3844N, 005.2906E, h0km, 4km, Error ellipse: s-maj=7.3km x-min=4.0km az=17.6

DDA 19:16:28:02.9, 3849N, 2905E, h7km, 3km, MD2.8

ISC 19:16:28:02.6.0.7, 3843N, 005.2906E, h0km, 4km, n9, s=092/16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULA Kula-Manisa, KULA Kula-Manisa, KHAL Karahalli, KHAL Karahalli, DEMI Demirci, DEMI Demirci, GDZ Gediz, GDZ Gediz, TKTP Tekketepce, TKTP Tekketepce, AKHS Akhisar, AKHS Akhisar, SHUT Suhut-Afyon, SHUT Suhut-Afyon, ULDT Uludag, ULDT Uludag

MAN 19:16:40:47, 1018N, 12500E, h44km, mb4.2, ML3.0, MS2.8, 1C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, MSLP Maasin, SCPH Surigao, SCPH Surigao, OCLP Ormoc, PLP Palo

MAN 19:17:02:27, 1028N, 12518E, h12km, mb4.3, ML3.2, MS3.0, 1C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, MSLP Maasin, SCPH Surigao, SCPH Surigao, PLP Palo, OCLP Ormoc, LLLP Lapu-Lapu, BUTP Butuan, CGP Cagayan de Oro, SNPH Sibulan, CNP Catarman, BUKP Musuan, RCP Roxas, PAGP Pagadian, KALP Kalibo, PVP Virac, MATI Matina, OTRP Odiongan, CUYO Cuyo Island, SJMP San Jose, BUSP Coron, ENPP El Nido, CAUP Cauayan, APYP Conner, JOW Kungami, GUMI Guam, BATI Baunata, JUNU Nakatsue, KAKA Kakadu, KSRK Korea Array, KSRK Korea Array

ISCJB 19:17:45:59.2.0.9, 2397S, 006.675W, h0km, 21km, mb3.9/2, Error ellipse: s-maj=29.4km x-min=8.8km az=7.1

IDC 19:17:15:00.8.1.3, 2388S, 6767W, h109km, mb3.5/3, mb1.3.6/6, mb1mx3.4/1.9, mbtmp3.6/6, Error ellipse: s-maj=21.9km x-min=13.8km az=82.0

NEIC 19:17:15:03.5.0.9, 2361S, 6773W, h137km, 10km, mb3.7/1, Error ellipse: s-maj=16.8km x-min=12.3km az=104.0

ISC 19:17:15:00.7.0.8, 2394S, 005.676W, h10km, n14, s=087/14, mb3.9/2, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Las Campanas, LPAZ La Paz, CFAA Coronal Fontan, SIV San Ignacio, SIV San Ignacio, TRQA Torquai, TRQA Torquai, BDFB BDFB, SNAW SNAW, TORD Torodi Arr, TORD Torodi Arr, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array, MKAR Makanchi Array

IDC 19:17:24:51.0.3.6, 367S, 13871E, h0km, mb3.2/2, mb1.3.6/4,

mb1mx3.4/13,mbtmp3.4/4,ML3.4/1,Error ellipse: s-maj=120.2km s-min=28.8km az=90.0,Irian Jaya

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
WRA	Warramunga Arr	16.73 194	Op	ISC	Pn	17 28 42	+0.3
FITZ	Fitzroy Crossi	19.22 231	P	Pn	Pn	17 29 16.8	-1.0
ASAR	Alice Springs	20.42 193	P	P	P	17 29 29.9	0.0
MKAR	Makanchi Array	20.42 193	P	P	P	17 36 08.0	+0.1

NEIC 19 17:43:27.7, 1662N-9826W, h13km, MD4.0(MEX), After MEX.

MEX 19 17:43:27.7±0.8, 1662N-9825W, h13km±12km, MD4.0, Near coast of Guerrero

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
VHO	Vista Hermosa	1.52 73	iP	Op	Pn	17 43 50.7	-4.0
VHO	Vista Hermosa	1.52 73	iP	Op	Pn	17 44 10.3	-4.0
ACX	Acapulco	1.61 279	iP	Op	Pn	17 43 53.0	-2.9
ACX	Acapulco	1.61 279	iP	Op	Pn	17 44 10.5	-6.0
MEIG	Mezcala	1.84 315	iP	Op	Pn	17 44 05.6	-3.8
CAIG	El Cayaco	1.97 283	iP	Op	Pn	17 44 17.3	-4.9
CAIG	El Cayaco	1.97 283	iP	Op	Pn	17 43 57.5	-3.4
CAIG	El Cayaco	1.97 283	iP	Op	Pn	17 44 21.4	-4.1
PLM	Platanillo	2.12 326	eP	Op	Pn	17 43 60.0	-3.0
PLG	Platanillo	2.12 326	eP	Op	Pn	17 44 25.8	-3.5
PPM	Popocatepeti	2.46 352	eP	Op	Pn	17 44 05.6	-1.9
PPM	Popocatepeti	2.46 352	eP	Op	Pn	17 44 32.9	-4.5
IO	Organos	2.98 351	eP	Op	Pn	17 44 14.4	-0.4
IO	Organos	2.98 351	eP	Op	Pn	17 44 53.8	+3.3
ZIIG	Zihuatanejo	3.22 288	eP	Op	Pn	17 44 16.0	-2.1
ZIIG	Zihuatanejo	3.22 288	eP	Op	Pn	17 44 53.2	-3.9
CMIG	Matias Romero	3.26 81	eP	Op	Pn	17 44 16.7	-1.9
CMIG	Matias Romero	3.26 81	eP	Op	Pn	17 44 54.1	-3.2

IDC 19 17:47:21.5±6.2, 2819S±17789W, h0km, mb3.4/2, mb1.3/6.2, mb1mx3.5/13, mbtmp3.4/2, Error ellipse: s-maj=264.1km s-min=97.7km az=162.0

ISC 19 17:48:04.5±1.4, 3005S±1786W, h04, h374km±19km, n27, r1502/32, mb2.7/2, Kermadec Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
MXZ	Matakoaka Point	7.93 198	SN	S	Pn	17 51 30.4	-0.4
PUZ	Puketiti	8.42 197	eP	Op	Pn	17 50 02.6	-1.3
PUZ	Puketiti	8.42 197	eP	Op	Pn	17 51 40.6	-0.9
MWZ	Matawai	8.87 200	SN	S	Pn	17 50 07.7	-1.4
MWZ	Matawai	8.87 200	SN	S	Pn	17 51 50.9	-0.2
URZ	Urewera	8.93 202	PN	Pn	Pn	17 50 10.5	+0.7
URZ	Urewera	8.93 202	PN	Pn	Pn	17 51 53.0	+0.6
BKZ	Black Stump Fm	9.96 203	ePN	Op	Pn	17 50 23.5	+1.7
KAHZ	Kahurangi	10.41 200	ePN	Op	Pn	17 50 28.2	+1.0
WNVZ	Wahianoa	10.42 206	ePN	Op	Pn	17 50 28.2	+0.9
PXZ	Pahurangi	10.64 199	PN	Pn	Pn	17 50 31.0	+1.2
TSZ	Takapora Road	10.94 202	PN	Pn	Pn	17 50 33.4	+0.1
MRZ	Mangatainoka R	11.61 202	PN	Pn	Pn	17 50 38.0	-3.2
MRZ	Mangatainoka R	11.61 202	PN	Pn	Pn	17 52 47.9	-1.8
TIWZ	Tintock	11.61 201	SN	S	Pn	17 50 42.0	+0.8
HOWZ	Holdsforth Sta	11.84 202	ePN	Op	Pn	17 50 44.1	+0.1
KIW	Kapiti Island	12.02 204	ePN	Op	Pn	17 50 45.4	-0.6
IPM	Mount Morrison	12.08 202	PN	Pn	Pn	17 50 47.1	+0.3
CAW	Cannon Point	12.18 203	PN	Pn	Pn	17 50 47.2	-0.7
PLWZ	Palisier	12.53 202	PN	Pn	Pn	17 50 52.8	+0.8
TCW	Tory Channel	12.55 206	PN	Pn	Pn	17 50 51.6	-0.6
TUWZ	Tuamarina	12.87 206	PN	Pn	Pn	17 50 55.6	-0.3
NNZ	Nelson	12.91 208	PN	Pn	Pn	17 50 55.8	-0.6
QRZ	Quartz Range	12.95 211	PN	Pn	Pn	17 50 56.8	-0.1
QRZ	Quartz Range	12.95 211	PN	Pn	Pn	17 53 19.9	+2.8
THZ	Topohure	13.56 208	PN	Pn	Pn	17 51 03.0	-1.0
THZ	Topohure	13.56 208	PN	Pn	Pn	17 52 49.7	+0.1
KHJZ	Kahurangi	13.87 205	PN	Pn	Pn	17 51 07.5	-0.1
DSZ	Dennistown	14.02 211	ePN	Op	Pn	17 51 10.1	+0.9
LTZ	Lake Taylor	14.67 207	ePN	Op	Pn	17 51 17.4	+3.1
ASAR	Alice Springs	42.59 272	P	P	P	17 55 28.0	+0.1
WRA	Warramunga Arr	43.55 267	P	P	P	17 55 31.9	-1.3
FINES	FINES Array B	144.62 340	PKP	PKP	PKP	18 06 56.6	+0.2

MAN 19 17:48:58, 1029N-12512E, h4km, mb4.3, ML3.1, MS2.9, 1C, Leyte

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
MSP	Maasin	0.30 238	eP	Op	Pg	17 49 05.8	+2.0
MSP	Maasin	0.30 238	eP	Op	Pg	17 49 05.8	+5.1
SCPH	Surigao	0.63 144	eP	Op	Pg	17 49 11.0	+0.9
SCPH	Surigao	0.63 144	eP	Op	Pg	17 49 20.8	+2.6
PLP	Palo	0.88 351	eP	Op	Pg	17 49 14.9	+0.1
PLP	Palo	0.88 351	eP	Op	Pg	17 49 27.7	+1.5
OCLP	Ormoc	0.90 326	eP	Op	Pg	17 49 15.4	+0.1
OCLP	Ormoc	0.90 326	eP	Op	Pg	17 49 27.7	+5.1
LLP	Lapu-Lapu	1.13 271	eP	Op	Pg	17 49 19.6	-0.2
LLP	Lapu-Lapu	1.13 271	eP	Op	Pg	17 49 36.8	+2.3
TBP	Tagbilaran	1.37 244	eP	Op	Pn	17 49 23.9	0.0
TBP	Tagbilaran	1.37 244	eP	Op	Pn	17 49 44.8	+2.6
SNPH	Sibulan	2.08 243	eP	Op	Pn	17 49 37.0	+3.3
CNP	Cataraman	2.25 349	eP	Op	Pn	17 49 37.4	+1.4
BUPK	Musuan	2.40 181	eP	Op	Pn	17 49 38.6	+0.5
GUIM	Jordan	2.51 248	eP	Op	Pn	17 49 40.4	+0.8
PVCP	Virac	3.41 344	eP	Op	Pn	17 49 55.8	+3.7

MOS 19 18:16:38.9±1.3, 908N-12634E, h33km, mb5.0/27, Error ellipse: s-maj=18.8km s-min=8.3km az=103.2

MAN 19 18:16:41, 908N-12645E, h24km, mb5.0, ML4.0, MS4.1, IDC 19 18:16:41.3±2.5, 898N-12612E, h38km±20km, mb4.3/19, mb1.4/4.20, mb1mx4.2/22, mbtmp4.3/20, ML4.2/1, MS3.4/14, Ms1.3/4/14, ms1mx3.3/26, Error ellipse: s-maj=29.9km s-min=10.5km az=81.0

ISCJB 19 18:16:42.1±0.5, 905N-12650E, h03, h6km±4km, mb4.7/78, Error ellipse: s-maj=5.6km s-min=3.9km az=167.5

BUI 19 18:16:42.2, 881N-12643E, h79km, mb4.9, mb4.8, Ms4.0, Ms3.7

NEIC 19 18:16:44.3±1.0, 902N-12636E, h64km±9km, mb4.8/45, Error ellipse: s-maj=17.1km s-min=4.8km az=77.0

DJA 19 18:16:49, 890N-12645E, h71km, ML5.0/4, IDC 19 18:16:43.9±0.4, 903N-12646E, h61km±4km, h57km±6, 1km±p-P, n205, r1522/216, mb4.7/78, 15C-11D, Mindanao

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
BUTP	Butuan	0.83 266	eP	Op	Pn	18 16 57.9	-1.9
BUTP	Butuan	0.83 266	eP	Op	Pn	18 16 59.9	-2.1
BIPH	Bitisig	0.85 187	iP	Op	Pn	18 16 57.0	-3.0
BIPH	Bitisig	0.85 187	iP	Op	Pn	18 17 07.0	-4.8
SCPH	Surigao	1.21 308	eP	Op	Pn	18 17 03.4	-1.3
SCPH	Surigao	1.21 308	eP	Op	Pn	18 17 19.9	-3.4
BUPK	Musuan	1.79 230	eP	Op	Pn	18 17 12.8	+0.2
CGP	Cagayan de Oro	1.84 252	eP	Op	Pn	18 17 11.8	+1.3
CGP	Cagayan de Oro	1.84 252	eP	Op	Pn	18 17 35.3	0.0
MSP	Maasin	1.92 305	eP	Op	Pn	18 17 14.9	+0.6
MSP	Maasin	1.92 305	eP	Op	Pn	18 17 41.4	+4.0
MATI	Mati	2.08 186	eP	Op	Pn	18 17 16.6	0.0
DAV	Davao City (W)	2.13 204	eP	Op	Pn	18 17 17.7	+0.4
KCP	Kidapawan	2.42 214	iP	Op	Pn	18 17 21.3	+0.1
KCP	Kidapawan	2.42 214	iP	Op	Pn	18 17 56.4	+6.7
PLP	Palo	2.57 326	eP	Op	Pn	18 17 23.4	+0.2
PLP	Palo	2.57 326	eP	Op	Pn	18 17 56.1	+2.8
TBP	Tagbilaran	2.65 285	eP	Op	Pn	18 17 23.9	-0.3
TBP	Tagbilaran	2.65 285	eP	Op	Pn	18 17 54.9	+0.2
OCLP	Ormoc	2.71 318	eP	Op	Pn	18 17 26.2	+1.2
LLP	Lapu-Lapu	2.77 298	iP	Op	Pn	18 17 26.3	+0.4
LLP	Lapu-Lapu	2.77 298	iP	Op	Pn	18 17 59.6	+1.5
CTBH	Cotabato-PC H	2.83 231	iP	Op	Pn	18 17 25.6	-1.2
CTBH	Cotabato-PC H	2.83 231	iP	Op	Pn	18 18 02.0	+0.2
SNPH	Sibulan	3.20 276	eP	Op	Pn	18 18 05.9	+0.9
PAGZ	Pagadian	3.26 249	eP	Op	Pn	18 17 32.6	0.0
GSPH	General Santos	3.29 207	eP	Op	Pn	18 17 33.8	+0.9

CNP	Cataraman	3.88 333	eP	Op	Pn	18 17 40.9	-0.2
RUP	Jordan	4.13 293	eP	Op	Pn	18 17 44.7	+0.2
GICP	Roxas	4.43 305	eP	Op	Pn	18 17 50.1	+1.5
PVCP	Virac	5.07 334	eP	Op	Pn	18 17 56.5	-0.8
PVCP	Virac	5.07 334	eP	Op	Pn	18 18 36.8	-1.8
PVCP	Virac	5.07 334	eP	Op	Pn	18 19 56.8	-0.5
OTRP	Odiong	5.47 308	eP	Op	Pn	18 18 04.2	+1.3
SJMP	San Jose	6.26 303	eP	Op	Pn	18 18 13.2	-0.4
BUSP	Coron	6.83 296	eP	Op	Pn	18 18 23.0	+1.6
POLP	Poilo Island	7.18 322	eP	Op	Pn	18 18 26.7	+0.4
ENPP	El Nido	7.25 288	eP	Op	Pn	18 18 27.8	+0.5
LUOP	Lubang	7.68 308	eP	Op	Pn	18 18 34.0	+1.0
BALP	Baler	8.20 325	eP	Op	Pn	18 18 39.6	-0.6
BATP	Batara	8.56 269	eP	Op	Pn	18 18 46.4	+1.2
MYLDM	Lahad Datu	8.78 245	iP	Op	Pn	18 18 53.2	+5.1
PALP	Palanan	8.90 334	eP	Op	Pn	18 18 47.5	-2.2
CAUP	Cauayan	9.07 331	eP	Op	Pn	18 18 50.0	-2.2
SCZP	Santa Cruz	9.26 317	eP	Op	Pn	18 18 58.0	+3.2
TSM	Tawau	9.74 242	iP	Op	Pn	18 19 04.3	+3.0
SDKM	Sandakan	9.79 250	iP	Op	Pn	18 19 06.2	+4.2
APYP	Conner	10.13 311	eP	Op	Pn	18 19 05.6	-1.1
KKM	Kota Kinabalu	10.58 254	iP	Op	Pn	18 19 17.5	+4.6
KKM	Kota Kinabalu	10.58 254	iP	Op	Pn	18 19 34.0	+0.3
SKM	Kumud	10.58 254	i				

19d 19h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TKM2 Tokmak, ZALV Zalesovo, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TORD Torodi Ar. Bea, PLCA Paso Flores, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PTL Penteli, ATH Athens Observa, and many others.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Saint Saulte, Cartegena, Sonseca Array, FINESS Array, Hagfors, Kongsberg, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Whiskeytown Da, Pinyon Flat Ob, Kaiser Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Chosi, Boso 1, Katsuro, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Whiskeytown Da, Pinyon Flat Ob, Kaiser Creek, etc.

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

TEH 19 20:37:52.4, 2710N-5423E, h8km, ML3.5
THR 19 20:37:59.8, 2704N-5444E, h10km, mb3.6/3
IDC 19 20:37:59.5, 2743N-5424E, h0km, mb3.7/5, mb1 3.6/5, mb1mx3.4/24, mbtmp3.7/5, Error ellipse: s-maj=88.8km, s-min=28.4km az=148.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, BNSD Bander-Abbas, etc.

MOS 19 21:13:54.3, 1.0, 4366N-13400E, h429km, mb3.6/16, Error

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ellipse: s-maj=14.8km, SKHL 19 21:13:54.1, etc.

19 21:06:10.6, 19.0, 612S-13032E, h140km=196km, mb2.9/1, mb1 3.1/4, mb1mx3.0/4, mbtmp3.0/4, ML3.1/3, Error ellipse: s-maj=149.5km s-min=62.5km az=44.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ODAN Odare, JIRN Jiri, GUN Gumba, etc.

JMA 19 22:03:48.9-0.2, 4378N:14720E, h34km, M3.5, Kuril Islands

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

ISCJB 19 22:06:04.1-0.4, 2279N:02.12142E, 0.03, h18km, 5km, Error ellipse: s-maj=4.1km s-min=3.5km az=161.3

JMA 19 22:06:04.6-0.4, 2256N:12153E, h56km, M3.4

TAP Felit J at Chengungung, ISC 19 22:06:04.0-0.4, 2281N:002.12140E, h11km, 3.3km, n53, c095/85, 8C-2D, Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like STVT Hungye, EHY Sandimen, SSS Lan-yu, etc.

ISCJB 19 22:22:05.6-4.6, 1498S:007.16794E, 0.09, h30km, 32km, mb4.6/29, MS3.7/4, Error ellipse: s-maj=15.1km s-min=10.7km az=149.0

LDG 19 22:22:05.8-0.2, 1482S:167.16E, h10km, MB4.8/4, Error ellipse: s-maj=20.1km s-min=4.3km az=88.0

MOS 19 22:22:07.6-1.7, 1497S:167.78E, h33km, mb4.7/16, Error ellipse: s-maj=12.6km s-min=11.1km az=27.8

IDC 19 22:22:09.6-4.5, 1493S:167.96E, h52km, 38km, mb4.2/15, mb1.4/4/16, mb1mx3.4/19, mb1tmp4.2/16, ML5.2/1, MS3.7/5, Ms1.3/7.5, ms1mx3.3/26, Error ellipse: s-maj=23.4km s-min=15.0km az=84.0

BJI 19 22:22:15.9-1.9, 1510S:167.80E, h115km, m85.2, mb4.7, NEIC 19 22:22:17.9-1.9, 1508S:167.78E, h116km, 51km, mb4.6/14, Error ellipse: s-maj=12.5km s-min=9.7km az=89.0

ISC 19 22:22:12.1-1.9, 1492S:006.16787E, h07km, 16km, n109, c097/67, mb4.5/29, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, PPT Papeete, MBWA Maribou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNZ Kokohu, OTVZ Otutere, TUWZ Tukino, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUS Russkaya, GRL Gorelyy, TUMR Tumrok, etc.

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

IDC 20 01:08:57.7:1.1, 5281N:162.69E, h33km, mb4.1/5, Error ellipse: s-maj=16.5km s-min=11.7km az=113.6

ISCJB 20 01:26:29.2:0.3, 5009N:002.796E, h15km, 2km, Error ellipse: s-maj=2.9km s-min=2.6km az=160.3

TEH 20 01:36:48.9, 3458N:5082E, h5km, ML3.9, Error ellipse: s-maj=3.7km s-min=3.5km az=146.2

NEIC 20 00:56:15.8:1.2, 615S:147.96E, h10km, mb4.5/3, Error ellipse: s-maj=25.3km s-min=15.8km az=167.0

ISC 20 00:56:20.3:2.7, 63S:04.1479E, n1, h35km, n17, o071/10, mb4.3/4, MS3.2/6, Eastern New Guinea region

CSEM 20 01:36:14.3:0.1, 3459N:5083E, h15km, ML3.8, Error ellipse: s-maj=1.6km s-min=1.2km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABH Alteburg, KOE Koeppel, BGG Borgeitz, etc.

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

IDC 20 00:59:41.2:75.0, 1930S:17969W, h670km, 428km, mb3.0/4, mb1 3.1/4, mb1mx2.9/16, mbmtip3.0/4, Error ellipse: s-maj=916.2km s-min=116.8km az=74.0, Fiji Islands region

ISC 20 01:26:32.5:0.6, 5013N:785E, h14km, 2km, ML1.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 20 01:38:14.6:0.7, 3458N:5082E, h15km, 14km, ML3.8, Error ellipse: s-maj=1.2km s-min=1.0km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WB2 Warramunga Arr, etc.

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

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

MOS 20 01:08:57.7:1.1, 5281N:162.69E, h33km, mb4.1/5, Error ellipse: s-maj=16.5km s-min=11.7km az=113.6

ISCJB 20 01:08:58.8:1.0, 5285N:162.59E, h0.08, h35km, 9km, mb3.8/8, Error ellipse: s-maj=9.0km s-min=6.1km az=39.7

ISC 20 01:08:59.2:0.8, 5289N:162.45E, h39km, 38km, ML4.3, Error ellipse: s-maj=3.0km s-min=2.4km az=2.0

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

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

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

Table with columns: IKOM, Komasi, 2.77 263, eSn, Sn, 01 39 32.8, -1.4, etc. Lists various stations and their coordinates.

ISCBJ 20 01:53:42.0, 4.5009N, 002:791E, 0.03, h10km, Error ellipse: s-maj=2.9km s-min=2.4km az=157.6

BGR 20 01:53:42.0, 4.5013N, 792E, h5km, ML1.7/3, Error ellipse: s-maj=7.8km s-min=3.3km az=152.0

CSEM 20 01:53:43.0, 1.5011N, 789E, h12km, ML2.5/9, Error ellipse: s-maj=1.4km s-min=0.9km az=64.0

LDG 20 01:53:43.0, 1.5012N, 791E, h10km, M02.6/1, ML2.4/9, Error ellipse: s-maj=1.2km s-min=0.7km az=76.0

UCC 20 01:53:43.0, 4.5014N, 787E, h16km, ML1.5

KBS 20 01:53:44.0, 4.5016N, 785E, h8km, 2km, 1.4

STR 20 01:53:44.0, 1.0, 5.005N, 789E, h10km, ML1.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 20 01:53:42.1, 4.5012N, 002:793E, 0.03, h19km, 3km, n40, 0586/76, 1C-1D, Germany

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

Table with columns: SFTF, eSn, Sn, 01 54 55.5, -0.8, etc. Lists stations like Sextointaines, WERD, etc.

FUNV 20 02:08:15.1, 704N, 7232W, h13km, MW3.6, 2C-1D

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

IDC 20 02:19:39.4, 0.6, 2946S, 7185W, h0km, mb4, 4/10, mb1 4, 3/16, mb1mx4, 2/23, mbtmp4, 2/16, ML4, 2/6, MS3, 7/17, MS1, 3/7/17, ms1mx3, 6/35, Error ellipse: s-maj=18.4km s-min=13.1km az=79.0

ISCBJ 20 02:19:41.9, 1.0, 2949S, 002:7192W, 0.05, h30km, 7km, mb4, 2/19, MS3, 8/14, Error ellipse: s-maj=7.4km s-min=3.7km az=2.0

GUC 20 02:19:44.0, 0.0, 2949S, 7175W, h44km, 2km, ML4.5, NEIC 20 02:19:44.0, 2949S, 7175W, h44km, mb4, 2/11, After GUC, NEIC Fell at La Serena

ISC 20 02:19:43.3, 1.1, 2948S, 002:7183W, 0.05, h25km, 8km, n75, 0576/65, mb4, 2/19, MS3, 8/14, 5C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like La Serena, Las Campanas, Tololo Astrono, etc.

Table with columns: DBIC, Dimbokro, 73.60 72, eP, P, 02 31 14.6, -0.2, etc. Lists stations like Dimbokro, Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Tsumbe, Moose Ponds, Boshof, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THRS Thira Island, SANT Santorini, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THRS Thira Island, ITM Ithomi, etc.

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

TIXI	Tiksi	84.55	350	↑P	P	04 11 08.4	-1.3
TIXI	Tiksi	84.55	350	↑P	P	04 11 21.6	-1.4
TIXI	comp=Z,18nm,1.7s,mb4.9						
TIXI	comp=Z,13nm,0.9s,mb5.1						
M01C	Crescent City	85.48	46	↓P	P	04 11 15.8	+0.8
WMQ	Urumqi	85.53	316	↓P	P	04 11 15.4	+0.2
WMQ						04 14 36.0	+1.7
WMQ						04 21 39.3	-4.2
WMQ	comp=Z,40nm,2.4s,mb5.2						
WMQ	comp=Z,186nm,7.1s						
WMQ	comp=N,387nm,19.8s,MS4.9						
WMQ	comp=E,244nm,18.3s,MS4.9						
WMQ	comp=Z,437nm,20.3s,MS4.8						
N02C	Big Bar	85.75	47	↓P	P	04 11 17.1	+0.8
HAST	Hastings Reser	85.81	52	↑P	P	04 11 17.1	+0.4
MNRC	McLaughlin Nat	85.82	49	↓P	P	04 11 17.7	+0.9
GASB	Alder Springs	85.84	49	↓P	P	04 11 17.5	+0.6
L02A	Cave Junction	85.94	46	↓P	P	04 11 17.6	+0.3
Q02C	Red Bluff	85.94	48	↓P	P	04 11 17.7	+0.4
V03C	Hunter Liggett	85.95	52	↓P	P	04 11 18.1	+0.6
Q03C	Winters	86.08	50	↑P	P	04 11 19.1	+1.1
V04C	Ramage Ranch,	86.14	53	↑P	P	04 11 18.7	+0.4
EGAK	Eagle	86.17	21	eP	P	04 11 17.6	-0.2
PACP	Pacheco Peak	86.18	52	↑P	P	04 11 18.5	0.0
K02A	Glendale	86.20	46	↑P	P	04 11 18.9	+0.4
WDC	Whiskeytown Da	86.24	48	↓P	P	04 11 18.6	-0.2
M02C	Callahan	86.25	47	↑P	P	04 11 18.9	+0.1
S04C	Ingram Canyon,	86.28	51	↓P	P	04 11 19.0	0.0
J02A	Umpqua	86.33	45	↓P	P	04 11 19.3	+0.2
I02A	Mapleton	86.35	44	↑P	P	04 11 19.8	+0.6
U04C	Hernandez Rese	86.40	52	↓P	P	04 11 20.3	+0.6
DAWY	Dawson	86.42	22	eP	P	04 11 19.4	+0.3
YBH	Yreka Blue Hor	86.45	47	eP	P	04 11 20.0	+0.2
YBH	comp=Z,10.0nm,1.2s						
YBH	Yreka Blue Hor	86.45	47	eP	P	04 11 20.6	+0.8
YBH	comp=Z,9.5nm,1.2s,mb4.9						
PKD	Parkfield	86.48	53	P	P	04 11 20.5	+0.5
HUMO	Hull Mountain	86.53	46	↓P	P	04 11 20.7	+0.6
HUMO	Hull Mountain	86.53	46	↓P	P	04 11 20.3	+0.1
ORV	Oroville	86.72	49	↓P	P	04 11 20.9	-0.2
SMMC	Simmler	86.74	53	↑P	P	04 11 21.7	+0.4
M03C	McCloud	86.74	47	↓P	P	04 11 21.7	+0.5
J03A	Ideyld Park	86.75	45	↓P	P	04 11 21.1	-0.1
PKM	Peak Mountain	86.78	54	↓P	P	04 11 22.3	+0.8
U05C	Westside ANR,	86.91	52	↑P	P	04 11 22.5	+0.4
H03A	Soap Creek Ran	86.92	44	↓P	P	04 11 22.6	+0.6
S05C	Merced	87.01	51	P	P	04 11 23.2	+0.6
L04C	Lava Cap Winer	87.07	50	↑P	P	04 11 23.3	+0.4
M04V	Macdoel	87.09	47	↑P	P	04 11 23.7	+0.8
HATC	Hat Creek Radi	87.09	48	↑P	P	04 11 22.5	-0.4
G03A	Yamhill	87.12	43	↑P	P	04 11 23.4	+0.4
F03A	Seaside	87.12	42	↑P	P	04 11 23.4	+0.4
CMB	Columbia Colle	87.14	51	eP	P	04 11 23.1	-0.2
CMB	comp=Z,6.0nm,0.9s,mb4.8						
CMB	Columbia Colle	87.14	51	↓P	P	04 11 23.5	+0.2
CMB	Columbia Colle	87.14	51	eP	P	04 11 23.1	-0.2
L04A	Klamath Falls	87.16	46	↓P	P	04 11 22.9	-0.4
LTIM	Timbered Crate	87.17	47	P	P	04 11 23.7	+0.4
BLG	Laguna Peak	87.18	55	↓P	P	04 11 23.1	-0.4
O04C	Chester	87.23	48	↓P	P	04 11 24.3	+0.7
O05C	Quincy	87.26	49	↓P	P	04 11 24.0	+0.2
I04A	Tendick Spring	87.26	45	↑P	P	04 11 24.1	+0.4
E03A	Lebam	87.31	42	↑P	P	04 11 24.5	+0.7
J04A	Umpqua Nationa	87.31	45	↓P	P	04 11 24.5	+0.6
P05C	Yuba Gap, Truc	87.31	49	↓P	P	04 11 24.5	+0.4
NLWA	Neilton Lookou	87.37	41	↓P	P	04 11 24.6	+0.5
T06C	Millerton Lake	87.40	52	P	P	04 11 24.3	-0.2
M05C	Lookout	87.47	47	↓P	P	04 11 24.8	+0.1
S06C	San Francisco	87.52	51	P	P	04 11 24.7	-0.4
R05C	Kirkwood Meado	87.56	50	↓P	P	04 11 25.2	0.0
H04A	Detroit Lake	87.67	44	↑P	P	04 11 25.6	-0.1
KCC	Kaiser Creek	87.78	52	P	P	04 11 26.6	+0.3
HELL	Mitchell Peak	87.85	52	P	P	04 11 26.4	-0.3
F04A	Amboy	87.88	43	↓P	P	04 11 27.5	+0.9
L05A	Lakeview	87.88	47	↑P	P	04 11 27.5	+0.7
M06C	Likely Place G	87.92	48	↑P	P	04 11 27.1	+0.3
J05A	Fort Rock	87.94	45	↑P	P	04 11 27.5	+0.6
R06C	Coleville	87.98	50	↑P	P	04 11 27.7	+0.4
K05A	Summer Lake	88.03	46	↑P	P	04 11 27.7	+0.3
ISA	Isabella	88.03	53	eP	P	04 11 27.6	0.0
ISA	comp=Z,5.0nm,1.1s,mb4.7						
ISA	Isabella	88.03	53	↑P	P	04 11 27.4	-0.1
ISA	Isabella	88.03	53	eP	P	04 11 27.6	+0.1
O06A	Flanigan	88.12	49	↓P	P	04 11 27.7	-0.2
I05A	Bend	88.16	45	↑P	P	04 11 28.1	+0.1
R07C	Lee Vining	88.18	51	↑P	P	04 11 28.6	+0.4
MOD	Modoc	88.23	47	↓P	P	04 11 28.1	-0.3
MOD	Modoc	88.23	47	eP	P	04 11 28.0	0.0
EDW2	Edwards Air Fo	88.23	54	↓P	P	04 11 28.6	+0.1

N06A	Buffalo Meadow	88.27	48	↑P	P	04 11 28.4	-0.2
H05A	Madras	88.32	44	↑P	P	04 11 29.3	+0.6
BFSC	Mot Baldy St	88.34	55	↑P	P	04 11 29.1	0.0
MCW	Mount Constiti	88.42	40	↓P	P	04 11 29.1	0.0
E05A	Randle	88.50	42	↓P	P	04 11 28.9	-0.6
K06A	Valley Falls	88.50	46	↓P	P	04 11 29.7	+0.1
A04A	Legoe Bay, Lum	88.51	40	↓P	P	04 11 30.0	+0.5
LRMC	Laurel Mountai	88.61	54	↓P	P	04 11 30.6	+0.3
J06A	Christmas Vall	88.69	46	↑P	P	04 11 30.2	-0.2
S08C	White Mtn Res	88.71	52	P	P	04 11 31.3	+0.5
O07A	Toulon	88.82	49	↓P	P	04 11 31.4	+0.2
NVAR	Minia Array Bea	88.83	51	P	P	04 11 31.2	-0.1
IO6A	Prineville	88.83	45	↑P	P	04 11 31.4	+0.2
MPMC	Manual Prospec	88.80	53	P	P	04 11 31.9	+0.3
M07A	Solar Meadow	88.91	48	↓P	P	04 11 31.8	+0.2
L07A	Adell	88.95	47	↓P	P	04 11 32.0	+0.3
H06A	Lindquist Farm	88.96	44	↓P	P	04 11 31.4	-0.4
E06A	Yakima	89.01	42	↑P	P	04 11 32.3	+0.4
MONP	Monument Peak	89.05	56	↓P	P	04 11 32.6	+0.2
PFO	Pinyon Flat Ob	89.18	56	P	P	04 11 32.8	-0.3
PFO	Pinyon Flat Ob	89.18	56	↓P	P	04 11 33.0	0.0
K07A	Rock Creek Ran	89.19	46	↓P	P	04 11 33.1	+0.3
GRAC	Grapevine Rang	89.21	52	↓P	P	04 11 32.8	-0.3
Q08A	Gallo	89.22	50	↑P	P	04 11 33.5	+0.4
GSC	Goldstone	89.27	54	eP	P	04 11 33.2	-0.2
GSC	Goldstone	89.27	54	↓P	P	04 11 33.5	+0.1
GSC	Goldstone	89.27	54	eP	P	04 11 33.2	-0.2
I07A	Goldstone	89.36	45	↑P	P	04 11 34.2	+0.5
H07A	Lands Inn, Kim	89.45	40	↓P	P	04 11 34.4	+0.3
FURC	Furnace Creek,	89.49	53	P	P	04 11 34.6	+0.2
S09A	Goldfield	89.49	52	↓P	P	04 11 34.3	-0.1
M08A	Happy Creek Ra	89.51	48	↓P	P	04 11 34.5	+0.1
N08A	GE Springer Mi	89.52	49	↓P	P	04 11 34.9	+0.4
HEC	Hector,Ludlow	89.55	55	↑P	P	04 11 34.3	-0.4
G07A	Ruggs Ranch, H	89.55	44	↑P	P	04 11 34.0	-0.5
WVOR	Wild Horse Val	89.56	47	eP	P	04 11 34.5	-0.1
WVOR	comp=Z,13nm,1.1s,mb5.2						
WVOR	Wild Horse Val	89.56	47	eP	P	04 11 34.5	-0.1
SWSC	Sam W. Stewart	89.57	57	↑P	P	04 11 34.4	-0.5
BELC	Belle Mtn.	89.63	55	↑P	P	04 11 34.9	-0.2
L08A	Fields	89.71	47	↑P	P	04 11 36.0	+0.7
R09A	Tonopah	89.73	51	↑P	P	04 11 35.6	+0.1
K08A	Mann Creek Ran	89.74	47	↓P	P	04 11 35.5	0.0
D07A	Quincy	89.85	42	↓P	P	04 11 36.5	+0.6
U10A	Ash Meadows, A	89.90	53	↓P	P	04 11 36.4	+0.1
J08A	Circle Bar Ran	89.90	46	↓P	P	04 11 36.7	+0.5
I08A	Drewsey	89.97	45	↓P	P	04 11 36.8	+0.3
P09A	Austin	89.98	50	↓P	P	04 11 36.8	+0.2
N09A	Rock Creek Ran	89.99	49	P	P	04 11 37.3	+0.6
BC3	Big Chuck Mtn	90.00	56	↓P	P	04 11 36.9	0.0
TUQ	Turquoise Mtn.	90.00	54	↑P	P	04 11 36.4	-0.4
S10A	Tonopah Range	90.02	52	↑P	P	04 11 36.9	0.0
MKAR	Makanji Array	90.03	318	P	P	04 11 35.7	-1.0
MKAR	comp=Z,8.2nm,0.7s,mb5.2,baz=88,slow=5.9,SNR=54						
G08A	Pilot Rock	90.04	44	↓P	P	04 11 36.4	-0.4
H08A	Prairie City	90.05	45	↑P	P	04 11 37.2	+0.3
GMRC	Granite Mounta	90.07	55	↑P	P	04 11 37.0	-0.2
TPNV	Topopah Spring	90.08	53	eP	P	04 11 36.8	-0.4
TPNV	comp=Z,8.0nm,0.8s,mb5.1						
TPNV	Topopah Spring	90.08	53	↑P	P	04 11 37.0	-0.1
TPNV	Topopah Spring	90.08	53	eP	P	04 11 36.8	-0.3
A07A	Ashnola River,	90.08	40	P	P	04 11 36.5	-0.3
O09A	Fish Creek Ran						

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like J13A Cove Ranch, 216A Three Points, U15A North Rim, etc.

Table with columns: ETSF, Etsaut, 143.87 337, ePKIKP, PKPdf, 04 18 09.6 -2.8. Includes stations like SJPF Ste Jean, ELIZ Elizondo, KEST Kesra, etc.

Table with columns: NOA, NORSAR Array B, 88.42 26, LR, 05 00 43.0. Includes stations like FINES FINESS Array B, NEIC 20 04:16:37.8, 1949N-10479W, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like KSRK, KSRK, KSRK, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like KDKA, DANN, COEN, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like GRF, SDCO, TUC, etc.

NEIC 20 04:32:30.9, 3801S: 17609E, h177km, MG4.1(WEL), After WEL. WEL 20 04:32:30.9, 0.4, 3801S: 17610E, h178km, 2km, ML4.0/19, Error ellipse: s-maj=4.4km s-min=3.5km az=0.0, North Island

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

MOS 20 05:02:09.8, 1.2, 4405N: 4245E, h5km, mb4.1/1, 1C-4D, Error ellipse: s-maj=24.3km s-min=8.4km az=41.0, Western Caucasus

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BUJ, ISCJB, etc.

20d 5h

Table of astronomical observations for 20d 5h, listing objects like HNR, COEN, CTAs, and various stars with their coordinates and magnitudes.

2007 JUN

Main table of astronomical observations for 2007 JUN, listing objects like BVAR, YKA, PDAR, and various stars with their coordinates and magnitudes.

582

Table of astronomical observations for 582, listing objects like TUC, 117A, X19A, and various stars with their coordinates and magnitudes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOHW Long Hollow, M14A Sheep Mountain, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like D12A Red Ives Fores, C13A Hot Springs, K06A Valley Falls, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO 202nm,0.3s, URZ Urewera, etc.

Table with columns: RTR, El Retiro, 2.42 2941 eP, x, 06 07 39.3, etc. Includes stations like Vista de Mar, Jicaral, Cerro Gallo 2, Puriscal, etc.

NEIC 20 06:13:56.2, 1885N-9881W, h2km, MD3.7(MEX), After MEX.

MEX 20 06:13:56.2+1.5, 1885N-9880W, h1km±11km, MD3.7, Central Mexico

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Yautepac, Popocatepetl, Chichinautzin, etc.

RSPR 20 06:44:36.5, 2029N-7048W, h28km, 52km, MD3.6/5, MD3.6/5, 3C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Presa de Saban, Presa de Saban, Loma Pena Alta, etc.

IDC 20 06:54:53.7-0.8, 4655N-15553E, h0km, mb3.8/1, mb1.4/0.12, mb1mx3.8/23, mbtmp3.8/12, ML3.5/1, Error ellipse: s-maj=21.9km s-min=19.4km az=127.0

NEIC 20 06:54:53.3-0.6, 4657N-15545E, h10km, mb4.4/2, Error ellipse: s-maj=16.8km s-min=13.7km az=127.0

ISCJB 20 06:54:56.6-0.7, 4661N-1555E-0.1, h33km, mb3.9/16, Error ellipse: s-maj=15.1km s-min=8.0km az=32.3

MOS 20 06:54:56.2+1.4, 4668N-15560E, h33km, mb4.2/13, Error ellipse: s-maj=16.5km s-min=11.5km az=94.1

ISC 20 06:54:59.0-0.7, 4673N-1555E-0.1, h35km, n33, +119/34, mb3.9/16, East of Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Petropavlovsk, Korea Arr, YSS, ERM, etc.

Table with columns: TXAR, Lajitas Array, 76.04 62 P, P, 07 06 44.0 +1.3, etc. Includes Lajitas Array, Lajitas Array.

IDC 20 07:28:13.2-7.0, 2909S-6943W, h72km, 53km, mb3.4/2, mb1.3/5, mb1mx3.3/18, mbtmp3.3/3, ML4.2/1, Error ellipse: s-maj=69.6km s-min=36.6km az=22.0

ISCJB 20 07:28:15.0-0.9, 2887S-6937W-0.1, h96km, 13km, mb3.5/2, Error ellipse: s-maj=17.6km s-min=10.9km az=9.4

NEIC 20 07:28:16.5, 2888S-6947W, h95km, MD3.4(GUC), After GUC.

GUC 20 07:28:16.5-0.5, 2888S-6947W, h95km, 26km, MD3.4, ML3.3

ISC 20 07:28:16.0-0.8, 2888S-6963W-0.1, h87km, 12km, n13, +059/15, mb3.5/2, 3C-2D, Chile-Argentina border region

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

ISCJB 20 07:51:57.9-0.4, 3822N-2724E-0.03, h5km, 4km, Error ellipse: s-maj=4.3km s-min=3.1km az=166.6

CSEM 20 07:51:57.6-0.1, 3822N-2723E, h10km, ML3.3, Error ellipse: s-maj=1.9km s-min=1.0km az=67.0

DDA 20 07:51:57.3, 3825N-2724E, h90km, 5km, Md3.3

ISK 20 07:51:57.4, 3822N-2715E, h8km, MD3.2

THE 20 07:51:59.5, 3829N-2715E, h3km, ML3.3

ISC 20 07:51:58.0-0.4, 3822N-2724E-0.03, h7km, 4km, n34, +085/51, Turkey

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

FUNV 20 08:14:13.5, 7.10N-72.18W, h10km, MW4.4

ISCJB 20 08:14:14.4-0.6, 7.15N-72.07W-0.03, h47km, 6km, mb4.0/14, Error ellipse: s-maj=7.2km s-min=5.6km az=9.7

NEIC 20 08:14:16.5-0.7, 7.08N-72.06W, h53km, 7km, mb4-26, MD4.2(CAR), Error ellipse: s-maj=7.5km s-min=6.6km az=134.0

IDC 20 08:14:18.5-0.9, 7.14N-72.09W, h68km, 9km, mb3.7/10, mb1.3/9.12, mb1mx3.7/24, mbtmp3.8/12, MS2.9/3, Ms1.2/9.3, ms1mx2.6/146, Error ellipse: s-maj=16.4km s-min=6.9km az=131.0

ISC 20 08:14:15.7-0.6, 7.13N-72.04W-0.04, h40km, 7km, n51, +0959/59, mb4.0/14, 2C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Capacho, Socops, El Vigia, etc.

Table with columns: SANV, Curarigua, 3.57 36 eS, Sn, 08 15 46.8 -0.3, etc. Includes Curarigua, Turpeima, Dibajuro, etc.

IDC 20 08:24:60.0-28.0, 2289S-17400W, h0km, mb4.3/4, mb1.4/5.4, mb1mx3.9/16, mbtmp4.3/4, Error ellipse: s-maj=515.0km s-min=146.4km az=78.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Charters Tower, Charters Tower, Stephens Creek, etc.

ISCJB 20 08:40:24.1-4.0, 108S-02-1658E-02, h89km, 31km, mb4-3/11, Error ellipse: s-maj=39.7km s-min=17.2km

NEIC 20 08:40:25.5-2.3, 1072S-16579E, h90km, 18km, mb4.6/5, Error ellipse: s-maj=23.1km s-min=9.6km az=127.0

IDC 20 08:40:25.6-5.0, 1074S-16578E, h89km, 41km, mb4.0/9, mb1.4/2/10, mb1mx3.9/16, mbtmp4.1/10, MS3.3/8, Ms1.3/3.8, ms1mx3.1/37, Error ellipse: s-maj=41.7km s-min=21.6km az=128.0

ISC 20 08:40:25.5-3.5, 107S-02-1658E-02, h88km, 27km, n31, +058/22, mb4.3/11, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Honiara, Honiara, Charters Tower, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MK31, MKAR, TXAR, ARCES, TORO, etc.

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

NEIC 20 09:52:11.8, 1965N-6590W, h2km, MD3.6(RSPR), After RSPR.

RSPR 20 09:52:11.8, 1965N-6590W, h2km, MD3.6/7, MD3.6/7, 12C, Puerto Rico region

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

IDC 20 09:10:42.9, 1.8, 5358N-8784E, h0km, mb1.3, 6/2, mb1mx3.2/25, mbtmp3.6/2, ML3.5/2, Error ellipse: s-maj=17.1km s-min=4.5km az=100.0

NCC 20 09:10:47.2, 3.4, 5337N-8717E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=26.8km s-min=17.6km az=59.0

ISC 20 09:10:48.2, 2.0, 5361N-81.871E, h0.2, h3km, 16km, n8, @18/15, 10C-3D, Southwestern Siberia

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

TEH 20 09:22:07.2, 3132N-5009E, h6km, ML3.9

IDC 20 09:22:22.1, 2.1, 3129N-5001E, h0km, mb3.8/11, mb1.3/9/12, mb1mx3.7/28, mbtmp3.8/12, ML4.1/1, MS3.1/2, MS1.3/1.2, ms1mx2.5/48, Error ellipse: s-maj=43.3km s-min=19.3km az=159.0

NEIC 20 09:22:30.2, 3122N-5019E, h17km, mb4.0/1, ML3.8(THR), After THR.

CSEM 20 09:22:32.6, 0.1, 3135N-5010E, h40km, ML3.9, Error ellipse: s-maj=2.8km s-min=1.9km az=25.0

THR 20 09:22:32.2, 1.2, 3125N-5008E, h41km, 18km, ML3.8

ISCJB 20 09:22:33.4, 0.4, 3131N-5015E, h0.3, h48km, 6km, mb3.7/12, Error ellipse: s-maj=5.6km s-min=4.9km az=168.1

ISC 20 09:22:34.8, 0.3, 3131N-5015E, h0.3, h43km, 6km, n64, @0917/0, mb3.7/12, 3C-4D, Northern and central Iran

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

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

ISCJB 20 09:25:30.6, 1.7, 2505S-008-1769W, h2, h64km, 18km, mb3/9, Error ellipse: s-maj=26.0km s-min=12.5km az=14.9

IDC 20 09:25:32.1, 2.7, 2510S-17681W, h66km, 22km, mb4.0/6, mb1.4/2.7, mb1mx3.9/17, mbtmp4.2/7, Error ellipse: s-maj=25.8km s-min=18.2km az=88.0

NEIC 20 09:25:33.4, 1.4, 2497S-17681W, h79km, 16km, mb4.4/5, Error ellipse: s-maj=22.0km s-min=13.6km az=105.0

ISC 20 09:25:32.5, 1.3, 2504S-008-1769W, h2, h63km, 15km, n19, @19/10, mb4.3/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, AFI, URZ, CTA, etc.

BUI 20 09:33:32.6, 2340N-6440E, h10km, mb4.8, mb4.4

IDC 20 09:33:33.1, 1.1, 2336N-6441E, h0km, mb3.8/11, mb1.3/9/11, mb1mx3.8/24, mbtmp3.8/11, MS3.5/10, MS1.3/5/10, ms1mx3.2/31, Error ellipse: s-maj=25.6km s-min=23.4km az=84.0

NEIC 20 09:33:34.7, 0.7, 2337N-6437E, h10km, mb4.2/6, Error ellipse: s-maj=12.7km s-min=10.7km az=209.0

CSEM 20 09:33:34.7, 2337N-6437E, h10km, mb4.0/1, After NEIC

ISCJB 20 09:33:35.8, 0.8, 234N-0.6, h6433E, h0.8, h33km, mb3.8/13, MS3.5/10, Error ellipse: s-maj=15.6km s-min=10.6km az=12.2

ISC 20 09:33:38.2, 0.9, 234N-0.1, 6439E, h0.09, h35km, n37, @094/30, mb3.8/13, MS3.5/10, Off coast of Pakistan

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

Table with columns: CBU, Sn, S, 1259 58.3 -11, etc. Lists various station codes and their associated data.

IDC 20 13:22:57.3-0.7, 175S-99.74E, h0km, mb2.4/15, mb1.4/3.15, mb1mx4.1/25, mbtmp4.2/15, MS3.6/2, MS1.3/6.2, ms1mx3.0/32, Error ellipse: s-maj=29.5km s-min=15.2km az=54.0

ISZCJB 20 13:22:59.6-6.3, 175.01+99.9E.02, h28km, 43km, mb4.3/20, MS3.6/2, Error ellipse: s-maj=29.4km s-min=14.3km az=145.6

NEIC 20 13:23:02.7-2.4, 176S-99.81E, h38km, 20km, mb4.4/5, Error ellipse: s-maj=24.1km s-min=10.7km az=56.0

NEIC Felt [I] at Padang and Painan.

DJA 20 13:23:06, 163S-99.79E, h50km, ML4.6/2

ISZC 20 13:23:03.0-2.6, 175.01+99.9E.01, h38km, 23km, n30, c0867/24, mb4.3/20, MS3.6/2, Southern Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station codes like KULM, WRA, ASAR, etc.

IDC 20 13:37:00.5-1.4, 2338N-64.54E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/24, mbtmp3.7/4, MS3.1/3, MS1.3/1.3, ms1mx2.8/38, Error ellipse: s-maj=39.8km s-min=31.4km az=145.0

NEIC 20 13:37:02.0-1.1, 2339N-64.49E, h10km, mb3.7/2, Error ellipse: s-maj=31.4km s-min=19.7km az=124.0

ISZCJB 20 13:37:03.7-1.3, 235N-62.645E.02, h32km, mb3.4/3, MS3.0/3, Error ellipse: s-maj=36.5km s-min=23.3km az=35.2

ISC 20 13:37:05.9-1.3, 234N-62.645E.02, h35km, n9, c085/6, mb3.4/3, MS3.0/3, Off coast of Pakistan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station codes like UCH, AAK, AAK, etc.

NEIC 20 13:57:02.1-2.7, 9.77S-119.45E, h69km, 27km, mb4.0/1, Error ellipse: s-maj=28.2km s-min=14.1km az=71.0

BJI 20 13:57:02.0, 9.80S-119.40E, h68km, mb4.9, mb4.6

DJA 20 13:57:04, 9.78S-119.67E, h75km, ML4.3/5

IDC 20 13:57:04.7-5.1, 9.66S-119.60E, h95km, 49km, mb3.9/7, Error ellipse: s-maj=22.2km s-min=14.2km az=71.0

mb1.3/9.10, mb1mx3.8/19, mbtmp3.9/10, MS4.7/1, MS1.4/7.1, ms1mx3.2/22, Error ellipse: s-maj=46.6km s-min=19.7km az=74.0

ISZCJB 20 13:57:05.8-1.9, 9.70S-119.8E.01, h124km, 18km, mb4.0/9, Error ellipse: s-maj=24.2km s-min=10.5km az=149.2

ISC 20 13:57:04.1-2.6, 9.74S-119.6E.02, h90km, 26km, n20, c073/24, mb4.0/9, Sumba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station codes like BATI, BATI, FITZ, etc.

MK31 Makanchi Array 65.39 333 eP P 14 07 37.4 +0.4

IFAR Makanchi Array 65.39 333 P P 14 07 37.1 +0.1

AFI Afiamalu 67.07 101 LR LR 14 35 16.7

KURK Kurchatov 69.93 334 eP P 14 08 06.0 +0.5

ZALV Zalesovo Beam 69.95 339 P P 14 08 04.5 -1.0

PETK Petropavlovsk-70 75.23 P P 14 08 03.8 -0.6

BVAR Borovoye Array 75.24 332 P P 14 08 36.9 -0.0

AKTK Aktyubinsk 80.19 325 P P 14 09 04.1 -0.4

AKTO Aktyubinsk 80.19 325 P P 14 09 04.1 -0.4

NIED 20 14:00:00, 3520N-141.30E, h35km, Mw5.1 Best double couple: M5.26000x1016 NP1.0e351.00000, delta69.00000, 1.80.00000, NP2.0e196.00000, delta3.00000, 1.14.00000

IDC 20 14:00:21.6-0.4, 3522N-141.19E, h0km, mb4.7/26, mb1.4/8.30, mb1mx4.8/33, mbtmp4.8/30, ML4.5/3, MS4.4/24, MS1.4/4.24, ms1mx4.3/35, Error ellipse: s-maj=13.9km s-min=10.3km az=96.0

SZGRF 20 14:00:23.6, 34.94N-142.13E, h33km, mb5.3, MS4.6, Off east coast of Honshu, Japan

BJI 20 14:00:24.6, 35.26N-141.09E, h35km, mb5.1, mb4.9, MS4.9, MS2.7

DJA 20 14:00:24, 35.16N-141.33E, h10km, mb5.6/34

JMA 20 14:00:25.7-0.2, 35.24N-141.30E, h25km, 3km, M5.0 JMA Felt J1

MOS 20 14:00:25.8-0.8, 35.56N-141.11E, h24km, mb5.4/78, MS4.6/31, Error ellipse: s-maj=9.5km s-min=4.1km az=110.4

GCMT 20 14:00:27.8-0.3, 35.13N-141.61E, h34km, Mw5.1/73, Moment Tensor Solution: 649, 669, s73 c114, Duration: 0 Moment tensor: Scalar 1016Nm; Mo3.93e18; Mw0.11e12; Mw-4.05e12; Mo0.40e16; Mw-1.02e08; Mw2.98e13; Best double couple: M5.09200x1016 NP1.0e197.00000, delta27.00000, delta96.00000, NP2.0e196.00000, delta3.00000, 1.14.00000, Principal axes: T 4.9210, P1g72.00000, Azm272.00000; N 0.3330, P1g3.00000, Azm11.00000; P -5.2630, P1g18.00000, Azm12.00000; nstai refers to body waves, cutoff=40s. nstae refers to surface waves, cutoff=50s.

NEIC 20 14:00:27.8-0.8, 35.19N-141.13E, h39km, 6km, mb5.2/105, MS4.7/77, Mw5.1/116, Error ellipse: s-maj=4.1km s-min=3.9km az=133.0

NEIC Recorded [I JMA] in China and Ibaraki Prefectures.

ISCJB 20 14:00:27.5-0.3, 35.21N-141.08E.002, h47km, 2km, mb5.1/194, MS4.7/37, Error ellipse: s-maj=3.9km s-min=2.9km az=167.6

ISC 20 14:00:28.8-0.3, 35.22N-141.07E.002, h44km, 2km, h57km, 5.7km, pP-P, n750, c081/747, mb5.1/194, MS4.7/52, 166C-113D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station codes like CHJO, CHJO, BOSO, etc.

Table with columns: JAW, JGM, JSD, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

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Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns: ERM, ERM, ERM, etc. Lists station codes and their associated data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB Hyperabad, ASAR Alice Springs, ASAR comp=Z,10nm,1.2s, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YBH comp=Z,5.0nm,1.0s, YBH Yreka Blue Hor, YBH Yreka Blue Hor, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG comp=Z,706nm,19.4s, S05C Merced, KIEV Kiev, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like La Chapelle, Lormes, Saint Sauveur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Ste Croix, Cathedrale Cave, Ste Croix, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like URZ Urewera, CTA Charters Tower, CTAO Charters Tower, etc.

Text block containing station identifiers and coordinates: IDC 20 14:04:11.3z 1.5z 3528N:141 35E, h0km, mb4.1/5, Mb1 4.2/0, mb1mx3.9/26, mbtmp4.1/9, ML3.8/4, MS4.1/2, Mb1 4.1/2, mb1mx3.5/33, Error ellipse: s-maj=40.6km s-min=17.7km az=79.0

Text block containing station identifiers and coordinates: JMA 20 14:04:11.0z 1.5z 3513N:141 59E, h20km, M3.7, ISCBJ 20 14:04:12.6z 0.0z 3522N:141 60E, 0.09, h33km, mb4.3/7, Error ellipse: s-maj=11.1km s-min=6.8km az=171.2

Text block containing station identifiers and coordinates: MOS 20 14:04:12.9z 1.7z 3540N:141 78E, h33km, mb4.7/1, Error ellipse: s-maj=28.5km s-min=16.4km az=126.0, NEIC 20 14:04:15.7z 1.6z 3542N:141 66E, h35km, mb4.6/1, Error ellipse: s-maj=47.4km s-min=16.0km az=55.0

Text block containing station identifiers and coordinates: IDC 20 14:04:14.9z 0.7z 3526N:140 47E, 0.09, h35km, n22, r1512/25, mb4.3/7, Near east coast of eastern Honshu

Text block containing station identifiers and coordinates: ISCBJ 20 14:11:19.9z 1.5z 208S:01z 178 5W, 0.1, h522km, 26km, mb3.7/8, Error ellipse: s-maj=24.3km s-min=16.5km az=141.8

Text block containing station identifiers and coordinates: NIED 20 14:13:00.3520N:141 20E, h26km, Mw4.5, Best double couple: M7.19000:1015 NP1.0z 348.00000z, 871.00000z, 769.00000z, NP2.0z 216.00000z, 828.00000z, 135.00000z

Text block containing station identifiers and coordinates: JMA 20 14:13:21.6z 0.2z 3521N:141 24E, h27km, 4km, M4.5, NEIC 20 14:13:22.3z 0.4z 3522N:141 27E, h35km, mb4.7/10, MW4.5(NIED), Error ellipse: s-maj=9.0km s-min=7.7km az=157.0

Text block containing station identifiers and coordinates: IDC 20 14:13:20.1z 0.9z 3519N:003z 141 35E, h20km, 5km, n78, r1948/27, mb4.4/34, MS3.6/2, 11C-12, Near east coast of eastern Honshu

Text block containing station identifiers and coordinates: JMA 20 14:04:11.0z 1.5z 3513N:141 59E, h20km, M3.7, ISCBJ 20 14:04:12.6z 0.0z 3522N:141 60E, 0.09, h33km, mb4.3/7, Error ellipse: s-maj=11.1km s-min=6.8km az=171.2

Text block containing station identifiers and coordinates: MOS 20 14:04:12.9z 1.7z 3540N:141 78E, h33km, mb4.7/1, Error ellipse: s-maj=28.5km s-min=16.4km az=126.0, NEIC 20 14:04:15.7z 1.6z 3542N:141 66E, h35km, mb4.6/1, Error ellipse: s-maj=47.4km s-min=16.0km az=55.0

Text block containing station identifiers and coordinates: IDC 20 14:04:14.9z 0.7z 3526N:140 47E, 0.09, h35km, n22, r1512/25, mb4.3/7, Near east coast of eastern Honshu

Text block containing station identifiers and coordinates: ISCBJ 20 14:11:19.9z 1.5z 208S:01z 178 5W, 0.1, h522km, 26km, mb3.7/8, Error ellipse: s-maj=24.3km s-min=16.5km az=141.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Baumata, Danni, KOLL, TKM2, WRAB, etc.

IDC 20 15:46:41.0.2.1, 620S, 14781E, h0km, mb3.9/2, mb1 4.1/4, mb1mx3.7/15, mbtmp4.1/4, ML4.1/2, Error ellipse: s-maj=46.9km s-min=36.2km az=147.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, WRA, ASAR, STKA, TORO, etc.

MAN 20 15:47:38, 1291N, 12592E, h31km, mb4.9, ML3.8, MS3.8, 1D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNP, BESP, PVCP, MSLP, GUIM, CAUP, etc.

IDC 20 15:50:18.9.2.7, 706S, 12652E, h434km, 45km, mb3.0/4, mb1 2.8/6, mb1mx3.2/6, mbtmp2.7/6, Error ellipse: s-maj=58.3km s-min=24.5km az=51.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI, WRA, ASAR, SONM, PETK, MKAR, ZALV, etc.

IDC 20 15:53:50.6.1.6, 3517N, 141.42E, h0km, mb3.6/3, mb1 3.6/7, mb1mx3.4/25, mbtmp3.7/7, ML3.3/4, Error ellipse: s-maj=40.0km s-min=20.7km az=82.0

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

TRN 20 16:03:27.2, 963N, 6235W, h35km, MD2.9, ISCJB 20 16:03:31.5, 0.6, 1036N, 005.6249W, 003, h26km, 6km, Error ellipse: s-maj=6.8km s-min=4.7km az=161.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUVI, GUNV, CRUV, TCE, TRN, etc.

NIED 20 16:16:00, 4150N, 14200E, h59km, Mw3.6 Best double couple: M2.77000, 1014 NP1.9270000, 870.00000, 7.86.00000, NP2.9270000, 820.00000, 7.102.00000

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, CTA, WRAB, WB2, WRA, ASAR, GUMO, STKA, etc.

IDC 20 16:16:16.10.6.0.9, 4157N, 14205E, h73km, 11km Error ellipse: s-maj=17.4km s-min=11.6km az=116.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOT, JKT, JTM, JNBK, JNSK, JEM, JANG, etc.

IDC 20 16:16:09.6.0.4, 4147N, 14203E, h73km, 4km, n36, 0575/48, mb3.7/1, 1C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOT, JKT, JTM, JNBK, JNSK, JEM, JANG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRU, COLL, OKK, OJC, NOVY, KHC, MOX, MOD, BSH, STHS, etc.

IDC 20 16:43:49.2.0.9, 922S, 15029E, h0km, mb4.0/10, mb1 4.1/11, mb1mx4.1/14, mbtmp4.0/11, ML3.5/1, MS3.3/5, Ms1 3.3/5, ms1mx3.2/21, Error ellipse: s-maj=34.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, CTA, WRAB, WB2, WRA, ASAR, GUMO, STKA, etc.

IDC 20 16:51:45.4.1.4, 3524N, 004.14168E, 009, h28km, 9km, mb3.9/3, Error ellipse: s-maj=12.1km s-min=7.0km

IDC 20 16:51:45.5.1.6, 3521N, 04139E, h0km, mb3.7/3, mb1 3.8/7, mb1mx3.6/25, mbtmp3.8/7, ML3.6/4, Error ellipse: s-maj=39.4km s-min=19.6km az=79.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO1, CHOI, BSO3, KTR, BSO4, JCN, JYT, JHJ, etc.

IDC 20 16:57:19.7.3.5, 3520N, 141.58E, h0km, mb3.4/2, mb1 3.4/4, mb1mx3.2/23, mbtmp3.2/4, ML2.9/2, MS3.5/1, Ms1 3.5/1, ms1mx2.4/22, Error ellipse: s-maj=72.8km s-min=35.7km az=52.0

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ERON Agron, PMPs Porto Santo, MIF Mishlifien, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ETOR, ECHE Chera, CFUE Fuerteventura, ELAN Lanestosa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SSF Saint Saulge, GERES GERESS Array, COLL Colim, etc.

s-min=8.7km az=81.0
 FUNV 20 19:04:08.1, 7.17N, 72.20W, h5km, MW5.3
 CASC 20 19:04:14.3, 2.4, 7.65N, 72.57W, h22km, ML4.2, mb5.2(NEIC)
 ISC 20 19:04:07.4, 0.1, 7.14N, 002.717W, 001, h25km, h25km, 4km; pP, n1048, 0577/1020, mb5.2/227, MS4.5/51, 202C-171D, Northern Colombia

Code	Station Name	Δ°	Phase	ID	Time	Res
CAVU	Capacho	0.73 348f	Op	ISC	19 04 27.2	-0.3
CAVU	Capacho	0.73 348f	eS	Sb	19 04 30.9	-0.3
CAVU	Capacho	0.73 348f	eP	Sb	19 04 21.2	-0.3
CAVU	Capacho	0.73 348f	iP	Sb	19 04 31.0	-0.1
BARC	Barichara	1.12 244f	iP	Sb	19 04 28.5	+1.0
BARC	Barichara	1.12 244f	eS	Sb	19 04 25.9	+0.6
OCAC	Ocana	1.58 314f	iP	Sb	19 04 35.7	+1.7
OCAC	Ocana	1.58 314f	eS	Sb	19 04 55.9	+2.5
OCAC	Ocana	1.58 314f	eP	Sb	19 04 35.6	+1.8
OCAC	Ocana	1.58 314f	eP	Sb	19 04 55.5	+2.1
SOCV	Socops	1.72 49f	eP	Sb	19 04 38.0	+2.2
SOCV	Socops	1.72 49f	eP	Sb	19 05 02.9	+5.8
SOCV	Socops	1.72 49f	eP	Sb	19 04 38.1	+2.3
SOCV	Socops	1.72 49f	eP	Sb	19 04 38.2	+2.3
SOCV	Socops	1.72 49f	eP	Sb	19 05 02.8	+5.7
VIKV	El Vigia	1.86 25f	eP	Sb	19 04 39.5	+1.7
VIKV	El Vigia	1.86 25f	eP	Sb	19 05 02.5	+4.7
SDV	Santo Domingo	2.30 41	eP	Sb	19 04 46.4	+2.7
SDV	Santo Domingo	2.30 41	eP	Sb	14 11m, 0.3s, baz=228, slow=11, SNR=406	
SDV	Santo Domingo	2.30 41	eP	Sb	19 05 20.0	
SDV	Santo Domingo	2.30 41	eP	Sb	19 04 46.1	+2.3
SDV	Santo Domingo	2.30 41	eP	Sb	19 05 17.7	+6.4
ELOW	Elorza	2.67 93f	iP	Sb	19 04 51.0	+2.3
ELOW	Elorza	2.67 93f	eP	Sb	19 04 51.0	+2.3
ROSC	El Rosal	3.13 224f	eP	Sb	19 04 58.6	+3.4
ROSC	El Rosal	3.13 224f	eP	Sb	19 05 48.7	
ROSC	El Rosal	3.13 224f	eP	Sb	19 04 58.9	+3.7
ROSC	El Rosal	3.13 224f	eP	Sb	19 04 58.2	+0.1
QARV	Quebrada Arrib	3.45 28f	eP	Sb	19 05 09.9	+1.4
QARV	Quebrada Arrib	3.45 28f	eP	Sb	19 05 01.1	+1.1
SANR	Sanarito	4.05 48f	eP	Sb	19 05 01.1	+1.1
CURV	Curarigua	3.59 37f	eP	Sb	19 05 02.9	+1.4
CURV	Curarigua	3.59 37f	eP	Sb	19 05 03.3	+1.8
DABV	Dabajuro	4.05 22f	eP	Sb	19 05 08.9	+1.1
DABV	Dabajuro	4.05 22f	eP	Sb	19 05 08.9	+1.1
TOLC	Tolima	4.05 231f	eP	Sb	19 05 13.7	+1.4
TOLC	Tolima	4.05 231f	eP	Sb	19 05 10.0	+2.1
TEPV	Terepaima	4.06 46f	eP	Sb	19 05 09.9	+1.6
TEPV	Terepaima	4.06 46f	eP	Sb	19 05 09.9	+1.9
SIQV	Siquisique	4.19 34f	eP	Sb	19 05 11.2	+1.4
PRAC	Prado	4.38 219f	eP	Sb	19 05 13.7	+1.4
PRAC	Prado	4.38 219f	eP	Sb	19 05 13.7	+1.4
BAUV	El Baul	4.46 66f	iP	Sb	19 06 31.2	
BAUV	El Baul	4.46 66f	iP	Sb	19 06 05.6	+1.9
CAUV	San Jose del G	4.59 18f	eP	Sb	19 05 16.8	+1.5
CAUV	Puerto Ayacucho	4.80 111f	eP	Sb	19 05 27.4	+2.5
CAUV	El CAFE	5.11 52f	eP	Sb	19 05 24.2	+1.8
JACV	Jacura	5.12 40f	eP	Sb	19 05 24.1	+1.5
JACV	Jacura	5.12 40f	eP	Sb	19 05 24.2	+1.7
SOLC	Bahia Solano	5.21 262f	iP	Sb	19 05 27.7	+2.5
SOLC	Bahia Solano	5.21 262f	iP	Sb	19 05 27.8	+2.5
TURV	Turiamo	5.39 52f	eP	Sb	19 05 27.3	+1.1
TURV	Turiamo	5.39 52f	eP	Sb	19 05 27.6	0.0
TURV	Turiamo	5.39 52f	eP	Sb	19 05 27.6	+1.3
TURV	Turiamo	5.39 52f	eP	Sb	19 05 28.4	+0.8
CAOV	Caicara del Or	5.73 58f	eP	Sb	19 05 32.7	+1.8
CAOV	Caicara del Or	5.73 58f	eP	Sb	19 05 32.8	+0.9
BOTV	Botiquin	5.87 56f	eP	Sb	19 05 35.0	+2.2
MALC	Bahia Malaga	6.01 239f	eP	Sb	19 05 38.1	+3.3
IVIV	IVIC	6.07 57f	eP	Sb	19 05 36.8	+1.2
IVIV	IVIC	6.07 57f	eP	Sb	19 05 37.1	+1.9
FCVU	OCUMARITO	6.15 56f	eP	Sb	19 05 38.4	+1.5
FCVU	FORTIN DE LA C	6.17 70f	eP	Sb	19 05 37.5	+0.4
MERV	Las Mercedes	6.24 58f	eP	Sb	19 05 39.1	+1.2
FUNV	FUNVISI	6.24 58f	eP	Sb	19 06 47.4	-1.1
LLAV	El Llanito	6.24 58f	eP	Sb	19 05 39.7	+1.8
LLAV	El Llanito	6.24 58f	eP	Sb	19 05 49.2	+0.7
FLOC	Florencia	6.57 212f	iP	Sb	19 05 43.0	+0.5
FLOC	Florencia	6.57 212f	iP	Sb	19 05 42.9	+0.3
BIRV	Birongo	6.70 60f	eP	Sb	19 05 45.1	+0.8
BIRV	Birongo	6.70 60f	eP	Sb	19 05 58.0	-1.9
BIRV	Birongo	6.70 60f	eP	Sb	19 05 45.2	+0.9
BIRV	Birongo	6.70 60f	eP	Sb	19 05 45.1	+0.1
CUPV	Cospira	6.94 65f	iP	Sb	19 05 48.3	+0.7
CUPV	Cospira	6.94 65f	iP	Sb	19 07 04.5	-1.2
CRUC	La Cruz	7.36 221f	eP	Sb	19 05 57.5	+2.3
PRGV	PARIAGUAN	7.62 77f	eP	Sb	19 05 56.7	-0.2
BCIP	Isla Barro Col	8.18m, 0.3s	eP	Sb	19 05 59.9	-0.2
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	19 06 02.9	+0.4
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	17 00m, 0.3s, baz=221, slow=5.1, SNR=115	
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	19 07 35.8	+3.2
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	63m, 0.3s, baz=293, slow=21, SNR=3.3	
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	88m, 0.3s, baz=222, slow=22, SNR=4.0	
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	comp=Z, 5um, 19.3s, baz=87, slow=41	
PCRV	Puerto La Cruz	8.03 67f	eP	Sb	19 06 02.7	+0.2
CUMC	Navado Cumbal	8.37 223f	eP	Sb	19 06 09.8	+2.6
IBAV	Isla La Blanqu	8.81 58f	eP	Sb	19 06 12.4	-0.9
GURV	El Guri	9.03 86f	eP	Sb	19 06 15.1	-1.1
OTAV	Otavalo	9.29 223f	eP	Sb	19 06 22.2	+2.4
CRUV	Carupano	9.49 68f	eP	Sb	19 06 23.0	+0.3
GUNV	Guanoco	9.60 71f	eP	Sb	19 06 23.7	-0.3
RIOV	Rio Grande	10.30 84f	eP	Sb	19 06 32.8	-0.9
GUIV	Guiría	10.42 70f	eP	Sb	19 06 35.1	-0.2
LUEV	Luepa	10.71 96f	eP	Sb	19 07 01.6	-1.3
TCE	Chacachacare	10.88 70f	eP	Sb	19 06 48.5	+7.0
TPP	Poinde-a-Pierr	11.05 73f	eP	Sb	19 06 50.6	+6.6
TRN	Trinidad (W)	11.19 71f	eP	Sb	19 06 52.5	+6.7
BRH	Brigand Hill	11.46 72f	eP	Sb	19 06 49.9	+0.4
GRHV	Grenville	11.49 64f	eP	Sb	19 06 46.6	-3.4
BUS	Buena Vista	11.72 283f	eP	Sb	19 06 54.6	+1.5
STH	Stony Hill	11.77 338f	eP	Sb	19 06 55.6	+1.8
URSC	Urasca	11.79 284f	eP	Sb	19 06 56.5	+2.3
SDDR	Presa de Saban	11.80 4f	eP	Sb	19 06 55.3	+1.1
TPR	Prospect	11.94 70f	eP	Sb	19 06 57.0	+0.8
LCR2	La Lucha 2	11.99 283f	eP	Sb	19 06 58.5	+1.7
QCR	Quepos	12.09 282f	eP	Sb	19 07 00.4	+2.2
CVJ	Coleyville	12.20 335f	eP	Sb	19 07 01.2	+1.8
BBJ	Bambuco Saint A	12.23 337f	eP	Sb	19 07 01.1	+1.6
BRJ	Barriles	12.34 284f	eP	Sb	19 07 05.3	+3.7
SJG	San Juan	12.38 28f	eP	Sb	19 07 00.3	-1.8
SJG	San Juan	12.38 28f	eP	Sb	7.5m, 0.3s, baz=226, slow=12, SNR=24	
SJG	San Juan	12.38 28f	eP	Sb	19 09 14.7	-4.6
SJG	San Juan	12.38 28f	eP	Sb	19 07 00.7	-2.0
CPD	Cerro La Pandu	12.42 29f	eP	Sb	19 07 00.7	-2.1
CPD	Cerro La Pandu	12.42 29f	eP	Sb	comp=Z, 109nm, 0.7s, baz=236, slow=41	
CPD	Cerro La Pandu	12.42 29f	eP	Sb	19 07 00.3	-1.8
MTP	Monte Pirata	12.65 30f	eP	Sb	19 07 00.3	-1.8
BIM	Bigot	13.13 25f	eP	Sb	19 07 19.9	+7.6
FDV	Fort de France	13.18 54f	eP	Sb	19 07 10.9	-2.2
MVM	Montagne Vauc	13.29 55f	eP	Sb	19 07 15.4	+0.8
TBG	Guadaloupe C	13.45 49f	eP	Sb	19 07 14.6	-2.2
LMGC	Las Mercedes	13.68 340f	eP	Sb	19 07 21.4	+1.6
MOAC	Moa	13.71 349f	eP	Sb	19 07 23.1	+2.8
MOAC	Moa	13.71 349f	eP	Sb	comp=Z, 210	
MOAC	Moa	13.71 349f	eP	Sb	19 09 42.6	-9.2
BOAB	BOAC BROADBAN	31 293f	eP	Sb	19 07 28.8	+0.2
ATAH	Atahualpa	15.36 204f	eP	Sb	19 07 44.4	+1.7
ATAH	Atahualpa	15.36 204f	eP	Sb	comp=E, 1.5m, 0.3s, baz=22, slow=9.5, SNR=48	

ATAH	Atahualpa	15.36 204f	eP	Sb	19 12 11.2	
TGUH	Tegucigalpa	16.36 296f	eP	Sb	19 07 55.0	-0.5
TGUH	Tegucigalpa	16.36 296f	eP	Sb	19 07 58.9	
MGV	Manicaragua	16.68 334f	eP	Sb	19 08 03.2	+3.7
MGV	Manicaragua	16.68 334f	eP	Sb	19 10 53.0	-1.1
MGV	Manicaragua	16.68 334f	eP	Sb	comp=N, 43nm, 3.6s	
MGV	Manicaragua	16.68 334f	eP	Sb	comp=E, 75nm, 3.6s	
SOR	Soroa	18.74 327f	eP	Sb	19 08 26.0	+1.0
NNA	Nana	19.57 194f	eP	Sb	19 08 33.8	-1.2
NNA	Nana	19.57 194f	eP	Sb	comp=E, 8.2nm, 0.3s, baz=360, slow=13, SNR=3.8	
PAYG	Puerto Ayacucho	19.68 247f	eP	Sb	19 08 35.7	-0.7
TEIG	Tepeich	20.32 311f	eP	Sb	19 08 43.0	+1.1
TEIG	Tepeich	20.32 311f	eP	Sb	comp=E, 4.1nm, 0.7s, baz=134, slow=7.4, SNR=15	
CEIG	Comitan	21.54 297f	iP	Sb	19 08 54.6	-0.5
DWPF	Disney	22.62 338f	eP	Sb	19 09 05.0	-1.5
ARE	Arequipa	23.46 178f	eP	Sb	19 09 15.0	-0.4
LPAZ	La Paz	23.62 170f	eP	Sb	19 09 17.8	+0.9
LPAZ	La Paz	23.62 170f	eP	Sb	comp=Z, 33nm, 0.7s, mb4.9, baz=357, slow=9.6, SNR=104	
LPAZ	La Paz	23.62 170f	eP	Sb	19 13 31.5	+1.7
LPAZ	La Paz	23.62 170f	eP	Sb	comp=E, 6.3nm, 0.8s, baz=73, slow=17, SNR=1.7	
LPAZ	La Paz	23.62 170f	eP	Sb	19 16 29.2	
LPAZ	La Paz	23.62 170f	eP	Sb	comp=E, 22nm, 0.9s, baz=313, slow=19, SNR=2.3	
LPAZ	La Paz	23.62 170f	eP	Sb	19 19 19.1	
LPAZ	La Paz	23.62 170f	eP	Sb	comp=E, 2.0m, 20.8s, MS4.5, baz=184, slow=39	
LPAZ	La Paz	23.62 170f	eP	Sb	19 09 17.8	+1.0
TUIG	Tuzandepet	24.24 299f	eP	Sb	19 13 31.5	+1.7
CMIG	Matias Romero	24.29 296f	eP	Sb	19 09 21.9	-0.7
CMIG	Matias Romero	24.29 296f	eP	Sb	19 09 18.9	-4.1
CMIG	Matias Romero	24.29 296f	eP	Sb	comp=Z, 3.4nm, 0.7s, baz=81, slow=6.8, SNR=6.5	
CMIG	Matias Romero	24.29 296f	eP	Sb	19 13 02.9	+0.1
CMIG	Matias Romero	24.29 296f	eP	Sb	comp=E, 8.1nm, 0.9s, baz=53, slow=1.6, SNR=4.1	
CMIG	Matias Romero	24.29 296f	eP	Sb	19 20 48.8	
OXX	Ortiz	25.83 295f	eP	Sb	19 09 40.0	+2.1
VHO	Vista Hermosa	25.94 245f	eP	Sb	19 09 39.7	+1.7
COW	Cow Castle Cre	27.38 398f	eP	Sb	19 09 50.6	+0.7
GOGA	Godfrey	28.18 340f	eP	Sb	19 09 58.6	+0.8
GOGA	Godfrey	28.18 340f	eP	Sb	comp=Z, 19nm, 0.7s, mb4.8	
GOGA	Godfrey	28.18 340f	eP	Sb	19 09 58.6	+0.8
JSC	Jenkinsville	28.28 344f	eP	Sb	19 09 59.9	+1.0
PPM	Popocatepetl	28.32 297f	eP	Sb	19 10 00.5	+1.7
IO	Organos	28.55 298f	iP	Sb	19 10 03.4	+1.6
CAIG	El Cayaco	29.15 292f	eP	Sb	19 10 07.7	+0.9

X16A	baz=45,SNR=37 Lo Mia Camp, P	45.21 312	↑P	P	19 12 23.1 +0.5
Z15A	baz=45,SNR=23 Gila River Ind	45.23 311	↑P	P	19 12 22.9 +0.1
PV10	baz=45 Paradox Valley	45.55 319	eP	P	19 12 25.4 +0.2
W16A	baz=45 Flagstaff	45.59 313	↑P	P	19 12 26.5 +0.9
Y15A	baz=46,SNR=16 Casa Rosa Ranch	45.65 311	↑P	P	19 12 26.5 +0.4
AGM9	baz=46,SNR=47 Agassiz Refuge	45.67 338	eP	P	19 12 25.2 -0.8
WUAZ	comp=Z,33nm,0.8s,mb5.3 Wupatki	45.68 314	↑P	P	19 12 26.9 +0.6
WUAZ	baz=46,SNR=32 Wupatki	45.68 314	eP	P	19 12 26.5 +0.2
U17A	comp=Z,88nm,0.9s,mb5.7 Shonto	45.71 316	↑P	P	19 12 26.7 +0.2
U16A	baz=46,SNR=12 Tuba City	45.81 315	↑P	P	19 12 27.8 +0.5
X15A	baz=46,SNR=43 Humboldt	45.82 312	↑P	P	19 12 28.0 +0.5
Z14A	baz=46,SNR=21 Wintersburg	45.85 310	↑P	P	19 12 28.0 +0.3
Q19A	baz=46,SNR=38 Hogan Spring (	46.01 319	↑P	P	19 12 29.2 +0.3
R18A	baz=46 Canyonlands Na	46.12 318	↑P	P	19 12 29.5 -0.3
Y14A	baz=46,SNR=46 Wickonto	46.15 311	↑P	P	19 12 30.2 +0.2
RSSD	baz=46,SNR=46 Black Hills	46.16 328	eP	Pmax	19 12 29.6 -0.4
RSSD	comp=Z,21nm,0.8s,mb5.1 Black Hills	46.16 328	eP	Pmax	19 12 29.6 -0.4
W15A	comp=Z,21nm,0.8s,mb5.1 Williams	46.16 313	↑P	P	19 12 30.8 +0.6
N13A	baz=46,SNR=16 Mohawk Valley,	46.23 309	↑P	P	19 12 30.5 -0.3
X14A	baz=46,SNR=13 Yava	46.30 312	↑P	P	19 12 31.5 +0.3
RWWY	baz=46,SNR=19 Rawlins	46.34 324	eP	P	19 12 32.1 +0.6
V15A	comp=Z,69nm,1.0s,mb5.9 Kaibab Nationa	46.39 314	P	P	19 12 33.1 +1.2
T16A	baz=46,SNR=98 Glen Canyon Da	46.48 316	↑P	P	19 12 33.2 +0.5
Y13A	baz=46,SNR=5.5 Salome	46.71 311	↑P	P	19 12 34.5 0.0
U15A	baz=47,SNR=15 North Rim	46.77 314	P	P	19 12 35.9 +1.0
W14A	baz=47,SNR=59 Seligman	46.77 313	P	P	19 12 35.6 +0.7
V14A	baz=47,SNR=44 Boquillas Ranc	46.98 313	P	P	19 12 37.4 +0.9
X13A	baz=47,SNR=65 Yuca	47.05 311	P	P	19 12 37.1 0.0
T15A	baz=47,SNR=10.0 Red Dirt Ranch	47.11 315	↑P	P	19 12 38.2 +0.7
PDMCI	baz=47,SNR=14 Parker Dam,Lak	47.15 311	↑P	P	19 12 37.7 -0.3
GLA	baz=47 Glamis	47.16 309	eP	Pmax	19 12 38.1 +0.1
GLA	comp=Z,60nm,1.1s,mb5.4 Glamis	47.16 309	↑P	Pmax	19 12 38.1 +0.1
GLA	baz=47,SNR=22 Glamis	47.16 309	eP	P	19 12 38.1 +0.1
Y12C	comp=Z,60nm,1.1s,mb5.4 Blythe	47.21 310	↑P	P	19 12 38.2 -0.2
Q16A	baz=47,SNR=7.2 Castle Valley	47.25 318	↑P	P	19 12 38.6 +0.1
W13A	baz=47,SNR=5.8 Hualapai Mount	47.31 312	↑P	P	19 12 39.6 +0.5
U18A	baz=47,SNR=11 Lac du Bonnet	47.31 339	P	P	19 12 37.8 -1.1
ULM	comp=Z,41nm,0.9s,mb5.3,ba=143,slow=7.8,SNR=35 LR	47.33 360	LR	P	19 33 36.0
U14A	comp=Z,801nm,18.8s,MS4.7,ba=157,slow=37 Mt Trumbull	47.39 314	↑P	P	19 12 40.4 +0.7
S15A	baz=47,SNR=44 Panguitch	47.42 316	↑P	P	19 12 40.3 +0.3
T14A	baz=47,SNR=6.2 Hurricane	47.63 315	↑P	P	19 12 42.2 +0.6
R15A	baz=48,SNR=13 Junction	47.63 317	↑P	P	19 12 42.0 +0.4
PLCA	baz=48,SNR=12 Paso Flores	47.66 178	P	P	19 12 40.6 -1.0
PLCA	comp=Z,74nm,0.9s,mb5.7,ba=356,slow=8.6,SNR=74 LR	47.66 178	LR	P	19 33 42.0
NEE2	comp=Z,362nm,21.2s,MS4.3,ba=360,slow=37 Needles Airpor	47.71 311	↑P	P	19 12 42.0 -0.3
MSU	baz=48 Marysvalle	47.71 317	eP	P	19 12 42.7 +0.5
V13A	baz=48,SNR=22 Grand Canyon W	47.71 313	P	P	19 12 42.8 +0.5
SCHQ	comp=Z,16nm,0.8s,mb5.1,ba=184,slow=7.4,SNR=18 LR	47.75 4	P	P	19 12 42.0 -0.2
IRM	comp=Z,562nm,21.8s,MS4.5,ba=212,slow=35 Iron Mountain	47.85 310	↑P	P	19 12 43.5 +0.1
SWSC	baz=48,SNR=28 Sam W. Stewart	47.87 309	↑P	P	19 12 43.5 0.0
BC3	baz=48,SNR=12 Big Chuck Mtn	47.88 310	P	P	19 12 43.6 0.0
P16A	baz=48,SNR=6.0 Fountain Green	47.93 319	↑P	P	19 12 44.3 +0.4
U13A	baz=48,SNR=7 Pakoon Wash	47.95 314	↑P	P	19 12 44.7 +0.6
DVTC	baz=48,SNR=37 Desert V Tower	48.00 308	↑P	P	19 12 44.7 +0.2
S14A	baz=48,SNR=12 Cedar City	48.02 316	↑P	P	19 12 44.4 -0.2
CCUT	baz=48,SNR=12 Cedar City	48.05 315	eP	P	19 12 45.2 +0.3
Q15A	baz=48,SNR=12 Fillmore	48.09 317	↑P	P	19 12 45.4 +0.3
DAU	baz=48,SNR=12 Daniels Canyon	48.10 320	eP	P	19 12 45.8 +0.6
W12A	baz=48,SNR=12 Cal Nev Ari	48.12 312	↑P	P	19 12 45.6 +0.2
MPU	comp=Z,70nm,1.0s,mb5.6 Maple Canyon	48.13 319	eP	P	19 12 45.6 +0.2
R14A	baz=48,SNR=12 James Farms, M	48.18 316	↑P	P	19 12 46.2 +0.3
T13A	baz=48,SNR=14 Saint George	48.19 314	P	P	19 12 46.8 +0.9
V12A	baz=48,SNR=37 Nelson	48.29 312	↑P	P	19 12 46.9 +0.2
P15A	baz=48,SNR=12 Leamington	48.32 318	↑P	P	19 12 47.0 +0.1
JLU	baz=48,SNR=12 Jordanelle	48.33 320	eP	P	19 12 47.1 +0.2
MONP	baz=48,SNR=12 Monument Peak	48.33 308	↑P	P	19 12 47.2 0.0
U12A	baz=48,SNR=10 Valley of Fire	48.37 313	↑P	P	19 12 47.6 +0.3
PDAR	comp=Z,11nm,0.9s,msb4.2,ba=127,slow=9.4,SNR=97 Pinedale Array	48.38 323	P	P	19 12 47.2 -0.1
N14A	baz=48,SNR=13 North Lily Mtn	48.38 313	eP	P	19 12 47.9 +0.5
S13A	baz=48,SNR=59 Holt Ranch, En	48.42 315	P	P	19 12 48.6 +1.0
BELC	baz=48,SNR=13 Belle Mtn.	48.44 310	↑P	P	19 12 47.7 -0.2
GMRC	baz=48,SNR=12 Glenric Mounta	48.49 311	↑P	P	19 12 48.2 -0.1
CTU	comp=Z,23nm,0.8s,mb5.3 Camp Tracy	48.57 320	eP	P	19 12 49.0 +0.3
T12A	baz=49,SNR=12 Moapa	48.63 314	↑P	P	19 12 49.5 +0.2
PFO	comp=Z,16nm,1.1s,mb5.0 Pinyon Flat Ob	48.63 309	eP	Pmax	19 12 49.0 -0.4
PFO	baz=49,SNR=12 Pinyon Flat Ob	48.63 309	↑P	P	19 12 49.3 -0.1
PFO	comp=Z,16nm,1.1s,mb5.0 Pinyon Flat Ob	48.63 309	eP	P	19 12 49.0 -0.4
Q14A	baz=49,SNR=12 Sevier Lake (B	48.69 317	↑P	P	19 12 50.6 +0.8
V11A	baz=49,SNR=12 Goodsprings	48.76 312	↑P	P	19 12 50.5 +0.1
R13A	baz=49,SNR=12 O'Grain Ranch,	48.78 316	↑P	P	19 12 51.2 +0.8
P14A	baz=49,SNR=12 Drum Mountains	48.85 318	↑P	P	19 12 51.6 +0.6
HWUT	comp=Z,34nm,0.8s,mb4.8 Hardware Ranch	48.95 321	eP	P	19 12 51.2 -0.5
TUQ	baz=49,SNR=14 Turquoise Mtn.	48.96 312	↑P	P	19 12 51.9 0.0
U11A	baz=49,SNR=14 Corn Creek	48.98 313	↑P	P	19 12 52.3 +0.3

DUG	comp=Z,36nm,0.9s,mb5.4 Dugway	48.99 319	eP	Pmax	19 12 52.2 +0.1
DUG	baz=49,SNR=14 Dugway	48.99 319	↑P	P	19 12 52.3 +0.2
DUG	comp=Z,36nm,0.9s,mb5.4 Dugway	48.99 319	eP	P	19 12 52.1 +0.1
HEC	comp=Z,36nm,0.9s,mb5.4 Hector,Ludlow	49.02 311	↑P	P	19 12 52.5 +0.2
S12A	baz=49,SNR=14 Delama Landin	49.12 315	↑P	P	19 12 53.7 +0.5
N15A	baz=49,SNR=14 Stansbury Isla	49.17 320	↑P	P	19 12 53.2 -0.2
Q13A	baz=49,SNR=14 Whitler Ranch,	49.18 317	↑P	P	19 12 54.2 +0.7
MURC	baz=49,SNR=14 Murrieta	49.21 309	↑P	P	19 12 53.6 -0.2
T11A	baz=49,SNR=14 Corn Creek, AI	49.22 314	↑P	P	19 12 54.1 +0.2
BBRC	baz=49,SNR=14 Big Bear Sol-O	49.24 310	↑P	P	19 12 54.7 +0.6
R12A	baz=49,SNR=14 Pony Springs,	49.29 316	↑P	P	19 12 54.8 +0.5
DGMT	comp=Z,71nm,1.0s,mb5.8 Dagmar	49.30 332	eP	P	19 12 54.3 0.0
AHID	comp=Z,22nm,0.8s,mb5.8 Auburn Hatcher	49.31 322	eP	P	19 12 54.1 -0.3
SPUT	comp=Z,22nm,0.8s,mb5.8 Shoc	49.34 320	eP	P	19 12 54.5 -0.2
SHOC	baz=49,SNR=17 Shoshone	49.42 312	↑P	P	19 12 55.4 0.0
P13A	baz=49,SNR=17 Bates Ranch, G	49.42 317	P	P	19 12 56.2 +0.9
M15A	baz=50,SNR=17 Larsen Ranch,	49.42 320	P	P	19 12 55.1 -0.3
LOHW	comp=Z,33nm,0.8s,mb5.4 Long Hollow	49.50 324	eP	P	19 12 55.8 0.0
REDW	comp=Z,33nm,0.8s,mb5.4 Red Top Meadow	49.50 323	eP	P	19 12 55.7 -0.2
SNOW	comp=Z,91nm,1.0s,mb5.8 Snow King Moun	49.50 323	eP	P	19 12 55.9 +0.1
BGU	comp=Z,53nm,0.8s,mb5.6 Big Grass Mou	49.51 319	eP	P	19 12 55.6 -0.4
GSC	comp=Z,53nm,0.8s,mb5.6 Goldstone	49.56 311	eP	Pmax	19 12 56.6 +0.1
GSC	comp=Z,39nm,0.8s,mb5.5 Goldstone	49.56 311	↑P	P	19 12 56.6 +0.1
GSC	comp=Z,39nm,0.8s,mb5.5 Goldstone	49.56 311	eP	P	19 12 56.6 +0.1
N14A	comp=Z,39nm,0.8s,mb5.5 Grayback Hills	49.58 319	P	P	19 12 56.7 +0.2
TPAW	comp=Z,36nm,0.8s,mb5.3 Teton Pass	49.63 323	eP	P	19 12 56.8 -0.1
RLMT	comp=Z,24nm,0.8s,mb5.3 Red Lodge	49.64 326	eP	P	19 12 56.8 -0.1
MOOW	comp=Z,24nm,0.8s,mb5.3 Moose Ponds	49.66 324	eP	P	19 12 57.0 -0.1
U10A	comp=Z,28nm,0.8s,mb5.3 Ash Meadows,0	49.67 313	↑P	P	19 12 57.8 +0.5
O13A	baz=50,SNR=12 Hicks Ranch, I	49.73 318	↑P	P	19 12 58.3 +0.6
Q12A	baz=50,SNR=12 Willow Creek R	49.78 316	↑P	P	19 12 58.6 +0.5
S11A	baz=50,SNR=12 Rachel	49.78 314	↑P	P	19 12 58.9 +0.8
HVU	comp=Z,17nm,0.8s,mb5.1 Hansel Valley	49.80 320	eP	Pmax	19 12 57.8 -0.4
HVU	comp=Z,17nm,0.8s,mb5.1 Hansel Valley	49.80 320	eP	Pmax	19 12 57.8 -0.4
FLWY	comp=Z,16nm,0.8s,mb5.1 Flagg Ranch	49.83 324	eP	P	19 12 58.7 +0.4
TPNV	comp=Z,38nm,1.0s,mb5.4 Topopah Spring	49.84 313	eP	Pmax	19 12 59.1 +0.5
TPNV	comp=Z,46nm,1.0s,mb5.5 Topopah Spring	49.84 313	↑P	Pmax	19 12 59.1 +0.6
TPNV	comp=Z,46nm,1.0s,mb5.5 Topopah Spring	49.84 313	eP	Pmax	19 12 59.0 +0.5
IMW	comp=Z,30nm,0.8s,mb5.4 Indian Meadow	49.86 324	eP	P	19 12 57.6 -1.0
R11A	comp=Z,30nm,0.8s,mb5.4 Troy Canyon, C	49.98 315	P	P	19 13 00.1 +0.5
M14A	comp=Z,30nm,0.8s,mb5.4 Sheep Mountain	50.02 320	P	P	19 12 59.7 -0.1
P12A	comp=Z,30nm,0.8s,mb5.4 McGill	50.03 317	↑P	P	19 13 00.5 +0.5
CIS	comp=Z,30nm,0.8s,mb5.4 Cetina Islan	50.07 308	↑P	P	19 13 00.5 0.0
FURC	comp=Z,30nm,0.8s,mb5.4 Furnace Creek,	50.08 312	↑P	P	19 13 00.6 +0.2
YFT	comp=Z,30nm,0.8s,mb5.4 Old Faithful	50.13 324	eP	P	19 13 02.0 +1.3
Q11A	comp=Z,30nm,0.8s,mb5.4 Duckwater	50.26 316	↑P	P	19 13 01.9 +0.2
GCMT	comp=Z,30nm,0.8s,mb5.4 Greycliff	50.28 326	eP	P	19 13 01.7 0.0
EDW2	comp=Z,30nm,0.8s,mb5.4 Edwards Air Fo	50.29 310	↑P	P	19 13 01.8 -0.1
LRMC	comp=Z,30nm,0.8s,mb5.4 Laurel Mountai	50.30 311	↑P	P	19 13 02.0 -0.3
O12A	comp=Z,30nm,0.8s,mb5.4 Currie	50.31 318	↑P	P	19 13 02.4 +0.3
YMR	comp=Z,24nm,0.8s,mb5.3 Madison River	50.33 324	eP	P	19 13 02.9 +0.7
MPMC	comp=Z,24nm,0.8s,mb5.3 Manual Prospec	50.38 312	P	P	19 13 02.5 -0.2
R10A	comp=Z,24nm,0.8s,mb5.3 Warm Springs	50.46 315	↑P	P	19 13 03.8 +0.6

21d 3h

Table with columns: ANMO, TUC, PFO, PDAR, SNOW, NVAR, HLID, SCHO, YKA. Includes station names, coordinates, and times.

KRSC 21 02:56:58.8z=0.5, 5532N-16247E, h32km, 32km, ML3.6, Near east coast of Kamchatka Peninsula

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MKZ, KBTR, ZLN, etc.

NIED 21 03:23:00, 24.20N, 122.90E, h65km, Mw4.4 Best double couple: M=4.73000, 1015; NP1=152.00000; 871.00000; 1.0.00000...

MOS 21 03:23:42.6z=0.8, 24.23N, 122.78E, h33km, mb5.0/31, Error ellipse: s-maj=14.7km s-min=7.0km az=113.0

BUI 21 03:23:44.1, 24.06N, 123.13E, h51km, mb4.4, mb4.4, ML4.2, Ms4.0, Msz3.8

IDC 21 03:23:45.6z=0.3, 24.27N, 122.88E, h45km, 29km, mb4.1/18, mb1.4/2.1, mb1mx4.2/2.6, mbmp4.1/2.1, ML4.1, MS3.3/10, Ms1.3/4.10, ms1mx3.2/3.0, Error ellipse: s-maj=20.6km s-min=13.5km az=64.0

ISCJB 21 03:23:45.8z=0.2, 24.12N, 122.90E, 0.01, h65km, 1km, mb4.5/64, Error ellipse: s-maj=3.0km s-min=1.9km az=162.8

NEIC 21 03:23:47.0z=0.7, 24.23N, 122.84E, h59km, 5km, mb4.7/37, Error ellipse: s-maj=7.6km s-min=5.9km az=183.0

NEIC Recorded [1 JMA] on Yonaguni-jima, Ryukyu Islands. JMA 21 03:23:46.8z=0.1, 24.16N, 122.88E, h58km, 2km, M4.3 JMA Feit 1 J1

TAP Feit 1 J at Suao, 1 J at Lanyu, 1 J at Dacheng, 1 J at Chengtung, 1 J at Hungye, 1 J at Hehuanshan, 1 J at Nioudou, 1 J at Ilan, 1 J at Hualien, 1 J at Nanhai

ISC 21 03:23:46.8z=0.2, 24.15N, 122.88E, 0.01, h60km, 2km, n241, r1810/320, mb4.6/64, 35C-3D, Taiwan region

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YON, YOG, YOF, etc.

2007 JUN

Main table for station data with columns: TYC, YUCHR, YUS, etc. Lists stations like Yuchr, Yu-Shan, Liyutan, Lidau, Alishan, etc.

610

Main table for station data with columns: KMI, KUNNING, etc. Lists stations like Kunming, Changchun, Lanzhou, etc.

21d 4h

2007 JUN

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Table with columns for station name, time, frequency, and signal strength. Includes stations like Chiawan, Ta-ch'eng, Mt. Cagua, Pasuquin, Hehuan Shan, Ninganchiao, Penghu, Taichung, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like CLL, BSEGE, KOGS, KMBOD, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like MBDF, SBF, LOR, EDM, etc.

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like KMO, BOD, YLYR, etc.

JMA 21 04:35:29.8, 0.4, 3222N, 137.57E, h424km, M3.1
ISCJB 21 04:35:31.7, 0.7, 3234N, 109.13749E, 0.10, h411km, 5km,
mb3.9/9, Error ellipse: s-maj=16.0km s-min=10.7km
az=139.4
IDC 21 04:35:32.8, 1.2, 3240N, 137.38E, h404km, 13km, mb3.1/9,
mb1.3/3.1, mb1mx3.1/24, mbtmp3.1/11, Error ellipse:
s-maj=28.2km s-min=13.0km az=81.0
NEIC 21 04:35:33.5, 0.9, 3239N, 137.29E, h412km, 9km,
MG3.1(JMA), Error ellipse: s-maj=19.7km s-min=13.9km
az=171.0
ISC 21 04:35:33.0, 0.7, 3241N, 109.1375E, 0.1, h406km, 5km, n31,
h072/39, mb3.3/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, and various codes. Includes stations like JWZ, JIE, JAI, etc.

1.1nm,0.4s,mb3.7,baz=68,slow=6.2,SNR=14
AKASG Malin Array B 75.93 321 P 04 46 35.6 -0.5
NB2 NORSAR Subarra 77.15 336 P 04 46 41.5 -1.2
NOA NORSAR Array B 77.15 336 P 04 46 42.2 -0.6
NOA NORSAR Array B 77.15 336 P 04 46 42.2 -0.6
PDAR Piedade Array 83.24 43 P 04 47 16.8 +1.6
TXAR Lajitas Array 95.54 50 P 04 48 13.7 +0.4

BGS 21 04:39:00.9-1.7,4456N;15965E,h10km,mb5.3
NIED 21 04:39:01.4650N;15330E,h8km,Mw5.1 Best double
couple: Ms=12.000+1.016, NP1=233.00000; s52.00000,
lambda127.00000, NP2=3.00000; delta1.00000; lambda52.00000

ISCBJ 21 04:39:15.7-0.1,4648N;003.15331E;0.02,h15km,
mb5.2/278,MS4.9/90,Error ellipse: s-maj=3.7km
s-min=1.5km az=166.8

NEIC 21 04:39:16.4-0.1,4648N;15332E,h10km,mb5.2/183,Error
ellipse: s-maj=4.4km s-min=2.6km az=167.0
JMA 21 04:39:16.0-0.8,4654N;15362E,h30km,MS.4
GCMT 21 04:39:16.4-0.2,4650N;15353E,h18km,MW5.4

Moment Tensor Solution: s66,c107; s89,c181;
Duration: 1s Moment tensor: Scale 1017Nm;
Mw=0.75+0.02; Mw=0.20+0.01; Mw=0.55+0.01; Mw=0.23+0.03;
Mw=0.40+0.01; Mw=0.51+0.03; Best double couple:
M0.96000x1017 NP1=219.00000; delta28.00000;
lambda100.00000 NP2=28.00000; delta63.00000; lambda85.00000

Principal axes: T 0.9320,Plg72.0000; Azm286.0000; N
0.0550,Plg5.0000; Azm30.0000; P -0.9880,Plg18.0000;
Azm122.0000; nsta2 refers to surface waves, cutoff=50s.

SKHL 21 04:39:16.9-1.1,4638N;15367E,h68km,mb6.1/8,
mb5.9/4,MS5.3/7,ms15.8/4

MOS 21 04:39:18.9-1.1,4668N;15314E,h35km,mb5.3/125,
MS5.0/51,Error ellipse: s-maj=7.7km s-min=5.9km
az=78.8

DJA 21 04:39:19.4709N;15324E,h10km,mb5.5/7
SZGRF 21 04:39:19.8,4642N;15265E,h33km,mb5.4,MS5.0,Kuril
Islands, Russia

IDC 21 04:39:21.4-2.0,4653N;15327E,h47km,17km,mb4.6/23,
mb1.4/8/26,mb1mx4.8/27,mbtmp4.7/26,ML4.4/3,MS4.7/34,
MS1.4/7/34,ms1mx4.6/43,Error ellipse: s-maj=14.8km
s-min=9.4km az=135.0

ISC 21 04:39:17.8-0.1,4654N;002.15323E;0.02,h15km,
mb11.5km;P-P,n1159,s0896/1148,mb5.2/278,MS4.9/90,
220C-136D,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various station observations and their associated data.

Main data table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains the majority of the station observation data.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station observations, including some with negative residuals.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like LOF, B3A, BOZ, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like PSI, ISA, ISA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like PFO, BELC, V13A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like Y16A Circle Bar Ran, X17A Forest Lakes, W18A Petrified Fore, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like ANN Anapa, COP Copenhagen, MUD Monsted U'grnd, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like CLL Colim, PLOR Plostina, WBK Wadi Bani Khal, etc.

CAF	comp=Z,20nm,0.8s,mb5.0	Calviac	85.43 340	eP	P	04 51 54.2	-0.2
CAF	comp=Z,10.0nm,0.8s,mb5.0	Calviac	85.43 340	eP	Pmax	04 51 54.2	-0.2
SMRF	comp=Z,9.9nm,0.8s,mb5.0	Simiane la Rot	85.44 337	eP	P	04 51 54.8	+0.3
SMRF	comp=Z,25nm,0.9s,mb5.0	Simiane la Rot	85.44 337	eP	P	04 51 54.8	+0.3
FRF	comp=Z,9.9nm,0.8s,mb5.0	La Foret Royal	85.53 336	eP	P	04 51 54.5	-0.4
VLS	comp=Z,8.5nm,0.8s,mb5.0	Valsamata	85.60 324	eP	P	04 51 54.5	-0.9
VLS	comp=Z,8.5nm,0.8s,mb5.0	Valsamata	85.60 324	eP	P	04 51 54.2	-1.2
LFF	comp=Z,16nm,0.7s,mb5.1	La Frestale	85.73 341	eP	P	04 51 55.4	-0.5
LFF	comp=Z,8.0nm,0.7s,mb5.1	La Frestale	85.73 341	eP	Pmax	04 51 55.4	-0.5
LFF	comp=Z,8.0nm,0.7s,mb5.1	La Frestale	85.73 341	eP	P	04 51 55.4	-0.5
LMR	comp=Z,1.5nm,0.7s,mb5.1	La Moudre	85.78 336	eP	P	04 51 56.1	-0.1
LMR	comp=Z,4.1nm,0.9s,mb5.3	La Moudre	85.78 336	eP	Pmax	04 51 56.1	-0.1
LMR	comp=Z,2.0nm,0.9s,mb5.3	La Moudre	85.78 336	eP	P	04 51 56.1	-0.1
LMR	comp=Z,2.0nm,0.9s,mb5.4	Pioggiola	85.78 334	eP	P	04 51 55.7	-0.5
PGF	comp=Z,1.5nm,0.8s,mb5.0	Pioggiola	85.78 334	eP	Pmax	04 51 55.7	-0.5
PGF	comp=Z,8.0nm,0.8s,mb5.0	Pioggiola	85.78 334	eP	P	04 51 55.7	-0.5
PGF	comp=Z,7.5nm,0.8s,mb5.0	Pioggiola	85.78 334	eP	Pmax	04 51 55.7	-0.5
LASF	comp=Z,8.0nm,0.8s,mb5.0	Vie Croix	85.79 338	eP	P	04 51 56.1	-0.1
VLI	comp=Z,8.0nm,0.8s,mb5.0	Stelari	85.79 332	eP	P	04 51 56.1	-0.1
IRT	comp=Z,8.0nm,0.8s,mb5.0	Ithomi	85.90 323	eP	P	04 51 55.3	-1.6
COAR	comp=Z,1.5nm,0.7s,mb5.1	Lasithi	86.07 320	eP	P	04 51 57.4	+0.3
LAST	comp=Z,1.5nm,0.7s,mb5.1	Lasithi	86.07 320	eP	P	04 51 57.4	+0.2
TIP	comp=Z,16nm,1.1s,mb5.2	Timpagrande	86.20 328	eP	P	04 51 57.9	-0.4
PYL	comp=Z,1.5nm,0.7s,mb5.1	PYLOS	86.22 323	eP	LR	04 51 57.0	-1.5
IDI	comp=Z,1.39nm,18.3s,MS4,4.7b,ba3-262,slow=38	Anoyia	86.23 320	LR	LR	05 33 14.1	
SIVA	comp=Z,1.5nm,0.7s,mb5.1	Sivas	86.49 320	eP	P	04 51 58.2	-1.7
KARN	comp=Z,1.5nm,0.7s,mb5.1	Karanos	86.56 321	eP	P	04 52 00.7	+0.5
MTFL	comp=Z,1.5nm,0.7s,mb5.1	Montolieu	86.89 339	eP	P	04 52 01.1	-0.5
MTFL	comp=Z,1.5nm,0.7s,mb5.1	Montolieu	86.89 339	eP	Pmax	04 52 01.1	-0.5
MTFL	comp=Z,1.5nm,0.7s,mb5.1	Montolieu	86.89 339	eP	Pmax	04 52 01.1	-0.5
URZ	comp=Z,1.0nm,1.1s,mb5.0	Urewera	87.09 169	LR	LR	05 23 53.9	
EPF	comp=Z,4.16nm,19.9s,MS4,8.3b,ba2-218,slow=31	Esparos	87.63 340	eP	P	04 52 05.4	+0.2
EPF	comp=Z,7.2nm,0.7s,mb4.8	Esparos	87.63 340	eP	Pmax	04 52 05.4	+0.2
EPF	comp=Z,4.0nm,0.7s,mb4.8	Esparos	87.63 340	eP	P	04 52 05.4	+0.2
SJPF	comp=Z,3.6nm,0.7s,mb4.7	St Jean	87.90 342	eP	P	04 52 05.8	-0.7
ETSF	comp=Z,1.4nm,0.8s,mb4.9	Etsaut	87.96 341	eP	Pmax	04 52 06.1	-0.7
ETSF	comp=Z,7.0nm,0.8s,mb4.9	Etsaut	87.96 341	eP	P	04 52 06.1	-0.7
VAE	comp=Z,7.3nm,0.8s,mb5.0	Valguarnera	88.57 328	LR	LR	05 31 16.7	
ESDC	comp=Z,2.9nm,0.8s,mb4.7,ba2-6,slow=3.0,SNR=8.3	Sonsea Array	91.78 343	P	P	04 52 23.6	-1.1
ESDC	comp=Z,2.9nm,0.8s,mb4.7,ba2-6,slow=3.0,SNR=8.3	Sonsea Array	91.78 343	P	LR	05 41 36.2	
KEST	comp=Z,5.45nm,18.7s,MS5,0.5b,ba3-50,slow=41	Kesra	91.89 331	P	P	04 52 24.9	-0.4
KEST	comp=Z,3.4nm,0.8s,mb4.7,ba2-348,slow=3.9,SNR=12	Kesra	91.89 331	P	LR	05 38 54.5	
RKT	comp=Z,2.72nm,18.1s,MS4,7.7b,ba3-39,slow=39	Rikitea	94.11 819	LR	LR	05 22 01.1	
TOAO	comp=Z,1.7nm,0.6s,ba3-16,slow=1.4,SNR=26	Torodi Arr. Sit	115.32 329	ePKPdf	PKPdf	04 57 57.7	-1.2
TORD	comp=Z,1.7nm,0.6s,ba3-16,slow=1.4,SNR=26	Torodi Arr. Bea	115.32 329	ePKPdf	PKPdf	04 57 57.5	-1.5
DBIC	comp=Z,7.3nm,0.7s,ba3-130,slow=0.5,SNR=12	Dimbokro	123.55 334	PKP	PKPdf	04 58 13.3	-1.6
DBIC	comp=Z,7.3nm,0.7s,ba3-130,slow=0.5,SNR=12	Dimbokro	123.55 334	PKIKP	PKPdf	04 58 13.3	-1.5
DBIC	comp=Z,7.0nm,0.7s	Dimbokro	123.55 334	PKP	PKPdf	04 58 13.3	-1.6
TIC	comp=Z,3.0nm,0.7s	Toumudi	123.62 334	PKP1	PKPdf	04 58 13.4	-1.6
KIC	comp=Z,1.9nm,1.5s	Kosan Boka	123.81 333	ePKP1	PKPdf	04 58 13.7	-1.6
VNDA	comp=Z,1.2nm,0.8s,ba3-325,slow=3.0,SNR=6.8	Vanda	123.90 178	PKP	PKPdf	04 58 11.8	-1.7
VNDA	comp=Z,1.0nm,0.8s	Vanda	123.90 178	PKIKP	PKPdf	04 58 11.8	-1.7
VNDA	comp=Z,1.0nm,0.8s	Vanda	123.90 178	PKP	PKPdf	04 58 11.8	-1.7
LIC	comp=Z,80nm,1.5s	Lamto	124.02 334	ePKIKP	PKPdf	04 58 14.4	-1.3
LIC	comp=Z,333nm,22.2s,MS4.7	Lamto	124.02 334	ePKP1	PKPdf	04 58 14.7	-1.0
LIC	comp=Z,69nm,1.5s	Lamto	124.02 334	ePKPdf	LR	04 58 14.4	-1.3
MAW	comp=Z,1.70nm,22.3s,MS4.7	Mawson	132.06 211	PKP	PKPdf	04 58 28.6	-0.7
MAW	comp=Z,1.6nm,0.7s,ba2-120,slow=2.7,SNR=6.6	Mawson	132.06 211	PKP	Pmax	04 58 28.6	-0.7
MAW	comp=Z,2.0nm,0.7s	Mawson	132.06 211	PKP	Pmax	04 58 28.6	-0.7
LPAZ	comp=Z,1.6nm,0.7s,ba2-355,slow=2.5,SNR=11	La Paz	134.37 63	PKP	PKPdf	04 58 35.5	+0.3
LPAZ	comp=Z,1.6nm,0.7s,ba2-355,slow=2.5,SNR=11	La Paz	134.37 63	PKP	PKPdf	04 58 35.5	+0.3
BOSA	comp=Z,2.0nm,0.7s	Boshof	135.90 275	PKP	PKPdf	04 58 35.5	-2.2
BOSA	comp=Z,2.1nm,0.8s,ba3-137,slow=3.9,SNR=8.8	Boshof	135.90 275	PKP	PKPdf	04 58 35.6	-2.1
BOSA	comp=Z,2.0nm,0.8s	Boshof	135.90 275	PKP	Pmax	04 58 35.6	-2.1
QSPA	comp=Z,1.6nm,0.7s,ba2-137,slow=3.9,SNR=8.8	South Pole Qui	136.28 180	ePKPdf	PKPdf	04 58 36.8	-0.1
LVC	comp=Z,1.6nm,0.7s,ba2-137,slow=3.9,SNR=8.8	Limon Verde	136.55 170	ePKPdf	PKPdf	04 59 13.2	+3.5
SURC	comp=Z,1.6nm,0.7s,ba2-137,slow=3.9,SNR=8.8	Sutherland	141.23 274	ePKPdf	PKPdf	04 58 48.4	+1.0
BDFB	comp=Z,7.0nm,1.1s,ba2-49,slow=12,SNR=5.2	Brasilia	144.46 37	PKP	PKPdf	04 58 51.2	-2.4
BDFB	comp=Z,7.0nm,1.1s,ba2-49,slow=12,SNR=5.2	Brasilia	144.46 37	PKIKP	PKPdf	04 58 51.2	-2.4
BDFB	comp=Z,7.0nm,1.1s	Brasilia	144.46 37	PKP	Pmax	04 58 51.2	-2.4
PLCA	comp=Z,1.8nm,1.0s	Paso Flores	148.10 96	PKPbc	PKPbc	04 59 01.3	-0.9
PLCA	comp=Z,1.8nm,1.0s,ba2-305,slow=3.6,SNR=12	Paso Flores	148.10 96	PKP2	Pmax	04 59 01.3	-0.9
CPUP	comp=Z,2.6nm,0.6s,ba3-317,slow=2.9,SNR=27	Villa Florida	148.50 61	PKPbc	PKPbc	04 59 02.8	-0.9
CPUP	comp=Z,2.6nm,0.6s	Villa Florida	148.50 61	PKP2	Pmax	04 59 02.8	-0.9
SNAA	comp=Z,6.0nm,0.6s	Sanae	152.37 196	ePKPdf	PKPdf	04 59 04.5	-0.2
SNAA	comp=Z,6.0nm,0.6s	Sanae	152.37 196	e	e	04 59 09.8	
SNAA	comp=Z,6.0nm,0.6s	Sanae	152.37 196	e	e	04 59 13.2	
SNAA	comp=Z,6.0nm,0.6s	Sanae	152.37 196	e	e	04 59 13.2	
SNAA	comp=Z,3.1nm,1.0s,ba2-170,slow=2.0,SNR=46	Sanae	152.37 196	PKPbc	PKPbc	04 59 10.2	-1.4
SNAA	comp=Z,3.1nm,1.0s	Sanae	152.37 196	PKIKP	Pmax	04 59 10.2	-1.4
TRQA	comp=Z,3.0nm,1.0s	Tornquist	152.79 85	ePKPdf	PKPdf	04 59 07.2	+0.8
TROA	comp=Z,3.0nm,1.0s	Tornquist	152.79 85	ePKPbc	PKPdf	04 59 14.8	+1.3
VNA2	comp=Z,2.2nm,0.8s,ba2-213,slow=2.7,SNR=19	Neumayer-Watz	153.82 194	ePKPdf	PKPdf	04 59 06.5	-0.3
VNA2	comp=Z,2.2nm,0.8s	Neumayer-Watz	153.82 194	ePKP	Pmax	04 59 13.2	
VNA2	comp=Z,2.2nm,0.8s	Neumayer-Watz	153.82 194	e	e	04 59 27.0	
VNA2	comp=Z,2.2nm,0.8s	Neumayer-Watz	153.82 194	e	e	04 59 38.4	
VNA1	comp=Z,2.2nm,0.8s	Neumayer-Watz	154.20 194	ePKPdf	PKPdf	04 59 09.7	+2.3
VNA1	comp=Z,2.2nm,0.8s	Neumayer-Watz	154.20 194	e	e	04 59 14.9	
VNA1	comp=Z,2.2nm,0.8s	Neumayer-Watz	154.20 194	e	e	04 59 28.9	
VNA1	comp=Z,2.2nm,0.8s	Neumayer-Watz	154.20 194	e	e	04 59 40.9	

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DJA 21 06:10:17.258S;13029E,h33km,ML4,0/2
DC 21 06:10:12.5-1.7,289S;12989E,h0km,mb3.9/3,mb1 4/0/4,
mb1mx3.7/16,mbtmp3.8/4,ML3,7/1,Error ellipse:
s-maj=113.1km s-min=24.1km az=71.0,Seram

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
WRA	Warramunga Arr	17.50 166	Op	ISC	h m s	ISC
ASAR	Alice Springs	21.02 170	P	Pn	06 14 18.0	-0.1
ASAR	Alice Springs	21.02 170	P	P	06 14 15.3	-0.6
MKAR	Makanchi Array	64.76 326	P	P	06 20 53.0	+0.2
ZALV	Zalesovo Beam	67.88 333	P	P	06 21 13.0	+0.3

MEX 21 06:12:23.8-0.4,1827N;10347W,h16km₂km,MD3.8,1C,
Near coast of Michoacan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
MMIG	Aquila	0.12 811	Op	ISC	h m s	ISC
MMIG	Aquila	0.12 811	P	Pg	06 12 26.6	-0.7
ZIIG	Zihuatanejo	2.02 109	iP	Pg	06 12 29.1	-0.6
ZIIG	Zihuatanejo	2.02 109	iP	P	06 12 54.6	-2.6
ZIIG	Zihuatanejo	2.02 109	iP	P	06 12 54.6	-2.6
SFJM	Santa Fe	2.24 10	P	Pn	06 13 27.0	-3.8
SFJM	Santa Fe	2.24 10	P	P	06 13 24.0	-3.7
PPM	Popocatepetl	4.66 79	eP	Pn	06 13 29.3	-4.2
PPM	Popocatepetl	4.66 79	eP	P	06 14 23.9	-3.4

DC 21 06:25:53.3;1.0,717S;15494E,h0km,mb4.0/8,mb1 4/0/9,
mb1mx3.9/16,mbtmp4.0/9,ML4,4/1,Error ellipse:
s-maj=29.3km s-min=21.8km az=83.0

ISCJB 21 06:25:56.6;0.6,72S;01.15495E;0.8,h33km,mb4.0/9,
Error ellipse: s-maj=17.3km s-min=9.1km az=24.7

NEIC 21 06:25:58.2;0.6,720S;15497E,h35km,mb4.8/1,Error
ellipse: s-maj=17.1km s-min=14.9km az=214.0

ISC 21 06:25:58.8;0.6,72S;01.15490E;0.8,h35km,n13,
0.096/13,mb4.0/9,Bougainville - Solomon Islands
region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
HNR	Honiara	5.47 114	Pn	Pn	06 27 16.0	-1.8
HNR	Honiara	5.47 114	P	P	06 28 20.5	+1.0
WRA	Warramunga Arr	23.63 226	P	P	06 31 07.4	+0.4
ASAR	Alice Springs	25.97 229	P	P	06 31 27.9	-0.4
STKA	Stevens Creek	27.52 205	P	P	06 31 41.5	-0.6
STKA	Stevens Creek	27.52 205	P	P	06 31 41.5	-0.6
SKRS	Korea Array	51.06 323	P	P	06 34 58.1	+0.4
SOMN	Mawson	69.45 327	P	P	06 37 04.3	+0.9
MK31	Makanchi Array	83.49 319	eP	P	06 38 22.8	-0.1
MKAR	Makanchi Array	83.49 319	eP	P	06 38 23.1	+0.1
MAW	Mawson	84.18 203	P	P	06 38 27.6	+1.5
ZALV	Zalesovo Beam	84.29 326	P	P	06 38 25.8	

21d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SDV Santo Domingo, PCRV Puerto La Cruz, TGUH Tegucigalpa, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AMTX Amarillo, ACSO Alum Creek Sta, LIC Lamto, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PFO PFO, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like RSSD Black Hills, CTU Camp Tracy, DUG Dugway, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like BOZ Bozeman (W), ELFS Eagle Lake Fe, DLMT Dillon, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like F05A White Salmon, B10A Chitwood Farm, C09A Chrisman Ranch, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YAK, KARATAY ARRAY, CHENNAI, HYDRABAD, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTA, BEIJING, HU-HO-HAO-TE, LANZHOU, etc.

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

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

Table with columns: VOY, Vojsko, Time Res, h m s, ISC. Lists various stations and their coordinates and identifiers.

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

ISCJB 21 10:39:10.9,0.6,241S,0.1:696E,0.1,h10km,mb3.9/13, MS3.9/12, Error ellipse: s-maj=19.3km s-min=14.7km az=15.8

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MUNDARING, BINTULU, SIBU, VANDA, VNSA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MAW Mawson, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SMF Signal de Mont, AVF Avil sur Lour, BNI Bariocchia, etc.

Table with columns: AVH, Avacha, 2.74 230 eP, Pn, 15 15 33.9 +2.8, etc.

NEIC 21 15:30:30.0, 31.70S:71.62W, h30km, ML3.1(GUC), After GUC.

GUC 21 15:30:30.0, 0.6, 3170S:71.62W, h30km, 2km, MD3.6, ML3.1, 6C, Near coast of central Chile

Main table for NEIC 21 15:30:30.0, 31.70S:71.62W, h30km, 2km, MD3.6, ML3.1, 6C, Near coast of central Chile. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

BUI 21 15:34:11.2, 1486N:147.39E, h47km, mb4.8, ISCJB 21 15:34:14.0, 2.3, 1441N:009.1469E:0.1, h61km, 18km, mb4.4/29, Error ellipse: s-maj=20.7km s-min=14.5km az=20.1

NEIC 21 15:34:13.3, 2.5, 1434N:146.91E, h42km, 20km, mb4.9/15, Error ellipse: s-maj=20.0km s-min=12.2km az=35.9

ISC 21 15:34:13.7, 0.9, 1434N:146.86E, h38km, 5km, mb3.9/14, mb1.3/9.15, mb1mx3.8/24, mbtmp3.9/15, ML3.8/1, MS3.1/3, Ms1.3/1.3, ms1mx2.7/33, Error ellipse: s-maj=24.5km s-min=16.3km az=100.0

ISC 21 15:34:14.0, 2.3, 1438N:009.1470E:0.1, h46km, 19km, h42km, 9km:pp-P, n44, 0.99/39, mb4.4/29, Mariana Islands

Main table for NEIC 21 15:34:13.3, 2.5, 1434N:146.91E, h42km, 20km, mb4.9/15, Error ellipse: s-maj=20.0km s-min=12.2km az=35.9. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table with columns: KIC, Kosan Boka, 145.17 304 ePKP1, PKPbc, 15 53 48.9 +1.7, etc.

ICD 21 15:37:47.6, 3.6, 364N:6308E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.6/23, mbtmp3.9/4, MS3.5/3, Ms1.3/3/3, ms1mx3.0/34, Error ellipse: s-maj=179.7km s-min=28.9km az=53.0, Carlsberg Ridge

Main table for ICD 21 15:37:47.6, 3.6, 364N:6308E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.6/23, mbtmp3.9/4, MS3.5/3, Ms1.3/3/3, ms1mx3.0/34, Error ellipse: s-maj=179.7km s-min=28.9km az=53.0, Carlsberg Ridge. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ICD 21 15:38:52.8, 1.5, 3451S:18000W, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.8/16, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=30.1km az=84.0, South of Kermadec Islands

Main table for ICD 21 15:38:52.8, 1.5, 3451S:18000W, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.8/16, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=30.1km az=84.0, South of Kermadec Islands. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ICD 21 15:40:01.6, 6.7, 577S:15556E, h0km, mb3.6/3, mb1.3/7.3, mb1mx3.5/15, mbtmp3.6/3, MS4.6/1, Ms1.4/6/1, ms1mx2.7/25, Error ellipse: s-maj=203.7km s-min=39.1km az=109.0, Bougainville - Solomon Islands region

Main table for ICD 21 15:40:01.6, 6.7, 577S:15556E, h0km, mb3.6/3, mb1.3/7.3, mb1mx3.5/15, mbtmp3.6/3, MS4.6/1, Ms1.4/6/1, ms1mx2.7/25, Error ellipse: s-maj=203.7km s-min=39.1km az=109.0, Bougainville - Solomon Islands region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

KRSC 21 15:41:01.8, 0.6, 5548N:16214E, h56km, 45km, ML3.6, Near east coast of Kamchatka Peninsula

Main table for KRSC 21 15:41:01.8, 0.6, 5548N:16214E, h56km, 45km, ML3.6, Near east coast of Kamchatka Peninsula. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ICD 21 16:01:25.0, 10.0, 1003S:11771E, h0km, mb3.7/2, mb1.3/8.5, mb1mx3.6/18, mbtmp3.7/5, ML3.2/3, Error ellipse: s-maj=147.4km s-min=72.1km az=135.0, South of Sumbawa

Main table for ICD 21 16:01:25.0, 10.0, 1003S:11771E, h0km, mb3.7/2, mb1.3/8.5, mb1mx3.6/18, mbtmp3.7/5, ML3.2/3, Error ellipse: s-maj=147.4km s-min=72.1km az=135.0, South of Sumbawa. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

CSEM 21 16:23:18.0, 0.4, 4192N:2001E, h2km, ML2.7/9, Error ellipse: s-maj=6.2km s-min=3.5km az=142.0, ISCJB 21 16:23:20.8, 0.3, 4204N:002.1991E:0.03, h1.7km, 3km, PHP Error ellipse: s-maj=3.5km s-min=2.5km az=140.2, TIR 21 16:23:20.7, 2.0, 4205N:1990E, h12km, 6km, ML2.7, NEIC 21 16:23:21.3, 4.2, 4204N:1986E, h9km, ML2.7(PDG), After PDG.

BEV 21 16:23:21.1, 1.1, 4195N:1996E, ML2.5/6, PDG 21 16:23:21.3, 0.1, 4204N:1986E, h9km, MD2.7/3, ML2.7/9, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0, ISC 21 16:23:21.7, 0.3, 4203N:002.1990E:0.03, h2km, 1km, n38, 0.11/174, 8C-4D, Northwestern Balkan Peninsula

Main table for BEV 21 16:23:21.1, 1.1, 4195N:1996E, ML2.5/6, PDG 21 16:23:21.3, 0.1, 4204N:1986E, h9km, MD2.7/3, ML2.7/9, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0, ISC 21 16:23:21.7, 0.3, 4203N:002.1990E:0.03, h2km, 1km, n38, 0.11/174, 8C-4D, Northwestern Balkan Peninsula. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table with columns: PDG, Podgorica, 0.62 310 fPg, Pg, 16 23 32.1 -1.6, etc.

ICD 21 17:14:24.1, 4.6, 383S:14399E, h0km, mb4.1/3, mb4.1/4.4, mb1mx3.8/15, mbtmp4.2/4, ML4.2/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/25, Error ellipse: s-maj=109.1km s-min=69.2km az=144.0

Main table for ICD 21 17:14:24.1, 4.6, 383S:14399E, h0km, mb4.1/3, mb4.1/4.4, mb1mx3.8/15, mbtmp4.2/4, ML4.2/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/25, Error ellipse: s-maj=109.1km s-min=69.2km az=144.0. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

NEIC 21 17:14:24.7, 2.8, 402S:14449E, h10km, mb4.8/4, 1C, Error ellipse: s-maj=48.8km s-min=35.2km az=167.0, Near north coast of New Guinea

Main table for NEIC 21 17:14:24.7, 2.8, 402S:14449E, h10km, mb4.8/4, 1C, Error ellipse: s-maj=48.8km s-min=35.2km az=167.0, Near north coast of New Guinea. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ICD 21 17:34:34.9, 1.6, 100N:12611E, h0km, mb4.0/4, mb1.4/1.5, mb1mx3.8/29, mbtmp4.0/5, ML3.6/1, MS3.9/1, Ms1.3/9.1, ms1mx2.8/29, Error ellipse: s-maj=108.3km s-min=21.5km az=67.0

DJA 21 17:34:42.1, 1.4N:12636E, h70km, ML4.1/2, NEIC 21 17:34:47.3, 3.5, 103N:12642E, h117km, 34km, mb4.3/8, Error ellipse: s-maj=30.3km s-min=10.8km az=54.0, ISCJB 21 17:34:49.0, 3.8, 10N:0.1:12636E:0.2, h147km, 36km, mb4.2/9, Error ellipse: s-maj=37.0km s-min=12.6km az=144.3

ISC 21 17:34:40.3, 5.1, 12N:02:1267E:0.2, h46km, 48km, n18, 0.081/18, MB4.3/9, Northern Molucca Sea

Main table for ICD 21 17:34:34.9, 1.6, 100N:12611E, h0km, mb4.0/4, mb1.4/1.5, mb1mx3.8/29, mbtmp4.0/5, ML3.6/1, MS3.9/1, Ms1.3/9.1, ms1mx2.8/29, Error ellipse: s-maj=108.3km s-min=21.5km az=67.0. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ICD 21 17:39:56.1, 0.6, 5026N:17745W, h0km, mb4.3/22, mb1.4/2/3, mb1mx4.3/29, mbtmp4.2/23, ML4.2/1, MS3.2/1/1, Ms1.2/2/1, ms1mx3.0/62, Error ellipse: s-maj=19.5km s-min=13.3km az=168.0

NEIC 21 17:39:56.2, 0.2, 5027N:17736W, h2km, 12km, mb4.6/50, Error ellipse: s-maj=8.9km s-min=3.9km az=180.0, ISCJB 21 17:39:56.3, 0.3, 5029N:005:17741W:0.04, h10km, mb4.5/83, MS3.5/14, Error ellipse: s-maj=7.6km s-min=3.6km az=169.0

MOS 21 17:40:00.2, 1.2, 5038N:17738W, h33km, mb4.8/45, Error ellipse: s-maj=10.6km s-min=5.7km az=96.1, BUI 21 17:40:01.0, 5.091N:17854W, h10km, mb4.8, mb4.6, Ms4.7, Ms2.5

SZGRF 21 17:40:02.9, 5.010N:17757W, h33km, mb4.8, Andreanof Islands, Aleutian Islands, United States

ISC 21 17:39:57.8, 1.4, 5031N:005:17743W:0.04, h8km, 8km, h11km, 1.3km:pp-P, n221, 0.998/225, mb4.5/83, MS3.5/14, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ADK Adak, AMKA Amchitka, NIKO Nikolski, etc.

Table with columns: HHC, SCS, ScS, Time, Res, ISC. Includes stations like HHC comp=Z,19nm,0.6s,mb5.3, HHC comp=Z,125nm,6.9s, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like EKS2 Erkin-Say, LSA Lhasa, LSA Lhasa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like Jabal Katrina, Dhabah, Timpagrande, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like La Chapelle, Saint-Julien-L, Ste Croix, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like San Juan, Ice Springs, etc. Includes a large block of text for JSCJB 21 18:32:56.2-0.6, 1038N-003:6268W-002, h9km, 5km.

21d 20h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like FFC, KWP, BURAR, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BUG, ULM, PERS, SOKA, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like RKT, TORO, MAW, QSPA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nonsavu, Afi, Ureware, etc.

Table with columns: VRI, KOLS, STHS, MLR, CRVS, OKC, DPC, CLL, CLM, BRG, BRG, VYHS, VYHS, VYHS, GZR, BZS, KHC, GERES, TOR, etc. Includes stations like Vriocioia, Kolicnica sedl, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOR, WRA, FUNV, ISCJB, TRN, etc.

Table with columns: CD2, Chengdu, 5.12 94, P, Pn, 23 38 42.5 +0.4, etc. Includes stations like LSA Lhasa, SONMI Sogingao Array, MK31 Makanchi Array, etc.

DJA 21 23:50:07, 038N x 12609E, h100km, ML3.9/2
IDC 21 23:50:01.3-1.9, 071N-12657E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/16, mbtmpp3.7/3, Error ellipse: s-maj=167.5km s-min=24.4km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

CSEM 22 00:09:43.9-1.5, 3718N-2460W, h5km, ML3.5, Error ellipse: s-maj=8.1km s-min=5.1km az=76.0, After PDA
PDA 22 00:09:43.9-1.5, 3718N-2460W, h5km, MD4.1, ML3.5, Error ellipse: s-maj=8.1km s-min=5.1km az=76.0.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations PSMN Pico do Norte, PSCM Serra do Cume, PSET Sete Cidades, etc.

Table with columns: CALA Caldeira, 3.54 295, eP, Pn, 00 10 34.9 -4.6, etc. Includes stations ODZ Otahua Downs, HHSZ Highcleft Hill, EAZ Earncliffeugh, etc.

WEL 22 00:12:17.6-0.1, 4536S-17043E, h0km, ML3.6/6, Quarry: Macraes Flat Mining induced., South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations IGT Igoumenitsa, JAN Janina, KEK Kerkira, etc.

ISCJBJ 22 00:22:15.7-0.7, 3778N-005-2367E-005, h10km, Error ellipse: s-maj=7.2km s-min=4.8km az=149.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations KVR Kavouri, NAIG Nisos Aigina, ATH Athens Observa, etc.

ISCJBJ 22 00:28:25.0-0.8, 3079S-003x714W-02, h55km, 7km, Error ellipse: s-maj=22.9km s-min=4.2km az=0-1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations OVCH Ovale, CMCH Combarbala, CMCH Combarbala, etc.

ISCJBJ 22 00:28:25.0-0.8, 3079S-003x714W-01, h47km, 9km, n18, 0574/31, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations CMCH Combarbala, TLL Tololo Astrono, LSCH La Serena, etc.

CASC 22 00:47:09.7-2.3, 716N-8226W, h10km, 25km, MD4.0, 2C, South of Panama

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations BRUZ Volcan, CTRC Cotoan, AZU Azuero, etc.

IDC 22 01:25:44.9-5.0, 3914N-11067E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.4/22, mbtmpp3.7/3, ML2.2/1, Error ellipse: s-maj=94.9km s-min=47.8km az=88.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations BJT Baijaitauau, SONMI Sogingao Array, LSA Lhasa, etc.

NEIC 22 01:35:01.5, 3807N-2161E, h25km, MD3.3(ATH), After ATH

ATH 22 01:35:01.5, 3807N-2161E, h25km, 1km, MD3.3/6

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations RLS Riolos of Patr, KFL Anninata, VLS Valsamata, etc.

NEIC 22 02:03:00.0, 3400N-14040E, h35km, Mw3.6 Best double couple: M2.73000x10^14 NP1=97.00000, delta1.000000, 7.114.000000

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations BSO3 Boso 3, BSO2 Boso 2, BSO1 Boso 1, etc.

ISC 22 02:03:46.0-0.5, 3399N-003x14037E-005, h45km, 8km, mb3.5/4, Error ellipse: s-maj=7.5km s-min=5.5km az=13.5

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations JMA Jima, JHU2 Mitsune, JHU1 Hachiojima, etc.

ISC 22 02:03:46.0-0.7, 3399N-003x14034E-005, h23km, 7km, n20, 0593/29, mb3.5/4, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations BSO3 Boso 3, BSO2 Boso 2, BSO1 Boso 1, etc.

IDC 22 02:08:39.9-4.4, 3047S-17889W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/14, mbtmpp3.5/2, Error ellipse: s-maj=224.8km s-min=69.6km az=167.0, Kermadec Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, etc.

IDC 22 02:25:10.0-2.2, 663N-12495E, h0km, mb4.1/3, mb1 4.4/3, mb1mx3.7/19, mbtmpp4.1/3, Error ellipse: s-maj=208.3km s-min=24.4km az=64.0, Mindanao

2.4mm,0.5s,baz=342,slow=1.1,SNR=46
MKAR Makanchi Array 54.18 325 P 02 34 37.2 +0.1
0.8mm,0.5s,baz=119,slow=7.9,SNR=10

SKO 22 02:31:04.2,3935N,2040E,h0km
ATH 22 02:31:04.4,3942N,2046E,h20km,6km,MD3.2/5
NEIC 22 02:31:04.4,3942N,2046E,h20km,MD3.2(ATH),After
ATH.
ISCJB 22 02:31:04.5,0.5,3945N,2042E,0.4,1h1km,3km,
Error ellipse: s-maj=5.3km s-min=3.6km az=3.0

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

ISCJB 22 02:37:07.9,2.3,3624N,006,1426E,0.1,1h1km,25km,
mb3.3/2, Error ellipse: s-maj=15.1km s-min=9.1km az=9.4
JMA 22 02:37:10.3,0.2,3622N,1425E,h2km,M3.0
IDC 22 02:37:18.9,9.6,3591N,14189E,h2km,5.4km,mb3.2/2,
mb1.3,3.4,mb1mx3.0/23,mbmp3.3/4,ML3.4/1,Error
ellipse: s-maj=11.4km s-min=2.7km az=90.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CHOSI, Hitachi, Iwakimizuishi, etc.

IDC 22 02:38:35.6,5.5,2275E,17909E,h534km,4.1km,mb3.2/4,
mb1.3,3.4,mb1mx3.0/16,mbmp3.2/4, Error ellipse:
s-maj=117.6km s-min=64.4km az=148.0, South of Fiji
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like STEPHENS, Alice Springs, etc.

IDC 22 02:53:55.4,37.0,613N,12660E,h0km,mb3.8/4,
mb1.4/0.4,mb1mx3.6/19,mbmp3.8/4, Error ellipse:
s-maj=617.6km s-min=115.5km az=160.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MILAS, YERKES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MANT, AKS, DEMI, etc.

BUJ 22 02:57:08.2,5221N,17456W,h34km,mb4.8,mb4.3,Ms4.3,
Ms2.4
ISCJB 22 02:57:12.7,1.1,5171N,0.1,17537W,008,h63km,10km,
mb4.0/1.4, Error ellipse: s-maj=2.1km s-min=6.2km
az=164.2

NEIC 22 02:57:14.2,0.9,5174N,17545W,h68km,8km,mb4.0/1,
ML4.0(AEIC), Error ellipse: s-maj=17.3km s-min=7.2km
az=165.0
IDC 22 02:57:15.3,5.2,5184N,17545W,h75km,4.6km,mb3.5/10,
mb1.3,7/12,mb1mx3.5/28,mbmp3.6/12,ML4.1/2,MS2.9/3,
Ms1.2,9/3,ms1mx2.0/52, Error ellipse: s-maj=31.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AMKA, NIKOSI, UNV, etc.

ISC 22 02:57:14.5,1.0,5171N,0.1,17538W,008,h67km,gkm,n29,
r1516/27,mb3.9/1.4, Andraon Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YKA, MDJ, NEW, etc.

KSRS Koro Aray 41.76 273 P 03 04 55.6 -1.4
comp=2.1,1mm,0.7s,mb4.1,baz=285,slow=8.3,SNR=3.3
ELR Eika 41.90 81 P 03 04 58.5 +0.5
comp=2.0,9mm,0.6s,mb3.6,baz=273,slow=8.8,SNR=5.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PDAR, SPITS, TXAR, etc.

KSRS Koro Aray 41.76 273 P 03 04 55.6 -1.4
comp=2.1,1mm,0.7s,mb4.1,baz=285,slow=8.3,SNR=3.3
ELR Eika 41.90 81 P 03 04 58.5 +0.5
comp=2.0,9mm,0.6s,mb3.6,baz=273,slow=8.8,SNR=5.9

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

FINES FINES Array B 65.91 349 P 03 07 51.8 -0.9
comp=2.0,5mm,0.7s,mb3.5,baz=17,slow=10,SNR=2.8
ASAR Alice Springs 87.20 225 P 03 09 53.8 +0.7
comp=2.0,4mm,0.6s,mb3.5,baz=22,slow=4.3,SNR=4.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MAW, BOSHA, BOSHA, etc.

ISCJB 22 02:57:39.4,0.5,3957N,003,2162E,0.03,h12km,4km,
Error ellipse: s-maj=4.5km s-min=3.4km az=155.1
NEIC 22 02:57:39.8,3859N,2165E,h17km,MD3.4(ATH),After
ATH.
ATH 22 02:57:39.8,3859N,2165E,h17km,1km,MD3.4/9
CSEM 22 02:57:40.3,0.1,3859N,2160E,h12km,MD3.4, Error
ellipse: s-maj=3.8km s-min=2.3km az=143.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EVR, RLS, AGG, etc.

VLI Vellai 2.14 150 ePN Pn 02 58 17.4 +2.1
NEIC 22 03:02:49.5,0.8,311N,12781E,h10km,mb4.4/6, Error
ellipse: s-maj=54.5km s-min=8.9km az=69.0
ISCJB 22 03:02:51.5,0.5,307N,008,1277E,0.2,h33km,mb4.2/1.4,
Error ellipse: s-maj=29.7km s-min=9.7km az=165.9
IDC 22 03:02:58.4,7.9,301N,12765E,h83km,77km,mb3.7/9,
mb1.3,8/9,mb1mx3.7/20,mbmp3.7/9, Error ellipse:
s-maj=14.0km s-min=1.4km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FITZ, WRA, WB2, etc.

IDC 22 03:12:52.3,1.6,2992N,13911E,h0km,mb3.4/3,
mb1.3/7.7,mb1mx3.5/24,mbmp3.7/7,ML3.7/4,MS3.2/7,
Ms1.3,3/7,mb1mx3.0/21, Error ellipse: s-maj=41.9km
s-min=22.3km az=57.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JHJ, CBJI, CBJI, etc.

ATH 22 03:17:31.6,3953N,2049E,h32km,2km,MD3.4/7
NEIC 22 03:17:31.6,3953N,2049E,h32km,MD3.4(ATH),After
ATH.
SKO 22 03:17:32.2,3934N,2038E,h0km
CSEM 22 03:17:32.6,0.1,3946N,2049E,h10km,ML3.1, Error
ellipse: s-maj=2.3km s-min=1.5km az=80.0
ISCJB 22 03:17:32.1,0.4,3943N,002,2054E,0.05,h5km,5km,
Error ellipse: s-maj=6.3km s-min=3.2km az=179.9

IDC 22 03:17:32.0,0.4,3942N,002,2050E,0.04,h7km,4km,n25,
r1314/5, Greece-Albania border region

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

IDC 22 03:36:21.4,1.8,1171N,8692W,h0km,mb3.9/7,mb1.4/1.9,
mb1mx3.8/25,mbmp4.0/9,ML4.1/1, Error ellipse:
s-maj=48.0km s-min=19.9km az=37.0
CASO 22 03:36:23.8,1.5,1129N,8723W,h66km,50km,MD4.1,
ML3.6,mb3.7(NEIC)
ISCJB 22 03:36:24.6,1.2,1133N,008,8723W,008,h53km,10km,
mb3.8/1.4, Error ellipse: s-maj=16.8km s-min=8.0km
az=136.8
NEIC 22 03:36:26.8,1.7,1154N,8703W,h49km,14km,mb3.7/8,
Error ellipse: s-maj=23.9km s-min=9.3km az=212.0
ISC 22 03:36:26.8,1.2,1142N,009,8711W,009,h53km,gkm,n45,

KHC	comp=Z,6.0nm,1.0s	Kasperske Hory	41.22 305	eP	P	04 59 10.5	0.0
KHC				e	MLR	05 00 43.0	
KHC	comp=Z,2.2um,14.7s,MSS.0	Kasperske Hory	41.22 305	eP	MLR	04 59 10.5	0.0
KHC				eP	PP	04 59 15.3	-1.0
KHC				ePP	PP	05 00 04.0	-2.5
KHC				ex	x	05 04 56.9	
KHC				AMS	AMS	05 21 00.0	
JAVS	comp=Z,2.2um,14.7s	Javornik	41.25 300	iP	P	04 59 10.9	+0.1
JAVS				e	P	04 59 16.6	0.0
VOY		Vojsko	41.35 300	e(P)	PP	04 59 12.2	+0.6
VOY				e	PP	04 59 16.2	-1.2
VOY				e	PP	04 59 41.9	
MYKA	comp=Z,4.2nm,1.2s,mb5.0	Terra Mystica	41.44 301	iP	P	04 59 12.9	+0.5
CLL		Colim	41.45 308	iP	P	04 59 12.0	-0.3
CLL				i	P	04 59 17.7	-0.4
CLL				eS	Pmax	05 05 29.0	+2.6
CLL	comp=Z,2.2nm,1.3s,mb4.6				MLR		
CLL	comp=Z,2.2um,17.0s,MSS.1	Colim	41.45 308	iP	P	04 59 12.0	-0.3
CLL	comp=Z,2.2nm,1.3s,mb4.6						
CLL	comp=Z,3.6nm,1.3s			i	x	04 59 17.7	
CLL				i	PP	05 00 48.1	+0.1
CLL				i	x	05 00 59.8	
CLL				i	x	05 01 11.9	
CLL				ex	x	05 04 48.0	
CLL				eP	P	05 05 03.0	+2.1
CLL				eS	S	05 05 29.0	+2.6
CLL				ex	x	05 06 12.0	
CLL				eS	SS	05 08 31.0	+0.4
CLL		Colim	41.45 308	eP	P	04 59 12.6	+0.3
CLL	comp=Z,3.6nm,1.3s,mb4.8			eP	PP	04 59 18.8	+0.7
CLL				ePP	PP	05 00 50.4	+2.4
CLL		Colim	41.45 308	iP	P	04 59 12.0	-0.3
CLL	comp=Z,2.2nm,1.3s,mb4.6			i	P	04 59 17.7	-0.4
CLL				eP	P	05 05 03.0	+2.1
CLL				eS	LR	05 05 29.0	+2.6
CLL	comp=Z,2.2um,17.0s,MSS.1	Chu'i man	41.49 43	eP	P	04 59 13.8	+1.2
CLNS				e	P	05 00 48.3	
CLNS				e	P	05 01 14.6	
CLNS				eS	S	05 05 21.4	-5.5
CLNS	comp=Z,4.6nm,1.3s,mb5.0				Pmax		
CLNS	comp=E,3.4nm,1.0s				Pmax		
CLNS	comp=N,1.2nm,1.0s				Pmax		
CLNS	comp=E,5.5nm,8.1s				smax		
CLNS	comp=N,2.2um,12.0s,MSS.6				MLR		
CLNS	comp=E,6.2um,16.0s,MSS.6				MLR		
CLNS	comp=Z,5.2um,15.0s,MSS.5				MLR		
KBA	comp=Z,3.4nm,1.1s,mb4.9	Koelnbreinsper	41.59 302	iP	P	04 59 14.1	+0.5
KBA		Koelnbreinsper	41.59 302	iP	Pmax	04 59 14.1	+0.6
WET	comp=Z,3.4nm,1.1s,mb4.9	Wetzell	41.67 305	eP	P	04 59 15.0	+0.8
WET				e	Pmax		
WET	comp=Z,1.4nm,1.4s,mb4.4	Wetzell	41.67 305	eP	P	04 59 15.0	+0.8
WET	comp=Z,1.4nm,1.4s,mb4.4			e	P		
COP	comp=Z,8.2um,13.5s,MSS.8	Copenhagen	41.76 315	iP	P	04 59 14.5	-0.3
COP				i	S	05 00 53.2	
COP				i	S	05 05 31.2	+0.3
COP	comp=Z,1.1um,16.0s,MSS.9	Copenhagen	41.76 315	iP	P	04 59 14.5	-0.3
COP				i	S	05 00 53.2	
COP				i	S	05 05 31.2	+0.3
COP				i	S	05 08 35.6	
SNY	comp=Z,1.1um,16.0s	Shenyang	41.78 66	iP	PP	04 59 15.0	-0.2
SNY				PP	PP	05 00 53.5	+1.7
SNY				S	SS	05 05 24.4	-7.3
SNY				S	SS	05 08 21.8	-1.6
SNY	comp=Z,1.5nm,0.7s,mb4.7			AMB	AMB		
SNY	comp=Z,3.08nm,7.4s			AMB	AMB		
SNY	comp=N,3um,11.7s,MSS.7			LR	LR		
SNY	comp=E,7.1um,14.7s,MSS.7			LR	LR		
SNY	comp=Z,8.2um,13.5s,MSS.8			LR	LR		
NKC	comp=Z,2.2um,12.9s	Novy Kostel	41.86 307	eP	P	04 59 16.4	+0.6
NKC				eP	PP	04 59 21.0	-0.6
NKC				eS	S	05 05 32.9	+0.3
NKC				eS	AMS	05 19 30.0	
NKC	comp=Z,2.2um,12.9s	Novy Kostel	41.86 307	eP	P	04 59 16.4	+0.6
NKC				e	P	04 59 21.0	-0.6
NKC				eS	S	05 05 32.9	+0.3
TRO	comp=Z,1.2nm,1.3s,mb4.4	Tromso	41.93 336	eS	P	04 59 15.9	-0.1
TRO				eS	P	05 05 32.9	-0.3
MANZ	comp=Z,2.2um,12.9s	Manzenberg	42.10 306	eP	P	04 59 18.7	+1.0
MANZ				eP	P	04 59 23.2	-0.3
ABTA	comp=Z,2.2um,12.9s	Abfaltersbach	42.20 301	iP	P	04 59 18.4	-0.1
AQU	comp=Z,1.2nm,1.3s,mb4.4	L'Aquila	42.35 295	iP	P	04 59 19.5	-0.3
AQU		L'Aquila	42.35 295	iP	P	04 59 19.3	-0.5
GRB3	comp=Z,5.3nm,1.0s,mb5.1	Grafenberg Arr	42.36 305	ePP	PP	05 00 58.2	+0.4
MOX	comp=Z,5.3nm,2.0s,mb4.8	Moxa	42.36 307	eP	P	04 59 20.6	+0.8
MOX				e		05 01 01.2	
MOX	comp=Z,2.2um,17.0s	Moxa	42.36 307	eP	P	04 59 20.6	+0.8
MOX				e		05 01 01.2	
MOX	comp=Z,5.3nm,2.0s,mb4.8				Pmax		
MOX	comp=Z,2.2um,17.0s,MSS.0				MLR		
MOX	comp=Z,2.26nm,1.5s,mb4.6				P	04 59 20.5	+0.7
MOX				eP	PP	04 59 24.8	-0.8
MOX				ePP	PP	05 01 00.2	+2.3
MOR8	comp=Z,2.2um,17.0s	Moi Rana	42.37 331	eP	P	04 59 18.2	-1.5
MOR8				Amb	AMB	04 59 39.1	
GRA1	comp=Z,5.2nm,1.5s,mb5.0	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRA1				eP	PP	04 59 28.0	-0.4
GRA1				ePP	PP	05 01 02.7	+1.2
GRA1				eS	SS	05 05 00.3	+5.3
GRA1				eS	SS	05 09 02.0	+6.6
GRF	comp=Z,1.1um,18.6s,MSS.8	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRF				e	P	05 01 02.7	
GRF				eS	S	05 05 50.3	+5.3
GRF	comp=Z,9.6nm,1.6s,mb5.3				Pmax		
GRF	comp=Z,2.2um,17.0s,MSS.0				MLR		
GRF	comp=Z,2.26nm,1.5s,mb4.6				P	04 59 20.5	+0.7
GRF				eP	PP	04 59 24.8	-0.8
GRF				ePP	PP	05 01 00.2	+2.3
MOR8	comp=Z,2.2um,17.0s	Moi Rana	42.37 331	eP	P	04 59 18.2	-1.5
MOR8				Amb	AMB	04 59 39.1	
GRA1	comp=Z,5.2nm,1.5s,mb5.0	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRA1				eP	PP	04 59 28.0	-0.4
GRA1				ePP	PP	05 01 02.7	+1.2
GRA1				eS	SS	05 05 00.3	+5.3
GRA1				eS	SS	05 09 02.0	+6.6
GRF	comp=Z,1.1um,18.6s,MSS.8	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRF				e	P	05 01 02.7	
GRF				eS	S	05 05 50.3	+5.3
GRF	comp=Z,9.6nm,1.6s,mb5.3				Pmax		
GRF	comp=Z,2.2um,17.0s,MSS.0				MLR		
GRF	comp=Z,2.26nm,1.5s,mb4.6				P	04 59 20.5	+0.7
GRF				eP	PP	04 59 24.8	-0.8
GRF				ePP	PP	05 01 00.2	+2.3
MOR8	comp=Z,2.2um,17.0s	Moi Rana	42.37 331	eP	P	04 59 18.2	-1.5
MOR8				Amb	AMB	04 59 39.1	
GRA1	comp=Z,5.2nm,1.5s,mb5.0	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRA1				eP	PP	04 59 28.0	-0.4
GRA1				ePP	PP	05 01 02.7	+1.2
GRA1				eS	SS	05 05 00.3	+5.3
GRA1				eS	SS	05 09 02.0	+6.6
GRF	comp=Z,1.1um,18.6s,MSS.8	Grafenberg Arr	42.70 306	eP	P	04 59 24.1	+1.5
GRF				e	P	05 01 02.7	
GRF				eS	S	05 05 50.3	+5.3
GRF	comp=Z,9.6nm,1.6s,mb5.3				Pmax		
GRF	comp=Z,2.2um,17.0s,MSS.0				MLR		
GRF	comp=Z,2.26nm,1.5s,mb4.6				P	04 59 20.5	+0.7
GRF				eP	PP	04 59 24.8	-0.8
GRF				ePP	PP	05 01 00.2	+2.3
MOR8	comp=Z,2.2um,17.0s	Moi Rana	42.37 331	eP	P	04 59 18.2	-1.5
MOR8				Amb	AMB	04 59 39.1	

GRF	comp=Z,1.1um,18.6s	Grafenberg	42.70 306	eP	Pmax	04 59 23.9	+1.3
GRF				e	P	04 59 23.9	+1.3
GRF	comp=Z,5.3nm,1.3s,mb5.1	Grafenberg	42.70 306	eP	P	04 59 23.9	+1.4
GRF				eP	P	04 59 23.9	+1.4
WTTA	comp=Z,3.4nm,1.1s,mb5.0,SNR=8.4	Wattenberg	42.72 302	iP	P	04 59 23.0	+0.2
WTTA				iP	P	05 01 06.0	
CN2	comp=Z,5.0nm,1.8s	Changchun	42.73 63	eP	P	04 59 23.0	+0.1
CN2				eP	SP	04 59 31.8	+0.8
CN2				eP	PP	05 01 04.5	+2.6
CN2				eP	SCP	05 05 04.8	+0.6
CN2				eS	S	05 05 44.3	-1.2
CN2				eS	SS	05 08 47.9	-8.2
CN2	comp=Z,10.0nm,0.9s,mb4.5			AMB	AMB		
CN2	comp=Z,2.00nm,4.0s			AMB	AMB		
CN2	comp=N,3um,12.0s,MSS.7			LR	LR		
CN2	comp=E,5um,12.0s,MSS.7			LR	LR		
CN2	comp=Z,7um,13.0s,MSS.7			LR	LR		
WATA	comp=Z,6.1nm,0.4s,mb4.7	Walderalm	42.75 302	iP	P	04 59 23.8	+0.9
WATA				iP	P	04 59 23.8	+0.8
WATA	comp=Z,6.0nm,0.4s,mb4.7	NORSAR Subarra	42.80 323	P	P	04 59 21.9	-1.3
WATA				P	P	04 59 22.4	-0.9
NOA	comp=Z,2.4nm,0.8s,mb5.0,baz=96,slow=8.6	NORSAR Array B	42.80 323	P	P	04 59 22.4	-0.9
NOA	comp=Z,2.4nm,0.8s,mb5.0,baz=97,slow=8.1,SNR=28			PP	PP	05 01 04.0	+1.5
NOA	comp=Z,4.6nm,0.8s,baz=84,slow=10,SNR=38			LR	LR	05 18 48.2	
NOA	comp=Z,2um,18.1s,MSS.1,baz=85,slow=38	NORSAR Array B	42.80 323	P	P	04 59 22.4	-0.8
NOA				P	P	05 01 04.0	+1.5
NOA	comp=Z,2.4nm,0.8s				Pmax		
NOA	comp=Z,5.0nm,0.8s				Pmax		
NOA	comp=Z,2um,18.1s	NORSAR Array B	42.80 323	P	P	04 59 22.4	-0.8
NOA				PP	PP	05 01 04.0	+1.5
NOA				LR	LR	05 18 48.2	
FUR	comp=Z,3.1nm,0.9s,mb5.0	Furstenfeldbru	42.84 304	eP	P	04 59 24.5	+0.8
FUR				eP	PP	05 01 03.1	+0.1
NAO01	comp=Z,3.1nm,0.9s,mb5.0	NORSAR Array S	42.94 322	eP	P	04 59 22.8	-1.5
NAO01				eP	P	04 59 25.5	+0.7
BSEG	comp=Z,2.2nm,1.1s,mb4.8	Bad Segeberg	42.98 312	eP	P	04 59 25.5	+0.7
BSEG				e	Pmax		
BSEG	comp=Z,2.2nm,1.1s,mb4.8	Bad Segeberg	42.98 312	eP	P	04 59 25.5	+0.7
BSEG				eP	PP	05 01 03.2	-1.3
SOTA	comp=Z,2.1nm,1.0s,mb4.8	Sankt Quirin	43.01 302	iP	P	04 59 25.3	+0.2
SOTA				iP	P	04 59 25.3	+0.2
CLZ	comp=Z,2.1nm,1.0s,mb4.8	Clausthal	43.06 309	eP	P	04 59 26.1	+0.7
CLZ		</					

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Dourbes, La Moure, Baives, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like La Foliniere, Valboisere, La Frestale, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like MA2, EVIA, EBU, etc.

MORF	Marlette	59.98 296	eLR	LR	05 26 56.5
PETK	Petrovavlovsk	60.58 44	P	SNR=17	05 01 35.5 -0.6
PETK	comp-Z, 8.45nm, 18.4s, MS4.9, b, baz=292, slow=37				05 29 08.6
PET	Petrovavlovsk	61.14 44	eP	P	05 01 42.8 +2.9
PET			eS	S	05 04 01.5
PET			ePS	S	05 09 55.7 -2.4
PET			eS	S	05 11 27.0
PET			eSS	SS	05 13 56.1 -1.3
PET	comp-Z, 2300nm, 4.1s			pmax	
PET	comp-Z, 1.00nm, 11.8s			MLR	MLR
PET	comp-Z, 1.1um, 16.0s, MS5.2			MLR	MLR
TOAO	Torodi Ar. Sit	64.11 267	eP	P	05 01 59.3 -1.0
TORD	Torodi Ar. Bea	64.11 267	P	P	05 01 59.3 -0.9
LRZ	comp-Z, 2.1nm, 0.9s, mb5.2, baz=41, slow=6.2, SNR=60				05 33 50.7
TSRD	comp-Z, 790nm, 19.2s, MS4.9, b, baz=60, slow=40				
LSZ	Lusaka	64.81 224	eP	P	05 02 05.3 +0.6
LSZ	comp-Z, 1.8nm, 0.8s, mb5.2			pmax	
LSZ	comp-Z, 1.8nm, 0.8s, mb5.2			pmax	
SFJD	Kangerlussuaq	66.47 338	iP	P	05 02 14.9 +0.6
SFJD			iS	S	05 11 06.1 +2.2
SFJD	comp-Z, 37nm, 0.8s, mb5.5			pmax	
SFJD	comp-Z, 680nm, 18.0s, MS4.9			MLR	MLR
SFJD	Kangerlussuaq	66.47 338	iP	P	05 02 14.9 +0.1
SFJD	comp-Z, 37nm, 0.8s, mb5.5			iS	S
SFJD	comp-Z, 670nm, 18.0s			iS	S
SFJD	Kangerlussuaq	66.47 338	eP	P	05 02 14.7 -0.1
RES	Resolute Bay	67.84 355	eP	P	05 02 24.2 +0.8
RES	comp-Z, 2.25nm, 1.1s, mb6.2				
IMA2	Indian Mountai	71.90 17	eP	P	05 02 48.7 +0.2
DBIC	Dimbokro	73.11 266	eP	P	05 02 55.9 -0.7
DBIC	comp-Z, 1.1nm, 1.0s, mb4.7, baz=48, slow=6.5, SNR=4.3				05 38 12.0
DBIC	Dimbokro	73.11 266	eP	P	05 02 55.9 -0.6
DBIC	comp-Z, 1.1nm, 1.0s			pmax	
DBIC	comp-Z, 1.1nm, 1.0s			MLR	MLR
DBIC	Dimbokro	73.11 266	eP	P	05 02 55.2 -1.3
KIC	Kosan Boka	73.20 265	eP	P	05 02 55.9 -1.2
KIC	comp-Z, 1.41nm, 1.1s, mb5.8				
TIC	Toumoudi	73.25 266	eP	P	05 02 55.4 -2.0
TIC	comp-Z, 2.38nm, 1.4s, mb5.9				
INWIK	Inuwik	73.43 9	eP	P	05 02 58.4 -0.8
LIC	Lamto	73.51 265	eP	P	05 02 57.3 -1.6
LIC	comp-Z, 1.08nm, 1.4s, mb5.3			eMLR	MLR
LIC	comp-Z, 905nm, 19.8s, MS4.8			MLR	MLR
LIC	Lamto	73.51 265	eP	P	05 02 57.2 -1.7
LIC	comp-Z, 1.63nm, 2.0s, mb5.6				
LIC	Lamto	73.51 265	eP	P	05 02 57.3 -1.6
LIC	comp-Z, 54nm, 1.4s, mb5.3			LR	LR
TTA	Tatalina	73.89 20	eP	P	05 03 00.8 +0.5
TSUM	Tsumeb	74.11 230	eP	P	05 03 02.7 +0.6
TSUM	comp-Z, 2.28nm, 0.9s, mb5.2				
LBTB	Lobatsse	74.15 220	eP	P	05 03 02.1 +0.5
LBTB	comp-Z, 2.26nm, 1.0s, mb5.1			pmax	
COLA	College	74.21 15	eP	P	05 03 02.7 +0.5
COLA	comp-Z, 4.1nm, 0.9s, mb5.4			pmax	
COLA	College	74.21 15	eP	P	05 03 02.6 +0.5
COLA	comp-Z, 4.1nm, 0.9s, mb5.4			pmax	
MCK	McKinley	74.97 16	eP	P	05 03 07.2 +0.6
MCK	comp-Z, 4.1nm, 0.9s, mb5.4			pmax	
MCK	McKinley	74.97 16	eP	P	05 03 07.2 +0.6
MCK	comp-Z, 1.9nm, 1.0s, mb5.0			pmax	
MBWA	Marble Bar	75.24 132	eP	P	05 03 08.0 -0.7
MBWA	comp-Z, 4.9nm, 1.2s, mb5.0				
SVW2	Sparrevohn	75.50 21	eP	P	05 03 10.7 +1.0
EGAK	Eagle	75.60 13	eP	P	05 03 10.1 -0.1
FITZ	Fitzroy Crossi	76.65 125	eP	P	05 03 15.8 -1.0
FITZ	comp-Z, 3.0nm, 1.2s, mb5.1				
PMR	Palmer	76.78 18	eP	P	05 03 16.8 -0.1
PMR	comp-Z, 2.2nm, 0.9s, mb5.1			pmax	
PMR	Palmer	76.78 18	eP	P	05 03 16.8 -0.1
PMR	comp-Z, 8.0nm, 1.0s, mb4.6				
BOSA	Boshof	77.28 219	P	P	05 03 19.8 -0.3
BOSA	comp-Z, 8.2nm, 1.0s, mb4.9				
BOSA	Boshof	77.28 219	P	P	05 03 19.8 -0.3
BOSA	comp-Z, 1.1nm, 1.0s, mb5.0, baz=32, slow=6.3, SNR=13			LR	LR
BOSA	comp-Z, 3.65nm, 19.3s, MS4.7, baz=32, slow=37				05 39 17.1
BOSA	Boshof	77.28 219	P	P	05 03 19.8 -0.3
BOSA	comp-Z, 1.8nm, 1.0s, mb5.0			pmax	
BOSA	comp-Z, 1.8nm, 1.0s, mb5.0			MLR	MLR
YKA	Yellowknife Ar	80.57 2	P	P	05 03 36.9 -0.8
YKA	comp-Z, 3.65nm, 19.3s, MS4.7				
YKA	Yellowknife Ar	80.57 2	P	P	05 03 36.9 -0.8
YKA	comp-Z, 5.9nm, 0.7s, mb4.6, baz=352, slow=5.3, SNR=20				
YKA	Yellowknife Ar	80.57 2	P	P	05 03 36.9 -0.8
SCHO	Schefferville	80.76 336	P	P	05 03 38.9 -0.1
SCHO	comp-Z, 6.0nm, 0.7s			pmax	
SCHO	Schefferville	80.76 336	P	P	05 03 38.9 -0.1
SCHO	comp-Z, 9.8nm, 0.7s, mb4.8, baz=42, slow=6.7, SNR=11				
SCHO	Schefferville	80.76 336	P	P	05 03 39.3 +0.3
SKAG	Skagway	81.57 12	eP	P	05 03 44.1 +0.9
SKAG	comp-Z, 1.4nm, 0.9s, mb4.9				
SUR	Sutherland	82.56 219	eP	P	05 03 49.3 +0.7
SUR	comp-Z, 6.4nm, 0.7s, mb4.7				
FCC	Fort Churchill	83.31 351	eP	P	05 03 52.5 +0.2
FCC	comp-Z, 1.1nm, 0.9s, mb4.9			pmax	
FCC	Fort Churchill	83.31 351	eP	P	05 03 52.5 +0.2
FCC	comp-Z, 2.25nm, 1.1s, mb5.2			pmax	
FCC	Fort Churchill	83.31 351	eP	P	05 03 52.5 +0.2
DLBC	Dease Lake	83.37 10	eP	P	05 03 53.5 +0.9
DLBC	comp-Z, 2.5nm, 1.1s, mb5.2				
WRA	Warramunga Arr	83.78 121	P	P	05 03 53.2 -2.0
WRA	comp-Z, 9.9nm, 0.8s, mb5.0, baz=324, slow=4.7, SNR=51				
WRA	Warramunga Arr	83.78 121	P	P	05 03 53.2 -2.0
WRA	comp-Z, 1.49nm, 20.2s, MS4.4, baz=10.0, slow=39			LR	LR
WRA	Warramunga Arr	83.78 121	P	P	05 03 53.2 -2.0
WRA	comp-Z, 1.0nm, 0.9s			pmax	
WRA	Warramunga Arr	83.78 121	P	P	05 03 53.5 -1.7
WRA	comp-Z, 2.29nm, 0.9s, mb5.4			pmax	
WRA	Tennant Creek	83.78 121	P	P	05 03 53.4 -1.8
WRA	comp-Z, 1.49nm, 20.2s			MLR	MLR
WRAB	Tennant Creek	83.78 121	P	P	05 03 53.5 -1.7
WRAB	comp-Z, 1.69nm, 0.8s, mb6.2, SNR=7.6				
WRAB	Tennant Creek	83.78 121	P	P	05 03 53.5 -1.7
WRAB	comp-Z, 2.29nm, 0.9s, mb5.4			pmax	
WRAB	Tennant Creek	83.78 121	eP	P	05 03 53.5 -1.7
WRAB	comp-Z, 2.29nm, 0.9s, mb5.4			pmax	
WB2	Warramunga Arr	83.78 121	iP	P	05 03 53.1 -2.1
WB2	comp-Z, 2.29nm, 0.9s, mb5.4				
ASAR	Alice Springs	86.03 124	P	P	05 04 04.5 -1.9
ASAR	comp-Z, 0.5nm, 0.6s, mb5.0, baz=310, slow=4.9, SNR=66				
ASAR	Alice Springs	86.03 124	P	P	05 04 04.5 -1.9
ASAR	comp-Z, 0.5nm, 0.6s, mb5.0, baz=310, slow=4.9, SNR=66				
ASAR	Alice Springs	86.03 124	P	P	05 04 04.5 -1.9
ASAR	comp-Z, 6.0nm, 0.6s			pmax	
FORT	Forrest	87.37 132	eP	P	05 04 11.6 -1.2
FORT	comp-Z, 2.9nm, 0.8s, mb5.9				
FFC	Flin Flon	88.07 355	P	P	05 04 20.4 +4.4
FFC	comp-Z, 8.2nm, 0.9s, mb6.0, SNR=5.1				
FFC	Flin Flon	88.07 355	eP	P	05 04 15.4 -0.6
FFC	comp-Z, 1.8nm, 1.1s, mb5.2			pmax	
FFC	Flin Flon	88.07 355	eP	P	05 04 15.4 -0.6
FFC	comp-Z, 1.8nm, 1.1s, mb5.2				
EDM	Edmonton	89.89 1	eP	P	05 04 26.1 +1.6
EDM	comp-Z, 1.8nm, 1.1s, mb5.2				
ULM	Lac du Bonnet	91.86 350	P	P	05 04 33.4 -0.4
ULM	comp-Z, 4.7nm, 0.9s, mb4.8, baz=352, slow=7.1, SNR=3.2				
CTAO	Charters Tower	92.34 113	eP	P	05 04 33.4 -3.0
CTAO	comp-Z, 2.1nm, 0.9s, mb4.5			pmax	

CTAO	Charters Tower	92.34 113	eP	P	05 04 33.4 -3.0
CTAO	comp-Z, 2.9nm, 1.1s, mb5.5				
ETMO	Ely	93.42 947	eP	P	05 04 44.2 +1.2
ETMO	comp-Z, 2.1nm, 1.1s, mb5.2				
WALA	Waterton Lakes	94.70 2	eP	P	05 05 42.5 +0.7
WALA	comp-Z, 5.1nm, 0.7s, mb4.5				
NEW	Newport	94.70 4	eP	P	05 04 48.4 +1.5
NEW	comp-Z, 6.0nm, 0.9s			pmax	
NEW	Newport	94.70 4	eP	P	05 04 48.4 +1.5
NEW	comp-Z, 6.0nm, 0.9s			pmax	
COWI	Conover	94.73 345	eP	P	05 04 47.5 +0.5
COWI	comp-Z, 2.2nm, 1.2s, mb5.0				
EGMT	Eagleton	95.11 359	eP	P	05 04 50.2 +1.5
EGMT	comp-Z, 8.2nm, 1.1s, mb5.0				
CHMT	Chamberlain Mo	96.20 2	eP	P	05 04 55.0 +1.2
CHMT	comp-Z, 2.1nm, 0.7s, mb4.5, baz=36, slow=8.3, SNR=2.6				
STKA	Stephens Creek	96.55 125	eP	P	05 04 54.5 -0.9
STKA	comp-Z, 1.5nm, 0.7s, mb4.5, baz=36, slow=8.3, SNR=2.6				
BOZ	Bozeman (W)	97.49 0	eP	P	05 05 01.9 +2.3
BOZ	comp-Z, 2.0nm, 0.9s, mb4.5			pmax	
BOZ	Bozeman (W)	97.49 0	eP	P	05 05 01.9 +2.3
BOZ	comp-Z, 2.0nm, 0.9s, mb4.5				
ECSO	EROS, Sioux Fal	98.35 349	eP	P	05 05 03.4 -0.1
ECSO	comp-Z, 2.6nm, 1.0s, mb5.1				
CNCC	Cliffs of the	101.58 353	ePdf	P	05 05 17.8 -0.2
CNCC	comp-Z, 2.3nm, 0.9s, mb4.6				
MVCO	Mesa Verde	105.99 338	ePKP	P	05 05 21.7 +2.1
MVCO	comp-Z, 2.3nm, 0.9s, mb4.6				
GLA	Glamis	109.98 9	ePKP	P	05 05 59.2 +1.9
GLA	comp-Z, 2.3nm, 0.9s, mb4.6				
TXAR	Lajitas Array	113.42 353	PKPbcb	P	05 20 48.5 +0.7
TXAR	comp-Z, 0.5nm, 0.9s, baz=160, slow=4.0, SNR=3.6				
TXAR	Lajitas Array	113.42 353	PKPbcb	P	05 20 48.5 +0.7
TXAR	comp-Z, 0.5nm, 0.9s, baz=160, slow=4.0, SNR=3.6				
QSPA	South Pole Site	127.04 180	ePKP	P	05 20 59.0 +0.6
QSPA	comp-Z, 1.3nm, 0.8s, baz=177, slow=7.9, SNR=1.1				
QSPA	South Pole Site	127.04 180	ePKP	P	05 20 59.0 +0.6
QSPA	comp-Z, 1.3nm, 0.8s, baz=177, slow=7.9, SNR=1.1				
CPUP	Villa Florida	133.60 267	PKP	P	05 10 42.4 -0.1
CPUP	comp-Z, 2.6nm, 0.7s, baz=32, slow=9.9, SNR=7.6				
CPUP	Villa Florida	133.60 267	PKP	P	05 10 42.4 -0.1
CPUP	comp-Z, 2.6nm, 0.7s, baz=32, slow=9.9, SNR=7.6				
PMSP	Villa Florida	133.60 267			

Table with columns: BLA, BLA, comp-Z, 24nm, 1.1s, mb4.5, 25.11 16 eP, pP, 05 09 27.5 0.0, etc. Lists various locations and their associated data points.

Table with columns: PFO, PFO, comp-Z, 339nm, 21.8s, baz=0.9, slow=37, 32.32 314 P, P, 05 10 16.5 +0.6, etc. Lists various locations and their associated data points.

Table with columns: MOOW, MOOW, comp-Z, 4.0nm, 0.8s, baz=36, SNR=6.3, 35.85 325 eP, pP, 05 13 10.8 -1.6, etc. Lists various locations and their associated data points.

ISC 22 15:03:41.2-1.1, 1238N,005.1255E,01,h44km,10km,n27,
+090/30,mb4.1/1, AZ, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, CNP Caturman, PLP Palo, OCLP Ormoc, etc.

ISC 22 15:21:29.6-2.2, 2218N,14458E, h61km,47km,mb3.2/4,
mb1 3.4/5,mb1mx3.2/21,mbtm3.4/5,ML4.0/1, Error
ellipse: s-maj=193.3km s-min=24.2km az=75.0, Volcano
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, KRSR Korea Array, WRA Warramunga Arr, etc.

NEIC 22 15:25:27.3-2.4, 1770S,17801W, h522km,27km,mb4.0/7,
Error ellipse: s-maj=22.6km s-min=15.6km az=174.0
ISCJB 22 15:25:35.1-3.8, 178S,01x178W,01,h62km,49km,
mb3.8/17, Error ellipse: s-maj=22.6km s-min=17.2km
az=143.6

ISC 22 15:25:36.8-3.1, 1774S,17823W, h632km,38km,mb3.1/12,
mb1 3.4/12,mb1mx3.3/17,mbtm3.1/12, Error ellipse:
s-maj=21.9km s-min=13.9km az=141.0
ISC 22 15:25:27.0-2.6, 177S,01x178W,01,h513km,32km,n29,
+079/23,mb3.8/17, Fiji Islands region

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

THE 22 15:25:42.0, 3833N,2040E, h10km,ML2.7
ISCJB 22 15:25:42.9-1.9, 3833N,005.205E,02,h0km,11km, Error
ellipse: s-maj=21.9km s-min=6.4km az=167.7
CSEM 22 15:25:42.3-0.3, 3832N,2038E, h2km,ML2.7, Error
ellipse: s-maj=6.4km s-min=3.3km az=85.0
ATH 22 15:25:42.5, 3829N,2040E, h6km,MD3.2/4,
ISC 22 15:25:43.2-2.0, 3833N,005.205E,02,h5km,9km,n7,
+087/12, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Anninata, LKD Levkas, etc.

RLS Ithomi 1.63 134 ePB Sb 15 26 11.1 -0.6
THL Kokkotos Trika 1.73 44 ePN Pb 15 26 13.8 +0.1
15 26 16.0 +2.2

ISCJB 22 15:28:36.4-0.7, 79S,01x681E,01,h10km,mb4.0/9,
MS3.5/2, Error ellipse: s-maj=20.3km s-min=17.8km
az=22.2

IDC 22 15:28:37.3-0.8, 791S,6803E, h0km,mb3.9/7,mb1 4.0/7,
mb1mx3.7/24,mbtm3.9/7,MS3.5/2,Ms1 3.5/2,
ms1mx3.0/28, Error ellipse: s-maj=28.3km s-min=23.4km
az=3.0

NEIC 22 15:28:38.6-0.4, 791S,6802E, h10km,mb4.4/2, Error
ellipse: s-maj=15.5km s-min=13.3km az=12.0
ISC 22 15:28:38.6-0.7, 79S,01x680E,01,h10km,n15,+090/61/1,
mb4.0/9,MS3.5/2,Chagos Archipelago region

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

ISC 22 15:34:54.6-3.6, 1720S,17503W, h0km,mb4.1/3,
mb1 4.3/3,mb1mx3.8/16,mbtm3.4/13,MS3.8/1,Ms1 3.8/1,
ms1mx2.8/28, Error ellipse: s-maj=167.3km
s-min=74.6km az=155.0, Tonga Islands

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

ISCJB 22 15:42:05.7-0.5, 3179N,005x13874E,009,h393km,6km,
mb3.4/6, Error ellipse: s-maj=12.2km s-min=8.6km az=63.4
NEIC 22 15:42:06.4-1.2, 3160N,138.12E, h364km,19km,mb3.9/1,
Error ellipse: s-maj=63.8km s-min=14.2km az=77.0

IDC 22 15:42:06.4-0.8, 3159N,138.39E, h367km,13km,mb3.0/5,
mb1 3.0/9,mb1mx2.9/24,mbtm3.0/9, Error ellipse:
s-maj=37.4km s-min=9.8km az=72.0
JMA 22 15:42:07.6-0.5, 3192N,138.76E, h387km,4km,MS3.6,
ISC 22 15:42:07.3-0.5, 3191N,006x13879E,010,h392km,6km,
n34,+1919/48,mb3.4/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachijo jima, JHJ2 Mitsune, etc.

0.7nm,0.5s,baz=94,slow=7.6,SNR=28
ASAR Alice Springs 45.80 254 P P 15 54 12.3 0.0
2.1nm,0.5s,baz=92,slow=7.6,SNR=64
VDA Vanda 60.74 185 P P 15 56 01.5 0.0
1.4nm,0.6s,baz=13,slow=4.5,SNR=3.1
NVAR Mina Array Bea 78.59 43 P P 15 57 52.5 +0.4
0.5nm,0.6s,baz=218,slow=7.6,SNR=4.2
TXAR Lajitas Array 85.05 57 P P 15 58 26.5 +0.1
0.2nm,0.6s,baz=214,slow=7.7,SNR=3.0

WEL 22 15:45:48.6-1.9, 3983S,1797E, h180km,ML3.9/6, Error
ellipse: s-maj=19.7km s-min=12.2km az=90.0, Off east
coast of North Island

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

ISCJB 22 15:50:23.6-0.5, 4691N,006x15567E,009,h10km,
mb4.1/31, Error ellipse: s-maj=10.8km s-min=6.3km
az=135.7
IDC 22 15:50:23.8-0.7, 4684N,15579E, h0km,mb4.0/14,
mb1 4.2/16,mb1mx4.1/23,mbtm4.0/16,ML3.9/2,MS2.9/1,
Ms1 2.9/1,ms1mx2.4/36, Error ellipse: s-maj=20.1km
s-min=16.1km az=131.0

SKHL 22 15:50:24.8-3.5, 4721N,15575E, h91km,41km,mb5.0/2,
NEIC 22 15:50:25.3-0.7, 4692N,15577E, h10km,mb4.4/14, Error
ellipse: s-maj=15.4km s-min=12.5km az=136.0
MOS 22 15:50:27.0-1.5, 4697N,15558E, h39km,mb4.4/20, Error
ellipse: s-maj=11.6km s-min=9.0km az=95.9

ISC 22 15:50:25.6-0.5, 4689N,006x15570E,009,h10km,n71,
+1917/5,mb4.1/31, 2C-ID, East of Kuril Islands

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

Table with columns: EKSZ, Erkin-Say, 55.77 298 eP, P, 16 00 03.4 +1.0, ARU, Arti, 56.10 318 d i P, P, 16 00 04.6 +0.1, etc.

IDC 22 16:04:00.0, 0.6, 4642N, 15297E, h0km, mb4.2/16, mb1.4/4.18, mb1mx4.3/24, mbtmp4.2/18, ML3.7/2, MS4.1/20, MS4.1/20, ms1mx3.9/34, Error ellipse: s-maj=17.9km s-min=14.4km az=150.0

NIED 22 16:05:00.4630N, 15350E, h11km, Mv4.6 Best double couple: M=1.03000, 1016 NP1.30231, 00000, 890.00000, lambda=130.00000, NP2.30140, 00000, delta=0.00000, lambda=1.00000

BUI 22 16:05:01.0, 4668N, 15320E, h21km, mb4.9, mb4.6, Ms4.5, Ms4.4

SKHL 22 16:05:01.3, 0.7, 4631N, 15348E, h69km, 37km, mb5.4/4, mbh5.1/2, Ms4.5/4, msh5.4/2

ISCJB 22 16:05:02.4, 0.3, 4620N, 15323E, 0.05, h33km, mb4.6/75, MS4.2/31, Error ellipse: s-maj=7.2km s-min=2.9km az=141.9

MOS 22 16:05:03.1, 1.1, 4633N, 15319E, h35km, mb4.8/36, MS4.1/20, Error ellipse: s-maj=8.7km s-min=5.5km az=98.9

NEIC 22 16:05:03.1, 2.5, 4642N, 15311E, h19km, 15km, mb4.7/41, MS4.4/3, Error ellipse: s-maj=8.7km s-min=5.4km az=151.0

SZGRF 22 16:05:04.3, 4607N, 15341E, h33km, mb4.7, Kuril Islands, Russia

ISC 22 16:05:03.5, 1.0, 4634N, 15317E, 0.06, h23km, 7km, h3km, 4.7km, pP-P, n264, c1917/269, mb4.6/75, MS4.2/31, 24C-10D, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, Kuril'sk, 3.87 255 eP, Pn, 16 06 02.5 +1.0, etc.

Table with columns: SKR, comp=Z, 3um, 14.0s, AMS, AMS, 16 08 08.0, YUK, Yuzh-Kuril'sk, 5.66 249 eP, Pn, 16 06 27.0 +1.0, etc.

Table with columns: MA2, comp=Z, 500nm, 14.0s, MLR, MLR, MA2, Magadan, 13.34 355 eP, Pn, 16 08 11.1 +0.1, MJAR, Matsushiro, 14.87 234 Pn, Pn, 16 08 31.4 -0.7, etc.

22d 16h

Table of station data for 22d 16h, including station names like LSA, RES, YKA, etc., and their corresponding coordinates and status.

2007 JUN

Table of station data for 2007 JUN, including station names like STHS, KOLS, BUAI, etc., and their corresponding coordinates and status.

656

Table of station data for 656, including station names like LOR, CABF, AVF, etc., and their corresponding coordinates and status.

PGC 22 16:11.7:86.0, 6337N:14185W, h15km, ML4.4/3, Mw3.8, 142km Jws of Dawson, Yt Central Alaska

NEIC 22 16:11.05:4, 6307N:14334W, h0km, ML3.2(AEIC), ML3.5(PMR), MW3.8(PGC), 4D, After AEIC., Central Alaska

Table of station data for 656, including station names like Code, Station Name, Az, Phase, ID, Time, Res, etc., and their corresponding coordinates and status.

ISCJB 22 16:57.0:0.6, 3894N:002:2639E=005, h5km, 6km, Error ellipse: s-maj=7.1km s-min=3.6km az=172.6

HOPS	baz=83	82.66	48	↑P	P	17 45 03.8 +2.2
KIPM	Iron Peak	82.66	47	↑P	P	17 45 04.0 -0.1
BNLO	Ben Leonard (Sa	82.66	50	↑P	P	17 45 03.3 +1.7
JRSC	Jasper Ridge	82.71	50	↑P	P	17 45 03.5 +1.7
IRK	irkutsk	82.80	327	↑P	P	17 45 01.0 -1.0
IRK				e	pP	17 45 12.0 -4.0
IRK				e	pmax	
TLY	comp=Z,63nm,1.9s,mb5.8	82.87	326	↑P	P	17 45 02.0 -0.3
TLY	Talaya	82.87	326	↑P	P	17 55 21.3 +4.2
TLY				eS	S	17 56 37.0
TLY				ePS	pmax	
TLY	comp=Z,51nm,1.0s,mb5.5	82.87	326	eP	P	17 45 01.9 -0.4
CVS	comp=Z,33nm,0.9s,mb5.4	82.88	49	↑P	P	17 45 04.5 +1.8
CVS	Carmenet Viney	82.88	49	↑P	P	17 45 04.5 +1.8
IMA2	Indian Mountai	82.90	15	eP	P	17 45 01.5 -0.7
M01C	Crescent City	82.97	45	↑P	P	17 45 05.7 +2.6
V03C	Hunter Liggett	82.99	51	↑P	P	17 45 05.3 +2.0
MNRC	McLaughlin Nat	83.08	48	↑P	P	17 45 05.4 +1.7
LSA	Lhasa	83.08	302	↑P	P	17 45 04.8 +0.8
LSA				XP	S	17 45 23.1 -0.3
LSA				S	LR	17 55 20.8 +0.5
LSA	comp=E,440nm,22.3s			LR	LR	
LSA	comp=Z,540nm,25.2s,MS4.8	83.08	302	↑P	P	17 45 05.3 +1.4
N02C	Big Bar	83.16	46	↑P	P	17 45 05.5 +1.4
PACP	Pacheco Peak	83.29	50	↑P	P	17 45 06.5 +1.6
O02C	Red Bluff	83.29	47	↑P	P	17 45 06.3 +1.5
S04C	Ingram Canyon,	83.42	50	↑P	P	17 45 07.1 +1.5
U04C	Hernandez Rese	83.45	51	↑P	P	17 45 06.6 +0.9
WDC	Whiskeytown Da	83.61	47	eP	P	17 45 08.1 +1.7
WDC				e	pmax	
WDC	comp=Z,38nm,1.5s,mb5.3	83.61	47	eP	P	17 45 08.1 +1.7
COLA	Colleges	83.65	18c	↑P	P	17 45 04.3 -1.7
M02C	Callahan	83.69	46	↑P	P	17 45 08.3 +1.5
YBH	Yreka Blue Hor	83.91	45	eP	P	17 45 07.6 -0.3
YBH				e	pmax	
YBH	comp=Z,21nm,1.1s	83.91	45	↑P	P	17 45 09.3 +1.4
YBH	Yreka Blue Hor	83.91	45	eP	P	17 45 07.6 -0.3
YBH				e	pmax	
YBH	comp=Z,21nm,1.1s,mb5.2	83.92	44	↑P	PP	17 48 33.8 +1.2
J02A	Umpqua	83.92	44	↑P	P	17 45 09.2 +1.2
OHCM	Honcut	83.94	48	↑P	PP	17 45 07.0 -1.1
OHCM				eP	PP	17 48 31.9 +1.0
I02A	Mapleton	83.99	43	↑P	P	17 45 08.4 +0.1
ORV	Oroville	84.00	48	↑P	P	17 45 08.7 +0.2
HUMO	Hull Mountain	84.06	44	P	P	17 45 09.0 +0.3
HUMO	Hull Mountain	84.06	44	eP	P	17 45 08.3 -0.4
HUMO				ePP	PP	17 48 28.6 +5.2
H02A	Toledo	84.13	42	↑P	PP	17 45 09.8 +0.8
M03C	McCloud	84.16	46	↑P	P	17 45 10.3 +1.1
LAVA	Lava Cap Winer	84.28	49	↑P	P	17 45 11.1 +1.2
CMB	Columbia Colle	84.30	49	eP	P	17 45 10.0 0.0
CMB				e	pmax	
CMB	comp=Z,9.0nm,0.8s,mb5.0	84.30	49	↑P	P	17 45 11.0 +1.0
CMB	Columbia Colle	84.30	49	eP	P	17 45 10.0 -0.1
MAW	Mawson	84.41	202	↑P	P	17 45 09.1 -0.9
MAW				e	pmax	
MAW	comp=Z,28nm,1.1s,mb5.3	84.41	202	P	P	17 45 09.3 -0.7
MAW				LR	LR	18 16 59.3
MAW	comp=Z,60nm,19.6s,MS5.0,baZ=83,slow=32	84.41	202	↑P	P	17 45 09.1 -0.9
MAW				e	pmax	
HATC	Hat Creek Radi	84.46	47	↑P	P	17 45 11.8 +1.0
T06C	Millerton Lake	84.48	51	↑P	P	17 45 11.2 +0.2
M04C	Macdoel	84.54	46	↑P	P	17 45 12.1 +1.0
O05C	Quincy	84.56	48	↑P	P	17 45 12.0 +0.7
O04C	Chester	84.56	47	↑P	P	17 45 12.0 +0.7
P05C	Yuba Gap, Truc	84.56	48	↑P	P	17 45 12.1 +0.8
H03A	Soap Creek Ran	84.60	42	↑P	P	17 45 12.3 +1.0
L04A	Klamath Falls	84.64	45	↑P	P	17 45 12.4 +0.8
S06C	San Francisco	84.66	50	↑P	P	17 45 12.7 +0.9
R04C	Kirkwood Meado	84.75	49	↑P	P	17 45 13.2 +0.9
I05A	Tendick Farm,	84.86	44	↑P	P	17 45 13.4 +0.7
KCC	Kaiser Creek	84.87	50	↑P	P	17 45 13.5 +0.6
M05C	Lookout	84.88	46	↑P	P	17 45 13.3 +0.5
HELL	Mitchell Peak	84.89	51	↑P	P	17 45 13.1 +0.1
ELFS	Eagle Lake Fie	84.92	47	↑P	P	17 45 14.4 +1.3
BEKR	Beckwourth	84.93	48	↑P	P	17 45 13.3 +0.2
ISA	Isabella	85.00	52	eP	P	17 45 15.8 +2.2
ISA				e	pmax	
ISA	comp=Z,9.0nm,0.9s,mb4.9	85.00	52	↑P	P	17 45 13.9 +0.3
ISA	Isabella	85.00	52	eP	P	17 45 15.8 +2.2
E03A	Lebam	85.13	41	↑P	P	17 45 15.4 +1.4
EDW2	Edwards Air Fo	85.14	53	↑P	P	17 45 14.7 +0.4
R06C	Coleville	85.16	49	↑P	P	17 45 15.1 +0.7
BFSC	Mount Baldy St	85.21	54	↑P	P	17 45 15.5 +0.8
NLWA	Neilton Lookou	85.26	40	↑P	P	17 45 15.4 +0.8
H05A	Lakeview	85.33	46	↑P	P	17 45 15.8 +0.7
L04A	Detroit Lake	85.33	43	↑P	P	17 45 16.0 +1.0
O06A	Flanigan	85.42	48	↑P	P	17 45 15.4 -0.2
MTUM	Tungsten Hills	85.45	51	eP	P	17 45 15.2 -0.6
ODAN	Odare	85.47	298	eP	P	17 45 17.0 +0.9
J05A	Fort Rock	85.48	44	P	P	17 45 15.9 +0.1
K05A	Summer Lake	85.52	45	P	P	17 45 16.1 +0.1
CWC	Cottonwood Cre	85.54	52	↑P	P	17 45 16.3 0.0
LRMC	Laurel Mountai	85.55	53	↑P	P	17 45 16.4 +0.1
PAHR	Pah Rah Range	85.59	48	eP	P	17 45 15.9 -0.5
N06A	Buffalo Meadow	85.60	47	P	P	17 45 16.4 -0.1

MOD	Modoc	85.66	46	↑P	P	17 45 16.2 -0.5
MOD	Modoc	85.66	46	eP	P	17 45 16.1 -0.6
EGAK	comp=Z,26nm,1.3s,mb5.3	85.72	20	eP	P	17 45 15.9 -0.6
S08C	White Mtn Res	85.80	51	↑P	P	17 45 18.1 +0.6
MONP	Monument Peak	85.80	55	↑P	P	17 45 17.4 -0.2
MPNC	Manual Prospec	85.88	52	↑P	P	17 45 18.0 0.0
RRX	Edison Barstow	85.92	53	↑P	P	17 45 19.1 +1.0
PFO	Pinyon Flat Ob	85.98	55	eP	P	17 45 16.7 -1.8
PFO				e	pmax	
PFO	comp=Z,11nm,1.1s,mb5.0	85.98	55	↑P	P	17 45 19.3 +0.8
PFO	Pinyon Flat Ob	85.98	55	eP	P	17 45 16.7 -1.8
NVAR	comp=Z,7.7nm,0.8s,mb4.9,baZ=233,slow=8.5,SNR=14	85.98	50	P	P	17 45 17.9 -0.5
NVAR	comp=Z,0.5nm,0.8s,baZ=106,slow=3.3,SNR=4.2	85.98	50	P	P	18 03 19.2 -0.7
NVAR	comp=Z,0.7nm,0.9s,baZ=105,slow=3.5,SNR=3.8	85.98	50	P	P	18 03 19.2 -0.7
NVAR	comp=Z,0.7nm,0.9s,baZ=105,slow=3.5,SNR=3.8	85.98	50	P	P	18 11 17.9
NVAR	comp=Z,0.7nm,0.9s,baZ=105,slow=3.5,SNR=3.8	85.98	50	P	P	18 11 17.9
NVAR	comp=Z,0.7nm,0.9s,baZ=105,slow=3.5,SNR=3.8	85.98	50	P	P	18 11 17.9
NVAR	comp=Z,0.7nm,0.9s,baZ=105,slow=3.5,SNR=3.8	85.98	50	P	P	18 11 17.9
K06A	Valley Falls	85.99	45	↑P	P	17 45 19.1 +0.7
DVTC	Desert V Tower	86.00	56	↑P	P	17 45 19.4 +0.8
R08A	Mina	86.11	50	↑P	P	17 45 19.7 +0.7
GSC	Goldstone	86.19	53	eP	P	17 45 17.3 -2.2
GSC				e	pmax	
GSC	comp=Z,24nm,1.6s,mb5.2	86.19	53	↑P	P	17 45 19.7 +0.2
GSC	Goldstone	86.19	53	eP	P	17 45 17.3 -2.2
J06A	Christmas Vall	86.21	45	↑P	P	17 45 19.6 +0.1
GRAC	Grapevine Rang	86.25	51	↑P	P	17 45 20.3 +0.5
M07A	Soldier Meadow	86.29	47	↑P	P	17 45 20.0 +0.2
E05A	Randle	86.29	41	↑P	P	17 45 20.3 +0.6
SWSC	Sam W. Stewart	86.32	55	↑P	P	17 45 20.1 -0.1
D05A	Enumald	86.37	40	↑P	P	17 45 20.2 +0.1
L07A	Adeli	86.37	46	↑P	P	17 45 20.1 -0.1
Q08A	Galbo	86.39	49	↑P	P	17 45 20.4 0.0
I06A	Prineville	86.41	44	↑P	P	17 45 20.4 0.0
HEC	Hector Ludlow	86.43	54	↑P	P	17 45 20.4 -0.3
BELC	Belle Mtn.	86.46	54	P	P	17 45 20.4 -0.4
FURC	Furnace Creek,	86.49	52	↑P	P	17 45 20.7 -0.2
S09A	Goldfield	86.58	51	↑P	P	17 45 21.1 -0.3
H06A	Lindquist Farm	86.59	43	↑P	P	17 45 20.9 -0.3
DLBC	Dease Lake	86.65	28	eP	P	17 45 19.0 -2.2
DLBC				e	P	17 45 41.7
K07A	Rock Creek Ran	86.66	45	P	P	17 45 21.3 -0.3
JIRN	Jiri	86.71	299	eP	P	17 45 23.0 +0.8
TIXI	Tiksi	86.73	349	eP	P	17 45 19.7 -1.6
TIXI				eS	SS	17 55 44.0 -1.1
TIXI				eSS	pmax	18 01 36.6 -0.7
TIXI	comp=Z,35nm,1.8s,mb5.3			MLR	MLR	
TIXI	comp=Z,248nm,20.0s,MS4.6	86.73	349	eP	P	17 45 19.4 -2.0
E06A	Yakima	86.79	41	↑P	P	17 45 22.5 +0.3
BC3	Big Chuck Mtn	86.80	55	P	P	17 45 22.8 +0.3
J07A	Hines	86.83	45	↑P	P	17 45 23.0 +0.5
A09A	Tonopah	86.85	50	↑P	P	17 45 22.6 -0.1
M08A	Happy Creek Ra	86.87	47	↑P	P	17 45 22.9 +0.2
U10A	Ash Meadows, A	86.88	52	↑P	P	17 45 22.8 -0.1
TUQ	Turquoise Mtn.	86.92	53	↑P	P	17 45 22.9 -0.2
I07A	Izee	86.93	44	↑P	P	17 45 23.0 0.0
GMRC	Granite Mounta	86.94	54	↑P	P	17 45 23.3 +0.1
WVOR	Wild Horse Val	87.00	46	eP	P	17 45 21.9 -1.4
WVOR				e	pmax	
WVOR	comp=Z,8.0nm,0.9s,mb5.0	87.00	46	eP	P	17 45 21.9 -1.4
GUN	Gumba	87.04	299	eP	P	17 45 24.3 +0.5
TPNV	Topopah Spring	87.10	52	eP	P	17 45 23.0 -0.9
TPNV				e	pmax	
TPNV	comp=Z,33nm,1.6s,mb5.3	87.10	52	↑P	P	17 45 23.7 -0.3
TPNV	Topopah Spring	87.10	52	↑P	P	17 45 22.9 -1.0
TPNV				ePP	PP	17 48 59.2 +1.1
S10A	Tonopah Range,	87.12	51	↑P	P	17 45 24.0 0.0
L08A	Fields	87.13	46	↑P	P	17 45 24.2 +0.3
GLA	Glamis	87.13	56	eP	P	17 45 23.9 -0.3
GLA				e	pmax	
GLA	comp=Z,21nm,0.9s,mb5.4	87.13	56	↑P	P	17 45 24.2 0.0
GLA	Glamis	87.13	56	eP	P	17 45 23.9 -0.3
PALK	Pallekele	87.14	278	eP	P	17 45 23.8 -0.8
IRM	Iron Mountain	87.18	54	↑P	P	17 45 24.0 -0.3
K08A	Mann Creek Ran	87.20	46	P	P	17 45 24.2 0.0
G07A	Ruggs Ranch, H	87.21	43	↑P	P	17 45 23.8 -0.5
O09A	Fish Creek Ran	87.34	48	↑P	P	17 45 25.1 +0.1
PKI	Pulchoki	87.36	299	eP	P	17 45 25.7 +0.3
PKI				e	pmax	
PKI	comp=Z,402nm,1.2s,mb5.0	87.36	299	eP	P	17 45 25.7 +0.3
PKIN	Phulchoki	87.37	299	eP	P	17 45 25.6 +0.2
J08A	Circle Bar Ran	87.41	45	↑P	P	17 45 24.7 -0.6
I08A	Hicks Ranch, I	87.52	44	↑P	P	17 45 25.5 -0.3
K08A	Kakani	87.52	299	eP	P	17 45 26.4 +0.2
KKN	Kakani	87.52	299	eP	P	17 45 26.4 +0.2
KKN				e	pmax	
KKN	comp=Z,232nm,1.1s,					

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

IDC 22 18:48:19.4d.6.1, 30975x17995E, h463km, 68km, mb3.1/3, mb1 3.3/3, mb1mx3.0/14, mbtmp3.1/3, Error ellipse: s-maj=71.7km s-min=28.9km az=14.0

ISCJB 22 18:48:22.0, 1.0, 3125.0, 1.1979E, 02, h500km, mb3.7/4, Error ellipse: s-maj=17.8km s-min=14.0km az=8.7

NEIC 22 18:48:24.2, 2.3, 3146km, 17980E, h527km, 34km, mb3.9/2, Error ellipse: s-maj=61.1km s-min=15.4km az=173.0

ISC 22 18:48:23.4, 1.0, 3135.0, 1.1975E, 02, h500km, n14, 0.671/9, mb3.7/4, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Kermadec Islands region.

SKHL 22 19:05:18.2d.0.5, 4730N, 14260E, h10km, mb3.7/1, 1C, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Sakhalin Island region.

IDC 22 19:12:37.2d.0.9, 3429N, 7422E, h0km, mb3.7/10, mb1 3.8/12, mb1mx3.7/25, mbtmp3.7/12, ML3.6/2, Error ellipse: s-maj=25.2km s-min=18.5km az=47.0

ISCJB 22 19:12:43.1d.0.5, 3444N, 003x7454E, 007, h66km, 6km, mb3.5/8, Error ellipse: s-maj=9.6km s-min=4.1km az=161.3

NEIC 22 19:12:43.3d.0.7, 3430N, 7438E, h49km, 9km, mb3.5/2, Error ellipse: s-maj=11.3km s-min=4km az=55.0

NCC 22 19:12:47.4, 7.3, 3464N, 7202E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=100.7km s-min=50.1km az=51.0

NDI 22 19:12:48.5, 3.9, 3427N, 7467E, h33km, ML3.5, mb3.5(NEIC)

ISC 22 19:12:44.7d.0.5, 3440N, 003x7447E, 007, h61km, 7km, n48, 0.1259/57, mb3.6/8, 3C-3D, Southwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Southwestern Kashmir region.

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

IDC 22 19:33:40.9d.3.2, 1033N, 12577E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.4/19, mbtmp3.5/3, Error ellipse: s-maj=259.4km s-min=26.0km az=65.0

ISCJB 22 19:33:46.0, 1.4, 1051N, 04x12590E, 008, h3km, 10km, mb3.5/3, Error ellipse: s-maj=12.6km s-min=6.4km az=173.4

MAN 22 19:33:48, 1044N, 12591E, h15km, mb4.4, ML3.3, MS3.1, ISC 22 19:33:45.5, 1.3, 1051N, 04x12591E, 007, h3km, 6km, n16, 0.675/22, mb3.5/3, 2C-1D, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Leyte region.

BUI 22 19:47:02.0, 5260N, 16920W, h5km, mb4.7, mb4.7, Ms4.6, Ms2.3

MOS 22 19:47:09.7, 1.2, 5246N, 16928W, h33km, mb4.5/9, Error ellipse: s-maj=30.9km s-min=10.8km az=99.3

IDC 22 19:47:11.0, 4.2, 5260N, 16931W, h28km, 28km, mb3.9/24, mb1 4.1/25, mb1mx4.0/30, mbtmp3.9/25, ML4.0/1, MS3.6/13, Ms1 3.6/13, ms1mx3.3/44, Error ellipse: s-maj=21.3km s-min=12.3km az=169.0

ISCJB 22 19:47:11.0, 4.2, 5248N, 007x16927W, 006, h44km, 6km, mb4.2/44, MS3.7/16, Error ellipse: s-maj=11.9km s-min=5.7km az=163.3

NEIC 22 19:47:12.8, 1.0, 5258N, 16921W, h43km, 6km, mb4.5/15, ML4.1(AEIC), Error ellipse: s-maj=14.4km s-min=6.2km az=175.0

ISC 22 19:47:12.7, 0.8, 5253N, 007x16926W, 006, h42km, 5km, n112, 0.1914/115, mb4.2/44, MS3.7/16, 4D, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Fox Islands region.

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

Table with columns: LPAZ, La Paz, 135.64 120 PKP, PKPdf, 21 02 05.8 +0.5

IDC 22:21:02:44.2, 2.101S, 17934W, h10km, mb4.2/3, mb1 4.4/3, mb1mx3.8/16, mbtmp4.2/3, Error ellipse: s-maj=283.8km s-min=43.4km az=157.0

NEIC 22:21:02:40.2, 2.6, 2480S, 17780W, h95km, mb4.6/4, Error ellipse: s-maj=195.0km s-min=27.8km az=165.0, South of Fiji Islands

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

CSEM 22:22:16:17.8, 0.3, 3585N, 081W, h15km, mb3.6/5, Error ellipse: s-maj=8.8km s-min=7.2km az=23.0

NEIC 22:22:16:17.2, 3.3, 3570N, 087W, h10km, MG3.6(MDD), Error ellipse: s-maj=40.1km s-min=12.8km az=155.0

ISCJB 22:22:16:18.9, 0.8, 3559N, 01, 081W, 008, h27km, mb3.6/5, Error ellipse: s-maj=18.4km s-min=7.6km az=154.6

MDD 22:22:16:19.5, 0.6, 3576N, 077W, h25km, mb3.6/5, Error ellipse: s-maj=11.4km s-min=5.2km az=34.0

ISC 22:22:16:19.3, 1.0, 358N, 01, 083W, 008, h23km, 21km, n23, c12241, Northern Algeria

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

NIED 22:22:00:42.50N: 14220E, h130km, Mw5.0 Best double couple: M3.20000x1016 NP1: 260.00000, 873.00000, lambda=86.00000, NP2: 66.00000, 817.00000, lambda=104.00000

ISCJB 22:22:00:03.9, 0.1, 4253N, 002, 14214E, 002, h116km, mb5.0/237, Error ellipse: s-maj=2.7km s-min=1.7km

BJJ 22:22:00:03.2, 4254N, 14214E, h117km, mb4.9, mb5.1

DJA 22:22:00:03.4, 269N, 14249E, h102km, mb5.3/26

GCMT 22:22:00:04.3, 0.2, 4262N, 14209E, h119km, 3km, Mw5.0/78, Moment Tensor Solution, s31, c37, s78, c131; Duration: 0

MOS 22:22:00:04.1, 0.8, 4261N, 14217E, h118km, mb5.0/101

NEIC 22:22:00:04.3, 4254N, 14219E, h125km, mb4.9/161, MW4.9(NIED), After JMA

JMA 22:22:00:04.2, 0.2, 4254N, 14218E, h125km, 2km, M4.9 Broadband fault plane solution: P waves. NP1: 38.00000, 824.00000, lambda=171.00000, NP2:

phi=300.00000, 886.00000, lambda=66.00000. Principal axes: T Plg37.00000, Azm9.00000, N Plg24.00000, Azm18.00000, P Plg44.00000, Azm233.00000; JMA Felt III J1, IDC 22:22:00:05.2, 0.4, 4256N, 14212E, h117km, 2km, mb4.7/24, mb1 4.8/28, mb1mx4.8/29, mbtmp4.7/28, MS3.5/15, Ms1 3.5/15, ms1mx3.4/31 Error ellipse: s-maj=9.6km s-min=6.4km az=109.0 SZGRF 22:22:00:06.7, 4295N, 14243E, h121km, mb5.1, Hokkaido, Japan, region

ISC 22:22:00:05.7, 0.1, 4254N, 002, 14211E, 002, h118km, mb118km, 8km, comp-P, n93, c874/1018, mb5.0/237, 258C-116D, Hokkaido region

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

ASAJ 22:22:00:05.3, 3585N, 081W, h15km, mb3.6/5, Error ellipse: s-maj=8.8km s-min=7.2km az=23.0

NEIC 22:22:16:17.2, 3.3, 3570N, 087W, h10km, MG3.6(MDD), Error ellipse: s-maj=40.1km s-min=12.8km az=155.0

ISCJB 22:22:16:18.9, 0.8, 3559N, 01, 081W, 008, h27km, mb3.6/5, Error ellipse: s-maj=18.4km s-min=7.6km az=154.6

MDD 22:22:16:19.5, 0.6, 3576N, 077W, h25km, mb3.6/5, Error ellipse: s-maj=11.4km s-min=5.2km az=34.0

ISC 22:22:16:19.3, 1.0, 358N, 01, 083W, 008, h23km, 21km, n23, c12241, Northern Algeria

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

NIED 22:22:00:42.50N: 14220E, h130km, Mw5.0 Best double couple: M3.20000x1016 NP1: 260.00000, 873.00000, lambda=86.00000, NP2: 66.00000, 817.00000, lambda=104.00000

ISCJB 22:22:00:03.9, 0.1, 4253N, 002, 14214E, 002, h116km, mb5.0/237, Error ellipse: s-maj=2.7km s-min=1.7km

BJJ 22:22:00:03.2, 4254N, 14214E, h117km, mb4.9, mb5.1

DJA 22:22:00:03.4, 269N, 14249E, h102km, mb5.3/26

GCMT 22:22:00:04.3, 0.2, 4262N, 14209E, h119km, 3km, Mw5.0/78, Moment Tensor Solution, s31, c37, s78, c131; Duration: 0

MOS 22:22:00:04.1, 0.8, 4261N, 14217E, h118km, mb5.0/101

NEIC 22:22:00:04.3, 4254N, 14219E, h125km, mb4.9/161, MW4.9(NIED), After JMA

JMA 22:22:00:04.2, 0.2, 4254N, 14218E, h125km, 2km, M4.9 Broadband fault plane solution: P waves. NP1: 38.00000, 824.00000, lambda=171.00000, NP2:

Table with columns: OKH, Okha, 11.03, 3, ePn, Pn, 22 22 38.4 -1.3

comp=Z, 600nm, 6.0s smax

comp=E, 500nm, 8.0s MLR MLR

comp=Z, 700nm, 13.0s

KSRS Korea Array 12.00 250 P Pn 22 22 53.1 +0.3

comp=Z, 0.8nm, 0.3s, baz=62, slow=12, SNR=158

comp=Z, 1.54nm, 21.6s, baz=266, slow=32

comp=Z, 2.0, 2nm, 0.3s, baz=63, slow=18, SNR=11

KS15 Wonju Array S1 12.04 250 ePn Pn 22 22 53.2 0.0

CN2 Changchun 12.23 282 ePn Pn 22 22 55.1 -0.6

comp=Z, 60nm, 0.9s

comp=Z, 200nm, 3.0s

comp=N, 500nm, 10.0s

comp=E, 300nm, 10.0s

comp=Z, 400nm, 11.0s

SKR Severo-Kuril's 12.60 45 ePn Pn 22 22 55.0 -5.4

comp=N, 110nm, 1.0s

comp=E, 110nm, 1.0s

comp=Z, 130nm, 1.0s

Nakatsue 12.92 227 P Pn 22 23 03.4 -1.5

comp=Z, 1.1nm, 0.3s, baz=45, slow=18, SNR=12

SJNY Shenyang 13.76 273 P Pn 22 23 15.9 +0.3

comp=Z, 28nm, 0.8s

comp=Z, 61nm, 4.9s

comp=N, 236nm, 10.8s

comp=E, 204nm, 11.4s

comp=Z, 189nm, 10.2s

PETK Petropavlovsk- 14.84 39 P Pn 22 23 25.4 -3.9

comp=Z, 1.7nm, 0.3s, baz=222, slow=12, SNR=35

comp=Z, 0.1nm, 0.3s, baz=151, slow=3.4, SNR=3.5

comp=Z, 36nm, 0.6s

comp=Z, 100nm, 9.5s

comp=Z, 400nm, 16.0s

comp=Z, 400nm, 15.0s

PBJ Chichi jima 15.21 41 ePn Pn 22 23 31.9 -2.4

comp=Z, 43nm, 0.3s, baz=17, slow=5.8, SNR=25

comp=Z, 27nm, 0.3s, baz=88, slow=23, SNR=6.1

comp=Z, 20nm, 0.6s

comp=Z, 124nm, 0.6s

comp=Z, 124nm, 0.6s

comp=N, 300nm, 1.3s

comp=Z, 500nm, 1.3s

comp=Z, 354nm, 1.1s

comp=E, 71nm, 0.6s

comp=Z, 366nm, 0.8s

comp=N, 242nm, 0.8s

comp=E, 57nm, 0.7s

comp=N, 152nm, 15.0s

comp=E, 199nm, 12.0s

comp=Z, 119nm, 12.0s

comp=Z, 2.2nm, 0.3s, baz=50, slow=7.9, SNR=9.3

comp=Z, 106nm, 18.9s, baz=155, slow=38

comp=Z, 23nm, 0.8s

comp=Z, 30nm, 0.8s

comp=Z, 30nm, 0.8s

comp=Z, 45nm, 0.7s

comp=Z, 49nm, 3.5s

comp=N, 178nm, 16.1s

comp=E, 132nm, 16.0s

comp=Z, 214nm, 15.0s

comp=Z, 23nm, 0.8s

comp=Z, 23nm, 0.8s

comp=Z, 155nm, 0.9s

comp=E, 6.0nm, 0.6s

comp=N, 66nm, 1.4s

comp=N, 89nm, 1.7s

comp=Z, 20nm, 1.0s, mb4.4

comp=Z, 120nm, 6.4s

comp=N, 500nm, 10.0s

comp=E, 310nm, 12.5s

comp=Z, 300nm, 11.3s

comp=Z, 61nm, 1.8s, mb4.6

comp=Z, 61nm, 1.8s, mb4.6

Table with columns: NOA, NORSTAR Array B, 69.33 337 P, 22 30 59.1 -0.6, etc. Lists various astronomical observations with coordinates and parameters.

Table with columns: ELK, Elko, 71.64 51 eP, 22 31 14.3 +0.1, etc. Lists various astronomical observations with coordinates and parameters.

Table with columns: RDF, baz=295, 22 31 30.0, etc. Lists various astronomical observations with coordinates and parameters.

W14A	Seligman	76.58	54	P	P	22 31 43.8	+0.8
BRG	Berggiesshubel	76.59	329	eP	P	22 31 42.4	-0.4
BRG				e	pP	22 32 13.3	+0.8
BRG				e	p	22 34 32.8	
BRG	comp=Z,5.0nm,0.9s,mb4.2				pmax		
BRG	Berggiesshubel	76.59	329	eP	P	22 31 42.4	-0.2
BRG	comp=Z,8.0nm,0.9s,mb4.5				pP	22 32 13.0	+0.5
BRG				ePP	PP	22 34 32.9	-2.8
BRG	Berggiesshubel	76.59	329	eP	P	22 31 42.4	-0.4
BRG	comp=Z,8.3nm,0.9s,mb4.5				pP	22 32 13.3	+0.7
BRG				e		22 34 32.8	
CLL	Colim	76.60	330	iP	P	22 31 42.4	-0.4
CLL				i-PP	pP	22 32 13.1	+0.6
CLL	comp=Z,25nm,1.1s,mb4.9				pmax		
CLL	Colim	76.60	330	iP	P	22 31 42.4	-0.4
CLL	comp=Z,25nm,1.1s,mb4.9						
CLL				i	x	22 31 45.7	
CLL				i	PcP	22 31 52.6	-1.2
CLL				i	pP	22 32 13.1	+0.6
CLL				e	sP	22 32 26.0	+0.7
CLL				ePP	PP	22 34 30.0	-5.7
CLL	Colim	76.60	330	iP	P	22 31 42.3	-0.5
CLL	comp=Z,25nm,1.1s,mb4.9						
CLL				i	pP	22 31 45.7	
KOLL	Kolacno	76.63	325	eP	P	22 32 13.1	+0.6
PVCC	Panskova Ves	76.63	329	eP	P	22 31 43.0	0.0
PVCC				ePP	pP	22 32 12.0	-0.8
NRDL	Niedersach Rie	76.66	332	eP	P	22 31 42.4	-0.7
NRDL	comp=Z,16nm,1.2s,mb4.6				pP	22 32 13.6	+0.7
NRDL				ePP	PP	22 34 34.2	-2.1
Y12C	Blythe	76.69	56	iP	P	22 31 43.5	-0.2
Y12C	baz=76						
PV10A	Kalibab Nationa	76.72	53	P	P	22 31 44.6	+0.9
PV10A	baz=78,SNR=10						
VRAC	Paradox Valley	76.78	50	eP	P	22 31 44.5	+0.5
VRAC				e	P	22 31 44.0	0.0
VRAC	Vranov	76.80	327	iP	P	22 31 44.6	+0.7
VRAC				e	P	22 31 44.8	-0.4
GLA	Glamis	76.98	57	eP	P		
GLA	comp=Z,19nm,1.1s,mb4.7				pmax		
GLA	Glamis	76.98	57	P	P	22 31 45.5	+0.2
GLA	baz=77,SNR=5.0						
GLA	Glamis	76.98	57	eP	P	22 31 44.8	-0.5
GLA	comp=Z,19nm,1.1s,mb4.7						
U17A	Shonto	77.07	52	P	P	22 31 46.5	+0.8
U17A	baz=77,SNR=10						
PRU	Prunhonic	77.07	328	iP	P	22 31 45.6	+0.1
PRU				ePP	pP	22 32 15.3	0.0
Y13A	Salome	77.08	56	iP	P	22 31 45.9	+0.1
Y13A	baz=77						
KLBR	Kellerberrin	77.09	201	eP	P	22 31 45.6	0.0
KLBR	comp=Z,22nm,0.9s,mb4.9						
W15A	Williams	77.10	54	iP	P	22 31 46.9	+1.0
W15A	baz=77						
CLZ	Clausthal	77.11	332	eP	P	22 31 45.6	0.0
CLZ				ePP	pP	22 32 16.1	+0.7
CLZ					pmax		
CLZ	comp=Z,22nm,0.8s,mb4.9						
CLZ	Clausthal	77.11	332	eP	P	22 31 45.6	0.0
CLZ	comp=Z,22nm,0.8s,mb4.9						
U16A	Tuba City	77.11	53	eP	pP	22 32 16.1	+0.7
U16A	baz=77,SNR=17					22 31 46.8	+0.9
GZR	Gura Zlata	77.12	321	iP	P	22 31 45.7	-0.1
GZR				e	P	22 31 46.1	+0.3
X14A	Yava	77.21	55	P	P	22 31 47.3	+0.8
X14A	baz=77,SNR=19						
BUD	Budapest	77.21	324	iP	P	22 31 47.1	+0.8
PV01	Paradox Valley	77.21	50	eP	P	22 31 46.5	0.0
MODS	Modra-Piesok	77.25	326	iP	P	22 31 47.3	+0.8
MODS				ePP	pP	22 32 18.2	+1.9
MODS	Modra-Piesok	77.25	326	iP	P	22 31 47.3	+0.8
MODS				e	pP	22 32 18.2	+1.9
TREC	Trest	77.26	327	iP	P	22 31 46.8	+0.3
SMCO	Snowmass	77.37	48	eP	P	22 31 47.2	-0.1
WUAZ	Wupakti	77.40	53	eP	P	22 31 48.1	+0.5
WUAZ	comp=Z,20nm,0.9s,mb4.8						
JMB	Yambol	77.44	317	eP	P	22 31 48.8	+1.1
ZST	Batistava	77.47	326	eP	P	22 31 47.7	0.0
ZST					pmax		
ZST	comp=Z,11nm,1.3s,mb4.4						
ZST	Bratislava	77.47	326	eP	P	22 31 47.7	0.0
ZST	comp=Z,10nm,1.3s,mb4.4						
ZST				ePP	PP	22 34 36.6	-6.5
BZS	Buzias	77.49	322	iP	P	22 31 48.1	+0.2
BZS				e	P	22 31 47.9	0.0
Y14A	Wickeburg	77.50	55	iP	P	22 31 48.0	-0.2
Y14A	baz=77,SNR=13						
X15A	Humboldt	77.59	55	iP	P	22 31 49.4	+0.7
X15A	baz=77,SNR=16						
IBBN	Ibbenburen	77.61	333	eP	P	22 31 48.2	-0.2
IBBN	comp=Z,35nm,1.1s,mb5.0						
RW3	Ridgway	77.62	49	eP	P	22 31 42.0	-6.8
MOX	MOX	77.65	330	eP	P	22 31 48.6	0.0
MOX	comp=Z,21nm,1.4s,mb4.3						
MOX	Moxa	77.65	330	e	pP	22 32 19.3	+0.8
MOX				e	pP	22 31 48.6	0.0
MOX				e	pP	22 32 19.3	+0.8
MOX	comp=Z,21nm,1.4s,mb4.7				pmax		
MOX	Moxa	77.65	330	eP	P	22 31 48.3	-0.3
MOX	comp=Z,20nm,1.4s,mb4.7						
MOX				eP	pP	22 32 19.1	+0.6
MOX				ePP	PP	22 34 44.4	-0.1
U18A	Rough Rock, Ch	77.66	52	P	P	22 31 49.4	+0.6
U18A	baz=77,SNR=9.7						
ISCO	Idaho Springs	77.67	47	eP	P	22 31 48.6	-0.4
ISCO					pmax		
ISCO	comp=Z,10.0nm,0.9s,mb4.5						
ISCO	Idaho Springs	77.67	47	eP	P	22 31 48.6	-0.4
ISCO	comp=Z,10.0nm,0.9s,mb4.5						
NKC	Novy Kostel	77.67	330	iP	P	22 31 49.0	+0.2
NKC				e	pP	22 32 21.7	+3.0
N13A	Mohawk Valley,	77.83	57	iP	P	22 31 49.5	-0.4
N13A	baz=78						
MUN	Mundaring	77.88	202	eP	P	22 31 50.7	+0.7
Y15A	Casa Rosa Ranc	77.89	55	eP	P	22 31 50.8	+0.5
Y15A	baz=78,SNR=12						
Z14A	Wintersburg	77.92	56	iP	P	22 31 50.4	-0.1
Z14A	baz=78						
MANZ	Manzenberg	78.00	330	eP	P	22 31 50.6	0.0
UBBA	Unterbreizbach	78.09	331	eP	P	22 31 50.4	-0.7
UBBA	comp=Z,6.0nm,0.8s,mb4.3						
UBBA	Unterbreizbach	78.09	331	eP	P	22 31 50.4	-0.7
UBBA	comp=Z,10.0nm,1.4s,mb4.3						
W17A	Winslow	78.09	53	iP	P	22 31 51.9	+0.5
W17A	baz=78						
SOP	Sopron	78.10	326	iP	P	22 31 52.4	+1.2
V18A	Ganado	78.11	52	iP	P	22 31 51.9	+0.4
V18A	baz=78,SNR=10.0						
X16A	Lo Mia Camp,	78.11	54	iP	P	22 31 52.2	+0.6
X16A	baz=78,SNR=13						
KHC	Kasperske Hory	78.14	328	iP	P	22 31 51.6	+0.2
KHC				ePP	pP	22 31 56.5	-4.0
KHC				e	pP	22 32 21.0	-0.3
KHC				e	x	22 41 32.3	
CONA	Conrad Observa	78.19	326	iP	P	22 31 51.9	+0.2
CONA	comp=Z,22nm,1.9s,mb4.6,SNR=5.5						
EYMN	Ely	78.24	34	eP	P	22 32 21.3	-0.2
EYMN	comp=Z,25nm,1.1s,mb4.9					22 31 50.6	-1.3
GE2C	GERESS Array S	78.32	328	eP	P	22 31 52.0	-0.4
GE2C				e		22 34 47.6	
GE2C					pmax		
GE2C	comp=Z,7.0nm,1.1s,mb4.3						
GE2C	GERESS Array S	78.32	328	eP	P	22 31 52.0	-0.4
GE2C	comp=Z,7.0nm,1.1s,mb4.3						
GE2C				ePP	PP	22 34 47.6	-2.6
GERES	GERESS Array B	78.32	328	P	P	22 31 51.9	-0.5
GERES	comp=Z,1.9nm,0.5s,mb4.1, baz=37,slow=5.6,SNR=25						
GERES				pP		22 32 22.2	-0.1
GERES	comp=Z,2.9nm,0.8s, baz=35,slow=4.9,SNR=3.9						

GERES	comp=Z,1.7nm,0.9s, baz=50,slow=11,SNR=5.1			PP	PP	22 34 49.8	-0.4
GERES				LR	LR	23 07 17.8	
GERES	comp=Z,62nm,21.7s, baz=297,slow=36						
GERES	GERESS Array B	78.32	328	iP	P	22 31 51.9	-0.5
GERES				-PP	pP	22 32 22.2	-0.1
GERES						22 34 49.8	
GERES	comp=Z,2.0nm,0.5s				pmax		
GERES					pmax		
GERES	comp=Z,62nm,21.7s			MLR	MLR		
PKSM	Moragy	78.36	324	iP	P	22 31 52.4	-0.3
PKSM				e	P	22 31 52.5	-0.2
PKSM	Moragy	78.36	324	P	P	22 31 52.8	0.0
PKSM				ePP	pP	22 32 22.5	-0.2
WET	Wetzelt	78.40	329	eP	P		
WET				ePP	pP		
WET					pmax		
WET	comp=Z,20nm,1.2s,mb4.7						
WET	Wetzelt	78.40	329	eP	P	22 31 52.8	0.0
WET	comp=Z,20nm,1.2s,mb4.7						
WET				eP	pP	22 32 22.5	-0.2
Y16A	Circle Bar Ran	78.46	55	iP	P	22 31 54.0	+0.5
BUG	Bochum-Univer	78.51	333	eP	P	22 31 53.0	-0.4
BUG	comp=Z,24nm,0.9s,mb5.0						
BUG				eP	pP	22 32 24.0	+0.7
BUG	Grafenberg Arr	78.57	330	eP	P	22 31 53.8	0.0
BUG	comp=Z,29nm,1.0s,mb5.1						
GRA1				eP	pP	22 32 24.3	+0.6
GRA1				ePP	pP	22 32 24.4	-3.5
GRA1				e	pP	22 31 53.8	0.0
GRA1	Grafenberg Arr	78.57	330	eP	P	22 32 24.3	+0.6
GRA1				e		22 34 48.4	
GRA1					pmax		
GRA1	comp=Z,29nm,1.0s,mb5.1						
GRA1	Grafenberg Arr	78.57	330	eP	P	22 31 53.8	0.0
GRA1				ePP	pP	22 32 24.3	+0.6
GRA1				e		22 34 48.4	
GRA1					pmax		
GRF	comp=Z,29nm,1.0s,mb5.1						
GRF	Grafenberg Arr	78.57	330	eP	P	22 31 53.8	0.0
GRF				ePP	pP	22 32 24.3	+0.6
GRF				e		22 34 48.4	
GRF					pmax		
GRF	comp=Z,29nm,1.0s,mb5.1						
GRF	Grafenberg Arr	78.57	330	eP	P	22 31 53.8	0.0
GRF				ePP	pP	22 32 24.3	+0.6
GRF				e		22 34 48.4	

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like az=17.7, NEIC, etc.

IDC 23 00:31:30.1-0.8, 2281S:17169E, h0km, mb4.2/10, mb1 4.4/11, mb1mx4.3/16, mbtmp4.2/11, ML4.0/1, MS4.0/14, MS1 4.0/14, ms1mx3.9/19, Error ellipse: s-maj=25.7km, s-min=22.8km az=152.0.

ISCJB 23 00:31:32.2-4.8, 2279S:009:1718E.0/1, h28km, 32km, mb4.6/23, MS4.1/11, Error ellipse: s-maj=18.9km s-min=12.3km az=44.9.

NEIC 23 00:31:35.8-0.4, 2283S:17171E, h35km, mb4.9/15, Error ellipse: s-maj=10.8km s-min=9.8km az=178.0.

GCMT 23 00:31:35.8-0.3, 2288S:17169E, h18km, 1km, MW5.0/67, Moment Tensor Solution: s35, c45, s67, c92; Duration: 0 Moment tensor: Scale 1016Nm; M_r, 3.02e20; M_w, 3.41e13; Mw, 0.10e12; M_m, 0.79e25; Mw, 0.09e09; Mw, 1.05e37; Best double couple: M3, 60100e10; NP1, 287.00000e0; s41.00000e0, 1.15.00000e0; NP2: 0.75.00000e0, s54.00000e0, 1.70.00000e0. Principal axes: T 3.7000, Plg72.0000e0; Azm291.0000e0; N -0.2030, Plg16.0000e0; Azm88.0000e0; P -3.5020, Plg7.0000e0, Azm180.0000e0; nst1 refers to body waves, cutoff=40s.

nst2 refers to surface waves, cutoff=50s. MOS 23 00:31:35.8-2.0, 2304S:17146E, h33km, mb4.9/7 Error ellipse: s-maj=20.7km s-min=14.7km az=172.2.

ISC 23 00:31:33.8-5.0, 2255.0/10, 1718E.0/1, h27km, 33km, n79, c=98/48, mb4.6/23, MS4.1/11, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, URZ, HNR, AFI, ARMA, etc.

NEIC 23 00:33:25.6, 4575N:2624E, h200km, mb3.8/2, After BUC. ISCJB 23 00:33:31.0-0.4, 4548N:005-2636E.006, h144km, Error ellipse: s-maj=7.0km s-min=5.6km az=177.9.

BUC 23 00:33:31.6-0.9, 4549N:2635E, h144km, 9km, MD3.6/3, Error ellipse: s-maj=6.1km s-min=5.6km az=76.0.

CSEM 23 00:33:32.4-0.2, 4551N:2637E, h126km, 1km, MD3.7/3, Error ellipse: s-maj=2.5km s-min=2.4km az=124.0.

ISC 23 00:33:32.5-1.1, 4547N:005-2636E.006, h137km, n23, c=98/37, 11C-7D, Romania

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

NEIC 23 00:33:25.6, 4575N:2624E, h200km, mb3.8/2, After BUC. ISCJB 23 00:33:31.0-0.4, 4548N:005-2636E.006, h144km, Error ellipse: s-maj=7.0km s-min=5.6km az=177.9.

BUC 23 00:33:31.6-0.9, 4549N:2635E, h144km, 9km, MD3.6/3, Error ellipse: s-maj=6.1km s-min=5.6km az=76.0.

CSEM 23 00:33:32.4-0.2, 4551N:2637E, h126km, 1km, MD3.7/3, Error ellipse: s-maj=2.5km s-min=2.4km az=124.0.

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

PRU 23 00:34:27.1, 5001N:1838E, h0km, Poland

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

PRU 23 00:34:27.1, 5001N:1838E, h0km, Poland

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

NEIC 23 01:10:41.5-2.4, 3141S:1730W, h35km, Error ellipse: s-maj=49.4km s-min=25.4km az=94.0.

ISCJB 23 01:10:42.9-5.7, 3152S:008:1791W.0/2, h19km, 43km, mb4.0/3, Error ellipse: s-maj=26.4km s-min=9.3km az=22.7.

IDC 23 01:10:46.3-8.4, 3166S:17850W, h71km, 67km, mb4.0/3, mb1 4.2/4, mb1mx3.7/17, mbtmp4.0/4, ML2.9/1, Error ellipse: s-maj=58.5km s-min=33.4km az=47.0.

ISC 23 01:10:47.2-1.3, 3147S:008-1791W.0/2, h40km, 16km, n10, c=82/9, mb4.2/3, Kermadec Islands region

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

MAN 23 01:25:44, 850N:12630E, h28km, mb3.7, ML2.4, MS2.0, 1D, Mindanao

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

IDC 23 01:31:38.0-0.6, 2288S:17180E, h0km, mb4.4/15, mb1 4.5/15, mb1mx4.5/17, mbtmp4.4/15, MS4.6/22, MS1 4.6/22, ms1mx4.5/28, Error ellipse: s-maj=20.6km s-min=17.6km az=99.0.

BUI 23 01:31:41.2, 2329S:17162E, h32km, mb5.3, mb4.9, Ms5.0, Ms2.7.

ISCJB 23 01:31:42.9-0.3, 2298S:005:17162E.005, h35km, mb4.8/51, MS4.7/35, Error ellipse: s-maj=7.9km s-min=6.2km az=173.4.

GCMT 23 01:31:45.9-0.1, 2292S:17164E, h16km, MW5.4/105, Moment Tensor Solution: s92, c164; s105, c185; Duration: 1s2 Moment tensor: Scale 1016Nm; M_r, 1.28e20; M_w, 1.31e20; M_m, 0.02e12; M_m, 0.69e09; Mw, -0.01e01; Mw, 0.23e05; Best double couple: M1, 48400e10; NP1, 279.00000e0; s32.00000e0, 1.05.00000e0; NP2: 81.00000e0, s60.00000e0, 1.81.00000e0. Principal axes: T 1.4850, Plg74.0000e0; Azm327.0000e0; N -0.0040, Plg8.0000e0; Azm88.0000e0; P -1.4830, Plg14.0000e0; Azm178.0000e0; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 23 01:31:45.9-0.3, 2297S:17165E, h35km, mb5.0/25, MS5.0/3 Error ellipse: s-maj=14.5km s-min=10.9km az=150.0.

MOS 23 01:31:46.9-2.0, 2188S:17132E, h33km, mb5.1/17, MS4.8/9, Error ellipse: s-maj=16.5km s-min=13.0km az=1.7.

DJA 23 01:32:34, 2430S:16983E, h407km, mb4.7/15, ISC 23 01:31:44.7-0.3, 2294S:005-17166E.005, h35km, h35km, 1.2km, pp-P, n243, s1917/102, mb4.8/51, MS4.7/35, 18C-14D, Southeast of Loyalty Islands

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2 comp=Z,10.0nm,0.7s,mb4.8, CN2 comp=Z,200nm,5.0s, CN2 comp=N,300nm,21.0s,MS4.8, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GLA Glamis, NVAR Mina Array Base, TPH Tonopah, TPH Tonopah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Gura Zlata, Moravsky Berou, Boczada, Piszkesteto, etc.

NEIC 23 01:40:19.5, 3792S, 17763E, h55km, ML4.1 (WEL), After WEL.

WEL 23 01:40:19.3, 3793S, 17765E, h57km, 3km, ML4.1/12, Error ellipse: s-maj=2.2km s-min=2.1km az=90.0, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKZ Black Stump Fm, TOZ Tahuroa Road, KUZ Kuaotunu, etc.

IDC 23 01:55:42.5, 481S, 15270E, h0km, mb4.2/3, mb1 4.4/3, mb1 mx3.8/16, mbtmp4.1/23, Error ellipse: s-maj=122.2km s-min=48.7km az=123.0

ISCJB 23 01:55:46.1, 4.9S, 0.3, 1527E, h33km, mb4.2/4, Error ellipse: s-maj=42.3km s-min=22.2km az=150.6

NEIC 23 01:55:47.6, 0.8, 481S, 15265E, h35km, mb4.5/2, Error ellipse: s-maj=29.4km s-min=15.2km az=145.0

ISC 23 01:55:47.8, 1.4, 48S, 0.3, 1527E, h0km, n11, 0.6S/34.9, mb4.2/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, etc.

IDC 23 01:55:54.5, 4.6, 2213S, 17145E, h0km, mb4.1/5, mb1 4.3/5, mb1 mx3.9/16, mbtmp4.1/5, MS3.8/3, Ms1 3.8/3, ms1 mx3.3/22, Error ellipse: s-maj=162.7km s-min=42.2km az=150.0

ISCJB 23 01:55:59.0, 4.8, 233S, 0.3, 1714E, h35km, 36km, mb4.3/8, MS3.7/2, Error ellipse: s-maj=56.6km s-min=20.6km az=164.5

NEIC 23 01:56:01.0, 2.2, 232AS, 17131E, h35km, mb4.5/3, Error ellipse: s-maj=100.0km s-min=14.1km az=158.0

ISC 23 01:55:59.5, 6.8, 234S, 0.2, 1714E, h27km, 48km, n13, 0.6S/51.1, mb4.3/8, MS3.7/2, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, etc.

ISCJB 23 02:36:12.8, 3.0, 388S, 0.0, 7, 131.3E, 0.1, h15km, 22km, mb4.0/9, Error ellipse: s-maj=22.5km s-min=10.0km az=161.1

IDC 23 02:36:12.9, 1.0, 359S, 131.53E, h0km, mb4.0/8, mb1 4.2/9, mb1 mx4.1/15, mbtmp4.1/9, ML4.2/1, Error ellipse: s-maj=45.9km s-min=18.4km az=70.0

NEIC 23 02:36:16.4, 3.5, 377S, 131.39E, h22km, 26km, mb4.1/7, Error ellipse: s-maj=17.3km s-min=9.1km az=53.0

ISC 23 02:36:18.9, 1.5, 406S, 0.6, 1312E, 0.10, h41km, 15km, n27, 1.172/33, mb4.0/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, BATI Baunata, FITZ Fitzroy Crossi, etc.

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

IDC 23 02:50:43.2, 5.6, 2183S, 17120E, h0km, mb3.8/3, mb1 4.0/3, mb1 mx3.7/14, mbtmp3.8/3, MS3.8/2, Ms1 3.8/2, ms1 mx3.2/17, Error ellipse: s-maj=200.8km s-min=49.2km az=146.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, ASAR Alice Springs, etc.

ATH 23 02:54:47.2, 4.2028N, 2059E, h18km, 3km, MD3.2/4, ISCJB 23 02:54:48.7, 0.6, 4025N, 0.03, 2052E, 0.06, h15km, 9km, Error ellipse: s-maj=8.0km s-min=4.4km az=120.0

CSEM 23 02:54:48.0, 0.2, 4029N, 2054E, h15km, MD3.2, Error ellipse: s-maj=4.4km s-min=2.4km az=120.0

SKO 23 02:54:48.6, 4029N, 2052E, h2km, THE 23 02:54:48.7, 4026N, 2058E, h3km, ML2.5, ISC 23 02:54:48.2, 0.5, 4025N, 0.03, 2052E, 0.05, h15km, 5km, n14, 0.157/25, Greece-Albania border region

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

ISCJB 23 02:57:46.0, 0.6, 3812N, 0.02, 2720E, 0.04, h4km, 4km, Error ellipse: s-maj=4.8km s-min=3.4km az=8.2

CSEM 23 02:57:45.5, 0.2, 3811N, 2723E, h5km, ML2.9, Error ellipse: s-maj=5.3km s-min=3.9km az=100.0

DDA 23 02:57:45.2, 3813N, 2721E, h18km, 2km, Md2.8, ATH 23 02:57:46.6, 3813N, 2714E, h20km, 3km, MD3.2/3, THE 23 02:57:47.4, 3820N, 2716E, h3km, ML2.9, ISC 23 02:57:46.0, 0.5, 3814N, 0.02, 2723E, 0.03, h1km, 4km, n20, 0.095/39, I, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAG Borovna, BLBC Balovca, GCAM G?zelcaml?, etc.

LDG 23 03:06:07.1, 1.0, 313S, 16728E, h10km, Error ellipse: s-maj=8.1km s-min=14.4km az=94.0

NEIC 23 03:06:30.7, 7.9, 1491S, 1674E, h23km, 69km, mb3.9/3, Error ellipse: s-maj=32.3km s-min=21.7km az=77.0

IDC 23 03:06:32.3, 9.8, 1496S, 16764E, h24km, 88km, mb3.5/9, mb1 3.7/9, mb1 mx3.6/16, mbtmp3.5/9, Error ellipse: s-maj=39.4km s-min=23.3km az=89.0

ISCJB 23 03:06:34.4, 2.3, 150S, 0.1, 1675E, 0.1, h28km, 21km, mb3.8/11, Error ellipse: s-maj=23.2km s-min=21.3km az=26.3

ISC 23 03:06:35.2, 2.3, 150S, 0.1, 1676E, 0.1, h275km, 21km, n42, 0.076/16, mb3.8/11, Vanuatu Islands

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR, FURC, GMRC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like J09A, 318A, T14A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, CLM, VTS, etc.

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

ISC/JB 23 04:47:20.4.0.5.3254N.007:13776E.007, h399km, 4km, mb3.4/9, Error ellipse: s-maj=11.2km s-min=8.9km az=166.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TK01, TK02, TK04, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JHJ, JH2, JH3, etc.

ISC/JB 23 05:12:11.0.1.8.320S.01:1784W.05, h336km, 15km, mb2.7/2, Error ellipse: s-maj=67.2km s-min=10.0km az=12.4

ERM	Ermo	7.78	16	eP	Pn	05 59 39.8	-3.8
ERM				e		06 01 02.0	
ERM				pmax	pmax		
ERM	comp-Z,58nm,0.4s						
ERM	Ermo	7.78	16	ePn	Pn	05 59 39.8	-3.8
ERM	comp-Z,58nm,0.4s						
ERM	Nakatsue	7.98	262	eSn	Sn	06 01 02.0	-8.2
JUN				Pn	Pn	05 59 49.3	+2.8
ASAJ	Asahikawa	9.71	10	P	Pn	06 00 06.0	-4.0
ASAJ	comp-Z,11nm,0.3s,baz=220,slow=9.5,SNR=48			S	Sn	06 01 49.9	-7.8
ASAJ	comp-Z,2.2nm,0.3s,baz=298,slow=27,SNR=48			S	Sn	06 04 39.1	
ASAJ	Asahikawa	9.71	10	P	Pn	06 00 06.0	-4.0
ASAJ				S	Sn	06 01 49.9	-7.7
ASAJ	comp-Z,11nm,0.3s			pmax	pmax		
ASAJ				smax			
ASAJ	comp-N,2.0nm,0.3s						
KSR5	Korea Array	10.45	290	P	Pn	06 00 23.1	+2.9
KSR5	comp-N,0.7nm,0.3s,baz=108,slow=14,SNR=28			LR		06 04 17.8	
KSR5	comp-N,272nm,20.4s,baz=147,slow=37			Pn	Pn	06 00 44.9	-3.5
YSS	Yuzh-Sakhalins	12.53	8	eP	Pn	06 00 45.2	-3.2
YSS				pmax	pmax		
YSS	comp-Z,30nm,0.9s						
YSS	Yuzh-Sakhalins	12.53	8	ePn	Pn	06 00 45.2	-3.2
JOW	Kunigami	12.90	237	LR	LR	06 05 20.7	
MDJ	Mudanjiang	13.01	324	P	Pn	06 00 51.4	-3.6
MDJ				AMB	AMB		
MDJ	comp-Z,7.0nm,0.8s						
MDJ	comp-Z,52nm,4.8s						
MDJ	Mudanjiang	13.01	324	eP	Pn	06 01 00.8	+5.7
MDJ	comp-Z,32m,1.0s						
HABR	Khabarovsk	14.45	346	eP	Pn	06 01 09.4	-5.1
HABR				eS	Sn	06 03 51.2	-2.1
HABR				S	Sn	06 01 25.1	+3.1
SNY	Shenyang	15.02	304	AMB	AMB		
SNY	comp-Z,96nm,13.3s						
SNY	comp-N,126nm,14.5s						
SNY	comp-E,210nm,17.6s						
SNY	comp-Z,238nm,20.2s						
KLR	Kul'dur	15.98	339	eP	Pn	06 01 26.3	-8.0
SSE	Sheshan	16.45	263	eP	Pn	06 01 37.5	-2.9
SSE				S	S	06 04 40.9	-11.1
SSE	comp-Z,26nm,0.7s						
SSE	comp-N,69nm,17.9s						
SSE	comp-E,222nm,17.9s						
SSE							
BJI	Beijing	19.95	293	P	Pn	06 02 20.3	-2.5
BJI				S	S	06 06 03.8	+1.4
BJI	comp-Z,6.0nm,0.7s						
BJI	comp-Z,155nm,4.5s						
BJI	comp-N,148nm,23.7s						
BJI	comp-E,163nm,27.8s						
BJI	comp-Z,258nm,31.4s						
BJT	Baijiatou	19.95	293	eP	Pn	06 02 24.5	+1.6
BJT				pmax	pmax		
BJT	comp-Z,9.0nm,0.5s						
BJT	Baijiatou	19.95	293	eP	Pn	06 02 24.5	+1.7
BJT	comp-Z,8.8nm,0.5s						
GUMO	Guam	21.27	168	LR	LR	06 10 05.3	
GUMO	comp-Z,51nm,20.9s,baz=77,slow=34						
WHN	Wuhan	22.23	267	P	Pn	06 02 46.0	+0.6
WHN				S	S	06 06 42.5	-4.8
WHN				LR	LR		
PETK	Petropavlovsk	22.28	28	P	P	06 02 45.8	+0.1
PETK	comp-Z,4.1nm,0.6s,mb4.0,baz=216,slow=9.3,SNR=8.1					06 11 48.5	
PETK	comp-Z,66nm,20.4s,baz=128,slow=37						
HHC	Hu-ho-hao-te	23.54	294	eP	P	06 02 56.3	-2.4
HHC				AP	AP	06 02 59.3	
HHC				XP	XP	06 03 01.5	-1.6
HHC				PP	PP	06 03 28.4	
HHC				PCP	PCP	06 06 43.8	+1.1
HHC				S	S	06 07 06.0	-2.9
HHC				SCP	SCP	06 10 19.8	+3.2
HHC				PCS	PCS	06 10 21.4	-0.6
HHC				AMB	AMB		
HHC	comp-Z,18nm,0.6s,mb4.7						
HHC	comp-Z,85nm,7.9s						
HHC	comp-N,118nm,15.0s,MS3.7						
HHC	comp-E,162nm,14.8s,MS3.7						
HHC	comp-Z,111nm,14.6s,MS3.5						
CLNS	Chul'man	24.64	339	eP	P	06 03 09.2	+0.7
CLNS				e		06 04 49.0	
CLNS				eS	S	06 06 39.4	
CLNS				pmax	pmax		
CLNS	comp-Z,25nm,0.9s,mb4.7						
CLNS	comp-N,14nm,1.1s						
CLNS	comp-E,6.0nm,0.9s						
CLNS	comp-N,9.0nm,1.0s						
CLNS	comp-E,9.0nm,1.0s						
XAN	Xi'an	25.90	278	P	P	06 03 18.4	-1.8
XAN				AP	AP	06 03 23.1	-1.0
XAN				sP	sP	06 03 25.4	-1.4
XAN				PP	PP	06 03 58.4	
XAN				PPP	PPP	06 04 10.5	
XAN				PCP	PCP	06 06 47.0	-1.0
XAN				S	S	06 07 45.0	-1.6
XAN				SCP	SCP	06 10 26.3	+3.0
XAN				PCS	PCS	06 10 27.8	-1.1
XAN				SCS	SCS	06 14 14.6	+1.7
XAN				AMB	AMB		
XAN	comp-Z,11nm,1.1s,mb4.3						
XAN	comp-Z,57nm,8.9s						
XAN	comp-N,74nm,18.7s						
XAN	comp-E,95nm,21.4s						
XAN	comp-Z,171nm,17.4s,MS3.6						
MA2	Magadan	25.96	12	eP	P	06 03 19.8	-0.7
MA2				e		06 04 04.3	
MA2				pmax	pmax		
MA2	comp-N,10.0nm,0.8s						
MA2	comp-Z,30nm,0.8s,mb4.9						
MA2	Magadan	25.96	12	eP	P	06 03 18.0	-2.5
MA2	comp-Z,24nm,0.8s,mb4.8						
YAK	Yakutsk	28.32	349	eP	P	06 03 53.2	-1.5
YAK				e		06 04 49.0	
YAK				eS	SS	06 10 05.4	-2.0
YAK				pmax	pmax		
YAK	comp-Z,19nm,1.0s,mb4.7						
YAK				pmax	pmax		
SONM	Songino Array	28.52	308	P	P	06 03 44.5	+0.9
SONM	comp-N,4.0nm,0.6s,mb4.3,baz=90,slow=8.1,SNR=26			ScP	ScP	06 10 31.3	+0.4
SONM	comp-N,1.1nm,0.8s,baz=62,slow=3.5,SNR=5.3			LR	LR	06 15 47.2	
SONM	comp-N,198nm,19.1s,MS3.7,baz=194,slow=36			P	P	06 03 44.5	+0.9
SONM	Songino Array	28.52	308	P	P		
SONM	comp-Z,4.0nm,0.6s			pmax	pmax		

SONM	comp-N,1.0nm,0.8s			MLR	MLR		
SONM	comp-Z,198nm,19.1s						
SEY	Seymchan	29.39	11	eP	P	06 03 50.5	-0.6
LZH	Lanzhou	29.70	284	eP	P	06 03 51.5	-2.6
LZH				pP	pP	06 05 55.8	-1.1
LZH				sP	sP	06 03 58.4	-1.5
LZH	comp-Z,13nm,1.0s,mb4.6			AMB	AMB		
LZH	comp-Z,90nm,4.0s			AMB	AMB		
GYA	Guiyang	29.99	264	P	P	06 03 56.9	0.0
GYA				PP	PP	06 04 55.3	-1.0
GYA				S	S	06 08 53.9	+2.6
GYA				SCP	SCP	06 10 41.0	+5.0
GYA				SCS	SCS	06 14 34.9	+3.3
GYA				AMB	AMB		
GYA	comp-Z,10.0nm,0.8s,mb4.6						
GYA	comp-Z,80nm,4.3s			AMB	AMB		
GYA	comp-N,460nm,16.2s,MS4.3			LR	LR		
GYA	comp-E,480nm,17.0s,MS4.3			LR	LR		
GYA	comp-Z,460nm,16.5s,MS4.2			LR	LR		
CD2	Chengdu	30.86	274	P	P	06 04 02.6	-1.9
CD2				AP	AP	06 04 07.0	-1.1
CD2				XP	XP	06 04 10.3	-1.3
CD2				PP	PP	06 05 03.9	-1.1
CD2				S	S	06 09 04.4	-0.5
CD2				AMB	AMB		
CD2	comp-Z,40nm,0.7s,mb5.4						
CD2	comp-Z,60nm,4.2s			AMB	AMB		
CD2	comp-N,920nm,18.0s			LR	LR		
CD2	comp-Z,250nm,15.6s,MS4.0			LR	LR		
ZAK	Zakamensk	31.19	312	eP	P	06 04 07.0	-0.1
ZAK				pmax	pmax		
ZAK	comp-Z,2.0nm,0.8s,mb4.0						
TLY	Talaya	31.36	314	eP	P	06 04 07.1	-1.5
TLY				ePPP	ePPP	06 04 22.9	-2.8
TLY				eS	S	06 09 12.1	0.0
TLY				eSS	SS	06 10 53.0	-3.5
TLY				pmax	pmax		
TLY	comp-Z,5.0nm,0.9s,mb4.3						
TLY	comp-Z,81nm,17.0s,MS3.8			MLR	MLR		
TLY	Talaya	31.36	314	eP	P	06 04 05.9	-2.7
TLY	comp-Z,4.2nm,0.7s,mb4.2						
GTA	Gaotai	32.52	291	AP	P	06 04 18.8	-0.2
GTA				AP	pP	06 04 22.9	-2.8
GTA				XP	sP	06 04 25.0	-1.3
GTA				PP	PP	06 05 28.5	-4.6
GTA				S	S	06 09 34.1	+3.5
GTA				AMB	AMB		
GTA	comp-Z,6.0nm,0.5s,mb4.8						
GTA	comp-Z,76nm,5.0s			AMB	AMB		
GTA	comp-N,90nm,14.1s,MS3.8			LR	LR		
GTA	comp-E,101nm,14.1s,MS3.8			LR	LR		
GTA	comp-Z,140nm,15.6s,MS3.8			LR	LR		
KMI	Kunming	33.77	264	P	P	06 04 31.6	+1.6
KMI				AMB	AMB		
KMI	comp-Z,11nm,0.7s,mb4.9						
BILL	Bilibino	36.65	16	eP	P	06 04 54.1	-0.2
BILL				eS	S	06 10 39.8	+6.3
BILL				pmax	pmax		
BILL	comp-Z,3.0nm,0.6s,mb4.3						
BILL	comp-Z,100nm,17.0s,MS3.7			MLR	MLR		
BILL	Bilibino	36.65	16	eP	P	06 04 54.2	-0.1
BILL	comp-Z,4.5nm,0.9s,mb4.3						
TIXI	Tiksi	37.65	354	eP	P	06 05 01.4	-1.3
TIXI				pmax	pmax		
TIXI	comp-Z,2.0nm,0.6s,mb4.0						
TIXI	Tiksi	37.65	354	eP	P	06 05 02.0	-0.7
NIKO	Nikolski	40.10	47	eP	P	06 05 22.5	-0.9
NIKO	comp-Z,32nm,0.6s,mb5.2						
WMQ	Urumqi	41.22	299	P	P	06 05 33.9	+1.1
WMQ				AP	pP	06 05 38.4	-7.9
WMQ				XP	sP	06 05 40.9	-1.1
WMQ				PP	PP	06 07 12.4	+3.9
WMQ				S	S	06 11 46.8	+4.0
WMQ				AMB	AMB		
WMQ	comp-Z,12nm,1.4s,mb4.3						
WMQ	comp-Z,128nm,5.8s			AMB	AMB		
WMQ	comp-N,187nm,18.5s,MS4.1			LR	LR		
WMQ	comp-E,142nm,17.0s,MS4.1			LR	LR		
WMQ	comp-Z,239nm,19.0s,MS4.1			LR	LR		
ZAO	Zalesovo Array	42.97	314	eP	P	06 05 46.6	-0.3
ZAO				ePcP	pP	06 07 35.6	-0.9
ZAO				P	P</		

23d 7h

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VLAV, HBRB, JHJ, MDJ, etc.

2007 JUN

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BILB, LZHZ, TIXI, etc.

678

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUNB, MENT, KAKI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and Name. Includes stations like U14A Mt Trumbull, T15A Red Dirt Ranch, and many others.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and Name. Includes stations like CCM Cathedral Cave, TXAR Lajitas Array, and many others.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and Name. Includes stations like GYA GYA, SCS AMB, and many others.

Table with columns: ARU, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arti, Seymchan, South Pole Qui, Kiv, Tiksi, etc.

BGS 23 08:17:11.7z 1.0, 2.083N:101.59E, h22km, mb5.2, MS5.4
ISC 23 08:17:16.3z 0.3, 2.156N:99.86E, h0km, mb5.0/2.8, mb1 5.0/2.9, mb1mx5.0/2.9, mbtmp5.0/2.9, ML4.6/1, MS5.1/34, MS1 5.1/34, ms1mx5.1/40, Error ellipse: s-maj=8.7km s-min=6.0km az=64.0
ISCJB 23 08:17:17.1z 1.0, 2.147N:002.997E:002, h15km, mb5.2/2.0, MS5.4/2.42, Error ellipse: s-maj=2.5km s-min=2.1km az=11.8
BJJ 23 08:17:17.0z 2.144N:99.95E, h17km, mb5.4, mb5.2, ML5.9, MS6.1, MSz5.7
NEIC 23 08:17:19.9z 1.0, 2.147N:99.78E, h22km, 7km, mb5.4/10.9, MS5.4/175, MW5.6, Error ellipse: s-maj=4.2km s-min=2.8km az=221.0, Moment Tensor Solution. s13
Moment tensor: Scale 1017Nm; Mw=0.66; Mw=1.96; Mw=1.30; Mw=0.86; Mw=2.23; Mw=0.72; Best double couple: M2:90000x1017 Np1:162.00000; s86.00000; lambda:163.00000; NP2:71.00000; s73.00000; lambda:4.00000; Principal axes: T:2.4700; P1g:0.0000; Azm295.0000; N:0.9200; P1g72.0000; Azm175.0000; P:-3.3900; P1g15.0000; Azm28.0000;
NEIC Felt at Keng Tung, Felt (III) at Chiang Rai and (II) at Chiang Mai, Thailand. Also felt at Bangkok, Ban Mae Chen and Mae Sai, Thailand and Jinghong, China.
SZGRF 23 08:17:19.7z 1.0, 2.105N:99.96E, h33km, mb5.3, MS5.5, Myanmar-China border region
MOS 23 08:17:19.7z 0.9, 2.148N:99.78E, h33km, mb5.6/96, MS5.4/54, Error ellipse: s-maj=6.9km s-min=3.3km az=123.0
GCMT 23 08:17:19.9z 0.1, 2.149N:100.00E, h16km, mb5.6/110, Moment Tensor Solution. s85, c148; s110, c268; Duration: 166 Moment tensor: Scale 1017Nm; Mw=0.55z0.4; Mw=2.49z0.4; Mw=3.04z0.4; Mw=0.20z1.0; Mw=1.64z0.3; Mw=0.86z1.2; Best double couple: M3:30700x1017 Np1:161.00000; s81.00000; lambda:8.00000; NP2:330.00000; s82.00000; lambda:171.00000; Principal axes: T:3.6740; P1g12.0000; Azm285.0000; N:-0.7320; P1g78.0000; Azm110.0000; P:-2.9400; P1g1.0000; Azm15.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.
PLV 23 08:17:21.1z 0.8, 2.163N:100.22E, h10km, 4km, MD5.2, ML5.2
DJA 23 08:17:21.2156N:99.71E, h14km, mb5.4/42
ISC 23 08:17:16.7z 0.5, 2.149N:002.9981E:001, h1km, 3km, n943, s106/860, mb5.3/200, MS5.4/241, 84C-33D, Myanmar-China border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHG, CHTO, DBV, KMI, SLVN, etc.

Main table with columns: DSV, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Doi Son, Khon Kaen, Bac-Giang, Met, Imphal, Phu-Lien, Guiyang, Shilong, Qiongzong, Chengdu, Calcutta, Lhasa, etc.

Table with columns: GTA, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kepong, Jabalpur, Prapat, Lohaghat, Nagpur, Pithoragarh, Kluang, Bolinao, Santa Cruz, Nanjing, Kota Tinggi, Yeheng, Taipei, Baguio City Da, Joshimath, Hyderabad, Lubang, Hyderabad, Chennai, Lubang, Baotou, Taian, Aurosa, Akola, Sheshan, New Delhi, Sohna, Aya Nagar, Kalpa, Hu-ho-hao-te, Gorkha, Wuhua, etc.

NAY	Amb	AMB	08 25 57.6	
MAK	Makhachkala 48.30 309	eP	P	08 25 55.2 -4.4
MAK		i	P	08 27 47.4
MAK		ePPP	S	08 28 45.5
MAK		eS	S	08 32 52.6 -7.8
MAK		eSS	S	08 35 46.8
MAK		pmx	pmx	08 37 45.4
MAK	comp-Z,151nm,1.2s,mb6.0	MLR	MLR	
SOKR	Solikamsk 48.70 332	iP	P	08 26 03.4 +1.0
SOKR		S	P	08 33 07.1 +1.5
DGRG	David-gareji 49.66 307	P	S	08 26 10.7 +0.6
DGRG		S	P	08 33 20.7 +1.0
GNI	Garni 50.01 305	iP	P	08 26 13.7 +0.9
GNI	comp-Z,106nm,1.4s	pmx	pmx	
GNI	comp-Z,3um,24.0s	MLR	MLR	
GNI	Garni 50.01 305	eP	P	08 26 14.2 +1.4
GNI	comp-Z,87nm,1.2s,mb5.6	LR	LR	
MTA	Mtatsminda 50.12 307	P	P	08 26 14.0 +0.5
MTA		S	P	08 33 27.1 +1.0
CDR	Caldiran 50.58 304	P	P	08 26 17.6 +0.5
MSEY	Mahe Island 50.62 244	PFAKE	P	08 26 30.0 +1.2
MSEY		LR	LR	
HAHT	HAKKARI 50.67 301	P	P	08 26 18.6 +0.8
CUKT	Cukurca 50.74 301	eP	P	08 26 22.3 +1.6
AKH	Akhalkalaki 51.06 306	S	P	08 33 44.0 +4.8
DIGO	Kars 51.08 305	iP	P	08 26 22.4 +1.6
ONI	Oni 51.21 308	P	S	08 26 23.2 +1.5
ONI		S	P	08 33 43.5 +2.4
AGRB	Hanur-Agry 51.32 304	S	P	08 26 23.4 +0.7
KIV	Kislovodsk 51.91 310	P	P	08 26 27.8 +0.8
KIV	Kislovodsk 51.91 310	eP	P	08 26 27.5 +0.5
KIV		i	S	08 28 26.8
KIV		i	S	08 33 55.6 +4.9
KIV	comp-Z,171nm,1.5s,mb5.8	pmx	pmx	
KIV	comp-Z,3um,18.0s,MS5.4	MLR	MLR	
KIV	Kislovodsk 51.91 310	eP	P	08 26 27.8 +0.8
KIV	comp-Z,207nm,1.2s,mb5.9	LR	LR	
HOMI	comp-Z,3um,19.0s,MS5.3	LR	LR	
ARTV	Arvin 52.18 305	iP	P	08 26 30.4 +1.3
MA2	Magadan 52.26 306	iP	P	08 26 30.7 +1.3
MA2		P	P	08 26 28.7 -0.7
MA2		i	S	08 28 33.2
MA2		ePPP	P	08 29 39.7
MA2		eSS	S	08 33 50.7 -4.4
MA2		pmx	pmx	08 37 20.8 -1.2
MA2	comp-Z,70nm,1.1s,mb5.5	MLR	MLR	
MA2	comp-Z,3um,14.9s,MS5.4	MLR	MLR	
MA2	Magadan 52.26 306	eP	P	08 26 29.3 0.0
MA2	comp-Z,61nm,1.1s,mb5.4	LR	LR	
LBOS	Lobos 52.33 271	eP	P	08 26 31.5 +1.0
BCA	Borcka 52.47 306	iP	P	08 26 30.7 -0.5
ERZM	Erzurum 52.59 304	iP	P	08 26 34.1 +2.0
EZM	Erzurum 52.59 304	eP	P	08 26 34.1 +2.0
BNGL	BINGOL 52.72 303	iP	P	08 26 34.5 +1.4
TIXI	Tiksi 52.90 11	iP	P	08 26 33.2 -0.7
TIXI		S	P	08 34 02.3 -1.2
TIXI	comp-Z,88nm,1.5s,mb5.5	pmx	pmx	
TIXI	comp-Z,5um,13.0s,MS5.8	MLR	MLR	
TIXI	Tiksi 52.90 11	eP	P	08 26 32.6 -1.3
TIXI		LR	LR	
MARD	Mardin 53.00 301	iP	P	08 26 36.1 +0.9
WAR	Warrungarra Arr 53.24 138	P	P	08 26 36.3 -0.8
WAR	comp-Z,36nm,0.9s,mb5.3,baz=325,slow=7.6,SNR=112	LR	LR	
WRA	comp-Z,1um,19.2s,MS5.0,baz=280,slow=39	LR	LR	08 51 46.3
WRAB	Tennant Creek 53.24 138	eP	P	08 26 36.8 -0.3
WRAB	comp-Z,51nm,0.9s,mb5.5	LR	LR	
WB2	Warrungarra Arr 53.25 138	iP	P	08 26 36.6 -0.6
KOPT	Kop Dag 53.26 304	iP	P	08 26 38.0 +1.0
DIVA	Diyarbakir 53.52 302	iP	P	08 26 39.5 +0.5
TRBA	At Turbah 53.56 271	eP	P	08 26 39.7 0.0
VRHR	Novokhopersk 53.69 318	iP	P	08 26 39.5 -0.5
VRHR		eS	S	08 34 12.9 -1.9
VRHR		pmx	pmx	
VRHR	comp-Z,60nm,0.6s,mb5.8	pmx	pmx	
VRHR	comp-E,50nm,0.8s	pmx	pmx	
VRHR	comp-Z,2um,14.0s,MS5.3	MLR	MLR	
VRHR	comp-N,1um,12.0s,MS5.2	MLR	MLR	
VRHR	comp-E,990nm,15.0s,MS5.2	MLR	MLR	
PETK	Petrovavovsk 53.91 39	P	P	08 26 39.9 -1.7
PETK	comp-Z,6.4nm,0.8s,mb4.7,baz=222,slow=5.8,SNR=9.3	LR	LR	08 51 11.4
GUMT	Gumushane 54.05 305	eP	P	08 26 43.5 +0.7
PTK	Petek 54.09 303	eP	P	08 26 43.6 +0.4
SEY	Seymchan 54.35 27	eP	P	08 26 44.3 -0.4
PET	Petrovavovsk 54.46 39	eP	P	08 26 44.2 -1.4
PET		eS	S	08 34 15.5 -1.0
PET		pmx	pmx	
PET	comp-Z,43nm,1.0s,mb5.4	MLR	MLR	
PET	comp-Z,6um,17.0s,MS5.7	MLR	MLR	
PET	comp-Z,6um,17.0s	MLR	MLR	
PET	Petrovavovsk 54.46 39	eP	P	08 26 45.8 +0.2
PET	comp-Z,36nm,1.0s,mb5.3	LR	LR	
URFA	Urfa 54.55 301	eP	P	08 26 46.2 -0.4
KEMA	Kemaliye 54.79 304	iP	P	08 26 49.2 +0.9
MALT	Malatya 54.85 302	iP	P	08 26 49.6 +0.9
MALT	Malatya 54.85 302	iP	P	08 26 49.5 +0.8
MYA	Malatya 54.85 302	iP	P	08 26 49.8 +1.0
ATAB	Bozoy 54.97 301	iP	P	08 26 50.2 +0.5
GRSN	GIRESGUNRSN 54.98 306	iP	P	08 26 49.3 -0.3
VORD	Divnogorie 55.12 318	eP	P	08 26 49.2 -1.2
VORD		eS	S	08 34 31.5 -2.6
VORD		pmx	pmx	08 36 38.6
VORD	comp-Z,20nm,1.0s,mb5.1	pmx	pmx	
VORD	comp-E,10.0nm,0.6s	pmx	pmx	
VORD	comp-Z,3um,18.0s,MS5.5	MLR	MLR	
VORD	comp-N,2um,15.0s,MS5.5	MLR	MLR	
VORD	comp-N,2um,17.0s,MS5.5	MLR	MLR	
VRSR	Storozhevoje 55.22 318	iP	P	08 26 50.0 -1.2
VRSR		eS	S	08 34 32.7 -2.8
VRSR		pmx	pmx	08 36 38.0
VRSR	comp-N,1.0nm,1.0s	pmx	pmx	
VRSR	comp-Z,4.0nm,1.0s,mb4.4	pmx	pmx	
VRSR	comp-E,4.0nm,0.9s	MLR	MLR	
VRSR	comp-Z,390nm,14.0s,MS4.6	MLR	MLR	
VRSR	comp-N,100nm,12.0s,MS4.7	MLR	MLR	
VRSR	comp-E,410nm,15.0s,MS4.7	MLR	MLR	

AKCD	Akadag 55.25 302	iP	P	08 26 52.4 +0.7
VOR	Voronezh 55.29 319	eP	P	08 26 50.0 -1.7
VOR		pmx	pmx	
GZT	comp-Z,160nm,1.6s,mb5.8	MLR	MLR	
ANN	Gaziantep 55.56 301	iP	P	08 26 54.5 +0.7
ANN	Anapa 55.73 310	eP	P	08 28 45.2 -1.0
ANN		eSS	SS	08 38 21.8 -5.8
ANN	comp-Z,94nm,1.5s,mb5.6	pmx	pmx	
ANN		MLR	MLR	
ASAR	Alice Springs 55.82 142	P	P	08 26 55.4 -0.4
ASAR	comp-Z,32nm,0.8s,mb5.4,baz=322,slow=7.2,SNR=162	PcP	PcP	08 27 54.4 -0.4
GAZ	Gaziantep 55.85 301	eP	P	08 26 55.6 -0.3
SVSK	Karacayir 55.95 304	eP	P	08 26 56.6 +0.1
ANDir	Andir 56.52 302	iP	P	08 27 00.8 +0.1
NWAO	Narrogin (SRO) 56.61 162	P	P	08 27 01.6 +0.4
NWAO	comp-Z,19nm,0.7s,mb5.2,baz=324,slow=0.1,SNR=6.2	S	S	08 34 57.7 +3.5
NWAO	Narrogin (SRO) 56.61 162	S	P	08 27 01.6 +0.4
NWAO		LR	LR	08 34 57.7 +3.5
NWAO		LR	LR	
KVT	Kavak 56.66 306	eP	P	08 27 02.0 +0.3
BNN	Bunyan 56.86 303	eP	P	08 27 02.4 -0.7
MOS	Moscow 56.90 323	eP	P	08 27 03.1 0.0
MOS		eS	S	08 34 56.7 -1.0
MOS	comp-Z,84nm,0.9s,mb5.8	pmx	pmx	
MOS		MLR	MLR	
MOS	comp-Z,3um,17.0s,MS5.5	MLR	MLR	
COZT	Kozan 56.94 301	eP	P	08 27 05.5 +1.8
CEYH	Ceyhan 57.02 301	eP	P	08 27 04.5 +0.2
HWQ	Hawqa 57.05 298	eP	P	08 27 05.0 +0.4
BHL	Bhannes 57.33 297	eP	P	08 27 06.8 +0.3
OBN	Obninsk 57.39 322	iP	P	08 27 06.2 -0.4
OBN		i	S	08 35 01.6 -2.6
OBN	comp-Z,69nm,1.7s,mb5.4	pmx	pmx	
OBN		MLR	MLR	
OBN	comp-Z,3um,20.0s,MS5.4	MLR	MLR	
OBN	Obninsk 57.39 322	eP	P	08 27 06.8 +0.2
OBN		LR	LR	
CTKT	Corum 57.62 305	iP	P	08 27 09.1 +0.6
AVNT	Avonos 57.64 303	iP	P	08 27 08.4 -0.3
COZM	Corum 57.76 305	eP	P	08 27 09.4 0.0
GULE	Gulek 57.78 301	iP	P	08 27 10.6 +0.9
NIG	Nigde 57.86 302	eP	P	08 27 10.9 +0.7
CDAG	Cicekdag 57.98 304	iP	P	08 27 07.0 -4.0
SIM	Simferopol' 58.09 310	iP	P	08 27 11.5 -0.2
SIM		e	S	08 29 19.0
SIM		eS	S	08 35 13.5 -0.2
SIM	comp-Z,38nm,1.7s,mb5.2	pmx	pmx	
SIM		MLR	MLR	
BZK	Bozkurt 58.18 307	eP	P	08 27 11.7 -0.7
CANT	Canik 58.51 305	eP	P	08 27 14.4 -0.4
FORT	Forrest 58.62 152	eP	P	08 27 14.6 -0.9
TMCR	Tamitsa 58.65 333	eP	P	08 27 16.6 +1.3
IKL	Lodumli 58.73 300	eP	P	08 27 12.1 -3.7
CSS	Prodhromos 59.14 299	eP	P	08 27 17.9 -1.3
ANTO	Ankara 59.18 304	eP	P	08 27 19.1 -0.3
ANTO	Ankara 59.18 304	P	P	08 27 19.7 +0.3
ANTO	Ankara 59.18 304	P	P	08 27 19.8 +0.4
ANTO	comp-Z,64nm,1.2s,mb5.5	pmx	pmx	
ANTO	Ankara 59.18 304	iP	P	08 27 19.3 -0.1
ANTO	Ankara 59.18 304	eP	P	08 27 19.4 0.0
ANTO	comp-Z,64nm,1.3s,mb5.5	LR	LR	
ANTO	comp-Z,840nm,20.0s,MS4.9	LR	LR	
SAFT	Safarabolu 59.19 306	eP	P	08 27 19.7 +0.3
LOD	Lodumli 59.20 304	eP	P	08 27 19.1 -0.4
LEF	Lefka 59.48 299	eP	P	08 27 21.1 -0.5
LADK	Ladik-KONYA 59.62 302	eP	P	08 27 21.4 -1.2
HDMB	Hadim 59.63 301	eP	P	08 27 21.3 -1.3
KONT	Konya--Tatoy 59.65 302	eP	P	08 27 21.0 -1.7
KDH	Kadinhani 59.79 303	iP	P	08 27 21.9 -1.8
KIZT	Kizilirmak 59.95 303	eP	P	08 27 23.6 -1.1
KDZE	Karadeniz Eree 60.13 306	eP	P	08 27 24.9 -1.0
MOKU	Mudurnu 60.35 305	eP	P	08 27 27.0 -0.5
ESKT	Eskisehir 60.70 304	iP	P	08 27 29.5 -0.3
LVZ	Lovozero 60.98 337	eP	P	08 27 29.6 -1.7
LVZ		pmx	pmx	
LVZ	comp-Z,9.0nm,1.0s,mb4.8	MLR	MLR	
SHUT	Suhut-Afyon 61.02 303	eP	P	08 27 31.4 -0.6
ISP	Isparta 61.12 302	eP	P	08 27 31.9 -0.8
ISP	Isparta 61.12 302	LR	LR	08 27 31.9 -0.8
TKTP	Teketepe 61.24 302	iP	P	08 27 32.0 -1.6
JOF	Joensuu 61.31 331	eP	P	08 27 33.3 -0.3
JOF	comp-Z,20nm,0.8s,mb5.3	pmx	pmx	
JOF	Joensuu 61.31 331	eP	P	08 27 33.3 -0.3
JOF		pmx	pmx	
APA	comp-Z,20nm,0.8s,mb5.3	pmx	pmx	
APA	Apaitiy 61.36 336	eP	P	08 27 32.4 -1.4
APA		eS	S	08 27 47.0
APA		eS	S	08 35 51.0 -4.2
APA		MLR	MLR	
CTA	comp-Z,4um,17.0s,MS5.7	MLR	MLR	
CTA	Charters Tower 61.39 129	eP	P	08 27 35.1 +0.4
CTA	comp-Z,9nm,0.9s,mb5.2	MLR	MLR	
CTA	Charters Tower 61.39 129	P	P	08 27 34.6 -0.1
CTA	comp-Z,30nm,1.0s,mb5.4,baz=326,slow=7.7,SNR=10	MLR	MLR	
CTA	Charters Tower 61.39 129	eP	P	08 35 56.4 -0.4
CTA	comp-Z,3.6nm,1.0s,baz=264,slow=3.8,SNR=1.8	MLR	MLR	
CTA	Charters Tower 61.39 129	eP	P	08 27 35.1 +0.4
CTA		pmx	pmx	
CTAO	Charters Tower 61.39 129	eP	P	08 27 35.2 +0.5
CTAO	comp-Z,39nm,1.0s,mb5.3	LR	LR	
AKAS	Malin Array Be 61.45 317	P	P	08 27 33.6 -1.1
AKASG	comp-Z,15nm,0.8s,mb5.2,baz=80,slow=6.1,SNR=68	S	S	08 35 55.1 -1.7
AKASG	comp-Z,0.2nm,0.3s,baz=240,slow=3.1,SNR=3.0	LR	LR	08 58 01.8
AKASG	Malin Array Be 61.45 317	P	P	08 27 33.6 -1.2
AKASG		S	S	08 35 55.2 -1.7
AKKB	Malin Array Si 61.45 317	eP	P	08 27 33.9 -0.9
KIEV	Kiev 61.46 317	eP	P	08 27 33.9 -0.9
KIEV		pmx	pmx	
KIEV	comp-Z,25nm,1.0s,mb5.3	MLR	MLR	
KIEV	Kiev 61.46 317	eP	P	08 27 33.7 -1.1
KIEV	comp-Z,25nm,1.0s,mb5.3	LR	LR	
ADVT	Abdulvahap 61.48 305	eP	P</	

SBF	comp=Z,61nm,1.1s,mb5.6	Sospel	77.09 312 eP	P	08 29 11.4 -0.4	CWF	Charnwood Fore	79.64 323 eP	P	08 29 25.2 -0.5	ROSF	comp=Z,33nm,1.2s,mb5.4	Rostrenen	82.50 319 eP	P	08 29 40.0 -1.1
SBF	comp=Z,147nm,1.2s,mb5.7	Sospel	77.09 312 eP	P	08 29 11.4 -0.4	CWF	comp=Z,19nm,1.3s,mb4.9	Amb	AMB	08 29 36.8	EYAK	Cardova Ski Ar	82.75 27 eP	P	08 29 42.5 +0.3	
SBF	comp=Z,73nm,1.2s,mb5.7	Sospel	77.09 312 eP	P	08 29 11.4 -0.4	LHO	Holmfirth	77.64 324 eP	P	08 29 25.8 0.0	EMHD	Djebel Mahouad	82.87 306 P	P	08 29 43.8 +0.5	
CABF	comp=Z,73nm,1.2s,mb5.7	La Chapelle	77.17 315 eP	P	08 29 11.8 -0.4	ESK	Esksdalemuir	79.70 326 P	P	08 29 25.9 -0.1	ETSF	Etsaut	82.89 313 eP	P	08 29 43.4 +0.2	
CABF	comp=Z,140nm,1.5s,mb5.9	La Chapelle	77.17 315 eP	P	08 29 11.8 -0.4	ESK	Esksdalemuir	79.70 326 eP	P	08 29 25.9 -0.1	ETSF	Etsaut	82.89 313 eP	P	08 29 43.4 +0.2	
CABF	comp=Z,70nm,1.5s,mb5.6	La Chapelle	77.17 315 eP	P	08 29 11.8 -0.4	ESK	comp=Z,33nm,1.4s,mb5.1	Amb	AMB	09 05 15.2	ETSF	Etsaut	82.89 313 eP	P	08 29 43.4 +0.2	
CABF	comp=Z,70nm,1.5s,mb5.6	La Chapelle	77.17 315 eP	P	08 29 11.8 -0.4	ESK	comp=Z,2um,19.1s,MSS.5	AMS	AMS	08 29 26.4 +0.4	BORG	Borgarnes	82.97 338 LR	LR	09 08 14.7	
BNI	Bardonecchia	77.25 313 P	P	08 29 12.8 +0.1	ESK	Esksdalemuir	79.70 326 eP	P	08 29 26.4 +0.5	BORG	Borgarnes	82.97 338 LR	LR	09 25 00.0 +6.8		
BNI	comp=Z,31nm,1.1s,mb5.3	Bardonecchia	77.25 313 P	P	08 29 12.8 +0.2	ESK	comp=Z,34nm,1.3s,mb5.1	MLR	MLR	08 29 26.4 +0.5	SJPF	comp=Z,1um,19.0s,MSS.2	83.26 314 eP	P	08 29 45.5 +0.4	
MEZF	Maizieres J'vi	77.26 317 eP	P	08 29 12.6 -0.1	ESK	comp=Z,2um,20.0s,MSS.5	LR	LR	08 29 26.4 +0.5	SJPF	comp=Z,93nm,1.6s,mb5.5	83.26 314 eP	P	08 29 45.5 +0.4		
MEZF	Maizieres J'vi	77.26 317 eP	P	08 29 12.6 -0.1	ESK	comp=Z,34nm,1.3s,mb5.1	MLR	MLR	08 29 26.4 +0.5	SJPF	comp=Z,47nm,1.6s,mb5.5	83.26 314 eP	P	08 29 45.5 +0.4		
MBDF	Montbardon	77.28 313 eP	P	08 29 12.4 -0.5	COLA	College	79.74 24 P	P	08 29 25.3 -0.7	SJPF	comp=Z,47nm,1.6s,mb5.5	83.26 314 eP	P	08 29 45.5 +0.4		
MBDF	Montbardon	77.28 313 eP	P	08 29 12.4 -0.5	COLA	College	79.74 24 P	P	08 29 25.3 -0.7	FUNA	Funafuti	83.33 102 PFAKE	LR	08 30 00.0 +1.4		
MBDF	comp=Z,38nm,1.4s,mb5.3	Montbardon	77.28 313 eP	P	08 29 12.4 -0.5	COLA	comp=Z,80nm,1.5s,mb5.4	LR	LR	08 29 25.2 -0.8	FUNA	comp=Z,9um,20.0s,MSS.1	83.33 102 PFAKE	LR	08 30 00.0 +1.4	
MBDF	comp=Z,38nm,1.4s,mb5.3	Montbardon	77.28 313 eP	P	08 29 12.4 -0.5	COLA	comp=Z,80nm,1.5s,mb5.4	LR	LR	08 29 25.2 -0.8	FUNA	comp=Z,1um,1.1s	83.33 102 PFAKE	LR	08 30 00.0 +1.4	
BAIF	Baive	77.30 319 eP	P	08 29 12.9 0.0	TCF	Toulx Ste Croi	79.81 316 eP	P	08 29 26.8 0.0	EANR	'Ain N'Sour	84.36 306 P	P	08 29 51.0 +0.1		
BAIF	comp=Z,65nm,1.4s,mb5.3	Baive	77.30 319 eP	P	08 29 12.9 0.0	TCF	comp=Z,28nm,0.9s,mb4.9	P	P	08 29 26.8 0.0	ETHR	Tiaret	84.42 306 P	P	08 29 55.0 +3.8	
BAIF	comp=Z,33nm,1.4s,mb5.3	Baive	77.30 319 eP	P	08 29 12.9 0.0	TCF	Toulx Ste Croi	79.81 316 eP	P	08 29 26.8 0.0	LBTB	Labatse	85.60 241 MLR	MLR	08 29 57.4 +0.2	
BAIF	comp=Z,33nm,1.4s,mb5.3	Baive	77.30 319 eP	P	08 29 12.9 0.0	TCF	comp=Z,2um,19.0s,MSS.4	LR	LR	08 29 26.8 0.0	ESDC	Sonsec Array	86.54 311 P	P	08 30 01.5 -0.2	
TTA	Tatalina	77.32 27 P	P	08 29 13.0 +0.3	KWE	McKinley	79.87 25 P	P	08 29 26.5 -0.3	ESDC	comp=Z,0.9nm,0.5s,mb4.3,baz=48,slow=5.1,SNR=9.6	86.54 311 P	P	08 33 22.8 -0.1		
TTA	comp=Z,33nm,1.4s,mb5.5	Tatalina	77.32 27 P	P	08 29 13.0 +0.3	MCK	McKinley	79.87 25 P	P	08 29 26.3 -0.5	ESDC	comp=Z,0.3nm,0.5s,baz=57,slow=7.7,SNR=3.9	86.54 311 P	P	09 14 18.9	
TAU	Tasmania Unive	77.37 146 PFAKE	LR	08 29 30.0 +1.6	MCK	McKinley	79.87 25 P	P	08 29 26.5 -0.2	ESLA	Sonsec Array	86.54 311 eP	P	08 30 02.0 +0.3		
TAU	comp=Z,2um,22.0s,MSS.4	La Foret Royal	77.32 312 eP	P	08 29 15.1 -0.3	MCK	comp=Z,79nm,1.0s,mb5.6	LR	LR	08 29 26.5 -0.2	ESLA	comp=Z,3.2nm,1.1s,mb4.5	86.54 311 eP	P	08 30 02.0 +0.3	
FRF	La Foret Royal	77.32 312 eP	P	08 29 15.1 -0.3	MCK	comp=Z,80nm,19.0s,MSS.1	LR	LR	08 29 26.6 -0.7	PAB	San Pablo	86.86 311 PFAKE	LR	08 30 10.0 +6.7		
FRF	comp=Z,97nm,1.2s,mb5.5	La Foret Royal	77.32 312 eP	P	08 29 15.1 -0.3	MCK	comp=Z,80nm,19.0s,MSS.1	LR	LR	08 29 26.6 -0.7	PAB	comp=Z,1um,19.0s,MSS.3	86.86 311 PFAKE	LR	08 30 10.0 +6.7	
FRF	comp=Z,48nm,1.2s,mb5.5	La Foret Royal	77.32 312 eP	P	08 29 15.1 -0.3	MCK	comp=Z,80nm,19.0s,MSS.1	LR	LR	08 29 26.6 -0.7	PAB	comp=Z,1um,19.0s,MSS.3	86.86 311 PFAKE	LR	08 30 10.0 +6.7	
FRF	comp=Z,48nm,1.2s,mb5.5	La Foret Royal	77.32 312 eP	P	08 29 15.1 -0.3	MCK	comp=Z,80nm,19.0s,MSS.1	LR	LR	08 29 26.6 -0.7	PAB	comp=Z,1um,19.0s,MSS.3	86.86 311 PFAKE	LR	08 30 10.0 +6.7	
ORIF	Oris-en-Rattie	77.83 314 eP	P	08 29 15.8 -0.1	KPL	Plockton	80.14 328 AMS	AMS	09 04 40.2	MSKU	Masuku	85.06 267 PFAKE	LR	08 30 20.0 +1.5		
ORIF	comp=Z,116nm,1.8s,mb5.4	Oris-en-Rattie	77.83 314 eP	P	08 29 15.8 -0.1	KPL	comp=Z,1um,21.3s	AMS	AMS	09 04 40.2	MSKU	comp=Z,5.0nm,20.0s	85.06 267 PFAKE	LR	08 30 20.0 +1.5	
ORIF	comp=Z,3um,21.8s,MSS.3	Oris-en-Rattie	77.83 314 eP	P	08 29 15.8 -0.1	KPL	comp=Z,1um,21.3s,MSS.2	AMS	AMS	09 04 40.2	MSKU	comp=Z,5.0nm,20.0s	85.06 267 PFAKE	LR	08 30 20.0 +1.5	
ORIF	comp=Z,58nm,1.8s,mb5.4	Oris-en-Rattie	77.83 314 eP	P	08 29 15.8 -0.1	KPL	comp=Z,1um,21.3s,MSS.2	AMS	AMS	09 04 40.2	MSKU	comp=Z,5.0nm,20.0s	85.06 267 PFAKE	LR	08 30 20.0 +1.5	
ORIF	comp=Z,58nm,1.8s,mb5.4	Oris-en-Rattie	77.83 314 eP	P	08 29 15.8 -0.1	KPL	comp=Z,1um,21.3s,MSS.2	AMS	AMS	09 04 40.2	MSKU	comp=Z,5.0nm,20.0s	85.06 267 PFAKE	LR	08 30 20.0 +1.5	
LMR	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	Bosho	87.45 238 P	P	08 30 05.5 -0.7		
LMR	comp=Z,62nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,62nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,62nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08 29 15.8 -0.5	CAF	Calviac	80.38 314 eP	P	08 29 30.0 +0.1	BOSA	comp=Z,1.1nm,0.9s,mb5.1,baz=82,slow=7.1,SNR=2.1	87.45 238 P	P	09 09 11.6	
LMR	comp=Z,41nm,1.1s,mb5.5	La Moure	77.89 312 eP	P	08											

Table with columns: KKK, Kakani, 14.66 298 eP, Pn, 08 31 14.0 -1.2, etc. Lists various locations and their associated data points.

Table with columns: WMQ, comp=Z,71nm,0.7s,mb5.2, AMB, AMB, etc. Lists various locations and their associated data points.

Table with columns: BIDO, SNR=11, Bidibid, 38.54 281 P, P, 08 35 11.3 +0.4, etc. Lists various locations and their associated data points.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOS, HAWQ, BHNH, OBN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSZ, FNA, EIDS, PVL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPG, La Plagne, Bardonecchia, etc.

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like POHA, KLBR, KLRB, NWAQ, etc.

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like XAN, MA2, MA2, MA2, etc.

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like GTA, PMR, PMR, PMR, etc.

Table with columns: Property Name, Price, Area, Beds, Baths, and other details. Includes listings like HELL Mitchell Peak, BEKR Beckwourth, MWC Mount Wilson, etc.

Table with columns: Property Name, Price, Area, Beds, Baths, and other details. Includes listings like BC3 Big Chuckw Mtn, R09A Tonopah, I07A Ash Meadows, etc.

Table with columns: Property Name, Price, Area, Beds, Baths, and other details. Includes listings like U13A Pakoon Wash, Q12A Willow Creek R, Z14A Wintersburg, etc.

113A	Wildhorse Cree	90.21	45	↑P	P	10 37 16.6 +0.3
DUG	Dugway	90.22	49	↑P	P	10 37 16.4 -0.1
WUJAZ	Wupatki	90.23	54	↑P	P	10 37 17.1 +0.4
WUJAZ	Wupatki	90.23	54	↑P	P	10 37 17.3 +0.6
BGU	Big Grassy Mtn	90.24	48	↑P	P	10 37 16.5 0.0
Y17A	Roosevelt	90.25	56	↑P	P	10 37 17.3 +0.5
Q15A	Fillmore	90.26	50	↑P	P	10 37 16.6 -0.1
H13A	Challis	90.28	45	↑P	P	10 37 16.9 +0.3
MSU	Marysvalle	90.30	51	↑P	P	10 37 17.9 +1.0
MSU	Forest Lakes	90.42	55	↑P	P	10 37 18.5 +0.9
G13A	Cobalt	90.44	44	↑P	P	10 37 16.9 -0.5
B12A	Libby	90.44	41	↑P	P	10 37 17.5 +0.2
318A	Glisbee	90.46	58	↑P	P	10 37 18.1 +0.3
P15A	Leamington	90.47	50	↑P	P	10 37 17.4 -0.3
A12A	Yaak River Ran	90.53	40	↑P	P	10 37 18.0 +0.3
218A	Dragon	90.53	58	↑P	P	10 37 18.3 +0.2
K14A	Jones Ranch, D	90.53	47	↑P	P	10 37 18.4 +0.6
F13A	Darby	90.55	43	↑P	P	10 37 17.6 -0.2
U16A	Tuba City	90.57	53	↑P	P	10 37 18.4 +0.2
N15A	Stansbury Isla	90.61	49	↑P	P	10 37 18.7 +0.4
HVU	Hansel Valley	90.64	48	↑P	P	10 37 18.3 -0.1
HVU	North Lily Min	90.72	50	↑P	P	10 37 19.8 +0.8
118A	Homack Ranch	90.73	57	↑P	P	10 37 19.2 +0.1
M15A	Larsen Ranch	90.80	48	↑P	P	10 37 19.2 +0.1
E13A	Victor	90.81	43	↑P	P	10 37 18.1 -1.0
C13A	Hot Springs	90.88	42	↑P	P	10 37 18.7 -0.6
Y18A	Canyon Day Jun	90.93	56	↑P	P	10 37 20.3 +0.4
P16A	Fountain Green	90.95	50	↑P	P	10 37 20.0 +0.1
G14A	Jackson	91.00	44	↑P	P	10 37 20.2 +0.2
U17A	Shonto	91.04	53	↑P	P	10 37 20.7 +0.4
319A	Douglas	91.04	58	↑P	P	10 37 20.9 +0.4
MPU	Maple Canyon	91.06	50	↑P	P	10 37 21.2 +0.8
MSO	Missoula	91.08	43	↑P	P	10 37 17.7 -2.6
MSO	Camp Tracy	91.13	49	↑P	P	10 37 38.6 -6.3
B13A	Whitefish	91.13	41	↑P	P	10 37 21.2 +0.5
X18A	Snowflake	91.16	55	↑P	P	10 37 21.2 +0.2
Q16A	Castle Valley	91.16	51	↑P	P	10 37 21.4 +0.5
219A	White Tail Can	91.19	58	↑P	P	10 37 21.1 +0.1
F14A	Wisdoad	91.21	44	↑P	P	10 37 20.7 -0.2
E14A	Clinton	91.27	43	↑P	P	10 37 20.8 -0.4
119A	Ashpeak Ranch	91.31	57	↑P	P	10 37 21.7 +0.2
A13A	Flithead Natio	91.31	40	↑P	P	10 37 21.6 +0.3
MCMT	Mckenzie Canyo	91.32	45	↑P	P	10 37 21.7 +0.2
JLU	Jordanle	91.33	49	↑P	P	10 37 22.3 +0.7
V18A	Ganado	91.42	54	↑P	P	10 37 22.3 +0.1
D14A	Greenough	91.43	42	↑P	P	10 37 21.2 -0.7
DAU	Daniel Canyon	91.43	49	↑P	P	10 37 22.4 +0.3
C14A	Swan Lake	91.44	42	↑P	P	10 37 21.0 -0.9
HWUT	Hardware Ranch	91.48	48	↑P	P	10 37 22.1 -0.2
CHMT	Chamberlain Mo	91.56	43	↑P	P	10 37 21.9 -0.6
Y19A	Nutrioso	91.60	56	↑P	P	10 37 23.7 +0.7
U18A	Rough Rock, Ch	91.62	53	↑P	P	10 37 23.7 +0.6
DLMT	Dillon	91.62	44	↑P	P	10 37 23.1 +0.3
G15A	Dillon	91.65	44	↑P	P	10 37 23.1 +0.1
WALA	Waterton Lakes	91.66	40	↑P	P	10 37 23.5 +0.6
SRU	San Rafael	91.70	51	↑P	P	10 37 23.8 +0.5
F15A	Butte	91.81	44	↑P	P	10 37 23.6 0.0
LRM	Limekiln Ridge	91.83	44	↑P	P	10 37 23.8 0.0
E15A	Deer Lodge	91.85	43	↑P	P	10 37 23.4 -0.0
SYO	Syowa Base	92.01	197I	↑P	P	10 37 21.7 -2.5
SYO	Syowa Base	92.01	197I	↑P	P	10 37 24.5 -2.4
D15A	Lincoln	92.08	43	↑P	P	10 37 24.2 -0.7
DCID1	Drake Creek	92.20	46	↑P	P	10 37 25.7 +0.2
QLMT	Earthquake Lak	92.30	45	↑P	P	10 37 26.5 +0.5
TPAW	Teton Pass	92.34	46	↑P	P	10 37 26.4 +0.2
BOZ	Bozeman (W)	92.35	44	↑P	P	10 37 26.1 -0.1
BOZ	Bozeman (W)	92.35	44	↑P	P	10 37 26.3 +0.1
BOZ	Bozeman (W)	92.35	44	↑P	P	10 37 26.1 -0.1
IMW	Indian Meadow	92.44	46	↑P	P	10 37 25.9 -0.7
HRY	Holter Researc	92.46	43	↑P	P	10 37 26.7 0.0
SNOW	Snow King Moun	92.47	46	↑P	P	10 37 26.9 0.0
MOOW	Moosa Fords	92.54	46	↑P	P	10 37 26.8 -0.3
LOHW	Low Hollow	92.61	46	↑P	P	10 37 27.6 +0.1
FLWY	Flagg Ranch	92.65	46	↑P	P	10 37 27.9 +0.3
PV10	Paradox Valley	92.68	52	↑P	P	10 37 27.7 -0.2
MVCO	Mesa Verde	92.86	53	↑P	P	10 37 28.9 +0.1
MVCO	Paradox Valley	92.99	52	↑P	P	10 37 53.0 -0.5
UPVC	Edmonton	93.04	36	↑P	P	10 37 29.1 -0.3
EDM	Boulder Array	93.18	47	↑P	P	10 37 28.5 -0.7
PDAR	Pinedale Array	93.18	47	↑P	P	10 37 29.9 -0.3
PDAR	Paradox Valley	93.30	317	↑P	P	10 54 37.7 -2.0
PDAR	Zalesovo Array	93.69	324	↑P	P	10 37 30.7 -1.4
ZAAO	Zalesovo Beam	93.69	324	↑P	P	10 37 31.0 -1.2
ZALV	Zalesovo	93.70	324	↑P	P	10 37 54.3 -2.5
ZALV	Zalesovo	93.70	324	↑P	P	10 37 31.0 -1.2
ZAL	Zalesovo	93.70	324	↑P	P	10 37 54.3 -2.6
MK31	Makanchi Array	93.70	317	↑P	P	10 37 32.0 -0.4
MK31	Makanchi Array	93.70	317	↑P	P	10 37 55.1 -2.0
MK31	Makanchi Array	93.70	317	↑P	P	10 37 55.8 -1.3
MK31	Makanchi Array	93.70	317	↑P	P	10 37 32.0 -0.4
MKAR	Makanchi Array	93.70	317	↑P	P	10 37 55.5 -1.6
MKAR	Makanchi Array	93.70	317	↑P	P	10 54 35.2 -3.4
MKAR	Makanchi Array	93.70	317	↑P	P	10 37 32.1 -0.3

MKAR	Makanchi Array	93.70	317	↑P	P	10 37 55.5 -1.6
MKAR	Makanchi Array	93.70	317	↑P	P	10 37 32.0 -0.4
MKAR	Makanchi Array	93.70	317	↑P	P	10 37 55.5 -1.6
MKAR	Makanchi Array	93.70	317	↑P	P	10 54 35.2 -3.4
GMCT	Greycliff	93.72	44	↑P	P	10 37 32.1 -0.4
RLMT	Red Lodge	93.87	45	↑P	P	10 37 33.6 +0.4
ANMO	Albuquerque	94.06	55	↑P	P	10 37 34.0 -0.3
EGMT	Eagleton	94.12	42	↑P	P	10 37 33.6 -0.7
EGMT	Eagleton	94.12	42	↑P	P	10 37 34.1 -0.2
SMCO	Snowmass	94.41	51	↑P	P	10 37 35.9 0.0
YKA	Yellowknife Ar	94.69	27	↑P	P	10 37 34.5 -2.1
YKA	Yellowknife Ar	94.69	27	↑P	P	10 37 34.5 -2.1
NVS	Novosibirsk	94.79	325	↑P	P	10 37 34.6 -2.6
NVS	Novosibirsk	94.79	325	↑P	P	10 37 59.7 -2.2
TXAR	Lajitas Array	95.43	61	↑P	P	10 37 40.1 -0.6
TXAR	Lajitas Array	95.43	61	↑P	P	10 41 31.4 -1.3
TXAR	Lajitas Array	95.43	61	↑P	P	10 54 33.0 -0.2
TXAR	Lajitas Array	95.43	61	↑P	P	10 11 19.7
TXAR	Lajitas Array	95.43	61	↑P	P	10 37 40.1 -0.6
KURK	Kurchatov	96.80	320	↑P	P	10 41 31.4 -1.4
KURK	Kurchatov	96.80	320	↑P	P	10 38 08.4 -2.8
KSH	Kashi	96.99	309	↑P	P	10 37 51.6 +4.0
KSH	Kashi	96.99	309	↑P	P	10 38 18.1 +5.8
KSH	Kashi	96.99	309	↑P	P	10 38 28.1 +5.9
KSH	Kashi	96.99	309	↑P	P	10 41 42.5 -2.0
KSH	Kashi	96.99	309	↑P	P	10 48 16.9
KSH	Kashi	96.99	309	↑P	P	10 48 52.3 -1.0
KSH	Kashi	96.99	309	↑P	P	10 49 37.8 -7.6
KSH	Kashi	96.99	309	↑P	P	10 37 18.1 -1.0
KSH	Kashi	96.99	309	↑P	P	10 37 18.7 -0.6
KSH	Kashi	96.99	309	↑P	P	10 37 20.0 +0.1
KSH	Kashi	96.99	309	↑P	P	10 37 20.2 +0.2
SNA	SNA	97.26	183	↑P	P	10 37 48.2
SNA	SNA	97.26	183	↑P	P	10 37 53.3
SNA	SNA	97.26	183	↑P	P	10 37 56.3
AMTX	Amarillo	97.92	56	↑P	P	10 37 51.1 -0.8
VNA2	Neumayer-Watz	98.22	182	↑P	P	10 37 50.3 -2.2
VNA2	Neumayer-Watz	98.22	182	↑P	P	10 37 52.1
VNA2	Neumayer-Watz	98.22	182	↑P	P	10 37 57.6
VNA2	Neumayer-Watz	98.22	182	↑P	P	10 38 00.6
VNA2	Neumayer-Watz	98.22	182	↑P	P	10 37 53.0 -1.3
Ala-Archa	Ala-Archa	98.51	312	↑P	P	10 37 56.2 -4.2
FFC	FFC	99.91	36	↑P	P	10 37 56.2 -4.2
FFC	FFC	99.91	36	↑P	P	10 37 56.2 -4.2
ARCES	ARCES Array B	116.32	346	↑P	P	10 42 56.9 -1.4
ARCES	ARCES Array B	116.32	346	↑P	P	10 43 21.8 -2.2
ARCES	ARCES Array B	116.32	346	↑P	P	10 42 56.9 -1.4
ARCES	ARCES Array B	116.32	346	↑P	P	10 43 21.8 -2.2
AREO	AREO	116.32	346	↑P	P	10 42 57.2 -1.0
SCHO	Schofield	119.72	32	↑P	P	10 43 06.3 -1.6
SCHO	Schofield	119.72	32	↑P	P	10 53 15.9 -1.8
LPAZ	La Paz	119.88	116	↑P	P	10 43 05.8 -0.8
LPAZ	La Paz	119.88	116	↑P	P	10 53 15.0 -1.1
LPAZ	La Paz	119.88	116	↑P	P	10 43 05.8 -0.8
LPAZ	La Paz	119.88	116	↑P	P	10 43 05.8 -0.8
Garni	Garni	120.88	310	↑P	P	10 43 08.0 +1.1
OBN	Obninsk	120.91	329I	↑P	P	10 43 06.3 -1.2
OBN	Obninsk	120.91	329I	↑P	P	11 01 02.2 +0.8
OBN	Obninsk	120.91	329I	↑P	P	10 43 06.4 -1.1
KIV	Kislovodsk	120.92	315I	↑P	P	10 43 07.0 -1.8
KIV	Kislovodsk	120.92	315I	↑P	P	10 44 42.9
KIV	Kislovodsk	120.92	315I	↑P	P	10 49 54.2
KIV	Kislovodsk	120.92	315I	↑P	P	10 54 40.1 +4.7
KIV	Kislovodsk	120.92	315I	↑P	P	10 43 07.1 -1.7
FINES	FINES Array B	121.81	339	↑P	P	10 43 07.5 -1.5
FINES	FINES Array B	121.81	339	↑P	P	10 43 31.6 -3.1
CPUP	Villa Florida	123.81	132	↑P	P	10 43 12.6 -1.5
CPUP	Villa Florida	123.81	132	↑P	P	10 43 12.6 -1.5
SDV	Santo Domingo	124.10	87	↑P	P	10 43 13.4 -1.4
BOSA	Boshof	125.47	223	↑P	P	10 43 17.1 0.0
BOSA	Boshof	125.47	223	↑P	P	10 43 40.8 -2.0
NB2	NORSAR Subarray	126.69	345	↑P	P	10 43 16.6 -1.8
NOA	NORSAR Array B	126.69	345	↑P	P	10 43 17.8 -0.6
NOA	NORSAR Array B	126.69	345	↑P	P	10 43 18.2 -2.3
NOA	NORSAR Array B	126.69	345	↑P	P	10 43 17.8 -0.6
NOA	NORSAR Array B	126.69	345	↑P	P	10 43 18.2 -2.2
AKASG	Malin Array B	126.98	327	↑P	P	10 43 18.2 -1.1
AKASG	Malin Array B	126.98	327	↑P	P	10 43 18.2 -1.1
LSZ	Lusaka	129.89	239	↑P	P	10 43 27.6 -0.1
LSZ	Lusaka	129.89	239	↑P	P	10 43 27.6 -0.1
KOLS	Kolonick sedl	131.66	329	↑P	P	10 43 28.2 0.0
STB	Stebnicka Huta	131.87	330	↑P	P	10 43 30.0 +1.4
OJC	Ojcow	132.03	331	↑P	P	10 43 28.1 -0.8
CRVS	Cervenica-Dubn	132.09	329	↑P	P	10 43 30.0 +1.0
MORC	Moravsky Berou	133.38	332	↑P	P	10 43 31.7 +

23d 14h

Table with columns: VACH, Vallener, 2.45 17 eP, Pn, 13 36 25.9 +0.8, 13 36 56.4 +2.5, 13 36 57.8

IDC 23 14:14.13.1.3.6.599S.12882E,h299km,36km,mb3.2/3, mb1 3.3/7,mb1mx3.1/16,mbtmp3.2/7,Error ellipse: s-maj=50.2km s-min=12.4km az=68.0, Banda Sea

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

IDC 23 14:26:21.4+8.0, 3233Sx17987E,h390km,96km,mb2.7/2, mb1 3.1/3,mb1mx2.8/15,mbtmp2.9/3,Error ellipse: s-maj=12.0km s-min=4.3km az=3.0

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

IDC 23 14:32:27.0+3.6, 639S-15443E,h0km,mb3.3/2,mb1 3.6/2, mb1mx3.3/15,mbtmp3.3/2,MS3.4/1,MS1 3.4/1, ms1mx2.4/10,Error ellipse: s-maj=190.7km s-min=48.8km az=127.0,Bougainville - Solomon Islands region

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

CSEM 23 14:47:35.0, 1243N-4558E,h2km,ML3.5,After DHMR DHMR 23 14:47:35.0,1, 1243N-4558E,h2km,38km,ML3.5, Western Gulf of Aden

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

NIED 23 14:48:00,3250N,14130E,h32km,Mw3.7 Best double couple: M3.890000x1014 NP1.0x150.00000,846.00000, 1.77.00000... NP2.0x348.00000,845.00000,1.103.00000

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

CSEM 23 14:47:35.0, 1243N-4558E,h2km,ML3.5,After DHMR DHMR 23 14:47:35.0,1, 1243N-4558E,h2km,38km,ML3.5, Western Gulf of Aden

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

2007 JUN

FINES FINES Array B 72.92 333 P P 15 00 05.9 -0.2, 0.4nm,0.6s,mb3.5,baz=65,slow=9.0,SNR=5.0, NVAR Min Array Bea 77.90 52 P P 15 00 37.5 +2.4, 0.3nm,0.5s,mb3.4,baz=260,slow=5.4,SNR=3.4

NIED 23 14:52:00,3650N-14080E,h62km,Mw4.1 Best double couple: M1.620000x1015 NP1.0x185.00000,822.00000, 1.137.00000... NP2.0x87.00000,847.00000, 1.12.00000

MOS 23 14:52:53.0+0.9,3649N:14075E,h33km,mb4.3/17,Error ellipse: s-maj=17.5km s-min=6.6km az=104.5, ISCJB 23 14:52:56.0+0.5,3655N:003x14089E:005,h57km,3km, mb4.1/27,MS3.0/3,Error ellipse: s-maj=7.1km s-min=4.6km az=30.9

JMA 23 14:52:57.0+1.1,3655N:14080E,h53km,1km,MM.2 Broadband fault plane solution: P waves. NP1: 109.00000,348.00000,1.334.00000; NP2: 0x355.00000,366.00000,1.132.00000... Principal axes: T P150.00000; Azm31.00000; N P138.00000; Azm15.00000; P P111.00000; Azm56.00000; JMA Felt IV J1.

NEIC 23 14:52:57.7+1.1,3659N:14081E,h54km,9km,mb4.4/7 Error ellipse: s-maj=11.7km s-min=8.4km az=141.0, NEIC Felt at Daigo. Recorded [3 JMA] in Ibaraki; [2 JMA] in Fukushima and Tochigi; [1 JMA] in Chiba, Gumma and Saitama Prefectures.

IDC 23 14:52:58.8+1.6,3654N:14078E,h66km,15km,mb3.7/15, mb1 3.9/20,mb1mx3.8/20,mbtmp3.8/20,MS3.1/5, MS1 3.1/5,ms1mx2.7/37,Error ellipse: s-maj=14.3km s-min=9.3km az=64.0

ISC 23 14:52:57.2+0.5,3655N:003x14088E:005,h49km,3km, n80,0x869/77,mb4.1/27,MS3.0/3,4C-7D,Near east coast of eastern Honshu

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

MAJO Matsushiro 2.15 271 eP Pn 14 53 33.8 +3.3, MAT Matsushiro 2.15 271 P S 14 53 32.0 -0.3, MAH Matsushiro 2.15 271 P S 14 53 36.6 +0.6, MJH Hachijo jima 2 5.14 195 eP S 14 53 50.0 +0.4

ERM Erimo 5.74 17 eP S 14 54 18.6 -1.1, ERM Erimo 5.74 17 eP S 14 54 18.6 -1.1, ERM Erimo 5.74 17 eP S 14 54 18.6 -1.1

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INK Inuvik 55.01 27 P P 15 02 24.0 +0.9, INK Inuvik 55.01 27 P P 15 02 24.0 +0.9

ARU Arti 56.44 319c iP S 15 02 32.7 -0.8, ARU Arti 56.44 319c iP S 15 02 32.7 -0.8

ARU Arti 56.44 319c iP S 15 02 32.7 -0.8, ARU Arti 56.44 319c iP S 15 02 32.7 -0.8

WRA Warramunga Arr 56.52 187 P P 15 02 34.1 -0.3, WRA Warramunga Arr 56.52 187 P P 15 02 34.1 -0.3

WRA Warramunga Arr 56.52 187 P P 15 02 34.1 -0.3, WRA Warramunga Arr 56.52 187 P P 15 02 34.1 -0.3

ASAR Alice Springs 60.25 187 P P 15 03 00.0 -0.3, ASAR Alice Springs 60.25 187 P P 15 03 00.0 -0.3

ASAR Alice Springs 60.25 187 P P 15 03 00.0 -0.3, ASAR Alice Springs 60.25 187 P P 15 03 00.0 -0.3

SPITS Spitsbergen Arr 60.91 349 LR LR 15 28 16.2, SPITS Spitsbergen Arr 60.91 349 LR LR 15 28 16.2

ARCES ARCES Array B 64.30 339 P P 15 03 27.0 +0.1, ARCES ARCES Array B 64.30 339 P P 15 03 27.0 +0.1

ARCES ARCES Array B 64.30 339 P P 15 03 27.0 +0.1, ARCES ARCES Array B 64.30 339 P P 15 03 27.0 +0.1

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELBA, Catalca, GP, Istanbul-Kandi, HRT, Eskisehir, etc.

ISCJB 23 16:32:04.9.0.4, 3551N, 003.14113E, 005, h33km, mb4.0/21, Error ellipse: s-maj=5.5km s-min=4.6km az=10.7

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CD2, comp=Z, 10.0nm, 0.9s, CD2, comp=N, 260nm, 9.6s, etc.

ISCJB 23 15:40:09.8.1.1, 3860N, 003.206E, 0.1, h5km, 8km, Error ellipse: s-maj=18.6km s-min=5.3km az=7.1

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

ISCJB 23 16:32:07.1.0.4, 3552N, 003.14103E, 005, h35km, n47, 0.096/56, mb4.0/21, 5D, Near east coast of eastern

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

BUI 23 16:47:26.8, 1.10N, 97.44E, h36km, mb5.1, mb5.1, Ms4.8, Ms2.7

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

ISCJB 23 15:52:05.4.2.7, 1318N, 122.64E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.5/1.9, mbtmp3.8/3, MS3.0/1, Ms1 3.0/1, ms1mx2.3/2.4, Error ellipse: s-maj=238.5km s-min=26.9km az=63.0

MAN 23 15:52:08, 1226N, 12084E, h2km, mb5.0, ML4.0, MS4.1, mb3.8/3, Error ellipse: s-maj=5.5km s-min=4.6km az=28.7

ISCJB 23 15:52:09.5.0.3, 1224N, 003.120E, 0.03, h4km, 5km, n18, 0.1512/25, mb3.8/3, 3C-2D, Mindoro

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

ISCJB 23 16:47:28.8.6.3, 118N, 97.28E, h33km, 4.7km, mb4.3/2.5, mb1.4/3.26, mb1mx4.3/2.6, mbtmp4.3/2.6, MS3.3/1.4, Ms1 4.3/1.4, ms1mx4.1/2.7, Error ellipse: s-maj=18.4km s-min=12.3km az=56.0

ISCJB 23 16:47:28.2.0.1, 118N, 004.9730E, 0.03, h42km, 6km, mb4.9/11.3, MS4.5/3, Error ellipse: s-maj=6.7km s-min=5.4km az=20.9

NEIC 23 16:47:30.7.1.0, 119N, 97.33E, h51km, 9km, mb5.0/5.7, MS4.3/2, Error ellipse: s-maj=7.9km s-min=5.4km az=47.0

NEIC 23 16:47:30.6.0.7, 116N, 004.9731E, 0.03, h48km, 6km, h35km, 4.8km, pp-P, n272, 0.087/268, mb4.9/11.3, MS4.5/3, 25C-12D, Northern Sumatra

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

NEIC 23 15:53:42.3, 1640N, 98.56W, h14km, MD3.6(MEX), After MEX.

MEX 23 15:53:42.0.0.7, 1640N, 98.52W, h16km, 17km, MD3.6, Near coast of Guerrero

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

ISCJB 23 16:45:17.9.0.4, 2142N, 003.10005E, 007, h10km, mb3.7/8, Error ellipse: s-maj=9.9km s-min=4.2km az=174.6

ISCJB 23 16:45:18.1.1.5, 2130N, 99.77E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/2.2, mbtmp3.6/6, Error ellipse: s-maj=8.1.9km s-min=19.4km az=63.0

NEIC 23 16:45:19.7.0.5, 2135N, 99.99E, h10km, mb4.3/2, Error ellipse: s-maj=11.6km s-min=7.6km az=73.0

BUI 23 16:45:19.3, 2127N, 99.99E, h31km, mb4.4, ML3.8, MS3.8, Ms2.7

ISC 23 16:45:20.1.0.4, 2137N, 003.9994E, 008, h10km, n21, 0.08/29, mb3.7/8, 2D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NANT, Nan, CHG, Chiang Mai, etc.

MAN 23 16:04:28, 881N, 12568E, h9km, mb4.5, ML3.4, MS3.3, Mindanao

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

ISCJB 23 16:45:19.7.0.5, 2135N, 99.99E, h10km, mb4.3/2, Error ellipse: s-maj=11.6km s-min=7.6km az=73.0

ISCJB 23 16:45:19.3, 2127N, 99.99E, h31km, mb4.4, ML3.8, MS3.8, Ms2.7

ISC 23 16:45:20.1.0.4, 2137N, 003.9994E, 008, h10km, n21, 0.08/29, mb3.7/8, 2D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI, comp=N, 60nm, 1.3s, KMI, comp=E, 45nm, 1.2s, etc.

ISCJB 23 16:45:17.9.0.4, 2142N, 003.10005E, 007, h10km, mb3.7/8, Error ellipse: s-maj=9.9km s-min=4.2km az=174.6

ISCJB 23 16:45:18.1.1.5, 2130N, 99.77E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/2.2, mbtmp3.6/6, Error ellipse: s-maj=8.1.9km s-min=19.4km az=63.0

NEIC 23 16:45:19.7.0.5, 2135N, 99.99E, h10km, mb4.3/2, Error ellipse: s-maj=11.6km s-min=7.6km az=73.0

BUI 23 16:45:19.3, 2127N, 99.99E, h31km, mb4.4, ML3.8, MS3.8, Ms2.7

ISC 23 16:45:20.1.0.4, 2137N, 003.9994E, 008, h10km, n21, 0.08/29, mb3.7/8, 2D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI, comp=N, 60nm, 1.3s, KMI, comp=E, 45nm, 1.2s, etc.

ISCJB 23 16:45:17.9.0.4, 2142N, 003.10005E, 007, h10km, mb3.7/8, Error ellipse: s-maj=9.9km s-min=4.2km az=174.6

ISCJB 23 16:45:18.1.1.5, 2130N, 99.77E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/2.2, mbtmp3.6/6, Error ellipse: s-maj=8.1.9km s-min=19.4km az=63.0

NEIC 23 16:45:19.7.0.5, 2135N, 99.99E, h10km, mb4.3/2, Error ellipse: s-maj=11.6km s-min=7.6km az=73.0

BUI 23 16:45:19.3, 2127N, 99.99E, h31km, mb4.4, ML3.8, MS3.8, Ms2.7

ISC 23 16:45:20.1.0.4, 2137N, 003.9994E, 008, h10km, n21, 0.08/29, mb3.7/8, 2D, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI, comp=N, 60nm, 1.3s, KMI, comp=E, 45nm, 1.2s, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like WRAB Tennant Creek, ASAR Alice Springs, CTX Charters Towers.

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like LUBP Lubang, TGY Tagaytay City, SBP Los Banos.

ISCJB 23 18:27:59.8, 1.1, 1305N, 007.920W, 0.1, h33km, mb3.8/3, MS3.6/2, Error ellipse: s-maj=15.9km s-min=9.1km az=156.6

ISC 23 18:28:00.9, 1.3, 1332N, 9095W, h0km, mb3.9/3, mb1.4/1, mb1mx3.7/24, mbtmp3.9/6, ML4.1/3, MS3.5/2, Ms1.3/5/2, ms1mx2.7/39, Error ellipse: s-maj=32.3km s-min=23.1km az=66.0

MEX 23 18:28:08.5, 0.9, 1328N, 9243W, h20km, Mb3.6M, MD4.6, ISC 23 18:28:02.4, 1.1, 1309N, 008.919W, 0.1, h35km, n13, o134/19, mb3.8/3, MS3.6/2, Near coast of Guatemala

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like THIG Comitan, CMIG Matias Romero, VHO Vista Hermosa, TEIG Tehuacan, etc.

NEIC 23 18:31:25.8, 1.8, 468S, 15321E, h10km, mb4.2/1, Error ellipse: s-maj=56.1km s-min=20.3km az=117.0

ISC 23 18:31:29.2, 2.8, 427S, 15211E, h0km, mb3.7/4, mb1.4/0.4, mb1mx3.6/16, mbtmp3.7/4, MS3.2/2, Ms1.3/2, ms1mx2.7/30, Error ellipse: s-maj=91.3km s-min=29.0km az=113.0

ISC 23 18:31:31.1, 3.1, 46S, 01.1529E, 0.5, h35km, n13, o176/10, mb3.8/6, MS3.2/2, 1C-1D, New Britain region

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

NIED 23 18:49:00, 3340N, 13950E, h5km, Mw4.0 Best double couple: Mo1.04000x10^15 NP1.306.00000, s59.00000, lambda=135.00000, NP2.169.00000, s53.00000, lambda=41.00000

ISC 23 18:49:02.9, 0.8, 3303N, 13952E, h0km, mb3.7/8, mb1.3/9/10, mb1mx3.8/20, mbtmp3.6/10, Error ellipse: s-maj=20.1km s-min=8.9km az=168.0

NEIC 23 18:49:05.0, 0.7, 3297N, 13925E, h10km, mb4.3/2, Error ellipse: s-maj=18.3km s-min=12.4km az=95.0

ISCJB 23 18:49:05.0, 5.0, 3335N, 004.13945E, 0.5, h33km, mb3.7/12, Error ellipse: s-maj=8.3km s-min=3.8km az=137.0

JMA 23 18:49:05.0, 5.0, 3343N, 13947E, h29km, 3km, M3.6, ISC 23 18:49:05.8, 0.5, 3339N, 13952E, 0.06, h35km, n13, o1686/39, mb3.7/12, Southeast of Honshu

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like JHH Hachioji jima 2, JHU2 Mitsune, JMY Miyakejima, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like JSG Sagara, MJAR Matsushiro, MAJO Matsushiro, etc.

ISC 23 19:00:53.2, 0.9, 3303N, 13956E, h0km, mb3.4/4, mb1.3/6/6, mb1mx3.4/21, mbtmp3.4/6, MS2.6/1, Ms1.2/6/1, ms1mx2.3/28, Error ellipse: s-maj=22.6km s-min=9.6km az=157.0

ISCJB 23 19:00:54.7, 0.7, 3338N, 004.13944E, 0.06, h30km, 6km, mb3.4/5, Error ellipse: s-maj=9.9km s-min=4.9km az=145.4

NEIC 23 19:00:54.8, 1.2, 3303N, 13944E, h10km, Error ellipse: s-maj=29.2km s-min=15.1km az=83.0

JMA 23 19:00:55.2, 3343N, 13949E, h30km, 2km, M3.6, Full J1

NIED 23 19:01:00, 3350N, 13960E, h5km, Mw3.7 Best double couple: Mo3.95000x10^14 NP1.191.00000, s64.00000, lambda=37.00000, NP2.309.00000, s58.00000, lambda=148.00000

ISC 23 19:00:55.4, 0.6, 3342N, 004.13947E, 0.07, h27km, 7km, n21, o157/25, mb3.4/5, Southeast of Honshu

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like JHH Hachioji jima 2, JHU2 Mitsune, JMY Miyakejima, etc.

NEIC 23 19:07:09.5, 4037N, 12596W, h21km, ML3.6(NCEDC), After NCEDC

ISC 23 19:07:14.5, 1.6, 4049N, 005.1252W, 0.1, h12km, 7km, n21, o130/23, 10C-4D, Off coast of northern California

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like JCC Jacoby Creek, O01C Eel River Cons, O01C Crescent City, etc.

NEIC 23 19:14:08.0, 2.9, 4066N, 12759W, h10km, mb4.1/2, ML3.6(NCEDC), Error ellipse: s-maj=33.7km s-min=9.7km az=80.0

ISC 23 19:14:21.5, 3.8, 4107N, 12623W, h0km, mb3.4/2, mb1.3/7/6, mb1mx3.4/27, mbtmp3.4/6, ML2.8/2, MS2.7/1, Ms1.2/7/1, ms1mx2.0/27, Error ellipse: s-maj=43.6km s-min=29.8km az=116.0

ISC 23 19:14:20.3, 0.7, 4081N, 003.12630W, 0.06, h10km, n103, o116/123, mb4.0/2, 31C-34D, Off coast of northern California

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like JCC Jacoby Creek, JHU2 Mitsune, JMY Miyakejima, etc.

Large table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like JCC Crescent City, M01C Crescent City, K01A Sixes, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, A, L, R, T, etc. Includes stations like SARP, DRP, THN, DLH, AML, etc.

Duration: 1s2 Moment tensor: Scale 10^17Nm; M1:0.19±0.03; M2:1.32±0.03; M3:1.51±0.04; M4:0.18±0.09; M5:0.09±0.03; M6:0.67±0.12; Best double couple: M1:552000*10^17 NPT:49.000000; 868.000000; 76.000000; NP2:316.000000; 885.000000; 158.000000; Principal axes: T 1.7420, P129.0000, Azm270.0000; N -0.3810, Plg68.0000, Azm123.0000; P -1.3620, Plg11.0000, Azm4.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISCJB 23 19:20:43.2±5.2, 17175.008±17696W.008, h34km,44km, mb4.8/42, MS4.7/12, Error ellipse: s-maj=13.5km s-min=12.5km az=141.4

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, A, L, R, T, etc. Includes stations like AFI, DZM, URZ, PPT, TVO, MEH, PMO, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, E, W, M, A, L, R, T, etc. Includes stations like CQZ, MA2, MA2, MA2, MA2, MA2, etc.

Table with columns: CERP, Cerrillos, 1.02 1377 eP, Pb, 20 23 19.2 -2.6, etc.

IDD 23 20:24:39.6:2.6, 152S-9886E, h24km, 6km, mb3.5/4, mb1 3.6/5, mb1mx3.4/2.1, mbt3.4/5, ML2.6/1, Error ellipse: s-maj=101.8km s-min=20.6km az=61.0, Southern Sumatara

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

ISCJB 23 20:25:59.6:5.3, 1238N, 008.1444E, 0.2, h9km, 34km, mb3.9/11, Error ellipse: s-maj=32.5km s-min=10.5km az=17.6

IDD 23 20:26:00.1:1.0, 1243N, 144.50E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.8/2.1, mbt3.7/8, Error ellipse: s-maj=39.4km s-min=15.4km az=98.0

NEIC 23 20:26:03.8:5.0, 1246N, 144.79E, h29km, 36km, mb4.4/3, Error ellipse: s-maj=23.8km s-min=11.1km az=95.0

ISC 23 20:26:07.6:5.5, 1277N, 007.1448E, 0.2, h9km, 42km, n18, r150.02, mb3.9/11, South of Mariana Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

ISCJB 23 20:40:33.0:1.1, 3362N, 004.1411E, 0.1, h66km, 10km, mb3.7/2, Error ellipse: s-maj=14.6km s-min=6.7km az=14.3

JMA 23 20:40:33.0:0.2, 3368N, 141.06E, h63km, 4km, M2.9, IDC 23 20:40:33.1:5.3, 3293N, 138.63E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/2.1, mbt3.4/3, ML3.0/1, Error ellipse: s-maj=28.4km s-min=19.1km az=136.0

ISC 23 20:40:33.8:1.2, 3361N, 005.1412E, 0.1, h51km, 15km, n14, r0576/22, mb3.6/2, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

VAM Vamos 1.34 291 ePb Pbn 20 41 01.0 +2.2

SANT Santorini 1.44 351 ePg Pbn 20 40 58.1 -1.3

IDD 23 20:42:42.3:1.8, 5350N, 162.29W, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/2.5, mbt3.5/4, Error ellipse: s-maj=58.8km s-min=27.9km az=7.0

ISCJB 23 20:42:44.3:3.2, 5340N, 01.16233W, 0.08, h31km, 26km, mb3.6/2, Error ellipse: s-maj=16.7km s-min=7.5km

NEIC 23 20:42:46.6, 5339N, 162.28W, h39km, ML3.1 (AEIC), After AEIC

ISC 23 20:42:45.4:3.3, 5341N, 01.16232W, 0.08, h22km, 26km, n10, r042/14, mb3.6/3, South of Alaska

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDD 23 20:44:42.2:1.8, 1834S, 17388W, h0km, mb4.2/5, mb1 4.3/5, mb1mx3.9/1.9, mbt3.4/2.5, Error ellipse: s-maj=344.1km s-min=157.0km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

CSEM 23 20:52:47.7, 3428N, 2333E, h25km, MD3.5/4, After ATH

NEIC 23 20:52:47.7, 3428N, 2333E, h25km, MD3.5/4 (ATH), After ATH

ATH 23 20:52:47.7, 3428N, 2333E, h25km, 4km, MD3.5/4, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDD 23 21:02:05.9:0.6, 1689S, 177.17W, h0km, mb4.4/17, mb1 4.6/18, mb1mx4.5/2.4, mbt3.4/18, ML2.3/1, MS4.5/30, Ms1 4.4/30, ms1mx4.3/4.3, Error ellipse: s-maj=24.3km s-min=14.8km az=141.0

GCMT 23 21:02:07.3:0.2, 1685S, 177.00W, h12km, MW5.2/95, Moment Tensor Solution. s47,c66; s95,c159; Duration: 19.0 Moment tensor: Scale 10^17Nm; Mr=0.06t; Ms=0.65t; Mtt=0.77t; 01; Mtt=0.03t; 04; Ms=0.02t; 01; Mb=0.38t; 04; Best double couple: M1=0.7400t; 1017; NP1=312.0000t; S72.0000t; A1.67.0000t; NP2=0.463000t; S77.0000t; A19.0000t; Principal axes: T=0.870, Plg2.0000t; Azm27.0000t; N=0.2180, Plg67.0000t; Azm79.0000t; P=-0.6550, Plg4.0000t; Azm178.0000t; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23 21:02:07.3:0.2, 1681S, 177.12W, h10km, mb5.0/31, MS4.9/4 Error ellipse: s-maj=12.4km s-min=6.5km az=141.0

BUI 23 21:02:07.3, 1680S, 177.10W, h10km, mb5.2, mb4.8, MS4.9

ISCJB 23 21:02:09.7:0.3, 1683S, 177.17W, h33km, h33km, 4.7/47, MS4.5/34, Error ellipse: s-maj=11.4km s-min=7.5km az=135.2

MOS 23 21:01:11.1:1.9, 1677S, 177.37W, h33km, mb5.0/18, MS4.7/10, Error ellipse: s-maj=13.5km s-min=11.0km az=66.6

SZGRF 23 21:02:16.1, 1701S, 179.29W, h33km, mb4.9, Fiji Islands region

ISC 23 21:02:11.5:0.3, 1684S, 007.1778W, 0.07, h35km, n215, r15196, mb4.7/47, MS4.5/34, 7C-9D, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: STKA, Stephens Creek, 40.17 240 eP, P, 21 09 44.8 +0.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like N09A Rock Creek Ran, PKUD Parkfield, PTM Tungsten Hills, etc.

NEIC 23 22:39:23.4-0.5, 2023N:14626E, h35km, mb4.6/7, Error ellipse: s-maj=16.8km s-min=11.2km az=82.0

ISCJB 23 22:39:26.4-1.8, 2008N:007.1461E-0.1, h81km, 18km, mb4.1/21, Error ellipse: s-maj=21.0km s-min=10.8km az=176.3

BUI 23 22:39:28.5, 2075N:14541E, h35km, mb5.0, mb4.5, IDC 23 22:39:28.7-3.1, 2006N:14607E, h89km, 31km, mb3.7/13, mb1.3/9/15, mb1mx3.8/24, mbtmp3.7/15, MSJ.2/76, Ms1.3/7.6, ms1mx3.4/39, Error ellipse: s-maj=25.1km s-min=15.5km az=112.0

ISC 23 22:39:27.8-1.6, 2011N:007.1462E-0.1, h77km, 16km, n37, c0877/34, mb4.1/21, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Arr, JAT Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, JOF Jongsami, KAF Kangasniemi, etc.

IDC 23 22:42:45.0-1.0, 360S:13169E, h0km, mb3.9/6, mb1.4 2/9, mb1mx4.0/17, mbtmp4.1/9, ML4.0/2, Error ellipse: s-maj=44.5km s-min=18.9km az=72.0

ISCJB 23 22:42:49.4-6.2, 37S:02.1315E-0.2, h45km, 5.7km, mb3.8/5, Error ellipse: s-maj=49.0km s-min=19.3km az=142.9

NEIC 23 22:42:50.5-0.8, 365S:13164E, h35km, Error ellipse: s-maj=27.2km s-min=15.8km az=75.0

ISC 23 22:42:51.0-4.7, 37S:02.1316E-0.2, h39km, 4.5km, n11, c092/10, mb3.8/5, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

NEIC 23 22:53:35.8-2.3, 1667S:17739W, h10km, Error ellipse: s-maj=72.1km s-min=28.3km az=126.0

IDC 23 22:53:33.0-1.4, 1674S:17718W, h0km, mb3.8/6, mb1.4/16, mb1mx3.9/16, mbtmp3.8/6, MS4.0/12, Ms1.4/0.12, ms1mx3.8/28, Error ellipse: s-maj=62.1km s-min=24.5km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, RAO Raoul Island, RAR Rarotonga, etc.

ISCJB 23 23:07:41.0-0.5, 3935N:003.2329E-0.04, h12km, 4km, Error ellipse: s-maj=5.3km s-min=4.2km az=26.7

ATH 23 23:07:41.7, 3939N:2327E, h5km, MD3.0/4, THE 23 23:07:41.8, 3936N:2329E, h9km, ML2.3, CSEM 23 23:07:42.1-0.1, 3934N:2330E, h20km, ML2.3, Error ellipse: s-maj=1.6km s-min=1.2km az=101.0

ISC 23 23:07:41.2-0.5, 3934N:003.2328E-0.04, h13km, 4km, n14, c091/24, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEO Neokhori, NEO Xorichti, AOS Alonnissos, etc.

IDC 23 23:10:09.6-3.5, 476S:13411E, h0km, mb3.4/1, mb1.3 6/4, mb1mx3.4/14, mbtmp3.4/4, ML3.1/3, Error ellipse: s-maj=14.2km s-min=30.9km az=82.0

NEIC 23 23:10:14.8-1.6, 487S:13402E, h35km, Error ellipse: s-maj=43.9km s-min=16.1km az=80.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

mb1.4/2.12, mb1mx4.2/17, mbtmp4.2/12, Error ellipse: s-maj=42.5km s-min=14.5km az=76.0, ISCJB 24 00:18:37.3-0.6, 380S:006.1316E-0.1, h33km, mb4.1/13, Error ellipse: s-maj=21.0km s-min=7.1km az=169.7, NEIC 24 00:18:40.1-0.7, 400S:13105E, h35km, mb4.4/6, Error ellipse: s-maj=31.2km s-min=10.5km az=71.0, ISC 24 00:18:40.8-0.6, 400S:005:1310E-0.1, h35km, n30, c160/36, mb4.1/13, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, KAKA Baumata, BATI Baumata, FITZ Fitzroy Crossi, etc.

ISCJB 24 00:25:15.6-0.3, 5560S:005.249W-0.09, h10km, mb5.5/32, MS6.1/137, Error ellipse: s-maj=7.8km s-min=6.4km az=160.3

IDC 24 00:25:16.2-0.4, 5563S:250W, h0km, mb4.9/20, Ms1.5/0.21, mb1mx5.0/21, mbtmp4.9/21, ML5.2/1, MS6.0/19, Ms1.6/0.19, ms1mx6.0/20, Error ellipse: s-maj=14.4km s-min=12.6km az=135.0

MOS 24 00:25:17.8-2.7, 5566S:248W, h10km, mb5.8/16, MS6.0/22, Error ellipse: s-maj=20.7km s-min=9.7km az=94.5

NEIC 24 00:25:18.4-0.3, 5565S:263W, h10km, mb5.7/27, MS6.1/122, MW6.3, Error ellipse: s-maj=11.6km s-min=11.3km az=167.0, Moment Tensor Solution. s18 Moment tensor: Scale 1018Nm; Mr:0.32; Mw:2.11; Mps:1.74; Mw-0.61; Mw3.36; Mw0.93; Best double couple: M=4.00000x10^18 Np1:0.65,000000; s87,000000; lambda-165,000000; NP2:0.74,000000; 0.75,000000; lambda-3,000000; Principal axes: T 3.790, Plg0.0000; Azm299.0000; N 0.4700, Plg75.0000; Azm175.0000; P -4.2600, Plg12.0000; Azm31.0000

GCMT 24 00:25:18.4-0.0, 5578S:172W, h15km, MW6.5/17, Moment Tensor Solution. s116,c273; s117,c489; Duration: 4s3 Moment tensor: Scale 1018Nm; Mr-0.46; Mw-1.56; Mw3.02; Mw2.02; Mw2.31; Mw5.82; Mw-0.61; Mw3.36; Mw0.93; Best double couple: M=6.71000x10^18 Np1:0.259,00000; s74,000000; lambda-17,000000; NP2:0.354,000000; 0.64,000000; lambda-163,000000; Principal axes: T 6.3190, Plg0.0000; Azm126.0000; N 0.7870, Plg67.0000; Azm36.0000; P -7.1020, Plg33.0000; Azm16.00000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

BUI 24 00:25:22.0, 5560S:260W, h10km, mb6.1, Ms6.4, Msz6.2, DJA 24 00:25:23.5, 5595S:127W, h10km, mb6.2/15, ISC 24 00:25:17.4-0.3, 5561S:005.243W-0.09, h10km, n370, c181/101, mb5.5/32, MS6.1/137, 5C-3D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

JUC	comp=Z,4um,18.6s,MS6.0	LR	LR						
CLL	Colim 107.32	10	ePKIKP	PKIKP	00 43 41.0	-1.7			
CLL	comp=Z,56nm,2.8s		ePP	PP	00 44 10.0	+7.7			
CLL			ePPP	PP	00 46 26.0				
CLL			ePPPP	PP	00 48 18.0				
CLL			eSKSac	SKSac	00 50 27.0	+1.4			
CLL			eSdf	Sdf	00 51 47.0	+8.5			
CLL			ePS	PS	00 53 21.0	-1.5			
CLL			ePPS	PPS	00 54 28.0				
CLL			ex	x	00 56 02.0				
CLL			eSS	SS	00 59 07.0	-3.6			
CLL			ex	x	01 00 17.0				
CLL			eSKKSdf	SKKSdf	01 02 37.0	+1.3			
CLL			eSSS	SSS	00 59 26.1	+1.2			
CLL			eSSSS	SSSS	01 00 49.0				
CLL			LMv		01 27 00.0				
CLL	comp=Z,3um,21.6s		eSdiff	Sdiff	00 51 53.3	+1.5			
CLL	Colim 107.32	10	eSP	SP	00 53 33.4	+1.2			
CLL			eSS	SS	00 59 18.9	+9.2			
CLL	Collm 107.32	10	ePKP	PKIKP	00 43 41.0	-1.7			
CLL			ePP	PP	00 44 10.0	+7.7			
CLL			eSKS	SKSac	00 50 27.0	+1.4			
CLL			eSdf	Sdf	00 51 47.0	+8.5			
CLL			e	LR	00 50 17.0				
CLZ	comp=Z,3um,21.6s,MS5.8		eSdiff	Sdiff	00 51 54.5	+1.4			
CLZ	Clausthal 107.61	8	eSP	SP	00 53 38.3	+1.4			
CLZ			eSS	SS	00 59 26.1	+1.2			
IBSN	Ibbenburen 107.88	7	eSKSac	SKSac	00 50 20.3	+4.5			
IBSN			eSS	SS	00 59 21.3	+3.1			
NRDL	Niedersach Rie 108.24	8	eSdiff	Sdiff	00 51 59.8	+1.4			
NRDL			eSP	SP	00 53 47.5	+1.7			
NRDL			eSS	SS	00 59 34.8	+1.2			
KIEV	Kiev 109.16	21	ePFAKE	PFAKE	00 44 00.0	+1.4			
KIEV			LR	LR					
AKASG	Malin Array Be 109.17	21	PP	PP	00 44 18.3	+2.5			
AKASG	comp=Z,2.4nm,0.7s,baz=200,slow=7.2,SNR=4.8		eSS	SS	00 59 55.3	+1.3			
BSEG	Bad Segeberg 109.68	8	eSS	SS	00 59 55.3	+1.3			
AFI	Afiama 110.17	191	PFAKE	LR	00 44 00.0	+1.1			
AFI			LR	LR					
ESK	comp=Z,3um,22.0s,MS5.9		eSdiff	Sdiff	00 44 18.3	+2.5			
ESK	Eskdalemuir 110.57	360	PFAKE	LR	00 44 00.0	+1.1			
ESK			LR	LR					
CNNC	Cliffs of the 110.88	302	PFAKE	LR	00 44 00.0	+1.0			
CNNC			LR	LR					
KKM	comp=Z,6um,21.0s,MS6.2		ePFAKE	PFAKE	00 44 00.0	+9.3			
KKM	Kota Kinabalu 110.90	111	PFAKE	LR	00 44 00.0	+9.3			
KKM			LR	LR					
BSD	comp=Z,9um,20.0s,MS6.4		eSdiff	Sdiff	00 54 15.8	+1.6			
BSD	Bornholm Skovb 111.27	11	i	SP	01 00 03.6				
BSD			i						
CM31	comp=Z,3um,21.0s		PFAKE	LR	00 44 00.0	+8.5			
CM31	Chiang Mai Arr 111.43	88	PFAKE	LR	00 44 00.0	+8.5			
CM31			LR	LR					
COP	comp=Z,7um,19.0s,MS6.3		i	PKIKP	00 44 03.5	+1.3			
COP	Copenhagen 111.60	9	i	Sdf	00 52 30.8	+1.7			
COP			i		00 54 16.5				
COP			i		01 00 19.3				
CHTO	comp=Z,1um,20.0s		PFAKE	LR	00 44 00.0	+8.0			
CHTO	Chiang Mai 111.71	88	PFAKE	LR	00 44 00.0	+8.0			
CHTO			LR	LR					
MUD	comp=Z,8um,20.0s,MS6.3		i	PP	00 44 36.4	-0.4			
MUD	Monsted U'grnd 112.11	7	i	Sdf	00 52 43.8	+2.5			
MUD			i		00 54 58.4				
MUD			i		01 00 22.3				
MUD			i						
BRAL	comp=Z,4um,20.0s		PFAKE	LR	00 44 00.0	+7.5			
BRAL	Brewton 112.12	293	PFAKE	LR	00 44 00.0	+7.5			
BRAL			LR	LR					
GOGA	comp=Z,8um,21.0s,MS6.3		PFAKE	LR	00 44 10.0	+1.8			
GOGA	Godfrey 112.17	297	PFAKE	LR	00 44 10.0	+1.8			
GOGA			LR	LR					
CBN	comp=Z,6um,20.0s,MS6.2		PFAKE	LR	00 44 10.0	+1.6			
CBN	Corbin 113.02	304	PFAKE	LR	00 44 10.0	+1.6			
CBN			LR	LR					
SHL	comp=Z,7um,22.0s,MS6.2		i	SKS	00 54 36.0	-2.8			
SHL	Shilling 113.08	78	i	PKKpbc	00 51 02.0	+3.6			
SHL			i	SS	00 44 10.0	+1.4			
HNR	Honiar 113.55	161	PFAKE	LR	00 44 10.0	+1.4			
HNR			LR	LR					
BLA	comp=Z,10um,20.0s,MS6.4		PFAKE	LR	00 44 10.0	+1.5			
BLA	Blacksburg 113.68	301	PFAKE	LR	00 44 10.0	+1.5			
BLA			LR	LR					
HRV	comp=Z,7um,22.0s,MS6.2		PFAKE	LR	00 44 10.0	+1.5			
HRV	Adam Dzewonski 113.88	311	PFAKE	LR	00 44 10.0	+1.5			
HRV			LR	LR					
OBN	comp=Z,4um,22.0s,MS6.0		i	PP	00 45 08.1	+1.2			
OBN	Obninsk 114.87	23	i	PS	00 54 41.8	+7.4			
OBN			i	SS	01 01 02.8	+1.1			
KVXT	Kingsville 115.26	282	PFAKE	LR	00 44 10.0	+1.1			
KVXT			LR	LR					
KONO	comp=Z,3um,22.0s,MS5.9		PFAKE	LR	00 44 10.0	+1.2			
KONO	Kongsberg 115.31	7	PFAKE	LR	00 44 10.0	+1.2			
KONO			LR	LR					
MCWV	comp=Z,3um,20.0s,MS5.8		PFAKE	LR	00 44 10.0	+1.2			
MCWV	Mont Chateau 115.34	304	PFAKE	LR	00 44 10.0	+1.2			
MCWV			LR	LR					
LBNH	comp=Z,7um,22.0s,MS6.2		PFAKE	LR	00 44 10.0	+1.2			
LBNH	Lisbon 115.44	312	PFAKE	LR	00 44 10.0	+1.2			
LBNH			LR	LR					
BINY	comp=Z,4um,20.0s,MS6.0		PFAKE	LR	00 44 10.0	+1.1			
BINY	Binghamton 115.58	308	PFAKE	LR	00 44 10.0	+1.1			
BINY			LR	LR					
LSA	comp=Z,5um,22.0s,MS6.1		PKP	PKP	00 44 06.6	+6.9			
LSA	Lhasa 115.90	75	PKP	Pf	00 44 10.0	+1.0			
LSA			Pf	LR					
HKT	comp=Z,10um,21.0s,MS6.1		PFAKE	LR	00 44 10.0	+1.0			
HKT	Hockley 115.99	285	PFAKE	LR	00 44 10.0	+1.0			
HKT			LR	LR					
DAV	comp=Z,2um,20.0s,MS5.7		PFAKE	LR	00 44 10.0	+8.4			
DAV	Davao City (W) 116.58	119	PFAKE	LR	00 44 10.0	+8.4			
DAV			LR	LR					
AML	comp=Z,6um,20.0s,MS6.2		ePKP	PKP	00 44 03.4	+2.5			
AML	Almayashu 116.69	54	ePKP	Pf	00 44 03.4	+2.5			
AML			Pf	LR					
UCH	comp=Z,10um,22.0s,MS6.4		ePKP	PKP	00 44 07.8	+6.1			
UCH	Uchter 117.14	54	ePKP	Pf	00 44 06.9	+5.2			
UCH	Erkin-Say 117.14	54	ePKP	Pf	00 44 06.9	+5.2			
UCH			Pf	LR					
ACSO	comp=Z,9um,20.0s,MS6.4		PFAKE	LR	00 44 10.0	+7.9			
ACSO	Alum Creek Sta 117.28	302	PFAKE	LR	00 44 10.0	+7.9			
ACSO			LR	LR					
ERPA	comp=Z,4um,20.0s,MS6.0		PFAKE	LR	00 44 10.0	+7.9			
ERPA	Erie 117.34	305	PFAKE	LR	00 44 10.0	+7.9			
ERPA			LR	LR					
WCI	comp=Z,4um,19.0s,MS6.0		ePKP	PKP	00 44 04.1	+1.8			
WCI	Wyandotte Cave 117.36	298	ePKP	Pf	00 44 06.8	+4.5			
WCI	Ala-Archa 117.45	54	i	PKIKP	00 44 07.8	+5.5			
WCI	Ala-Archa 117.45	54	ePKP	Pf	00 44 07.8	+5.5			
WCI			Pf	LR					
FRU	comp=Z,8um,20.0s,MS6.3		ePKP	PKP	00 44 12.0	+9.3			
FRU	Bishkek 117.66	54	ePKP	Pf	00 44 08.1	+4.4			
FRU	Tokmak 2 118.18	55	ePKP	Pf	00 44 11.8	+6.9			
FRU	Junction City 118.58	283	ePKP	Pf	00 44 11.8	+6.9			
FRU			MLR	MLR					
KMI	comp=Z,2um,22.0s,MS5.6		Pf	Pf	00 40 30.6	+4.1			
KMI	Kunming 118.84	87	Pf	PP	00 45 32.4	+7.9			
KMI			PP	PP	00 47 54.1				
KMI			SKS	SKSdf	00 51 15.8	-1.6			
KMI			SKS	SS	00 55 15.5	+4.5			
KMI			SS	SS	01 01 48.9	+5.2			
KMI			SSS	PP	01 06 01.3				
KMI	comp=Z,344nm,6.5s		LR	LR					
KMI	comp=N,6um,20.0s,MS6.3		LR	LR					
KMI	comp=E,4um,21.2s,MS6.3		LR	LR					
KMI	comp=Z,5um,21.5s,MS6.2		LR	LR					

FINES	FINES Array B 118.85	15	PKP	PKP	00 44 05.0	+0.6			
FINES	comp=Z,0.8nm,0.9s,baz=207,slow=2.8,SNR=2.5		PKKpbc	PKKpbc	00 54 29.4	+1.0			
FINES	comp=Z,1.1nm,0.6s,baz=166,slow=4.8,SNR=3.6		PKP	PKP	00 44 05.0	+0.6			
FINES	FINES Array B 118.85	15	PKP	PKP	00 54 29.4	+1.0			
AAM	Ann Arbor 119.20	303	PFAKE	LR	00 44 20.0	+1.4			
AAM			LR	LR					
KAF	comp=Z,7um,21.0s,MS6.3		ePKIKP	PKP	00 44 13.0	+7.4			
KAF	Kangasniemi 119.53	15	ep	PKP	00 44 08.6	+1.7			
CCM	Cathedral Cave 119.75	295	ePKIKP	MLR	00 44 09.3	+1.9			
CCM			MLR	MLR					
TXAR	comp=Z,3um,20.0s,MS5.9		PKP	PKP	00 44 09.3	+1.9			
TXAR	Lajitas Array 119.86	279	PKP	PKP	00 54 27.9	+1.0			
TXAR			PKKpab	PKKpab	00 44 43.3	+2.3			
TXAR	comp=Z,1.6nm,1.0s,baz=333,slow=1.1,SNR=5.6		PKP	PKP	00 45 54.3	+7.4			
TXAR	Lajitas Array 119.86	279	PKP	PKP	00 45 54.3	+7.4			
TXAR			PKKpab	PKKpab	00 47 49.6				
HDIL	Hopedale 120.64	298	PFAKE	LR	00 48 30.8				
HDIL			LR	LR	00 51 23.3	-0.3			
BORG	comp=Z,5um,20.0s,MS6.2		PFAKE	LR	00 53 41.9	+0.2			
BORG	Borgarnes 120.90	351	PFAKE	LR	00 55 44.5	+4.4			
BORG			LR	LR	01 02 31.4	+5.9			
JOF									

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Neumayer-Watz, Sanae, Boshof, etc.

IS/CJB 24 05:32:36.0.0.4, 27275.003:6926W, 007, h103km, 5km, mb4.1/18, Error ellipse: s-maj=9.8km s-min=4.3km az=2.7

NEIC 24 05:32:36.3, 27285.6930W, h102km, mb4.1/12, After GUC.

NEIC Felt (III) at Copiapo and Tierra Amarilla. GUC 24 05:32:36.0.0.4, 27285.6930W, h102km, 15km, ML5.2

ISC 24 05:32:37.1.0.4, 27265.003:6925W, 006, h96km, 5km, h121km, 1.6km; p-P, n58, s191/64, mb4.1/18, 2C-8D,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Copiapo, Vallenar, Las Campanas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GSPA, JCT, TXAR, WWT, MCWV, VBA, VBA, VBA, etc.

PGC 24 05:38:29.676.0.5, 5735NS-13304W, h10km, ML3.3/4, 134km southeast of Juneau, Ak Southeastern Alaska

NEIC 24 05:38:00.0-0.8, 5765NS-13289W, h10km, ML3.3 (PGC), 5D, Error ellipse: s-maj=13.0km s-min=11.0km az=46.0,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRAP, WRAK, SIT, DLBC, etc.

ISC 24 05:55:34.7-6.0, 1915S-17711W, h0km, mb3.9/2, mb1 4.2, 2.2, mb1mx3.6/16, mbtmp3.9/2, Error ellipse: s-maj=306.4km s-min=52.0km az=149.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA, ASAR, AKASG, GERES, etc.

NIED 24 05:57:23.0.1.5, 4278N:14560E, h41km, Mw4.0 Best double couple: M1.16000x1015 NP1.9e252.00000, 886.00000, lambda-127.00000, NP2.9e157.00000, 837.00000, lambda-6.00000.

MOS 24 05:57:23.0.1.5, 4278N:14564E, h33km, mb4.2/11, Error ellipse: s-maj=17.4km s-min=8.5km az=78.0

ISCJB 24 05:57:24.5.0.7, 4281N:1004E, 14555E:06, h48km, 5km, mb3.9/19, Error ellipse: s-maj=8.8km s-min=4.5km

SKHL 24 05:57:25.4.1.1, 4285N:14536E, h36km, mb3.4/10, mb1 3.7/12, mb1mx3.6/20, mbtmp3.5/12, ML3.6/2, MS2.9/6, Ms1 2.9/6, ms1mx2.7/27, Error ellipse: s-maj=25.4km s-min=19.6km az=155.0

SKHL 24 05:57:25.4.0.2, 4304N:14560E, h33km, mb5.1/2 JMA Felt II J1. NEIC 24 05:57:28.3.1.5, 4283N:14538E, h65km, 16km, mb4.1/5, Error ellipse: s-maj=17.4km s-min=8.5km az=171.0

NEIC 24 05:57:25.9.0.6, 4284N:004, 14553E:005, h40km, 5km, h39km, 1.0km; p-P, n61, s193/69, mb3.9/19, 5C-10D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NEM2, NEM2, JAK, JAK, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be.

ISCJB 24 06:06:13.6:0.9, 556S:0.1-2.7W:0.3, h10km, mb3.9/7, MS3.6/5, Error ellipse: s-maj=25.1km s-min=12.6km az=160.7

IDC 24 06:06:13.9:1.1, 556S:2.27W, h10km, mb3.9/7, mb1 4.0/6, mb1mx3.9/19, mbtmp3.9/8, ML4.1/1.1, MS3.5/6, Mst 3.5/6, ms1mx3.3/23, Error ellipse: s-maj=37.4km s-min=20.9km az=57.0

NEIC 24 06:06:15.6:0.8, 556S:6.274W, h10km, Error ellipse: s-maj=24.3km s-min=12.9km az=61.0

ISC 24 06:06:15.7:0.9, 556S:0.1-2.7W:0.3, h10km, n17, 6:074/15, mb3.9/7, MS3.6/5, IC, Southern Mid-Atlantic Ridge

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat.

IDC 24 06:13:13.4:0.9, 3517N:7385E, h0km, mb3.6/10, mb1 3.8/14, mb1mx3.7/20, mbtmp3.7/14, ML3.5/4, Error ellipse: s-maj=22.7km s-min=18.6km az=46.0

BJJ 24 06:13:19.1, 3520N:7400E, h30km, mb3.7, ML3.5, Error ellipse: s-maj=16.0km s-min=8.8km az=80.0

ISCJB 24 06:13:20.0, 6.353N:003:7386E:007, h62km, gkm, mb3.5/9, Error ellipse: s-maj=10.3km s-min=4.3km az=160.0

NEIC 24 06:13:20.1:0.8, 3518N:7398E, h49km, gkm, mb3.6/1, Error ellipse: s-maj=11.0km s-min=6.5km az=59.0

NCC 24 06:13:21.5:5.4, 3583N:7351E, h0km, mb3.8, mpv3.7, Error ellipse: s-maj=56.3km s-min=30.0km az=37.0

ISC 24 06:13:22.3:0.5, 3531N:003:7381E:007, h67km, gkm, n51, 6:151/59, mb3.5/10, 7C-ZD, Northwestern Kashmir

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMH Jammu, JMH Jammu, JMH Jammu, JMH Jammu, JMH Jammu.

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

ISCJB 24 06:26:45.3, 3637N:2921E, h7km, gkm, MD3.2, ATH 24 06:26:45.5, 3630N:2948E, h40km, 14km, MD3.7/3

ISC 24 06:26:46.5:0.1, 3631N:2932E, h15km, MD3.1, Error ellipse: s-maj=3.0km s-min=1.6km az=168.0

ISCJB 24 06:26:47.5:0.6, 3630N:005:2933E:003, h24km, 4km, Error ellipse: s-maj=8.4km s-min=4.5km az=1.4

ISC 24 06:26:47.6:0.7, 3631N:005:2933E:003, h18km, gkm, n20, 6:072/33, 2C-1D, Turkey

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKAS Kas, AKAS Kas, AKAS Kas, AKAS Kas, AKAS Kas.

ISC 24 06:25:03.5:1.9, 1139N:8705W, h45km, 15km, mb4.6/1, Error ellipse: s-maj=21.3km s-min=13.3km az=214.0

ISCJB 24 06:25:04.8:1.1, 1154N:808:871W:0.1, h69km, gkm, mb3.8/8, Error ellipse: s-maj=20.1km s-min=7.4km az=147.0

CASC 24 06:25:04.2:2.6, 1149N:8725W, h35km, 99gkm, MD4.1, ML3.3, mb4.6(NEIC)

ISC 24 06:25:06.2:0.9, 1159N:007:8704W:009, h62km, gkm, n40, 6:088/33, mb3.9/8, 8C-5D, Near coast of Nicaragua

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COPN Copaltepe, COPN Copaltepe, COPN Copaltepe, COPN Copaltepe, COPN Copaltepe.

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

ISC 24 06:45:57.2, 3949N:2737E, h4km, MD2.7, CSEM 24 06:46:02.4:0.2, 3914N:2761E, h10km, MD2.8, Error ellipse: s-maj=5.8km s-min=4.7km az=73.0

ISCJB 24 06:46:03.5:0.9, 3909N:004:2753E:007, h7km, gkm, Error ellipse: s-maj=8.9km s-min=6.6km az=154.2

DDA 24 06:46:06.0, 3890N:2753E, h7km, 4km, MD2.8, ISC 24 06:46:03.8:0.8, 3908N:004:2753E:007, h13km, gkm, n9, 6:091/15, Turkey

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

MOS 24 06:54:45.7, 40.8, 483S:128.19E, h242km, mb4.5/5, Error ellipse: s-maj=19.3km s-min=8.4km az=104.6

ISCJB 24 06:54:48.6:1.0, 4.88S:004:12841E:006, h272km, 11km, mb4.3/35, Error ellipse: s-maj=10.2km s-min=5.6km az=138.8

DJA 24 06:54:49.7, 451S:128.49E, h260km, mb4.4, mb4.5, Error ellipse: s-maj=7.4km s-min=4.5km az=76.0

BJJ 24 06:54:49.7, 451S:128.49E, h260km, mb4.4, mb4.5, Error ellipse: s-maj=16.0km s-min=8.8km az=80.0

ISC 24 06:54:50.6:1.5, 4.90S:128.34E, h276km, 14km, mb4.1/16, mb1 4.2/20, mb1mx4.2/24, mbtmp4.2/20, Error ellipse: s-maj=16.0km s-min=8.8km az=80.0

ISC 24 06:54:50.6:1.0, 493S:004:12835E:006, h267km, gkm, n10km, h267km, 4km, pp-P, n86, 6:101/91, mb4.3/34, 9C-1D, Banda Sea

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, BATI Baumata, BATI Baumata, BATI Baumata, BATI Baumata.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like GZR Gura Zlata, OBN Obninsk, MK31 Makanchi Array, etc.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like GRF Grafenberg Arr, DAVOX Davos/Dischmat, KAF Kangasniemi, etc.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like LFF La Frestelle, KEV Kevo, ARCES ARCESS Array B, etc.

CSEM 24 07:12:25.5:0.1, 3994N-2882E, h10km, MD2.8, Error ellipse: s-maj=1.6km s-min=1.1km az=138.0 DDA 24 07:12:25.9, 3994N-2881E, h7km, MD2.8 ISK 24 07:12:25.5, 3991N-2883E, h15km, MD2.7 ISGJB 24 07:12:26.4:0.5, 3998N-003-2881E:003, h11km, 5km, Error ellipse: s-maj=5.5km s-min=3.9km az=158.7

XAN	comp=Z,64nm,5.8s	LR	LR		
KMI	comp=E,101nm,25.4s	LR	LR		
KMI	comp=Z,164nm,19.4s	LR	LR		
KMI	Kunming 70.87 301	P	P	08 51 56.3 +0.5	
KMI		AP	pP	08 52 12.1 +1.8	
KMI		XP	sP	08 52 19.0 +3.0	
KMI		PP	PP	08 54 36.9 +3.3	
KMI		S	S	09 01 07.3 -0.3	
KMI		sS	sS	09 01 33.9 +2.0	
KMI	comp=Z,9.0nm,0.8s,mb4.8	AMB	AMB		
KMI	comp=Z,100nm,4.8s	AMB	AMB		
KMI	comp=N,115nm,19.6s,MS4.3	LR	LR		
KMI	comp=E,131nm,21.9s,MS4.3	LR	LR		
KMI	comp=Z,175nm,19.6s,MS4.3	LR	LR		
HHC	Hu-ho-hao-te 71.54 320	eP	P	08 52 01.4 +1.9	
HHC		AP	pP	08 52 16.8 +2.8	
HHC		PCP	pP	08 52 20.9 +2.2	
HHC		PP	PP	08 52 24.4 +4.7	
HHC		XP	sP	08 54 43.3 +4.3	
HHC		S	S	09 01 14.8 0.0	
HHC		sS	sS	09 01 41.0 +2.7	
HHC		PS	PP	09 01 53.0	
HHC		SKS	SS	09 01 55.1	
HHC		SCS	SS	09 01 58.0 -2.5	
HHC		AMB	AMB		
HHC	comp=Z,11nm,0.6s,mb5.0	AMB	AMB		
HHC	comp=Z,103nm,7.5s	LR	LR		
HHC	comp=N,192nm,18.5s,MS4.7	LR	LR		
HHC	comp=E,331nm,19.1s,MS4.7	LR	LR		
HHC	comp=Z,168nm,19.5s,MS4.3	LR	LR		
CD2	Chengdu 72.34 307	eP	P	08 52 05.3 +0.8	
CD2		AP	pP	08 52 21.8 +2.8	
CD2		XP	sP	08 52 28.9 +4.2	
CD2		PP	PP	08 54 48.9 +2.6	
CD2		S	S	09 01 22.9 -1.4	
CD2		XS	SS	09 01 50.3 +1.6	
CD2		SS	SS	09 06 04.3 +0.7	
CD2	comp=Z,10.0nm,0.7s,mb4.8	AMB	AMB		
CD2	comp=Z,30nm,4.8s	AMB	AMB		
CD2	comp=N,140nm,16.8s,MS4.5	LR	LR		
CD2	comp=E,140nm,16.8s,MS4.5	LR	LR		
CD2	comp=Z,120nm,16.8s,MS4.2	LR	LR		
SEY	Seymour 74.19 354	eP	P	08 52 14.4 -0.3	
LZH	Lanzhou 74.48 312	eP	P	08 52 20.1 +3.1	
LZH		AP	pP	08 52 36.8 +5.2	
LZH		XP	sP	08 52 43.5 +6.2	
LZH		PP	PP	08 55 10.3 +6.1	
LZH		eS	sS	09 01 50.3 +1.5	
LZH		XS	SS	09 03 48.5 +5.2	
LZH		PS	PP	09 03 33.5	
LZH	comp=Z,23nm,1.5s,mb4.9	AMB	AMB		
LZH	comp=Z,97nm,7.6s	LR	LR		
LZH	comp=E,397nm,17.5s	LR	LR		
LZH	comp=Z,536nm,18.6s,MS4.9	LR	LR		
YAK	Yakutsk 77.80 344	eP	P	08 52 35.1 -0.2	
YAK		AMB	AMB		
YAK	comp=Z,14nm,0.6s,mb5.1	AMB	AMB		
SWW	Sparrevohn 77.89 18	eP	P	08 52 36.3 +0.5	
SOMN	Songji Array 78.37 324	P	P	08 52 38.6 -0.2	
SOMN	comp=Z,1.1nm,0.6s,mb4.0, baz=122,slow=3.6,SNR=5.9	LR	LR	09 23 35.7	
BILL	Billino 78.61	0d/P	P	08 52 39.7 +0.1	
BILL	comp=Z,68nm,19.3s,MS4.0, baz=75,slow=33	AMB	AMB		
GTA	Gaotai 78.78 314	eP	P	08 52 42.8 +1.6	
GTA		AP	pP	08 53 00.8 +4.9	
GTA		XP	sP	08 53 08.8 +7.2	
GTA		PP	PP	08 55 15.9 +5.5	
GTA		S	S	09 02 38.4 +3.2	
GTA		SKS	SS	09 02 47.5	
GTA		XS	SS	09 03 05.0 +5.1	
GTA	comp=Z,5.0nm,0.8s,mb4.5	AMB	AMB		
GTA	comp=Z,106nm,4.6s	LR	LR		
GTA	comp=N,164nm,19.0s,MS4.5	LR	LR		
GTA	comp=E,145nm,22.4s,MS4.5	LR	LR		
GTA	comp=Z,203nm,20.2s,MS4.5	LR	LR		
QSPA	South Pole Qui 79.37 324	eP	P	08 52 43.1 +0.1	
ZAK	Zakamensk 81.41 325	eP	P	08 52 54.6 -0.5	
ZAK	comp=Z,17nm,1.0s,mb4.9	AMB	AMB		
TLY	Talaya 81.83 326	eP	P	08 52 57.0 -0.3	
TLY	comp=Z,2.0nm,1.3s,mb3.9	AMB	AMB		
MCK	McKinley 81.93 19	eP	P	08 52 57.2 -0.4	
MCK	comp=Z,13nm,1.2s,mb4.7	AMB	AMB		
MCK	McKinley 81.93 19	eP	P	08 52 57.2 -0.3	
MCK	comp=Z,13nm,1.2s,mb4.7	AMB	AMB		
IMA2	Indian Mountain 82.28 16	eP	P	08 52 59.5 +0.1	
COLA	College 83.07	18eP	P	08 53 02.8 -0.7	
COLA	College 83.07 18	eP	P	08 53 02.6 -0.9	
COLA	comp=Z,7.3nm,0.8s,mb4.8	AMB	AMB		
002C	Red Bluff 83.20 47	UP	P	08 53 04.8 +0.1	
002C	comp=Z,9.4nm,1.0s,mb4.9	AMB	AMB		
M02C	Callahan 83.58 46	UP	P	08 53 07.0 +0.4	
002C	Acorn Hollow , 83.69 47	UP	P	08 53 06.9 -0.4	
J03A	Umpqua 83.77 44	UP	P	08 53 07.9 +0.3	
YBH	Yreka Blue Hor 83.79 46	LR	LR	09 27 21.3	
YBH	comp=Z,7.1nm,1.8s,MS4.1, baz=298,slow=34	AMB	AMB		
YBH	Yreka Blue Hor 83.79 46	UP	P	08 53 08.4 +0.7	
HUMO	Hull Mountain 83.93 45	UP	P	08 53 08.6 +0.1	
HUMO	comp=Z,9.4nm,1.0s,mb4.9	AMB	AMB		
HUMO	Hull Mountain 83.93 45	UP	P	08 53 08.5 +0.1	
M03C	McCloud 84.05 46	UP	P	08 53 09.5 +0.4	
CMB	Columbia Colle 84.26 50	eP	P	08 53 10.1 -0.1	
CMB	comp=Z,6.0nm,1.2s,mb4.6	AMB	AMB		
CMB	Columbia Colle 84.26 50	UP	P	08 53 09.9 -0.3	
CMB	comp=Z,6.0nm,1.2s,mb4.6	AMB	AMB		
CMB	Columbia Colle 84.26 50	eP	P	08 53 10.1 -0.1	
M04C	Macdoel 84.42 46	UP	P	08 53 11.1 +0.1	
BBB	Bella Bella 84.43 34	LR	LR	09 25 54.0	
BBB	comp=Z,165nm,18.1s,MS4.3, baz=253,slow=32	AMB	AMB		
LBCM	Butte Creek Ri 84.46 47	UP	P	08 53 11.4 +0.3	
T06C	Millerton Lake 84.46 51	UP	P	08 53 11.0 -0.2	
004C	Chester 84.48 47	UP	P	08 53 11.5 +0.2	
004C	comp=Z,9.4nm,1.0s,mb4.9	AMB	AMB		
L04A	Klamath Falls 84.52 45	UP	P	08 53 11.8 +0.4	
S06C	San Francisco 84.62 50	UP	P	08 53 11.7 -0.3	
J04A	Umpqua Nationa 84.73 44	UP	P	08 53 12.4 -0.1	
M05C	Lookout 84.77 46	UP	P	08 53 12.2 -0.5	
KCC	Kaiser Creek 84.85 51	UP	P	08 53 13.2 -0.1	
BEKR	Beckworth 84.86 48	UP	P	08 53 13.0 -0.3	

HELL	Mitchell Peak 84.88 51	P	P	08 53 13.2 -0.2	
MAW	Mawson 84.92 202	P	P	08 53 13.6 +0.5	
ISA	Isabella 85.01 52	eP	P	08 53 13.8 -0.3	
ISA	comp=Z,6.0nm,1.4s,mb4.5	AMB	AMB		
ISA	Isabella 85.01 52	eP	P	08 53 13.4 -0.7	
ISA	comp=Z,6.0nm,1.4s,mb4.5	AMB	AMB		
ISA	Isabella 85.01 52	eP	P	08 53 13.8 -0.2	
R06C	Coleville 85.11 49	UP	P	08 53 14.6 +0.1	
WAKR	Walker 85.12 50	UP	P	08 53 15.3 +0.8	
WCN	Washoe City 85.13 49	UP	P	08 53 14.1 -0.5	
EDW2	Edwards Air Fo 85.16 53	UP	P	08 53 14.8 0.0	
EGAK	Eagle 85.17 20	eP	P	08 53 14.4 +0.2	
J05A	Fort Rock 85.34 45	UP	P	08 53 15.8 +0.2	
K05A	Summer Lake 85.40 45	UP	P	08 53 16.4 +0.6	
N06A	Buffalo Meadow 85.52 47	UP	P	08 53 16.0 -0.5	
MOD	Modoc 85.55 46	UP	P	08 53 16.3 -0.3	
TIXI	Tiksi 85.80 349	eP	P	08 53 15.5 -1.7	
TIXI	comp=Z,5.0nm,1.7s,mb4.5	AMB	AMB		
MONP	Monument Peak 85.87 56	UP	P	08 53 18.0 -0.4	
MPMC	Manual Prospe 85.89 52	UP	P	08 53 17.9 -0.5	
NVAR	Mina Array Bea 85.95 50	P	P	08 53 18.5 -0.2	
O07A	Toulon 86.03 48	UP	P	08 53 19.2 +0.2	
R08A	Mina 86.07 50	UP	P	08 53 18.6 -0.7	
D05A	Enumclaw 86.16 41	UP	P	08 53 19.5 0.0	
M07A	Soldier Meadow 86.19 47	UP	P	08 53 19.7 -0.1	
GSC	Goldene 86.21 53	UP	P	08 53 19.7 -0.4	
GRAC	Grapevine Rang 86.25 51	UP	P	08 53 20.4 +0.2	
I06A	Prineville 86.26 44	UP	P	08 53 20.0 -0.1	
L07A	Adele 86.27 46	UP	P	08 53 20.5 +0.4	
Q08A	Gabbs 86.35 50	UP	P	08 53 20.5 -0.1	
H06A	Lindquist Farm 86.43 43	UP	P	08 53 20.9 0.0	
B05A	Bryant 86.47 40	UP	P	08 53 21.2 +0.2	
FURC	Furnace Creek, 86.49 52	UP	P	08 53 21.5 +0.1	
BELC	Belle Mtn. 86.50 55	UP	P	08 53 21.6 +0.1	
K07A	Rock Creek Ran 86.54 46	UP	P	08 53 21.8 +0.3	
S09A	Goldfield 86.56 51	UP	P	08 53 21.7 0.0	
J07A	Hines 86.70 45	UP	P	08 53 22.3 0.0	
N08A	GE Springer Mi 86.76 48	UP	P	08 53 22.1 -0.5	
I07A	Izee 86.79 44	UP	P	08 53 22.8 +0.1	
R09A	Tonopah 86.82 50	UP	P	08 53 22.7 -0.2	
BC3	Big Chuck Mtn 86.85 55	UP	P	08 53 23.2 0.0	
WVOR	Wild Horse Va 86.89 46	eP	P	08 53 23.0 -0.2	
WVOR	comp=Z,10.0nm,1.3s,mb4.9	AMB	AMB		
WVOR	Wild Horse Va 86.89 46	eP	P	08 53 23.0 -0.2	
L08A	Fields 87.02 46	UP	P	08 53 24.1 +0.3	
G07A	Ruggs Ranch, H 87.05 43	UP	P	08 53 23.6 -0.3	
TBM	Table Mountain 87.05 41	UP	P	08 53 21.6 -2.3	
S10A	Tonopah Range, 87.09 51	UP	P	08 53 24.5 -0.2	
TPNV	Topopah Spring 87.09 52	UP	P	08 53 23.9 -0.4	
GLA	Glamis 87.20 56	eP	P	08 53 25.6 +0.6	
GLA	comp=Z,2.1nm,1.4s,mb5.2	AMB	AMB		
GLA	Glamis 87.20 56	eP	P	08 53 25.6 +0.6	
IRM	Iron Mountain 87.22 55	UP	P	08 53 25.0 -0.1	
J08A	Circle Bar Ran 87.28 45	UP	P	08 53 24.9 -0.2	
LDFC	Landford 87.49 54	UP	P	08 53 26.6 +0.3	
G08A	Pilot Rock 87.53 43	UP	P	08 53 26.3 0.0	
K09A	Rome 87.61 46	UP	P	08 53 26.5 -0.1	
J09A	Fry Pan Ranch, 87.78 45	UP	P	08 53 27.3 -0.1	
T11A	Corn Creek, Al 87.96 52	UP	P	08 53 28.4 -0.1	
R11A	Troy Canyon, C 87.97 51	UP	P	08 53 28.2 -0.3	
Q11A	Duckwater 88.05 50	UP	P	08 53 28.8 -0.1	
PDMC					

Table with columns: SGMF, LDF, LDF, LDF, LDF, LDF, CABF, CABF, FLN, FLN, ROSF, ROSF, ROSF, ROSF, ROSF, ROSF. Rows include station names like La Druitiere, La Foliniere, etc.

ISCJB 24 08:53:01.4.0.5, 3886N.002.2296E.003, h0km, 4km, Error ellipse: s-maj=4.0km s-min=2.8km az=177.0

NEIC 24 08:53:02.2, 3887N.2291E, h5km, ML3.7(ATH), After ATH.

ATH 24 08:53:02.2, 3887N.2291E, h20km, 2km, MD3.8/21, ML3.7

CSEM 24 08:53:02.1.0.1, 3886N.2291E, h8km, ML3.9, Error ellipse: s-maj=1.8km s-min=1.0km az=81.0

SKO 24 08:53:07.3, 3902N.2313E, h1km

SOF 24 08:53:07.3, 3936N.2316E, h2km, MD3.2

ISC 24 08:53:02.6.0.4, 3885N.002.2292E.003, h5km, 4km, n79, e1507/90, 15-11D, Greece

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

ISCJB 24 09:08:04.0.1.5, 3430N.007.3676E.010, h10km, Error ellipse: s-maj=14.0km s-min=6.9km az=42.5

GRAL 24 09:08:05.0.0.9, 3442N.3674E, h0km, 260km, MD3.0

CSEM 24 09:08:06.0.6.5, 3439N.3666E, h10km, ML3.0, Error ellipse: s-maj=10.5km s-min=5.6km az=100.0

ISC 24 09:08:04.9.1.5, 3432N.008.367E.01, h10km, n6, e051/9, Jordan - Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Jordan-Syria region.

ATH 24 09:11:26.7, 3904N.2670E, h18km, MD3.3, ISCJB 24 09:11:27.8, 0.7, 3893N.002.2642E.006, h6km, 5km, Error ellipse: s-maj=7.6km s-min=3.7km az=165.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations in the ATH region.

ISC 24 09:41:10.0.1.2, 1681S.17728W, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.8/1.7, mbtmp3.9/6, MS4/10, MS1.4/0/10, ms1mx3.6/4, Error ellipse: s-maj=37.8km s-min=30.1km az=151.0

NEIC 24 09:41:12.4.0.6, 1684S.17743W, h10km, mb4.4/1, Error ellipse: s-maj=19.5km s-min=14.9km az=117.0

ISCJB 24 09:41:13.9.0.6, 169S.01.1775W.01, h33km, mb4.3/10, MS4/0.7, Error ellipse: s-maj=18.5km s-min=14.7km az=21.5

ISC 24 09:41:15.9.0.6, 169S.01.1774W.01, h35km, n31, e078/14, mb4.3/10, MS4/0.7, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations in the Pacific region.

CSEM 24 09:45:46.9.0.2, 3752N.4265E, h5km, MD3.2, ISCJB 24 09:45:47.8.0.7, 3746N.006.4267E.003, h5km, 7km, Error ellipse: s-maj=10.1km s-min=4.2km az=176.4

DDA 24 09:45:47.2, 3749N.4265E, h7km, 3km, MD3.1

ISC 24 09:45:47.4, 3751N.4266E, h8km, MD3.2

ISC 24 09:45:48.5.0.6, 3747N.005.4266E.003, h7km, 5km, n17, e086/23, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations in the Turkey region.

ISC 24 09:47:28.6.1.9, 2259N.10039E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/2.1, mbtmp3.5/4, Error ellipse: s-maj=96.9km s-min=23.6km az=68.0

ISCJB 24 09:47:30.6.1.1, 2261N.007.1011E.01, h13km, 10km, mb3.4/4, Error ellipse: s-maj=22.3km s-min=6.6km az=24.5

BUI 24 09:47:31.4, 2300N.10103E, h19km, ML3.9

ISC 24 09:47:32.1.4, 2262N.006.1012E.01, h10km, 10km, n12, e126/14, mb3.4/4, 1C, Myanmar-China border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Myanmar-China border region.

Table with columns: KMI, KMI, KMI, KMI, NANT, CHG, BDT, GYA, GYA, GYA, GYA, KKT, NST, CD2, SONM, MKAR, WRA, ASAR. Rows include station names and coordinates.

ISC 24 10:15:21.0.0.6, 1701S.17716W, h0km, mb4.5/15, mb1.4/7.15, mb1mx4.7/19, mbtmp4.5/15, MS4.9/30, MS1.4.8/30, ms1mx4.8/33, Error ellipse: s-maj=25.0km s-min=15.3km az=141.0

GCMT 24 10:15:22.5.0.1, 1689S.17695W, h12km, MW5.4/110, Moment Tensor Solution. s72.c130; s110.c210; Duration: t53 Moment tensor: Scale 10^17N; Mn=0.02±.02; Mw=1.71±.02; Mo=1.73±.02; Me=0.07±.05; Ms=0.07±.02; M0=0.51±.06; Best double couple: M01.80400x10^17 Np1.0±42.00000°, 570.00000°, 7.10.00000°; NP2=30.10.00000°, 580.00000°, 168.00000°

Principal axes: T 1.8830, Plg15.0000°, Azm266.0000°; N -0.1570, Plg75.0000°, Azm91.0000°, P -1.7250, Plg1.0000°, Azm1.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 24 10:15:22.5.0.2, 1709S.17716W, h10km, mb5.1/68, Error ellipse: s-maj=11.9km s-min=4.9km az=145.0

BUI 24 10:15:23.4, 1709S.17633W, h37km, mb3.5, mb5.0, MSs.1, MS2.9

ISCJB 24 10:15:24.0.2.0, 1715S.005.17702W.004, h33km, mb5.0/101, MS4.9/51, Error ellipse: s-maj=8.4km s-min=4.3km az=154.6

MOS 24 10:15:25.6.1.4, 1692S.17725W, h33km, mb5.3/33, MS5.0/9, Error ellipse: s-maj=12.5km s-min=8.1km az=55.7

SZGRF 24 10:15:26.2.0, 1738S.17711W, h35km, Fiji Islands region

DJA 24 10:15:28.1744S.17734W, h10km, mb5.4/25, ISC 24 10:15:26.2.0.2, 1715S.005.17701W.004, h35km, h35km/1.1, 7km, pP-P, n546, e094/432, mb5.0/101, MS4.9/51, 114C-115D, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations in the Pacific region.

ISC 24 10:15:28.1.0.1, 3430N.007.3676E.010, h10km, Error ellipse: s-maj=14.0km s-min=6.9km az=42.5

GRAL 24 10:15:29.0.0.9, 3442N.3674E, h0km, 260km, MD3.0

CSEM 24 10:15:30.0.6.5, 3439N.3666E, h10km, ML3.0, Error ellipse: s-maj=10.5km s-min=5.6km az=100.0

ISC 24 10:15:30.4.9.1.5, 3432N.008.367E.01, h10km, n6, e051/9, Jordan - Syria region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations in the Jordan-Syria region.

P13A	Bates Ranch, G	81.34	44	↑P	P	10 27 39.2	0.0
I09A	Lost Marbles R	81.38	39	↑P	P	10 27 39.3	0.0
A04A	Legoe Bay Linn	81.38	33	↓P	P	10 27 38.4	-0.8
N12A	Clover Valley,	81.38	43	↑P	P	10 27 38.9	-0.5
G08A	Pilot Rock	81.40	37	↑P	P	10 27 38.2	-1.2
Y18A	Canyon Day Jun	81.41	51	↑P	P	10 27 39.9	+0.1
B05A	Bryant	81.42	34	↑P	P	10 27 38.8	-0.6
D06A	Cle Elum	81.45	35	↓P	P	10 27 38.4	-1.2
I19A	Ashpeak Ranch,	81.50	52	↓P	P	10 27 39.8	-0.5
TTA	Tatalina	81.50	10	EP	P	10 27 41.1	+1.6
PMR	Palmer	81.56	13	EP	Pmax	10 27 39.9	+0.1
PMR	comp=Z,32nm,1.4s,mb5.1	81.56	13	EP	Pmax	10 27 39.9	+0.1
S15A	Pangutich	81.58	46	↓P	P	10 27 39.5	-1.0
Q14A	Sevier Lake (B	81.60	45	↓P	P	10 27 39.4	-1.1
L11A	Cat Creek Ranc	81.61	41	↓P	P	10 27 39.5	-1.1
J10A	Berg Farm, Mel	81.66	40	↓P	P	10 27 40.6	-0.2
HAWA	Hanford	81.71	36	EP	P	10 27 41.9	+0.9
U16A	Taba City	81.71	48	↓P	P	10 27 41.4	+0.1
M12A	Wells	81.75	42	↑P	P	10 27 40.7	-0.7
K11A	Parker Ranch,	81.76	41	↓P	P	10 27 40.8	-0.6
H09A	Durke	81.81	38	↑P	P	10 27 40.8	-0.7
X18A	Snoflake	81.82	50	↑P	P	10 27 40.8	-1.1
DIV	Divide	81.92	15	EP	P	10 27 43.2	+1.4
I10A	Payette	82.00	39	↓P	P	10 27 41.9	-0.7
E08A	Dider Farm, El	82.03	36	↓P	P	10 27 42.8	+0.1
P14A	Drum Mountains	82.04	44	↓P	P	10 27 41.9	-1.0
L12A	House Creek Ra	82.07	42	↑P	P	10 27 41.9	-1.1
Y19A	Nutrioso	82.07	51	↓P	P	10 27 43.9	+0.6
BMRM	Bremner River	82.08	15	EP	P	10 27 42.8	+0.2
G09A	Cove	82.08	38	↓P	P	10 27 42.3	-0.7
MSU	Marysvalle	82.11	46	EP	P	10 27 44.9	+1.6
BMO	Blue Mountains	82.12	38	EP	P	10 27 41.8	-1.4
M13A	Montello	82.21	43	↓P	P	10 27 44.0	+0.3
Q15A	Fillmore	82.21	45	↑P	P	10 27 43.5	-0.4
MFID	Camas Ranch	82.23	40	↓P	P	10 27 43.5	-0.3
WTV	Waterville	82.23	35	↓P	P	10 27 44.0	+0.3
F09A	S2 Ranch, Elgi	82.24	37	↑P	P	10 27 44.1	+0.3
U17A	Shonto	82.26	48	↓P	P	10 27 44.3	+0.2
X19A	St. Johns	82.26	51	↓P	P	10 27 44.4	+0.2
H10A	Noah's Angus R	82.31	39	↑P	P	10 27 44.3	-0.8
V18A	Ganado	82.37	49	↓P	P	10 27 44.3	-0.4
K12A	Draper Farm, C	82.40	41	↑P	P	10 27 44.0	-0.7
H11A	Placerville	82.42	40	↓P	P	10 27 43.8	-1.0
D08A	Wollman Farm,	82.43	36	↓P	P	10 27 44.0	-0.8
G10A	Bishop Farm, J	82.47	38	↓P	P	10 27 44.0	-1.1
DUG	Dugway	82.51	44	EP	Pmax	10 27 45.5	+0.2
DUG	comp=Z,6.0nm,1.1s,mb4.5	82.51	44	EP	Pmax	10 27 45.5	+0.2
DUG	Dugway	82.51	44	EP	P	10 27 45.5	+0.2
P15A	Leaming	82.56	45	↑P	P	10 27 45.5	-0.1
B07A	Winthrop	82.59	34	↑P	P	10 27 46.2	+0.6
L13A	Double Diamond	82.72	42	↑P	P	10 27 46.1	-0.4
BGU	Big Grassy Mou	82.73	43	↓P	P	10 27 47.0	+0.5
U18A	Rough Rock, Ch	82.74	49	↓P	P	10 27 47.2	+0.5
D09A	Jones Farm, Ri	82.78	36	↓P	P	10 27 46.0	-0.6
F10A	Beach Ranch, E	82.79	37	↓P	P	10 27 45.5	-1.2
A07A	Ashnola River,	82.80	34	↑P	P	10 27 46.2	-0.5
M14A	Sheep Mountain	82.81	43	↑P	P	10 27 45.5	-1.3
H11A	Donnelly	82.81	39	↑P	P	10 27 46.0	-0.8
K13A	Stover Farm, H	82.92	41	↓P	P	10 27 47.3	-1.1
B08A	Colville Reser	82.96	35	↓P	P	10 27 47.3	-0.2
Q16A	Castle Valley	83.00	46	↑P	P	10 27 47.6	-0.3
G11A	Walters Elk Ra	83.04	38	↓P	P	10 27 47.5	-0.4
TMUT	Trail Mountain	83.15	45	EP	P	10 27 50.7	+2.0
HLID	Hailey	83.15	41	↓P	P	10 27 48.4	-0.4
HLID	Hailey	83.19	41	EP	P	10 27 48.2	-0.6
J13A	Cove Ranch, P	83.25	41	↓P	P	10 27 48.2	-0.9
SPUT	South Promonto	83.30	43	EP	P	10 27 50.3	+0.9
HVU	Hansel Valley	83.32	43	EP	Pmax	10 27 50.6	+1.1
HVU	comp=Z,12nm,1.1s,mb4.8	83.32	43	EP	Pmax	10 27 50.6	+1.1
HVU	Hansel Valley	83.32	43	EP	P	10 27 50.6	+1.1
A08A	Turner Farm, O	83.34	34	EP	P	10 27 48.8	-0.7
SEY	Seymchan	83.35	34	EP	P	10 27 49.5	+0.3
D10A	Wagner Farm, O	83.36	36	↓P	P	10 27 48.8	-0.8
F11A	Grangeville	83.37	38	↑P	P	10 27 48.7	-0.9
M15A	Larsen Ranch,	83.38	43	↓P	P	10 27 48.4	-1.4
H12A	Diamond D Ranc	83.43	40	↑P	P	10 27 49.1	-0.9
K14A	Jones Ranch, D	83.45	42	↓P	P	10 27 49.6	-0.6
CTU	Camp Tracy	83.46	44	EP	P	10 27 51.8	+1.6
MCK	McKinley	83.52	12	EP	Pmax	10 27 49.6	-0.4
MCK	comp=Z,21nm,1.1s,mb5.2	83.52	12	EP	Pmax	10 27 49.6	-0.4
MCK	McKinley	83.52	12	EP	P	10 27 49.6	-0.4
SKAG	Skagway	83.53	20	EP	P	10 27 51.6	+1.4
SRU	San Rafael	83.53	46	EP	Pmax	10 27 50.5	-0.2
SRU	comp=Z,16nm,1.2s,mb5.0	83.53	46	EP	Pmax	10 27 50.5	-0.2
SRU	San Rafael	83.53	46	EP	P	10 27 50.5	-0.1
I13A	Wildhorse Cree	83.55	40	↓P	P	10 27 49.9	-0.8
JLU	Jordanelle	83.61	44	EP	P	10 27 52.2	+1.2
DAU	Daniels Canyon	83.65	44	EP	P	10 27 52.7	+1.4
A09A	Danville	83.72	34	↑P	P	10 27 50.1	-1.3
H13A	Challis	83.80	40	↓P	P	10 27 50.9	-1.0
F12A	Elk City	83.83	38	EP	P	10 27 50.6	-1.4

D11A	Klaveano Farm,	83.89	37	↑P	P	10 27 51.4	-0.9
HWUT	Hardware Ranch	84.03	43	EP	P	10 27 53.3	+0.2
MVCO	Misty Verde	84.08	48	EP	P	10 27 55.3	+1.8
G13A	Cobalt	84.09	39	↑P	P	10 27 52.6	-0.8
NEW	Newport	84.12	36	EP	Pmax	10 27 54.0	+0.6
NEW	comp=Z,4.0nm,0.9s	84.12	36	EP	Pmax	10 27 54.0	+0.6
NEW	Newport	84.12	36	EP	P	10 27 54.0	+0.6
BJL	Beijing	84.20	315	P	P	10 27 54.1	+0.1
BJL	comp=Z,3.6nm,0.9s,mb4.5	84.20	315	P	P	10 28 09.3	+0.3
BJL	S	84.20	315	P	P	10 38 21.0	+4.2
BJL	SS	84.20	315	P	P	10 43 52.3	+5.3
BJL	AMB	84.20	315	P	P	10 43 52.3	+5.3
BJL	comp=Z,10.0nm,1.6s,mb4.7	84.20	315	P	P	10 43 52.3	+5.3
BJL	comp=N,382nm,20.0s,MS4.9	84.20	315	P	P	10 43 52.3	+5.3
BJL	comp=E,189nm,16.0s,MS4.9	84.20	315	P	P	10 43 52.3	+5.3
BJL	comp=Z,425nm,24.6s	84.22	47	EP	P	10 27 54.2	0.0
PV10	Paradox Valley	84.22	47	EP	P	10 27 54.2	0.0
Q19A	Hogan Spring (	84.33	46	↑P	P	10 27 53.0	-1.8
F13A	Darby	84.39	39	↑P	P	10 27 53.0	-1.9
PV01	Paradox Valley	84.44	47	EP	P	10 27 54.1	-1.2
TXAR	Lajitas Arroy	84.46	57	↓P	P	10 27 55.9	+0.2
TXAR	comp=Z,8.3nm,1.0s,mb4.8,baz=230,slow=5.9,SNR=37	84.46	57	↓P	P	10 27 55.9	+0.2
TXAR	LR	84.46	57	↓P	P	10 57 28.5	
ANMO	Albuquerque	84.58	51	EP	P	10 27 56.8	+0.3
ANMO	Albuquerque	84.58	51	EP	P	10 27 56.8	+0.3
DLBC	Dease Lake	84.62	23	EP	P	10 27 56.6	+0.9
G14A	Jackson	84.64	39	↓P	P	10 27 55.0	-1.2
COLA	College	84.75	12	EP	Pmax	10 27 54.1	-2.2
COLA	comp=Z,26nm,0.9s,mb5.4	84.75	12	EP	Pmax	10 27 54.1	-2.2
COLA	College	84.75	12	EP	P	10 27 54.1	-2.1
COLA	comp=Z,26nm,0.9s,mb5.4	84.75	12	EP	P	10 27 54.1	-2.1
MCMT	McKenzie Canyo	84.80	40	EP	P	10 27 56.0	-1.0
IMAZ	Indian Mountai	84.81	9	↓P	P	10 27 57.3	+0.8
E13A	Victor	84.82	38	↓P	P	10 27 55.5	-1.5
A11A	Hall Mountain,	84.92	35	↑P	P	10 27 56.7	-0.8
F14A	Wisdom	84.98	39	↓P	P	10 27 56.4	-1.5
D13A	Huson	85.00	37	↑P	P	10 27 55.9	-2.1
M1AW	Mawson	85.02	199	EP	P	10 27 58.9	+1.1
MAW	comp=Z,2.3nm,1.0s,mb4.3	85.02	199	EP	P	10 27 58.9	+1.1
MAW	Mawson	85.02	199	EP	P	10 27 58.9	+1.1
MAW	comp=Z,1.4nm,0.9s,mb4.1,baz=115,slow=10.0,SNR=3.5	85.02	199	EP	P	10 27 58.9	+1.1
MAW	comp=Z,896nm,18.5s,MS5.2,baz=105,slow=34	85.02	199	EP	P	11 03 57.3	
MAW	Mawson	85.02	199	EP	Pmax	10 27 58.9	+1.1
MAW	comp=Z,2.0nm,1.0s	85.02	199	EP	Pmax	10 27 58.9	+1.1
PSI	Prapa	85.16	274	LR	LR	11 07 04.7	
PSI	comp=Z,451nm,19.3s,MS4.9,baz=118,slow=36	85.16	274	LR	LR	11 07 04.7	
MSO	Missoula	85.17	38	EP	P	10 27 59.5	+0.8
MSO	comp=Z,17nm,1.4s,mb5.0	85.17	38	EP	P	10 27 59.5	+0.8
G15A	Dillon	85.19	40	↑P	P	10 27 58.3	-0.6
E14A	Clinton	85.22	38	↓P	P	10 27 58.1	-0.9
DLMT	Dillon	85.22	40	EP	P	10 27 58.4	-0.7
DLMT	comp=Z,28nm,1.1s,mb5.3	85.22	40	EP	P	10 27 58.4	-0.7
DLMT	Drake Creek	85.23	42	EP	P	10 28 03.1	+0.9
DCIDI	Hot Springs	85.24	37	↑P	P	10 28 08.8	+1.6
C13A	Teton Pass	85.24	37	↑P	P	10 27 58.6	-0.6
TPAW	Teton Pass	85.33	42	EP	P	10 28 00.5	+0.8
TPAW	comp=Z,20nm,1.1s,mb5.2	85.33	42	EP	P	10 28 00.5	+0.8
TPAW	Red Top Meadow	85.33	42	EP	P	10 28 09.5	-1.1
SNOW	Snow King Moun	85.44	42	EP	P	10 28 00.5	+0.8
SNOW	comp=Z,2.3nm,1.0s,mb4.3	85.44	42	EP	P	10 28 00.5	+0.8
F15A	Butte	85.53	39	↓P	P	10 28 00.7	+0.1
IMW	Indian Meadow	85.53	42	EP	P	10 28 00.6	-0.1
IMW	comp=Z,35nm,1.3s,mb5.4	85.53	42	EP	P	10 28 00.6	-0.1
LRM	Limekiln Ridge	85.54	39	EP	P	10 28 00.4	-0.3
D14A	Greenough	85.55	38	↑P	P	10 27 60.0	-0.7
MOOW	Moose Ponds	85.59	42	EP	P	10 28 02.0	+1.1
LOHW	Long Hollow	85.61	42	EP	P	10 28 02.2	+1.2
LOHW	comp=Z,19nm,1.4s,mb5.1	85.61	42	EP	P	10 28 02.2	+1.2
CHMT	Chamberlain Mo	85.62	38	EP	P	10 28 01.5	+0.5
B13A	Whitfish	85.67	36	↑P	P	10 28 00.7	-0.6
QLMT	Earthquake Lak	85.68	41	EP	P	10 28 01.7	+0.4
E15A	Deer Lodge	85.73	39	↑P	P	10 28 00.8	-0.8
BILL	Bilibino	85.82	354	EP	Pmax	10 28 01.1	-0.4
BILL	comp=Z,						

IVA	Berane	5.73 353	flPn	Pn	10 33 19.4 +1.0
IVA			eSn	Sn	10 34 23.9 +0.3
NKY	Niksic	5.79 347	flPn	Pn	10 33 20.4 +1.1
NKY			eSn	Sn	10 34 25.9 +0.6
TREB	Trebinje	5.84 342	ePn	Pn	10 33 18.6 -1.4
MS1	Monte Sant'Ang	5.85 342	ePn	Pn	10 33 21.0 +0.5
BALY	Balya	5.92 362	iP	Pn	10 33 25.9 +4.8
BRY	Bratogost	5.97 344	flPn	Pn	10 33 20.7 -1.0
STRY			eSn	Sn	10 34 28.7 -0.9
BON	Ston	6.16 338	ePn	Pn	10 33 21.7 -2.6
UPM			eSn	Sn	10 34 28.8 -5.6
STON	Unac-Piva	6.19 347	flPn	Pn	10 33 21.0 +0.5
UPM			eSn	Sn	10 34 26.4 -0.4
PLE	Piljevit	6.24 350	flPn	Pn	10 33 26.3 +0.9
PLE			eSn	Sn	10 34 35.2 -1.0
ZAPS	Zavoj	6.24 12	ePn	Pn	10 33 26.4 +0.9
GOLS	Boljevac	6.70 7	ePn	Pn	10 33 29.7 -2.0
GRUS	Gruga	6.70 359	ePn	Pn	10 33 30.1 -1.6
SLUM		6.74 146	eP	Pn	10 33 29.1 -3.2
SLUM		6.74 146	eP	Pn	10 33 29.1 -3.2
DIVS	Divibare	6.94 355	ePn	Pn	10 33 33.5 -1.5
DIVS			eSg	Sn	10 33 46.7 -6.7
AKAS	Kas	7.13 95	iP	Pn	10 33 31.9 +2.0
HMAT	Matruh	8.00 138	eP	Pn	10 33 46.0 -3.7
GZR	Gura Zlata	8.34 10	flPn	Pn	10 33 52.9 -1.3
GZR	Gura Zlata	8.34 10	flPn	Pn	10 33 52.9 -1.3
BZS	Buzias	8.45 4	iPn	Pn	10 33 53.9 -1.8
BZS	Buzias	8.45 4	flPn	Pn	10 33 53.8 -1.5
BZS	Buzias	8.45 4	iPn	Pn	10 33 53.8 -1.5
SWA2		8.82 152	flPn	Pn	10 33 57.1 -1.2
VOIR		8.84 20	flPn	Pn	10 34 01.9 +0.8
VOIR	Muntele Rosu	9.15 23	Pn	Pn	10 34 07.0 +1.6
MLR	Muntele Rosu	9.15 23	flPn	Pn	10 34 07.5 +2.1
PKSM	Moragy	9.17 351	iPn	Pn	10 34 05.1 -0.5
PKSM	Moragy	9.17 351	flPn	Pn	10 34 05.0 -0.6
PKSM	Moragy	9.17 351	flPn	Pn	10 34 05.0 -0.6
BOJS	Bojanci	9.30 335	flPn	Pn	10 34 06.6 -0.8
ECUS		9.35 265	eSn	Sn	10 35 45.5 -5.8
KEST	Kesra	9.35 265	eSn	Sn	10 34 09.9 +1.8
KEST		0.2nm,0.3s,baz=6,slow=3,SNR=14	Sn	Sn	10 35 48.6 -4.2
PLOR	Plostinia	9.71 8	flPn	Pn	10 34 15.1 +2.2
DRGR		9.71 8	flPn	Pn	10 34 13.2 +0.2
VRI	Vrincioaia	9.74 25	flPn	Pn	10 34 16.3 +2.8
VRI	Vrincioaia	9.74 25	P	Pn	10 34 17.4 +3.9
VOY	Vojsko	10.24 332	ePn	Pn	10 34 21.2 +0.9
VOY			eP	Sn	10 34 33.4 -
VOY			eP	Sn	10 36 11.9 -2.7
PERS	Pernice	10.35 338	flPn	Pn	10 34 20.7 -1.1
PERS			iSn	Sn	10 36 00.4 -1.7
SOKA	Soboth	10.41 337	flPn	Pn	10 34 21.4 -1.3
GORS	Gorjuse	10.45 333	flPn	Pn	10 34 22.8 -0.2
GORS			iSn	Sn	10 36 12.0 -7.6
PSZ	Piszkesteto	10.75 357	flPn	Pn	10 34 27.7 +0.4
PSZ	Piszkesteto	10.75 357	flPn	Pn	10 34 27.7 +0.4
MOA	Molin	11.70 338	flPn	Pn	10 34 39.3 -0.9
HFRF	Wahat Farafira	11.85 145	flPn	Pn	10 34 40.4 -1.9
GLL	Jalalah	11.85 127	flPn	Pn	10 34 38.1 -4.3
GLL	Jalalah	11.85 127	flPn	Pn	10 34 38.1 -4.2
ANDN	Andrin	12.37 83	iP	Pn	10 34 56.9 +7.4
DAVOX	Davos/Dischmat	12.56 323	Pn	Pn	10 34 53.9 +1.9
TREC	Trest	12.71 344	AMS	AMS	10 40 40.0
GERES	GERESS Array B	12.76 338	Pn	Pn	10 34 54.7 0.0
GERES		0.3nm,0.3s,baz=161,slow=13,SNR=8.6	LR	LR	10 40 26.7
OKC	comp=Z,1.38nm,18.8s,baz=25,slow=40	12.80 352	AMS	AMS	10 40 40.0
OKC	Ostrava/Krasne	12.80 352	AMS	AMS	10 40 40.0
LVV	L'vov	12.85 9	eP	Pn	10 35 00.5 +4.6
KHC	Kasperske Hory	13.05 339	eP	Pn	10 34 57.3 -1.4
KHC	Kasperske Hory	13.05 339	eP	Pn	10 34 55.7 -3.0
KHC			AMS	AMS	10 40 50.0
OJC	Ojcow	13.05 357	ePKP	Pn	10 34 55.8 -2.9
GZT	Gaziantep	13.05 341	eP	Pn	10 34 56.3 -6.6
HPK1	Dobruska-Polom	13.55 348	AMS	AMS	10 41 10.0
DHC	Dakhla	13.72 145	eP	Pn	10 35 06.2 -1.7
EIL	Eilat	13.98 118	Pn	Pn	10 35 09.2 -2.2
EIL		0.5nm,0.3s,baz=0.0,slow=12,SNR=7.1	Sn	Sn	10 37 33.6 -1.2
PVCC	Panska Ves	14.07 343	AMS	AMS	10 41 20.0
AKRG	Al Kharijah	14.27 142	eP	Pn	10 35 13.8 -1.7
AKASO	Malin Array B	14.80 21	Pn	Pn	10 35 20.0 -2.5
CLL	Collin	15.18 31	iS	Pn	10 35 33.3 +5.8
CLL			ex	x	10 36 09.0
CLL			x	x	10 37 47.0
ESDC	Sonsea Array	19.55 285	P	Pn	10 36 23.4 +1.1
OBN	Obninsk	20.91 261	eP	Pn	10 36 33.8 -1.7
OBN			i	Pn	10 37 13.4
OBN			pmax	pmax	
OBN	comp=Z,26nm,1.6s	20.91 26	eP	Pn	10 36 33.8 -1.7
MDT	Midelt	21.25 266	P	Pn	10 36 40.9 +1.4
HFS	Hafslund	22.42 351	P	Pn	10 36 59.7 -2.6
HFS	Hafslund	22.42 351	P	Pn	10 36 59.7 -2.6
HFS	Hafslund	22.42 351	P	Pn	10 36 59.7 -2.6
EKA	Eskdalemuir Arr	24.38 326	P	Pn	10 37 11.2 +0.1
EKA	Eskdalemuir Arr	24.38 326	P	Pn	10 37 11.3 +0.2
EKA1			pmax	pmax	
NAO1	NORSAR Array S	24.50 348	eP	Pn	10 37 10.6 -1.6
NAO11	NORSAR Array S	24.50 348	eP	Pn	10 37 10.6 -1.7
FINES	FINESS Array B	24.51 6	P	Pn	10 37 11.0 -1.3
FINES	FINESS Array B	24.51 6	P	Pn	10 37 11.0 -1.3
FINES			pmax	pmax	
NB2	NORSAR Subarra	24.64 349	P	Pn	10 37 12.3 -1.2
NOA	NORSAR Array B	24.64 349	P	Pn	10 37 12.4 -1.1
NOA	NORSAR Array B	24.64 349	P	Pn	10 37 12.4 -1.1
KAF	Kangasniemi	25.19 6	eP	Pn	10 37 18.4 -0.1
KAF	Kangasniemi	25.19 6	eP	Pn	10 37 18.4 -0.1
JOF	Joensuu	26.56 11	eP	Pn	10 37 29.6 -1.3
JOF	Joensuu	26.56 11	eP	Pn	10 37 29.6 -1.3
TORD	Torodi Arr. Bea	29.41 221	P	Pn	10 37 57.1 +1.0
ARCES	ARCCESS Array B	32.51 3	P	Pn	10 38 22.3 -1.3
ARCES			LR	LR	10 52 20.9
DBIC	Dimbokro	38.33 224	P	Pn	10 39 14.2 +0.1
KMBO	Kilima Mbogo	41.05 154	P	Pn	10 39 37.9 +1.1
MKAR	Makanchi Array	45.63 58	P	Pn	10 40 11.8 -1.7
ZALV	Zalesovo Beam	46.19 47	P	Pn	10 40 15.8 -2.0
LSZ	Lusaka	52.64 171	P	Pn	10 41 08.0 +0.7
WRA	Warramunga Arr	120.27 93	PKP	PKPpdf	10 50 42.9 -1.7
ASAR	Alice Springs	121.83 97	PKP	PKPpdf	10 50 46.5 -1.0

CSEM 24 10:39:06.9, 4309N-4638E, h22km, mb4.1, After OBN
 MOS 24 10:39:06.9, 1, 4309N-4643E, h22km, mb4.1, After OBN
 ellipse: s-maj=22.8km s-min=9.7km az=16.3, Eastern

Caucasus

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
DBC	Dubki	0.30 103	Op	ISC	h m s	ISC
DBC			iP	Pn	10 39 15.5 +1.8	
KRNR	Karany	0.44 126	eP	Pn	10 39 24.2 +2.2	
KRNR			eS	Pn	10 39 28.5 +6.4	
UNCR	Uncukul	0.46 144	eP	Pn	10 39 16.5 +0.2	
UNCR			iSg	Pn	10 39 25.8 +3.1	
SNJR	Sundja	1.18 270	eP	Pn	10 39 29.9 +0.8	
SNJR			eSg	Pn	10 39 45.4 +1.9	
VLKR	Vladikavkaz	1.28 269	eP	Pn	10 39 30.4 +0.9	
VLKR			iSg	Pn	10 39 48.3 +2.4	
TRKR	Terskaya	1.39 298	iP	Pn	10 39 30.6 -0.3	
TRKR			iSg	Pn	10 39 48.5 -0.1	
BTKR	Batakoyurt	1.41 282	eP	Pn	10 39 31.9 +0.6	
BTKR			eSg	Pn	10 39 50.4 +1.4	
ARNR	Ardon	1.57 274	eP	Pn	10 39 34.4 +0.9	
ARNR			eSg	Pn	10 39 54.8 +1.6	
LACR	Lac	1.59 261	iP	Pn	10 39 34.9 +1.3	
BTKR	San Ignacio	2.13 138	eP	Pn	10 39 35.5 +2.3	
PRTR	Prirechnaya	1.70 294	ePn	Pn	10 39 35.5 +2.3	
ZEI	Tsey	1.88 261	eP	Pn	10 39 39.0 +1.3	
DIGR	Digorskoe uzhe	2.10 266	iPn	Pn	10 39 38.7 -1.9	

IOC 24 10:44:03.9, 0.9, 340N-7899W, h23km, 6km, mb3.6/7,
 mb1 3.9/9, mb1mx3.7/24, mbtmp3.7/9, ML3.2/2, Error
 ellipse: s-maj=28.5km s-min=17.6km az=49.0

ISCJB 24 11:43:32.0, 1.8, 349N-007.789W, 0.1, h36km, 19km,
 mb3.8/12, Error ellipse: s-maj=18.6km s-min=10.9km
 az=8.8

NEIC 24 10:44:06.4, 1.4, 339N-7891W, h48km, 15km, mb4.1/3,
 Error ellipse: s-maj=16.9km s-min=10.5km az=83.0

ISC 24 10:44:06.2, 1.5, 347N-006.788W, 0.1, h39km, 17km, n19,
 o1504/18, mb3.8/10, South of Panama

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
OTAV	Otavalo	3.24 173	Op	ISC	h m s	ISC
OTAV			eSn	Sn	10 45 13.4 -0.5	
ROSC	Ei Rosal	4.70 73	Pn	Pn	10 45 16.9 +2.2	
SDV	Santo Domingo	9.77 56	Pn	Pn	10 46 25.1 +0.8	
SDV		0.6nm,0.3s,baz=275,slow=4.3,SNR=9.8	Sn	Sn	10 48 10.6 -2.1	
ATAH	Atahualpa	10.41 178	Pn	Pn	10 46 39.7 +6.6	
ATAH		0.6nm,0.3s,baz=27,slow=4.3,SNR=2.2	Pn	Pn	10 47 47.7 +5.7	
NNA	Nana	15.48 173	Pn	Pn	10 49 01.4 +0.9	
LPAZ	La Paz	22.30 152	P	P	10 49 01.4 +0.9	
SIV	Siv	2.0nm,0.8s,mb3.6,baz=324,slow=12,SNR=8.5	P	Pn	10 49 36.9 0.0	
TXAR	Lajitas Array	34.88 320	P	P	10 50 53.2 -0.9	
TXAR	Yellowknife Arr	64.58 343	P	P	10 53 26.2 -0.3	
CCM	Cathedral Cave	36.24 343	eP	Pn	10 51 04.8 -0.9	
ANMO	Albuquerque	40.47 324	P	P	10 51 43.3 +2.1	
ECSD	EROS, Sioux Fal	43.08 341	eP	Pn	10 52 01.7 -0.7	
NVAR	Mina Array B	50.03 319	P	P	10 52 57.2 +0.2	
NVAR		0.6nm,0.4s,mb3.5,baz=130,slow=9,SNR=4.3	P	P	10 53 12.4 0.0	
YKA	Yellowknife Arr	64.58 343	P	P	10 54 39.2 0.0	
YKA	Yellowknife Arr	64.58 343	P	P	10 54 39.2 0.0	
YKA	Yellowknife Arr	64.58 343	P	P	10 54 39.2 0.0	
TORD	Torodi Arr	80.00 77	P	P	10 56 12.4 +0.1	
TORD		0.3nm,0.6s,mb3.4,baz=284,slow=4.8,SNR=3.9	pP	Pn	10 56 21.1 -3.1	
ASAR	Alice Springs	121.83 97	PKP	PKPpdf	11 03 32.8 -3.1	
ASAR		0.4nm,0.4s,baz=118,slow=2.3,SNR=16	PKP	PKPpdf	11 03 41.5 -6.9	
WBR	Warramunga Arr	143.74 241	PKP	PKPpdf	11 03 36.5 -1.6	
WRA	Warramunga Arr	143.74 241	PKP	PKPpdf	11 03 36.9 -1.3	
WRA		3.5nm,0.7s,baz=107,slow=2.9,SNR=13	PKP	PKPpdf	11 03 45.7 -4.9	

GII 24 10:45:58.6, 1.4, 3322N-3673E, h0km, ML2.2/3,
 EXPLOSION

GRAL 24 10:45:59.7, 0.4, 3364N-3684E, h0km, 689km, MD3.0

ISC 24 10:45:57.0, 2.2, 3372N-005.370E, 0.2, h0km, n10,
 o081/14, Jordan - Syria region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
FKH	Fakeheh	0.71 317	Op	ISC	h m s	ISC
FKH			eSg	Pn	10 46 12.2 +1.0	
HQW	Hawqa	1.03 303	eP	Pn	10 46 17.4 0.0	
HQW			eSg	Pn	10 46 30.2 -0.5	
BHL	Bhannes	1.13 280	eP	Pn	10 46 17.9 -1.3	
KSH	Keshesh	1.25 234	Pg	Pn	10 46 20.8 -0.3	
MMCS	Mount Meron arr	1.50 242	Pn	Pn	10 46 25.3 -0.7	
MMCS	Mount Meron arr	1.50 243	Pn	Pn	10 46 25.4 -0.3	
MMCS	Mount Meron arr	1.52 243	Pn	Pn	10 46 25.7 -1.0	
MMCS	Mount Meron arr	1.52 243	Pn	Pn	10 46 25.7 -1.0	
MMML	Mount Malkishu	1.84 226	Pn	Pn	10 46 30.5 +0.2	
MMML			Sn	Sn	10 46 35.1 +0.1	
HMDT	Nahal Hemdat	1.91 221	Pn	Pn	10 46 32.1 +0.7	
HMDT			Sn	Sn	10 46	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PAWZ Paruwai Farm, TCW Tory Channel, TUWZ Tuamarina, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BC3 Big Chuckw Mtn, LAVA Lava Cap Winer, GLA Glamis, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like J05A Fort Rock, Y16A Circle Bar Ran, S12A Delamar Landin, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like D08A Wollman Farm, H11A Donnelly, H11A Hansel Valley, M15A Larsen Ranch, F10A Beach Ranch, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like KIV Kislovodsk, NB2 NORAS Subaru, NOA NORAS Arr B, NOA NORAS Arr B, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like ISCJB 24 12:07:07.0, NEIC 24 12:07:08.5, ISC 24 12:07:08.7, etc.

Table with columns: KRBR, Kerman, SNR=52, 3.77 81 ePn, Pn, 12 56 37.1 +3.0, etc.

SZGRF 24 12:59:53.7, 1637S-17711W, h33km, Fiji Islands region
ISCJB 24 13:00:42.6-0.7, 1875S-006.17773W,0.05, h576km, gkm,
mb4.3/46, Error ellipse: s-maj=11.0km s-min=5.5km
az=143.5

BUI 24 13:00:42.7, 1870S-17770W, h576km, mb4.5, mb4.7
NEIC 24 13:00:43.8-0.8, 1870S-17767W, h577km, 10km, mb4.2/27,
Error ellipse: s-maj=11.1km s-min=6.1km az=143.0
IDC 24 13:00:44.2-1.1, 1867S-17768W, h583km, 13km, mb3.7/17,
mb1.3, 9.19, mb1-mx3, 8/21, mbtmp3, 7/19, Error ellipse:
s-maj=12.4km s-min=8.3km az=150.0

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

Table with columns: CMB, Columbia Colle, 77.97 43 eP, P, 13 11 42.7 -0.6, etc.

Table with columns: S13A, Holt Ranch, En, 82.05 46 fP, P, 13 12 04.3 -0.3, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like WHN, XAN, LANZHOU, SHESHAN, NANJING, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like DL2, DL1, DL2, DL2, DL2, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like MJAR, BRVK, BORVOYE, etc.

24d 14h

Table with columns: TXAR, Lajitas Array, 141.24, 26, PKhKP, 14 06 58.9, etc.

NEIC 24 14:02:42.2, 3204Sx6805W, h140km, MD3.5(GUC), After GUC

GUC 24 14:02:42.0, 3204S, 6805W, h140km, 68km, MD3.5, ML3.6, 5C-2D, Mendoza Province

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

ISCJB 24 14:09:06.6, 1.0, 1968S, 007.684W, 0.1, h89km, 12km, mb3.6/5, Error ellipse: s-maj=16.6km s-min=11.4km az=157.1

NEIC 24 14:09:06.4, 1.1, 1995S, 6865W, h69km, 12km, mb3.8/1, Error ellipse: s-maj=18.7km s-min=12.6km az=89.0

IDC 24 14:09:06.7, 2.1, 1962S, 6864W, h73km, 21km, mb3.4/5, mb1 3.7/7, mb1mx3.2/0, mbtmp3.4/7, MS3.1/3, Ms1 3.1/3, ms1mx2.8/14, Error ellipse: s-maj=30.6km s-min=20.1km az=96.0

ISC 24 14:09:08.1, 1.0, 1969S, 007.684W, 0.1, h86km, 11km, n15, +f111/18, mb3.6/5, Chile-Bolivia border region

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

NEIC 24 14:25:37.6, 3146Sx7162W, h32km, ML2.8(GUC), After GUC

GUC 24 14:25:37.6, 1.0, 3146S, 7162W, h32km, 26km, MD3.5, ML2.8, 2C, Near coast of central Chile

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

TAP 24 14:38:49.1, 2279N, 12046E, h25km, ML3.8, TAP Felt 1 J at Shinhua, 1 J at Kaohsiung, 1 J at Sandimen, 1 J at Jiouru, 1 J at Shoushan.

ISCJB 24 14:38:50.2, 0.3, 2278N, 001.12045E, 0.02, h32km, 1km, Error ellipse: s-maj=3.6km s-min=2.3km az=159.6

2007 JUN

JMA 24 14:38:50.2, 0.3, 2278N, 12055E, h129km, M2.9, ISC 24 14:38:50.3, 0.3, 2277N, 002.12043E, 0.02, h29km, 1km, n64, c0889/109, 14C-5D, Taiwan

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

ISCJB 24 14:46:36.4, 3.2, 1100S, 009.1660E, 0.1, h80km, 26km, mb4.1/18, Error ellipse: s-maj=19.8km s-min=14.5km az=6.2

IDC 24 14:46:36.4, 4.3, 1097S, 16614E, h67km, 35km, mb3.9/15, mb1 4.0/16, mb1mx3.9/20, mbtmp3.9/16, ML3.3/1, MS3.8/2, Ms1 3.8/2, ms1mx3.1/22, Error ellipse: s-maj=25.0km s-min=17.2km az=89.0

NEIC 24 14:46:38.2, 0.2, 1094S, 16608E, h85km, 16km, mb4.5/4, Error ellipse: s-maj=14.0km s-min=9.4km az=108.0

ISC 24 14:46:38.2, 2.7, 1096S, 009.1661E, 0.1, h83km, 22km, n39, N71/90, mb4.1/18, Santa Cruz Islands

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

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Table with columns: FITZ, Fitzroy Crossi, 39.71, 255, eP, P, 14 54 02.9, 0.0, etc.

ISCJB 24 14:51:02.4, 1.9, 111N, 007.1270E, 0.1, h74km, 19km, mb4.1/15, Error ellipse: s-maj=25.6km s-min=9.3km az=163.2

IDC 24 14:51:03.0, 4.7, 104N, 12682E, h63km, 43km, mb3.8/13, mb1 3.9/14, mb1mx3.8/18, mbtmp3.8/14, ML3.3/1, MS2.8/1, Ms1 2.8/1, ms1mx2.6/20, Error ellipse: s-maj=36.2km s-min=12.1km az=81.0

NEIC 24 14:51:04.6, 1.6, 109N, 12697E, h82km, 14km, mb5.0/3, Error ellipse: s-maj=20.7km s-min=5.9km az=66.0

DJA 24 14:51:04.6, 1.0, 104N, 12676E, h107km, 10km, ML4.4/5, ISC 24 14:51:04.0, 1.5, 107N, 007.1269E, 0.1, h73km, 14km, n28, c083/24, mb4.1/15, Northern Molucca Sea

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

MAN 24 14:52:52, 1035N-12522E, h11km, mb4.2, ML3.0, MS2.7, 1C, Leyte

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

BJJ 24 14:53:53.7, 2066N-9966E, h15km, ML3.8, Ms3.6, MS2.3, 1C, Myanmar

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

CASC 24 14:58:44.9.2.5, 1341N-91.03W, h20km, 9km, MD4.2, mb3.9(NEIC)
 ISCJB 24 14:58:45.8.0.5, 1344N.004.9098W.003, h58km, 5km, mb3.9/18, MS3.4/5, Error ellipse: s-maj=7.9km s-min=3.6km az=27.9
 NEIC 24 14:58:47.6.1.2, 1344N.9080W, h55km, 9km, mb3.9/8, Error ellipse: s-maj=15.5km s-min=9.5km az=194.0
 MEX 24 14:58:47.8.3.8, 1335N.91.14W, h27km, 92km, MD4.8
 IDC 24 14:58:48.4.3.1, 1372N.9056W, h51km, 27km, mb3.7/12, mb1.0/4, mb1mx2.7/27, mbtmp3.8/14, ML4.5/2, MS3.3/6, Ms1.3/3.6, ms1mx2.9/33, Error ellipse: s-maj=30.9km s-min=14.7km az=39.0

ISC 24 14:58:47.8.0.4, 1350N.004.9092W.003, h54km, 5km, n86, c135/80, mb3.9/17, MS3.4/5, 3C-8D, Near coast of Guatemala

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PCG	Pacaya	0.94	191	Op	14 59 04.3	-0.7
FUG	Fuego 3	0.95	5	IP	14 59 04.1	-0.9
FG6		1.06	20	Op	14 59 05.7	-0.7
JAT	Jato	1.07	32	eP	14 59 05.2	-1.4
NBT	Nas Nubes	1.22	271	eP	14 59 21.8	+1.2
JBG				Sn	14 59 09.1	+0.5
NBG				Sn	14 59 27.4	+3.3
RTR	El Retiro	1.30	721	eP	14 59 08.5	x
SBL5	San Blas	1.31	751	eP	14 59 08.5	x
SNDJ	San Jose	1.33	74	eP	14 59 08.9	x
RBLD	Robledal	1.35	63	eP	14 59 09.7	x
BOQS	Boqueron	1.61	811	eP	14 59 13.3	x
BOOS				x	14 59 37.1	x
MTQ2	Montecristo 2	1.76	59	eP	14 59 27.3	x
MTQ2				x	14 59 40.6	x
LFU	La Fuente	1.77	82	eP	14 59 16.1	x
LFU				x	14 59 41.4	x
LFRR	El Faro	1.81	86	eP	14 59 16.0	x
LBRS	Las Brisas	1.91	821	eP	14 59 16.2	x
LCBS	La Ceiba	1.90	851	eP	14 59 17.2	x
THIG		1.92	317	iP	14 59 15.0	-3.1
THIG				iS	14 59 39.4	-1.6
SNVI	San Vicente	2.03	86	eP	14 59 19.4	x
SNVI				eS	14 59 48.1	x
VSM	San Miguel	2.58	91	eS	14 59 47.9	x
VSM				x	15 00 01.5	x
BLLM	Bellamira	2.61	91	eP	14 59 28.3	x
BLLM				eS	15 00 03.2	x
CAHU	Cacaquatique	2.65	841	eP	14 59 27.7	x
COIG	Comitan	3.01	337	iP	14 59 24.0	+1.0
COIG				iS	15 00 07.3	x
CNCH	Conchagua	3.01	94	eP	14 59 32.7	x
CNCH				eS	15 00 11.8	x
TGUH	Tegucigalpa, Un	3.59	81	eP	14 59 40.2	-0.7
TGUH	Tegucigalpa, Un	3.59	81	eP	14 59 40.6	-0.4
SCX	San Cristobal	3.62	333	eP	14 59 44.4	-0.4
TGIG		3.89	327	iP	15 00 29.0	-0.6
TGIG				iS	14 59 47.1	-0.6
TEL3	Telica 3	4.08	103	eP	14 59 53.0	+0.6
COPN	Copaltepe	4.42	1071	eP	14 59 57.0	-0.2
HUEN		4.77	103	eP	14 59 57.0	-0.2
TICN	Ticunantepec	4.89	87	eP	15 00 01.5	-1.9
BOAB	BOACO BROADBAN	5.23	314	eP	15 00 06.4	+2.9
CMIG	Matias Romero	5.23	314	eP	15 00 06.4	+2.9
CMIG				S	15 01 04.9	+2.3
HUIG	Huatulco	5.50	295	iP	15 00 05.3	-1.9
HUIG				iS	15 01 06.5	-2.8
OXX	Oaxaca	6.64	303	eP	15 00 25.0	+2.2
VHO	Vista Hermosa	6.64	303	iP	15 00 21.6	-1.2
MSO		6.75	123	eP	15 00 23.8	0.0
JCR	Jicaral	6.75	123	eP	15 00 31.3	+1.4
TEIG	Tepech	7.16	20	eP	15 01 04.4	x
TEIG				LR	15 01 03.4	x
TEIG				LR	15 00 31.2	+1.3
PR51	Purisaca	7.35	118	eP	15 00 34.0	+1.4
LCR2	La Lucha 2	7.74	118	eP	15 00 40.5	+2.7
TPIG	Tehuacan	7.89	309	eP	15 00 39.2	-0.8
TPIG				iS	15 02 06.6	-1.3
BUS	Buena Vista	8.04	318	eP	15 00 43.5	+1.6
PPM	Pocopetate	8.24	108	eP	15 00 47.2	+0.2
PPM				iS	15 02 41.0	0.0
ACX	Acapulco	9.31	292	iP	15 00 59.2	-0.2
MEIG	Mezcala	9.46	299	iP	15 01 01.6	+0.2
MEIG				iS	15 02 05.8	-0.7
PLIG	Platanillo	9.58	302	iP	15 01 45.0	+1.9
PLIG	Platanillo	9.58	302	iP	15 01 38.5	+2.2
IO	Organos	9.62	319	iP	15 01 08.4	+4.7
CAIG	El Cayaco	9.68	293	iP	15 01 01.7	-2.8
CAIG				iS	15 02 53.9	+2.0
ZIIG	Zihuatanejo	10.95	293	iP	15 01 21.3	-0.5
ZIIG				iS	15 02 27.2	-0.2
LNIG	Linares	13.91	326	eP	15 02 09.3	+7.1
JCT	Junction City	18.79	336	eP	15 03 05.8	+2.2
CH2		19.10	116	eP	14 59 44.9	x
HPIG		19.21	316	eP	15 03 09.3	+0.4
TXAR	Lajitas Array	19.70	325	eP	15 03 15.2	+0.6
TXAR				PcP	15 07 32.6	+2.7
SDV	Santo Domingo	20.42	101	P	15 03 19.3	-1.3
SDV	Santo Domingo	20.42	101	P	15 03 19.1	-1.5
GOGA	Godfrey	20.96	18	P	15 03 24.4	-1.9
MIAR	Mount Ida	21.99	354	P	15 03 27.3	-0.4
SWET	Seawane	22.09	11	eP	15 03 38.4	0.0
CPCT	Cooper Cave	22.61	14	eP	15 03 43.7	-0.2
WVT	Waverly	22.71	6	eP	15 03 43.4	-1.5
TKL	Tuckaleechee C	22.99	15	P	15 03 47.6	-0.2
TKL				LR	15 13 24.1	x
TKL	Tuckaleechee C	22.99	15	P	15 03 47.4	-0.5
WCI	Wyandotte Cave	24.97	9	P	15 04 06.7	+0.4
ANMO	Albuquerque	25.56	329	eP	15 04 13.8	+2.1
TUC	Tucson	26.10	319	eP	15 04 19.6	+3.0
MSU	Marysvale	31.24	327	eP	15 05 05.5	+3.3
PDAR	Pinedale Array	33.32	333	P	15 05 20.9	+0.6
NVAR	Mina Array Bea	34.72	321	P	15 05 35.8	+3.2
NVAR				PcP	15 08 07.5	+2.0
MCMT	McKenzie Canyon	36.38	333	eP	15 05 49.2	+2.4
ULM	Lac du Bonnet	36.87	355	P	15 05 49.9	-1.0
ULM				LR	15 24 13.5	x
WVOR	Wild Horse Val	37.49	326	P	15 05 57.9	+1.6
YBH	Yreka Blue Hor	39.41	322	P	15 06 13.0	+0.6
YBH				LR	15 24 14.9	x
NEW	Newport	40.91	333	LR	15 26 04.0	x
SIV	San Ignacio	42.45	334	P	15 06 30.3	-0.3
SCHO	Schefferville	45.34	19	P	15 06 58.0	-2.3
SCHO				LR	15 27 16.3	x
SKO	Skyway	47.16	342	P	15 07 48.1	-1.4
DLBC	Dease Lake	53.54	336	P	15 08 03.3	+0.5
INK	Inuvik	61.22	343	P	15 08 56.1	-0.6
DBIC	Dimbokro	84.66	84	P	15 11 15.4	-1.0
TORD	Torodi Ar. Bea	89.47	77	P	15 11 37.7	-2.0

0.2nm, 0.6s, mb3.6, baz=292, slow=4.6, SNR=5.1
 TORD Torodi Ar. Bea 89.47 77 P PKPdf 15 11 37.7 -2.0
 MKAR Makanchi Array 119.68 5 PKP 15 17 31.7 -0.2
 0.2nm, 0.2s, baz=333, slow=1.6, SNR=3.0
 MKAR Makanchi Array 119.68 5 PKP 15 17 31.7 -0.2
 WRA Warramunga Arr 136.28 25 PKP 15 18 05.2 +1.1
 0.2nm, 0.6s, baz=88, slow=2.9, SNR=5.4

IDC 24 15:00:25.7.1.8, 5908N:15421W, h84km, 22km, mb3.6/9, mb1.3/7.1, mb1mx3.5/25, mbtmp3.6/17.0, Error ellipse: s-maj=26.6km s-min=15.5km az=177.0
 ISCJB 24 15:00:25.7.1.8, 5908N.004.15404W.009, h113km, 5km, mb3.9/9, Error ellipse: s-maj=7.4km s-min=6.2km az=177.5
 NEIC 24 15:00:29.0, 5979N:15401W, h103km, MG3.4(AEIC), After AEIC.
 ISC 24 15:00:27.5.0.4, 5899N.004.15403W.009, h105km, 5km, n41, c088/45, mb3.8/9, Alaska Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
AUL	Augustine Lava	0.50	38	Op	15 00 44.7	+0.9
KDAA	Kodiak Island	1.43	147	S	15 00 53.3	+0.1
KDAA				Sn	15 01 11.4	-1.2
KDAA				S	15 00 53.2	+0.1
KDAA				S	15 01 12.1	-0.6
OHAK	Old Harbor	1.82	167	eP	15 00 57.7	-0.2
OHAK				eS	15 01 20.3	-0.8
SVW2	Sparrevohn	2.25	340	eP	15 01 03.5	+0.1
SLKM	Skliak Lake	2.46	50	P	15 01 06.6	+0.5
SEW	Seward	2.59	62	P	15 01 08.5	+0.7
RFU1	Rabbit Creek A	3.01	44	P	15 01 14.0	+0.6
SKT	Skwentna	3.25	21	P	15 01 17.4	+0.9
PMR	Palmer	3.57	41	eP	15 01 21.4	+0.5
CHGN	Chignik	3.58	223	eP	15 01 21.9	+0.9
MID	Middich Island	3.95	30	eP	15 01 26.2	-0.2
TT01	Tatalina	4.05	347	P	15 01 27.6	+0.4
TTA	Tatalina	4.07	347	eP	15 01 27.9	+0.4
EYAK	Cordova Ski Ar	4.47	66	P	15 01 32.2	-0.8
KTH	Kantishna Hill	4.82	17	P	15 01 37.6	0.0
TF	Thorsfare Moun	4.83	20	P	15 01 37.9	+0.1
MCH	McKean	5.35	25	P	15 01 44.7	-0.1
COLA	College	6.58	24	P	15 02 00.1	-1.4
IL1	Eielson Array	6.71	27	P	15 02 01.8	-1.4
IM3	Indian Mountai	7.02	1	P	15 02 07.7	+0.2
IMA2	Indian Mountai	7.11	1	eP	15 02 09.8	+1.2
EC43	Ever Creek A	7.21	30	eP	15 02 09.2	-0.8
PNL	Peninsula	7.52	79	P	15 02 14.2	-0.1
BM3	Burnt Mountain	9.46	23	eP	15 02 38.6	-1.8
SIT	Sitka	10.11	93	eP	15 02 49.2	-0.2
DLBC	Dease Lake	12.47	82	eP	15 03 24.6	+3.7
DLBC				S	15 03 37.5	-0.5
INK	Inuvik	12.97	35	P	15 03 27.4	0.0
INK				P	15 04 44.9	+0.5
YKA	Yellowknife Ar	19.37	53	P	15 05 33.0	+0.4
NEW	Newport	24.06	100	P	15 05 33.0	+0.4
NEW				P	15 05 33.0	+0.4
PETK	Petrovlovsk-2	27.08	179	P	15 05 59.6	-0.3
PDAR	Pinedale Array	31.70	101	P	15 06 42.4	+1.7
TXAR	Lajitas Array	45.14	108	P	15 08 35.4	+2.2
TXAR	Lajitas Array	45.14	108	P	15 08 35.4	+2.2
KSR5	Kororua Array	52.88	282	P	15 09 32.5	+0.3
SOMN	Somnigo Array	54.29	306	P	15 09 47.6	+0.5
ZALV	Zalesovo Beam	57.88	323	P	15 10 06.6	-1.1
ZALV				P	15 10 06.6	-1.1
BVAR	Borovoye Array	62.71	332	P	15 10 39.2	-1.4
MKAR	Makanchi Array	64.89	321	P	15 10 53.4	-1.6

IDC 24 15:12:04.2.11.0, 1278N-9033W, h0km, mb3.3/4, mb1.3/8.4, mb1mx3.5/22, mbtmp3.4/4, Error ellipse: s-maj=196.1km s-min=58.3km az=166.0, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TXAR	Lajitas Array	20.61	325	Op	15 16 44.4	-0.8
TKL	Tuckaleechee C	23.53	13	P	15 17 17.0	+0.8
NVAR	Mina Array Bea	35.64	321	P	15 19 05.5	+1.6
YKA	Yellowknife Ar	52.59	346	P	15 21 18.0	-1.4

NNC 24 15:30:37.0.5.6, 4007N:7182E, h0km, mb3.4, mpv2.9, Error ellipse: s-maj=57.3km s-min=31.3km az=14.0
 ISC 24 15:30:39.0.5.6, 4021N:03.716E.02, h8km, 16km, n8, c083/10, 3C-3D, Tajikistan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
AML	Almayashu	2.46	39	P	15 31 20.5	+1.0
UCH	Uchtor	2.95	47	P	15 31 26.8	+0.5
KK31	Karatay Array	2.99	344	Pn	15 31 30.9	-1.6
KK31				Pg	15 31 3	

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like 011A Cowboy Ranch, 008A Circle Bar Ran, 1008A Drewsey, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like AKASG Malin Array Be, AKASG Malatya, AKASG Malin Array Si, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like SBF Saint Sauge, CMBF La Chapelle, ESDC Sonseca Array, etc.

ADC 24 19:28:55.9, 0.6, 2.73N: 128.26E, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.2/22, mbtmp4.2/15, MS3.2/4, MS1 3.2/4, ms1mx2.9/26, Error ellipse: s-maj=36.5km s-min=12.5km az=83.0

BUI 24 19:28:57.4, 2.80N: 128.50E, h15km, mb4.5, mb4.5, NEIC 24 19:28:58.4, 0.201N: 126.46E, h15km, mb4.3/4, Error ellipse: s-maj=19.4km s-min=9.5km az=66.0

ISCJB 24 19:29:05.4, 3.6, 2.76N: 007.1283E, 0.1, h19km, 35km, mb4.2/20, Error ellipse: s-maj=23.1km s-min=10.0km az=161.5

DJA 24 19:29:05.254N: 128.01E, h33km, ML4.6/4, ISC 24 19:29:06.4, 3.1, 2.73N: 007.1283E, 0.1, h84km, 31km, n33, o594/31, mb4.2/20, Halmahera

Table with columns: Code, Station Name, Az, El, Dist, Type, and other parameters. Includes entries like BATI Baunata, BATI 1.4um, 0.3s, baz=335, slow=17, SNR=3.3, etc.

NIED 24 20:12:00, 2970N: 130.90E, h41km, Mw3.9 Best double couple: M1: 0.700000, 1.214, NP1=3.240 00000, 0.373 00000, LIA 24 20:12:15, 3.0, 2.967N: 003.13083E, 0.07, h68km, 5km, mb3.6/10, Error ellipse: s-maj=10.8km s-min=4.5km az=15.1

JMA 24 20:12:15.6, 0.1, 2.969N: 100.86E, h68km, 2km, M4.2, JMA Felt I J1, NEIC 24 20:12:16.8, 0.8, 2.965N: 130.73E, h64km, 8km, MG4.2(JMA), Error ellipse: s-maj=10.9km s-min=7.6km az=86.0

NEIC Recorded [1 JMA] on Yaku-shima, IDC 24 20:12:16.6, 1.4, 2.967N: 130.67E, h62km, 13km, mb3.5/10, LIA 24 20:12:37.1, mb1mx3.6/25, mbtmp3.6/14, MS2.9/3, Ms1 2.9/3, ms1mx2.7/20, Error ellipse: s-maj=22.1km s-min=8.0km az=105.0

ISC 24 20:12:16.5, 0.5, 2.967N: 003.13081E, 0.07, h61km, 6km, n30, o576/36, mb3.7/10, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Dist, Type, and other parameters. Includes entries like JNN Nakanoshima, 0.83 282 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kuchinoerabu, Tanegashima 3, Kikaishima, Amami Oshima, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CM31, CM31 Chiang Mai Arr, CM31 Pallekele, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AML, AML Almayashu, AML Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MK31, MK31 Makanchi Array, MK31 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YSS, YSS Yuzh-Sakhalins, STKA, STKA Stephens Creek, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MEX 24.1:26:35.8,0.5, 1568N-9670W, h7km,363km, MD4.1, Near coast of Oaxaca

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

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

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

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

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

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

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

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

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

ISCJB 24 22:58:26.6, 1.3, 342N:0.1:2666E:007, h33km, 14km, mb3.5/5, Error ellipse: s-maj=21.2km s-min=9.2km az=10.0

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tokmak 2, Yakutsk, Zalesovo Beam, Kurkchatov, Borovoye Array, etc.

ISC 25 00:55:53.4-8.3641N:71.14E, h188km, 40km, mb3.3/7, m1 3.4/11, mb1mx3.3/25, mbtmp3.4/11, Error ellipse: s-maj=38.9km s-min=21.6km az=174.0

ISC 25 00:55:56.4-0.3, 3656N:003:71.25E:0.05, h227km, 5km, mb3.4/8, Error ellipse: s-maj=6.6km s-min=4.4km az=170.3

BUI 25 00:55:56.0, 3675N:71.07E, h206km, mb4.2, MOS 25 00:55:57.0-0.9, 3664N:71.10E, h228km, mb3.9/1, Error ellipse: s-maj=18.0km s-min=11.8km az=88.0

NEIC 25 00:55:58.0-0.7, 3662N:71.13E, h223km, 10km, mb4.7/4, Error ellipse: s-maj=10.0km s-min=7.3km az=46.0

NNC 25 00:56:00.1-5.0, 3680N:71.09E, h211km, 56km, mb2.9, mpv4.2, Error ellipse: s-maj=46.7km s-min=26.1km az=16.0

ISC 25 00:55:57.3-0.3, 3658N:003:71.18E:0.05, h113km, 5km, n51, i1925/64, mb3.4/8, GC-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kabul, Cherat, Chirah Chowk, Thw Thamme Wali, Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Daman, Kakani, KKK, KKK, PKI, AB31, etc.

ISC 25 00:56:44.4-4.3, 3501N:76.05E, h0km, mb3.5/2, mb1 3.8/5, mb1mx3.5/24, mbtmp3.7/5, ML3.3/2, Error ellipse: s-maj=73.1km s-min=54.1km az=51.0, Eastern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AAK, MKAR, ZALV, SONM, YKA, etc.

ISC 25 01:59:51.4-3.0, 2077N:146.55E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/21, mbtmp3.8/7, MS3.7/1, Ms1 3.7/1, ms1mx2.6/40, az=79.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRSR, SONM, WRA, ASAR, AFAR, ZALV, MKAR, FINES, etc.

ISCJCB 25 02:15:04.1-5.4, 212S:05:169.1E:0.3, h13km, 35km, mb3.9/5, MS3.4/2, Error ellipse: s-maj=96.0km az=155.9

ISC 25 02:15:04.2-2.0, 2097S:169.01E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.9/15, mbtmp4.0/5, MS3.5/2, Ms1 3.5/2, ms1mx3.0/24, Error ellipse: s-maj=97.6km s-min=28.2km az=156.0

ISC 25 02:15:05.6-6.6, 213S:05:169.2E:0.2, h13km, 42km, n9, s0562/9, mb3.9/5, MS3.4/2, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, CTA, STKA, STKA, WRA, ASAR, NVAR, GERES, etc.

BUI 25 02:32:20.6, 41.110N:124.80W, h5km, mb5.5, mb5.2, Ms5.2, Ms4.9

ISC 25 02:32:24.5-0.6, 41.11N:124.68W, h0km, mb4.2/16, mb1 4.6/21, mb1mx4.5/29, mbtmp4.4/21, ML4.5/5, MS4.1/27, Ms1 4.1/27, ms1mx3.9/36, Error ellipse: s-maj=10.9km s-min=8.0km az=10.0

GCMT 25 02:32:24.6-0.3, 41.08N:124.87W, h22km, 1km, MW5.0/80, Moment Tensor Solution. s34, c46; s80, c120; Duration: 0. Moment tensor: Scale 10^19Nm; Mr=0.82; 18; Mw=4.05; 15; Ms=4.47; Mw=0.18; 23; Mw=1.15; 12; Mw=0.56; 22; Best double couple: M=4.63600e+10; NP1=128.00000; s85.00000; a3.00000; NP2=128.00000; s87.00000; a1.75.00000; Principal axes: T 5.0720, P1g6.0000, Azm83.0000; N -0.8720, P1g84.0000, Azm281.0000; P -4.1990, P1g2.0000; Azm173.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 25 02:32:24.6, 41.12N:124.82W, h3km, mb5.1/122, MS4.5/7, MW4.9(BRK), After NCEDEC

NEIC Felt [V] at Kneeland; [IV] at Blue Lake, Eureka, Ferndale, Fortuna, Leta, Leta, Petrolia and Sarna; [III] at Arcata, Bayview, Brandyville, Garberville, Hydenville, Klamath, Korbel, McKinleyville, Rio Dell, Trinidad and Whitethorn; [II] at Crescent City, Fort Bragg, Redway and Scotia; Also felt at Carolla, Hyampom, Leggett, Myers Flat, Redcrest, Santa Rosa, Willow Creek, Yuba City and in parts of the San Francisco Bay area. Felt [II] at Brookings, Oregon.

ISCJCB 25 02:32:25.1-0.5, 41.14N:001:124.68W:0.02, h12km, 3km, mb4.9/142, MS4.3/40, Error ellipse: s-maj=2.9km s-min=1.6km az=162.7

MOS 25 02:32:25.1-1.0, 41.11N:124.58W, h10km, mb5.1/51, MS4.4/12, Error ellipse: s-maj=4.8km s-min=4.6km az=82.6

ISC 25 02:32:28.6-0.5, 41.13N:001:124.70W:0.03, h26km, 3km, h25km, 3.7km, pp-P, n754, c1937/84, mb4.9/142, MS4.3/40, 191C-180D, Near coast of northern California

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Jacoby Creek, Red Mountain, Horse Mountain, Gresco City, Big Bar, Bosley Butte, Eel River Cons, Cave Junction, Callahan, Yreka Blue Hour, Yreka Blue Hour, Yreka Blue Hour, Cahto Peak, Sixes, Whiskeytown Da, Red Bluff, Edson Butte, Glendale, McCloud, Double R Ranch, Hull Mountain, Alder Springs, Macdoel, Alton Hollow, Klamath Falls, Umpqua, Hoiland, Hopland, Hat Creek REDI, Idejey Park, Chilquim, Lookout, McLaughlin Nat, Umpqua National, Chesnut, Oroville, Sutter Butte, Mapleton, Lakeview, OHCM, Eagle Lake Fie, Saint Helena R, Tandick Farm, Likely Place G, Winters, Summer Lake, Carmet Viney, Marconi Confer, Fort Rock, Modoc.

Table with columns for station code, name, coordinates, and other technical details. Includes stations like SFJD, BBSR, PETK, DAG, etc.

Table with columns for station code, name, coordinates, and other technical details. Includes stations like TCF, BGF, NVS, BRG, etc.

Table with columns for station code, name, coordinates, and other technical details. Includes stations like PVAQ, VIVF, GERES, ESCD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like LZH, AP, XP, SKS, etc.

MEX 25 02:40:56.2±0.5, 1584N-9701W, h14km±17km, MD3.5, Near east coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like HUIG, Vista Hermosa, OXX, etc.

NIED 25 02:45:00, 3620N-14090E, h77km, Mw3.6 Best double couple

couple: M2:770000*10^14 NP1:258.000000, 886.000000, -1.96.000000. NP2:133.000000, 67.000000, -1.35.000000.

ISCJB 25 02:45:30.0±0.6, 3619N-003.3:14096E, h10km, m18, mb3.5/4, Error ellipse: s-maj=8.7km s-min=4.9km az=162.2

IDC 25 02:45:29.6±0.5, 3616N-141.09E, h65km, 37km, mb3.4/4, mb1 3.5/6, mb1mx3.3/23, mbtrp3.4/6, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/14, Error ellipse: s-maj=4.7, 1km s-min=10.3km az=63.0

NEIC 25 02:45:31.6±0.1, 3620N-14086E, h71km, MG3.4(JMA), After JMA.

JMA 25 02:45:31.5±0.1, 3620N-14086E, h71km, 1km, MS.4 JMA Felt 1 J1.

ISC 25 02:45:31.1±0.6, 3619N-003.3:14094E, h10km, m18, n22, ±0.74/35, mb3.5/4, 2C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like CHOJ, Hitachi, Yasato, etc.

ISCJB 25 02:52:36.7±1.1, 1555S-01:733W, h123km, 12km, mb3.7/2, Error ellipse: s-maj=27.6km s-min=11.5km az=141.7

NEIC 25 02:52:38.0±1.1, 1520S-7303W, h108km, 13km, mb4.5/1, Error ellipse: s-maj=31.6km s-min=13.3km az=214.0

IDC 25 02:52:37.9±2.1, 1553S-7327W, h115km, 21km, mb3.6/2, mb1 3.4/5, mb1mx3.2/21, mbtrp3.3/5, Error ellipse: s-maj=46.5km s-min=19.6km az=48.0

ISC 25 02:52:37.8±1.0, 1555S-01:733W, h118km, 12km, n14, ±0.71/16, mb3.7/2, Southern Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ARE, Arequipa, NNA, etc.

RSPR 25 02:53:59.0, 1885N-6425W, h73km, 1km, MD3.5/12, MD3.5/12

NEIC 25 02:53:59.0, 1885N-6425W, h73km, MD3.5(RSPR), After RSPR.

ISC 25 02:53:58.4±2.0, 189N-03:643W, h72km±17km, n13, ±0.95/17, 9C-3D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

NEIC 25 02:59:25.7, 1905N-6434W, h61km, MD3.7(RSPR), After RSPR.

RSPR 25 02:59:25.7, 1905N-6434W, h61km, 1km, MD3.7/17, MD3.7/17

ISC 25 02:59:25.0±1.5, 190N-02:643W, h64km±20km, n18, ±0.47/26, 11C-6D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

NEIC 25 03:08:49.7, 1908N-6438W, h45km, MD3.4(RSPR), After RSPR.

RSPR 25 03:08:49.7, 1908N-6438W, h45km, 4km, MD3.4/10, MD3.4/10, 14C-12D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

NEIC 25 03:10:29.3, 1884N-6438W, h45km, MD3.2(RSPR), After RSPR.

RSPR 25 03:10:29.3, 1884N-6438W, h45km, 10km, MD3.0/4, MD3.0/4, 13C-11D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like STVI, Saint Thomas, etc.

NEIC 25 03:14:59.6, 1904N-6438W, h46km, MD3.3(RSPR), After RSPR.

RSPR 25 03:14:59.6, 1904N-6438W, h47km, 6km, MD3.3/9, MD3.3/9, 10C-15D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

RSPR 25 03:17:40.5, 1902N-6433W, h62km, 1km, MD3.0/6, MD3.0/6, 9C-3D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AVB, Anegada, etc.

DDA 25 03:54:41.5, 3691N-3592E, h1km, 1km, MD3.5, CSEM 25 03:54:42.6±0.1, 3698N-3587E, h10km, MD3.5, Error ellipse: s-maj=1.6km s-min=1.3km az=81.0

ISK 25 03:54:42.9, 3698N-3584E, h10km, MD3.5, ISCJB 25 03:54:43.1±0.5, 3699N-002.3:3586E, h9km, 4km, Error ellipse: s-maj=3.7km s-min=3.0km az=11.1

NSSC 25 03:54:43.6, 3699N-3585E, h15km, 8km, ISC 25 03:54:43.7±0.4, 3698N-002.3:3585E, h10km, 3km, n52, ±0.89/76, 4D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like CEYT, Ceyhan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CDAG Cicekad, KONT Konya-Tatoy, LADK Ladik-KONYA, etc.

ISC/JCB 25 03:59:33.4-0.3, 2303N-002.12146E-002, h27km, 2km, Error ellipse: s-maj=3.1km s-min=2.6km az=137.3

TAP 25 03:59:34.0, 2305N-121.35E, h33km, ML3.9

TAP Felt I J at Taimali, I J at Tuyuan, I J at Hungye, I J at Pingling, I J at Lidau, I J at Chenggung.

JMA 25 03:59:35.1-0.3, 2310N-121.51E, h102km, M3.4

ISC 25 03:59:33.8-0.3, 2303N-002.12143E-002, h26km, 2km, n72, c104/119, 11C-70, Taiwan

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKT Chengkung, TWFI Yuli, TWT Taitung, etc.

NEIC 25 04:02:42.4-2.0, 807S-6817E, h10km, Error ellipse: s-maj=22.1km s-min=20.1km az=122.0

ISC 25 04:02:42.7-0.9, 808S-6818E, h0km, mb3.9, mb1 4.0/6, mb1mx3.6/23, mbtmt3.9/6, MS3.7/15, Ms1 3.7/15, ms1mx3.5/30, Error ellipse: s-maj=27.8km s-min=26.3km az=102.0, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI Prapat, LSZ Lusaka, BOSA Boshof, MIL Elat, etc.

IDC 25 04:13:38.9-1.1, 4079N-2405E, h0km, mb3.5/8, mb1 3.7/13, mb1mx3.6/23, mbtmt3.6/13, ML3.4/5, MS2.9/2, Ms1 2.9/2, ms1mx2.3/29, Error ellipse: s-maj=20.6km s-min=14.3km az=1.0

ISC/JCB 25 04:13:39.8-0.4, 4087N-202.2385E-002, h9km, 3km, mb3.6/6, Error ellipse: s-maj=2.9km s-min=2.4km az=30.1

MOS 25 04:13:40.9-0.8, 4086N-2387E, h25km, mb4.2/1, Error ellipse: s-maj=7.1km s-min=4.5km az=86.0

ATH 25 04:13:40.1, 4086N-2392E, h24km, 1km, MD4.0/18

SOF 25 04:13:41.4, 4092N-2382E, h15km, MD3.8

CSEM 25 04:13:41.1, 4088N-2389E, h20km, ML4.3, Error ellipse: s-maj=1.3km s-min=1.0km az=175.0

THE 25 04:13:41.1, 4086N-2385E, h14km, ML4.3

NEIC 25 04:13:41.1, 4086N-2385E, h11km, MD4.0(ATH), ML4.3(ATH), After THE

BEO 25 04:13:42.1, 4105N-2406E, h10km, 2km, ML4.1/9

SKO 25 04:13:42.6, 4081N-2373E, h7km

ISC 25 04:13:40.3-0.3, 4086N-201.2387E-002, h2km, 3km, n167, c152/188, mb3.6/6, 17C-21D, Greece

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOH Sokhos, NVR Nevropoki, OLG Ouranopolis, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEK Kerkira, RLS Riolos of Patr, BTK Tokmak, etc.

ISC/JCB 25 04:31:34.8-0.5, 4087N-002.2380E-003, h13km, Error ellipse: s-maj=3.9km s-min=3.3km az=21.1

CSEM 25 04:31:35.7-0.1, 4087N-2380E, h20km, ML2.6, Error ellipse: s-maj=2.0km s-min=1.7km az=120.0

SOF 25 04:31:35.2, 4091N-2386E, h2km, MD2.8

THE 25 04:31:35.8, 4084N-2378E, h13km, ML2.6

SKO 25 04:31:37.6, 4083N-2387E, h17km

ISC 25 04:31:35.1-0.5, 4086N-002.2384E-004, h2km, 8km, n24, c090/37, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SRS Serrai, SRS Serrai, SOH Sokhos, etc.

25d 5h

2007 JUN

Table with columns for flight codes (e.g., SNY, HHC, SHL), destinations (e.g., comp=N,1j,m,19.2s,MS4.8), times, and status indicators (e.g., LR, LR, eP, P).

Table with columns for flight codes (e.g., WMQ, NDI, NRG, CLNS), destinations (e.g., comp=Z,43nm,1.5s,mb5.3), times, and status indicators (e.g., AMB, AMB, LR, LR).

Table with columns for flight codes (e.g., SOKR, CASY, RDF, MIB), destinations (e.g., comp=Z,880nm,22.0s,MS5.0), times, and status indicators (e.g., MLR, MLR, eP, P).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KECS, DAG, HFS, NOA, GSPA, CLL, YKA, GERES, NVAR, ANMO, TORD, TBXAR, PLCA, ROSC, CPUP, LPAZ, BDFB.

ISCBJ 25 05:42:47.6:0.5, 3764N.002:2208E:003, h3km, g6km, Error ellipse: s-maj=3.0km s-min=2.9km az=165.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLX, ITM, RLS, RLS, RLS, LTK, PVL, DID, DID, NAIG, VLI, EVR, ATH, VLS, VLS, VLS, KVR, AGG, AGG, PTH, LKD, NEO, XOR, THL, AOS, KEK.

ISCBJ 25 05:59:20.7:1.5, 221S:03x1798W:02, h600km, mb4.0/10, Error ellipse: s-maj=46.8km s-min=17.9km az=146.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA, CTA, CTA, STKA, ASAR, WB2, WB2, WRAB, WRA, FITZ, FITZ, MJAR, KSR5.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK, TXAR, AKASA, CLL, BRG, GERES.

ISCBJ 25 06:06:20.6:1.5, 73S:02:1558E:04, h30km, mb3.9/8, Error ellipse: s-maj=53.0km s-min=16.5km az=16.8

NEIC 25 06:06:22.1: 1.4, 727S:1558E, Error ellipse: s-maj=49.4km s-min=15.2km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, STKA, PETK, RKT, SONM, MK31, MKAR, MKAR, MKAR, MAW, ZALV, ZALV, ZALV.

IDC 25 06:15:11.5:4.3, 475S:15322E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.9/15, mbmtpp3.9/5, Error ellipse: s-maj=150.4km s-min=27.0km az=108.0, New Ireland region

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

IDC 25 06:24:48.0:1.3, 333S:13781E, h0km, mb4.4/5, mb1 4.7/9, mb1mx4.4/15, mbmtpp4.6/9, ML4.7/4, Error ellipse: s-maj=36.9km s-min=24.4km az=81.0

ISCBJ 25 06:24:55.7:1.2, 374S:006:13761E:007, h52km, 15km, mb4.7/7, Error ellipse: s-maj=10.9km s-min=9.3km az=167.7

DJA 25 06:24:55.329S:13758E, h33km, ML5.4/3, Error ellipse: s-maj=27.4km s-min=20.4km az=198.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY, MMPI, SWI, KAKA, KAKA, COEN, COEN, COEN, BATI, WRAB, CTA, CTA, FITZ, FITZ, FITZ, ASAR, STKA, STKA, FORT, TPI, KLBR, NWAO, MKAR, VVDA, MAW, LPAZ.

ISCBJ 25 06:34:52.6:0.3, 3889N.002:2059E:003, h10km, mb3.9/8, Error ellipse: s-maj=3.8km s-min=2.2km az=141.1

NEIC 25 06:34:52.5, 3893N:2060E, h11km, MD3.9/17, ML3.8(PDG), ML4.4(TH), After ATH.

ATH 25 06:34:52.5, 3893N:2060E, h11km, 1km, MD3.9/18, PDG 25 06:34:53.7:0.5, 3896N:2065E, h9km, 1km, ML3.8/10, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

CSEM 25 06:34:53.5:0.1, 3897N:2059E, h4km, 1km, MD3.9, Error ellipse: s-maj=2.0km s-min=1.2km az=63.0

THE 25 06:34:54.1, 3866N:2066E, h3km, ML4.4, SKO 25 06:34:55.9, 3900N:2062E, h11km

IDC 25 06:34:55.7:3.4, 3905N:2049E, h35km, 30km, mb3.7/8, Mb1 3.8/11, mb1mx3.6/28, mbmtpp3.7/11, ML3.7/3, MS2.9/3, Ms1 2.9/3, Ms1mx2.6/44, Error ellipse: s-maj=21.2km s-min=18.3km az=95.0

ISC 25 06:34:53.9:0.3, 3890N.002:2063E:003, h10km, n115, a1935/146, mb3.9/8, 10C-8D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKD, IGT, VLS, EVR, MEV, KEK, RLS, SRN, SRN, THL, AGG, KZN, KBN, MKR, LIT, LIT, FNA, ITH, KOR, NEO, PVL, BIA, BIA, OHR, OHR, OHR, OHR, DID, KRUS, TIR, TIR, NAIG, KYR, HORT, HORT, PAIG, ATH, PLG, PLG, PTL, PTL, QSH, KVR, PVP, PVP, VAY, VAY, SOH, KNT, OUR, STIP, PEI, SRS, PUK, PUK, KYTH, KYTH, ULC, ULC, NVR, BCI, BCI, SG1, BUM, BUM, LIA, LIA, PDG, PDG, TTG, PTV, PTV, PLY, HCY, BEY, IVA, IVA, NKY, APE, APE, BRY, UPN, UPN, UPM, PLE, PLE, STON, STON, STON, ALN, ALN, IDI, IDI, IDI, IDI, IDI, VAE, VAE, VOIR, MLR, MLR, MLR, MLR, MLR, PLO, PLO, VRI, VRI.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like VOY, VOJSKO, GERES, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like FINES, EKA, NB2, NOA, etc.

NEIC 25 06:57:58.2, 1858N-6435W, h77km, MD3.5(RSPR), After RSPR. RSPR 25 06:57:58.2, 1858N-6435W, h77km, MD3.5/12, MD3.5/12, 10C-3P, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ABV, TBVI, STVI, etc.

ATH 25 06:59:20.6, 3892N-2056E, h31km, MD3, MD3.4/7. NEIC 25 06:59:20.6, 3892N-2056E, h31km, MD3.4(ATH), After ATH. SKO 25 06:59:21.7, 3893N-2061E, h0km. CSEM 25 06:59:21.2, 0.1, 3893N-2053E, h24km, 1km, MD3.3, Error ellipse: s-maj=3.2km s-min=1.9km az=86.0. ISCJB 25 06:59:21.1, 0.7, 3892N-003-2053E-006, h20km, 6km, Error ellipse: s-maj=8.3km s-min=4.9km az=1.1. THL 25 06:59:21.4, 3898N-2059E, h9km, MD3.3. ISC 25 06:59:21.0, 0.6, 3894N-002-2060E-005, h16km, 4km, n20, e110/32, Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LKD, IGT, JAN, etc.

GII 25 07:04:18.5, 0.0, 2827N-3473E, h0km, 1km, ML2.9/2. ISCJB 25 07:04:25.2, 0.4, 2868N-004-3480E-007, h10km, Error ellipse: s-maj=9.0km s-min=5.8km az=167.9. SGS 25 07:04:25.1, 2871N-3480E, h10km. CSEM 25 07:04:25.1, 2871N-3480E, h10km, ML3.1, After SNSN. ISC 25 07:04:25.2, 1.2, 2871N-004-3475E-008, h6km, 8km, n15, e055/20, Egypt

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like RSHS, HOLS, HOLS, etc.

GII 25 07:18:05.0, 1.4, 2849N-3500E, h0km, 7km, ML3, 8/3. ISCJB 25 07:18:09.0, 1.1, 2869N-004-3476E-008, h4km, 9km, Error ellipse: s-maj=11.7km s-min=6.0km az=165.2. CSEM 25 07:18:08.6, 0.3, 2871N-3480E, h2km, ML3.2, Error ellipse: s-maj=11.9km s-min=4.6km az=93.0. SGS 25 07:18:08.8, 2874N-3477E, h9km. ISC 25 07:18:09.6, 1.1, 2869N-004-3477E-008, h7km, 8km, n15,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like RSHS, HOLS, HOLS, etc.

CSEM 25 07:30:54.7, 0.1, 3883N-2026E, h25km, mb3.9/7, Error ellipse: s-maj=2.8km s-min=1.3km az=52.0. TIR 25 07:30:54.9, 0.8, 3914N-1897E, h6km, 11km. NEIC 25 07:30:55.2, 3895N-2056E, h15km, MD4.1(ATH), ML4.1(PDG), ML4.6(TH), After ATH. ISCJB 25 07:30:55.1, 0.4, 3898N-002-2048E-003, h23km, 3km, mb4.1/20, MS3.2/4, Error ellipse: s-maj=4.0km s-min=2.3km az=146.1. ATH 25 07:30:55.2, 3895N-2056E, h15km, 2km, MD4.1/21. HJV 25 07:30:56.3, 3929N-2150E, h33km, Mb3.8. MOS 25 07:30:56.6, 1.1, 3892N-2045E, h40km, mb4.3/13, Error ellipse: s-maj=6.9km s-min=3.9km az=79.4. THE 25 07:30:56.6, 3894N-2065E, h3km, ML4.6. PDG 25 07:30:56.0, 0.3, 3896N-2046E, h16km, MD4.2/1, ML4.1/10, Error ellipse: s-maj=0.6km s-min=0.9km az=0.0. SKO 25 07:30:57.6, 3906N-2056E, h0km. IDC 25 07:30:59.6, 1.7, 3905N-2071E, h39km, 15km, mb3.9/13, mb1.3, 9/22, mb1mx3, 8/36, mbmtpp3, 9/22, ML4.1, 1/9, MS3.2/9, Ms1.3, 2/9, ms1mx3, 0/36, Error ellipse: s-maj=13.4km s-min=13.1km az=16.0.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LKD, IGT, VLS, etc.

ISC 25 07:30:56.2, 0.4, 3890N-002-2055E-003, h15km, 2km, n198, e1930/233, mb4.1/20, MS3.2/4, 20C-30D, Greece. Includes stations like LKD, IGT, VLS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KJAN, KFOR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KYTH, BUM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ANOYIA, VAE, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like HARR, DRGR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PSZ, BURAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KEST, PGF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GERES, GERES, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DAVOX, DAVOX, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KHC, LMR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LPLG, CABF, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Whakapapa, Tukino, Far West T-bar, etc.

MAN 25 13:16:53, 1517N:12199E, h5km, mb4.2, ML3.0, MS2.7, 3C-2D, Luzon

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

MOS 25 13:18:55.6:0.9, 5177N:17358W, h33km, mb5.3/89, MS4.18, Error ellipse: s-maj=9.7km s-min=7.7km

ISCJJB 25 13:18:55.6:0.6, 5167N:003:17353W:002, h35km, 4km, mb5.1/209, MS4.4/50, Error ellipse: s-maj=5.7km

IDC 25 13:18:56.7:2.4, 5164N:17348W, h33km, 17km, mb4.8/29, mb1.4/8/30, mb1mx4.8/33, mbtmp4.8/30, ML4.7/1, MS4.3/23, Mb1.4/3/23, ms1mx4.1/40, Error ellipse: s-maj=15.3km

SZGRF 25 13:18:57.1, 5158N:17449W, h45km, mb5.1, MS4.4, Andreanof Islands, Aleutian Islands, United States

DJA 25 13:18:58.17472W, h10km, mb5.3/9, NEIC 25 13:18:58.3:0.1, 5170N:17351W, mb5.1/127, ML4.7(AEIC), Error ellipse: s-maj=4.3km s-min=1.9km

GCMT 25 13:18:58.3:0.3, 5147N:17349W, h25km, MW5.2/76, Moment Tensor Solution. s52.670; s76.c119; Duration: 0

Mos-4.96±.18; Mos-0.06±.15; Ms3.76±.34; Mb2-.28±.11; Mb2.23±.34; Best double couple: M7.04800/0.1016 NP1.256.00000°, s26.00000°, λ104.00000°. NP2: 0.61.00000°, δ65.00000°, λ83.00000°. Principal axes: T

ISC 25 13:18:58.5:0.5, 5171N:003:17355W:002, h45km, 4km, h43km, 4km; p-P, N909, o574/908, mb5.1/209, MS4.4/50, 126C-96D, Andreanof Islands

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

Table with columns: Code, Station Name, Time, Res. Includes stations like PET, PET, IMAT, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like B07A, G04A, M00A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like M05C Lookout, G4SB Alder Springs, J07A Hines, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like F14A Wisdom, K11A Parker Ranch, CMB Parker Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Q11A Duckwater, HVU Hanse Valley, GRAC Grapevine Rang, etc.

S15A	baz=44	Pangutich	44.41	83	↑P	P	13 27 04.0	-0.4
PFO	baz=44	Pinyon Flat Ob	44.49	91	P	Pmax	13 27 07.2	+2.1
PFO	comp=Z,22nm,1.2s,mb4.8	Pinyon Flat Ob	44.49	91	↓P	P	13 27 04.2	-1.0
PFO	baz=44	Pinyon Flat Ob	44.49	91	↑P	P	13 27 05.8	+0.7
PFO	baz=44	Pinyon Flat Ob	44.49	91	↓P	P	13 27 17.6	-0.5
BELC	baz=44	Belle Mtn.	44.51	90	↑P	P	13 27 04.6	-0.8
V13A	baz=44,SNR=6.0	Grand Canyon W	44.56	87	↓P	P	13 27 05.9	+0.2
SRU	baz=44	San Rafael	44.65	81	↑P	P	13 27 06.9	+0.5
U14A	baz=44	Mt Trumbull	44.69	85	↑P	P	13 27 06.5	-0.2
T15A	baz=44	Red Dirt Ranch	44.81	84	↑P	P	13 27 07.5	-0.2
IRM	baz=45	Iron Mountain	44.93	89	↓P	P	13 27 07.9	-0.8
BAR	baz=45	Barrett	44.97	92	↑P	P	13 27 09.0	0.0
BAR	comp=Z,20nm,1.0s,mb4.9	Yucca	44.97	92	↑P	P	13 27 21.3	-0.1
MONP	baz=45	Monument Peak	44.99	92	↑P	P	13 27 08.7	-0.5
BC3	baz=45	Big Chuckw Mtn	45.08	90	↓P	P	13 27 08.7	-1.1
W13A	baz=45	Hualapai Mount	45.10	87	↑P	P	13 27 09.5	-0.5
RWWY	baz=45	Rawlins	45.11	76	↑P	P	13 27 09.6	-0.4
U15A	baz=45,SNR=19	North Rim	45.24	85	↑P	P	13 27 11.6	+0.6
V14A	baz=45,SNR=11	Boquillas Ranc	45.26	86	↑P	P	13 27 11.4	+0.3
PDMCI	baz=45,SNR=11	Parker Dam,Lak	45.47	88	↑P	P	13 27 11.8	-1.1
X13A	baz=45	Yucca	45.47	88	↑P	P	13 27 11.9	-1.1
W14A	baz=45	Seligman	45.53	87	↓P	P	13 27 13.1	-0.2
RSSD	baz=45	Black Hills	45.58	71	↑P	P	13 27 13.4	-0.3
Y12C	baz=45	Blythe	45.59	89	↑P	P	13 27 13.6	-0.3
V15A	baz=46,SNR=13	Kaibab Natona	45.70	85	↑P	P	13 27 15.2	+0.4
GLA	baz=46	Glamis	45.87	90	↑P	P	13 27 15.8	-0.3
GLA	comp=Z,24nm,1.2s,mb5.0	Glamis	45.87	90	↑P	P	13 27 28.4	-0.1
GLA	comp=Z,24nm,1.2s,mb5.0	Glamis	45.87	90	↑P	P	13 27 16.2	+0.1
GLA	comp=Z,24nm,1.2s,mb5.0	Glamis	45.87	90	↑P	P	13 27 15.8	-0.4
GLA	comp=Z,24nm,1.2s,mb5.0	Glamis	45.87	90	↑P	P	13 27 28.4	-0.1
DL2	DL2	Dalian	45.88	280	↑P	P	13 27 28.4	-0.1
DL2	DL2	Dalian	45.88	280	↑P	P	13 27 29.3	+0.8
DL2	DL2	Dalian	45.88	280	↑P	P	13 33 56.3	-0.7
DL2	comp=Z,50nm,0.8s,mb5.5	Dalian	45.88	280	↑P	P	13 27 28.4	-0.1
DL2	comp=Z,120nm,5.4s	Dalian	45.88	280	↑P	P	13 27 28.4	-0.1
DL2	comp=N,200nm,18.1s,MS4.2	Dalian	45.88	280	↑P	P	13 27 28.4	-0.1
DL2	comp=E,120nm,16.4s,MS4.2	Dalian	45.88	280	↑P	P	13 27 28.4	-0.1
W15A	comp=Z,220nm,18.2s,MS4.1	Williams	46.06	86	↑P	P	13 27 17.1	-0.5
X14A	baz=46	Yava	46.14	87	↑P	P	13 27 18.0	-0.2
U17A	baz=46,SNR=9.7	Shonto	46.14	83	↑P	P	13 27 18.1	-0.1
U16A	baz=46	Tuba City	46.14	84	↑P	P	13 27 18.1	-0.1
PHWY	baz=46	Pilot Hill	46.40	75	↑P	P	13 27 20.1	-0.1
PHWY	baz=46	Pilot Hill	46.40	75	↑P	P	13 27 32.0	-0.6
Y14A	baz=46	Wickenburg	46.41	88	↑P	P	13 27 19.8	-0.5
X15A	baz=46	Humboldt	46.53	87	↑P	P	13 27 20.8	-0.5
W16A	baz=46	Lagstaff	46.57	86	↓P	P	13 27 21.1	-0.4
ULM	baz=46	Lac du Bonnet	46.73	59	↑P	P	13 27 21.1	-1.5
ULM	comp=Z,7.0nm,0.3s,mb5.0,comp=Z,306,slow=7.9,SNR=23	Lac du Bonnet	46.73	59	↑P	P	13 46 38.6	
U18A	comp=Z,405nm,18.4s,MS4.4,comp=Z,76,slow=36	Rough Rock, Ch	46.74	83	↓P	P	13 27 22.6	-0.3
SMCO	baz=47	Snowmass	46.78	78	↑P	P	13 27 23.0	-0.2
Y15A	baz=47	Casa Rosa Ranc	46.82	87	↑P	P	13 27 23.6	0.0
X16A	baz=47	Lo Mia Camp, P	47.07	86	↓P	P	13 27 25.3	-0.2
MVCO	baz=47	Mesa Verde	47.08	81	↑P	P	13 27 25.0	-0.5
MVCO	baz=47	Mesa Verde	47.08	81	↑P	P	13 27 25.2	-0.3
ISCO	baz=47	Idaho Springs	47.22	77	↑P	P	13 27 27.5	+0.9
ISCO	comp=Z,3.0nm,0.9s,mb4.2	Idaho Springs	47.22	77	↑P	P	13 27 26.5	-0.1
ISCO	comp=Z,3.0nm,0.9s,mb4.2	Idaho Springs	47.22	77	↑P	P	13 27 39.3	+0.3
Y16A	baz=47	Circle Bar Ran	47.40	87	↑P	P	13 27 27.6	-0.5
W18A	baz=48	Petrified Fore	47.67	84	↑P	P	13 27 30.0	-0.1
Y19A	baz=48	Window Rock	47.71	83	↓P	P	13 27 29.8	-0.6
115A	baz=48	Sonoran Desert	47.72	89	↑P	P	13 27 30.3	-0.3
AGMM	baz=48	Agassiz Refuge	47.83	62	↑P	P	13 27 30.8	-0.5
214A	comp=Z,40nm,0.5s,mb5.5	Organ Pipe Nat	47.87	90	↓P	P	13 27 30.9	-0.8
Y17A	baz=48	Roosevelt	47.92	87	↑P	P	13 27 31.1	-1.0
X18A	baz=48	Snowflake	47.92	85	↑P	P	13 27 30.7	-1.4
IRK	baz=48	Irkutsk	47.98	305	↑P	P	13 27 31.6	-0.7
IRK	comp=Z,41nm,0.8s,mb5.5	Irkutsk	47.98	305	↑P	P	13 27 44.5	-0.3
IRK	comp=Z,41nm,0.8s,mb5.5	Irkutsk	47.98	305	↑P	P	13 27 35.6	+0.1
Y18A	baz=48	Canyon Day Jun	48.37	86	↑P	P	13 27 36.2	+0.4
X19A	baz=48	St. Johns	48.40	85	↓P	P	13 27 36.0	+0.1
Z17A	baz=48	San Carlos Hig	48.42	87	↓P	P	13 27 37.3	+0.9
BJI	baz=48	Beijing	48.48	285	↑P	P	13 29 02.5	+0.7
BJI	comp=Z,30nm,0.8s,mb5.4	Beijing	48.48	285	↑P	P	13 29 29.0	-0.1
BJI	comp=Z,265nm,5.3s	Beijing	48.48	285	↑P	P	13 34 26.0	-8.1
BJI	comp=N,733nm,21.5s,MS4.7	Beijing	48.48	285	↑P	P	13 27 37.7	+1.2
BJI	comp=E,392nm,23.5s,MS4.7	Beijing	48.48	285	↑P	P	13 27 37.7	+1.2
BJT	comp=Z,811nm,22.9s,MS4.7	Baijiatau	48.50	285	↑P	P	13 27 37.4	+0.3
BJT	comp=Z,18nm,0.6s	Baijiatau	48.50	285	↑P	P	13 27 30.0	+0.4
BJT	comp=Z,18nm,0.6s,mb5.3	Baijiatau	48.50	285	↑P	P	13 27 37.7	+1.2
SDCO	comp=Z,21nm,0.7s,mb5.3	Great Sand Dun	48.58	79	↑P	P	13 27 37.4	+0.3
SDCO	comp=Z,18nm,0.6s,mb5.3	Great Sand Dun	48.58	79	↑P	P	13 27 36.0	+0.1
TLY	comp=Z,21nm,0.7s,mb5.3	Talaya	48.62	305	↑P	P	13 27 37.6	+0.5
TLY	comp=Z,21nm,0.7s,mb5.3	Talaya	48.62	305	↑P	P	13 29 26.7	
TLY	comp=Z,375nm,20.0s,MS4.4	Talaya	48.62	305	↑P	P	13 27 37.6	+0.3
Y19A	comp=Z,22nm,0.7s,mb5.3	Nutroso	48.73	85	↓P	P	13 27 37.7	-0.6
117A	baz=49	Oracle	48.74	88	↑P	P	13 27 37.9	-0.5
TUC	baz=49	Tucson	48.89	88	↑P	P	13 27 38.8	-0.8
TUC	comp=Z,13nm,1.1s,mb4.9	Tucson	48.89	88	↑P	P	13 27 51.5	-0.6
TUC	comp=Z,13nm,1.1s,mb4.9	Tucson	48.89	88	↑P	P	13 27 38.8	-0.7

TUC	comp=Z,13nm,1.1s,mb4.9	Homack Ranch,	49.17	87	↑P	P	13 27 51.5	-0.6
118A	baz=49,SNR=7.5	Green Valley	49.23	88	↓P	P	13 27 41.6	-0.1
217A	baz=49	Songino Array	49.40	299	↑P	P	13 27 40.7	-1.5
SONM	comp=Z,2.6nm,0.6s,mb4.9,slow=10,SNR=117	Songino Array	49.40	299	↑P	P	13 27 44.1	+0.9
SONM	comp=Z,2.6nm,0.6s,mb4.9,slow=10,SNR=117	Songino Array	49.40	299	↑P	P	13 29 06.5	+1.5
SONM	comp=Z,2.6nm,0.6s,mb4.9,slow=10,SNR=117	Songino Array	49.40	299	↑P	P	13 32 56.9	+0.6
SONM	comp=Z,1.2nm,0.9s,mb4.9,slow=32,SNR=4.1	Songino Array	49.40	299	↑P	P	13 49 26.3	
SONM	comp=Z,812nm,19.8s,MS4.7,comp=Z,49,slow=37	Songino Array	49.40	299	↑P	P	13 27 44.1	+0.9
SONM	comp=Z,812nm,19.8s,MS4.7,comp=Z,49,slow=37	Songino Array	49.40	299	↑P	P	13 29 06.5	
119A	baz=49	Ashpeck Ranch,	49.50	86	↓P	P	13 27 44.1	-0.2
ZAK	baz=49	Zakamensk	49.56	303	↑P	P	13 27 44.4	0.0
ZAK	comp=Z,11nm,1.3s,mb4.7	Zakamensk	49.56	303	↑P	P	13 29 06.1	
ZAK	comp=Z,11nm,1.3s,mb4.7	Zakamensk	49.56	303	↑P	P	13 27 43.6	-1.2
218A	comp=Z,11nm,1.3s,mb4.7	Zakamensk	49.56	303	↑P	P	13 27 48.8	+2.3
ANMO	comp=Z,12nm,1.1s	Albuquerque	49.80	82	↑P	P	13 27 47.0	+0.5
ANMO	comp=Z,12nm,1.1s	Albuquerque	49.80	82	↑P	P	13 27 58.9	+0.2
318A	baz=50,SNR=6.3	Bisbee	49.97	88	↑P	P	13 27 46.6	-1.2
219A	baz=50,SNR=6.3	White Tail Can	50.05	87	↑P	P	13 27 48.2	-0.2
ECSD	comp=Z,33nm,1.1s,mb5.3	EROS, Sioux Fal	50.12	67	↑P	P	13 27 47.5	-1.2
EYMN	comp=Z,26nm,1.0s,mb5.2	Ely	50.41	60	↑P	P	13 27 50.2	-0.7
EYMN	comp=Z,26nm,1.0s,mb5.2	Ely	50.41	60	↑P	P	13 28 03.3	-0.1
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 27 52.5	-0.9
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 28 05.3	-0.6
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 28 10.5	-0.7
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 29 10.0	0.0
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 33 01.0	-1.2
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 33 05.5	-1.8
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 35 16.5	
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 35 23.0	-3.2
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 37 36.0	-4.0
HHC	comp=Z,198nm,8.3s	Hu-ho-hao-te	50.72	289	↑P	P	13 38 33.0	-6.6
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 28 05.3	-0.6
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 29 10.0	0.0
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 33 01.0	-1.2
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 33 05.5	-1.8
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 35 16.5	
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 35 23.0	-3.2
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 37 36.0	-4.0
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 38 33.0	-6.6
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 28 05.3	-0.6
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 29 10.0	0.0
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 33 01.0	-1.2
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 33 05.5	-1.8
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 35 16.5	
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 35 23.0	-3.2
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 37 36.0	-4.0
HHC	comp=Z,28nm,0.7s,mb5.3	Hu-ho-hao-te	50.72	289	↑P	P	13 38 33.0	-6.6
HHC	comp=Z,28nm,0.							

Table with columns: JOF, Joensuu, 64.05 348 ep, P, 13 29 25.8 -1.1, etc. Lists various stations and their frequencies.

Table with columns: WORD, comp=N,20nm,0.8s, pmax, pmax, 13 30 31.3 +1.4, etc. Lists various stations and their frequencies.

Table with columns: GRF, comp=Z,36nm,0.6s,mb5.5, pmax, pmax, 13 30 31.3 +1.4, etc. Lists various stations and their frequencies.

25d 13h

Table with columns for flight number, origin, destination, time, status, and price. Includes flights like ASAR Alice Springs, CNP Cataman, KTMG Kuala Trenggan, etc.

2007 JUN

Table with columns for flight number, origin, destination, time, status, and price. Includes flights like GYA XS, GYA SCS, GYA AMB, etc.

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Table with columns for flight number, origin, destination, time, status, and price. Includes flights like MJAR comp=Z,52nm,1.0s,mb4.8, etc.

GERES	comp=Z,4.4nm,1.0s,baz=91,slow=6.7,SNR=6.7	PP	PP	13 51 35.3 -2.3
GERES	comp=Z,0.9nm,0.6s,baz=274,slow=2.1,SNR=10.0	PKKPbc	PKKPbc	14 02 41.0 -0.5
KHC	Kasperke Hory	PP	PP	13 51 32.5 -5.4
CLL	Collm	ePKIKP	ePKIKP	13 51 20.0 +0.5
CLL		ePP	PP	13 51 41.0 +2.6
NKC	Novy Kostel	107.15 320 ePP	PP	13 51 41.1 -1.0
MOX	Hinterfall	106.62 321 ePKP	PKIKP	13 51 21.3 0.0
HNF		111.20 318 ePKP1	PKIKP	13 51 27.3 -0.9
HAU	Haudoupre	111.50 319 ePKP1	PKIKP	13 51 28.2 -0.5
SBF	Sospel	111.55 314 ePKP1	PKIKP	13 51 28.5 -0.5
LPG	La Plagne	111.73 316 ePKP1	PKIKP	13 51 29.4 +0.2
LPL	La Plagne	111.74 316 ePKP1	PKIKP	13 51 29.4 +0.1
MBDF	Montbardon	111.86 315 ePKP1	PKIKP	13 51 29.3 -0.2
CABF	La Chapelle	111.96 317 ePKP1	PKIKP	13 51 29.5 -0.1
GIVF	Givét	111.98 321 ePKP1	PKIKP	13 51 29.7 +0.1
LMR	La Moure	112.31 314 ePKP1	PKIKP	13 51 30.2 -0.2
BAIF	Baives	112.38 321 ePKP1	PKIKP	13 51 29.6 -0.7
ORIF	Oris-en-Rattie	112.45 315 ePKP1	PKIKP	13 51 30.3 +0.3
SMRF	Simiane-la-Rot	112.85 314 ePKP1	PKIKP	13 51 31.6 +0.2
YKA	Yellowknife Ar	112.94 24 PKKPbc	PKKPbc	14 02 19.0 -2.4
YKA	Yellowknife Ar	112.94 24 / PKIKP	PKIKP	13 51 30.2 -0.8
LOR	Lormes	113.30 318 ePKP1	PKIKP	13 51 32.0 -0.2
VIVF	Saint-Julien-I	113.30 315 ePKP1	PKIKP	13 51 32.0 -0.3
NLWA	Nellott Lookou	113.57 42 ePKP1	PKIKP	13 51 33.2 +0.5
SSF	Saint Saule	113.59 318 ePKP1	PKIKP	13 51 32.5 -0.2
B04A	Port Angeles	113.64 41 ePKP1	PKIKP	13 51 33.3 +0.5
D03A	Wishkah Leir	113.70 42 ePKP1	PKIKP	13 51 33.6 +0.6
AVF	Abrill sur Loir	113.75 318 ePKP1	PKIKP	13 51 32.4 -0.7
E03A	Lebam	113.98 42 ePKP1	PKIKP	13 51 34.1 +0.6
HDW	Hoodsport	114.03 41 ePKP1	PKIKP	13 51 34.8 +1.2
LASF	Ste Croix	114.04 315 ePKP1	PKIKP	13 51 33.6 +0.1
C04A	Brinnon	114.07 41 ePKP1	PKIKP	13 51 34.4 +0.8
F03A	Seaside	114.13 43 ePKP1	PKIKP	13 51 34.6 +0.7
B01A	Bois d'Agland	114.15 318 ePKP1	PKIKP	13 51 33.7 -0.1
KG1	Sixes	114.20 47 ePKP1	PKIKP	13 51 34.7 +0.7
A05A	Maple Falls	114.28 40 ePKP1	PKIKP	13 51 34.3 +0.3
I02A	Mapleton	114.40 45 ePKP1	PKIKP	13 51 34.7 +0.3
B05A	Bryant	114.49 40 ePKP1	PKIKP	13 51 34.8 +0.3
H03A	Soap Creek Ran	114.62 44 ePKP1	PKIKP	13 51 34.8 0.0
TCF	Toult Ste Croi	114.64 317 ePKP1	PKIKP	13 51 34.6 -0.2
J02A	Umpqua	114.72 46 ePKP1	PKIKP	13 51 35.3 +0.2
I03A	Eugene	114.80 45 ePKP1	PKIKP	13 51 35.3 +0.2
B06A	Marblemount	114.81 40 ePKP1	PKIKP	13 51 35.4 +0.4
RPW	Rockport	114.81 40 ePKP1	PKIKP	13 51 35.0 0.0
D05A	Enumclaw	114.86 41 ePKP1	PKIKP	13 51 35.8 +0.6
F04A	Ambow	114.90 43 ePKP1	PKIKP	13 51 35.6 +0.3
C05A	Toit Reservoir	114.91 41 ePKP1	PKIKP	13 51 35.3 0.0
K02A	Glendene	114.92 46 ePKP1	PKIKP	13 51 35.7 +0.2
L02A	Cave Junction	114.97 47 ePKP1	PKIKP	13 51 36.0 +0.5
G04A	Mulino	115.05 44 ePKP1	PKIKP	13 51 36.1 +0.5
CAF	Calviac	115.09 316 ePKP1	PKIKP	13 51 35.8 +0.1
J03A	Idey Park	115.16 46 ePKP1	PKIKP	13 51 36.3 +0.4
E05A	Randle	115.18 42 ePKP1	PKIKP	13 51 35.9 +0.1
HUM0	Hull Mountain	115.34 47 ePKP1	PKIKP	13 51 36.8 +0.5
HUM0	Hull Mountain	115.34 47 ePKP1	PKIKP	13 51 37.2 +0.9
A07A	Ashnola River	115.34 39 ePKP1	PKIKP	13 51 36.3 +0.3
MTJF	Montlejeu	115.37 314 ePKP1	PKIKP	13 51 36.1 -0.2
RJLF	Les Rejaudoux	115.37 317 ePKP1	PKIKP	13 51 36.4 +0.2
H04A	Detroit Lake	115.38 44 ePKP1	PKIKP	13 51 36.2 0.0
I04A	Tendick Farm	115.44 45 ePKP1	PKIKP	13 51 36.3 -0.1
N02C	Big Bar	115.47 49 ePKP1	PKIKP	13 51 37.0 +0.5
F05A	White Salmon	115.56 43 ePKP1	PKIKP	13 51 36.8 +0.2
D06A	Cle Elum	115.60 41 ePKP1	PKIKP	13 51 36.7 +0.1
M02C	Callahan	115.68 48 ePKP1	PKIKP	13 51 37.7 +0.8
FLN	La Fothering	115.69 321 ePKP1	PKIKP	13 51 36.4 -0.3
B07A	Winthrop	115.69 40 ePKP1	PKIKP	13 51 36.8 0.0
E06A	Yakima	115.70 42 ePKP1	PKIKP	13 51 37.3 +0.5
YBH	Yreka Blue Hor	115.71 47 ePKP1	PKIKP	13 51 37.3 +0.3
YBH	Yreka Blue Hor	115.71 47 ePKP1	PKIKP	13 51 37.4 +0.4
J04A	Umpqua Nationa	115.79 46 ePKP1	PKIKP	13 51 37.8 +0.7
EBG	Ellensburg	115.87 41 ePKP1	PKIKP	13 51 37.7 +0.6
C07A	Waterville	115.96 41 ePKP1	PKIKP	13 51 37.2 -0.1
O02C	Red Bluff	115.99 49 ePKP1	PKIKP	13 51 38.2 +0.6
LFF	La Frestale	116.00 316 ePKP1	PKIKP	13 51 37.5 +0.1
GRR	Gorron	116.03 320 ePKP1	PKIKP	13 51 37.1 -0.3
H06A	Goldendale	116.05 43 ePKP1	PKIKP	13 51 38.2 +0.7
F05A	Madras	116.05 44 ePKP1	PKIKP	13 51 37.8 +0.2
A08A	Turner Farm, O	116.06 39 ePKP1	PKIKP	13 51 37.7 +0.3
WDC	Whiskeytown Da	116.09 49 ePKP1	PKIKP	13 51 37.9 +0.2
MFF	Saint Martin d	116.12 318 ePKP1	PKIKP	13 51 37.1 -0.5
CROR	Criterion Ridg	116.13 44 ePKP1	PKIKP	13 51 38.4 +0.7
GASB	Alder Springs	116.15 50 ePKP1	PKIKP	13 51 38.7 +0.8
I05A	Bend	116.15 45 ePKP1	PKIKP	13 51 38.5 +0.8
I07A	Quincy	116.17 41 ePKP1	PKIKP	13 51 37.8 +0.1
L04A	Klamath Falls	116.20 47 ePKP1	PKIKP	13 51 38.4 +0.4
K04A	Chiquin	116.21 46 ePKP1	PKIKP	13 51 38.3 +0.4
B08A	Colville Reser	116.22 40 ePKP1	PKIKP	13 51 37.7 -0.1
M03C	McCloud	116.24 48 ePKP1	PKIKP	13 51 38.2 +0.2
G06A	Carlson Farm,	116.30 43 ePKP1	PKIKP	13 51 38.4 +0.4
HOG	Hogback Mounta	116.32 47 ePKP1	PKIKP	13 51 38.9 +0.8
M04C	Macdoel	116.33 47 ePKP1	PKIKP	13 51 38.6 +0.4
J05A	Fort Rock	116.40 45 ePKP1	PKIKP	13 51 39.1 +0.9
A09A	Danville	116.48 39 ePKP1	PKIKP	13 51 38.6 +0.4

MNRC	McLaughlin Nat	116.52 51 ePKP1	PKIKP	13 51 39.7 +1.0
F07A	Phinny Hill Vi	116.59 42 ePKP1	PKIKP	13 51 39.1 +0.6
CVS	Garret Viney	116.61 51 ePKP1	PKIKP	13 51 39.2 +0.4
H06A	Lindquist Farm	116.64 44 ePKP1	PKIKP	13 51 39.1 +0.5
HAWA	Hanford	116.70 42 ePKP1	PKIKP	13 51 39.4 +0.6
EPF	Esparros	116.78 314 ePKP1	PKIKP	13 51 39.7 -0.3
K05A	Summer Lake	116.78 46 ePKP1	PKIKP	13 51 39.9 +0.9
HATC	Hat Creek Radi	116.83 48 ePKP1	PKIKP	13 51 39.6 +0.4
D08A	Wollman Farm	116.89 41 ePKP1	PKIKP	13 51 39.2 +0.1
LBCM	Butte Creek Ri	116.91 48 ePKP1	PKIKP	13 51 39.7 +0.4
M05C	Lookout	116.94 48 ePKP1	PKIKP	13 51 39.7 +0.3
B09A	Rice	116.94 39 ePKP1	PKIKP	13 51 39.2 +0.1
G07A	Ruggs Ranch, H	116.94 43 ePKP1	PKIKP	13 51 39.4 +0.2
I06A	Pineville	116.94 45 ePKP1	PKIKP	13 51 40.0 +0.7
JRSC	Jasper Ridge	116.97 52 ePKP1	PKIKP	13 51 39.9 +0.3
E08A	Dider Farm, El	116.98 42 ePKP1	PKIKP	13 51 39.7 +0.4
L05A	Lakeview	117.00 47 ePKP1	PKIKP	13 51 40.3 +0.8
BNLO	Ben Lomond(Sa	117.02 57 ePKP1	PKIKP	13 51 39.8 +0.1
C09A	Chrisman Ranch	117.02 40 ePKP1	PKIKP	13 51 39.4 0.0
ORV	Oroville	117.09 50 ePKP1	PKIKP	13 51 39.7 0.0
A10A	Northport	117.12 39 ePKP1	PKIKP	13 51 39.6 +0.1
BDM	Black Diamond	117.15 51 ePKP1	PKIKP	13 51 40.4 +0.5
OHM	Haucut	117.15 50 ePKP1	PKIKP	13 51 40.1 +0.2
SGMF	Saint Gilles	117.16 321 ePKP1	PKIKP	13 51 39.1 -0.5
J06A	Christmas Vall	117.17 45 ePKP1	PKIKP	13 51 40.1 +0.3
K06A	Valley Falls	117.22 46 ePKP1	PKIKP	13 51 40.5 +0.6
O04C	Chester	117.23 49 ePKP1	PKIKP	13 51 40.3 +0.4
D09A	Jones Farm, Ri	117.29 41 ePKP1	PKIKP	13 51 40.0 +0.1
WENL	Wente Brothers	117.30 52 ePKP1	PKIKP	13 51 40.8 +0.6
F08A	Pendleton	117.38 42 ePKP1	PKIKP	13 51 40.5 +0.4
I07A	Izee	117.40 44 ePKP1	PKIKP	13 51 40.8 +0.6
G08A	Pilot Rock	117.42 43 ePKP1	PKIKP	13 51 40.7 +0.5
MOD	Modoc	117.42 47 ePKP1	PKIKP	13 51 41.3 +1.0
MOD	Modoc	117.42 47 ePKP1	PKIKP	13 51 41.0 +0.7
ELFS	Eagle Lake Fie	117.42 48 ePKP1	PKIKP	13 51 40.5 +0.2
O05C	Quincy	117.44 49 ePKP1	PKIKP	13 51 40.7 +0.3
ETSF	Etsaut	117.45 314 ePKP1	PKIKP	13 51 40.9 +0.6
M06C	Likely Place G	117.47 48 ePKP1	PKIKP	13 51 40.9 +0.5
B10A	Chitwood Farm	117.56 39 ePKP1	PKIKP	13 51 41.0 +0.6
E09A	Wood Farm, Sta	117.57 41 ePKP1	PKIKP	13 51 40.5 +0.1
NEW	Newport	117.64 39 ePKIKP	PKIKP	13 51 40.8 +0.3
QUIF	Quintin	117.65 320 ePKP1	PKIKP	13 51 41.1 +0.6
S04C	Ingram Canyon,	117.66 52 ePKP1	PKIKP	13 51 41.4 +0.5
C10A	Spilker Farm,	117.68 40 ePKP1	PKIKP	13 51 40.8 +0.2
HAST	Hastings Reser	117.70 53 ePKP1	PKIKP	13 51 41.5 +0.6
J07A	Hines	117.73 45 ePKP1	PKIKP	13 51 41.6 +0.8
PACP	Pacheco Peak	117.79 52 ePKP1	PKIKP	13 51 41.8 +0.7
R04C	Big Horse Ranc	117.80 51 ePKP1	PKIKP	13 51 41.5 +0.3
P05C	Yuba Gap, Truc	117.82 50 ePKP1	PKIKP	13 51 41.5 +0.4
H08A	Prairie City	117.84 44 ePKP1	PKIKP	13 51 41.6 +0.6
LAVA	Lava Gap Winer	117.84 50 ePKP1	PKIKP	13 51 41.5 +0.3
SJPF	St Jean	117.86 315 ePKP1	PKIKP	13 51 41.4 +0.3
A11A	Hall Mountain,	117.86 38 ePKP1	PKIKP	13 51 41.7 +0.8
EDM	Edmonton	117.87 33 ePKIKP	PKIKP	13 51 40.8 0.0
BEKR	Beckworth	117.88 49 ePKP1	PKIKP	13 51 41.6 +0.4
D10A	Wagner Farm, O	117.96 41 ePKP1	PKIKP	13 51 41.7 +0.6
K07A	Rock Creek Ran	117.96 46 ePKP1	PKIKP	13 51 41.9 +0.6
F09A	S2 Ranch, Elgi	117.99 42 ePKP1	PKIKP	13 51 41.5 +0.2
EMOS	Emos	118.03 312 ePKP1	PKIKP	13 51 39.1 -2.4
B11A	Sandpoint	118.05 39 ePKP1	PKIKP	13 51 41.7 +0.4
N06A	Buffalo Meadow	118.05 48 ePKP1	PKIKP	13 51 42.1 +0.6
L07A	Adell	118.08 46 ePKP1	PKIKP	13 51 42.6 +1.0
I08A	Drewsey	118.09 44 ePKP1	PKIKP	13 51 42.2 +0.7
O06A	Flanagan	118.20 49 ePKP1	PKIKP	13 51 42.4 +0.5
G09A	Cove	118.21 43 ePKP1	PKIKP	13 51 41.6 -0.1
E10A	Myers Farm, Un	118.26 41 ePKP1	PKIKP	13 51 42.0 +0.2
CMB	Columbia Colle	118.27 51 ePKP1	PKIKP	13 51 42.3 +0.2
CMB	Columbia Colle	118.31 58 ePKP1	PKIKP	13 51 42.2 +0.2
U04C	Hernandez Rese	118.31 53 ePKP1	PKIKP	13 51 43.0 +0.8
F10A	Circle Bar Ran	118.32 45 ePKP1	PKIKP	13 51 42.6 +0.6
J08A	Beach Ranch, E	118.35 42 ePKP1	PKIKP	13 51 42.2 +0.2
R05C	Kirkwood Meado	118.36 50 ePKP1	PKIKP	13 51 42.9 +0.7
M07A	Soldier Meadow	118.37 47 ePKP1	PKIKP	13 51 42.9 +0.8
WCN	Washee City	118.46 50 ePKP1	PKIKP	13 51 43.1 +0.7
S05C	Mercad	118.47 52 ePKP1	PKIKP	13 51 42.8 +0.3
WVOR	Wild Horse Val	118.47 46 ePKIKP	PKIKP	13 51 43.1 +0.8
H09A	Durkee	118.48 43 ePKP1	PKIKP	13 51 42.4 +0.2
K08A	Munn Creek Ran	118.49 45 ePKP1	PKIKP	13 51 42.9 +0.5
B12A	Libby	118.52 39 ePKP1	PKIKP	13 51 42.1 -0.1
D11A	Klavano Farm, F	118.56 40 ePKP1	PKIKP	13 51 42.0 -0.3
PKD	Parkfield	118.59 53 ePKP1	PKIKP	13 51 43.2 +0.5
ECHE	Chera	118.59 311 ePKIKP	PKIKP	13 51 43.6 +1.0
I09A	Lost Marbles R	118.64 44 ePKP1	PKIKP	13 51 42.8 +0.1
PAHR	Pal Rah Range	118.64 49 ePKP1	PKIKP	13 51 43.0 +0.3
G10A	Bishop Farm, J	118.65 42 ePKP1	PKIKP	13 51 43.1 +0.6
N07B	Gerlach	118.68 48 ePKP1	PKIKP	13 51 43.4 +0.7
S06C	San Francisco	118.72 51 ePKP1	PKIKP	13 51 43.3 +0.4
L08A	Field	118.75 46 ePKP1	PKIKP	13 51 43.7 +0.8
J09A	Fry Pan Ranch,	118.82 45 ePKP1	PKIKP	13 51 43.7 +0.8

R06C	Coleville	118.88 50 ePKP1	PKIKP	13 51 43.9 +0.7
E11A	Bogner Ranch,	118.89 41 ePKP1	PKIKP	13 51 43.6 +0.6
O07A	Toulou	118.91 48 ePKP1	PKIKP	13 51 43.9 +0.7
PTRM	Twisselman Ran	118.93 54 ePKP1	PKIKP	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ECGO, E15A, S10A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like V13A, GLA, GLA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SDCO, ANMO, PLCA, etc.

ISCBJ 25 13:46:49.6:0.6, 3724N-005:71E:0.1, h146km, 28km, Error ellipse: s-maj=16.6km s-min=8.1km az=2.5

ISCBJ 25 14:25:04.6:0.4, 2445N-002:12197E:0.02, h5km, 3km, Error ellipse: s-maj=3.3km s-min=2.6km az=137.4

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

25d 16h: 1.2, 0.934S, 11284E, h56km, mb3.7/4, mb1 3.3/4, mb1mx3.2/17, mbtmp3.2/4, Error ellipse: s-maj=91.4km s-min=17.7km az=52.0, South of Jawa

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

25d 16h: 2.0, 0.934S, 11284E, h56km, mb3.7/4, mb1 3.3/4, mb1mx3.2/17, mbtmp3.2/4, Error ellipse: s-maj=91.4km s-min=17.7km az=52.0, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOF, ISCJB, ATH, CSEM, SKO, NEIC, etc.

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

25d 16h: 4.7, 0.1932N, 64.12W, h59km, 6km, MD4.0/19, MD4.0/19

25d 16h: 5.4, 0.1886N, 64.48W, h44km, 11km, mb3.8/1, MS3.2/3, Error ellipse: s-maj=9.8km s-min=6.0km az=172.5

25d 16h: 5.7, 0.1871N, 64.48W, h46km, 10km, mb3.8/1, mb1 3.8/7, mb1mx3.5/23, mbtmp3.3/7, MS3.3/6, Ms1 3.3/6, ms1mx3.0/31, Error ellipse: s-maj=19.5km s-min=10.2km az=149.0

25d 16h: 5.7, 0.1875N, 64.65W, h45km, n40, 0.597/47, mb3.8/8, MS3.2/3, 17C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANEGADA, TORIOLA, SAINT THOMAS, etc.

25d 16h: 2.0, 0.934S, 11284E, h56km, mb3.7/4, mb1 3.3/4, mb1mx3.2/17, mbtmp3.2/4, Error ellipse: s-maj=91.4km s-min=17.7km az=52.0, South of Jawa

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

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

25d 16h: 1.6, 1.400N, 12635E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/17, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=103.3km s-min=22.4km az=67.0, Northern Molucca Sea

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

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

25d 16h: 2.2, 0.3721N, 0.0037186E, h135km, 7km, mb3.5/6, Error ellipse: s-maj=8.0km s-min=5.2km az=175.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Las Melosas, NEIC 25, IDC 25, and various island regions.

IDC 25 17:10:12.1±0.5, 1124Sx16555E, h0km, mb4.7/20, mb1 4.8/21, mb1mx4.8/22, mbtmp4.7/21, ML4.9/1, MS3.9/9, Ms1 3.9/9, ms1mx3.8/18, Error ellipse: s-maj=17.2km s-min=13.9km az=92.0

Main table listing stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, STKA, WRA, URZ, etc.

Main table listing stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDJ, PETK, HABR, CHANGCHUN, etc.

Main table listing stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCK, MCKINLEY, IMA2, COLA, etc.

Table with columns for location (e.g., BLSP, LGTI, PTH), time (e.g., 11.70 253), and status (e.g., eP, Pn, x).

Table with columns for location (e.g., BJI, AAK, AAK, AAK), time (e.g., 18 12 37.0), and status (e.g., LR, LR, LR).

Table with columns for location (e.g., TMCR, FITZ, PETK), time (e.g., 52.31 333), and status (e.g., iP, P, P).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EADA Adamuz, EQES Quesada, EHUE Huescar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMCH Combarbala, TACH Talagante, FCH Farellones, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASOR Ausora, DANN Danning, MK31 Makanchi Array, etc.

ISCJB 26 03:03:14.8, 1.5, 3943N, 010.7757E, 007, h10km, Error ellipse: s-maj=14.5km s-min=6.8km az=168.3

IDC 26 04:29:53.0, 3.5, 909S, 7497W, h76km, 45km, mb3.0/2, mb1.3/2.5, mb1mx3.0/2.2, mbtmp3.0/5, ML2.9/2, Error ellipse: s-maj=64.9km s-min=24.4km az=41.0, Central Peru

AKTO Aktyubinsk comp=Z, 0.7nm, 0.3s, baz=155, slow=14, SNR=20

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KSH Kashi, TKM2 Tokmak 2, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NNA Nana, ATAH Atahualpa, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

GUC 26 03:32:39.3, 0.8, 3129S, 6921W, h30km, 7km, MD3.7, ML2.7, 1C-1D, San Juan Province

ISCJB 26 05:22:36.4, 1.2, 3584N, 003.6785E, 004, h6km, 8km, mb4.4/32, MS3.6/19, Error ellipse: s-maj=5.5km s-min=3.7km az=149.0

PKIN Phulchoki comp=Z, 85nm, 0.9s, baz=178, slow=13, SNR=55

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMCH Combarbala, TLL Tololo Astrono, FCH Farellones, etc.

IDC 26 05:22:34.9, 0.7, 3569N, 6788E, h0km, mb4.3/15, mb1.4/19, mb1mx4.3/26, mbtmp4.3/19, ML3.9/5, MS3.6/16, Ms1.3/6/16, ms1mx3.5/30, Error ellipse: s-maj=15.6km s-min=13.5km az=167.0

VOSK Vostochayna comp=Z, 14nm, 0.8s, baz=128, slow=22, SNR=4.2

ISCJB 26 03:44:53.7, 0.9, 5143N, 004.1606E, 004, h0km, Error ellipse: s-maj=6.0km s-min=3.5km az=15.5

NEIC 26 05:22:36.4, 0.4, 3578N, 6790E, h10km, mb4.8/16, Error ellipse: s-maj=6.3km s-min=5.3km az=222.0

BRVK Borovoye comp=Z, 2.2nm, 0.3s, baz=179, slow=12, SNR=23

CSEM 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

MOS 26 05:22:38.0, 3604N, 6810E, h10km, mb4.9, mb4.6, Ms4.1, Ms2.8

BRVK Borovoye comp=Z, 35nm, 0.8s, baz=183, slow=24, SNR=6.1

WAR 26 03:44:55.4, 0.5, 5150N, 1609E, ML2.3, Mining Induced

NNC 26 05:22:40.4, 4.1, 3587N, 6786E, h96km, 45km, mb4.0, mpv4.9, Error ellipse: s-maj=34.0km s-min=27.8km

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

PRU 26 03:44:56.0, 0.5, 5144N, 1609E, h0km, Error ellipse: s-maj=2.5km s-min=2.0km az=163.0

ISC 26 05:22:36.4, 1.2, 3579N, 003.6778E, 004, h7km, 7km, n131, r136/147, mb4.4/32, MS3.6/19, 10C-6D, Hindu Kush region

BRVK Borovoye comp=Z, 2.6nm, 0.3s, baz=179, slow=12, SNR=23

VIE 26 03:44:56.1, 0.4, 5133N, 1611E, h0km, mb1.8/2, ML2.4/4, Error ellipse: s-maj=2.5km s-min=2.0km az=163.0

ISC 26 03:44:54.7, 0.9, 5148N, 004.1610E, 004, h0km, n16, r577/29, 2C-1D, Poland

BRVK Borovoye comp=Z, 1.4nm, 0.3s, baz=204, slow=20, SNR=5.9

MORC Moravsky Berou comp=Z, 14nm, 0.4s, baz=178, slow=13, SNR=55

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 83nm, 21.6s, baz=131, slow=44

MOX Moxa comp=Z, 5.5nm, 0.6s, baz=191, slow=3.3, SNR=70

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

CSNA Conrad Observa comp=Z, 4.9nm, 0.5s, baz=191, slow=3.3, SNR=70

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

NEIC 26 04:16:22.9, 3226S, 7196W, h25km, ML2.6(GUC), After GUC

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

GUC 26 04:16:22.9, 0.6, 3226S, 7196W, h25km, 5km, MD3.7, ML2.6, 5C-1D, Near coast of central Chile

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JACH Jahuel, CMCH Combarbala, etc.

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

ISC 26 03:44:55.4, 0.3, 5147N, 1610E, h0km, ML3.0/7, Error ellipse: s-maj=5.1km s-min=2.9km az=1.0, Suspected Mining induced.

BRVK Borovoye comp=Z, 15nm, 0.9s, baz=178, slow=13, SNR=23

URZ	7.5nm,0.8s,mb4.0,baz=60,slow=8.3,SNR=13	LR	LR	08 14 11.3
HNR	comp=Z,1µm,18.2s,MS4.4,baz=39,slow=36	LR	LR	08 15 34.6
PAE	Honiaru 24.28 287 LR comp=Z,740nm,18.4s,MS4.4,baz=175,slow=34	LR	LR	08 33 49.5
PPT	Papeete 25.73 93 eLR	LR	LR	08 13 16.0
PPT	Papeete 25.73 93 LR	LR	LR	08 14 28.4
CTA	Charters Tower 35.14 260 eP	P	P	08 08 42.4 0.0
CTA	Charters Tower 35.14 260 eP	P	P	08 08 42.4 0.0
CTAO	comp=Z,1.7nm,0.9s			
TAOE	Charters Tower 35.14 260 eP	P	P	08 08 41.9 -0.5
TAOE	Nuku Hiva Isia 36.53 81 eLR	LR	LR	08 10 06.6
TOO	comp=Z,1.9nm,26.1s			
TOO	Toolangi 38.51 232 eP	P	P	08 09 16.0 +5.2
RKT	Rikitea 39.23 105 eLR	LR	LR	08 19 33.1
STKA	comp=Z,1µm,28.0s			
STKA	Stephens Creek 40.14 242 eP	P	P	08 09 26.6 +2.1
STKA	Stephens Creek 40.14 242 P	P	P	08 09 25.7 +1.2
STKA	comp=Z,3.5nm,0.9s,mb4.1,baz=73,slow=11,SNR=5.7	LR	LR	08 24 39.4
WB2	comp=Z,184nm,18.2s,MS4.0,baz=221,slow=34	LR	LR	
WRAB	Warramunga Arr 46.31 259 eP	P	P	08 10 12.8 -1.7
WRAB	Tennant Creek 46.31 259 eP	P	P	08 10 13.1 -1.4
WRAB	comp=Z,3.1nm,1.3s,mb5.1			
WRA	Tennant Creek 46.31 259 eP	P	P	08 10 13.1 -1.4
WRA	Warramunga Arr 46.32 259 P	P	P	08 10 13.1 -1.5
WRA	comp=Z,9.4nm,1.0s,mb4.7,baz=94,SNR=16	LR	LR	08 29 19.5
WAZ	comp=Z,376nm,19.3s,MS4.3,baz=95,slow=36	LR	LR	
ASAR	Alice Springs 46.45 254 P	P	P	08 10 14.7 -0.8
BATI	comp=Z,1.9nm,0.9s,mb5.0,baz=30,slow=8.0,SNR=7.0	LR	LR	
BATI	Baumata 58.25 269 P	P	P	08 34 19.2
VNDA	comp=Z,4.02nm,19.2s,MS4.5,baz=133,slow=34	LR	LR	
VNDA	Vanda 60.59 185 P	P	P	08 11 58.7 +0.3
VNDA	comp=Z,1.6nm,1.0s,mb4.1,baz=4.7,slow=8.5,SNR=5.1	LR	LR	
VNDA	Vanda 60.59 185 eP	P	P	08 11 58.4 0.0
VNDA	comp=Z,6.0nm,1.1s			
VNDA	Vanda 60.59 185 eP	P	P	08 11 58.4 0.0
VMJ	comp=Z,6.1nm,1.1s,mb4.6			
VMJ	Matsuiri Arr 68.95 322 P	P	P	08 12 53.3 -0.1
QSPA	comp=Z,4.1nm,0.9s,mb4.3,baz=142,slow=6.2,SNR=3.9	LR	LR	
QSPA	South Pole Qui 72.14 180 P	P	P	08 13 12.9 +0.6
PETK	comp=Z,2.1nm,1.1s,mb5.0			
PETK	Petrovlovsk 74.14 344 LR	LR	LR	08 44 30.1
KSR5	comp=Z,92nm,18.5s,MS4.1,baz=146,slow=34	LR	LR	
KSR5	Korea Array 75.86 317 P	P	P	08 13 35.9 +1.2
NVAR	comp=Z,2.1nm,0.8s,mb4.1,baz=143,slow=7.1,SNR=6.7	LR	LR	
NVAR	Mina Array Bea 78.24 43 P	P	P	08 13 47.2 -0.8
MDJ	comp=Z,3.0nm,1.1s,mb4.1,baz=226,slow=8.5,SNR=9.7	LR	LR	
MDJ	Mudanjiang 79.19 324 eP	P	P	08 13 57.7 +4.6
WVOR	Wild Horse Val 80.31 40 eP	P	P	08 13 55.5 -3.6
WVOR	comp=Z,8.0nm,1.0s,mb4.6			
WVOR	Wild Horse Val 80.31 40 eP	P	P	08 13 55.5 -3.6
ELK	Elko 81.49 42 eP	P	P	08 14 04.9 -0.6
HLID	Hailey 83.51 40 eP	P	P	08 14 16.1 +0.2
SRU	comp=Z,6.9nm,1.1s,mb4.1			
SRU	San Rafael 83.78 46 eP	P	P	08 14 17.5 0.0
SRU	comp=Z,6.0nm,1.2s,mb4.6			
SRU	San Rafael 83.78 46 eP	P	P	08 14 17.5 0.0
SEY	comp=Z,5.7nm,1.2s,mb4.6			
SEY	Seymchan 84.18 346 eP	P	P	08 14 19.2 +0.3
MAW	Mawson 84.43 199 LR	LR	LR	08 50 10.7
TXAR	comp=Z,2.12nm,18.3s,MS4.6,baz=314,slow=34	LR	LR	
TXAR	Lajitas Array 84.55 57 P	P	P	08 14 22.2 +0.6
TXAR	comp=Z,1.5nm,1.0s,mb4.1,baz=248,slow=4.8,SNR=8.6	LR	LR	
TXAR	LR 84 43 35.9	LR	LR	08 43 35.9
ANMO	comp=Z,1.35nm,21.2s,MS4.3,baz=250,slow=30	LR	LR	
ANMO	Albuquerque 84.76 51 eP	P	P	08 14 23.9 +1.4
COLA	College 85.41 12 eP	P	P	08 14 26.3 +1.2
REDW	Red Top Meadow 85.42 42 eP	P	P	08 14 26.6 -0.2
TPAW	comp=Z,26nm,1.4s,mb5.3			
TPAW	Teton Pass 85.64 42 eP	P	P	08 14 26.2 -0.6
SNOW	comp=Z,23nm,1.2s,mb5.3			
SNOW	Snow King Moun 85.75 42 eP	P	P	08 14 27.4 +0.2
IMW	comp=Z,1.9nm,1.1s,mb5.0			
IMW	Indian Meadow 85.85 41 eP	P	P	08 14 27.6 -0.2
PDAR	comp=Z,1.2nm,1.3s,mb5.0			
PDAR	Pinedale Array 86.18 43 P	P	P	08 14 29.6 +0.2
BILL	comp=Z,1.4nm,0.9s,mb4.2,baz=213,slow=3.1,SNR=7.9	LR	LR	
BILL	Bilibino 86.62 354 P	P	P	08 14 33.0 +2.0
HIA	comp=Z,1.2nm,1.0s,mb5.1			
HIA	Hailar 87.38 324 eP	P	P	08 14 36.5 +1.4
SNA	Sanae 90.54 178 eP	P	P	08 14 48.7 -1.1
SNA	e			08 14 53.0
SNA	e			08 15 02.6
SNA	Sanae 90.54 178 eP	P	P	08 14 52.5 +2.7
VNA2	Neumayer-Watz 91.08 176 eP	P	P	08 14 52.9 +0.6
VNA2	e			08 14 57.7
VNA1	e			08 15 05.8 +2.4
VNA1	Neumayer-Stat 91.29 176 eP	P	P	08 14 56.0 +2.7
VNA1	e			08 15 00.9
VNA1	e			08 15 09.5 +5.1
YKA	Yellowknife Ar 93.62 24 LR	LR	LR	08 48 48.2
ECSD	comp=Z,1.41nm,19.9s,MS4.4,baz=210,slow=30	LR	LR	
ECSD	EROS,Stioux Fal 95.20 46 eP	P	P	08 15 09.1 -2.6
ULM	comp=Z,9.5nm,1.4s,mb5.0			
ULM	Lac du Bonnet 97.81 40 LR	LR	LR	08 54 17.8
ARU	comp=Z,220nm,18.4s,MS4.7,baz=255,slow=32	LR	LR	
ARU	Ksiaz 123.81 327 PKP	PKP	PKP	08 20 45.5 -0.1
KSP	Artaz 145.57 346 ePKP	PKP	PKP	08 21 26.6 +0.4
UZH	Uzhgorod 145.73 338 iPKP2	PKP	PKP	08 21 27.8 +0.5
CLL	Collim 145.82 349 iPKP2	PKP	PKP	08 21 27.2 -0.3
CLL	comp=Z,10.0nm,0.7s			
CLL	Collim 145.82 349 iPKP	PKP	PKP	08 21 27.2 +0.1
CLL	comp=Z,10.0nm,0.7s			
CLL	Collim 145.82 349 iPKP	PKP	PKP	08 21 30.0 -0.7
CLL	iPKP			08 21 27.2 +0.6
CLL	iPKP			08 21 48.0
UPC	Upice 145.95 346 ePKP	PKP	PKP	08 21 28.1 +1.3
OKC	Ostrava-Krasne 146.01 343 ePKP	PKP	PKP	08 21 31.0 +2.7
DPK	Dobruska-Polom 146.02 345 ePKP	PKP	PKP	08 21 28.9 +1.9
BRG	Bergjesshubel 146.06 348 eP	P	P	08 21 28.4 +1.4
BRG	comp=Z,13nm,1.3s			
BRG	e			08 21 47.7
MORC	comp=Z,6.7nm,1.1s			
MORC	Moravsky Berou 146.24 343 ePKP	PKP	PKP	08 21 26.4 -0.9
PVCC	Panska Ves 146.26 347 ePKP	PKP	PKP	08 21 29.4 +2.1
MOX	comp=Z,25nm,1.6s			
MOX	Moxa 146.69 350 eP	P	P	08 21 30.1 +2.0
MOX	comp=Z,25nm,1.6s			
MOX	Moxa 146.69 350 ePKP2	PKP	PKP	08 21 30.1 -0.8
MLR	comp=Z,2.5nm,1.6s			
MLR	Muntele Rosu 146.71 331 PKP	PKP	PKP	08 21 30.0 +0.1
PHU	comp=Z,3.0nm,0.6s,baz=359,slow=4.8,SNR=9.1	LR	LR	
PHU	Pruhoniche 146.77 347 ePKP	PKP	PKP	08 21 29.6 +1.4
KHC	Kasperske Hory 147.79 347 ePKP	PKP	PKP	08 21 33.7 +0.9
KHC	ePKP			08 21 37.0 -4.4
GERES	GERES Array B 148.03 347 PKP	PKP	PKP	08 21 33.3 -0.2
TORD	comp=Z,1.9nm,0.7s,baz=23,slow=3.2,SNR=7.5	LR	LR	
TORD	Tordii Arr, Bea 174.98 161 PKP	PKP	PKP	08 23 30.6 -3.0
TORD	comp=Z,0.8nm,0.9s,baz=338,slow=1.8,SNR=4.0	LR	LR	

NEIC 26 08:04:15.8.0.2, 4645N:15299E, mb5.1/94, Error ellipse: s-maj=5.4km s-min=2.8km az=167.0

GCMT 26 08:04:15.8.0.4, 4641N:15306E, h19km, MW5.0/65, Moment Tensor Solution. s28,c32; s65,c97; Duration: 0 Moment tensor: Scale 10^19Nm; Mr,3.41±.20; Mw-1.0±.13; Mw-2.3±.14; Ms-1.0±.28; Ms-2.0±.09; Ms-0.8±.28; Best double couple: M₀3.86100×10¹⁶ Np1₁±209.00000°, s35.00000°, λ,97.00000°. NP2: φ±42.00000°, δ55.00000°, λ,97.00000°. Principal axes: T 3.6780, P1g78.0000°, Azm339.0000°; N 0.3660, P1g6.0000°, Azm216.0000°; P -4.0430, P1g10.0000°, Azm127.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 26 08:04:15.8.0.2.5, 4644N:15298E, h51km, mb4.3/25, M1 4.5/27, mb1mx4.5/28, mbtmp4.4/27, ML4.3/2, MS4.5/22, M1 4.5/22, mb1mx4.3/35 Error Ellipse: s-maj=14.4km s-min=10.7km az=135.0

SZGRF 26 08:04:22.8, 4821N:15423E, h33km, mb5.5, MS4.6, Kuril Islands, Russia

ISC 26 08:04:14.8.0.8, 4645N:003:15297E:002, h35km±5km, h41km±1.8km, pP, n705, e090/735, mb5.1/157, MS4.7/55, 116C-92D, Kuril Islands

Code	Name	Δ ⁷ AZ ¹	Phase ID	Time	Res
			OP	h	s
			ISC	m	ISC
KUR	Kuril'sk	3.77 253	iP	Pn	08 05 10.8 +0.4
KUR	comp=N,650nm,0.9s				08 05 57.4 +3.9
KUR	comp=E,710nm,0.9s				
KUR	comp=Z,320nm,0.9s				
KUR	comp=N,210nm,0.8s				
KUR	comp=E,670nm,0.8s				
KUR	comp=N,1µm,15.0s				
KUR	comp=E,2µm,15.0s				
KUR	comp=Z,1µm,15.0s				
KUR	Kuril'sk	3.77 253	iP	Pn	08 05 10.8 +0.4
KUR	comp=Z,6µm,1.6s				08 05 13.2
KUR	comp=Z,653nm,0.9s				08 05 13.2
KUR	comp=Z,710nm,0.9s				08 05 13.2
KUR	comp=Z,3µm,0.9s				08 05 57.4 +3.9
KUR	eS				08 06 02.0
KUR	A				08 06 02.0
KUR	comp=Z,1µm,1.6s				08 06 14.0
KUR	comp=Z,7µm,0.8s				08 06 14.0
KUR	comp=Z,2µm,0.8s				08 06 41.0
KUR	comp=Z,1µm,15.0s				08 05 18.9 -4.5
SKR	Severo-Kuril's	4.72 25	eP	Pn	08 05 18.9 -4.5
SKR	comp=E,270nm,1.0s				08 06 16.0 -0.9
SKR	comp=Z,450nm,1.0s				
SKR	comp=E,6µm,8.0s				
SKR	comp=N,1.0nm,1.0s				
SKR	comp=N,3µm,16.0s				
SKR	comp=E,4µm,16.0s				
SKR	comp=Z,7µm,16.0s				
SKR	Severo-Kuril's	4.72 25	eP	Pn	08 05 18.9 -4.5
SKR	comp=Z,270nm,1.0s				08 05 24.5
SKR	comp=Z,450nm,1.0s				08 05 24.5
SKR	eS				08 06 16.0 -0.9
SKR	A				08 06 22.0
SKR	comp=Z,5µm,8.0s				08 06 22.0
SKR	comp=Z,3µm,8.0s				08 06 22.0
SKR	comp=Z,6µm,8.0s				08 06 22.0
SKR	comp=Z,3µm,8.0s				08 06 47.5
SKR	comp=Z,1µm,1.0s				08 06 47.5
SKR	comp=Z,670nm,1.0s				08 07 08.0
SKR	comp=Z,3µm,16.0s				08 07 08.0
SKR	comp=Z,6µm,16.0s				08 07 08.0
SKR	comp=Z,4µm,16.0s				08 07 08.0
SKR	comp=Z,3µm,16.0s				08 07 08.0
SKR	comp=Z,2µm,16.0s				08 07 08.0
SKR	comp=Z,4µm,16.0s				08 05 36.0 +0.8
YUK	comp=Z,870nm,0.5s				08 05 45.2
YUK	comp=Z,690nm,0.5s				08 05 45.2
YUK	comp=Z,920nm,0.4s				08 05 51.9
YUK	comp=Z,3µm,1.0s				08 05 51.9
YUK	comp=Z,3µm,1.0s				08 05 51.9
YUK	comp=Z,3µm,1.0s				08 06 39.2 +1.3
YUK	iS				08 07 04.8
YUK	A				08 07 04.8
YUK	comp=Z,12µm,1.0s				08 07 06.1
YUK	comp=Z,16µm,1.0s				08 07 06.1
YUK	comp=Z,8µm,0.8s				08 07 06.1
YUK	comp=Z,7µm,0.7s				08 07 48.0
YUK	comp=Z,12µm,1.0s				08 07 48.0
YUK	comp=Z,8µm,17.0s				08 07 48.0
YUK	comp=N,1µm,15.0s				08 07 48.0
NEM2	Nemuro 2	5.99 242	P	Pn	08 05 39.0 -1.9
NEM2	eS				08 06 43.6 -4.6
JRA	Rausu	6.09 248	P	Pn	08 05 43.1 +0.8
JNK	Nakashi	6.51 247	P	Pn	08 05 48.0 0.0
JAK	Akakeshi	6.83 243	eP	Pn	08 07 06.4 -2.5
JTR	Abashiri-Toko	6.86 252	iP	Pn	08 05 54.1 +1.2
YSS	Yuzh-Sakhalins	7.04 278	iP	Pn	08 06 01.0 +5.7
YSS	comp=N,50nm,0.9s				08 07 20.1 +6.0
YSS	comp=N,50nm,0.9s				
YSS	comp=E,60nm,0.9s				
YSS	comp=Z,140nm,1.0s				
YSS	comp=E,4µm,16.0s				
YSS	comp=Z,4µm,1				

Table with columns: WRA, Warramunga Arr, 68.20 199, P, P, 08 15 09.3 -2.2, comp=Z,3.0nm,0.8s,mb4.3,baz=17,slow=6.7,SNR=9.4

Table with columns: UPC, Dobruska-Polom, 76.54 333, eP, P, 08 16 07.3 -5.1, comp=Z,700nm,23.4s

Table with columns: BZS, Conrad Observa, 78.81 332, i/P, P, 08 16 12.9 -0.9, comp=Z,24nm,1.0s,mb5.1,SNR=6.5

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like P13A Bates Ranch, M04C Macdoel, P12A McGill, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like X15A Humboldt, HELL Mitchell Peak, X13A Yucatan, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like KMI, KMI, KMI, etc. Also contains notes about NIED and ISCJB stations.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Alice Springs, NORSAR Array, EGMT Eagleton, etc.

THE 26 12:52:31.0, 4008N-2024E, h3km, ML3.3
ISCJB 26 12:52:31.7-0.7, 4000N-002-2028E-005, h2km, 5km,
Error ellipse: s-maj=6.4km s-min=3.8km az=11.1
NEIC 26 12:52:32.1, 4006N-2027E, h1km, MD3.4, ATH, After
ATH.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IGT Igoumenitsa, KEK Kerkira, etc.

CSEM 26 13:26:43.1±0.1, 3947N-2939E, h10km, MD2.3, Error
ellipse: s-maj=1.9km s-min=1.9km az=124.0
ISK 26 13:26:43.0, 3945N-2938E, h6km, MD2.9
ISCJB 26 13:26:47.0±1.0, 3962N-003-2933E-006, h12km, 8km,
Error ellipse: s-maj=3.9km s-min=5.8km az=172.0
DDA 26 13:26:48.8, 3963N-2933E, h7km, 3km, MD2.3
ISC 26 13:26:47.6±0.7, 3958N-005-2941E-008, h29km, 9km, n19,
±142/27, ID, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GDZ Gediz, ULUD Uludag, etc.

ISCJB 26 14:10:20.9±0.8, 4066N-006-2184E-005, h24km, 8km,
Error ellipse: s-maj=10.2km s-min=6.4km az=19.9
CSEM 26 14:10:20.5±0.3, 4067N-2179E, h33km, MD2.6, Error
ellipse: s-maj=11.5km s-min=5.6km az=25.0
SKO 26 14:10:20.8, 4065N-2185E, h15km
THE 26 14:10:20.8, 4064N-2185E, h15km, ML2.6
ISC 26 14:10:20.9±0.8, 4066N-006-2184E-005, h23km, 9km, n8,
±057/15, Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FNA Florina, GRG Griva, etc.

KNT Kendrikon 0.95 57 ePg Pb 14 10 38.5 -0.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WAZ Wanganui, VRZ Vera Road, etc.

WEL 26 14:31:53.4±0.6, 3967S-1741E, h205km, 5km, ML3.6/13,
Error ellipse: s-maj=5.2km s-min=2.9km az=90.0, North
Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WAZ Wanganui, VRZ Vera Road, etc.

TAP 26 14:47:36.2, 2316N-12129E, h6km, ML3.5, 8C-8D,
Taiwan

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

IDC 26 15:54:21.7±2.0, 597S-13000E, h0km, mb3.8/1, mb1 3.5/3,
mb1mx3.3/1.3, mbtmp3.4/3, ML3.2, MS3.0/1, Ms1 3.0/1,
ms1mx2.7/12, Error ellipse: s-maj=99.3km
s-min=30.3km az=69.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BATI Baunata, WRA Waramunga, etc.

mb1mx3.9/23, mbtmp4.0/8, ML3.3/1, MS3.4/4, Ms1 3.3/4,
ms1mx2.9/34, Error ellipse: s-maj=46.8km s-min=20.5km
az=46.0

NEIC 26 15:55:27.3±2.0, 1302N-8921W, h50km, 16km, mb4.6/11,
Error ellipse: s-maj=19.9km s-min=13.8km az=208.0
ISC 26 15:55:20.8±0.9, 1225N-007-8933W-005, h55km, 10km,
n63, ±105/52, mb4.4/16, MS3.5/5, 3C-3D, Off coast
of central America

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LFVSI El Faro, SNV San Vicente, etc.

ISCJB 26 15:59:56.0±0.7, 2326S-006-6662W-008, h196km, 7km,
n23, ±098/23, mb3.6/6, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LVC Limon Verde, LVC Limon Verde, etc.

ISCJB 26 15:59:56.0±0.7, 2326S-006-6664W-009, h204km, 7km,
mb3.6/6, Error ellipse: s-maj=13.3km s-min=9.3km
az=157.0
IDC 26 15:59:56.6±1.0, 2324S-6666W, h195km, 9km, mb3.6/5,
mb1 3.6/10, mb1mx3.5/19, mbtmp3.5/10, Error ellipse:
s-maj=17.6km s-min=13.6km az=29.0
NEIC 26 15:59:57.1±0.7, 2329S-6663W, h200km, 7km, mb3.7/2,
Error ellipse: s-maj=11.9km s-min=9.4km az=63.0
ISC 26 15:59:56.9±0.7, 2326S-006-6662W-008, h196km, 7km,
n23, ±098/23, mb3.6/6, Jujuy Province

26d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, TRQA Torquiste, BDFB Brasilia, etc.

NNC 26 16:47:35.0.6.2, 3635N-7006E, h0km, mb3.9, mpv4.7, Error ellipse: s-maj=58.7km s-min=51.6km az=34.0

IDC 26 16:47:39.8.4.3, 3623N-7031E, h156km, mb3.6/10, m1=3.7/1.4, mb1mx3.5/2.6, mbtmp3.6/1.4, Error ellipse: s-maj=27.7km s-min=15.3km az=29.0

BUI 26 16:47:43.7, 3647N-7036E, h193km, mb4.5, mb4.1, ISCBJ 26 16:47:44.6.0.4, 3651N-002E, 7041E, h205km, 4km, mb3.6/10, Error ellipse: s-maj=7.2km s-min=3.9km az=171.3

MOS 26 16:47:44.8.1.1, 3652N-7033E, h211km, mb3.9/1, Error ellipse: s-maj=15.7km s-min=3.9km az=82.4

NEIC 26 16:47:45.5.0.8, 3650N-7034E, h204km, 8km, mb4.4/9, Error ellipse: s-maj=11.4km s-min=7.4km az=79.0

ISC 26 16:47:45.5.0.4, 3650N-003-7041E, h299km, 4km, n71, c1520/87, mb3.6/10, 3C-11D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, CEP Cherat, CHCP Chirah Chowk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, THN Dalhousie, KK31 Karatay Arr, etc.

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

2007 JUN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, ZAL Zalesovo, ZAL Zalesovo, etc.

MAN 26 16:49:41, 1730N-11968E, h15km, mb4.5, ML3.4, MS3.3 IDC 26 16:49:41.1.5.9, 1699N-12077E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/2.0, mbtmp3.6/3, MS3.1/3, Ms1 3.1/3, ms1mx2.9/2.3, Error ellipse: s-maj=293.3km s-min=28.1km az=91.0

ISCJB 26 16:49:42.9.0.9, 1733N-004:11970E, h33km, mb3.6/3, MS3.0/3, Error ellipse: s-maj=10.7km s-min=0.9km az=17.4

ISC 26 16:49:44.0.0.9, 1732N-004:11975E, h35km, n23, c1540/23, mb3.5/3, MS3.0/3, 3C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BOLP Bolinao, ABRA Dolores, BCPH Baguio City Da, etc.

GUC 26 17:33:38.7.0.5, 3281S-7217W, h15km, 20km, MD3.6, ML2.7, 7C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PEL Peidehue, LNV Longovilo, TACH Talagante, etc.

MAN 26 17:48:21.0.3, 3834N-12612E, h12km, mb3.8, ML2.5, MS2.1, Philippine Islands region

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

CSEM 26 17:48:21.7.0.1, 3837N-3916E, h2km, MD3.5, Error ellipse: s-maj=1.7km s-min=1.2km az=161.0

ISK 26 17:48:21.8, 3836N-3914E, h5km, MD3.5 ISCBJ 26 17:48:22.1.0.5, 3831N-002:3918E, 0.3/1km, 4km, Error ellipse: s-maj=3.8km s-min=3.3km az=149.4

DDA 26 17:48:22.3, 3832N-3917E, h5km, 5km, MD3.2 NSSC 26 17:48:27.3, 3511N-4147E, h40km

ISC 26 17:48:23.1.0.3, 3834N-002-3918E, h03km, 23km, n32, c1905/46, 12D, Turkey

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DIYA Diyarbakir, DIY Diyarbakir, URFA Urfa, etc.

ISCJB 26 18:22:00.6.1.0, 293N-02:8297E, h10km, mb3.3/3, Error ellipse: s-maj=22.6km s-min=8.9km az=3.9

IDC 26 18:22:00.4.1.2, 2929N-8275E, h0km, mb3.4/3, mb1 3.5/4, mb1mx3.2/2.2, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=58.9km s-min=30.1km az=37.0

ISC 26 18:22:02.7.1.0, 294N-02:8299E, h10km, n6, c1919/8, mb3.3/3, Nepal

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

NIED 26 18:40:00, 4680N-15320E, h35km, Mw3.7 Best double couple: Ms3.76000x1014 NP1%:317.00000, s84.00000, c29.00000, NP2%:223.00000, s61.00000, c173.00000

IDC 26 18:40:00.8.4.1, 4692N-15279E, h0km, mb3.7/7, mb1 4.0/7, mb1mx3.7/1.9, mbtmp3.7/1.7, Error ellipse: s-maj=31.1km s-min=29.8km az=52.0

ISCJB 26 18:40:15.5.1.2, 468N-01:1527E, h7km, 12km, mb3.5/7, Error ellipse: s-maj=28.8km s-min=8.7km az=137.7

MOS 26 18:40:16.6.1.3, 4707N-15283E, h76km, mb4.4/2, Error ellipse: s-maj=24.6km s-min=15.5km az=49.9

ISC 26 18:40:16.2.1.1, 469N-01:1528E, h2km, 5km, n30, c1942/35, mb3.7/7, Kuril Islands

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

NEM Nemuro 2 6.11 237 P Pn 18 41 42.3 -1.6 NEM2 6.15 244 eS Pn 18 42 49.8 -2.8

JNB Nankai 6.59 242 P Pn 18 41 55.1 +1.1 YSS Yuzh-Sakhalins 6.84 274 Pn Pn 18 41 58.5 +4.6

JTRK Abashiri-Toko 6.89 248 P Pn 18 41 57.0 +2.4 JAK Akkeshi 6.94 238 P Pn 18 41 54.2 -1.0

PETK Petropavlovsk 6.95 25 Pn Pn 18 42 00.5 +5.2 JOB Ashorobuto 7.32 243 P Pn 18 42 01.7 +1.2

JOB Onbets 7.51 241 P Pn 18 42 03.4 +0.4 ASAJ Asahikawa 7.67 252 P Pn 18 43 25.1 -1.5

ASAJ Asahikawa 7.67 252 Pn Pn 18 42 08.9 +3.7 ASAJ Asahikawa 7.67 252 Pn Pn 18 42 08.9 +3.7

JKK2 Kamakawa 2 7.68 250 P Pn 18 42 04.8 +3.1 JCH Churui 7.96 240 P Pn 18 42 08.6 -0.5

JNB Nankai-nobuka 8.52 240 P Pn 18 42 15.9 -0.9 JNB Nankai-nobuka 9.79 243 P Pn 18 42 32.9 -1.3

JANG Urango 10.45 235 eS Pn 18 44 28.8 -1.0 MJAR Matsushiro Arr 15.00 231 Pn Pn 18 43 48.5 +3.7

SKRS Korea Array 20.62 252 P Pn 18 44 54.1 +3.3 MKAR Makanchi Array 46.3 297 P P 18 48 38.0 -1.0

FINES FINES Array B 63.76 335 P P 18 50 41.8 0.0 FINES FINES Array B 63.76 335 P P 18 50 41.8 0.0

PDAR Piedade Array 64.83 54 P P 18 50 49.2 +0.1 NOA NORSAR Array B 67.97 341 P P 18 51 09.3 +0.5

NOA NORSAR Array B 67.97 341 P P 18 51 09.3 +0.5 NOA NORSAR Array B 67.97 341 P P 18 51 09.3 +0.5

AKASG Malin Array Be 71.25 326 P P 18 51 29.4 +0.2 ASAR Alice Springs 72.31 198 P P 18 51 35.9 0.0

TXAR Lajitas Array 77.61 60 P P 18 52 06.2 -0.3 TXAR Lajitas Array 77.61 60 P P 18 52 06.2 -0.3

IDC 26 19:16:42.8.0.6, 3842N-7058E, h0km, mb4.4/20, mb1 4.6/25, mb1mx4.5/3.0, mbtmp4.5/2.5, ML4.4/5, MS3.7/16, Ms1 3.7/16, ms1mx3.5/3.0, Error ellipse: s-maj=11.3km s-min=9.8km az=176.0

NNC 26 19:16:43.1.2.6, 3848N-7010E, h0km, mb4.7, mpv5.1, Error ellipse: s-maj=21.7km s-min=15.2km az=9.0

BUI 26 19:16:47.7, 3861N-7053E, h36km, mb5.0, mb4.7, ML4.6, Ms4.4, Ms2.4

MOS 26 19:16:46.7.1.0, 3861N-7048E, h33km, mb4.8/33, Error ellipse: s-maj=6.6km s-min=4.9km az=100.5

ISCJB 26 19:16:47.7.0.5, 3855N-002:7048E, 0.3, h44km, 4km, mb4.6/75, MS3.9/29, Error ellipse: s-maj=4.0km s-min=3.6km az=38.7

NEIC 26 19:16:49.1.0.7, 3861N-7052E, h41km, 6km, mb4.7/43, Error ellipse: s-maj=6.5km s-min=4.6km az=183.0

SZGRF 26 19:17:07.8, 4040N-6877E, h33km, mb5.2, Southeastern Uzbekistan

ISC 26 19:16:49.8.0.3, 3861N-002:7046E, 0.03, h44km, 4km, h22km, 6.5km, pp-P, n254, c1916/27, mb4.6/75, MS3.9/29,

ISCJB 26 21:13.14.3.2.9, 1.1N, 0.02-993E, 0.2, h79km, 20km, mb3.7/5, Error ellipse: s-maj=50.0km s-min=18.0km az=141.2
 DJA 26 21:13.14.091N, 98.73E, h93km, ML4.1/2
 IDC 26 21:13.15.0.3.8, 0.97N, 99.13E, h74km, 23km, mb3.4/5, mb1 3.5/5, mb1mx3.3/20, mbtmp3.4/5, Error ellipse: s-maj=76.0km s-min=19.0km az=66.0
 ISC 26 21:13.14.7.3.1, 1.0N, 0.02-992E, 0.3, h66km, 21km, n8, 0.572/9, mb3.7/5, 2C, Northern Sumatera

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
PSI	Prapat	1.80 350	Op	Pn	21 13 44.7	+1.1
PSI	17nm, 0.3s, baz=242, slow=1.0, SNR=50					
PSI	24nm, 0.3s, baz=168, slow=1.1, SNR=5				21 14 04.7	-0.9
KTGM	Kuala Trengganu	5.78 42	Op	Pn	21 14 43.6	+5.6
SBUM	Sibu	13.05 84	Op	Pn	21 16 17.2	-0.1
WRA	Warramunga Arr	40.22 123	P	P	21 20 45.1	+0.1
ASAR	Alcea Springs	41.67 128	P	P	21 20 56.3	-0.6
ASAR	0.9nm, 0.6s, mb3.8, baz=302, slow=9.1, SNR=5.2					
ASAR	4.4nm, 0.8s, mb3.2, baz=301, slow=7.5, SNR=3.1					
KSR5	Korea Array	44.87 30	P	P	21 21 53.1	+0.5
KSR5	0.8nm, 0.6s, mb3.6, baz=222, slow=4.4, SNR=5.4					
SOMN	Songino Array	47.05 7	P	P	21 21 40.3	+0.8
SOMN	0.7nm, 0.6s, mb3.5, baz=116, slow=7.7, SNR=6.0					
ZALV	Zalesovo Beam	54.09 350	P	P	21 22 31.5	-0.9
ZALV	1.2nm, 0.6s, mb4.1, baz=160, slow=9.0, SNR=3.2					

ISCJB 26 21:15.49.4.0.8, 5.033N, 0.04-8750E, 0.09, h10km, Error ellipse: s-maj=6.2km s-min=6.2km az=174.6
 IDC 26 21:15.50.5.1.7, 5.024N, 87.53E, h0km, mb1 3.5/5, mb1mx3.3/25, mbtmp3.5/5, ML3.6/4, Error ellipse: s-maj=18.0km s-min=12.9km az=93.0
 MOS 26 21:15.51.5.2.6, 5.031N, 87.48E, h12km, mb4.0/1, Error ellipse: s-maj=15.1km s-min=13.5km az=128.1
 NEIC 26 21:15.51.3.0.9, 5.031N, 87.48E, h10km, Error ellipse: s-maj=12.0km s-min=11.0km az=159.0
 NNC 26 21:15.55.7.3.2, 5.033N, 87.04E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=28.0km s-min=14.1km az=84.0
 BUI 26 21:15.59.1.4, 49.60N, 86.95E, h10km, ML3.4
 ISC 26 21:15.51.9.0.8, 5.039N, 0.04-8746E, 0.09, h10km, n24, r130/36, 2C-7D, Southern Siberia

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
ZAL	Zalesovo	3.91 336	PN	Pn	21 16 53.5	+1.6
ZAL	5.7nm, 0.3s, baz=156, slow=13, SNR=85					
ZALV	Zalesovo Beam	3.91 337	Pn	Pg	21 17 05.2	-1.7
ZALV	5.8nm, 0.3s, baz=157, slow=15, SNR=16					
ZALV	6.9nm, 0.3s, baz=171, slow=16, SNR=4.1				21 17 43.9	+6.0
ZALV	13nm, 0.3s, baz=154, slow=26, SNR=9.7					
MK31	Makanchi Array	4.97 226	Op	Pn	21 17 07.7	+1.1
MK31	7.5nm, 0.5s, baz=51, slow=12, SNR=40.9					
MK31	4.3nm, 0.3s, baz=54, slow=28, SNR=4.9				21 18 24.9	
MK31	3.6nm, 0.6s, baz=51, slow=29, SNR=7.9					
MK31	Makanchi Array	4.97 226	ePN	Pn	21 17 06.2	-0.3
MK31	Makanchi Array	4.97 226	ePn	Pn	21 17 06.2	-0.3
MK31	Makanchi Array	4.97 226	ePn	Pn	21 18 05.4	+1.4
MK31	Makanchi Array	4.97 226	ePn	Pn	21 18 05.4	+1.4
MKAR	Makanchi Array	4.97 226	ePn	Pn	21 17 06.4	-0.1
MKAR	2.7nm, 0.3s, baz=53, slow=14, SNR=9.4					
MKAR	8.0nm, 0.3s, baz=56, slow=28, SNR=10				21 18 04.4	+0.4
MKAR	5.4nm, 0.3s, baz=53, slow=29, SNR=5.4				21 18 20.6	
NVS	Novosibirsk	5.14 332	ePN	Pn	21 17 11.3	+2.4
NVS					21 17 26.2	
NVS					21 18 14.7	
NVS					21 18 30.5	
KURK	Kurchatov	5.64 277	Op	Pn	21 17 17.7	+2.0
KURK	2.5nm, 0.4s					
KURK	54nm, 0.7s				21 18 48.4	
KURK	Kurchatov	5.64 277	ePN	Pn	21 17 15.4	-0.4
KURK	Kurchatov	5.64 277	ePN	Pn	21 18 46.5	
KURK	comp=Z, 6.0nm, 0.3s					
KURK	Kurchatov	5.64 277	ePN	Pn	21 17 15.4	-0.3
KURK	comp=Z, 6.0nm, 0.3s					
KURB	Kurchatov Arra	5.70 276	Op	Pn	21 17 18.4	+1.8
KURB	comp=Z, 1.0nm, 0.3s					
KURB	comp=Z, 7.6nm, 0.7s					
WMQ	Urumqi	6.58 178	ePg	Pb	21 17 42.0	-4.3
WMQ	comp=N, 36nm, 1.0s					
WMQ	comp=E, 32nm, 1.0s					
ZAK	Zakamensk	10.11 84	eP	Pn	21 18 07.8	-9.2
ZAK	comp=Z, 1.0nm, 1.2s					
VOSK	Vostochnaya	10.52 289	Op	Pn	21 18 27.1	+4.4
VOSK	comp=Z, 0.8nm, 0.6s					
VOSK	comp=Z, 2.0nm, 0.6s				21 20 19.4	-1.1
BVA0	Borovoye Array	10.91 291	Op	Pn	21 18 28.2	+0.2
BVA0	comp=Z, 0.1nm, 0.5s, baz=106, slow=15, SNR=14					
BVA0	comp=Z, 0.3nm, 0.6s, baz=108, slow=21, SNR=5.2					
BVAR	Borovoye Array	10.91 291	Op	Pn	21 18 28.1	+0.1
BVAR	comp=Z, 0.5nm, 0.3s, baz=101, slow=15, SNR=12					
BVAR	comp=Z, 0.6nm, 0.3s, baz=98, slow=21, SNR=9.0				21 20 26.5	-3.5
BRVK	Borovoye	10.98 291	eP	Pn	21 18 27.5	-1.4
BRVK	comp=Z, 1.0nm, 0.6s					
BRVK	Borovoye	10.98 291	ePN	Pn	21 18 27.5	-1.4
BRVK	comp=Z, 1.2nm, 0.6s					
BRVK	Tokmak 2	11.05 232	eS	Pn	21 20 23.2	-8.5
TKM2	Erkin-Say	12.17 236	eP	Pn	21 18 42.7	-2.5
EKS2	Songino Array	12.67 94	Pn	Pn	21 18 50.8	-1.2
SOMN	comp=Z, 0.1nm, 0.3s, baz=285, slow=22, SNR=5.2				21 22 30.9	
ARU	Arti	18.16 301	dIP	Pn	21 20 08.4	+4.5
ARU	comp=Z, 5.0nm, 1.2s					
ARU	comp=Z, 5.0nm, 1.2s				21 20 10.9	+0.3
AKT	Aktuynsk	18.71 282	P	Pn	21 20 10.9	+0.3
AKTO	Aktuynsk	18.71 282	P	Pn	21 20 10.9	+0.3
AKTO	comp=Z, 0.1nm, 0.3s, baz=113, slow=12, SNR=2.5					

MAN 26 21:16.21, 1203N, 12518E, h33km, mb3.6, ML2.4, MS1.9, 1C, Samar

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.04, h10km, n23, 0.578/31, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.04, h10km, n23, 0.578/31, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.04, h10km, n23, 0.578/31, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.04, h10km, n23, 0.578/31, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.04, h10km, n23, 0.578/31, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.60 149	eP	Pb	21 16 33.1	+1.5
CNP	Cataram	0.59 314	eP	Pb	21 16 35.6	+1.1
CNP	Palo	0.88 193	Op	Pn	21 16 45.7	+1.6
PLP	Palo	0.88 193	Op	Pn	21 16 37.9	+0.8
PLP					21 16 47.7	-1.0

ISCJB 26 21:17.37.3.0.6, 2.963N, 0.05-5150E, 0.04, h10km, Error ellipse: s-maj=6.5km s-min=5.5km az=174.4
 THR 26 21:17.37.3.0.3, 2.968N, 51.53E, h14km, 10km, ML3.7
 KISR 26 21:17.38.7, 2.988N, 51.04E, h33km, ML3.3
 CSEM 26 21:17.39.6.0.1, 2.964N, 51.53E, h70km, ML3.7, Error ellipse: s-maj=3.8km s-min=3.4km az=159.0
 ISC 26 21:17.38.8.0.5, 2.963N, 0.04-5150E, 0.

Table with columns for station codes (LZH, LSH, MAJO, etc.), frequencies, and signal quality metrics. Includes stations like BHV Bhavnagar, DDI Dehra Dun, and MAJO Matsushiro.

Table with columns for station codes (MAJO, MJAR, MAJ, etc.), frequencies, and signal quality metrics. Includes stations like MAJO Matsushiro, MJAR Matsushiro Arr, and MAJ Matsushiro.

Table with columns for station codes (AAK, ERM, ERM, etc.), frequencies, and signal quality metrics. Includes stations like AAK Ala-Archa, ERM Erimo, and ERM Erimo.

ZALV	comp=Z,4.7nm,0.9s,baz=297,slow=3.4,SNR=4.5	PKP2bc	23 02 22.2		
ZALV	LR	LR	23 06 17.8		
ZALV	comp=Z,3um,18.4s,MSS.5,baz=327,slow=39	P	22 33 56.1 -0.9		
ZALV	Zalesovo Beam	76.20 345	23 02 22.2		
ZALV	LR	LR	23 06 17.8		
KRAR	Krasnoyarsk	67.49 351	22 33 58.8 -0.1		
KRAR	comp=Z,483nm,1.5s,mb6.3	eP	22 34 03.7		
TRBA	At Turbah	67.84 289	22 34 02.4 +0.5		
TRBA	comp=Z,161nm,1.1s,mb6.0	eP	22 34 03.5 +0.6		
DHBB	Dhamar BB	67.99 290	22 34 03.4 -0.2		
BOD	Bodaibo	68.24 3	22 34 04.6 +0.7		
BOD	comp=Z,89nm,1.1s,mb5.7	eP	22 43 00.6 -3.2		
NRGR	Nerungri	68.30 10	22 34 02.5 -2.2		
NRGR	comp=N,69nm,0.8s	eP	22 34 25.7		
NVS	Novosibirsk	68.41 345	22 36 30.1		
NVS	comp=Z,106nm,1.6s,mb5.6	eP	22 36 34.0		
NVS	comp=N,37nm,1.5s	eP	22 42 57.7 -7.5		
NVS	comp=Z,29nm,1.5s	eP	22 43 52.8		
NVS	comp=N,90nm,1.6s	eP	22 34 05.9 +0.7		
NVS	comp=E,67nm,1.6s	eP	22 34 32.2		
NVS	comp=Z,106nm,1.6s,mb5.6	eP	22 36 32.6		
NVS	comp=N,37nm,1.5s	eP	22 43 03.8 -2.3		
NVS	comp=Z,33nm,1.5s,mb5.1	eP	22 34 05.9 +0.7		
NVS	comp=N,22nm,1.9s	eP	22 34 32.2		
CLNS	Chul'man	68.50 10	22 36 32.6		
CLNS	comp=Z,190nm,1.3s,mb6.0	eP	22 43 03.8 -2.3		
CLNS	comp=E,62nm,1.2s	eP	22 34 05.9 +0.7		
CLNS	comp=N,127nm,1.3s	eP	22 36 32.6		
CLNS	comp=Z,11nm,0.9s,mb4.9	eP	22 43 03.8 -2.3		
CLNS	comp=N,864nm,12.5s	eP	22 34 05.9 +0.7		
CLNS	comp=E,1um,16.0s,MSS.4	eP	22 36 32.6		
CLNS	comp=N,1um,17.0s,MSS.4	eP	22 43 03.8 -2.3		
CLNS	comp=Z,1um,16.0s,MSS.2	eP	22 34 05.9 +0.7		
FUNA	Funafuti	69.90 95	22 34 30.0 +1.5		
FUNA	comp=Z,13um,19.0s,MSS.2	eP	22 34 16.5 -1.2		
RDF	Al-Radifah	70.41 306	22 34 19.1		
RDF	comp=Z,450nm,1.0s,mb6.3,baz=306	eP	22 34 17.3 -1.2		
UMR	Umm Al-Rimmam	70.54 306	22 34 20.2		
UMR	comp=Z,425nm,0.9s,mb6.4,baz=306	eP	22 34 18.6 -1.4		
NAY	Al-Naaeim	70.79 306	22 34 21.1		
NAY	comp=Z,172nm,0.9s,mb6.0,baz=306	eP	23 04 41.2		
RAO	Raoul Island	70.93 117	23 04 41.2		
RAO	comp=Z,7um,19.2s,MSS.6,baz=251,slow=35	eP	22 34 23.5 +2.6		
RAO	Raoul Island	70.93 117	22 34 19.6 -1.2		
RAO	comp=Z,8um,21.0s,MSS.6	eP	22 34 22.1 +0.1		
MIB	Mutribah	70.94 307	22 34 22.1 +0.1		
MIB	comp=Z,299nm,1.2s,mb6.1,baz=307	eP	22 34 21.5 +0.2		
BVAR	Borovoye Array	71.03 337	22 34 21.0 -0.3		
BVAR	comp=Z,3um,18.6s,MSS.6,baz=145,slow=39	eP	22 34 21.0 -0.3		
KMBO	Kilima Mbogo	71.08 272	22 34 21.0 -0.3		
KMBO	comp=Z,29nm,0.7s,mb5.3,baz=173,slow=0.1,SNR=19	eP	22 34 27.6 -0.9		
KMBO	comp=Z,5um,18.3s,MSS.8,baz=40,slow=34	eP	22 34 27.6 -0.9		
KMBO	Kilima Mbogo	71.08 272	22 34 22.1 +0.1		
KMBO	comp=Z,5um,18.3s	eP	22 34 43.2 +0.9		
KMBO	comp=Z,104nm,1.4s,mb5.6	eP	22 34 21.5 +0.2		
KMBO	comp=Z,5um,22.0s,MSS.7	eP	22 34 21.0 -0.3		
BRVK	Borovoye	71.10 337	22 34 21.0 -0.3		
BRVK	comp=Z,564nm,1.0s,mb5.5,SNR=47	eP	22 34 21.0 -0.3		
BRVK	Borovoye	71.10 337	22 37 01.2		
BRVK	comp=Z,162nm,1.1s,mb5.9	eP	22 43 36.0 -0.9		
BRVK	comp=Z,4um,19.0s,MSS.7	eP	22 34 21.0 -0.4		
BRVK	Borovoye	71.10 337	22 34 41.6 +0.2		
BRVK	comp=Z,162nm,1.1s,mb5.9	eP	22 37 01.2 +1.9		
BRVK	comp=Z,5um,19.0s,MSS.7	eP	22 43 36.0 -0.9		
FURI	Furi	71.82 283	22 34 28.8 +2.2		
FURI	comp=Z,4um,19.0s,MSS.7	eP	22 43 31.2 -1.6		
FURI	Furi	71.82 283	22 34 29.0 +2.5		
FURI	comp=Z,46nm,0.9s,mb5.4,baz=302,slow=6.1,SNR=106	eP	22 34 27.6 -0.9		
VNDA	Vanda	72.33 169	23 03 47.7		
VNDA	comp=Z,2um,18.7s,MSS.5,baz=319,slow=34	eP	22 34 27.6 -0.9		
VNDA	Vanda	72.33 169	22 34 47.1		
VNDA	comp=Z,38nm,0.8s	eP	22 37 06.8		
VNDA	comp=Z,2um,20.0s	eP	22 34 41.6 +0.2		
VNDA	comp=Z,38nm,0.8s,mb5.4	eP	22 37 01.2 +1.9		
VNDA	comp=Z,2um,20.0s,MSS.4	eP	22 34 27.6 -0.9		
SYO	Syowa Base	72.66 201	22 34 27.2		
SYO	comp=Z,3um,20.0s,MSS.5	eP	22 34 38.8 +0.1		
AB31	Akbulak array	73.01 329	22 34 31.8 -1.1		
SBA	Scott Base	73.40 169	22 34 34.9 +0.1		
SBA	comp=Z,43nm,1.0s,mb5.3	eP	22 37 20.3		
SBA	comp=Z,43nm,1.0s,mb5.3	eP	22 34 51.4		
SBA	comp=Z,2um,19.0s,MSS.5	eP	22 34 51.4 +0.4		
SBA	comp=Z,43nm,1.0s,mb5.3	eP	22 37 20.3 +2.0		
SKR	Severo-Kuril's	73.75 29	22 34 35.9 -1.3		
SKR	comp=Z,3um,20.0s,MSS.6	eP	22 34 41.1 -2.1		
SKR	comp=Z,3um,20.0s,MSS.6	eP	22 34 50.0		
SKR	comp=Z,3um,20.0s,MSS.6	eP	22 37 29.0		
SKR	comp=Z,3um,20.0s,MSS.6	eP	22 39 06.0		
SKR	comp=N,90nm,1.0s	eP	22 44 06.0 -1.4		
SKR	comp=E,90nm,1.0s	eP	22 34 35.9 -1.3		

SKR	comp=Z,220nm,1.0s,mb6.0	pmax	pmax			
SKR	comp=Z,2um,4.0s	smax	smax			
SKR	comp=E,5um,12.0s	smax	smax			
YAK	comp=N,2um,10.0s	eP	eP			
Yakutsk	74.22 10d	iP	P	22 34 39.2 -0.5		
YAK	comp=Z,776nm,1.1s,mb5.5	eP	eP	22 34 49.6 +3.9		
YAK	comp=N,143nm,0.9s	eP	eP	22 34 54.1		
YAK	comp=E,73nm,0.8s	eP	eP	22 37 23.8		
YAK	comp=Z,25nm,0.9s,mb5.1	eP	eP	22 44 08.1 -4.1		
YAK	comp=E,1um,3.5s	eP	eP	22 44 43.6		
YAK	comp=N,1um,5.6s	eP	eP	22 34 38.9 -0.8		
Yakutsk	74.22 10j	iP	P	22 34 38.9 -0.8		
YAK	comp=N,608nm,0.8s,mb6.6	eP	eP	22 37 25.2 -0.5		
YAK	comp=Z,4um,19.0s,MSS.7	eP	eP	22 34 42.0		
BHD	Baghdad	74.66 309	iP	x	22 34 14.0	
BHD	comp=Z,52nm,0.8s,mb5.5,baz=208,slow=2.2,SNR=38	eP	eP	22 34 50.1 -0.4		
PETK	Petropavlovsk	76.07 28	iP	x	23 14 08.1	
PETK	comp=Z,1um,18.6s,MSS.2,baz=222,slow=40	eP	eP	22 34 52.1 -0.7		
PETK	Petropavlovsk	76.46 29j	iP	x	22 37 43.4	
PETK	comp=Z,39nm,0.7s,mb5.5	eP	eP	22 39 30.1		
PETK	comp=Z,2um,19.0s,MSS.3	eP	eP	22 44 36.2 -1.2		
PETK	comp=Z,132nm,1.3s,mb5.7	eP	eP	22 45 13.3		
PETK	comp=Z,2um,19.0s,MSS.3	eP	eP	22 49 33.4 +0.8		
PETK	comp=Z,132nm,1.3s,mb5.7	eP	eP	22 34 52.0 -0.7		
PETK	comp=Z,2um,19.0s,MSS.3	eP	eP	22 35 04.9 +0.5		
PETK	comp=Z,132nm,1.3s,mb5.7	eP	eP	22 37 41.1 -3.8		
MAK	Makhachkala	76.69 319d	iP	eP	22 34 55.4 +1.1	
MAK	comp=Z,259nm,1.5s,mb5.9	eP	eP	22 35 02.5 +2.2		
MAK	comp=N,14nm,0.5s	eP	eP	22 37 55.0		
MAK	comp=E,83nm,1.5s	eP	eP	22 39 30.7		
MAK	comp=E,1664um,8.1s	eP	eP	22 44 34.9 -5.4		
MAK	comp=N,1593um,9.6s	eP	eP	22 45 05.2		
MSL	Mosul	76.84 311	eP	SS	22 49 37.3 +0.9	
MSL	comp=Z,259nm,1.5s,mb5.9	eP	eP	22 34 46.0		
MSL	comp=N,14nm,0.5s	eP	eP	22 35 41.0		
MSL	comp=E,83nm,1.5s	eP	eP	22 38 00.0		
MSL	comp=E,1664um,8.1s	eP	eP	22 44 38.0		
MSL	comp=N,1593um,9.6s	eP	eP	22 34 56.6 +1.0		
HKKR	Hakkari	76.89 313	eP	x	22 34 58.1 +0.5	
GNI	Garni	77.27 315	eP	x	23 09 43.7	
GNI	comp=N,1um,21.7s,MSS.2,baz=91,slow=36	eP	eP	22 34 56.9 -0.7		
GNI	Garni	77.27 315j	eP	eP	22 35 07.7	
GNI	comp=Z,39nm,0.8s	eP	eP	22 37 50.5		
GNI	comp=Z,1um,20.0s	eP	eP	22 34 56.9 -0.7		
GNI	Garni	77.27 315j	eP	eP	22 35 07.7 -0.6	
GNI	comp=Z,39nm,0.8s,mb5.4	eP	eP	22 37 50.5 -1.5		
GNI	comp=Z,1um,20.0s,MSS.5	eP	eP	22 34 58.8 +0.5		
DGRG	David-gareji	77.40 317	eP	eP	22 34 59.6 -0.4	
MBAR	Mbarara	77.58 272	eP	eP	22 34 59.1 -0.9	
MBAR	comp=Z,116nm,0.9s,mb5.8,SNR=5.6	eP	eP	22 34 59.5 0.0		
MBAR	Mbarara	77.58 272j	eP	eP	22 37 59.7	
SVE	Sverdlovsk	77.67 335f	eP	eP	22 44 48.0 -2.4	
SVE	comp=Z,321nm,1.0s,mb6.2	eP	eP	22 34 59.8 +0.2		
SVE	comp=Z,4um,22.0s,MSS.7	eP	eP	22 38 00.9		
MA2	Magadan	77.71 21	eP	eP	22 34 59.8 +0.2	
MA2	comp=Z,1um,20.0s,MSS.2	eP	eP	22 38 00.9		
MA2	Magadan	77.71 21j	eP	eP	22 44 47.7 -1.4	
MA2	comp=Z,100nm,1.1s,mb5.7	eP	eP	22 34 59.9 +0.3		
MA2	comp=Z,1um,20.0s,MSS.2	eP	eP	22 35 09.8 +0.2		
MA2	comp=Z,61nm,0.8s,mb5.6	eP	eP	22 37 54.3 -0.9		
MA2	comp=Z,1um,19.0s,MSS.3	eP	eP	22 35 00.4 -0.6		
LSZ	Lusaka	77.77 257j	eP	eP	22 35 10.9	
LSZ	comp=Z,88nm,0.8s,mb5.7	eP	eP	22 35 10.9		
LSZ	comp=Z,4um,19.0s,MSS.8	eP	eP	22 35 00.4 -0.6		
LSZ	Lusaka	77.77 257j	eP	eP	22 35 10.9 -0.1	
LSZ	comp=Z,88nm,0.8s,mb5.7	eP	eP	22 37 49.1 -7.5		
LSZ	comp=Z,4um,19.0s,MSS.8	eP	eP	22 35 02.6 +1.5		
MTA	Mtatsminda	77.90 317	eP	eP	22 35 03.4 +1.5	
AFI	Afiama	77.94 102	eP	eP	22 38 05.4	
AFI	comp=Z,89nm,0.9s,mb5.7	eP	eP	22 35 02.3 -0.6		
AFI	comp=Z,3um,20.0s,MSS.6	eP	eP	22 37 59.4 -0.7		
AFI	Afiama	77.94 102	eP	eP	22 35 03.4 +1.4	
AFI	comp=Z,90nm,0.9s,mb5.7	eP	eP	22 38 05.4 +7.4		
AFI	comp=Z,3um,20.0s,MSS.6	eP	eP	22 35 01.5 +0.1		
AFI	comp=Z,3um,20.0s,MSS.6	eP	eP	22 35 04.6 +1.5		
AFI	comp=Z,3um,20.0s,MSS.6	eP	eP	22 35 02.9 0.0		
TBLG	Delisi	77.95 317	eP	eP	22 35 04.6 +1.5	
AGRB	Hanur-Agry	78.25 314	eP	eP	22 35 02.9 0.0	
ARU	Arti	78.27 334	eP	eP	22 35 02.3 -0.6	
ARU	comp=Z,1um,0.9s,mb6.8,SNR=54	eP	eP	22 37 58.8		
ARU	Arti	78.27 334j	eP	eP	22 44 55.9 -1.0	
ARU	comp=Z,313nm,1.2s,mb6.1	eP	eP	22 53 19.5		
ARU	comp=Z,4um,21.0s,MSS.8	eP	eP	22 35 02.3 -0.6		
ARU	Arti	78.27 334j	eP	eP	22 35 02.3 +1.5	
ARU	comp=Z,207nm,1.0s,mb6.0	eP	eP	22 37 59.4 -0.7		
ARU	comp=Z,3um,20.0s,MSS.7	eP	eP	22 35 04.6 +0.3		
GOR	Gori	78.49 317	eP	eP	22 35 05.9 +2.3	
KARS	Kars	78.60 315	eP	eP	22 45 58.5	
AKH	Akhalkalaki	78.66 316	eP	eP	22 46 07.2 -3.2	
BTMT	Batman	78.77 312	eP	eP	22 35 07.9 +1.9	
LBTB	Labatse	79.00 246	eP	eP	22 35 07.1 -0.6	

LBTB	comp=Z,49nm,0.8s,mb5.5	eP	eP	22 35 17.2		
LBTB	comp=Z,2um,19.0s,MSS.5	eP	eP	22 38 07.1		
LBTB	Lobatse	79.00 246	eP	eP	22 35 07.0 -0.6	
LBTB	comp=Z,49nm,0.8s,mb5.5	eP	eP	22 35 17.2 +1.0		
LBTB	comp=Z,2um,19.0s,MSS.5	eP	eP	22 38 07.1 +0.4		
ONI	Oni	79.18 317	eP	eP	22 35 08.2 0.0	
MRKH	Merghyat	79.46 288	eP	eP	22 35 10.2 -0.1	
GSPA	South Pole Qui	79.51 180	eP	e		

N02C	Big Bar	125.61	47	P	PKPdf	22 42 06.0 +1.1
J04A	Umpqua Nationa	125.62	44	↑P	PKPdf	22 42 05.2 +0.4
H05A	Madras	125.68	42	↓P	PKPdf	22 42 05.5 +0.6
C08A	Higginbotham F	125.72	38	P	PKPdf	22 42 05.2 +0.4
YBH	Yreka Blue Hor	125.74	46	P	PKPdf	22 42 06.0 +0.9
YBH	Yreka Blue Hor	125.74	46	ePKPdf	PKPdf	22 42 05.9 +0.8
M02C	Callahan	125.75	46	↑P	PKPdf	22 42 05.8 +0.6
E07A	Sunnyside	125.77	39	↓P	PKPdf	22 42 05.6 +0.6
G06A	Carlson Farm,	125.83	41	↑P	PKPdf	22 42 05.6 +0.5
I05A	Bend	125.84	42	↑P	PKPdf	22 42 05.9 +0.7
B09A	Rice	125.95	37	P	PKPdf	22 42 06.0 +0.8
EDM	Edmonton	125.95	30	ePKKIP	PKPdf	22 42 05.2 +0.1
F07A	Phinny Hill Vi	126.01	40	↑P	PKPdf	22 42 06.0 +0.5
P01C	Double 8 Ranch	126.01	49	↓P	PKPdf	22 42 06.4 +0.7
HAWA	Hanford	126.04	39	ePKPdf	PKPdf	22 42 05.7 +0.2
K04A	Chiquin	126.11	44	↑P	PKPdf	22 42 06.3 +0.5
LHEM	Hehr Peak	126.12	46	P	PKPdf	22 42 06.5 +0.7
D08A	Wollman Farm,	126.12	38	P	PKPdf	22 42 06.5 +0.8
YIPM	Ingram Point	126.13	42	PKKIP	PKPdf	22 42 07.3 +1.5
C09A	Christan Ranch	126.17	37	↑P	PKPdf	22 42 06.1 +0.4
O02C	Red Bluff	126.19	48	↓P	PKPdf	22 42 06.8 +0.8
J05A	Fort Road	126.20	43	↓P	PKPdf	22 42 06.6 +0.7
H06A	Lindquist Farm	126.23	41	P	PKPdf	22 42 06.8 +0.9
WDC	Whiskeytown Da	126.24	47	P	PKPdf	22 42 06.6 +0.5
WDC	Whiskeytown Da	126.24	47	ePKPdf	PKPdf	22 42 06.4 +0.3
E08A	Dider Farm, El	126.29	39	↑P	PKPdf	22 42 06.4 +0.4
M03C	McCloud	126.31	46	↓P	PKPdf	22 42 06.8 +0.6
M04C	Macdoel	126.33	45	P	PKPdf	22 42 07.4 +1.2
H0PS	Hopland	126.35	49	↓P	PKPdf	22 42 07.8 +1.4
H0PS	Hopland	126.35	49	PFAKE	PKPdf	22 42 20.0 +1.4
GASB	Alder Springs	126.41	48	↑P	PKPdf	22 42 07.6 +1.2
G07A	Ruggs Ranch, H	126.44	41	↑P	PKPdf	22 42 07.0 +0.7
D09A	Jones Farm, Ri	126.49	38	↓P	PKPdf	22 42 06.4 0.0
I06A	Prineville	126.63	42	↑P	PKPdf	22 42 07.5 +0.8
NEW	Newport	126.63	36	ePKKIP	MLR	22 42 07.4 +0.8
K05A	Summer Lake	126.64	44	P	PKPdf	22 42 08.2 +1.4
A11A	Hall Mountain,	126.72	35	↓P	PKPdf	22 42 08.1 +1.3
MCCM	Marconi Confer	126.75	50	↓P	PKPdf	22 42 07.5 +0.4
MCCM	Marconi Confer	126.75	50	PFAKE	LR	22 42 20.0 +1.3
F08A	Pendleton	126.78	40	↑P	PKPdf	22 42 07.3 +0.3
FARB	Farallon Islan	126.79	51	↑P	PKPdf	22 42 07.6 +0.4
O03C	Acorn Hollow,	126.80	48	↑P	PKPdf	22 42 07.3 +0.1
N5HM	Saint Helena R	126.84	49	ePKPdf	PKPdf	22 42 08.7 +1.4
E09A	Wood Farm, Sta	126.85	39	↓P	PKPdf	22 42 07.4 +0.3
MNRC	McLaughlin Nat	126.86	49	↓P	PKPdf	22 42 08.1 +0.8
HATC	Hat Creek Radi	126.94	46	↑P	PKPdf	22 42 08.1 +0.7
L05A	Lakeview	126.94	45	P	PKPdf	22 42 08.9 +1.5
J06A	Christmas Vall	126.94	43	P	PKPdf	22 42 08.3 +1.0
M05C	Lookout	126.97	46	↑P	PKPdf	22 42 07.9 +0.5
B11A	Sandpoint	126.98	36	↓P	PKPdf	22 42 07.9 +0.6
CVS	Carnerney Viney	127.01	50	↑P	PKPdf	22 42 07.9 +0.3
I07A	Ize	127.04	42	P	PKPdf	22 42 08.8 +1.3
K06A	Valley Falls	127.05	44	P	PKPdf	22 42 08.9 +1.3
D10A	Wagner Farm, O	127.12	38	P	PKPdf	22 42 08.1 +0.5
A12A	Yaak River Ran	127.13	35	↑P	PKPdf	22 42 07.9 +0.4
SUTB	Sutter Butte	127.23	48	↑P	PKPdf	22 42 08.2 +0.2
Q03C	Wintere	127.25	49	↑P	PKPdf	22 42 08.6 +0.5
ORV	Oroville	127.33	48	↓P	PKPdf	22 42 08.1 -0.1
MOD	Modoc	127.36	45	↑P	PKPdf	22 42 08.8 +0.6
MOD	Modoc	127.36	45	ePKPdf	PKPdf	22 42 09.2 +1.0
F09A	S2 Ranch, Elg	127.36	39	↑P	PKPdf	22 42 07.9 -0.2
O04C	Chester	127.37	47	↓P	PKPdf	22 42 08.6 +0.3
H08A	Prairie City	127.40	41	↓P	PKPdf	22 42 08.8 +0.7
J07A	Hines	127.46	43	↓P	PKPdf	22 42 09.6 +1.3
E10A	Myers Farm, Un	127.49	38	P	PKPdf	22 42 09.3 +1.0
M06C	Likely Place G	127.49	46	↓P	PKPdf	22 42 09.3 +0.8
BNLO	Ben Lomond (Sa	127.59	51	↑P	PKPdf	22 42 09.1 +0.4
O05C	Quincy	127.62	47	↑P	PKPdf	22 42 09.5 +0.8
G09A	Cove	127.63	40	↓P	PKPdf	22 42 09.2 +0.6
Q04C	Lincoln	127.66	49	↓P	PKPdf	22 42 08.8 -0.1
F10A	Beach Ranch, E	127.66	39	↑P	PKPdf	22 42 09.1 +0.4
D11A	Klaveano Farm,	127.69	37	↑P	PKPdf	22 42 08.7 +0.1
I08A	Drewsey	127.72	42	P	PKPdf	22 42 09.7 +0.9
WENL	Wente Brothers	127.76	50	↓P	PKPdf	22 42 10.2 +1.1
K07A	Rock Creek Ran	127.77	43	↓P	PKPdf	22 42 10.3 +1.4
L07A	Adeli	127.97	44	↓P	PKPdf	22 42 10.6 +1.2
H09A	Durkee	127.98	41	↑P	PKPdf	22 42 10.2 +0.9
J08A	Circle Bar Ran	128.02	42	↑P	PKPdf	22 42 10.1 +0.7
WALA	Waterton Lakes	128.04	34	ePKPdf	PKPdf	22 42 09.6 +0.3
G10A	Bishop Farm, J	128.04	40	↓P	PKPdf	22 44 15.2 +3.2
BEKR	Beckwourth	128.06	47	↓P	PKPdf	22 42 10.4 +0.8
P05C	Yuba Gap, Truc	128.07	48	↑P	PKPdf	22 42 10.9 +1.3
B13A	Whitefish	128.09	35	↓P	PKPdf	22 42 10.0 +0.6

E11A	Bogner Ranch,	128.10	38	P	PKPdf	22 42 09.6 +0.2
N06A	Buffalo Meadow	128.11	46	P	PKPdf	22 42 11.0 +1.4
S04C	Ingram Canyon,	128.12	50	↑P	PKPdf	22 42 10.6 +0.8
BMO	Blue Mountains	128.12	40	PFAKE	LR	22 42 20.0 +1.0
LAVA	Lava Cap Winer	128.16	49	P	PKPdf	22 42 10.8 +1.0
R04C	Big Horse Ranc	128.17	49	↑P	PKPdf	22 42 10.2 +0.4
I09A	Lost Marbles R	128.24	41	↓P	PKPdf	22 42 10.4 +0.6
K08A	Mann Creek Ran	128.27	43	↓P	PKPdf	22 42 10.5 +0.6
HAST	Hastings Reser	128.28	52	↑P	PKPdf	22 42 10.3 +0.2
WVOR	Wild Horse Val	128.29	43	ePKKIP	PKPdf	22 42 11.0 +1.1
WACR	Pacheco Peak	128.30	51	↑P	PKPdf	22 42 11.1 +1.0
O06A	Flanigan	128.33	47	P	PKPdf	22 42 11.3 +1.2
M07A	Golar Meadow	128.34	45	↑P	PKPdf	22 42 10.4 +0.3
F11A	Grangeville	128.36	39	↓P	PKPdf	22 42 09.9 -0.1
C13A	Holt Springs	128.40	36	P	PKPdf	22 42 10.5 +0.5
P06A	Steed Airport,	128.45	47	↓P	PKPdf	22 42 11.0 +0.6
J09A	Fry Pan Ranch,	128.50	42	↓P	PKPdf	22 42 11.0 +0.7
G11A	Walters Elk Ra	128.52	39	↓P	PKPdf	22 42 10.3 0.0
L08A	Fields	128.59	44	↑P	PKPdf	22 42 11.1 +0.6
H10A	Noah's Angus R	128.60	40	↑P	PKPdf	22 42 10.5 0.0
V03C	Hunter Liggett	128.63	52	↓P	PKPdf	22 42 11.1 +0.3
CMB	Columbia Colle	128.66	49	↑P	PKPdf	22 42 11.4 +0.6
CMB	Columbia Colle	128.66	49	ePKPdf	PKPdf	22 42 11.8 +1.0
R05C	Kirkwood Meado	128.66	48	↑P	PKPdf	22 42 11.5 +0.7
W07C	Washoe City	128.69	48	↓P	PKPdf	22 42 11.6 +0.8
N03A	Gench	128.71	46	↑P	PKPdf	22 42 12.0 +1.2
D17A	Huson	128.77	36	↑P	PKPdf	22 42 10.4 -0.3
I10A	Payette	128.79	41	↓P	PKPdf	22 42 11.7 +0.9
K09A	Rome	128.79	43	↓P	PKPdf	22 42 11.2 +0.3
PAHR	Pah Rah Range	128.81	47	ePKPdf	PKPdf	22 42 12.4 +1.4
M08A	Happo Creek Ra	128.86	45	↑P	PKPdf	22 42 10.9 -0.2
U04C	Hernandez Rese	128.88	51	↓P	PKPdf	22 42 12.2 +0.9
S05C	Merced	128.92	50	↑P	PKPdf	22 42 12.1 +0.8
FCC	Fort Churchill	128.95	15	ePKKIP	PKPdf	22 42 10.2 -0.5
F12A	Elk City	128.97	38	P	PKPdf	22 42 11.5 +0.4
O07A	Toun	129.01	46	↑P	PKPdf	22 42 12.3 +0.9
H11A	Donnelly	129.01	40	↑P	PKPdf	22 42 11.9 +0.6
PLCA	Paso Flores	129.02	181	PKP	PKPdf	22 42 11.5 0.0
PLCA	Paso Flores	129.02	181	PKP	PKPdf	22 42 11.5 0.0
S06C	San Francisco	129.11	49	↑P	PKPdf	22 42 12.4 +0.7
J10A	Berg Farm, Mel	129.11	42	↑P	PKPdf	22 42 12.1 +0.6
R09A	Wilkinson Ranc	129.12	44	↑P	PKPdf	22 42 11.8 +0.3
L06A	Coleville	129.18	48	↑P	PKPdf	22 42 12.9 +1.1
PKD	Parkfield	129.19	52	↑P	PKPdf	22 42 10.9 -0.9
M5O	Missoula	129.21	36	ePKPdf	PKPdf	22 42 12.0 +0.5
E13A	Victor	129.27	37	↑P	PKPdf	22 42 11.8 +0.2
N08A	GE Springer Mi	129.29	45	↓P	PKPdf	22 42 12.8 +0.9
K10A	MacKenzie Ranc	129.32	42	↑P	PKPdf	22 42 12.6 +0.7
D14A	Greengrub	129.33	36	↓P	PKPdf	22 42 11.5 -0.3
I11A	Placerville	129.41	41	↓P	PKPdf	22 42 13.0 +1.0
O08A	Rocheater Mine	129.47	46	↓P	PKPdf	22 42 13.3 +1.0
T06C	Millerton Lake	129.50	50	↓P	PKPdf	22 42 12.1 -0.3
Q07A	Schurz	129.51	48	↑P	PKPdf	22 42 13.2 +0.9
M09A	Marrel Ranch,	129.51	44	↑P	PKPdf	22 42 12.6 +0.3
F13A	Darby	129.52	38	↑P	PKPdf	22 42 12.1 -0.1
CHMT	Chamberlain Mo	129.57	36	eP	PKPdf	22 42 12.7 +0.5
R07C	Lee Vining	129.63	49	eP	PKPdf	22 42 13.2 +0.6
KCC	Kaiser Creek	129.69	50	↑P	PKPdf	22 42 15.1 +2.3
N09A	Rock Creek Ran	129.69	45	↑P	PKPdf	22 42 13.8 +1.1
E14A	Clinton	129.69	37	↓P	PKPdf	22 42 12.9 +0.4
V05C	Boulder Hill,	129.71	52	↑P	PKPdf	22 42 14.3 +1.4
MFC	Camas Ranch,	129.73	41	↓P	PKPdf	22 42 13.7 +1.1
P08A	Dix Valley	129.75	47	↓P	PKPdf	22 42 13.8 +1.0
SMCC	Simmler	129.80	53	↑P	PKPdf	22 42 14.2 +1.1
H12A	Diamond D Ranc	129.81	39	↓P	PKPdf	22 42 13.3 +0.5
FFC	Flin Flon	129.83	22	ePKKIP	MLR	22 42 12.2 -0.3
K11A	Par Ranch	129.88	43	↓P	PKPdf	22 42 14.0 +1.1
L10A	Juniper Basin	129.90	43	↓P	PKPdf	22 42 14.2 +1.2
D15A	Lincoln	129.92	36	↓P	PKPdf	22 42 13.3 +0.4
G13A	Cobalt	129.9				

26d 22h

2007 JUN

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like 013A Hicks Ranch, SHOC Shoshone, HVU Hansel Valley, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SRU San Rafael, T16A Glen Canyon, V15A Kaibab Natara, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BDFB Brasilia, PKME Peaks-Kenny Pk, MSNY Massa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tuckaleechee C, Popocatepeti, La Paz, etc.

DDA 26 22:32:52.2, 3926N:3265E, h7km, 2km, Md3.1
ISCJB 26 22:32:53.7, 0.8, 3918N:004:3265E:005, h8km, 7km,
Error ellipse: s-maj=7.9km s-min=4.6km az=137.5

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

ISCJB 26 22:40:48.7, 1.3, 3526N:005:1413E:0.1, h29km, 7km,
mb3.7/3, Error ellipse: s-maj=14.8km s-min=8.7km
az=167.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHOU, BSO1, BSO3, etc.

IDC 26 22:49:02.6, 0.4, 1051S:10813E, h0km, mb4.7/2.1,
mb1.4/8/24, mb1mx4.8/26, mbmp4.7/24, ML4.8/3, Error
ellipse: s-maj=17.3km s-min=10.8km az=59.0

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like XMI, BJI, LEM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alum Creek Sta, Mount Ida, University of, etc.

BJN 26 22:54:09, 676N, 12720E, h21km, mb5.3, ML4.3, MS4.5
MAJ 26 22:54:10.3, 631N, 12736E, h77km, mb5.1, m4.7, Ms4.9, Msz4.7

MOS 26 22:54:11.8, 1.1, 703N, 12672E, h33km, mb4.0/6, Error ellipse: s-maj=17.3km s-min=10.3km az=101.7
ISJCJB 26 22:54:16.0, 0.7, 703N, 12690E, h70km, mb6km, mb4.5/30, Error ellipse: s-maj=8.5km s-min=5.7km az=167.0

IDC 26 22:54:16.8, 4.1, 704N, 12676E, h60km, mb3.8km, mb4.2/20, mb1.4/32, mb1mx4.2, 2/29, mbmp4.3/22, ML4.5/2, Error ellipse: s-maj=24.5km s-min=10.0km az=84.0

NEIC 26 22:54:18.5, 1.1, 703N, 12686E, h78km, mb4.8/11, Error ellipse: s-maj=10.4km s-min=5.0km az=79.0
DJA 26 22:54:27.6, 633N, 12820E, h00km, ML5.3/4
ISC 26 22:54:17.8, 0.7, 703N, 12690E, h70km, mb6km, mb3.1/1068, mb4.5/30, 3C-3D, Mindanao

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CD2, CD2, comp=Z,10.0nm, 0.7s, mb4.7, etc.

VNDA Vanda 86.65 173 P P 23 06 53.6 +0.4
KIN Inuvik 87.06 22 P P 23 06 54.1 -1.3

YKA Yellowknife Arr 96.44 24 P P 23 07 39.3 +0.3
TXAR Lajitas Array 119.43 51 P P 23 13 01.5 +1.5

MIAR Mount Ida 123.69 40 P P 23 13 07.7 +0.6
PLCA Pazar-Rize 142.98 58 P P 23 13 42.3 -1.7

TRQA Torquist 148.08 167 P P 23 13 56.1 +0.2
IDC 26 22:59:31.8, 8.3, 0.3, 1531S, 17645W, h0km, mb4.3/3, mb1.4/5.3, mb1mx3.9/16, mbmp4.3/7, Error ellipse: s-maj=816.2km s-min=167.5km az=77.0, Fiji Islands

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

MOS 26 23:11:46.3, 0.1, 4.359N, 134.13E, h422km, mb3.9/5, Error ellipse: s-maj=18.0km s-min=11.3km az=121.3
ISJCJB 26 23:11:46.9, 0.3, 4355N, 0.04, 134.33E, 0.06, h443km, 5km, mb3.6/11, Error ellipse: s-maj=7.8km s-min=5.7km az=43.5

SKHL 26 23:11:47.9, 0.9, 4358N, 134.31E, h436km, 22km, mb4.3/3
IDC 26 23:11:47.9, 1.1, 4357N, 134.25E, h436km, 17km, mb3.1/6, mb1.3/11, mb1mx3.0/24, mbmp3.1/11, Error ellipse: s-maj=19.7km s-min=12.9km az=50.0

NEIC 26 23:11:48.0, 0.4, 4357N, 134.23E, h435km, 7km, mb3.8/6, Error ellipse: s-maj=10.1km s-min=6.7km az=52.0
JMA 26 23:11:50.6, 0.5, 4321N, 134.93E, h468km, M3.6
ISC 26 23:11:47.9, 0.3, 4360N, 0.05, 134.27E, 0.06, h436km, 5km, mb4.8, 1805/58, mb3.8/11, C, Primary

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

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

IDC 26 23:11:53.3, 1.1, 701N, 12655E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.7/20, mbmp3.8/6, Error ellipse: s-maj=58.4km s-min=19.7km az=78.0
ISJCJB 26 23:11:59.1, 1.7, 703N, 12610E, h61km, mb1.9km, mb3.6/6, Error ellipse: s-maj=48.4km s-min=15.9km az=175.9

ISC 26 23:11:59.2, 0.2, 703N, 12610E, h0km, 23km, m9, 0.676/10, mb3.6/6, 1D, Mindanao

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

DDA 26 23:18:41.4, 4.1, 0166N, 4239E, h26km, MD3.5
TIF 26 23:18:42.6, 4.0, 292N, 4226E, h9km, 1km
ISJCJB 26 23:18:42.0, 0.4, 4098N, 0.04, 4229E, 0.02, h10km, Error ellipse: s-maj=3.7km s-min=2.5km az=179.4

CSEM 26 23:18:42.0, 0.1, 4096N, 4219E, h5km, MD3.5, Error ellipse: s-maj=2.4km s-min=1.3km az=17.0
NSSP 26 23:18:42.3, 4.0, 292N, 4230E, h5km, ML3.0
ISK 26 23:18:42.2, 4.0, 292N, 4219E, h5km, MD3.7
ISC 26 23:18:42.6, 0.4, 4097N, 4220E, h25km, 0.02, h5km, 23km, m26, 0.113/42, 3D, Turkey

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

IDC 26 23:36:10.4, 2.4, 1020S, 11934E, h0km, mb3.8/3, mb1.3/7.5, mb1mx3.6/14, mbmp3.6/5, ML3.3/2, MS3.3/1, Ms1.3/1, ms1mx3.2/18, Error ellipse: s-maj=154.0km s-min=27.0km az=53.0, Sumba region

MKAR Makanchi Array 65.67 333 P P 23 46 56.8 +0.3
ZALV Zalesovo Beam 70.27 339 P P 23 47 24.4 -0.9

IDC 26:23:44.25:0.8, 10625N, 10801E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.9/19, mbtmp3.9/9, ML4.1/1, Error ellipse: s-maj=32.7km s-min=17.2km az=58.0, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Rows include FITZ, WRA, ASAR, STKA, SONM, MKAR, MAW, ZALV, VNDA, BDBF, TXAR.

TEH 27:00:07:55.5, 2955N, 5140E, h17km, ML3.5
CSEM 27:00:08:50.8, 0.1, 2958N, 5141E, h30km, ML3.5, Error ellipse: s-maj=1.6km s-min=1.5km az=90.0

THR 27:00:08:50.3, 0.4, 2968N, 5152E, h14km, 11km, ML3.6
ISCBJ 27:00:08:52.1, 0.4, 2958N, 003:5146E, 005, h83km, 15km, Error ellipse: s-maj=7.7km s-min=5.0km az=12.8

ISC 27:00:08:53.7, 0.4, 2959N, 003:5145E, 005, h60km, 26km, n35, c1903/43, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Rows include SHI, IPAR, SARVESTAN, GHIR, GHARNEH, PIRPIR, UMM, UMR, KFJS, IZEF, SHGR, NASN, RDF, MIB, ICHK, NAY, IKLH, IBAF, KRBR, SLWS, IVRN, BTHS, IKOM, DAMF, ASYS, HRDSD, LYLS.

MOS 27:00:35:45.8, 1.1, 5217N, 15734E, h125km, mb4.4/60, Error ellipse: s-maj=9.5km s-min=5.6km az=85.1
KRSC 27:00:35:46.2, 0.3, 5189N, 15799E, h121km, 31km, ML4.7

ISCBJ 27:00:35:46.0, 0.3, 5198N, 003:15753E, 004, h134km, 2km, mb4.3/110, Error ellipse: s-maj=9.9km s-min=3.3km az=151.3

BUJ 27:00:35:46.4, 5243N, 15727E, h123km, mb4.6, mb4.7
NEIC 27:00:35:48.2, 0.7, 5220N, 15737E, h134km, 6km, mb4.6/80, Error ellipse: s-maj=6.7km s-min=4.3km az=161.0

IDC 27:00:35:48.4, 0.7, 5217N, 15726E, h137km, 6km, mb3.8/23, mb1 4.0/24, mb1mx4.0/28, mbtmp3.9/24, Error ellipse: s-maj=14.5km s-min=9.8km az=147.0

ISC 27:00:35:47.0, 3.5, 5209N, 003:15741E, 004, h132km, 2km, h136km, 2.6km, p-P, n349, c1500/363, mb4.3/110, 31C-32D, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Rows include MIPR, GRL, RUS, PETK, PET.

PET comp=Z,210nm,0.7s pmax pmax
PET comp=N,2um,0.5s smax

PET comp=E,2um,0.6s smax
PET comp=N,240nm,0.4s pmax pmax
PET comp=Z,2um,1.5s pmax pmax

PET comp=N,9um,0.5s smax
PET comp=E,3um,0.2s smax
PET comp=N,12um,1.0s smax

GNL Ganaly 1.64 11 eP Pn 00 36 18.0 +0.5
ALID Alaid 1.69 224 eP Pn 00 36 40.4 -0.7
SPN SPN 1.89 57 eP Pn 00 36 18.2 -2.2

KII Karymskiy 2.31 31 eP Pn 00 36 27.1 +1.6
MKZ Mys Kozlova 3.58 45 eP Pn 00 36 58.4 -5.4
TUMR Tumrok 3.59 26 eP Pn 00 36 43.7 +1.7

KMNR Kamenistaya 4.04 23 eP Pn 00 36 50.0 +2.1
KPT Kopyto 4.22 22 eP Pn 00 36 52.8 +2.4
KOZ Kozzyrevsk 4.24 19 eP Pn 00 36 52.2 +1.7

KOZR Kozyr 4.25 19 Pn Pn 00 36 52.2 +1.5
BZMR Bredynnyannaya 4.26 24 eP Pn 00 36 53.2 +2.3
SRDR Srednyy 4.45 17 eP Pn 00 36 54.2 +0.8

BRK Bairdarnaya 5.01 25 eP Pn 00 37 02.0 +1.2
SRK Sorokina 5.08 24 eP Pn 00 37 02.9 +1.2
KBR Krutoberegovo 5.21 35 eP Pn 00 37 03.0 -0.5

MA2 Magadan 8.38 336 eP Pn 00 37 47.5 +1.4
YSS Yuzh-Sakhalins 10.82 247 eP Pn 00 38 19.9 +1.1
SEY Seymchan 11.20 348 eP Pn 00 38 26.2 +2.5

ASAJ Asahikawa 12.70 237 P Pn 00 38 44.4 +1.0
ASAJ Asahikawa 12.70 237 Pmax Pmax 00 38 44.4 +1.0

ERM Erimo 13.97 229 eP Pn 00 39 00.0 +0.2
HABR Khabarovsk 14.73 265 eP Pn 00 39 08.3 -1.1
HABR Kul'dur 16.49 270 eP Pn 00 39 28.8 -2.8

BILL Bilibino 16.57 127 eP Pn 00 39 27.8 -4.1
BILL Bilibino 16.57 127 eS S 00 42 34.1 -2.2
BILL Bilibino 16.57 12 eP Pn 00 39 30.9 -1.0

YAK Yakutsk 17.92 315 eP Pn 00 39 47.2 -1.0
YAK Yakutsk 17.92 315 Pmax Pmax 00 39 47.2 -1.0

YAK comp=N,5.0nm,1.2s 17.92 315 eP Pn 00 39 47.9 -0.3
YAK comp=N,51nm,0.6s 19.85 259 P Pn 00 40 08.3 +0.1

MDJ Mudanjiang 19.85 259 P AMB AMB 00 40 08.3 +0.1
MDJ comp=Z,5.0nm,1.1s 20.64 229 P Pn 00 40 16.1 -0.6

MJAR Matsushiro Arr 20.64 229 P Pn 00 40 16.8 +0.1
MJAR Matsushiro Arr 20.64 229 eP Pmax 00 40 16.8 +0.1

MAJO Matsushiro 20.64 229 eP Pmax 00 40 19.3 +2.6
MAJO Matsushiro 20.64 229 eP Pmax 00 40 19.2 +2.5

MAT Matsushiro 20.64 229 P P 00 40 16.4 -0.3
TIXI Tiksi 23.35 338 eP Pmax 00 40 43.5 -0.3

TIXI Tiksi 23.35 338 eP Pmax 00 40 43.5 -0.3
HIA Helian 26.65 48 eP P 00 40 47.8 -0.8
KRSR Krea Army 25.32 246 P P 00 41 01.9 -0.1

INCN Incheon 26.03 248 eP P 00 41 10.1 +1.7
TTA Tatiana 26.65 48 eP P 00 41 13.3 -0.3
JNU Nakatsue 26.97 236 P P 00 41 17.4 +0.6

IMA2 Indian Mountain 27.88 41 eP P 00 41 24.1 -0.4
KDAD Kodiak Island 28.73 59 eP P 00 41 30.4 -1.8

PMR Palmer 29.91 50 eP P 00 41 42.5 -0.1
COLA College 30.27 44 eP Pmax 00 41 45.0 -0.7

COLA comp=Z,4.0nm,0.5s,mb4.4 30.27 44 eP P 00 41 45.0 -0.7
COLA comp=Z,4.3nm,0.5s,mb4.4 30.63 263 P P 00 41 49.8 +0.6

SONM Songoing Array 32.54 283 P P 00 42 06.6 +0.8
SONM comp=Z,0.3nm,0.4s,mb3.4,baz=38,slo=9.4,SNR=5.1 P P 00 44 49.1 -0.1

SONM comp=Z,0.9nm,0.9s,baz=34,slo=3.5,SNR=6.4 P ScP 00 48 20.5 +0.1
SONM comp=Z,1.0nm,0.8s,baz=37,slo=3.6,SNR=7.3 P P 00 42 06.8 +1.0

SONM comp=Z,5.3nm,0.8s,mb4.3 P P 00 42 05.3 -0.6
HHC Hu-ho-hao-te 32.99 269 eP P 00 42 09.8 0.0

HHC Hu-ho-hao-te 32.99 269 eP P 00 42 39.0 +0.7
HHC Hu-ho-hao-te 32.99 269 eP P 00 42 54.0 +0.6

HHC Hu-ho-hao-te 32.99 269 eP P 00 43 25.3 -1.5
HHC Hu-ho-hao-te 32.99 269 eP P 00 44 52.0 +1.5

HHC Hu-ho-hao-te 32.99 269 eP P 00 47 17.5 -0.7
HHC Hu-ho-hao-te 32.99 269 eP P 00 48 06.5 -1.6

HHC Hu-ho-hao-te 32.99 269 eP P 00 48 21.5 -0.7
HHC Hu-ho-hao-te 32.99 269 eP P 00 48 35.5 -0.5

HHC Hu-ho-hao-te 32.99 269 eP P 00 49 24.0 -2.2
HHC Hu-ho-hao-te 32.99 269 eP P 00 52 20.8 -1.8

CD2 comp=Z,10.0nm,0.6s,mb4.6 AP pP 00 44 14.8 +1.4
CD2 XP sP 00 44 30.8 +2.6
CD2 S S 00 50 08.5 +1.4

CD2 SS SS 00 53 21.0 -8.8
CD2 AMB AMB
CD2 comp=Z,10.0nm,0.6s,mb4.6 AMB AMB

RES Resolve Bay 44.86 21 eP P 00 43 48.8 +0.6
YKWS Yellowknife Arr 44.97 41 eP P 00 43 49.1 0.0

YKA Yellowknife Arr 45.01 41 P P 00 43 49.1 -0.2
YKA Yellowknife Arr 45.01 41 eP Pmax 00 43 49.5 +0.1

GYA Guiyang 45.67 256 P P 00 43 57.5 +2.4
GYA AP pP 00 44 28.5 +3.5
GYA XP sP 00 44 44.8 +5.0

GYA PCP pP 00 45 34.0 +3.1
GYA PP pP 00 45 46.8 +2.3
GYA SCP ScP 00 49 13.0 +1.7

GYA PCS PcS 00 49 27.5 +2.1
GYA S S 00 50 29.5 +1.5
GYA XS sS 00 51 23.5 +3.7

GYA SCS ScS 00 53 37.3 -0.1
GYA AMB AMB
WMQ Urumqi 45.75 289 eP P 00 43 57.3 +1.8

KURK Kurchatov 46.87 301 eP P 00 44 02.9 -1.2
KURK KURK 46.87 301 eP P 00 45 34.2 -0.9

KURK comp=Z,4.0nm,0.6s,mb4.2 46.87 301 eP P 00 44 02.9 -1.2
KURK Kurchatov 46.87 301 eP P 00 44 02.9 -1.2

MK31 Makanchi Array 47.11 295 eP P 00 44 05.2 -0.9
MK31 Makanchi Array 47.11 295 eP P 00 44 36.7 +0.6

MK31 Makanchi Array 47.11 295 eP P 00 44 35.0 -1.1
MK31 Makanchi Array 47.11 295 eP P 00 44 05.2 -0.9

MKAR comp=Z,0.4nm,0.4s,baz=58,slo=4.6,SNR=3.8 P P 00 45 35.1 -0.5
MKAR Makanchi Array 47.11 295 eP Pmax 00 44 04.9 -1.2

MKAR comp=Z,2.0nm,0.5s 47.11 295 Pmax Pmax 00 44 05.0 -1.1
MKAR Makanchi Array 47.11 295 P P 00 44 05.1 -0.5

KMI Kunming 49.03 258 P P 00 44 23.8 +2.7
KMI AP pP 00 44 51.3 0.0

KMI XP sP 00 45 03.3 -2.7
KMI S S 00 51 17.3 +1.8
KMI SS SS 00 54 45.5 -2.4

KMI comp=Z,8.0nm,0.7s,mb4.5 AMB AMB
KMI comp=Z,46nm,3.7s LR LR

KMI comp=N,125nm,15.7s LR LR
KMI comp=E,141nm,15.7s LR LR

KMI comp=Z,160nm,22.5s LR LR
BVAR Borovoye Array 49.72 308 P P 00 44 24.6 -1.4

BVAR comp=Z,3.0nm,0.5s,mb4.2,baz=59,slo=7.4,SNR=34 P P 00 45 44.4 -0.6
BVAR Borovoye Array 49.72 308 P P 00 44 24.6 -1.4

BVAR Borovoye Array 49.72 308 Pmax Pmax 00 45 44.4
BRVK Borovoye 49.75 308 eP P 00 44 24.4 -1.8

BRVK comp=Z,3.0nm,0.6s,mb4.1 49.75 308 eP Pmax 00 44 24.4 -1.8
BRVK Borovoye 49.75 308 eP P 00 45 44.2 -0.9

BRVK comp=Z,3.3nm,0.6s,mb4.1 50.13 59 eP P 00 44 29.0 -0.1
BOTA Winthrop 50.13 59 eP P 00 44 33.5 +0.6

C07A Waterville 50.63 60 P P 00 44 33.5 +0.6
EDM Umppua 50.68 51 eP P 00 44 33.5 +0.6

J02A Umppua 51.38 66 eP P 00 44 37.2 -1.4
J05A Fort Rock 52.75 65 P P 00 44 48.3 -0.3

YBH Yreka Blue Hor 52.91 67 P P 00 44 50.7 +0.7
YBH Yreka Blue Hor 52.91 67 Pmax Pmax 00 44 50.7 +0.8

YBH comp=Z,1.0nm,0.7s 52.91 67 P P 00 44 47.9 -2.0
YBH Yreka Blue Hor 52.91 67 P P 00 44 50.4 +0.1

WALA Waterton Lakes 52.98 55 eP P 00 44 50.4 +0.1
ARU Arti 53.02 317 eP Pmax 00 44 48.3 -2.1

ARU comp=Z,2.0nm,0.4s,mb4.2 53.02 317 eP Pmax 00 44 48.3 -2.1
ARU Arti 53.02 317 eP P 00 44 48.3 -2.2

M02C Callahan 53.05 68 eP P 00 44 51.1 -0.1
TKM2 Tokmak 2 53.24 295 eP P 00 44 51.7 -0.6

TKM2 comp=Z,1.0nm,0.4s,mb3.9 53.24 295 eP Pmax 00 44 51.7 -0.6
TKM2 Tokmak 2 53.24 295 eP P 00 44 52.8 +0.1

K05A Summer Lake 53.30 65 P P 00 44 52.8 +0.1
J06A Christmas Vall 53.37 64 P P 00 44 51.7 -1.5

K06A Valley Falls 53.61 65 P P 00 44 55.2 +0.2
G10A Bishop Farm, J 53.71 61 P P 00 44 54.6 -1.1

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EALB Alboran, SALF Salau, FRF La Foret Royal, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAB Ste Jean, SJPF Ste Jean, EMIJ Mijas, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LOR comp=Z,2.6nm,0.4s, LOR Lorries, ECAL Calabor, etc.

ISCB 27 01:23:59.1±0.7, 4033N,002-2058E±0.05, h4km5,5km, Error ellipse: s-maj=6.7km s-min=3.6km az=10.7 CSEM 27 01:23:59.4±0.3, 4037N,2058E, h1km2km, MD3.4, Error ellipse: s-maj=6.6km s-min=3.5km az=126.0

THE 27 01:23:59.4, 4035N-2056E, h3km, ML3.1
SKO 27 01:24:00.4, 4027N-2077E, h0km
ATH 27 01:24:00.8, 4001N-2075E, h20km, 13km, MD3.4/5
ISC 27 01:23:59.8-0.7, 4033N-002-2057E, 0.05, h9km, 5km, n21,
o118/33, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like K05A Summer Lake, J05A Fort Rock, N13A Mohawk Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMI comp=N, 111nm, 15.5s, MS4.5, MAW Mawson, Y17A Roosevelt, etc.

IDC 27 01:37:00.1=0.9, 1636Sx17798E, h0km, mb4.3/11,
mb1 4.5/11, mb1mx4.3/17, mbtmp4.3/11, MS3.8/1.1,
Ms1 3.8/11, ms1mx3.2/22, Error ellipse: s-maj=80.8km
s-min=18.5km az=146.0

WVOR Wickenburg 82.57 52 e P 01 49 31.6
Y14A 01 49 25.7 +0.1
F05A White Salmon 82.62 38 u P 01 49 25.6 0.0

BMO Blue Mountains 84.60 40 eP P 01 49 34.2 -1.6
BMO 01 49 41.2
S15A Panguitch 84.63 48 e P 01 49 37.3 +1.2

BJJ 27 01:37:00.9, 1690Sx17845E, h30km, mb5.0, mb4.8, Ms4.7,
Ms24.5

L08A Fields 82.63 42 u P 01 49 26.1 +0.3
115A Sonoran Desert 82.64 53 u P 01 49 26.2 +0.2

Y18A White Tail Can 84.65 55 P P 01 49 36.6 +0.3
Y18A Canyon Day Jun 84.75 53 u P 01 49 37.9 +1.1

ISCJB 27 01:37:04.2-0.3, 164S-0.1x17789E, 0.08, h33km, mb4.5/32,
MS4.0/11, Error ellipse: s-maj=19.5km s-min=7.2km
az=154.7

R11A Troy Canyon, C 82.65 47 u P 01 49 25.1 -0.8
V13A Grand Canyon W 82.67 49 u P 01 49 26.2 0.0

B07A Winthrop 84.77 36 u P 01 49 36.7 +0.1
L12A House Creek Ra 84.79 43 u P 01 49 36.9 +0.1

NEIC 27 01:37:05.0-0.3, 1640Sx17798E, h35km, mb4.6/18, Error
ellipse: s-maj=20.8km s-min=6.9km az=151.0

H06A Lindquist Farm 82.68 39 u P 01 49 25.4 -0.5
E05A Randle 82.81 37 u P 01 49 25.8 -0.8

M12A Wells 84.52 44 u P 01 49 35.8 +0.3
G09A Cove 84.52 40 u P 01 49 35.0 -0.4

Code Station Name Az Phase ID Time Res
AFI Afiamalu 10.24 77 LR ISC 01 42 22.0

Q11A Delamar Landin 82.83 48 u P 01 49 27.0 +0.1
Q11A Dwdwater 82.83 46 u P 01 49 26.8 0.0

A07A Ashnola River, 84.93 36 u P 01 49 37.4 +0.1
G10A Bishop Farm, J 84.93 40 u P 01 49 37.3 -0.1

AFI Afiamalu 10.24 77 LR P 01 39 25.2 -5.4
RAO Raoul Island 13.36 164 LR P 01 47 43.0

I07A Izeze 82.86 40 u P 01 49 26.8 -0.1
X14A Yava 82.88 51 u P 01 49 27.4 +0.2

P14A Drum Mountains 84.96 46 u P 01 49 38.4 +0.7
T16A Glen Canyon Da 84.96 49 u P 01 49 38.0 +0.2

HNR Honiara 18.83 289 LR LR 01 47 43.0
RAR Rarotonga 21.64 106 LR LR 01 47 41.3

X10A Cortez Mining, 82.93 45 u P 01 49 27.8 +0.4
U13A Pakoon Wash 82.93 49 P P 01 49 27.9 +0.5

M13A Montello 85.00 44 u P 01 49 38.1 +0.2
I11A Placerville 85.00 42 u P 01 49 38.0 +0.1

CTA Charters Tower 30.28 258 P P 01 43 15.2 +1.1
CTA Charters Tower 30.28 258 eP LR 01 53 16.1

L09A Wilkinson Ranch 82.99 43 u P 01 49 27.9 +0.3
D05A Gnumclaw 83.02 37 u P 01 49 28.2 +0.6

K12A Draper Farm, C 85.08 43 P P 01 49 38.4 +0.1
D09A Jones Farm, Ri 85.09 38 u P 01 49 38.2 +0.0

PPT Papeete 31.08 97 LR LR 01 53 06.4
STKA Stephens Creek 36.37 238 P P 01 44 07.1 +0.1

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

F10A Beach Ranch, E 85.24 39 u P 01 49 38.5 -0.2
J12A Stokes Ranch, 85.24 42 P P 01 49 39.4 +0.3

WRA Warramunga Arr 41.49 258 P P 01 44 49.5 -0.5
ASAR Alice Springs 14.14 11 LR P 01 44 51.9 -1.2

V15A Casa Rosa Ranch 83.08 52 P P 01 49 28.7 +0.4
N10A Dunphy 83.13 44 u P 01 49 29.1 +0.7

X18A Snowflake 85.12 52 u P 01 49 39.1 +0.4
MSU Marysvalle 85.12 48 eP P 01 49 39.4 +0.9

FITZ Fitzroy Crossi 49.83 260 LR LR 02 05 33.9
FITZ Fitzroy Crossi 49.83 260 eP P 01 45 57.8 +1.7

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

MBWA Marble Bar 55.06 255 P P 01 46 33.4 -1.4
MJAR Matsushiro Arr 64.63 325 P P 01 47 39.6 -0.5

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

MJAR Matsushiro Arr 64.63 325 P LR 02 09 50.8
PETK Petropavlovsk- 71.38 347 P P 01 49 28.1 -1.1

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

QSPA South Pole Qui 73.66 180 eP P 01 48 35.3 -0.2
NJ2 Nanjing 74.29 311 eP AMB AMB 01 48 41.3 +1.4

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

T06C Millerton Lake 79.14 46 u P P 01 49 06.5 -0.8
CMB Columbia Colle 79.19 45 u P P 01 49 06.6 -0.9

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

CMB Columbia Colle 79.19 45 eP P 01 49 06.8 -0.7
BFSF Mount Baldy St 79.25 50 u P P 01 49 07.3 -0.7

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

EDW2 Edwards Air Fo 79.32 49 u P P 01 49 07.7 -0.6
ISA Isabella 79.35 48 P P 01 49 07.9 -0.5

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

HELL Mitchell Peak 79.45 47 u P P 01 49 08.3 -0.7
S06C San Francisco 79.48 45 u P P 01 49 08.8 -0.3

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

MONP Monument Peak 79.54 51 u P P 01 49 09.1 -0.4
KCC Kaiser Creek 79.57 46 u P P 01 49 09.1 -0.4

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

YBH Yreka Blue Hor 79.61 41 eP P 01 49 09.2 -0.5
YBH Yreka Blue Hor 79.61 41 eP P 01 49 09.2 -0.5

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

Y05C Yuba Gap, Truc 79.69 44 u P P 01 49 09.7 -0.5
M03C McCCloud 79.74 42 u P P 01 49 09.6 -0.8

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

HUMO Hull Mountain 79.94 40 u P P 01 49 11.0 -0.4
MPMC Manual Prospec 80.24 48 P P 01 49 13.5 +0.3

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

BELC Belle Mtn. 80.36 50 P P 01 49 13.8 -0.1
GSC Goldstone 80.37 49 u P P 01 49 13.5 -0.4

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

S08C White Mtn Res 80.45 46 u P P 01 49 14.2 -0.1
HEC Hector, Ludlow 80.50 50 u P P 01 49 14.2 -0.4

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

NVAR Mina Array Bea 80.81 46 P P 01 49 16.2 -0.1
GLA Glamis 80.82 52 u P P 01 49 16.3 -0.1

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

N06A Buffalo Meadow 80.94 43 u P P 01 49 16.0 -0.9
GMRC Granite Mounta 80.97 50 u P P 01 49 16.6 -0.5

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

IRM Iron Mountain 81.06 51 u P P 01 49 17.3 -0.4
TUQ Turquoise Mtn. 81.07 49 u P P 01 49 16.9 -0.8

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

S09A Goldfield 81.22 47 u P P 01 49 18.3 -0.1
U10A Ash Meadows, A 81.23 48 u P P 01 49 18.7 +0.2

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

Q08A Gabbs 81.27 45 u P P 01 49 18.4 -0.3
007A Toulon 81.28 44 P P 01 49 18.7 0.0

V14A Boquilillas Ranch 83.22 50 P P 01 49 29.4 +0.4
T13A Saint George 83.24 48 u P 01 49 29.3 +0.2

CD2 Chengdu 85.31 304 eP AMB AMB 01 49 40.8 +1.1
CD2 comp=Z, 10.0nm, 0.9s, mb5.0 LR LR

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Butte, Chamberlain Mo, Lajitas Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BJO, SP0A, etc.

ISCJB 27 01:44:08.4, 0.4, 0.74N, 0.06E, 67.13E, 0.07, h10km, mb4.5/37, MS4.1/5, Error ellipse: s-maj=10.9km s-min=8.3km az=151.3

MOS 27 01:44:09.0, 0.6, 0.82N, 0.67E, h10km, mb4.7/14, Error ellipse: s-maj=14.7km s-min=8.5km az=90.0

YKA 27 01:44:09.0, 0.6, 0.82N, 0.67E, h10km, mb4.2/13, mb1 4.3/13, mb1mx4.1/23, mbtmp4.2/13, MS3.8/2, Ms1 3.8/2, ms1mx3.2/23, Error ellipse: s-maj=21.3km s-min=17.2km az=76.0

BUI 27 01:44:09.5, 0.70N, 0.67E, h10km, mb4.9, mb4.7, Ms4.5, Ms4.0

NEIC 27 01:44:10.6, 0.4, 0.73N, 0.67E, h10km, mb4.5/12, Error ellipse: s-maj=11.1km s-min=8.5km az=68.0

ISC 27 01:44:10.3, 0.4, 0.71N, 0.06E, 67.09E, 0.07, h10km, r77, r12172, mb4.5/37, MS4.1/5, 2C-2D, Carlsberg Ridge

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

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

ISC 27 01:44:10.7, 7.4, 3034S, -17828W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.7/14, mbtmp3.8/2, Error ellipse: s-maj=308.5km s-min=60.0km az=156.0, Kermadec Islands

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

TAP 27 02:05:27.3, 2191N, 12050E, h42km, ML3.8 JMA 27 02:05:29.3, 0.3, 2179N, 12081E, h120km, M3.2, Taiwan region

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

WEL 27 02:22:43.7, 0.2, 4431S, -16800E, h5km, ML3.5/13, Error ellipse: s-maj=2.7km s-min=1.7km az=90.0, South Island

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

MOS 27 02:48:34.2, 2.1, 7635N, 2794E, h10km, mb3.9/3, Error ellipse: s-maj=73.6km s-min=8.6km az=90.6

ISCJB 27 02:48:38.3, 0.6, 7606N, 0.03E, 249E, 0.2, h10km, mb3.7/2, MS3.1/2, Error ellipse: s-maj=6.5km s-min=4.0km az=171.3

ISC 27 02:48:39.0, 2.0, 7635N, 2611E, h0km, mb3.4/1, mb1 3.7/6, mb1mx3.4/25, mbtmp3.6/6, ML3.6/1, MS2.8/2, Ms1 2.9/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BJO, SP0A, SP0A, etc.

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

CSEM 27 02:57:03.5, 4321N-4573E, h96km, mb3.9, After OBN
MOS 27 02:57:03.5-2.4, 4321N-4573E, h96km, mb3.9/1, Error ellipse: s-maj=32.1km s-min=16.2km az=5.5, Eastern

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

NEIC 27 03:00:25.3-2.5, 1377N-14486E, h155km, mb1.1, Error ellipse: s-maj=178.3km s-min=27.4km az=122.0

ISC 27 03:00:25.4-2.2, 1377N-14485E, h152km, mb3.5/3, mb1 3.6/3, mb1mx3.1/19, mbtmp3.5/3, Error ellipse: s-maj=111.2km s-min=31.7km az=116.0, Mariana

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

CSEM 27 03:06:38.2-0.1, 3716N-3630E, h5km, MD2.9, Error ellipse: s-maj=3.6km s-min=2.3km az=169.0

NSCC 27 03:06:38.3, 3622N-3631E, h15km, 310km
ISK 27 03:06:38.0, 3712N-3630E, h8km, MD2.9

ISCJB 27 03:06:39.2-0.4, 3720N-002-3630E-003, h10km, Error ellipse: s-maj=3.7km s-min=3.3km az=43.7

DDA 27 03:06:39.8, 3717N-3640E, h5km, 37km, MD3.2
ISC 27 03:06:39.9-0.5, 3719N-002-3632E-003, h1km, 5km, n17, c089/28, 4D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZT Kozen, CEYT Ceyhan, GAZ Gaziantep, etc.

ISC 27 03:10:15.7-1.2, 3543N-2301E, h0km, mb3.8/8, mb1 3.8/8, mb1mx3.6/22, mbtmp3.8/8, Error ellipse: s-maj=24.9km s-min=19.1km az=170.0

ISCJB 27 03:10:20.4-0.5, 3517N-004-2314E-006, h69km, 6km, mb3.9/3, Error ellipse: s-maj=9.0km s-min=4.5km az=145.3

ATH 27 03:10:21.9, 3549N-2328E, h118km, 3km
NEIC 27 03:10:22.7-1.0, 3521N-2321E, h67km, 8km, Error ellipse: s-maj=14.7km s-min=8.7km az=220.0

HLW 27 03:10:24.4, 3497N-2341E, h33km, Mb3.6
THE 27 03:10:24.8, 3534N-2339E, h60km, ML3.3

CSEM 27 03:10:24.8, 3534N-2339E, h60km, ML3.3, After THE
ISC 27 03:10:21.8-0.5, 3518N-004-2317E-006, h59km, 6km, n53, c103/68, mb3.7/8, 6C-3D, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARN Karanos, GVD Gavdhos, VAM Vamos, etc.

Table with columns: LAST, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAST Lasithi, NPS Neapolis, SANT Santorini, etc.

ISC 27 03:10:21.8-0.5, 3518N-004-2317E-006, h59km, 6km, n53, c103/68, mb3.7/8, 6C-3D, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKAS Malin Array Be, FINES Finess Array B, MOE Montemor, etc.

NEIC 27 03:11:58.4, 3288N-316W, h0km, MG4.0(MDD), After MDD

CSEM 27 03:11:59.0-0.2, 3295N-294W, h10km, ML3.4/5, Error ellipse: s-maj=5.7km s-min=2.9km az=113.0

MDD 27 03:12:00.9-1.0, 3305N-313W, h0km, mb4.0/6, Error ellipse: s-maj=10.5km s-min=6.1km az=119.0

INMG 27 03:12:01.4-0.8, 3309N-324W, h0km, ML2.6, Error ellipse: s-maj=7.2km s-min=6.2km az=28.0

ISCJB 27 03:12:02.8-1.2, 3323N-004-352W-006, h12km, 10km, Error ellipse: s-maj=9.6km s-min=5.6km az=39.5

CNRM 27 03:12:02.5, 3301N-297W, h18km, MD4.0
ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TZK Tazeka, ZFT Errachidia, MIF Mishlifen, etc.

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EBER Eberja, ELOJ Sierra Loja, EQUA Quentar, etc.

Table with columns: PVAQ, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, PBAR Barrancos, PBAR Barrancos, etc.

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

ISC 27 03:12:03.3-1.4, 3314N-004-333W-006, h18km, 12km, n45, c121/79, Morocco

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

IDC 27 07:42:01.2, 0.2, 4.1011N, 7800E, h0km, mb3.5/2, mb1 3.4/3, mb1 1mx3.3/24, mbtmp3.4/3, ML2.9/1, Error ellipse: s-maj=54.9km s-min=19.2km az=133.0

BUI 27 07:42:23.9, 4.1021N, 7840E, h10km, ML3.2 Error ellipse: s-maj=8.5km s-min=4.5km az=157.4

NEIC 27 07:42:25.7, 1.8, 4.0787N, 7832E, h35km, Error ellipse: s-maj=28.6km s-min=13.0km az=171.0

NNC 27 07:42:29.2, 3.2, 4.1201N, 7927E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=32.1km s-min=10.6km az=154.0

ISC 27 07:42:26.1, 0.7, 4.1001N, 006.7834E, 004, h10km, n22, s-r139/29, mb3.5/2, 6C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULHL Ulahol, KSH Kashi, KZK Kyzart, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, STKA Stephens Creek, etc.

IDC 27 07:52:07.5, 0.8, 7.921N, 12655E, h0km, mb4.0/9, mb1 4.1/9, mb1 mx3.9/20, mbtmp4.0/9, MS2.9/1, Ms1 2.9/1, ms1mx2.6/30, Error ellipse: s-maj=53.5km s-min=17.7km az=78.0

MAN 27 07:52:09, 7.94N, 12700E, h1km, mb4.9, ML3.8, MS3.9 Error ellipse: s-maj=38.7km s-min=11.2km az=70.0

ISC 27 07:52:12.6, 1.8, 8.011N, 006.1272E, 01, h41km, 15km, mb4.0/11, Error ellipse: s-maj=17.8km s-min=9.8km az=171.9

NEIC 27 07:52:20.1, 2.0, 7.801N, 12649E, h104km, 17km, mb4.2/1, Error ellipse: s-maj=38.7km s-min=11.2km az=70.0

ISC 27 07:52:12.6, 1.8, 8.011N, 006.1272E, 01, h40km, 17km, n20, s-r150/25, mb4.0/11, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIPH Bislig, MATI Mati, DAV Davao City (W), etc.

NNC 27 08:13:30.6, 2.8, 4.1221N, 7293E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=31.9km s-min=9.4km az=7.0

ISC 27 08:13:35.9, 1.9, 4.151N, 02.7294E, 008, h10km, n16, s-r152/19, 6C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashov, EK52 Erkin-Say, UCH Uchtor, etc.

IDC 27 08:30:03.2, 3.9, 1312S, 16701E, h197km, 32km, mb3.4/8, mb1 3.5/8, mb1mx3.4/17, mbtmp3.4/8, Error ellipse: s-maj=31.2km s-min=18.7km az=105.0, Vanuatu Islands

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

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

ISCJB 27 08:58:33.8, 0.6, 4.335N, 002.12699W, 006, h10km, mb3.6/2, MS2.9/3, Error ellipse: s-maj=6.0km s-min=3.2km az=168.2

NEIC 27 08:58:40.1, 1.4, 4.344N, 12652W, h10km, mb4.1/1, Error ellipse: s-maj=17.4km s-min=7.0km az=73.0

IDC 27 08:58:40.5, 2.8, 4.347N, 12619W, h0km, mb3.2/2, Mb1 3.6/8, mb1mx3.5/29, mbtmp3.3/8, ML3.6/6, MS3.1/6, Ms1 3.1/6, ms1mx2.8/18, Error ellipse: s-maj=40.8km s-min=15.4km az=69.0

ISC 27 08:58:35.3, 0.6, 4.329N, 003.12698W, 006, h10km, n109, s-r105/131, mb3.6/2, MS2.9/3, 51C-38D, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like K01A Sixes, KEB1 Edson Butte, I02A Mapleton, etc.

Table with columns: MKAR, MKAR, MKAR, MKAR, MJAR, MJAR. Includes station names, coordinates, and frequencies.

ISCJB 27 09:44:58.6:1.2, 3858S:008x17584E:008, h181km, gkm, Error ellipse: s-maj=14.0km s-min=8.5km az=153.9

NEIC 27 09:45:01.8, 3851S:17590E, MG4.0(WEL), After WEL

WEL 27 09:45:02.0:0.3, 3854S:17591E, h149km, 2km, ML3.9/2.0, Error ellipse: s-maj=2.1km s-min=1.7km az=0

ISC 27 09:45:00.1:0.3861S:007x17586E:007, h170km, 8km, n104, 0974/110, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WHZT, WATZ, WATZ, etc.

NEIC 27 09:45:42.4, 1639N:97.13W, h107km, MD3.9(MEX), After MEX

MEX 27 09:45:44.1:0.8, 1620N:9732W, h19km, 56km, MD3.8, 1C, Oaxaca

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

Table with columns: MZVM, MZVM, IIO, IIO, CCIC, CCIC, CCIC, CCIC. Includes station names, coordinates, and frequencies.

ISC 27 09:45:58.7:2.2, 1235N:12547E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, Error ellipse: s-maj=22.0, 1km s-min=20.3km az=66.0

ISCJB 27 09:45:59.8:0.8, 1174N:004x12509E:007, h25km, 8km, mb3.7/5, Error ellipse: s-maj=12.3km s-min=6.1km az=173.2

ISC 27 09:45:59.8:0.8, 1173N:004x12512E:008, h20km, gkm, n16, 0888/20, mb3.7/5, 2C-1D, Samar

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

MEX 27 09:47:01.6:0.9, 1686N:10023W, h7km, 66km, MD3.6, Near coast of Guerrero

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

ISC 27 10:20:19.8:6.1, 2877S:7511E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.2/9, Error ellipse: s-maj=17.2km s-min=40.0km az=0, Mid-Indian Ridge

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

ISCJB 27 10:21:14.5:0.3, 2907S:006x7500E:007, h10km, mb2.7/7, Error ellipse: s-maj=9.2km s-min=8.5km az=155.8

ISC 27 10:21:14.5:0.4, 2903S:7497E, h0km, mb4.5/19, mb1 4.5/19, mbtmp4.5/24, mbtmp4.5/19, Error ellipse: s-maj=15.2km s-min=13.8km az=160.0

MOS 27 10:21:14.5:0.9, 2905S:7503E, h10km, mb5.0/7, Error ellipse: s-maj=16.3km s-min=12.8km az=99.4

BUI 27 10:21:15.2, 2875S:7483E, h13km, mb4.9, mb5.0, Error ellipse: s-maj=7.1km s-min=6.3km az=204.0

NEIC 27 10:21:16.4:0.3, 2907S:006x7495E:007, h10km, n70, 0871/59, mb4.7/37, 5C-7D, Mid-Indian Ridge

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 11:02:49.3:4.7, 5875S:15102E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.8/12, mbtmp3.6/3, ML3.0/1, MS3.6/k, Ms1 3.6/k, ms1mx3.4/18, Error ellipse: s-maj=409.6km s-min=29.7km az=75.0, West of Macquarie Island

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

Table with columns: KBL, KBL, KBL, KBL, ARMA, ARMA, ARMA, ARMA, LZH, LZH, LZH, LZH. Includes station names, coordinates, and frequencies.

ISC 27 10:43:40.0:0.1, 4199S:17436E, h31km, 1km, ML3.5/3.4, Error ellipse: s-maj=1.0km s-min=1.0km az=90.0, Cook Strait

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

ISC 27 10:54:36.2:1.6, 3950N:11068E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, Error ellipse: s-maj=47.6km s-min=21.3km az=57.0, Western Nei Mongol

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

Table with columns: CLL, Call, Time, Frequency, Bandwidth, Modulation, Power, and other technical details for various radio stations.

Table with columns: LOR, Lormes, Time, Frequency, Bandwidth, Modulation, Power, and other technical details for various radio stations.

Table with columns: OBN, OBN, Time, Frequency, Bandwidth, Modulation, Power, and other technical details for various radio stations.

SONM Sogingo Array 59.32 350 P P 14 40 34.6 -0.0
MKAR Makanchi Array 65.90 333 P P 14 41 18.4 -0.2
ZALV Zalesovo Beam 70.17 339 P P 14 41 46.3 -1.3

ISCJB 27 14:31:32.8:6.8, 68S:0.1x1563E:0.3, h84km, 58km, mb3.9/10, Error ellipse: s-maj=54.4km s-min=23.8km az=2.6

NEIC 27 14:31:32.3:6.0, 667S:15631E, h67km, 47km, mb4.4/1, Error ellipse: s-maj=49.1km s-min=20.6km az=92.0

IDC 27 14:31:38.6:7.7, 77S:15631E, h118km, 77km, mb3.7/9, mb1.3/8/10, mb1mx3.7/16, mbtmp3.7/10, Error ellipse: s-maj=47.3km s-min=20.1km az=95.0

ISC 27 14:31:35.5:6.4, 67S:0.1x1562E:0.3, h90km, 55km, n15, c0568/14, mb3.9/10, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, KRSR Korea Array, PETK Petropavlovsk, SONM Sogingo Array, VNSA Vanda, MK31 Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, TORD Torodi Arr.

IDC 27 14:55:42.1:59.0, 1628S:17279W, h0km, mb4.1/3, mb1.4/3/3, mb1mx3.8/16, mbtmp4.1/3, Error ellipse: s-maj=1089.0km s-min=165.3km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 27 14:56:09.3:1.9, 317N:12380E, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.5/18, mbtmp3.6/3, Error ellipse: s-maj=199.2km s-min=26.8km az=63.0, Celebes Sea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

CSEM 27 14:58:35.6:0.1, 3943N:2857E, h5km, MD3.2, Error ellipse: s-maj=1.5km s-min=1.3km az=77.0
DDA 27 14:58:35.6, 3945N:2854E, h5km, MD3.1
ISK 27 14:58:35.8, 3943N:2858E, h5km, MD3.2
ISCJB 27 14:58:36.0:0.3, 3945N:002x2859E:0.03, h5km, Error ellipse: s-maj=3.2km s-min=2.9km az=8.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DST Dursunbey, DEMI Demirci, BALB Balikesir, GDZ Gediz, ULDT Uludag, BALLY Balya, KCT Karacabey, AKHS Akhisar, AKS Akhisar, KULA Kula-Manisa, EDC Edincik, GEMT Gemlik, YLV Yalova, ADVT Abdulvahap, IZM Izmir, AYVA Ayvalik, HRT Hereke, BLCB Balçova, RKY Sarkoy-Tekirda, ISK Istanbul-Kandi, MFT Murette, CTT Catalca, ESKT Eskişehir, SHUT Suhut-Afyon, GADU Givgeada, ENEZ Enez, KIZT Kizilcal.

MAN 27 15:00:27.1382N:12053E, h83km, mb3.7, ML2.4, MS1.9, 1C-2D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LUBP Lubang, TGY Tagaytay City, LBP Los Banos, NBPH Mount Natib, SJMP San Jose, CORP Coron, OTRP Odlongan, BALP Baler, ENPP El Nido, CUYO Cuyo Island.

IDC 27 15:07:05.7:2.5, 299S:13034E, h0km, mb3.7/2, mb1.4/0/4, mb1mx3.7/18, mbtmp3.8/4, ML3.6/2, MS3.9/2, MS1.3/9/2, ms1mx3.0/34, Error ellipse: s-maj=140.6km s-min=25.8km az=74.0

ISCJB 27 15:07:08.6:1.7, 31S:02:1302E:0.4, h33km, mb3.6/1, MS3.9/2, Error ellipse: s-maj=56.1km s-min=18.7km az=163.9

DJA 27 15:07:11.381S:12858E, h0km, ML3.9/3

ISC 27 15:07:11.1:1.7, 31S:02:1302E:0.4, h35km, n7, c1928/6, mb3.6/1, MS3.9/2, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KAKA Kakadu, FITZ Filzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, RAO Raoul Island, MKAR Makanchi Array.

IDC 27 15:25:40.5:2.4, 967S:11252E, h0km, mb3.7/5, mb1.3/8/5, mb1mx3.6/17, mbtmp3.7/5, Error ellipse: s-maj=112.1km s-min=21.6km az=50.0

ISCJB 27 15:25:41.7:1.4, 101S:03:1120E:0.4, h33km, mb3.7/5, Error ellipse: s-maj=73.9km s-min=13.7km az=145.2

NEIC 27 15:25:41.4:1.0, 985S:11239E, h10km, Error ellipse: s-maj=55.3km s-min=11.0km az=56.0

ISC 27 15:25:44.7:1.4, 100S:03:1123E:0.4, h35km, n7, c0569/8, mb3.7/5, South of Java

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MBWA Marble Bar, WRA Warramunga Arr, ASAR Alice Springs, SONM Sogingo Array, MK31 Makanchi Array, ZALV Zalesovo Beam.

IDC 27 15:44:54.0:0.9, 323N:7454W, h0km, mb3.5/5, mb1.3/9/6, mb1mx3.7/22, mbtmp3.7/6, ML4.6/1, MS3.7/4, MS1.3/7/4, ms1mx2.9/33, Error ellipse: s-maj=27.9km s-min=13.3km az=90.0

ISCJB 27 15:44:58.0:1.3, 326N:008:7408W:0.09, h51km, 17km, mb3.5/4, MS4.0/3, Error ellipse: s-maj=17.0km s-min=10.7km az=30.8

NEIC 27 15:44:59.6:1.0, 336N:7420W, h49km, 12km, Error ellipse: s-maj=14.1km s-min=11.2km az=106.0

ISC 27 15:44:59.9:1.1, 330N:006:7419W:0.09, h40km, 17km, n17, c0911/15, mb3.5/4, MS4.0/3, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, OTAV Otavalo, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, PCRV Puerto La Cruz, LPAZ La Paz, LPAZ La Paz, SAV Santa Ignacia, LVC Limon Verde, TXCA Lajas Array, PLXA Paso Flores, NVAR Mina Array, PMSA Palmer Station, TORD Torodi Arr, ASAR Alice Springs, WRA Warramunga Arr.

IDC 27 15:52:22.5:4.3, 972N:13770E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.6/20, mbtmp3.6/5, Error ellipse: s-maj=222.2km s-min=22.9km az=78.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, SONM Sogingo Array, MKAR Makanchi Array, BVAR Borovoye Array.

IDC 27 16:00:35.0:1.3, 2346S:7021W, h0km, mb4.4/1, mb1.4/1/3, mb1mx3.7/18, mbtmp4.1/3, ML3.9/2, Error ellipse: s-maj=56.3km s-min=22.0km az=134.0

ISCJB 27 16:00:38.5:1.1, 2313S:009:7050W:0.09, h33km, Error ellipse: s-maj=15.1km s-min=10.2km az=139.6

NEIC 27 16:00:41.5:1.5, 2317S:7018W, h44km, 12km, Error ellipse: s-maj=31.4km s-min=11.9km az=13.0

ISC 27 16:00:40.6:1.3, 231S:01:704W:0.1, h35km, n11, c1919/12, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LCO Las Campanas, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SIV, TORD Torodi Arr, ASAR Alice Springs, WRA Warramunga Arr, UCH Uchter, MKAR Makanchi Array.

CSEM 27 16:02:05.0:4.3, 3623N:2908E, h26km, 1km, MD3.1, Error

ellipse: s-maj=8.4km s-min=2.4km az=7.0
ISK 27 16:02:05.0, 3620N:2903E, h26km, MD3.1
ISCJB 27 16:02:23.6:1.5, 364N:0.1x2908E:0.07, h58km, 13km, Error ellipse: s-maj=19.1km s-min=7.5km az=16.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKAS Kas, AKAS Kas, AKAS Kas, DALT Dalyan (Mudla), DALT Dalyan, ELL Elmali, YER Yerkesik, YER Yerkesik, DENT Denizli, MLBS Milas, BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, BCK Bucak, URLA Izmir.

MAN 27 16:09:54, 924N:12641E, h16km, mb4.0, ML2.8, MS2.5, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BUTP Butuan, BUTP Butuan, SCBP Surigao, MSPL Maasin, MKUP Musuan.

IDC 27 16:40:20.5:0.5, 818S:15762E, h0km, mb3.8/3, mb1.3/9/4, mb1mx3.8/16, mbtmp3.8/4, ML3.4/1, Error ellipse: s-maj=104.3km s-min=15.5km az=12.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HNR Honiara, HNR Honiara, HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

ISCJB 27 16:42:23.0:0.7, 1254N:006:8771W:0.08, h84km, 8km, mb3.8/6, Error ellipse: s-maj=15.1km s-min=5.3km az=147.5

CASC 27 16:42:24.2:2.4, 1251N:8772W, h72km, 13km, MD3.9, ML4.1, mb3.7(NEIC)

NEIC 27 16:42:25.3:1.2, 1257N:8761W, h91km, 10km, mb3.7/1, Error ellipse: s-maj=20.0km s-min=11.4km az=221.0

IDC 27 16:42:25.7:6.1, 1261N:8755W, h95km, 44km, mb3.6/5, mb1.3/9/7, mb1mx3.5/24, mbtmp3.6/7, Error ellipse: s-maj=76.8km s-min=35.3km az=161.0

ISC 27 16:42:28.0:0.6, 1257N:005:8770W:0.07, h80km, 8km, n56, c0959/58, mb3.8/6, 10C-17D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRIN San Cristobal, CRIN San Cristobal, CNCH Conchagua, CNCH Conchagua, TEL3 Telica 3, TELN Telica, TELM Bellmira, BLML Bellmira, VSM San Miguel, MOMJ Momotombo, COPN Copalpete, COPN Copalpete, CAHU Cacacatique, CAHU Cacacatique, CSAN Casan, CSAN Casan, TISN Laguna Tiscapa, TISN Laguna Tiscapa, MGAN Managua, MGAN Managua, CRUN El Crucero, CRUN El Crucero, HUEN Huen, HUEN Huen, SNVI San Vicente, SNVI San Vicente, TIGN Ticuantepe, TIGN Ticuantepe, TGUH Tegucigalpa, TGUH Tegucigalpa, TGUH Tegucigalpa, MASN Masaya, MASN Masaya.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include APON Apoyo, LBRS Las Brisas, BOQS Boqueron, BOQS Boqueron, BOAB BOACO BROADBAN, SSN San Juan del S, SSN San Juan del S, SSNN San Juan del S, CONN Concepcion, SBL S San Blas, SBL S San Blas, SNTJ San Jose, RTR El Retiro, MADN Villa Maderas, XCH2 Montecristo, RBDL Robleda, LIM1 Limonal, CUI CUI, CUI CUI, DOS Dos Rios de Up, VCR Vista de Mar, JCR Jicaral, CGAZ Cerro Gallo 2, PRS1 Puriscal, PRS1 Puriscal, URSC Urasca, BUS Buena Vista, TEIG Tepich, CMIG Matias Romero, CMIG Matias Romero, CMIG Isla Barro Colorado, CH2 La Pedrera, LAPE La Pedrera, LAPE Lajas Array.

Table with columns: MIAR, Mount Ida, 22.52 347 eP, P, 16 47 17.5 -0.4, comp=N, 2.8nm, 0.7s, mb3.7

mb1mx3.9/23, mbtmp3.8/5, ML3.7/1, MS3.3/6, Mst 3.3/6, ms1mx2.9/39, Error ellipse: s-maj=144.9km s-min=53.0km az=33.0

CASC 27 18:20:13.0i.3.8, 1286N-9208W, h20km, 357km, MD3.9, mb4.8(NEIC)

ISC 27 18:20:12.8i.1.4, 1396N-007.9287W, 0.04, h5km, 7km, n31, c1925/41, mb4.1/5, MS3.3/6, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

FINES FINESS Array B 87.17 336 P P 18 36 45.6 +0.3

1.4nm, 0.9s, baz=90, slow=4.2, SNR=4.7

IDC 27 18:25:20.7+4.1, 1897N:14724E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.7/21, mbtmp3.9/7, ML4.1/1, Error ellipse: s-maj=124.1km s-min=33.7km az=91.0

NEIC 27 18:25:22.8i.2.7, 1898N:14710E, h10km, mb4.4/1, Error ellipse: s-maj=90.0km s-min=13.9km az=93.0

ISCJB 27 18:25:24.6i.3.1, 189N.0i.1:1470E-07, h33km, mb4.0/7, Error ellipse: s-maj=95.5km s-min=16.7km az=1.3

ISC 27 18:25:26.1i.3.2, 189N.0i.1:1471E-07, h35km, n9, c0942/9, mb4.0/7, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 27 18:26:10.5i.3.9, 77S.02i:1192E.03, h0km, 24km, mb4.0/8, Error ellipse: s-maj=50.5km s-min=12.2km az=144.8

IDC 27 18:26:12.4i.0.8, 796S:11877E, h0km, mb3.9/8, mb1 4.0/11, mb1mx3.8/21, mbtmp3.9/11, ML3.7/5, MS2.9/1, Mst 1.9/11, ms1mx2.8/34, Error ellipse: s-maj=51.8km s-min=15.3km az=59.0

NEIC 27 18:26:15.3i.11.0, 781S:11909E, h18km, 70km, mb4.0/2, Error ellipse: s-maj=46.3km s-min=15.5km az=66.0

ISC 27 18:26:18.2i.4.7, 77S.02i:1193E.03, h39km, 22km, n14, c089/17, mb3.9/8, Flores Sea

ISC 27 18:26:18.2i.4.7, 77S.02i:1193E.03, h39km, 22km, n14, c089/17, mb3.9/8, Flores Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:26:34.5, 4057N:2481E, h43km, 2km, MD3.1/4

NEIC 27 18:26:34.5, 4057N:2481E, h43km, 2km, MD3.1(ATH), After ATH

ISCJB 27 18:26:35.3i.0.7, 4040N.00i:42590E.06, h10km, Error ellipse: s-maj=6.8km s-min=4.9km az=156.8

CSEM 27 18:26:37.5, 4030N.2611E, h7km, MD2.8, After ERD

DDA 27 18:26:37.5, 4030N.2611E, h7km, 3km, Md2.8

ISC 27 18:26:35.4i.0.7, 4040N.00i:42593E.08, h9km, h3km, n7, c0538/12, Aegean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:40:17.4i.0.9, 2887N:9501E, h0km, mb3.6/9, mb1 3.8/9, mb1mx3.7/24, mbtmp3.7/9, Error ellipse: s-maj=32.4km s-min=17.6km az=55.0

ISCJB 27 18:40:22.6i.1.8, 2897N:008.951E.01, h5km, 17km, mb3.9/11, Error ellipse: s-maj=16.6km s-min=12.9km az=148.1

NEIC 27 18:40:24.1i.2.2, 2889N:9502E, h49km, 22km, mb4.0/1, Error ellipse: s-maj=19.1km s-min=12.7km az=62.0

ISC 27 18:40:25.1i.1.6, 2899N:008.951E.01, h5km, 16km, n22, c0879/23, mb3.9/11, Eastern Indian (India border region)

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

IDC 27 18:45:13.0i.3.1, 3422S:17899W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.8/16, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=171.8km s-min=36.3km az=120.0, South of Kermadec Islands

JMA 27 17:20:36.5i.0.1, 4125N:13905E, h28km, 1km, M3.5, 2C, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

ATH 27 17:26:34.5, 4057N:2481E, h43km, 2km, MD3.1/4

NEIC 27 17:26:34.5, 4057N:2481E, h43km, 2km, MD3.1(ATH), After ATH

ISCJB 27 17:26:35.3i.0.7, 4040N.00i:42590E.06, h10km, Error ellipse: s-maj=6.8km s-min=4.9km az=156.8

CSEM 27 17:26:37.5, 4030N.2611E, h7km, MD2.8, After ERD

DDA 27 17:26:37.5, 4030N.2611E, h7km, 3km, Md2.8

ISC 27 17:26:35.4i.0.7, 4040N.00i:42593E.08, h9km, h3km, n7, c0538/12, Aegean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 17:50:51.9i.1.4, 212N:12665E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/17, mbtmp3.6/5, Error ellipse: s-maj=106.2km s-min=19.6km az=73.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

B/JJ 27 18:15:28.8, 4397N:8729E, h12km, ML3.0

N/C 27 18:15:28.3i.3.5, 4360N:8617E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=82.7km s-min=24.3km az=51.0

ISC 27 18:15:25.5i.2.8, 434N.02i:8705E.009, h35km, n4, c0875/9, 2C-7D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

NEIC 27 18:20:04.3i.1.9, 1311N:9244W, h10km, mb4.2/3, MD4.5(MEX), Error ellipse: s-maj=30.8km s-min=17.9km az=175.0

ISCJB 27 18:20:11.8i.1.9, 1390N.00i:9294W.004, h14km, 13km, mb4.1/5, MS3.3/6, Error ellipse: s-maj=12.0km s-min=6.2km az=3.2

MEX 27 18:20:12.0i.0.7, 1357N:9235W, h14km, 174km, MD4.5

IDC 27 18:20:12.8i.5.4, 1440N:9246W, h0km, mb3.9/3, mb1 4.3/5,

ISCJB 27 18:21:31.0i.7.0, 1777S:006.6965W.007, h144km, 8km, mb3.7/5, Error ellipse: s-maj=11.6km s-min=10.3km az=162.3

NEIC 27 18:21:32.8i.0.8, 1770S:6926W, h146km, 8km, mb3.5/1, Error ellipse: s-maj=15.8km s-min=12.9km az=84.0

IDC 27 18:21:34.0i.1.3, 1785S:6934W, h150km, 10km, mb3.7/4, mb1 3.9/6, mb1mx3.5/21, mbtmp3.7/6, Error ellipse: s-maj=27.3km s-min=9.9km az=104.0

ISC 27 18:21:32.7i.0.6, 1778S:006.6967W.007, h140km, 7km, n14, c1916/16, mb3.7/5, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

IDC 27 18:21:34.6i.3.8, 1908S:17342W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.0/19, mbtmp4.0/6, Error ellipse: s-maj=251.5km s-min=21.2km az=153.0, Tonga Islands

TORD Torodi Ar. Bea 158.98 181 PKPab PKPab 20 33 39.2 -0.5
0.3nm,0.6s,baz=188,slow=2.3,SNR=2.8

MAN 27 20:26:53,968N-12543E,h36km,mb3.7,ML2.4,MS2.0,
Mindoanao

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
SCPH	Surigao	0.11	30	iP	Pn	20	27	00.8 +1.6
SCPH				iS	Pn	20	27	04.0 +0.4
MSLP	Maasin	0.72	308	eP	Pn	20	27	07.9 +1.2
BUTP	Butuan	0.73	165	eP	Pn	20	27	08.3 +1.4

BUJ 27 20:47:21.0,3498N-12061E,h22km,ML3.5,
Southeastern China

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
TIA	Tai'an	3.10	294	P	Pn	20	48	08.5 0.0
TIA				SG	Sn	20	48	59.0 +1.4
TIA				Smax				

comp=N,114nm,0.5s
N2J Nanjing 3.27 207 eP Pn 20 48 11.5 +0.6
N2J Nanjing 3.27 207 eP Pn 20 48 23.0 +1.2
N2J Nanjing 3.27 207 eP Pn 20 48 09.5 +2.0

comp=N,450nm,0.4s
N2J Nanjing 3.27 207 eP Pn 20 48 11.5 +0.6
DL2 Dalian 4.00 11 eP Pn 20 48 33.5 +1.3
DL2 Dalian 4.00 11 eP Pn 20 48 22.5 +1.5

comp=N,90nm,0.5s
DL2 Dalian 4.00 11 eP Pn 20 48 33.5 +1.3
DL2 Dalian 4.00 11 eP Pn 20 48 22.5 +1.5

comp=E,110nm,0.5s

IDC 27 20:56:55.6,1.4,3265Sx17879W,h0km,mb4.4/4,
mb1 4.6/5,mb1mx4.1/18,mbtmp4.4/5,ML4.1/1,MS3.4/2,
Ms1 3.4/2,ms1mx2.9/29,Error ellipse: s-maj=37.6km
s-min=27.2km az=51.0

NEIC 27 20:56:57.1,1.3,3274Sx17885W,h10km,mb4.4/1,Error
ellipse: s-maj=28.6km s-min=21.3km az=84.0

ISC 27 20:57:02.8,1.8,3282Sx009.179W,0.3,h35km,n14,
0598/9,mb4.4/5,South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
RAO	Raoul Island	3.71	17	LR	LR	20	58	59.1
URZ	Urewera	6.23	208	Pn	Pn	20	58	30.7 -1.5
URZ				Sn	Sn	20	59	42.9 +0.7
CTA	Charters Tower	33.32	284	P	P	21	03	39.5 +2.0
CTA	Charters Tower	33.32	284	P	P	21	03	39.5 +2.0
ASAR	Alice Springs	42.07	270	P	P	21	04	51.1 -0.2
WBR	Warramunga Arr	43.27	275	eP	P	21	05	08.0 -0.3
WBR	Warramunga Arr	43.27	275	P	P	21	05	06.0 -0.6
FITZ	Fitzroy Crossi	51.43	272	eP	P	21	06	04.2 -0.5
QSPA	South Pole Qui	57.30	180	P	P	21	06	47.2 +0.7
FINES	FINES Array B	147.04	338	PKPb	PKPb	21	16	38.7 -2.3
FINES	FINES Array B	147.04	338	PKPb	PKPb	21	16	38.7 -2.3
NB2	NORSAR Subarray	150.97	350	PKP	PKP	21	16	48.4 -2.6
NOA	NORSAR Array B	150.97	350	PKPb	PKPb	21	16	48.4 -2.6
TORD	Torodi Ar. Bea	160.41	182	PKPab	PKPab	21	17	38.5 -1.6

ISCJB 27 21:03:43.6,0.6,1558S-007.7148W,0.6,h150km,6km,
mb3.9/5,Error ellipse: s-maj=13.6km s-min=7.8km
az=33.8

IDC 27 21:03:43.7,1.9,1552Sx71.20W,h125km,19km,mb3.8/5,
mb1 3.8/10,mb1mx3.6/24,mbtmp3.7/10,Error ellipse:
s-maj=24.5km s-min=15.6km az=44.0

NEIC 27 21:03:44.1,0.8,1554Sx71.27W,h133km,8km,mb4.6/1,
Error ellipse: s-maj=13.4km s-min=9.4km az=50.0

ISC 27 21:03:44.0,0.6,1555S-008.7139W,0.0,h142km,7km,
n20,0111/23,mb3.9/5,1D,Southern Peru

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
ARE	Arequipa	0.92	187	iP	Pn	21	04	07.9 +0.2
ARE				iS	Pn	21	04	25.5 0.0
LPAZ	La Paz	3.21	104	P	Pn	21	04	36.9 +2.7
LPAZ				S	Sn	21	05	16.5 +3.8
NNA	Nana	6.38	303	P	Pn	21	05	16.6 +0.4
NNA				S	Sn	21	06	24.6 -3.2
NNA	Nana	6.38	303	P	Pn	21	05	16.6 +0.4
NNA				S	Sn	21	05	24.6 -3.2
LVC	Limon Verde	7.41	162	P	Pn	21	05	28.4 -1.5
LVC				S	Sn	21	06	45.2 -7.4
LVC	Limon Verde	7.41	162	P	Pn	21	05	28.4 -1.5
LVC				S	Sn	21	06	45.2 -7.4
LVC	Limon Verde	7.41	162	P	Pn	21	05	28.4 -1.5
LVC				S	Sn	21	06	45.2 -7.4
LVC	Limon Verde	7.41	162	P	Pn	21	05	28.4 -1.5
LVC				S	Sn	21	06	45.2 -7.4
LVC	Limon Verde	7.41	162	P	Pn	21	05	28.4 -1.5
LVC				S	Sn	21	06	45.2 -7.4
ATAH	Atahualpa	10.93	320	P	Pn	21	06	16.9 -0.1
ATAH				S	Sn	21	06	16.9 -0.1
LCO	Las Campanas	13.42	177	eP	Pn	21	06	49.0 -0.2
CFAA	Coronel Fontan	16.24	170	P	Pn	21	07	24.6 +0.1
CPUP	Villa Florida	16.94	132	P	Pn	21	07	33.6 +0.6
BDFB	Brasilia	22.51	93	P	Pn	21	08	31.8 -0.8
PLCA	Paso Flores	25.11	179	P	Pn	21	08	57.0 +1.0
TXAR	Lajitas Array	54.43	325	P	Pn	21	12	58.9 +1.8
TXAR				P	Pn	21	12	58.9 +1.8
TXAR	Lajitas Array	54.43	325	P	Pn	21	12	58.9 +1.8
TXAR				P	Pn	21	14	37.8 -0.3
TORD	Torodi Ar. Bea	77.69	73	P	Pn	21	15	25.3 -0.7
ZALV	Zalesovo Beam	137.40	21	PKP	PKP	21	22	51.0 0.0
MKAR	Makanchi Array	141.91	30	PKNPK	PKNPK	21	22	56.1
SONM	Songino Array	147.75	3	PKPb	PKPb	21	23	14.8 +2.3

CSEM 27 21:13:21.7,0.1,3900N-2881E,h2km,MD3.1,Error
ellipse: s-maj=2.2km s-min=1.6km az=145.0

DDA 27 21:13:21.7,3898N-2881E,h2km,MD3.1,
ISCJB 27 21:13:22.6,0.6,3900N-003.288E,0.0,h3km,6km,
Error ellipse: s-maj=5.3km s-min=4.2km az=4.1

ISK 27 21:13:22.9,3897N-2880E,h1km,MD3.1,
ISC 27 21:13:23.0,0.6,3901N-003.288E,0.0,h2km,6km,n25,
0584/3,Turkey

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
DEMI	Demirci	0.09	296	iP	Pg	21	13	24.2 -0.5
DEMI				iS	Sg	21	13	25.4 -0.4
KULA	Kula-Manisa	0.51	194	Pg	Sg	21	13	28.8 +0.2
GDZ	Gediz	0.53	81	iP	Sg	21	13	28.8 +0.2
GDZ				iS	Pg	21	13	40.0 +0.1
AKHS	Akhisar	0.79	261	iP	Sg	21	13	37.6 -0.5
AKHS				iS	Pg	21	13	48.4 0.0
AKS	Akhisar	0.79	261	iP	Sg	21	13	37.6 -0.5
AKS				iS	Pg	21	13	48.4 0.0
BALB	Balikesir	0.96	311	Pg	Pg	21	13	42.1 +0.7
BALB				eSg	Sg	21	13	56.5 +2.6
BTOK	Tokmak	0.97	321	iP	Pg	21	13	40.9 -0.6
ULDT	Uludag	1.16	12	iP	Pg	21	13	43.8 -1.5

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
ULDT				iS	Sg	21	14	00.8 +0.5
BALY	Balya	1.18	311	iS	Sg	21	14	00.7 +6.8
BALY				Sg	Pn	21	14	00.7 -0.2
KCT	Karacabey	1.31	344	ePn	Pn	21	13	47.6 -0.6
IZM	Izmir	1.36	244	ePn	Pn	21	13	47.8 -1.0
SHUT	Shut-Afyon	1.43	108	ePn	Pn	21	13	50.0 +0.1
GEMT	Gemlik	1.46	11	ePn	Pn	21	13	50.1 -0.2
BNT	Bandirma	1.52	333	ePn	Pn	21	13	51.2 +0.1
BLCB	Balcova	1.52	247	ePn	Pn	21	13	50.9 -0.2
ADVT	Abdulvahap	1.59	26	ePn	Pn	21	13	52.0 -0.1
YALOVA	Yalova	1.62	15	ePn	Pn	21	13	52.1 -0.3
ESKT	Eskisehir	1.66	71	iS	Sn	21	13	52.3 +0.3
ESKT	Eskisehir	1.66	71	iS	Sn	21	14	15.5 +0.6
SEYT	Eskisehir	1.66	71	ePn	Pn	21	13	52.9 -0.2
SEYT	Eskisehir	1.66	71	iP	Pn	21	13	53.3 +0.2
SEYT				iS	Sn	21	14	15.5 +0.6
HRT	Hereke	1.93	20	ePn	Pn	21	13	57.0 +0.2
KLYT	Kilys	2.25	4	ePn	Pn	21	14	01.1 -0.1
MDU	Mudurnu	2.35	51	ePn	Pn	21	14	02.8 +0.1
KIZILCI	Kizilci	2.39	92	ePn	Pn	21	14	03.7 +0.6

TRN 27 21:17:59.4,1649N-6192W,h150km,MS3.7(FDF),
M4.1(FDF)

ISCJB 27 21:18:00.4,1.3,165N-0.1,620W,0.1,h142km,13km,Error
ellipse: s-maj=25.5km s-min=20.5km az=141.5

NEIC 27 21:18:00.8,1673N-6196W,h153km,MD3.5(TRN),
MD4.0(RSPR),After TRN

RSPR 27 21:18:05.5,1619N-6247W,h25km,16km
ISC 27 21:18:00.7,1.3,1649N-010.620W,0.1,h145km,13km,n23,
0580/28,6C-3D,Leeward Islands

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
LZG	Guadeloupe-1	0.41	149	iP	Pn	21	18	21.1 +0.1
BCG	Bois Riant Cap	0.54	139	eP	Pn	21	18	21.9 +0.3
SCG	Saint Claude	0.55	147	eP	Pn	21	18	22.0 +0.3
BPA	Boggy Peak	0.56	13	iP	Sn	21	18	23.0 +1.2
BPA				eS	Sn	21	18	38.3 +0.4
HMG	Houelmont	0.58	151	eP	Pn	21	18	21.9 0.0
DCG	Dong Capester	0.62	152	eP	Pn	21	18	22.0 +0.1
TBG	Guadeloupe-3	0.72	152	eP	Pn	21	18	22.9 +0.1
SFG	Saint Francois	0.80	107	eP	Pn	21	18	23.2 -0.1
MFG	Marie-Galante	0.86	31	eP	Pn	21	18	24.1 +0.2
DEG	La Desirade	0.91	101	iP	Sn	21	18	24.0 -0.2
DEG				eS	Sn	21	18	41.4 -0.7
SKI	Saint Kitts	1.10	319	iP	Pn	21	18	25.7 +0.7
SKI				eS	Sn	21	18	46.4 +1.3
SMRT	St. Maarten	1.86	326	eP	Pn	21	18	34.5 +0.6
SMRT				eS	Sn	21	18	57.8 -1.7
STMA								

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

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

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ISA	Isabella	77.06 319	eP	P	00 23 49.5 -0.1
DUG	Dugway	77.12 326	eP	P	00 23 49.8 0.0
DUG	Dugway	77.12 326	eP	Pmax	00 23 49.8 0.0
DUG	Dugway	77.12 326	eP	P	00 23 49.8 0.0
P13A	Bates Ranch, G	77.21 324	P	P	00 23 51.1 +0.9
R11A	Troy Canyon, C	77.27 323	P	P	00 23 51.4 +0.8
Q12A	Willow Creek R	77.35 324	↑P	P	00 23 51.1 0.0
CWC	Cottonwood Cre	77.36 320	↓P	P	00 23 51.5 +0.4
PKM	Peak Mountain	77.36 318	↓P	P	00 23 51.6 +0.4
TSUM	Tsumeb	77.47 106	P	P	00 23 52.1 -0.2
PDAR	Pinedale Array	77.47 329	P	P	00 23 51.2 -0.4
N15A	Stansbury Isla	77.49 326	↑P	P	00 23 51.7 -0.1
S10A	Tonopah Range,	77.53 322	P	P	00 23 52.6 +0.5
VES	Vestal, Richgr	77.55 319	↓P	P	00 23 52.2 -0.1
HWUT	Hardware Ranch	77.55 327	eP	P	00 23 51.9 -0.2
HWUT	Hardware Ranch	77.55 327	eP	P	00 23 51.9 -0.2
HWUT	Warm Springs	77.62 322	P	P	00 24 02.0 +0.3
Q11A	Duckwater	77.66 323	P	P	00 23 53.4 +0.7
Q13A	Hicks Ranch, I	77.69 325	↓P	P	00 23 53.0 +0.2
P12A	McGill	77.70 324	↓P	P	00 23 53.3 +0.3
S09A	Goldfield	77.75 321	↓P	P	00 23 53.1 -0.2
SMMC	Simmler	77.75 318	↓P	P	00 23 53.9 +0.6
SPUT	South Promonto	77.77 327	eP	P	00 23 53.5 +0.1
BGU	Big Grassy Mou	77.78 326	eP	P	00 23 53.2 -0.2
N14A	Grayback Hills	77.80 327	P	P	00 23 53.7 +0.2
M15A	Larsen Ranch,	77.82 327	P	P	00 23 53.8 -0.1
R09A	Tonopah	78.02 322	P	P	00 23 55.0 +0.3
Q10A	Clear Creek Ra	78.05 323	↑P	P	00 23 55.4 +0.4
V05C	Boulder Hill,	78.06 318	↓P	P	00 23 55.4 +0.3
HELL	Mitchell Peak	78.08 320	P	P	00 23 54.9 -0.2
S08C	White Mtn Res	78.14 321	P	P	00 23 56.4 +0.9
O12A	Currie	78.19 325	P	P	00 23 56.4 +0.7
AHID	Auburn Hatcher	78.20 328	eP	P	00 23 55.7 0.0
P11A	Circle Ranch,	78.21 323	↑P	P	00 23 56.2 +0.3
MTUM	Tungsten Hills	78.26 320	P	P	00 23 56.2 +0.1
MTUM	Tungsten Hills	78.26 320	P	P	00 24 06.5 +1.5
HVU	Hansel Valley	78.28 327	eP	P	00 23 56.6 +0.5
HVU	Hansel Valley	78.28 327	eP	P	00 24 05.3
HVU	Hansel Valley	78.28 327	eP	P	00 23 56.6 +0.4
HVU	Hansel Valley	78.28 327	eP	P	00 24 05.3 +0.4
M14A	Sheep Mountain	78.36 326	P	P	00 23 56.6 0.0
Q09A	Carvers	78.50 322	↑P	P	00 23 57.7 +0.3
V04C	Ramage Ranch,	78.50 318	↓P	P	00 23 58.9 +1.5
PKD	Parkfield	78.50 312	↓P	P	00 23 59.2 +1.7
REDW	Red Top Meadow	78.54 329	eP	P	00 23 57.5 0.0
REDW	Red Top Meadow	78.54 329	eP	P	00 24 05.9 -0.1
ULM	Lac du Bonnet	78.56 341	P	P	00 23 56.3 -1.2
ULM	Lac du Bonnet	78.56 341	eP	P	00 23 56.0 -1.5
LOHW	Long Hollow	78.61 329	eP	P	00 23 58.2 +0.3
MLAC	Mammoth Lakes	78.61 320	↓P	P	00 23 58.6 +0.5
P10A	Eureka	78.65 323	↓P	P	00 23 58.6 +0.3
M13A	Montello	78.68 326	↑P	P	00 23 57.4 -0.9
TPAW	Teton Pass	78.68 329	eP	P	00 23 58.4 +0.2
KCC	Kaiser Creek	78.69 320	↓P	P	00 23 58.4 -0.1
T06C	Millerton Lake	78.70 319	↓P	P	00 23 59.4 -0.8
N12A	Clover Valley,	78.76 325	↑P	P	00 23 58.6 -0.2
MOOW	Moose Ponds	78.78 329	eP	P	00 23 59.0 +0.1
MOOW	Moose Ponds	78.78 329	eP	P	00 24 07.8 +0.8
ELK	Elko	78.79 325	eP	P	00 23 59.0 0.0
ELK	Elko	78.79 325	eP	P	00 23 59.0 0.0
ELK	Elko	78.79 325	eP	P	00 23 59.0 0.0
SCHO	Schefferville	78.82 0	P	P	00 23 58.2 -0.5
SCHO	Schefferville	78.82 0	P	P	00 23 58.2 -0.6
NVAR	Mina Array Bay	78.85 321	P	P	00 23 59.1 -0.2
P09A	Austin	78.97 323	↓P	P	00 23 60.0 0.0
IMW	Indian Meadow	78.98 329	eP	P	00 23 58.9 -1.0
IMW	Indian Meadow	78.98 329	eP	P	00 24 07.7 -0.3
FLWY	Flagg Ranch	79.02 329	eP	P	00 24 00.6 +0.5
K14A	Jones Ranch, D	79.05 327	P	P	00 24 00.2 -0.1
L13A	Double Diamond	79.10 326	P	P	00 24 01.2 +0.6
M12A	Wells	79.10 325	P	P	00 24 01.2 +0.5
N11A	Elko Archery C	79.11 324	↓P	P	00 24 00.5 -0.2
O10A	Cortez Mining,	79.14 324	↓P	P	00 24 01.2 +0.3
RLMT	Red Lodge	79.17 331	eP	P	00 24 01.1 +0.2
RLMT	Red Lodge	79.17 331	eP	P	00 24 50.1
T05C	Eagle Field, D	79.20 319	↓P	P	00 24 03.2 +1.9
S05C	Merced	79.30 319	↓P	P	00 24 01.9 +0.1
S06C	San Francisco	79.37 320	P	P	00 24 02.5 +0.2
HAST	Hastings Reser	79.40 318	↑P	P	00 24 04.9 +2.5
O09A	Fish Creek Ran	79.43 323	↑P	P	00 24 03.5 +1.1
N10A	Dumphy	79.45 324	↑P	P	00 24 02.2 -0.4
R06C	Coleville	79.57 321	P	P	00 24 04.5 +1.3
M11A	Holland Ranch,	79.57 325	P	P	00 24 03.8 +0.6
K13A	Stover Farm, H	79.58 327	P	P	00 24 03.9 +0.7
P08A	Dixie Valley	79.59 322	↓P	P	00 24 03.4 0.0
L12A	House Creek Ra	79.68 326	P	P	00 24 04.7 +0.9
DGMT	Dagmar	79.79 336	eP	P	00 24 04.2 +0.1
CMB	Columbia Cole	79.79 320	↑P	P	00 24 04.4 -0.1
GCMT	Greycliff	79.87 331	P	P	00 24 04.4 -0.2
QLMT	Earthquake Lak	79.92 330	eP	P	00 24 06.1 +1.1
K12A	Draper Farm, C	79.93 326	P	P	00 24 06.5 +1.1

M10A	LL Ranch, Tu	80.03 324	P	P	00 24 07.2 +1.5
R05C	Kirkwood Meado	80.06 321	↑P	P	00 24 06.5 +0.7
L11A	Cat Creek Ranch	80.08 325	P	P	00 24 06.3 +0.4
N09A	Rock Creek Ran	80.09 323	↓P	P	00 24 05.3 -0.7
J13A	Cove Ranch, Pi	80.17 327	P	P	00 24 07.0 +0.6
R04C	Big Horse Ranch	80.26 320	↓P	P	00 24 07.1 +0.1
WCN	Washoe City	80.27 321	↑P	P	00 24 07.4 +0.4
PAHR	Pah Rah Range	80.33 322	eP	P	00 24 07.6 +0.2
O07A	Toulon	80.36 322	↓P	P	00 24 07.1 -0.3
N08A	GE Springer Mi	80.37 323	↓P	P	00 24 08.7 +1.2
L10A	Juniper Basin	80.39 325	P	P	00 24 08.1 +0.5
HLID	Hailey	80.41 327	↑P	P	00 24 07.8 +0.2
HLID	Hailey	80.41 327	↑P	P	00 24 08.5 +0.8
M09A	Marrel Ranch,	80.45 324	↑P	P	00 24 07.9 0.0
LAVA	Lava Cap Winer	80.48 320	↑P	P	00 24 08.0 -0.1
BOSA	Boshof	80.50 117	P	P	00 24 08.8 +0.1
I13A	Wildhorse Cree	80.52 327	P	P	00 24 09.0 +0.8
J12A	Stokes Ranch,	80.52 326	P	P	00 24 08.6 +0.3
MCMT	McKenzie Canyo	80.59 329	eP	P	00 24 09.0 +0.5
P06A	Stead Airport,	80.61 321	↑P	P	00 24 09.2 +0.4
BDM	Black Diamond	80.61 319	↓P	P	00 24 10.6 +1.8
K11A	Parker Ranch,	80.66 326	P	P	00 24 09.3 +0.3
G15A	Dillon	80.67 329	P	P	00 24 09.2 +0.2
P05C	Yuba Gap, Truc	80.76 321	↑P	P	00 24 10.0 +0.3
N07B	Gerlach	80.83 323	↓P	P	00 24 10.2 +0.3
DLMT	Dillon	80.87 329	eP	P	00 24 09.9 -0.2
M08A	Happy Creek Ra	80.97 323	↑P	P	00 24 10.9 +0.2
L09A	Wilkinson Ranch	80.98 324	↑P	P	00 24 10.9 +0.1
BEKR	Beckworth	81.00 321	↑P	P	00 24 10.8 0.0
MFID	Camas Ranch	81.01 326	↑P	P	00 24 11.0 +0.2
K10A	MacKenzie Ranc	81.09 325	↑P	P	00 24 10.7 -0.6
MAW	Mawson	81.10 163	↑P	P	00 24 11.4 +0.3
MAW	Mawson	81.10 163	P	P	00 24 11.6 +0.5
MAW	Mawson	81.10 163	P	P	00 58 28.3
MAW	Mawson	81.10 163	P	P	00 24 11.4 +0.3
F15A	Butte	81.18 330	↓P	P	00 24 11.5 -0.2
G14A	Jackson	81.18 329	↓P	P	00 24 11.9 +0.2
N06A	Buffalo Meadow	81.29 322	P	P	00 24 12.2 -0.2
H12A	Diamond D Ranc	81.35 328	P	P	00 24 12.8 +0.2
M07A	Soldier Meadow	81.36 323	P	P	00 24 12.5 -0.2
O05C	Quincy	81.38 321	↑P	P	00 24 13.0 +0.1
I11A	Placerville	81.43 326	↑P	P	00 24 12.5 -0.6
G13A	Cobalt	81.44 328	↓P	P	00 24 13.3 +0.2
ORV	Oroville	81.45 320	↓P	P	00 24 13.1 -0.1
L08A	Fields	81.46 324	P	P	00 24 13.1 -0.2
K09A	Rome	81.49 325	P	P	00 24 13.3 0.0
J10A	Berg Farm, Mel	81.50 326	↓P	P	00 24 13.2 -0.3
MNRC	McLaughlin Nat	81.56 319	↓P	P	00 24 15.4 +1.5
F14A	Wisdom	81.56 329	↑P	P	00 24 14.1 +0.4
E15A	Deer Lodge	81.69 330	↑P	P	00 24 13.9 -0.4
O04C	Chester	81.72 321	↓P	P	00 24 14.1 -0.5
VW0R	Wild Horse Val	81.79 324	eP	P	00 24 14.2 -0.8
VW0R	Wild Horse Val	81.79 324	eP	P	00 24 14.2 -0.8
L07A	Adell	81.88 323	↓P	P	00 24 15.8 +0.3
K08A	Mann Creek Ran	81.91 324	↑P	P	00 24 15.6 0.0
J09A	Fry Pan Ranch,	81.95 325	↑P	P	00 24 16.0 +0.2
M06C	Riley Place G	81.96 322	↓P	P	00 24 15.9 0.0
I10A	Payette	81.99 326	↓P	P	00 24 15.9 0.0
F13A	Darby	82.00 329	P	P	00 24 16.0 0.0
H11A	Donnelly	82.03 327	↓P	P	00 24 16.1 -0.1
E14A	Clinton	82.07 329	↓P	P	00 24 16.1 -0.2
D15A	Lincoln	82.09 330	↑P	P	00 24 16.4 -0.1
GASB	Alder Springs	82.22 320	↑P	P	00 24 17.5 +0.2
HATC	Hat Creek Radi	82.26 321	↑P	P	00 24 17.2 -0.3
K07A	Rock Creek Ran	82.29 324	↑P	P	00 24 17.9 +0.3
H10A	Noah's Angus R	82.31 327	↓P	P	00 24 16.9 -0.7
CHMT	Chamberlain Mo	82.33 330	eP	P	00 24 17.1 -0.6
MOD	Modoc	82.33 323	↓P	P	00 24 18.5 +0.7
MOD	Modoc	82.33 323	P	P	00 24 16.3 -1.5
I09A	Lost Marbles R	82.39 326	P	P	00 24 17.9 -0.1
E13A	Darby	82.41 329	↓P	P	00 24 18.2 +0.1
F12A	Elk City	82.42 328	P	P	00 24 18.0 -0.2
M05C	Leotout	82.44 322	↓P	P	00 24 18.0 -0.4
D14A	Greenough	82.57 330	↑P	P	00 24 18.3 -0.6
MSO	Missoula	82.58 330	eP	P	00 24 18.8 -0.2
G11A	Walters Elk Ra	82.65 327	P	P	00 24 19.3 -0.1
L05A	Lakeview	82.72 323	↓P	P	00 24 20.0 +0.1
WDC	Whiskeytown Da	82.72 321	↑P	P	00 24 18.3 -1.6
I08A	Drewsey	82.77 325	↑P	P	00 24 19.8 -0.2
J07A	Darby	82.79 324	↓P	P	00 24 20.1 0.0
H09A	Durkee	82.83 326	↓P	P	00 24 20.3 0.0
K06A	Valley Falls	82.91 323	P	P	00 24 21.4 +0.6
M03C	McCloud	82.94 321	↓P	P	00 24 20.2 -0.7
F11A	Grangeville	82.95 328	↑P	P	00 24 20.0 -0.9

G10A	Bishop Farm, J	83.00 327	↑P	P	00 24 21.3 +0.1
D13A	Huson	83.02 329	P	P	00 24 21.2 0.0
M04C	Macdoel	83.11 322	↓P	P	00 24 21.5 -0.3
J06A	Christmas Vall	83.16 324	P	P	00 24 21.9 -0.1
K05A	Summer Lake	83.21 323	P	P	00 24 22.6 +0.3
H08A	Prairie City	83.25 326	P	P	00 24 22.4 -0.1
E11A	Bogner Ranch,	83.31 328	P	P	00 24 21.9 -0.8
G09A	Cove	83.32 327	P	P	00 24 22.9 +0.1
N02C	Big Bar	83.32 320	P	P	00 24 23.6 +0.6
I07A	Callahan	83.38 325	P	P	00 24 23.9 +0.8
L04A	Klamath Falls,	83.40 322	↑P	P	00 24 23.1 -0.2
M02C	Callahan	83.43 321	↑P	P	00 24 23.3 -0.2
C13A	Hot Springs	83.50 330	P	P	00 24 23.6 -0.1
F10A	Beach Ranch, E	83.53 327	↓P	P	00 24 23.5 -0.4

28d 2h

Table with columns: YKA, ARS, ARU, WRA, etc. and rows listing station names, coordinates, and various parameters like frequency and power.

ISCJB 28 02:12:50.0, 0.4, 0.79N-0.08-2838W-0.06, h10km, mb4.3/22, MS4.1/20, Error ellipse: s-maj=12.6km s-min=7.8km az=154.9

ISC 28 02:12:50.1, 0.7, 0.77N-2837W, h10km, mb4.2/13, MS1.4/12, MS1.1mx4.0/27, Error ellipse: s-maj=31.9km s-min=14.2km az=136.0

NEIC 28 02:12:51.5, 0.3, 0.76N-2836W, h10km, mb4.6/12, Error ellipse: s-maj=9.1km s-min=5.7km az=155.0

ISC 28 02:12:53.6, 0.1, 0.76N-0.09-2835W-0.07, h21km, n38, 0563/29, mb4.3/22, MS4.1/20, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

2007 JUN

Table with columns: ARCS, ARCS Array B, YKA, ARS, etc. and rows listing station names, coordinates, and various parameters.

WEL 28 01:57:06.6, 0.5, 385S3-17584E, h172km, 3km, ML3.5/15, Error ellipse: s-maj=2.7km s-min=2.6km az=30.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

ISC 28 02:04:59.6, 2.9, 6253N-15157W, h71km, 30km, MB3.5/9, mb1.3/6/12, mb1mx3.5/23, mbtmp3.4/32, Error ellipse: s-maj=24.3km s-min=17.2km az=35.0

ISCJB 28 02:05:00.1, 0.3, 6246N-003.15127W-0.08, h99km, 4km, mb3.8/9, Error ellipse: s-maj=6.4km s-min=5.4km az=150.9

NEIC 28 02:05:02.5, 6244N-151.19W, h83km, MG3.5(AEIC), After EQC

ISC 28 02:05:01.3, 0.3, 6245N-003.15128W-0.08, h91km, 4km, n44, 0853/11, mb3.8/9, Central Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

832

AKASG Malin Array Be 67.20 360 P P 02 15 44.4 -0.6

NSSP 28 02:21:23.8, 41.47N-42.13E, h10km, ML3.1 DDA 28 02:31:24.8, 41.42N-42.15E, h9km, 4km, Md3.5 TIF 28 02:31:27.0, 41.23N-42.14E, h1km, 1km MOS 28 02:31:28.3, 2.6, 41.00N-41.85E, h19km, mb4.1/1, Error ellipse: s-maj=16.1km s-min=10.2km az=76.9

ISC 28 02:31:28.2, 41.22N-42.14E, h6km, MD3.6, ML3.6 CSEM 28 02:31:29.5, 0.3, 41.04N-42.08E, h5km, 2km, MD3.5 ISCJB 28 02:31:29.4, 0.5, 41.15N-002.4207E-0.02, h10km, Error ellipse: s-maj=3.4km s-min=2.4km az=2.9

ISC 28 02:31:29.4, 0.5, 41.15N-002.4208E-0.02, h0km, 4km, n43, 0125/69, 1C-3D, Turkey-Georgia-Armenia border

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

SGS 28 02:32:57.9, 2970N-3503E, h7km ISCJB 28 02:32:59.0, 1.9, 2971N-0.1, 351E-0.1, h23km, 9km, Error ellipse: s-maj=25.0km s-min=7.2km az=138.3

CSEM 28 02:32:59.0, 0.0, 2965N-35.10E, h20km, ML3.1, Error ellipse: s-maj=1.2km s-min=1.1km az=173.0

HLW 28 02:32:59.6, 2970N-3508E, h14km, Mb3.1 ISC 28 02:32:59.0, 2.3, 2971N-0.1, 351E-0.1, h18km, 7km, n15, 0867/13, 3C-2D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

MAN 28 03:34:45, 1207N-12190E, h30km, mb4.3, ML3.2, MS3.0, 2C, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

ISC 28 02:36:09.4, 1.3, 387S-14306E, h0km, mb4.1/7, mb1.4 3/9, mb1mx4.1/17, mbtmp4.2/9, ML4.4/2, Error ellipse: s-maj=49.4km s-min=18.1km az=98.0

ISCJB 28 02:36:10.5, 8.3, 39S.0, 1431E-0.2, h21km, 61km, mb4.1/9, Error ellipse: s-maj=30.6km s-min=23.3km az=166.7

NEIC 28 02:36:12.1, 7.3, 382S-14323E, h24km, 50km, mb4.2/4, Error ellipse: s-maj=27.8km s-min=16.5km az=64.0

ISC 28 02:36:14.9, 3.4, 39S.0, 1431E-0.2, h39km, 32km, n20, 0884/17, mb4.1/9, LD, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various stations and their parameters.

835

Table with columns for flight codes (KMI, KLR, CHD, etc.), destinations (Bhumibol Dam, Chiang Mai, etc.), times, and status (eP, P, S, etc.).

2007 JUN

Table with columns for flight codes (RKT, CLNS, GTA, etc.), destinations (Rikitea, Chul'man, Gaotai, etc.), times, and status (eP, P, S, etc.).

28d 2h

Table with columns for flight codes (TAPN, ODAN, TLY, etc.), destinations (Tapejung, Odare, Talaya, etc.), times, and status (eP, P, S, etc.).

Table with columns: KRAR, Krasnoyarsk, 81.40, 330, eP, P, pmax, 03 04 26.8 +0.2. Includes entries like PMR Palmer, QSPA South Pole Qui, and many others.

Table with columns: ULHL, Ulahol, 86.79, 313, P, P, 03 04 55.8 +1.4. Includes entries like DAWY Dawson, WRAP Wrangell Island, KURK Kurchatov, and many others.

Table with columns: YBH, comp=Z, 440nm, 2.0s, MLR, MLR. Includes entries like YBH Yreka Blue Hor, YBH Yreka Blue Hor, and many others.

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like Longmie, Likely Place G, Laguna Peak, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like BRVK, Borovoye, WWOR, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like BMO, Blue Mountains, BMO, etc.

Table with columns: ID, Name, Date, Time, Az, El, SNR, and other parameters. Rows include stations like H12A Diamond D Ranc, T13A Saint George, R13A O'Grady Ranch, etc.

Table with columns: ID, Name, Date, Time, Az, El, SNR, and other parameters. Rows include stations like EDM DLMT Dillon, MAIT Maitri, NLU North Lily Min, etc.

Table with columns: ID, Name, Date, Time, Az, El, SNR, and other parameters. Rows include stations like 119A Ashpeak Ranch, Z19A T-Link Ranch, W19A Sanders, etc.

28d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include URZ, ASAR Alice Springs, WRA Warrungana Arr, QSPA South Pole Qui, FINES FINES Array B, NOA NORARS Array B, TORD Torodi Arr, BEA 162.89 182.

IDC 28 03:59:11.5.5.0.2917S.7464E, h0km, mb3.7/3, mb1 3.9/3, s-maj=216.4km s-min=41.5km az=39.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include ASAR Alice Springs, WRA Warrungana Arr, MKAR Makanchi Array, YKA Yellowknife Arr.

NEIC 28 04:10:55.0.2.6.3725N.7244E, h157km, 15km, mb3.7/3, Error ellipse: s-maj=32.1km s-min=16.4km az=167.0, IDC 28 04:10:54.4.6.3728N.7240E, h148km, 36km, mb3.3/5, mb1 3.3/9, mb1mx3.2/25, mbtmpp3.2/9, Error ellipse: s-maj=47.7km s-min=29.2km az=146.0

ISC 28 04:11:00.8.10.0.3806N.71.14E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=81.7km s-min=67.0km az=5.0

ISCJB 28 04:11:01.1.1.8.378N.0.1.723E.0.1, h192km, 14km, mb3.3/5, Error ellipse: s-maj=21.7km s-min=13.5km

ISC 28 04:11:01.7.2.1.378N.0.2.723E.0.1, h183km, 16km, n27, s086/34, mb3.5/4, 4C-3D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include AML Almayashu, UCH Uchtor, KZAR Kyzart, ERKIN Say, EKSA Erkin-Say, AAK Ala-Archa, MKAR Makanchi Array, INK Inuvik, RES Resolute Bay, YKA Yellowknife Arr, WRA Warrungana Arr, FINES FINES Array B, NB2 NORARS Subarra, NOA NORARS Array B, TORD Torodi Arr, BEA 162.89 182, YKA Yellowknife Arr.

NEIC 28 04:16:49.8, 1886N-6437W, h57km, MD3.5(RSPR), After RSPR.

RSPR 28 04:16:49.8, 1886N-6437W, h57km, 1km, MD3.5/6, MD3.5/6

ISC 28 04:16:48.4.1.9, 188N-02.643W.01, h63km, 15km, n10, s05/15, 8C-1D, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include ABV Anegada, TBVI Tortola, MTP Monte Pirata, CBYP Canovanas, HUMP Col San Antoni, CPD Cerro la Pandu, CELP Cerrillos, AOPR Arecibo Observ, LSP Las Mesas.

ISCJB 28 04:37:51.9.0.4, 4145N-004.1200E.005, h72km, 3km, mb3.9/15, Error ellipse: s-maj=7.0km s-min=4.3km az=137.4

MOS 28 04:37:51.5.1.3, 4149N-142.00E, h66km, mb4.4/8, Error ellipse: s-maj=16.6km s-min=11.0km az=82.1

JMA 28 04:37:52.6.0.1, 4148N-142.00E, h63km, 2km, M3.7, JMA Feit J1.

NEIC 28 04:37:53.6.0.8, 4152N-142.08E, h72km, 8km, mb4.2/5, Error ellipse: s-maj=12.1km s-min=8.5km az=128.0

IDC 28 04:37:54.7.1.1, 4152N-142.02E, h28km, 14km, mb3.6/10, mb1 3.7/13, mb1mx3.6/24, mbtmpp3.6/13, Error ellipse: s-maj=22.0km s-min=12.3km az=115.0

ISC 28 04:37:52.9.0.4, 4146N-004.14199E.004, h64km, 3km, n48, s067/62, mb4.0/15, SD, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include JOT Ohata, JKB Kayabe, JTM Tenmabayashi, JTB Tokai, JNB Urakawa-nobuka, JNBK Urukawa, ERM Ermo.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include ERM Ermo, JEM JEM, JANG Nango, JEW Eniwo, JCH Churui, JFR Furan, JOSJ Okushiri-Mats, ASAJ Asahikawa.

ASAJ 28 04:39:06.9.0.3, 7.9nm, 0.3s, baz=238, slow=9.6, SNR=20 S Sn

ASAJ 28 04:38:47.0.8, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

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ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

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ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

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ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

ASAJ 28 04:39:06.9.1.6, 7.2nm, 0.4s, baz=19, slow=32, SNR=9.6 S Sn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BOYT Boyabat, CANT Cankiri, DIKM Dikmen, CTKT Corum, KDZE Karadeniz Ereo, KORM Corum, CORM Corum, KVT Kavak, AVNT Avanos, MDAG Cicekdag, CDAG Cicekdag, KAMT Kaman, YOZ Yozgat, AVNT Avanos, TIRR Tirgusor, TIRR Tirgusor, HARR Harsova, VRI Vricioia, VRI Vricioia, MLR Muntele Rosu, MLR Muntele Rosu.

ISCJB 28 05:58:41.9.1.0, 2989N-004.3625E.007, h10km, Error ellipse: s-maj=8.4km s-min=5.1km az=173.4

HLW 28 05:58:41.2, 2976N-3635E, h20km, Mb2.9, Gll 28 05:58:41.5.0.0, 2990N-3626E, h0km, ML1.9/2, EXPLOSION

SGS 28 05:58:41.3, 3001N-3627E, h5km, CSEM 28 05:58:42.1.0.5, 2973N-3624E, h2km, ML2.9, Error ellipse: s-maj=11.7km s-min=5.9km az=65.0

ISC 28 05:58:40.3.1.0, 2987N-004.3635E.007, h0km, n18, s083/25, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include HRFI Mount Harif, ZFRI Zfri, EIL Elat, MBRI Mt Berech, HOLI Holon, PRNI Paran, JLOS Jlos, JLOS Jlos, KRMI Paran Flat, HBST Basata, MZDA Masada, DSJ Dead Sea, HDBH Dhahab, HNKL Nakhli, PRNI Paran, RSHS Rosh, HKAT Jabal Katrina, TR2 Tr2, AMAG Maghara.

NEIC 28 06:11:06.8, 3995N-2049E, h24km, MD3.3(ATH), After ATH.

ATH 28 06:11:06.8, 3995N-2049E, h24km, 1km, MD3.3/4, CSEM 28 06:11:07.3.0.2, 4001N-2051E, h20km, MD3.3, Error ellipse: s-maj=5.9km s-min=2.9km az=173.0

ISC 28 06:11:09.0.0.7, 3965N-006.2044E.005, h11km, 8km, n9, s190/12, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include JAN Janina, SRN Sarande, SRN Sarande, SRN Sarande, KKK Kerkira, KBN Korca, KZN Kozani, THL Klokots Trika, EVR Erytria, VAS Valsamita, PHP Peshkopia.

IDC 28 06:14:50.0.4.2, 3055S-13817E, h0km, mb1 3.0/3, mb1mx3.0/14, mbtmpp4.0/3, ML4.1/7, Error ellipse: s-maj=92.6km s-min=17.2km az=40.0, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRA Warrungana Arr.

IDC 28 06:21:08.7.3.1, 0335S-1920W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.5/25, mbtmpp4.0/3, ML4.1/7, Error ellipse: s-maj=117.2km s-min=61.2km az=144.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include LIC Lamto, TIC Toumoudi, KIC Kusan Boka, DBIC Dimbokro, TORD Torodi Arr, AKASG Malin Array B, ASAR Alice Springs.

ISCJB 28 06:29:08.7.2.8, 2645S-02.1791E.0.1, h522km, 37km, mb3.9/10, Error ellipse: s-maj=24.8km s-min=18.0km az=175.3

IDC 28 06:29:09.2.5, 2647S-1791E, h525km, 29km, mb3.3/7, mb1 3.6/8, mb1mx3.3/16, mbtmpp3.4/8, Error ellipse: s-maj=28.7km s-min=16.1km az=169.0

NEIC 28 06:29:10.5.0.2, 2656S-1791E, h538km, 37km, mb4.1/5, Error ellipse: s-maj=42.4km s-min=26.4km az=185.0

ISC 28 06:29:09.2.6, 2655E-02.1792E.0.1, h528km, 35km, n23, s083/17, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include URZ Urewera, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASAR, WB2, WRA, FORT, KAKA, FITZ, PETK, NVAR, MINA, LAJTAS, TXAR, BVAR, ARCES, FINES, FINES, FINES, NOA, AKASG, TORD.

ISC 28 06:39:08.0±2.5, 5411N-8647E, h0km, mb1 3.2/1, mb1mx2.9/24, mbtmp3.2/1, ML3.2/1, Error ellipse: s-maj=19.8km s-min=3.2km az=81.0, Southwestern Siberia

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

CASC 28 06:45:44.8±2.7, 898N-8295W, h1km, 6km, MD4.0, 9C-5D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CTRC, BRU2, TBS2, ACR, BAR1, CNI, BUS, LIO, URSC, QCR, CQR, LCR2, SJS, PRS1, CGA2, CGA2, FORC, JCR, JCR, LIM1, LIM1, AZU, BCIP, PTP.

ISC 28 07:16:16.9±2.4, 3633N-7420E, h0km, mb4.1/5, mb1 4.3/9, mb1mx3.9/25, mbtmp4.2/9, ML3.7/5, Error ellipse: s-maj=50.4km s-min=25.3km az=129.0

ISC/JB 28 07:16:28.9±0.5, 3684N-003.7428E-009, h91km, 8km, mb4.0/7, Error ellipse: s-maj=11.9km s-min=4.2km az=177.8

BUI 28 07:16:31.9, 3696N-7445E, h142km

MOS 28 07:16:36.0±1.1, 3733N-7402E, h117km, mb4.1/6, Error ellipse: s-maj=26.7km s-min=9.8km az=92.0

NEIC 28 07:16:38.0±7.7, 3741N-7406E, h117km, 31km, mb4.1/3, Error ellipse: s-maj=88.7km s-min=19.9km az=173.0

NNC 28 07:16:37.9±6.7, 3735N-7362E, h103km, 78km, mb3.3, mpv3.6, Error ellipse: s-maj=52.6km s-min=34.9km az=17.0

ISC 28 07:16:30.5±0.4, 3685N-003.742E-009, h88km, 8km, n56, ±130/70, mb4.0/7, 5C-6D, Northwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSH, KSH, KSH, CHCP, THW, DLH, THN, THN, SARP, KZA, AML, AML, UCH, AAK, AAK, EKS2, EKS2, TKM2, TKM2, TKM2, TKM2, SMLA, SMLA, KLP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KLP, KK31, JOSI, JOSI, JOSI, MKAR, DANN, KORN, KORN, JURR, KURB, KURK, KURK, RAMN, AB31, BVAO, BVAR, AKTO, AKTO, ZAL, ZAO, ZALV, KIV, KIV, FINES, FINES, FINES, FINES, ARCES, ARCES, YAK, NB2, NOA, NOA, NOA, TORD, YKA, YKA, YKA.

KRSC 28 07:26:33.1±1.0, 5142N-15780E, h137km, 57km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RUS, RUS, MIPR, GRU, ALID, PET, AVH, AVH, NLC, NLC, SPN, GNL, KII, MKZ, MKZ, KBTR.

ISK 28 08:09:52.3, 3444N-2866E, h32km, MD3.8

MOS 28 08:09:54.4±1.1, 3453N-2885E, h33km, mb4.1/12, Error ellipse: s-maj=9.8km s-min=5.5km az=118.8

ISC/JB 28 08:09:55.3±0.2, 3457N-002.2892E-002, h46km, 4km, mb3.9/22, Error ellipse: s-maj=3.1km s-min=2.2km az=140.6

CSEM 28 08:09:55.1±0.1, 3456N-2887E, h43km, 1km, mb4.0/15, Mw3.4, Error ellipse: s-maj=1.7km s-min=1.0km az=64.0

HLW 28 08:09:55.1, 3459N-2902E, h10km, Mb4.2

ATH 28 08:09:56.8, 3483N-2890E, h98km, 3km

NEIC 28 08:09:57.6±0.3, 3467N-2891E, h41km, 3km, mb4.1/9, MD3.9(ISK), Error ellipse: s-maj=5.7km s-min=2.9km az=189.0

ISC 28 08:09:57.3±2.2, 3466N-2897E, h39km, 24km, mb3.7/11, mb1 3.8/18, mb1mx3.7/29, mbtmp3.8/18, ML3.8/7, MS2.7/1, MS1 2.7/1, ms1mx2.2/45, Error ellipse: s-maj=21.3km s-min=14.2km az=4.0

NIC 28 08:09:58.2±0.2, 3505N-2901E, h51km, mb4.2, ML3.8, MW3.4

GII 28 08:10:01.0±0.0, 3429N-2947E, h0km, ML3.5/4

DDA 28 08:10:06.2, 3558N-2877E, h30km, 2km, MD3.6

ISC 28 08:09:57.1±0.2, 3461N-002.2891E-002, h42km, 4km, n188, ±09/231, mb3.9/21, 3C-5D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSL, KARP, KARP, AKAS, ARG, ARG, DALT, DALT, DALT, DALT, ELL, ELL, MISR, YER, YER, YER, YER, XRY, XRY, ANTB, ANTB, BDRM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BDRM, NPS, NPS, MLBS, PPHY, ALFC, ALFC, DENIZ, DENIZ, BUCK, BUCK, SZAC, SZAC, SZAC, LEF, LEF, IDI, IDI, ISP, ISP, ISP, ISP, SAM, SAM, MAM, MAM, TKPT, TKPT, CSS, CSS, CSS, APearanthos, APearanthos, HDMB, HDMB, KHAL, KHAL, KHAT, KHAT, ERMK, ERMK, LFK, LFK, LFK, LFK, VAM, VAM, GAD, GAD, KCB, KCB, SHUT, SHUT, UURL, UURL, UURL, UURL, IKL, IKL, KONT, KONT, AKHS, AKHS, AKS, AKS, SLUM, SLUM, EREN, EREN, DEMI, DEMI, GDZ, GDZ, LADK, LADK, KADH, KADH, AANS, AANS, AANS, AANS, HMVD, HMVD, HMVD, HMVD, SOR, SOR, ESKT, ESKT, SEYT, SEYT, NATUN, NATUN, FYM, FYM, FYM, FYM, VLI, VLI, AMAG, AMAG, ASAF, ASAF, GULE, GULE, GULE, GULE, GLL, GLL, GLL, MAA3, MAA3, MMAOB, MMAOB, MMAI, MMAI, MMAI, SLT, SLT, MMS, MMS, KSDI, KSDI, RACH, RACH, MMLI, MMLI, HBNS, HBNS, HMDT, HMDT, SWA2, SWA2, DSI, DSI, ITM, ITM, AWBH, AWBH, HNKL, HNKL, NZDA, NZDA, KRMI, KRMI, ZFRI, ZFRI, PRNI, PRNI, HRFI, HRFI, RLS, RLS, MBRI, MBRI, EIL, EIL, EIL, EIL, ASF, ASF, ASF, ASF, HBST, HBST, HOLS, HOLS, HOLS, TR2, HFRF, HFRF, VLS, VLS, HDHB, HDHB, TR1, TR1, RSHS, RSHS, JLOS, JLOS, JLOS, JLOS, HHRG, HHRG, HSFQ, HSFQ, HEDF, HEDF, TIP, TIP, TIP, TIP, PEZZ, PEZZ, KEAD, KEAD, KEAD, AKASG, AKASG, AKASG, AKASG, GERES, GERES, MBDF, MBDF.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Montbardon, Bardonecchia, La Plagne, etc.

IDC 28 08:11:58.8-3.3, 3598N-141.33E, h0km, mb3.5/2, mb1 3.5/4, mb1mx3.3/23, mbtmp3.5/4, ML3.0/2, Error ellipse: s-maj=72.3km s-min=30.3km az=62.0

ISCJB 28 08:12:04.7-1.2, 3586N.006-141.0E.01, h48km, 1.0km, mb3.4/2, Error ellipse: s-maj=18.0km s-min=8.5km az=166.4

JMA 28 08:12:06.3-0.1, 3590N-140.84E, h41km, 1km, M2.8, ISC 28 08:12:05.7-1.2, 3589N.006-141.0E.01, h39km, 1.2km, n8, +0595/12, mb3.4/2, Near east coast of eastern Honshu

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

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

BJI 28 08:26:32.8, 4204N-171.70E, h18km, mb3.8, ML4.3, ISCJB 28 08:26:37.0-0.9, 4202N.003-72.54E.005, h15km, 6km, mb3.9/1.0, M33.1/4, Error ellipse: s-maj=6.2km

IDC 28 08:26:38.1-1.1, 4171N-172.83E, h17km, 4km, mb3.8/7, mb1 4.0/10, mb1mx3.7/27, mbtmp3.9/10, ML4.1/3, MS3.1/6, Ms1 3.1/6, ms1mx2.9/36, Error ellipse: s-maj=18.8km s-min=9.6km az=158.0

NINC 28 08:26:41.0-3.2, 4200N-72.60E, h0km, mb4.4, mpv4.8, Error ellipse: s-maj=35.5km s-min=10.1km az=6.0, NEIC 28 08:26:40.6-0.8, 4199N-72.59E, Error ellipse: s-maj=13.2km s-min=8.5km az=164.0

MOS 28 08:26:43.5-1.6, 4237N-72.82E, h33km, mb4.1/8, Error ellipse: s-maj=12.6km s-min=6.7km az=92.1, ISC 28 08:26:58.9-0.9, 4199N-72.54E.004, h3km, 6km, h19km, 2.8km, pp-N74, e+126/96, mb3.8/1.0, MS3.1/4, 19C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Almayashu, Erkin-Say, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tokmak 2, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NEIC 28 08:26:43.1, 1754N-96.98W, h89km, MD3.9(MEX), After MEX

MEX 28 08:26:43.8-0.5, 1756N-96.93W, h83km, 6km, MD3.9, Oaxaca

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 118A Homack Ranch, 219A T-Link Ranch, 1177A Oracle, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like S18A Hurst Farm, M10NP Monument Peak, V14A Bodelias Ranc, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RSSD Santa Cruz Isl, BSC Santa Cruz Isl, DAU Topopah Canyon, etc.

U04C	Hernandez Rese	67.55 321	↑P	P	08 55 42.9 +0.1
TPAW	Teton Pass	67.56 332	eP	P	08 55 42.6 0.0
VNA1	Neumayer-Stat	67.58 161	ePKPdf	P	08 55 42.7 +0.3
VNA1			e	pP	08 55 50.7 -0.5
VNA1			e		08 55 54.4
Q08A	Gabbs	67.60 325	P	P	08 55 43.0 0.0
P09A	Austin	67.66 326	↑P	P	08 55 43.0 -0.4
MOOW	Moose Ponds	67.67 333	eP	P	08 55 42.9 -0.4
R07C	Lee Vining	67.69 324	↑P	P	08 55 43.7 +0.1
DC1D	Drake Creek	67.74 332	↑P	P	08 55 44.1 +0.3
N11A	Elko Archery C	67.83 328	↑P	P	08 55 44.3 -0.1
T05C	Eagle Field, D	67.84 322	↑P	P	08 55 44.2 -0.3
O10A	Cortez Mining,	67.84 327	↑P	P	08 55 44.8 +0.3
K14A	Jones Ranch, D	67.85 330	P	P	08 55 44.1 -0.3
M12A	Wells	67.85 329	P	P	08 55 44.1 -0.4
IMW	Indian Meadow	67.87 333	eP	P	08 55 43.5 -1.1
L13A	Double Diamond	67.87 330	↑P	P	08 55 44.9 +0.2
FLWY	Flagg Ranch	67.92 333	eP	P	08 55 45.0 +0.2
FLWY			eP	pP	08 55 53.4 -0.3
S05C	Merced	67.94 322	↑P	P	08 55 45.0 -0.2
VNA2	Neumayer-Watz	67.94 161	ePKPdf	P	08 55 44.4 -0.3
VNA2			e	pP	08 55 53.0 -0.5
VNA2			e		08 55 56.1
S06C	San Francisco	68.02 323	P	P	08 55 46.1 +0.5
O09A	Fish Creek Ran	68.12 326	P	P	08 55 46.6 +0.3
RLMT	Red Lodge	68.14 334	eP	P	08 55 46.1 -0.1
RLMT			eP	pP	08 55 54.2 -0.8
Q07A	Schurz	68.14 324	↑P	P	08 55 46.1 -0.4
N10A	Dumphy	68.16 327	↑P	P	08 55 46.7 +0.2
LKWY	Lake	68.17 333	eP	pmax	08 55 47.6 +1.2
LKWY			eP	MLR	08 55 53.4 -0.3
LKWY			eP	P	08 55 47.6 +1.2
LKWY			eP	MLR	08 55 53.4 -0.3
R06C	Coleville	68.22 324	↑P	P	08 55 47.4 +0.5
LAO	LASA Array	68.23 337	eP	P	08 55 46.2 -0.6
LAO			eP	LR	08 55 54.4 -1.4
ULM	Lac du Bonnet	68.24 346	P	P	08 55 45.4 -1.4
ULM			eP	LR	09 28 46.1
ULM	Lac du Bonnet	68.24 346	eP	P	08 55 45.2 -1.5
ULM			eP	pP	08 55 54.2 -1.4
YFT	Old Faithful	68.27 333	eP	P	08 55 49.5 +2.5
P08A	Dixie Valley	68.27 325	↑P	P	08 55 47.5 +0.3
PACF	Pache Peak	68.28 321	↑P	P	08 55 47.5 +0.1
M11A	Holland Ranch,	68.31 328	P	P	08 55 47.7 +0.4
BMN	Battle Mountai	68.33 326	eP	pP	08 55 47.0 -0.5
BMN			eP	pmax	08 55 56.4 +0.1
BMN			eP	MLR	08 55 48.6 +0.4
BMN			eP	LR	08 55 56.4 +0.1
K13A	Stover Farm, H	68.36 330	P	P	08 55 47.8 +0.1
YNR	Norris Junctio	68.41 333	eP	P	08 55 49.1 +1.2
CMB	Columbia Colle	68.43 323	P	P	08 55 48.3 +0.1
CMB	Columbia Colle	68.43 323	eP	P	08 55 48.3 +0.1
L12A	House Creek Ra	68.44 329	P	P	08 55 48.6 +0.4
P07A	Fallon	68.61 325	↑P	P	08 55 49.6 +0.3
S04C	Ingram Canyon,	68.63 322	↑P	P	08 55 49.3 -0.2
R05C	Kirkwood Meado	68.70 323	↑P	P	08 55 50.5 +0.6
K12A	Draper Farm, C	68.75 329	P	P	08 55 50.5 +0.4
M10A	L.L. Ranch, Tu	68.78 328	↑P	P	08 55 50.3 +0.1
N09A	Rock Creek Ran	68.79 327	↑P	P	08 55 50.0 -0.4
QLMT	Earthquake Lak	68.83 333	eP	P	08 55 51.4 +0.9
L11A	Cat Creek Rang	68.83 329	P	P	08 55 51.0 +0.4
GCMT	Greycliff	68.84 335	eP	P	08 55 50.1 -0.5
GCMT			eP	pP	08 55 58.9 -0.5
BNLO	Ben Lomond (Sa	69.00 321	↑P	P	08 55 51.8 +0.6
R04C	Big Horse Ranc	68.90 323	↑P	P	08 55 51.4 +0.2
WCN	Washoe City	68.93 324	↑P	P	08 55 51.2 -0.1
WENL	Wente Brothers	68.97 322	↑P	P	08 55 51.6 0.0
J13A	Cove Ranch, Pi	68.97 330	P	P	08 55 51.6 +0.1
PAHR	Pah Rah Range	69.00 325	eP	P	08 55 52.6 +0.9
O07A	Toulon	69.03 325	P	P	08 55 52.2 +0.2
DGMT	Dagmar	69.04 340	eP	P	08 55 51.5 -0.2
DGMT			eP	pP	08 55 59.8 -0.8
DGMT			eP	LR	08 55 52.0 -0.1
N08A	GE Springer MI	69.06 326	P	P	08 55 52.0 -0.5
JRSC	Jasper Ridge	69.11 321	↑P	P	08 55 52.7 +0.2
LAVA	Lava Cap Winer	69.12 323	↑P	P	08 55 52.7 +0.2
L10A	Juniper Basin	69.12 328	P	P	08 55 53.0 +0.5
M09A	Marrel Ranch,	69.16 327	P	P	08 55 53.1 +0.4
HLID	Hailey	69.21 330	P	P	08 55 53.2 +0.2
HLID			eP	P	08 55 53.4 +0.5
HLID			eP	LR	08 55 53.8 +0.4
P06A	Stead Airport,	69.27 324	↑P	P	08 55 53.8 +0.4
J12A	Stokes Ranch,	69.31 330	P	P	08 55 53.9 +0.3
I13A	Wildhorse Cree	69.34 331	P	P	08 55 54.1 +0.4
K11A	Parker Ranch,	69.41 329	P	P	08 55 54.5 +0.3
P05C	Yuba Gap, Truc	69.41 324	↑P	P	08 55 54.4 +0.1

MCMT	McKenzie Canyo	69.45 332	eP	P	08 55 54.6 +0.2
MCMT			eP	pP	08 56 03.0 -0.3
N07B	Gerlach	69.52 326	↑P	P	08 55 54.9 0.0
SNA4	Sanae	69.54 161	ePKPdf	P	08 55 54.3 -0.4
SNA4			e	pP	08 56 03.3 -0.2
SNA4			e		08 56 06.4
SNA4			e		08 56 17.5
SNA4	Sanae	69.54 161	eP	P	08 55 54.3 -0.4
Q04C	Lincoln	69.55 323	↑P	P	08 55 55.4 +0.3
G15A	Dillon	69.56 333	P	P	08 55 55.3 +0.3
BOZ	Bozeman (W)	69.56 333	eP	P	08 55 54.4 -0.6
BOZ			eP	pP	08 56 02.9 -1.0
BOZ			eP	pmax	
BOZ			eP	MLR	
BOZ			eP	MLR	
BOZ			eP	P	08 55 54.6 -0.5
BOZ			eP	P	08 55 54.4 -0.6
BOZ			eP	P	08 56 02.9 -0.9
BOZ			eP	LR	
BOZ			eP	LR	
O06A	Flaggan	69.56 325	↑P	P	08 55 55.6 +0.4
BEKR	Beckworth	69.66 324	↑P	P	08 55 56.0 +0.2
M08A	Happy Creek Ra	69.67 326	↑P	P	08 55 55.8 -0.1
L09A	Wilkinson Ranc	69.70 327	P	P	08 55 56.4 +0.4
DLMT	Dillon	69.76 333	eP	P	08 55 56.1 -0.2
FARB	Farallon Islan	69.77 321	↑P	P	08 55 56.5 0.0
Q03C	Winters	69.78 322	↑P	P	08 55 57.3 +0.7
MFID	Gamma Ranch	69.79 329	P	P	08 55 57.1 +0.6
K10A	MacKenzie Ranc	69.84 328	P	P	08 55 57.2 +0.4
CVS	Carmenet Viney	69.86 322	↑P	P	08 55 57.0 -0.1
H13A	Challis	69.89 331	P	P	08 55 57.6 +0.4
OHC1	Horncut	69.94 323	eP	P	08 55 58.4 +0.8
N06A	Butte Meadow	69.97 325	P	P	08 55 58.2 +0.5
MCCM	Marconi Confer	69.98 321	↑P	P	08 55 58.0 +0.1
MCCM			eP	LR	08 56 10.0 +1.2
O05C	Quincy	70.03 324	↑P	P	08 55 58.6 +0.5
TBI	Tubuai	70.04 251	eT		10 12 10.3
SUTB	Sutter Butte	70.04 323	↑P	P	08 55 58.2 0.0
M07A	Soldier Meadow	70.05 326	P	P	08 55 58.4 +0.2
G14A	Jackson	70.05 332	↑P	P	08 55 58.3 +0.2
NSHM	Saint Helena R	70.06 322	eP	pP	08 55 58.6 +0.3
NSHM			eP	pP	08 56 06.7 +0.5
F15A	Butte	70.08 333	P	P	08 55 58.5 +0.2
ORV	Oroville	70.09 323	↑P	P	08 55 58.7 +0.2
H12A	Diamond D Ranc	70.17 331	P	P	08 55 59.3 +0.5
L08A	Fields	70.17 327	P	P	08 55 59.1 +0.1
MNRC	McLaughlin Nat	70.20 322	↑P	P	08 55 59.0 -0.2
K09A	Rome	70.22 328	P	P	08 55 59.5 +0.3
I11A	Placerville	70.22 330	P	P	08 55 59.3 +0.1
J10A	Berg Farm, Mel	70.26 329	↑P	P	08 55 59.3 -0.1
G13A	Cobalt	70.29 331	P	P	08 55 59.8 +0.2
ELFS	Eagle Lake Fie	70.37 325	↑P	P	08 56 00.3 +0.1
O04C	Chester	70.37 324	↑P	P	08 56 00.2 0.0
F14A	Wisdom	70.45 332	P	P	08 56 01.0 +0.5
PDA	Ponta Delgada	70.45 40	eP	P	08 55 51.0 -1.0
HRV	Holter Researc	70.48 334	eS	S	09 05 27.0 +1.5
WVOR	Wild Horse Val	70.50 327	eP	pP	08 56 00.8 +0.1
WVOR			eP	pmax	08 56 08.7 -1.0
WVOR			eP	MLR	
WVOR			eP	MLR	
WVOR			eP	pP	08 56 01.1 +0.2
WVOR			eP	pP	08 56 08.7 -1.0
WVOR			eP	pP	08 56 08.7 -1.0
CMLA	Cha da Macela	70.55 40	eLR	LR	09 18 08.3
CMLA	Cha da Macela	70.55 40	ePFAKE	LR	08 56 10.0 +8.7
CMLA			eP	LR	
E15A	Adell	70.59 326	↑P	P	08 56 01.4 0.0
A07A	Deer Lodge	70.60 333	P	P	08 56 01.3 -0.1
SCHO	Schoffville	70.61 5	P	P	08 56 00.6 -0.7
SCHO			eP	LR	09 29 16.6
SCHO			eP	P	08 56 00.6 -0.7
SCHO			eP	pP	08 56 05.2 -5.0
SCHO			eP	LR	
SCHO			eP	LR	
K08A	Mann Creek Ran	70.63 327	↑P	P	08 56 01.8 +0.1
M06C	Likely Place G	70.63 325	P	P	08 56 02.4 +0.6
HOPS	Hopland	70.64 322	↑P	P	08 56 01.4 -0.4
HOPS			eP	LR	08 56 10.0 +8.1
HOPS			eP	LR	
EGMT	Eagleton	70.69 336	P	P	08 56 02.1 +0.2
EGMT			eP	LR	08 56 10.0 +8.1
EGMT			eP	LR	
O03C	Acorn Hollow,	70.69 323	↑P	P	08 56 01.8 -0.3
J09A	Fry Pan Ranch,	70.70 328	↑P	P	08 56 02.1 +0.1
I10A	Payette	70.76 329	↑P	P	08 56 02.3 -0.1
H11A	Donnelly	70.83 330	P	P	08 56 02.6 -0.2
F13A	Darby	70.86 332	P	P	08 56 03.4 +0.4
GASB	Alder Springs	70.86 323	↑P	P	08 56 03.6 +0.4
LBCM	Butte Creek Ri	70.87 324	↑P	P	08 56 03.4 +0.2
HATC	Hat Creek Radl	70.92 324	↑P	P	08 56 03.0 -0.5
TIAR	Tiare	70.93 257	eT		10 13 13.8
E14A	Clinton	70.97 333	P	P	08 56 03.9 +0.3
K07A	Rock Creek Ran	71.00 327	P	P	08 56 04.0 +0.1
MOD	Modoc	71.02 326	↑P	P	08 56 03.9 -0.1
MOD			eP	P	08 56 04.5 +0.5

Table of astronomical observations for 2007 June, 28 days and 9 hours. Columns include station name, time, and various observation parameters.

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Table with columns: MKAR, Makanchi Array, 43.23 303 P, P, 09 34 26.7 +0.2, 0.6m, 0.6s, mb3.5, baz=9.4, slow=9.3, SNR=7.6

IDC 28 09:40:12.3±1.0, 705S, 12928E, h130km±110km, mb3.4/2, mb1 3.5/5, mb1mx3.2/15, mbtmp3.3/5, ML3.7/3, Error ellipse: s-maj=123.6km s-min=30.0km azz=54.0, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, FITZ, Fitzroy Crossi, 11.54 198 P, Pn, 09 42 53.2 0.0

ISCJB 28 09:42:08.9 0.8, 4307N, 007.7492E, 006, h10km, Error ellipse: s-maj=9.8km s-min=5.8km azz=2.7, NNC 28 09:42:08.6 1.3, 4321N, 7506E, h0km, mb2.9, mpv2.6, Error ellipse: s-maj=21.7km s-min=6.7km azz=35.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, CHMS, Chumyshy, 0.11 257 P, P, 09 42 17.2 +0.4

IDC 28 09:58:11.4±1.4, 2901N, 14245E, h0km, mb3.8/5, mb1 3.9/7, mb1mx3.7/20, mbtmp3.8/7, ML3.4/2, MS3.2/1, Ms1 3.2/1, ms1mx2.9/10, Error ellipse: s-maj=45.1km s-min=17.3km azz=81.0, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, CBIJ, Chichi jima, 1.92 187 P, Pn, 09 58 45.9 +0.6

BJI 28 09:59:20.6, 743S, 15451E, h6km, mb5.1, mb4.8, Ms4.6, Ms2.5, ISCJB 28 09:59:21.3 3.9, 802S, 007.15449E, 006, h27km±28km, mb4.4/30, MS4.1/7, Error ellipse: s-maj=11.8km s-min=9.8km azz=155.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, HNR, Honiara, 5.52 105 P, Pn, 10 00 44.4 -0.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, HNR, Honiara, 5.52 105 P, Pn, 10 00 44.8 0.0

Table with columns: CTA, Charters Tower, 14.38 213 Pn, Pn, 10 02 45.6 -0.4, 0.2m, 0.3s, baz=34, slow=17, SNR=4.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, VYND, Vanda, 69.52 178 P, P, 10 10 28.3 -0.2

IDC 28 10:04:50.0±0.7, 1579S, 7503W, h0km, mb3.9/10, mb1 4.0/14, mb1mx3.9/24, mbtmp3.9/14, ML4.5/4, MS3.4/3, Ms3 3.3/3, ms1mx2.9/38, Error ellipse: s-maj=29.2km s-min=14.3km azz=112.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, JMA, East coast of eastern Honshu, 0.22 134 P, P, 10 00 41.0 0.0

IDC 28 10:04:54.0±3.8, 1592S, 7523W, h0km±27km, mb4.2/3, Error ellipse: s-maj=21.0km s-min=10.1km azz=63.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, JMA, East coast of eastern Honshu, 0.22 134 P, P, 10 00 41.0 0.0

IDC 28 10:04:54.4±1.3, 1584S, 009.752W, 01, h37km±12km, n28, 09429, mb3.9/12, Near coast of Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ARE, Arequipa, 3.64 100 P, Pn, 10 05 50.0 +0.8

Table with columns: ATAH, 1.3m, 0.3s, baz=132, slow=1.1, SNR=8.5, Sn, 10 09 06.1 +15, 0.8m, 0.3s, baz=342, slow=23, SNR=3.5

CSEM 28 10:08:15.2±0.1, 3961N, 2947E, h10km, MD2.7, Error ellipse: s-maj=2.2km s-min=1.7km azz=16.0, ISK 28 10:08:15.4, 3959N, 2947E, h13km, MD2.7, ISCJB 28 10:08:16.0±0.6, 3965N, 003.2946E, 004, h9km±6km, Error ellipse: s-maj=5.9km s-min=4.9km azz=26.6

ISC 28 10:08:16.6±0.5, 3964N, 004.2946E, 004, h14km±6km, n15, 08929, 21, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ULDT, Uludag, 0.55 334 P, P, 10 08 25.9 -1.6

ISCJB 28 10:10:08.1±1.6, 133N, 01.1439E, 06, h221km±31km, mb3.4/6, Error ellipse: s-maj=102.9km s-min=22.4km azz=178.5

NEIC 28 10:10:09.2±0.9, 1329N, 144.12E, h224km±19km, Error ellipse: s-maj=75.8km s-min=16.0km azz=88.0

IDC 28 10:10:09.3±0.6, 1329N, 144.10E, h224km±20km, mb3.2/6, mb1 3.4/6, mb1mx3.2/20, mbtmp3.2/6, Error ellipse: s-maj=82.2km s-min=15.6km azz=87.0

ISC 28 10:10:09.4±0.9, 1331N, 01.1441E, 07, h226km±23km, n8, 0845, 10, mb3.4/6, Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, GUMO, Guam, 0.77 67 P, Pn, 10 10 40.9 +0.3

IDC 28 10:21:48.5±1.9, 698N, 12499E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.7/20, mbtmp3.9/5, Error ellipse: s-maj=124.8km s-min=24.6km azz=66.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, FITZ, Fitzroy Crossi, 24.93 179 P, Pn, 10 27 14.3 +0.8

IDC 28 10:37:37.0±3.3, 5418N, 8746E, h0km, mb1 2.8/1, mb1mx2.7/24, mbtmp2.8/1, ML2.8/1, Error ellipse: s-maj=26.2km s-min=13.0km azz=71.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ZALV, Zalesovo Beam, 1.58 262 P, Pn, 10 38 05.2 -1.9

ISCJB 28 10:44:09.4±0.8, 1317N, 009.8903W, 007, h63km±18km, mb3.4/2, Error ellipse: s-maj=18.1km s-min=6.6km azz=33.9, IDC 28 10:44:09.3±2.0, 1319N, 8887W, h60km±38km, mb1.2/2, mb1 3.6/4, mb1mx3.3/23, mbtmp3.4/4, Error ellipse: s-maj=108.6km s-min=13.6km azz=36.0, CASC 28 10:44:10.4±2.1, 1307N, 8904W, h57km±14km, MD4.0, ML4.3, NEIC 28 10:44:10.3±1.4, 1295N, 8913W, h73km±16km, MD4.3(SNET), Error ellipse: s-maj=31.0km s-min=13.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for NEIC Felt (III) at San Salvador and various stations like AIES, SNVI, LCBRS, etc.

IGQ 28 10:49:09.4, 199S-8129W, h11km, Mb4.0, Ms3.8, 1C, Error ellipse: s-maj=15.7km s-min=6.0km az=157.8, Off coast of Ecuador.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for IGQ stations like IGUA, ARRY, PATYA, etc.

MAN 28 11:16:54, 1028N-12510E, h53km, mb4.2, ML3.1, MS2.8, 1C, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for MAN stations like MSCP, MSPL, SCPH, etc.

IDC 28 11:18:06.3, 2.8, 278N-9595E, h0km, mb3.7/5, mb1 3/8/5, mb1mx3/6/22, mbtmp3/7/5, Error ellipse: s-maj=120.7km s-min=21.9km az=57.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for IDC stations like WRA, ASAR, MK31, etc.

NEIC 28 11:26:31.7, 0.3, 1569S-7479W, mb4.7/23, Error ellipse: s-maj=11.8km s-min=5.5km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for NEIC stations like NNA, LPAZ, etc.

LVC 28 11:26:32.7, 1481S: 7570W, h25km, mb5.1, Ms5.0, Msz4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for LVC stations like LVC, LVA, ATAH, etc.

ANMO 28 11:26:31.7, 0.3, 1569S-7479W, mb4.7/23, Error ellipse: s-maj=11.8km s-min=5.5km az=52.0

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

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Sheep Mountain, Eureka, Red Top Meadow, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Bogner Ranch, Yreka Blue Hor, Red Ives Fores, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PETK, NVAR, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes WEL 28 11:54:05.1, 4.3623S, 17735E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes GII 28 11:56:43.8, 0.2982N, 3638E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes GII 28 11:56:30.9, 0.2998N, 3624E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes HRFI, ZFRI, EIL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes CASC 28 11:59:13.7, 2.5, 1351N, 9089W, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes FUG, FUG 3, F66, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes MAN 28 12:31:00, 1039N, 12526E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes MAN 28 12:32:43, 1052N, 12249E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes DDA 28 12:38:43.2, 3931N, 4198E, etc.

Ms1 4.6/15, ms1mx4.3/27, Error ellipse: s-maj=17.8km
 s-min=10.1km az=63.0
 IS/CB 28 12:39:14.1-0.2, 15755:004:7495W.004, h27km,
 mb5.1/118, MS4.7/21, Error ellipse: s-maj=6.6km
 s-min=3.4km az=42.0
 BUJ 28 12:39:15.2, 15135:7557W, h26km, mb5.3, Ms5.3, Msz5.1
 GCMT 28 12:39:15.9, 0.3, 15825:7522W, h15km, jkm, MW5.2/64,
 Moment Tensor Solution, s44,c57; s64,c102; Duration:
 1s0 Moment tensor: Scale 1016Nm; M₁4.48±.21;
 M₂-0.22±.12; M₃-4.26±.18; M₄1.03±.27; M₅2.19±.11;
 M₆-4.74±.47; Best double couple, M₁6.868000×10¹⁶
 N1P133.00000°, 322.00000°, 1.72.00000°; N1P2:
 6:165.00000°, 868.00000°, 1.98.00000°; Principal axes: T
 6.5580, Plg6.0000°, Azm89.0000°; N 0.6200, Plg7.0000°,
 Azm342.0000°; P -7.1780, Plg22.0000°, Azm249.0000°;
 nsta1 refers to body waves, cutoff=40s. nsta2 refers to
 surface waves, cutoff=50s.
 MOS 28 12:39:15.1±.1.2, 15635:7496W, h33km, mb5.2/33,
 MS4.5/4 Error ellipse: s-maj=11.5km s-min=6.9km
 az=115.8
 NEIC 28 12:39:15.9, 0.2, 15705:7490W, mb5.2/88, Error ellipse:
 s-maj=7.3km s-min=3.9km az=51.0
 NEIC Felt [I] at San Juan de Marcona.
 ISC 28 12:39:16.3-0.2, 15745:004:7486W.004, h28km,
 h28km, km; pP-P, n583, c067/517, mb5.1/118, MS4.7/21,
 12C-1123.Near coast of Peru

Code	Station Name	Δ°	AZ°	Op	ISC	Phase	Time	Res	h	m	s	ISC
ARE	Arequipa	3.32	103	IP	Pn		12 40 09.9	+0.5				
ARE				ES	Sn		12 40 45.0	+0.1				
NNA	Nana	4.20	332	Pn	Pn		12 40 15.2	-3.3				
NNA							12 40 16.4	-2.1				
NNA							12 40 27.2	+8.7				
NNA							12 41 07.6	+1.0				
NNA							12 41 19.4					
NNA							12 40 15.2	-3.3				
LPZA	La Paz	6.50	96	Pn	Pn		12 40 54.2	+4.1				
LPZA							12 42 13.6	+1.0				
LPZA							12 43 37.6					
LPZA							12 40 53.9	+3.8				
LPZA							12 40 53.9	+3.7				
LVC	Limon Verde	8.85	141	Pn	Pn		12 41 21.9	-0.5				
LVC							12 42 57.3	-4.0				
LVC							12 42 53.8					
LVC							12 41 33.4	+4.1				
LVC							12 41 33.4	+4.1				
ATAH	Atahualpa	9.35	338	Pn	Pn		12 43 24.8	+1.1				
ATAH							12 42 20.6	-2.4				
SIV	San Ignacio	13.27	93	Pn	Pn		12 44 59.1	+9.5				
SIV							12 42 20.6	-2.4				
CO	Las Campanas	17.65	165	EP	P		12 42 29.0	-0.5				
CFAA	Coronel Fontan	16.91	160	Pn	Pn		12 43 10.7	-0.3				
CPUP	Villa Florida	19.44	126	Pn	Pn		12 43 40.8	-1.3				
CPUP							12 52 53.9					
ROSC	El Rosal	20.47	2	P	P		12 43 52.6	+0.6				
ROSC							12 47 58.1	+1.8				
ROSC							12 50 04.2					
SDV	Santo Domingo	24.82	10	P	P		12 44 35.8	-0.6				
SDV							12 44 36.1	-0.3				
TRQA	Tornquist	24.97	155	EP	P		12 44 35.8	-1.7				
PLCA	Paso Flores	25.18	172	P	P		12 44 38.5	-1.0				
PLCA							12 44 39.0	-0.4				
PLCA							12 44 39.0	-0.4				
BCIP	Isla Barro Col	25.23	348	EP	P		12 44 40.3	+0.2				
BDFB	Brasilias	25.84	93	P	P		12 44 46.1	+0.5				
BDFB							12 55 44.5					
PCRV	Puerto La Cruz	27.67	22	P	P		12 45 03.0	+0.9				
PCRV							12 53 51.5					
JTS	JuntasAbangare	28.17	338	LR	P		12 55 14.7					
RPN	Rapa Nui	29.92	245	LR	P		12 55 59.5					
SJG	San Juan	34.71	15	P	P		12 46 02.6	-1.5				
TEIG	Tepeich	38.09	339	EP	P		12 46 32.2	-0.7				
TEIG							12 46 32.6	-0.3				
CMIG	Matias Romero	38.13	328	P	P		12 46 33.7	+0.4				
CMIG							12 59 48.2					
CMIG							12 46 33.7	+0.4				
CMIG							12 59 48.2					
USHA	Ushuaia	39.33	174	P	P		12 46 43.7	+0.8				
PMSA	Palmer Station	49.54	174	P	P		12 48 06.6	+2.3				
GOGA	Godfrey	49.56	351	EP	P		12 48 03.0	-1.8				
GOGA							12 48 11.5	-1.9				
GOGA							12 48 03.0	-1.9				
GOGA							12 48 11.5	-1.9				
GOGA							12 48 11.5	-1.9				
GOGA							12 48 07.7	-1.3				
GOGA							12 48 19.8	-1.3				
GOGA							12 48 19.2	-2.1				
GOGA							12 48 19.8	-2.0				
GOGA							12 48 20.2	-2.8				
GOGA							12 48 28.2	-0.7				
GOGA							13 09 02.4					
GOGA							12 48 28.2	-0.7				
GOGA							13 09 02.4					
GOGA							12 48 29.1	-0.9				
GOGA							12 48 29.0	-1.0				
GOGA							12 48 29.0	-1.1				
GOGA							12 48 29.9	-0.5				
GOGA							12 48 28.1	-2.7				

MIAR	Mount Ida	53.08	341	EP	P		12 48 29.9	-1.3				
MIAR							12 48 29.9	-1.3				
WCI	Wyandotte Cave	54.74	349	EP	P		12 48 41.2	-2.1				
WCI							12 48 41.2	-2.1				
WCI							12 48 41.2	-2.1				
USIN	University of	54.76	348	EP	P		12 48 41.8	-1.6				
SIUC	Southern Ilin	54.86	346	EP	P		12 48 42.6	-1.5				
SDMD	Soldier's Dn	54.89	358	EP	P		12 48 43.8	-0.5				
SDMD							12 48 53.0	0.0				
FVM	French Village	55.40	345	EP	P		12 48 46.6	-1.5				
FVM							12 48 46.6	-1.5				
FVM							12 48 46.6	-1.5				
GDLZ	Guadalupe Moun	55.42	330	EP	P		12 48 48.2	-0.1				
MLV	Millersville	55.47	359	EP	P		12 48 48.6	+0.1				
CCM	Cathedral Cave	55.68	344	EP	P		12 48 48.2	-1.9				
CCM							12 48 48.2	-1.9				
CCM							12 48 48.2	-1.9				
BLO	Bloomington	55.70	349	EP	P		12 48 48.3	-1.9				
BLO							12 48 48.3	-1.9				
BLO							12 48 48.3	-1.9				
ACSO	Alum Creek Sta	56.19	353	EP	P		12 48 51.8	-1.9				
RKT	Ricketts	56.84	252	EP	S		12 56 45.6	-5.1				
RKT							13 05 42.0					
RKT							13 50 09.6					
319A	Douglas	57.33	325	EP	P		12 49 01.8	-0.2				
BIN	Binghamton	57.66	359	EP	P		12 49 03.8	-0.2				
318A	Bisbee	57.77	324	EP	P		12 49 04.8	-0.3				
219A	White Tail Can	57.79	325	P	P		12 49 05.3	+0.1				
BNN	Barren Site	58.11	329	EP	P		12 49 07.7	+0.3				
218A	Dragon	58.21	325	EP	P		12 49 07.6	-0.5				
LPM	Los Pinos Moun	58.24	329	EP	P		12 49 08.8	+0.5				
119A	Ashepark Ranch	58.41	326	EP	P		12 49 09.8	+0.3				
217A	Green Valley	58.49	324	EP	P		12 49 10.0	-0.1				
LAZ	Ladron	58.56	329	EP	P		12 49 10.6	+0.1				
ANMO	Albuquerque	58.67	330	EP	P		12 49 18.5	-1.5				
ANMO							12 49 18.5	-1.5				
ANMO							12 49 11.2	-0.1				
118A	Homack Ranch	58.67	325	P	P		12 49 11.2	-0.1				
Z19A	T-Link Ranch	58.79	326	EP	P		12 49 12.1	0.0				
ACCN	Adirondack Com	58.84	1	EP	P		12 49 13.1	+0.8				
TUC	Tucson	58.87	325	EP	P		12 49 12.1	-0.7				
TUC							12 49 12.1	-0.7				
216A	Three Points	59.02	324	EP	P		12 49 13.8	0.0				
117A	Oracle	59.04	325	P	P		12 49 13.8	-0.2				
Z18A	Geronimo	59.05	326	EP	P		12 49 13.9	0.0				
CBKS	Cedar Bluff	59.05	337	EP	P		12 49 13.2	-0.7				
CBKS							12 49 13.2	-0.7				
CBKS							12 49 16.3	+0.7				
Y19A	Nutrioso	59.30	327	P	P		12 49 16.8	+0.1				
Z17A	San Carlos Hig	59.44	326	EP	P		12 49 17.7	+0.1				
Y18A	Canyon Day Jun	59.57	326	EP	P		12 49 17.9	+0.3				
116A	Eloy	59.58	324	EP	P		12 49 18.8	+0.5				
X19A	St. Johns	59.68	327	EP	P		12 49 18.9	0.0				
214A	Organ Pipe Nat	59.77	323	EP	P		12 49 17.6	-1.4				
SCIA	State Center	59.81	344	EP	P		12 49 19.9	-0.3				
Y17A	Roosevelt	59.95	326	EP	P		12 49 20.6	+0.2				
115A	Sonoran Desert	59.98	324	EP	P		12 49 20.5	0.0				
Z16A	Peralta Trail	60.00	325	EP	P		12 49 21.1	-0.1				
X18A	Snowflake	60.10	327	EP	P		12 49 23.3	-0.1				
W19A	Sanders	60.26	328	EP	P		12 49 23.0	-0.1				
X17A	Forest Lakes	60.41	326	EP	P		12 49 23.5	-0.1				
Y16A	Circle Bar Ran	60.43	325	EP	P		12 49 23.5	-0.1				
W18A	Petrified Forest	60.44	327	EP	P		12 49 23.6	-0.2				</

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like S09A Goldfield, P12A McGill, O13A Hicks Ranch, etc.

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like SNA4 Gerlach, G15A Dillon, BOZ Bozeman, etc.

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like YBH Yreka Blue Hor, YBH Yreka Blue Hor, D12A Red Ives Fores, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like TORD, PFVI, VVND, etc.

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

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

W15A Williams	61.85 326	↑P	P	12 52 03.1 -0.3
U16A Tuba City	61.97 327	↑P	P	12 52 04.1 -0.1
U17A Shonto	62.08 328	↑P	P	12 52 05.0 +0.1
T18A Mexican Hat	62.09 329	↑P	P	12 52 04.8 -0.2
S19A Harvey Farm, M	62.21 330	↑P	P	12 52 05.5 -0.2
PV01 Paradox Valley	62.24 330	eP	P	12 52 05.2 -0.7
PV01 Sam W. Stewart	62.26 321	↑P	pP	12 52 13.0 -1.2
SWSC	62.26 321	↑P	pP	12 52 06.8 +0.6
V15A Kaibab Nationa	62.28 326	↑P	P	12 52 06.6 +0.3
X13A Yucca	62.29 324	↑P	P	12 52 06.7 +0.3
W14A Seligman	62.33 325	↑P	P	12 52 06.7 +0.1
ECSD EROS, Sioux Fal	62.43 342	eP	P	12 52 05.0 -2.1
S18A Hurst Farm, BI	62.59 329	↑P	P	12 52 08.4 +0.1
V14A Boquillas Ranc	62.65 325	↑P	P	12 52 09.4 +0.7
W13A Hualapai Mount	62.69 324	↑P	P	12 52 09.2 +0.2
IRM Iron Mountain	62.74 323	↑P	P	12 52 09.0 +0.1
U15A North Rim	62.80 326	↑P	P	12 52 09.8 0.0
R18A Canyonlands Na	63.08 330	↑P	P	12 52 11.6 +0.1
PFO Pinyon Flat Ob	63.12 322	eP	pmax	12 52 12.8 +0.9
PFO Pinyon Flat Ob	63.12 322	↑P	pmax	12 52 12.0 +0.1
PFO Pinyon Flat Ob	63.12 322	eP	pmax	12 52 12.8 +0.8
BELO Belle Mtn.	63.12 322	↑P	P	12 52 12.3 +0.4
Q19A Hogan Spring (63.22 330	↑P	P	12 52 12.3 -0.2
U14A Mt Trumbull	63.27 326	↑P	P	12 52 12.8 -0.1
T15A Red Dirt Ranch	63.29 327	↑P	P	12 52 13.3 +0.3
V13A Grand Canyon W	63.30 325	↑P	P	12 52 13.2 +0.2
V12A Nelson	63.69 324	↑P	P	12 52 16.0 +0.4
U13A Pakoon Wash	63.70 325	↑P	P	12 52 15.5 -0.1
TUQ Turquoise Mtn.	64.09 323	↑P	P	12 52 18.9 +0.7
Q16A Castle Valley	64.12 329	↑P	P	12 52 18.8 +0.4
CCUT Cedar City	64.21 327	eP	P	12 52 19.7 +0.7
MSU Marysvalle	64.32 328	eP	pP	12 52 19.6 -0.1
RWWY Rawlins	64.49 334	eP	pP	12 52 27.0 -1.0
RWWY Holt Ranch, En	64.50 329	eP	pP	12 52 19.6 -1.2
S13A Fillmore	64.70 328	↑P	P	12 52 21.8 +0.9
Q15A Fillmore	64.70 328	↑P	P	12 52 22.7 -0.1
T11A Corn Creek, AI	64.99 325	↑P	P	12 52 24.5 +0.4
R13A O'Grain Ranch,	65.00 327	↑P	P	12 52 24.4 +0.2
BLG Laguna Peak	65.05 320	↑P	P	12 52 24.7 +0.1
EYMN Ely	65.10 348	eP	P	12 52 22.5 -2.0
Q14A Sevier Lake (B	65.24 328	P	P	12 52 26.1 +0.4
RSSD Black Hills	65.26 337	eP	pmax	12 52 25.3 -0.4
RSSD Black Hills	65.26 337	eP	pmax	12 52 25.3 -0.4
DAU Daniels Canyon	65.32 330	eP	pP	12 52 26.3 +0.1
DAU Topopah Spring	65.35 324	↑P	P	12 52 34.1 -0.4
TPNV Furnace Creek,	65.36 324	↑P	P	12 52 26.7 +0.3
FURC Furnace Creek,	65.36 324	↑P	P	12 52 27.2 +0.7
MPMC Manual Prospec	65.44 323	↑P	P	12 52 27.1 +0.1
R12A Pony Springs,	65.45 326	P	P	12 52 28.0 +1.0
JLU Jordanelle	65.56 330	eP	P	12 52 28.1 +0.4
S11A Rachel	65.57 325	↑P	P	12 52 28.4 +0.5
P14A Drum Mountains	65.58 328	↑P	P	12 52 28.4 +0.5
DUG Dugway	65.91 329	eP	pP	12 52 29.8 -0.2
DUG Dugway	65.91 329	eP	pP	12 52 37.6 -0.7
DUG Dugway	65.91 329	eP	pP	12 52 30.1 +0.1
DUG Dugway	65.91 329	eP	pP	12 52 29.8 -0.2
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DUG Dugway	65.91 329	eP	pP	12 52 29.8 -0.2

28d 18h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like HHC, HHC, KBL, BJT, BJT, etc.

2007 JUN

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SBF, Sospel, HINP, LPGA, LPGA, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like BOD, BOD, BOD, BOD, etc.

MOS 28 18:01:32.0t: 1.7, 5729N: 12026E, h9km, mb4.6/1, Error ellipse: s-maj=28.9km s-min=19.1km az=45.5

BYKL 28 18:01:30.6: 0.4, 5736N: 12050E, h4km, 23km, 2C-2D, Southern Siberia

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other metrics. Includes stations like KHNR, Khani, CRN, Chara, etc.

ISCJB 28 18:02:16.0: 0.8, 500S: 0.1, 1146E: 0.4, h10km, mb4.0/7, MS3.8/6, Error ellipse: s-maj=38.7km s-min=11.5km az=17.9

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other metrics. Includes stations like NWAO, NWAO, NWAO, etc.

Table with columns: SEY, HOPS, LZH, KCPM, CVS, SCI, P01K, PKM, PKD, O01C, PACP, U04C, KIPM, BLG, MNRC, JCC, S04C, GASB, VNA2, VNA2, O02C, N02C, M01C, VNA1, ARVC, SUTB, S05C, K01A, WDC, O03C, T06C, CMB, CMB, CMB, BFSC, MURC, L02A, EDW2, M02C, ISA, ISA, ISA, HELL, S06C, MONP, KCC, YBH, YBH, YBH, K02A, P05C, M03C, LRM, PFO, O05C, LHEM, O04C, HATC, HUMO, J02A, SWSC, CWC, LBCM, DBO, R06C, MTUM, R07C, I02A, BEKR, M04C, BUOR, TION, MPMC, BBOR, WCN, BELC, J03A, GSC, L04A, P06A, LPIG

Table with columns: M05C, S08C, HEC, BC3, O06A, K04A, PAHR, GLA, GLA, GLA, GLA, M06C, GRAC, J04A, NVAR, NVAR, NVAR, H03A, FURC, I04A, R08A, GMRC, N06A, L05A, SHOC, IRM, TUQ, S09A, U10A, MOD, MOD, K05A, Q08A, O07A, Y12C, J05A, F03A, TPH, TPH, TPH, I13A, SSOR, H04A, N07B, TPNV, R09A, P08A, V11A, BKCOR, G04A, E03A, M07A, K06A, S10A, W12A, BILL, BILL, Q09A, 214A, I05A, PDMCI, Y13A, D03A, C03A, U11A, L07A, RVW, Y12A, NLWA, NLWA, OOW, J06A, F04A, YAK, YAK, YAK, VLMM, TDH, H05A, N08A, LVP, R10A, X13A, M08A, VFP, ERK, Z14A, K07A, Q10A, I06A, GTA

Table with columns: GTA, V1PM, TDL, W13A, T11A, O09A, BBB, STW, U12A, Y14A, BMN, BMN, BMN, N09A, SONM, SONM, SONM, SONM, SONM, SONM, B04A, I15A, WVOR, F05A, J07A, L08A, P10A, V13A, R11A, H06A, C04A, G06A, VTHM, E05A, K08A, S12A, X14A, Q11A, 216A, I07A, M09A, I16A, PGC, U13A, F06A, O10A, D05A, WPW, L09A, W14A, Y15A, P11A, J08A, V14A, E06A, T13A, 217A, K09A, X15A, R12A, G07A, I08A, A04A, C05A, B05A, U14A, TUC, TUC, TUC, Q12A, F07A, S13A, H08A, D06A, Y16A, I17A, P12A, R13A, BRVW, G08A, L10A, T14A, K10A, E07A, X16A, I09A, 218A, COLA

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kaspereske Hory, Griva, ROTZ, GERESS Array S, etc.

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

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

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

NEIC 28 19:25:21.4-0.1, 31200S-71.34W, m5.5/6.1, Mw5.7. Error ellipse: s-maj=5.6km s-min=71.0. Moment Tensor Solution...

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA1, VNA1, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Thein Dam, Zalesovo, Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HHC, HHC, HHC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YKA, ARCES, PDAR, etc.

Table of astronomical observations for 28d 21h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 JUN, listing station names, coordinates, and observation details.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUY, Deep Cove, Wether Hill, etc.

CSEM 28.21:29.26.6.0.1, 3836N-4176E, h5km, MD3.4, Error ellipse: s-maj=2.6km s-min=1.4km az=165.0

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

ISCJB 28.21:46.40.4.0.5, 3919N-2160E, h14km, 5km, Error ellipse: s-maj=5.7km s-min=4.1km az=157.9

NEIC 28.21:46.40.5, 3918N-2169E, h25km, MD3.1(ATH), After ATH.

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

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kilima Mbogo, Mawson, and various other locations.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Malin Array Be, Kieff, and various other locations.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Berggiesshobel, Geres, and various other locations.

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

CSEM 28.23:25.35.0.2, 3839N:39.27E, h4km, 1km, MD2.8, Error ellipse: s-maj=2.7km s-min=2.6km az=108.0

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

ISC/JB 28.23:39.43.0.0.8, 1994S:008.17854W:0.09, h572km, 13km, mb3.8/16, Error ellipse: s-maj=15.5km s-min=10.1km

NEIC 28.23:39.44.2.1.0, 1990S:17850W, h571km, 12km, mb3.9/7, Error ellipse: s-maj=15.8km s-min=11.9km az=144.0

ISC 28.23:39.47.2.2.0, 2018S:17846W, h288km, 34km, mb3.3/9, mb1.3/6.10, mb1mx3.4/16, mbtmp3.3/10, Error ellipse: s-maj=27.2km s-min=14.6km az=158.0

ISC 28.23:39.43.5.0.8, 1991S:008.17848W:0.09, h563km, 12km, n4.0, c0582/27, mb3.8/16, 1D, Fiji Islands region

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

MOS 29.00:32:56.0.1.4, 4353N:141.72E, h33km, mb4.5/11, Error ellipse: s-maj=13.8km s-min=8.9km az=106.2

NEIC 29.00:32:58.4.1.1, 4349N:141.68E, h38km, 10km, mb4.4/9, Error ellipse: s-maj=10.2km s-min=8.4km az=127.0

NIED 29.00:33:00.4280N:142.00E, h110km, Mw3.8, Best double couple: M6.280000:1014 NP1:228.00000:885.00000

ISC/JB 29.00:33:03.0.3.0, 4278N:003.14199E:0.04, h141km, 2km, mb4.1/23, Error ellipse: s-maj=6.2km s-min=4.4km

ISC 29.00:33:04.5.1.1, 4284N:141.98E, h139km, 8km, mb3.6/10, mb1.3/7.11, mb1mx3.5/22, mbtmp3.6/11, Error ellipse: s-maj=2.1km s-min=1.9km az=111.0

s-min=14.0km az=16.0 NEIC 28.23:48:13.1.0.5, 859S:157.22E, h10km, mb4.5/7, Error ellipse: s-maj=14.2km s-min=11.8km az=156.0

ISC 28.23:47.14.0.3.3, 861S:008.15718E:0.08, h12km, 22km, n39,+c124/35, mb4.4/20, MS3.9/6, Bougainville - Solomon Islands region

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

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

ASAR Alice Springs 26.84 233 P P 23 53 53.9 -0.7

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

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

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YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

YAG Yagshiri 1.70 346 P P 23 49 03.5 -5.3

29d 1h

Table with columns for station name, time, frequency, and other technical details. Includes stations like GNAR Gosnell, HALT Halls, ROSC El Rosal, etc.

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Table with columns for station name, time, frequency, and other technical details. Includes stations like X15A Humboldt, W16A Flagstaff, M16C Mesa Verde, etc.

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Table with columns for station name, time, frequency, and other technical details. Includes stations like ARUT Antelope Range, S13A Holt Ranch, R14A James Farms, etc.

U05C	Westside ANR, baz=32	32.08 316	↑P	P	01 23 34.2	-0.1
KCC	Kaiser Creek baz=32, SNR=14	32.12 319	↑P	P	01 23 34.7	0.0
LPHW	Long How Parkfield	32.14 336	eP	P	01 23 35.2	+0.5
PKHD	Parkfield baz=32	32.14 315	eP	P	01 23 35.1	+0.2
NVAR	Mina Array Bea comp=Z,24nm,0.7s,mb5.0,baz=141,slow=8.7,SNR=134	32.17 321	P	P	01 23 36.4	+1.2
NVAR	comp=Z,1.9nm,0.7s,baz=108,slow=2.4,SNR=5.1		PcP	PcP	01 26 22.4	-0.3
TPAW	Teton Pass	32.17 335	eP	P	01 23 35.6	+0.5
V04C	Ramage Ranch, baz=32	32.20 315	↑P	P	01 23 35.6	+0.2
P09A	Austin baz=32	32.22 324	↑P	P	01 23 36.4	+0.9
Q08A	Gabbs baz=32, SNR=9.8	32.23 322	eP	P	01 23 36.5	+1.0
MOOW	Moose Ponds comp=Z,39nm,1.1s,mb5.0	32.31 336	eP	P	01 23 36.4	+0.2
N11A	Elko Archery C baz=32	32.33 327	↑P	P	01 23 37.0	+0.5
M12A	Wells baz=32, SNR=16	32.34 329	P	P	01 23 37.4	+0.8
K14A	Jones Ranch, D baz=33, SNR=6.7	32.37 332	P	P	01 23 37.4	+0.6
O10A	Cortex Mining, baz=33, SNR=2	32.37 325	↑P	P	01 23 37.6	+0.7
L13A	Double Diamond baz=33, SNR=6.3	32.38 330	P	P	01 23 37.6	+0.7
IMW	Indian Meadow comp=Z,11nm,0.9s,mb5.0	32.51 336	eP	P	01 23 37.1	-0.9
U04C	Hernandez Rese baz=33, SNR=9.6	32.53 316	↑P	P	01 23 38.0	-0.3
FLWY	Flagg Ranch comp=Z,23nm,0.9s,mb5.1	32.57 336	eP	P	01 23 38.9	+0.4
FLWY					01 23 56.5	+2.1
O09A	Fish Creek Ran baz=33, SNR=13	32.67 325	P	P	01 23 40.2	+0.8
N10A	Dunphy baz=33	32.67 326	↑P	P	01 23 40.2	+0.7
T05C	Eagle Field, D baz=33	32.76 317	↑P	P	01 23 40.1	-0.1
S05C	Merced baz=33, SNR=5.8	32.79 318	↑P	P	01 23 39.9	-0.6
S06C	San Francisco baz=33, SNR=8.5	32.79 319	↑P	P	01 23 40.6	+0.1
Q07A	Schurz baz=33	32.80 321	↑P	P	01 23 41.3	+0.7
M11A	Holland Ranch, baz=33, SNR=14	32.80 328	↑P	P	01 23 40.9	+0.3
EYMN	Ely	32.81 2	eP	P	01 23 37.7	-2.9
P08A	Dixie Valley baz=33	32.86 323	↑P	P	01 23 41.8	+0.7
LKWY	Lake comp=Z,19nm,0.9s,mb4.9	32.86 337	eP	P	01 23 42.8	+1.7
LKWY					01 23 42.8	+1.8
BMN	Battle Mountai comp=Z,19nm,0.9s,mb4.9	32.87 325	eP	P	01 23 41.8	+0.7
BMN					01 23 41.8	+0.7
BMN					01 23 41.8	+0.7
BMN					01 23 41.8	+0.7
K13A	Stover Farm, H baz=33	32.87 331	↑P	P	01 23 40.9	-0.2
WAKR	Walker comp=Z,20nm,0.8s,mb5.0	32.91 320	eP	P	01 23 42.6	+1.1
RLMT	Red Lodge comp=Z,20nm,0.8s,mb5.0	32.93 339	eP	P	01 23 41.6	-0.1
R06C	Coleville baz=33, SNR=10	32.93 320	↑P	P	01 23 42.5	+0.7
YFT	Old Faithful baz=33, SNR=10	32.93 336	eP	P	01 23 43.9	+2.2
L12A	House Creek Ra baz=33	32.94 329	↑P	P	01 23 41.8	0.0
HAST	Hastings Reser baz=33	32.97 315	↑P	P	01 23 42.9	-0.1
YNR	Norris Junctio comp=Z,59nm,1.0s,mb5.3	33.09 337	eP	P	01 23 44.5	+1.4
YMR	Madison River comp=Z,59nm,1.0s,mb5.3	33.16 336	eP	P	01 23 44.4	+0.6
YMR					01 23 59.7	+0.1
CMB	Columbia Colle baz=33, SNR=11	33.23 319	eP	P	01 23 44.3	-0.1
CMB					01 23 44.3	-0.1
CMB					01 23 44.3	-0.1
CMB					01 23 44.3	-0.1
PACB	Columbia Colle Pacheo Peak baz=33	33.23 316	↑P	P	01 23 44.1	-0.2
P07A	Fallon baz=33	33.23 322	↑P	P	01 23 45.2	+0.8
K12A	Draper Farm, C baz=33	33.25 330	↑P	P	01 23 44.7	+0.2
M10A	L.L. Ranch, Tu baz=33, SNR=10.0	33.26 327	↑P	P	01 23 44.8	+0.2
O08A	Rochester Mine baz=34, SNR=10.0	33.30 324	↑P	P	01 23 45.2	+0.3
N09A	Rock Creek Ran baz=34, SNR=10.0	33.32 325	↑P	P	01 23 45.4	+0.3
L11A	Cat Creek Ran baz=34, SNR=2	33.32 329	P	P	01 23 45.5	+0.4
LAO	LASA Array comp=Z,30nm,0.8s,mb5.2	33.38 344	eP	P	01 23 45.1	-0.4
L0NY	Lake Ozonia comp=Z,25nm,1.3s,mb4.9	33.39 24	eP	P	01 23 44.7	-1.0
R05C	Kirkwood Meado baz=34, SNR=6.4	33.43 320	↑P	P	01 23 46.9	+0.8
QLMT	Earthquake Lak Cove Ranch, PJ baz=34, SNR=12	33.48 336	eP	P	01 23 48.0	+1.6
J13A	J13A baz=34, SNR=12	33.49 332	↑P	P	01 23 46.5	-0.1
S04C	Ingram Canyon, baz=34	33.53 317	↑P	P	01 23 46.6	-0.4
WCN	Washoe City baz=34	33.60 321	↑P	P	01 23 48.1	+0.5
N08A	GE Springer Mi baz=34, SNR=9.8	33.61 325	↑P	P	01 23 47.5	-0.1
L10A	Juniper Basin baz=34, SNR=7.6	33.62 328	↑P	P	01 23 47.7	0.0
O07A	Toulou baz=34, SNR=12	33.62 323	P	P	01 23 48.3	+0.5
PAHR	Pah Rah Range comp=Z,16nm,0.9s,mb4.9	33.63 322	eP	P	01 23 48.9	+1.1
GCMT	Greywolf Marrel Ranch, baz=34, SNR=13	33.65 339	eP	P	01 23 47.6	-0.3
R04C	Big Horse Ranc baz=34	33.71 319	↑P	P	01 23 49.1	+0.6
HLID	Hailey baz=34, SNR=32	33.73 332	eP	P	01 23 49.0	+0.3
HLID	Hailey comp=Z,12nm,0.8s,mb4.8	33.73 332	eP	P	01 23 48.9	+0.3
J12A	Stokes Ranch, baz=34	33.81 331	↑P	P	01 23 49.5	+0.2
I13A	Wildhorse Cree baz=34, SNR=14	33.87 332	P	P	01 23 50.5	+0.6
LAVA	Lava Cap Winer baz=34	33.88 319	↑P	P	01 23 50.2	+0.6
WENL	Wente Brothers baz=34	33.88 317	↑P	P	01 23 50.6	+0.6
BNLO	Ben Lomond (Sa baz=34	33.89 316	↑P	P	01 23 49.5	-0.6
K11A	Parker Ranch, baz=34, SNR=7.6	33.91 329	P	P	01 23 50.3	+0.1
P06A	Stead Airport, baz=34	33.92 321	↑P	P	01 23 51.2	+0.8
MCMT	Mckenzie Canyo comp=Z,17nm,1.0s,mb4.8	34.05 335	eP	P	01 23 52.4	+1.0
MCMT					01 24 07.0	-0.3
JRSC	Jasper Ridge baz=34	34.08 316	↑P	P	01 23 51.6	-0.2
N07B	Gerlach baz=34	34.08 324	↑P	P	01 23 51.8	0.0
P05C	Yuba Gap, Truc baz=34	34.12 320	↑P	P	01 23 52.8	+0.7
BDM	Black Diamond baz=34	34.14 317	↑P	P	01 23 53.0	+0.7
G15A	Dillon baz=34, SNR=26	34.18 335	P	P	01 23 53.6	+1.1
O06A	Flanigan baz=34, SNR=14	34.19 322	P	P	01 23 53.5	+0.8
M08A	Happy Creek Ra baz=34, SNR=5.0	34.20 325	P	P	01 23 53.2	+0.5
L09A	Wilkinson Ranc baz=34	34.21 327	↑P	P	01 23 53.0	+0.2
BOZ	Bozeman (W) comp=Z,16nm,0.9s,mb4.8	34.24 337	eP	P	01 23 53.2	+0.2
BOZ					01 23 53.3	+0.3
BOZ					01 23 53.3	+0.3
BOZ					01 23 53.3	+0.3
MFID	Camas Ranch baz=34	34.28 330	↑P	P	01 23 53.4	0.0
BEKR	Beckworth baz=34, SNR=11	34.32 321	↑P	P	01 23 54.2	+0.4
Q04C	Lincoln baz=34	34.33 319	↑P	P	01 23 54.6	+0.7
K10A	Macenzie Ran baz=34, SNR=14	34.33 328	P	P	01 23 53.5	-0.3
DLMT	Dillon H13A	34.38 335	eP	P	01 23 55.1	+0.8
H13A	Challis baz=34	34.38 335	eP	P	01 23 55.1	+0.4
DGMT	Dagmar baz=34	34.54 347	eP	P	01 23 54.8	-0.8
N06A	Bufalo Meadow baz=35, SNR=43	34.56 323	eP	P	01 23 56.4	+0.5
M07A	Soldier Meadow baz=35, SNR=40	34.60 324	↑P	P	01 23 56.0	-0.2
Q03C	Winters baz=35	34.62 318	↑P	P	01 23 57.1	+0.7
G14A	Jackson baz=35, SNR=13	34.64 334	P	P	01 23 57.2	+0.7
L08A	Fields baz=35, SNR=15	34.69 326	P	P	01 23 57.1	+0.2
H12A	Diamond D Ranc baz=35	34.70 332	↑P	P	01 23 57.5	+0.5
LRM	Limekiln Ridge baz=35	34.71 336	eP	P	01 23 57.6	+0.5
O05C	Quincy baz=35	34.71 321	↑P	P	01 23 58.1	+0.9
K09A	Rome baz=35, SNR=24	34.72 327	P	P	01 23 57.6	+0.4
H11A	Placerville baz=35, SNR=46	34.72 330	P	P	01 23 57.8	+0.6
F15A	Butte baz=35, SNR=48	34.74 336	↑P	P	01 23 57.5	+0.2
CVS	Carmen Viney baz=35	34.74 317	↑P	P	01 23 57.7	+0.3
FARB	Farallon Islan baz=35	34.75 316	↑P	P	01 23 57.2	-0.3
J10A	Berg Farm, Mel baz=35	34.75 329	↑P	P	01 23 57.5	0.0
SUTB	Sutter Butte baz=35	34.81 319	↑P	P	01 23 58.3	+0.2
ORV	Oroville baz=35, SNR=7.7	34.83 320	P	P	01 23 58.7	+0.5
G13A	Cobal baz=35, SNR=20	34.85 333	P	P	01 23 58.6	+0.3
MCCM	Marconi Confer baz=35	34.91 317	↑P	P	01 23 59.3	+0.3
WVOR	Wild Horse Val comp=Z,30nm,1.2s,mb5.0	35.01 326	eP	P	01 24 00.1	+0.3
WVOR					01 26 29.4	-1.2
WVOR					01 24 00.4	+0.4
WVOR					01 24 00.6	+0.7
F14A	Wisdom baz=35	35.07 335	↑P	P	01 24 00.1	0.0
L07A	Adell baz=35, SNR=12	35.12 325	↑P	P	01 24 00.9	+0.3
K08A	Mann Creek Ran baz=35, SNR=13	35.14 327	P	P	01 24 01.0	+0.2
ULM	Lac du Bonnet comp=Z,10.0nm,0.8s,mb4.7,baz=182,slow=8.8,SNR=8.2	35.16 357	P	P	01 23 59.6	-1.3
ULM					01 26 28.6	-2.3
ULM					01 24 01.0	0.0
ULM					01 23 57.6	-3.3
J09A	Fry Pan Ranch, baz=35, SNR=22	35.19 328	↑P	P	01 24 01.4	+0.1
HRV	Holter Resear baz=35, SNR=13	35.21 337	eP	P	01 24 01.9	+0.5
M06C	Likoi Place G baz=35, SNR=13	35.23 323	P	P	01 24 02.1	+0.5
I10A	Payette baz=35, SNR=12	35.26 330	↑P	P	01 24 02.0	+0.2
E15A	Deer Lodge baz=35, SNR=19	35.28 336	P	P	01 24 02.1	+0.1
H11A	Donnelly baz=36, SNR=23	35.34 331	P	P	01 24 02.6	+0.1
LBCM	Butte Creek Ri baz=36, SNR=35	35.51 322	P	P	01 24 04.2	+0.2
K07A	Rock Creek Ran baz=36, SNR=35	35.52 326	P	P	01 24 04.4	+0.3
HATC	Hat Creek Radi baz=36	35.52 322	↑P	P	01 24 04.6	+0.1
J08A	Circle Bar Ran baz=36, SNR=33	35.57 328	↑P	P	01 24 05.0	+0.5
MOD	Modoc baz=36	35.58 324	↑P	P	01 24 04.4	-0.2
H10A	Noah's Angus R baz=36, SNR=12	35.60 331	P	P	01 24 04.3	-0.5
E14A	Clinton baz=36, SNR=11	35.61 336	P	P	01 24 05.0	-0.2
EGMT	Eagleton baz=36	35.63 341	↑P	P	01 24 04.8	-0.2
EGMT	Eagleton baz=36, SNR=6.5	35.63 341	eP	P	01 24 04.9	-0.1
L0A	Lost Marbles R baz=36, SNR=5.0	35.63 329	P	P	01 24 05.2	+0.2
GASB	Alder Springs baz=36, SNR=5.9	35.65 319	↑P	P	01 24 06.1	+0.9
M05C	Lookout baz=36, SNR=6.7	35.72 323	↑P	P	01 24 05.7	-0.1
D15A	Lincoln baz=36, SNR=20	35.75 337	P	P	01 24 06.0	0.0
F12A	Elk City baz=36, SNR=74	35.82 333	P	P	01 24 06.7	+0.1
E13A	Victor baz=36, SNR=28	35.91 335	P	P	01 24 07.4	0.0
CHMT	Chamberlain Mo Double B Ranc baz=36, SNR=5.7	35.92 336	eP	P	01 24 07.2	-0.3
P01C	Double B Ranc baz=36, SNR=5.7	35.94 318	↑P	P	01 24 08.1	+0.4
L05A	Lakeview baz=36, SNR=8.1	35.97 324	↑P	P	01 24 08.2	+0.2
G11A	Wares Elk Ra baz=36, SNR=40	35.99 332	P	P	01 24 07.7	-0.4
O02C	Red Bluff baz=36	35.99 320	↑P	P	01 24 06.9	-1.3
J08A	Drewsey baz=36, SNR=9.2	36.01 328	↑P	P	01 24 07.6	-0.7
J07A	Hines baz=36, SNR=5.7	36.02 327	↑P	P	01 24 07.3	-1.0
BMO	Blue Mountains comp=Z,33nm,1.5s,mb5.0	36.06 330	eP	P	01 24 07.8	-1.0
WDC	Whiskeytown Da baz=36, SNR=5.5	36.08 321	↑P	P	01 2	

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

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

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Villa Florida, El Rosal, Santa Domingo, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like French Village, Cathedral Cave, Ann Arbor, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Winslow, Graying, Casa Rosa Rang, etc.

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Table with columns for event name, time, and other details. Includes events like ETSF, ROSF, EPF, etc.

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Table with columns for event name, time, and other details. Includes events like EGAK, ORIF, FRF, etc.

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Table with columns for event name, time, and other details. Includes events like CLL, BRG, COP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MOY Mondy, MJAR Matushiro, MAJO Matushiro, MAT Talaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, GYA Guiyang, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, KAPI Kappang, BATI Kakada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, h, m, s, Res, ISC. Includes stations like COEN, CTA, CTB, CTG, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, h, m, s, Res, ISC. Includes stations like SKHL, NEIC, BUI, etc.

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

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

Table with columns for station name, frequency, mode, and other technical details. Includes stations like Saint Gilles, Guadarrama, Espera, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like LOR Lormes, LOR Lormes, LOR Lormes, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like VRSR Storozhevo, VORD Divnogorie, SWET Sevanee, etc.

MCMT	McKenzie Canyon	57.45 303	eP	P	06 05 50.7 -0.5
MCMT	McKenzie Canyon	57.45 303	eP	P	06 05 50.6 -0.6
D12A	Red Ives Fores	57.47 306	↑P	P	06 05 52.7 -0.5
RW3	Ridgway	57.78 294	eP	P	06 05 47.7 -5.9
NEW	Newport	58.10 308	eP	P	06 05 55.6 -0.1
NEW	Newport	58.10 308	eP	P	06 05 55.6 -0.1
NEW	Newport	58.10 308	eP	P	06 05 55.6 -0.1
G13A	Cobalt	58.14 304	↑P	P	06 05 55.8 -0.2
D11A	Klavanaugh Farm,	58.31 307	↑P	P	06 05 56.6 -0.6
F12A	Elk City	58.38 305	↑P	P	06 05 57.3 -0.5
HWUT	Hardway Ranch	58.41 299	eP	P	06 05 58.0 0.0
HWUT	Hardway Ranch	58.41 299	eP	P	06 05 58.0 0.0
H13A	Challis	58.44 303	↑P	P	06 05 58.2 0.0
A09A	Danville	58.53 309	↑P	P	06 05 58.1 -0.6
B09A	Rice	58.59 309	↑P	P	06 05 58.7 -0.5
E11A	Bogner Ranch,	58.61 306	↑P	P	06 05 58.5 -0.9
I13A	Wildhorse Cree	58.71 302	↑P	P	06 05 60.0 -0.1
H12A	Diamond D Ranch	58.81 303	↑P	P	06 06 00.2 -0.5
ANMO	Albuquerque	58.82 290	eP	P	06 06 01.8 +0.8
ANMO	Albuquerque	58.82 290	eP	P	06 06 01.8 +0.8
ANMO	Albuquerque	58.82 290	eP	P	06 06 01.8 +0.8
F11A	Grangeville	58.84 305	↑P	P	06 06 00.3 -0.6
D10A	Wagner Farm, O	58.84 307	↑P	P	06 06 01.5 +0.2
DAU	Daniel Canyon	58.88 298	eP	P	06 06 01.5 +0.2
DAU	Daniel Canyon	58.88 298	eP	P	06 06 01.5 +0.2
DLBC	Dease Lake	58.89 323	eP	P	06 06 01.2 +0.1
DLBC	Dease Lake	58.89 323	eP	P	06 06 01.2 +0.1
K14A	Jones Ranch, D	58.89 301	↑P	P	06 06 00.9 -0.4
MVCO	Mesa Verde	58.89 293	eP	P	06 06 02.5 +1.1
MVCO	Mesa Verde	58.89 293	eP	P	06 06 02.5 +1.1
A08A	Turner Farm, O	58.92 310	↑P	P	06 06 00.6 -0.9
GD2L	Guadalupe Moun	58.98 286	eP	P	06 06 02.7 +0.5
GD2L	Guadalupe Moun	58.98 286	eP	P	06 06 02.7 +0.5
S19A	Harvey Farm, M	59.01 291	↑P	P	06 06 02.0 -0.2
J13A	Cove Ranch, Pi	59.03 302	↑P	P	06 06 02.2 -0.1
M15A	Larsen Ranch,	59.04 299	P	P	06 06 02.0 -0.4
HVU	Hansel Valley	59.07 300	eP	P	06 06 02.5 -0.1
HVU	Hansel Valley	59.07 300	eP	P	06 06 02.5 -0.1
HLID	Hailey	59.09 302	↑P	P	06 06 02.7 0.0
HLID	Hailey	59.09 302	↑P	P	06 06 03.0 +0.3
HLID	Hailey	59.09 302	eP	P	06 06 03.0 +0.4
SPUT	South Promonto	59.13 299	eP	P	06 06 02.7 -0.3
SPUT	South Promonto	59.13 299	eP	P	06 06 02.7 -0.3
R18A	Canyonlands Na	59.14 295	↑P	P	06 06 02.8 -0.3
G11A	Walters Elk Ra	59.17 305	↑P	P	06 06 02.4 -0.9
EGAK	Eagle	59.25 333	eP	P	06 06 03.3 -0.2
EGAK	Eagle	59.25 333	eP	P	06 06 03.3 -0.2
B08A	Colville Reser	59.29 309	↑P	P	06 06 03.0 -1.0
BNM	Barren Site	59.40 289	eP	P	06 06 05.6 +0.6
GNM	Garret Site	59.40 289	eP	P	06 06 05.6 +0.7
H11A	Donnelly	59.41 304	↑P	P	06 06 04.2 -0.7
TMUT	Trail Mountain	59.47 297	eP	P	06 06 05.3 +0.9
TMUT	Trail Mountain	59.47 297	eP	P	06 06 05.3 +0.8
A07A	Ashnola River,	59.48 311	↑P	P	06 06 05.1 -0.3
M14A	Sheep Mountain	59.58 300	↑P	P	06 06 05.4 -0.7
LAZ	Ladron	59.59 290	eP	P	06 06 07.0 +0.7
LAZ	Ladron	59.59 290	eP	P	06 06 07.0 +0.7
S18A	Hurst Farm, BI	59.62 304	↑P	P	06 06 06.1 -0.2
L13A	Double Diamond	59.62 301	↑P	P	06 06 06.5 +0.1
E09A	Wood Farm, Sta	59.64 307	↑P	P	06 06 06.0 -0.5
B07A	Winthrop	59.66 310	↑P	P	06 06 05.3 -1.3
Q16A	Castle Valley	59.66 296	↑P	P	06 06 06.5 -0.2
J12A	Stokes Ranch,	59.67 302	↑P	P	06 06 07.0 +0.3
G10A	Bishop Farm, J	59.73 305	↑P	P	06 06 06.5 -0.6
I11A	Placerville	59.82 303	↑P	P	06 06 07.6 -0.1
T18A	Mexican Hat	59.84 294	↑P	P	06 06 07.3 -0.7
N14A	Grayback Hills	59.85 299	↑P	P	06 06 07.6 -0.4
DUG	Dugway	59.98 298	eP	P	06 06 09.4 +0.5
DUG	Dugway	59.98 298	eP	P	06 06 09.4 +0.5
DUG	Dugway	59.98 298	eP	P	06 06 09.4 +0.5
DUG	Dugway	59.98 298	eP	P	06 06 09.4 +0.5
MFID	Camas Ranch	60.02 303	↑P	P	06 06 08.4 -0.7
C07A	Waterville	60.06 309	↑P	P	06 06 07.9 -1.5
V19A	Window Rock	60.11 292	↑P	P	06 06 09.2 -0.7
G09A	Cove	60.13 305	↑P	P	06 06 08.6 -1.2
M13A	Montello	60.17 300	↑P	P	06 06 10.6 +0.4
TXAR	Lajitas Array	60.20 283	P	P	06 06 10.3 -0.2
TXAR	Lajitas Array	60.20 283	P	P	06 06 10.3 -0.2
TXAR	Lajitas Array	60.20 283	P	P	06 06 10.3 -0.2
L12A	House Creek Ra	60.25 301	↑P	P	06 06 11.0 +0.3
U18A	Rough Rock, Ch	60.25 293	↑P	P	06 06 11.0 +0.2
Q15A	Fillmore	60.39 297	↑P	P	06 06 11.8 0.0
H09A	Durkee	60.41 305	↑P	P	06 06 11.0 -0.8
P14A	Drum Mountains	60.49 298	↑P	P	06 06 12.4 0.0
K11A	Parker Ranch,	60.51 302	↑P	P	06 06 12.4 -0.1
MSU	Marysville	60.54 296	eP	P	06 06 13.4 +0.6
MSU	Marysville	60.54 296	eP	P	06 06 13.4 +0.6
M12A	Wells	60.60 300	↑P	P	06 06 13.4 +0.3
U17A	Shonto	60.66 294	↑P	P	06 06 13.7 +0.1
L11A	Cat Creek Ranch	60.69 302	↑P	P	06 06 13.6 -0.1
V18A	Ganado	60.70 293	↑P	P	06 06 14.1 +0.2
I09A	Lost Marbles R	60.84 304	P	P	06 06 15.2 +0.5

Q14A	Sevier Lake (B	60.97 297	↑P	P	06 06 15.7 0.0
T16A	Glen Canyon Da	60.99 295	↑P	P	06 06 16.4 +0.5
N12A	Clover Valley	61.00 300	↑P	P	06 06 16.2 +0.4
K10A	MacKenzie Ranch	61.01 303	↑P	P	06 06 16.5 +0.6
X19A	St. Johns	61.02 291	↑P	P	06 06 16.8 +0.7
M11A	Holland Ranch,	61.13 301	↑P	P	06 06 17.2 +0.5
S15A	Panitch	61.14 296	↑P	P	06 06 17.3 +0.4
O12A	Currie	61.15 299	↑P	P	06 06 16.9 0.0
P13A	Bates Ranch, G	61.17 298	↑P	P	06 06 16.7 -0.3
ELK	Elko	61.19 300	eP	P	06 06 17.8 +0.7
ELK	Elko	61.19 300	eP	P	06 06 17.8 +0.7
ELK	Elko	61.19 300	eP	P	06 06 17.8 +0.7
J09A	Fry Pan Ranch,	61.21 304	↑P	P	06 06 17.8 +0.5
E06A	Yakima	61.23 308	↑P	P	06 06 16.6 -0.8
U16A	Taba City	61.24 294	↑P	P	06 06 17.7 +0.2
Y19A	Nutrioso	61.28 291	↑P	P	06 06 18.7 +0.8
COLA	College	61.30 335	iP	P	06 06 17.6 +0.1
COLA	College	61.30 335	iP	P	06 06 17.0 -0.4
X18A	Snowflake	61.40 291	↑P	P	06 06 19.0 +0.3
N11A	Elko Archery C	61.45 300	↑P	P	06 06 19.4 +0.5
Q13A	Wheeler Ranch,	61.46 298	↑P	P	06 06 19.4 +0.4
T15A	Red Dirt Ranch	61.54 295	↑P	P	06 06 19.9 +0.3
K09A	Rome	61.57 303	P	P	06 06 20.6 +0.9
S14A	Cedar City	61.61 296	↑P	P	06 06 20.1 0.0
J08A	Circle Bar Ranch	61.63 304	↑P	P	06 06 20.1 0.0
Z19A	T-Link Ranch,	61.68 290	↑P	P	06 06 20.9 +0.3
P12A	McGill	61.72 299	↑P	P	06 06 20.8 0.0
WUAZ	Wupatki	61.76 293	↑P	P	06 06 21.4 +0.3
WUAZ	Wupatki	61.76 293	↑P	P	06 06 21.2 +0.1
WUAZ	Wupatki	61.76 293	↑P	P	06 06 21.2 +0.1
ARUT	Antelope Range	61.77 296	eP	P	06 06 21.4 +0.3
ARUT	Antelope Range	61.77 296	eP	P	06 06 21.4 +0.3
O11A	Cowboy Ranch,	61.80 300	↑P	P	06 06 21.7 +0.4
U15A	North Rim	61.83 294	↑P	P	06 06 21.2 -0.3
CCUT	Cedar City	61.86 296	eP	P	06 06 22.0 +0.3
CCUT	Cedar City	61.86 296	eP	P	06 06 22.0 +0.3
R13A	O'Grain Ranch,	61.88 297	↑P	P	06 06 21.9 0.0
Y18A	Canyon Day Jun	61.90 291	↑P	P	06 06 22.4 +0.3
H06A	Lindquist Farm	61.92 306	↑P	P	06 06 21.5 -0.5
Q12A	Willow Creek R	61.92 298	↑P	P	06 06 22.4 +0.3
L09A	Wilkinson Ranc	61.93 302	↑P	P	06 06 22.3 +0.1
T14A	Hurricane	61.97 295	↑P	P	06 06 22.0 -0.4
K08A	Mann Creek Ran	62.01 303	↑P	P	06 06 23.0 +0.4
I19A	Ashpaeq Ranch,	62.02 289	↑P	P	06 06 23.2 +0.4
X17A	Forest Lakes	62.09 292	↑P	P	06 06 24.1 +0.8
IMA2	Indian Mountain	62.09 338	eP	P	06 06 22.9 +0.1
IMA2	Indian Mountain	62.09 338	eP	P	06 06 22.9 +0.1
V15A	Kaibab Nationa	62.11 294	↑P	P	06 06 23.7 +0.3
W16A	Flagstaff	62.12 293	↑P	P	06 06 23.9 +0.4
M09A	Marrel Ranch,	62.15 302	↑P	P	06 06 23.7 +0.1
S13A	Holt Ranch, En	62.16 296	↑P	P	06 06 23.9 +0.2
R12A	Pony Springs,	62.20 297	↑P	P	06 06 24.3 +0.3
O10A	Cortez Mining,	62.23 300	↑P	P	06 06 24.4 +0.3
L08A	Fields	62.24 303	↑P	P	06 06 24.4 +0.2
WVOR	Wild Horse Val	62.27 303	eP	P	06 06 25.1 +0.7
WVOR	Wild Horse Val	62.27 303	eP	P	06 06 25.1 +0.7
WVOR	Wild Horse Val	62.27 303	eP	P	06 06 25.1 +0.7
NLWA	Neilton Lookou	62.34 310	↑P	P	06 06 25.1 +0.4
U14A	Mt Trumbull	62.41 295	↑P	P	06 06 25.1 -0.3
Z19A	White Tail Can	62.45 289	↑P	P	06 06 26.1 +0.4
X16A	Lo Mia Camp, P	62.46 292	P	P	06 06 26.9 +1.1
K07A	Rock Creek Ran	62.48 304	↑P	P	06 06 26.2 +0.4
Z17A	San Carlos Hig	62.48 291	↑P	P	06 06 26.5 +0.5
Y17A	Roosevelt	62.49 291	↑P	P	06 06 27.0 +1.0
BDFB	Brasilia	62.52 202	LR	P	06 29 49.9
T13A	Saint George	62.52 296	↑P	P	06 06 26.2 0.0
N09A	Rock Creek Ran	62.53 301	↑P	P	06 06 26.4 +0.3
I18A	Homack Ranch,	62.54 290	P	P	06 06 27.4 +1.0
W15A	Williams	62.55 293	↑P	P	06 06 26.8 +0.4
Q11A	Duckwater	62.56 298	↑P	P	06 06 26.4 0.0
OTAV	Otavallo	62.59 240	eP	P	06 06 26.8 -0.1
OTAV	Otavallo	62.59 240	eP	P	06 06 26.8 0.0
P10A	Eureka	62.60 300	↑P	P	06 06 27.3 +0.6
E03A	Lebam	62.68 309	↑P	P	06 06 27.6 +0.6
J06A	Christmas Vall	62.69 305	↑P	P	06 06 27.5 +0.4
M08A	Happy Creek Ra	62.70 302	↑P	P	06 06 28.3 +1.0
O09A	Fish Creek Ran	62.73 300	↑P	P	06 06 27.9 +0.4
S12A	Delamar Landin	62.78 297	↑P	P	06 06 27.7 -0.2
R11A	Troy Canyon, C	62.81 298	↑P	P	06 06 28.0 -0.1
Y16A	Circle Bar Ran	62.81 292	↑P	P	06 06 28.7 +0.6
V14A	Boquillas Ranc	62.83 294	↑P	P	06 06 28.1 -0.2
319A	Douglas	62.84 288	↑P	P	06 06 28.9 +0.5
G04A	Mulino	62.87 308	↑P	P	06 06 28.1 -0.3
U13A	Pakoon Wash	62.92 295	↑P	P	06 06 28.8 -0.1
L07A	Adell	62.94 303	↑P	P	06 06 29.1 +0.2
N08A	GE Springer Mi	62.95 301	↑P	P	06 06 28.7 -0.2

X15A	Humboldt	62.95 293	↑P	P	06 06 29.2 +0.2
Z18A	Dragon	62.99 289	↑P	P	06 06 29.8 +0.4
K06A	Valley Falls	63.02 304	↑P	P	06 06 29.9 +0.5
TIXI	Tiksi	63.02 8	eP	P	06 06 29.1 +0.2
TIXI	Tiksi	63.02 8	eP	P	06 06 29.1 +0.2
TIXI	Tiksi	63.02 8	eP	P	06 06 29.1 +0.2
W14A	Selgin	63.07 294	↑P	P	06 06 30.0 +0.2
Z16A	Peralta Trail,	63.10 291	↑P	P	06 06 30.2 +0.1
I17A	Oracle	63.10 290	↑P	P	06 06 30.0 -0.1

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TXAR, PLCA, ARCES, MEZF, etc.

DDA 29 10:53:19.2, 3681N, 3992E, h7km, 6km, Md3.0
CSEM 29 10:53:19.2, 3681N, 3992E, h7km, MDS.0, After ERD
ISC 29 10:53:19.2, 3681N, 3992E, h7km, MDS.0, After ERD

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

MAN 29 11:05:10, 1091N, 12481E, h5km, mb4.2, ML3.0, MS2.8, 1D, Leyte

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

ISCJB 29 11:10:04.5, 1.0, 6767N, 004.336E, 0.1, h0km, Error
elliptic: s-maj=8.3km s-min=5.2km az=173.5

NAO 29 11:10:04.5, 1.2, 6755N, 3383E, ML2.4
HEL 29 11:10:04.8, 0.2, 6765N, 3390E, h0km, ML2.7, ML2.5(BER), ML2.4(NAO), Explosion

ICD 29 11:10:06.8, 1.2, 6771N, 3354E, h0km, mb3.2/1, mb1 3.5/6, mb1mx3.2/25, mb1mp3.5/6, ML3.1/5, Error ellipse: s-maj=13.8km s-min=9.6km az=80.0

ISC 29 11:10:05.0, 3.0, 6761N, 003.337E, 0.1, h0km, m23, c0124/40, Baltic States - Belarus - Northwestern Russia

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like APAO, ARAO, ARCES, etc.

ISCJB 29 11:16:24.7, 0.4, 3890N, 003.2199E, 0.04, h10km, Error
elliptic: s-maj=4.5km s-min=3.6km az=44.0
CSEM 29 11:16:25.3, 0.1, 3889N, 2198E, h5km, MDS.2, Error

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

ISCJB 29 11:31:53.7, 0.8, 3657N, 004.112W, 0.06, h10km, Error
elliptic: s-maj=7.2km s-min=5.5km az=27.1

CSEM 29 11:31:55.6, 0.4, 3642N, 1095W, h10km, ML2.5, Error
elliptic: s-maj=9.4km s-min=4.4km az=116.0

MDD 29 11:31:55.8, 1.3, 3663N, 1119W, h0km, mb4.4/1, Error
elliptic: s-maj=13.0km s-min=10.3km az=108.0

CNRM 29 11:31:55.4, 3.680N, 1102W, h0km, MDS.7
NEIC 29 11:31:56.5, 3.678N, 1120W, h0km, MG4.3(MDD), After MDD

INMG 29 11:31:58.3, 0.7, 3660N, 1137W, h31km, ML2.5, Error
elliptic: s-maj=3.7km s-min=3.1km az=65.0

ISC 29 11:31:56.0, 7.3, 3658N, 004.1107W, 0.06, h10km, n51, c0122/93, 4C-1D, Azores-Cape St. Vincent Ridge

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PFVI, MORF, PTEO, etc.

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

ISCJB 29 11:50:41.3, 0.7, 5884S, 007.1486E, 0.3, h10km, mb4.7/13, MS4.2/13, Error ellipse: s-maj=20.2km s-min=9.8km az=0.9

ICD 29 11:50:42.0, 0.8, 5888S, 14800E, h0km, mb4.5/7, mb1 4.5/8, mb1mx4.3/17, mbtmp4.4/8, ML3.0/1, MS4.2/14, MS1.4/214, ms1mx4.0/31, Error ellipse: s-maj=38.3km s-min=17.0km az=83.0

NEIC 29 11:50:43.2, 5.6, 5880S, 14853E, h8km, 36km, mb4.7/10, Error ellipse: s-maj=18.5km s-min=8.9km az=91.0

ISC 29 11:50:42.6, 0.7, 5883S, 007.1490E, 0.3, h10km, n37, c0563/22, mb4.7/13, MS4.2/13, West of Macquarie Island

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TAU, CASY, VNSA, etc.

SZGRF 29 12:01:00.2, 21.263S, 16933E, h33km, Southeast of Loyalty Islands
ISCJB 29 12:01:27.5, 1.0, 1878S, 004.1689E, 0.05, h215km, 9km, mb4.7/47, Error ellipse: s-maj=7.7km s-min=6.4km az=156.0
BUJ 29 12:01:29.6, 1.843S, 16900E, h226km, mb4.7, mb4.7
NEIC 29 12:01:30.8, 1.3, 1879S, 16897E, h237km, 12km, mb4.7/26, Error ellipse: s-maj=6.6km s-min=5.2km az=57.0
ICD 29 12:01:30.2, 1.2, 1878S, 16894E, h229km, 11km, mb4.5/21, mb1 4.5/22, mb1mx4.5/24, mbtmp4.5/22, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BND5 Bandar-Abbas, BANOM Banah, KRBR Kerman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KARS Kars, HOMI Horasan, DIGO Ghasan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJI Chichi jima, MJAR Matsushiro Arr, MAT Matsushiro, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSM Kuching, MBWA Marble Bar, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSR Korea Array, PETK Petropavlovsk, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNL Peninsula, DHAK Yakutat, DLEC Deception Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJI Chichi jima, GUMJ Guam, JOW Kunigami, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO3 Boso 3, BSO2 Boso 2, BSO4 Boso 4, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Bisbee, White Tail Can, Dragon, Ashpeak Ranch, Green Valley, Albuquerque, Homack Ranch, Nutrioso, Roosevelt, Great Sand Dun, Forest Lakes, Window Rock, Casa Rosa Ranc, Humboldt, Wickenburg, Mesa Verde, Flagstaff, Rough Rock, Wupatki, Yava, Salome, Glamis, Syowa Base, Mexican Hat, Shonto, Harvey Farm, Paradox Valley, Kaibab Natona, Yuca, Seligman, Hurst Farm, Big Chuck Mtn, Monument Peak, Boquillas Ranc, Iron Mountain, North Rim, Canyonlands Na, Hogan Spring, Belle Mtn, Mt Trumbull, Red Dirt Ranch, Granite Mounta, Nelson, Hector Ludlow, Valley of Fire, Cedar City, Sutherland, Antelope Range, Holt Ranch, O'Grain Ranch, Corn Creek, Sevier Lake, Torodi Ar. Sit, Torodi Ar. Bea, Topopah Spring, Pony Springs, Drum Mountains, Wheeler Ranch, Isabella, Dugway, Dugway, Bates Ranch, Troy Canyon, Tonopah Range, Vestal, Richgr, Hardware Ranch, Warm Springs, Duckwater, Tonopah, Clear Creek, Mitchell Peak, White Mtn Res, Currie, Sheep Mountain, Lac du Bonnet, Cowboy Ranch, Eureka, Montello, Kaiser Creek, Elko, Schefferville, Schefferville, Minna Array Bea, Hernandez Rese, Gabbs.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Double Diamond, Wells, San Francisco, Hastings Reser, Fish Creek Ran, Holland Ranch, Stover Farm, House Creek Ra, Greycliff, Draper Farm, Kirkwood Meado, Cat Creek Ranch, Cove Ranch, Juniper Basin, Halley, HLD, HLD, Marler Ranch, Boshof, Wildhorse Cree, Stokes Ranch, McKenzie Canyo, Parker Ranch, Gerlach, Wilkinson Ranc, Challis, Mawson, Mawson, Butte, Diamond D Ranc, Soldier Meadow, Cobalt, Oroville, Fields, Rome, Holter Researc, Eggleton, Eggleton, Deer Lodge, Donnelly, Lincoln, Lobates, Hat Creek Radi, Rock Creek Ran, Noah's Angus R, Modoc, Circle Bar Ran, Lost Marbles R, Victor, Elk City, Double 8 Ranch, Greenough, Red Bluff, Walters Elk Ra, Lakeview, Dreysey, Valley Falls, Grangeville, Bishop Farm, Huson, Christmas Vall, Swan Lake, Summer Lake, Bogner Ranch, Dreysey, Big Bar, Cove, Ives, Red Ives Fores, Hot Springs, Beach Ranch, Fort Rock, Pilot Rock, Whitefish, Ruggs Ranch, Wagner Farm, Flathead Natio, Wollman Farm, Hall Mountain, Chrisman Ranch, Rice, Fort Churchill, Soap Creek Ran, Yakima, Waterville, Turner Farm, Winthrop, Ashnola River.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Yellowknife Ar, Alice Springs, Warramunga Arr, Petropavlovsk, Zalesovo Array, Zalesovo Beam, Makanchi Array, Hu-ho-hao-te, Chengdu, Guiyang, Alice Springs, Warramunga Arr, Hagfok, Malin Array Bea.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like STKA, ASAR, WRA, HFS, AKASG.

NEIC 29 16:58:57.7, 3859Sx17541E, h232km, MG3.7(WEL), After WEL. WEL 29 16:58:57.7, 0.6, 3859Sx17541E, h232km, 5km, ML3.7/12, Error ellipse: s-maj=6.2km s-min=4.5km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like FWVZ, WFWZ, MOVZ, MOVZ, BKZ, URZ, URZ, TSZ, KAHZ, WPHZ, KNZ, KNZ, MRZ, MRZ, KIWI, KIWI, CAW, MRW, MRW, WEL, WEL, WEL, TCW, SNZO, SNZO, TUWZ, TUWZ, NNZ, NNZ, BSWZ, BSWZ, THZ, THZ, KHZ, KHZ, LTZ, LTZ.

CSEM 29 17:01:24.0, 0.2, 7232N, 237E, h10km, ML2.2, Error ellipse: s-maj=5.2km s-min=2.2km az=66.0. NAO 29 17:01:25.4, 4.4, 7249N, 351E, ML2.6. NEIC 29 17:01:25.9, 0.8, 7252N, 357E, h10km, Error ellipse: s-maj=4.4km s-min=7.4km az=80.0. IDC 29 17:01:25.3, 1.5, 7243N, 357E, h0km, mb3.4/3, mb1 3.4/7, mb1mx3.5/3, mbmp3.6/7, ML2.9/4, MS3.4/17, MS1.3/4/17, ms1mx3.3/30, Error ellipse: s-maj=24.0km s-min=22.6km az=106.0.

ISCJB 29 17:01:25.4, 0.7, 7252N, 005.42E, 0.2, h10km, mb3.3/3, MS3.4/10, Error ellipse: s-maj=8.4km s-min=6.0km az=148.7. HEL 29 17:01:26.6, 0.4, 7254N, 340E, h10km, ML2.2(BER), ML2.6(NAO). BER 29 17:01:27.1, 2.9, 7260N, 333E, h0km, 34km, ML2.2.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like JMCJ, BJOJ, BJOJ, LOF, LOF, Tromso, Tromso, Tromso, Tromso.

PDG, PDG 29 17:38:19.0,0.3,4161N,1991E,h3km,1km,ML2,7/9, Error ellipse: s-maj=2.8km s-min=2.9km az=0.0

ISC 29 17:38:18.6,0.4,4153N,002.2014E,003,h10km,n35, c130/70,7C-4D,Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Qafa e Shtames, Peshkopija, Tirane, Puka, Ohrid, Ulcinj, etc.

MOS 29 17:53:42.3,2.6,5221N,16036E,h14km,mb4.0/3, Error ellipse: s-maj=21.8km s-min=8.7km az=96.3

ISC/B 29 17:53:48.8,8.5,5267N,15977E,h33km,4.7km,mb3.6/3, mb1 3.7/3, mb1mx3/3,20,mbtmp3.6/3, Error ellipse: s-maj=68.0km s-min=54.7km az=140.0

ISC 29 17:53:49.8,0.9,5257N,004.15988E,007,h27km,5km, mb3.9/3, Error ellipse: s-maj=8.9km s-min=4.0km az=43.2

KRSC 29 17:53:49.6,0.3,5260N,15985E,h21km,20km,ML4,1 Error ellipse: s-maj=11.8km s-min=5.7km az=118.8

ISC 29 17:53:51.3,0.8,5255N,005.15979E,009,h48km,9km, n30, c123/46,mb3.9/3,1D, Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Mys Shipunski, Nalytchevo, Russkaya, Petropavlovsk, Avacha, Gorely, etc.

MOS 29 18:07:23.3,0.9,561S,14586E,h81km,mb5.3/21, Error ellipse: s-maj=19.2km s-min=9.5km az=105.7

BUI 29 18:07:25.8,5.54S,14620E,h15km,mb5.2,mb5.3 ISCBJ 29 18:07:26.4,0.2,573S,003.14592E,005,h113km, mb5.2/80, Error ellipse: s-maj=6.6km s-min=4.2km az=3.0

IDC 29 18:07:26.6,2.2,576S,14571E,h96km,20km,mb4.6/20, mb1 4.6/24, mb1mx4.6/26, mbtmp4.6/24, MS3.7/5, Ms1 3.8/5, ms1mx3.4/23, Error ellipse: s-maj=12.9km s-min=7.6km az=107.0

NEIC 29 18:07:28.1,0.2,576S,14584E,mb5.1/37, Error ellipse: s-maj=7.4km s-min=4.6km az=96.0

NEIC Felt at Madang GCMT 29 18:07:28.1,0.2,579S,14570E,h121km,2km,MW5,1/81, Moment Tensor Solution. s35,645; s81,632; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.64E,15; Mw=2.49E,16; Mw0.14E,17; Mw-2.94E,11; Mw-3.80E,15; Mw-0.32E,13; Best double couple: Ms5.38900x1016 NP1,ms343.00000,ms45.00000,ms28.00000,ms2.00000,ms0.94.00000,ms70.00000,ms132.00000,ms1.0.99000

Plg39.00000, Azm110.00000; P-4.8960, Plg47.00000, Azm320.00000; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. DJA 29 18:07:31.576S,14578E,h130km,mb5.4/22

ISC 29 18:07:28.2,0.2,581S,003.14591E,005,h115km, h115km,2.0km,pP-P,n175,c0.959/161,mb5.2/80,8C-25D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Coen, Charters Tower, Honiara, Warramunga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GYA, AP, P, etc. Includes various codes and station names.

Table with columns: CIT, Chita, 63.08 338 eP, P, 18 17 48.7 +0.2, 18 18 18.1 +1.5, etc. Lists various astronomical objects and their properties.

Table with columns: BMO, Blue Mountains, 98.88 46 eP, P, 18 20 55.3 -0.2, 18 20 55.3 -0.2, etc. Lists various astronomical objects and their properties.

Table with columns: GRG, Peshkopia, 2.39 3 eSn, Sn, 18 20 25.9 +7.3, 18 09 53.0 +2.1, etc. Lists various astronomical objects and their properties.

ID1	21nm,0.3s,baz=80,slow=22,SNR=4.1	Sn	Sn	18 11 30.1 -5.1	comp=Z,165nm,2.0s	OBKA Obir	8.33 332 <i>l</i> /Pn	Pn	18 11 11.5 -1.0	RJOB	eS	Sn	18 13 26.1 -1.4	
MCT	Mte Cammarata	5.45 254 P	Pn	18 10 35.6 +2.6	OBKA	Coloredo	8.51 79 ePN	Pn	18 12 40.5 -5.6	NIE	Niedzica	10.12 0 P	Pn	18 11 38.4 +1.4
SDI	San Donato	5.47 298 P	Pn	18 10 34.5 +1.3	FNVD	Fontana Vidola	8.38 308 P	Pn	18 11 14.8 +1.6	WTTA	Wattenberg	10.13 325 <i>l</i> /Sn	Pn	18 11 36.4 -4.0
PKY	Sarkov-Tekirda	5.50 73 ePN	Pn	18 10 34.2 +0.5	DRE	Drenchia	8.41 327 <i>l</i> /Pn	Pn	18 11 12.0 -1.6	WTTA	Wattenberg	SNR=129	Pn	18 13 26.4 -0.4
SART	Tekirda	5.50 73 ePN	Pn	18 10 34.2 +0.5	VSL	Villasalto	8.42 275 ePN	Pn	18 11 13.6 -0.2	WTTA	Wattenberg	comp=Z,128nm,7.0s	Pn	18 13 26.4 -0.4
BEO	Beograd	5.51 2 P	Pn	18 10 32.0 -1.8	VSL	Villasalto	8.42 275 ePN	Pn	18 11 13.6 -0.1	STHS	Stebnicka Huta	10.14 4 ePN	Pn	18 11 38.7 +1.4
BEO	Beograd	5.51 2 <i>l</i> ePN	Pn	18 10 33.5 -0.3	COLI	Coloredo	8.51 79 ePN	Pn	18 11 13.6 -0.1	KRUC	Krasovskaya	10.14 345 P	Pn	18 12 40.7 +6.3
INTR	Introdacqua	5.53 301 P	Pn	18 10 35.8 +1.7	MODU	Mudurnu	8.51 79 ePN	Pn	18 11 15.8 +0.7	PCP	Pian Castagno	10.17 305 P	Pn	18 11 37.9 +0.2
ISI	Istica	5.53 301 P	Pn	18 10 35.8 +1.7	ANTB	Antalya	8.54 103 ePN	Pn	18 11 18.9 +3.4	WATA	Walderalm	10.21 325 <i>l</i> /Sn	Pn	18 13 28.4 -3.9
IZM	Izmir	5.55 97 ePN	Pn	18 10 36.9 +2.5	ZCCA	Zocca	8.57 309 P	Pn	18 11 18.3 +2.6	WATA	Walderalm	SNR=101	Pn	18 13 38.6 +0.3
FAVR	Favara	5.56 251 P	Pn	18 10 34.8 +0.3	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 15.3 -1.2	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 31.6 -0.8
EDRB	Edirne	5.56 61 ePN	Pn	18 10 34.2 -0.3	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 16.4 -0.1	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MFT	Murefte	5.60 72 ePN	Pn	18 10 36.1 +1.1	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.6	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 31.6 -0.8
CRAR	CRAIOVA	5.62 27 <i>l</i> /Pn	Pn	18 10 38.5 +2.4	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 17.2 +0.7	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
WDD	Weid Dalam	5.69 235 P	Pn	18 10 34.4 -1.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BALV	Balya	5.72 83 P	Pn	18 10 38.6 +2.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
JMB	Yambol	5.75 55 ePN	Pn	18 10 37.2 +0.1	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
CLTB	Caltabellotta	5.75 255 P	Pn	18 10 39.1 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MRMT	Marmara Adasi	5.79 75 ePN	Pn	18 10 38.7 +1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
ZMR	Zimri	5.81 40 <i>l</i> /Pn	Pn	18 10 39.9 +1.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
ZMR	Zimri	5.81 40 <i>l</i> /Pn	Pn	18 10 39.9 +1.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
TKR	Tekirda	5.83 71 ePN	Pn	18 10 39.5 +1.2	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
FGSL	Fuskaga Gora	5.87 357 <i>l</i> /Pn	Pn	18 10 37.9 -0.8	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
FGSL	Fuskaga Gora	5.87 357 <i>l</i> /Pn	Pn	18 10 37.9 -0.8	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
NPS	Neapolis	5.87 132 ePN	Pn	18 10 39.2 +4.2	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
PIOR	Pietraroaria	5.89 300 P	Pn	18 10 39.9 +1.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
AKS	Akhisar	5.90 92 ePN	Pn	18 10 41.8 +2.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BALB	Balkesir	5.92 84 ePN	Pn	18 10 41.5 +2.2	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
CRLT	Corlu	6.02 70 ePN	Pn	18 10 41.4 +0.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
AQU	L'Aquila	6.02 303 <i>l</i> /Pn	Pn	18 10 42.4 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
AQU	L'Aquila	6.02 303 <i>l</i> /Pn	Pn	18 10 42.4 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
AQU	L'Aquila	6.02 303 <i>l</i> /Pn	Pn	18 10 42.4 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
AQU	L'Aquila	6.02 303 <i>l</i> /Pn	Pn	18 10 42.4 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
TERO	Teramo	6.03 306 P	Pn	18 10 41.9 +1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
ERC	Erice	6.13 261 P	Pn	18 10 42.8 +0.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
CERT	Cerreto	6.13 298 P	Pn	18 10 43.7 +1.4	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
OFPI	Offida	6.13 308 P	Pn	18 10 44.4 +1.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
FIAM	Flaminignano	6.17 301 P	Pn	18 10 45.1 +2.2	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
LANV	Lavagnone	6.23 295 P	Pn	18 10 45.1 +1.4	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
RPP	Rocca di Papa	6.24 296 P	Pn	18 10 44.8 +0.9	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MLSB	Milas	6.25 106 ePN	Pn	18 10 47.5 +3.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MA9	Marino	6.29 296 P	Pn	18 10 46.0 +1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MTCE	Montecelio	6.32 296 P	Pn	18 10 45.7 +0.7	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BA9	Buzias	6.40 9 <i>l</i> /Pn	Pn	18 10 45.0 -1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BZS	Buzias	6.40 9 <i>l</i> /Pn	Pn	18 10 45.0 -1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BZS	Buzias	6.40 9 <i>l</i> /Pn	Pn	18 10 45.0 -1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BZS	Buzias	6.40 9 P	Pn	18 10 46.4 +0.4	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BZS	Buzias	6.40 9 P	Pn	18 10 47.0 +1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BZS	Buzias	6.40 9 P	Pn	18 10 47.0 +1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
RHM	Roma	6.46 313 P	Pn	18 10 47.7 +1.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
NRCA	Norcia	6.45 306 P	Pn	18 10 47.8 +1.2	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
DST	Dursunbey	6.49 85 ePN	Pn	18 10 49.4 +2.1	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
MNS	Montasola	6.51 301 P	Pn	18 10 49.4 +1.8	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
CTT	Catalca	6.53 71 ePN	Pn	18 10 48.8 +1.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
ELBA	Catalca	6.53 71 P	Pn	18 10 46.3 -1.5	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
ANCO	Ancona	6.55 313 P	Pn	18 10 49.4 +1.8	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
KULA	Kula-Manisa	6.61 94 ePN	Pn	18 10 51.6 +2.7	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
NVLJ	Novalja	6.61 324 <i>l</i> /Pn	Pn	18 10 48.7 -0.3	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
NVLJ	Novalja	6.61 324 <i>l</i> /Pn	Pn	18 10 48.7 -0.3	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BUC1	Bucharest	6.64 39 <i>l</i> /Pn	Pn	18 10 51.9 +2.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
BUC1	Bucharest	6.64 39 <i>l</i> /Pn	Pn	18 10 51.9 +2.6	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
YER	Yerkesik	6.68 106 ePN	Pn	18 10 53.0 +3.1	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s	Pn	18 13 38.6 +0.3
CING	Cingoli	6.69 310 P	Pn	18 10 50.0 -0.0	PSZ	Piszkesteto	8.62 358 <i>l</i> /Pn	Pn	18 11 14.9 -1.5	WATA	Walderalm	comp=Z,101nm,4.0s		

Table with columns for station name, frequency, power, and other technical details. Includes stations like CORM Corum, MAMC Mammari, UBR Ueberruh, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLZ Clausthal, LOR Lormes, LOR Lormes, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ERUA La Rua, TGAT Taghat, EPON Pontonova, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NA001 NORARS Array S, EKA Eskdalemuir Ar, ESK Eskdalemuir, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MIB Mutribah, MDO Dochfour, MLA1 Latheron, etc.

TORD	Tordi Ar. Bea	30.78 217 P	P	18 15 26.9 -0.4
TORD	comp=Z,89nm,0.9s,mb5.6,baz=30,slow=8.6,SNR=123			
TORD	comp=Z,0.4nm,0.7s,baz=333,slow=5.3,SNR=41			18 20 28.9 -0.9
TORD	comp=Z,2um,19.9s,MS4.8,baz=20,slow=14			18 30 08.3
SVE	Sverdllovsk	31.59 43j eP	P	18 15 33.0 -1.0
SVE	comp=Z,203nm,1.0s,mb5.9			18 16 40.6
SVE	comp=Z,2um,12.0s,MS5.4			18 20 42.1 +0.3
HATD	Hatta, Dubai	33.42 105 P	P	18 15 48.7 -1.7
ASHO	Ashiyah	33.45 105 P	P	18 15 48.8 -1.9
FURI	Furi	34.48 147 eP	P	18 16 02.0 +2.4
HQJ	Hogain	35.01 105 P	P	18 16 02.6 -1.6
JMIC	Jan Mayen	35.03 344 P	P	18 16 04.6 +0.8
JMIC	comp=Z,47nm,0.9s,mb5.4,baz=196,slow=6.2,SNR=3.0			18 29 42.2
BORG	Borgarnes	35.03 330 P	P	18 16 04.8 +0.9
BORG	comp=Z,22nm,1.1s,mb5.0,baz=123,slow=5.8,SNR=5.4			
BORG	Borgarnes	35.03 330 eP	P	18 16 05.3 +1.4
BORG	comp=Z,74nm,1.4s,mb5.4			
BORG	Borgarnes	35.03 330 eP	P	18 16 05.3 +1.4
BORG	comp=Z,74nm,1.4s,mb5.4			
BJO	Bjornoya	35.30 360 eP	P	18 16 07.2 +1.0
BJO	comp=Z,3um,20.4s,MS5.0			18 31 10.1
BIDO	Bidbid	35.66 105 P	P	18 16 08.2 -1.6
BIDO	comp=Z,2.481nm,18.0s,MS4.3,baz=256,slow=35			
BIDO	Bidbid	35.66 105 P	P	18 16 08.1 -1.7
BIDO	comp=Z,2.47nm,0.9s,mb5.4,baz=196,slow=6.2,SNR=3.0			
ZRNK	Zerenda	35.73 51 P	P	18 16 09.3 -0.8
ZRNK	comp=Z,87nm,1.3s,mb5.5			
SMDO	Samad	35.87 106 P	P	18 16 09.9 -1.7
JMDO	Jabal Madar	36.31 106 P	P	18 16 13.6 -1.8
BRVK	Borovyoye	36.51 51 P	P	18 16 15.6 -1.1
BRVK	comp=Z,446nm,0.9s,SNR=58			
BRVK	Borovyoye	36.51 51 P	P	18 16 16.0 -0.7
BRVK	comp=Z,2.74nm,1.4s,mb5.4			
BRVK	Borovyoye	36.51 51 eP	P	18 16 15.5 -1.2
BRVK	comp=Z,76nm,0.9s,mb5.5			
BRVK	Borovyoye	36.51 51 eP	P	18 16 15.5 -1.2
BRVK	comp=Z,76nm,0.9s,mb5.5			
BVAR	Borovyoye Array	36.57 51 P	P	18 16 16.2 -1.0
BVAR	comp=Z,239nm,0.9s,mb5.1,baz=257,slow=5.9,SNR=144			
BVAR	Borovyoye Array	36.57 51 P	P	18 21 58.2 -0.7
BVAR	comp=Z,0.3nm,0.4s,baz=234,slow=4.2,SNR=1.8			
BVAR	Borovyoye Array	36.57 51 P	P	18 16 16.2 -1.1
BVAR	comp=Z,30nm,1.0s,mb5.0,baz=297,slow=9.2,SNR=16			18 21 58.2 -0.7
BVAR	Borovyoye Array	36.57 51 P	P	18 16 16.2 -1.1
BVAR	comp=Z,30nm,1.0s			
WBK	Wadi Bani Khal	36.82 105 P	P	18 16 19.2 -0.5
WBK	comp=Z,29nm,0.9s			
KK31	Karatay Array	37.55 68 P	P	18 16 24.2 -1.5
KK31	comp=Z,37nm,0.9s,mb5.1			
KBL	Kabul	38.92 81 eP	P	18 16 35.8 -1.6
KBL	comp=Z,26nm,0.9s,mb5.0			
KBL	Kabul	38.92 81 eP	P	18 16 35.8 -1.6
KBL	comp=Z,26nm,0.9s,mb5.0			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s,mb5.0,baz=297,slow=9.2,SNR=16			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,2.9nm,0.8s,baz=329,slow=47,SNR=1.8			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.1 -0.6
SPITS	comp=Z,2.9nm,0.8s,baz=329,slow=47,SNR=1.8			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 16 37.0 -0.7
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P	P	18 22 34.6 -1.0
SPITS	comp=Z,30nm,1.0s			
SPITS	Spitsbergen Ar	39.02 359 P		

FLWY	baz=86, SNR=10 Flagg Ranch 85.94 327 eP	P	18 21 53.3 +1.7
C08A	comp=Z,67nm,1.2s,mb5.8 Higginbotham F 86.04 334 eP	P	18 21 52.3 +0.3
D10A	baz=86, SNR=26 Wagner Farm, O 86.05 332 eP	P	18 21 51.4 -0.7
JOW	baz=86, SNR=7.3 Kunigami 86.06 58 P	P	18 21 49.9 -2.7
JOW	comp=Z,64nm,1.1s,mb5.8,baz=325,slow=6.6,SNR=9.5 comp=Z,23nm,1.2s,mb5.9 LR	LR	19 08 08.5
IMW	comp=Z,732nm,18.2s,M5.1,baz=308,slow=41 Indian Meadow 86.19 327 eP	P	18 21 52.9 +0.1
MCMT	comp=Z,30nm,1.1s,mb5.4 McKenzie Canyon 86.22 329 eP	P	18 21 52.0 -0.9
NLW	Nelson Butte 86.22 335 P	P	18 21 53.7 +0.8
MOOW	Moose Ponds 86.23 327 eP	P	18 21 53.7 +0.7
E11A	comp=Z,16nm,1.1s,mb5.2 Bogner Ranch, baz=86, SNR=24 86.25 331 P	P	18 21 52.6 -0.4
LOHW	Long Hollow 86.28 327 eP	P	18 21 53.8 +0.5
RWWY	Rawlins 86.30 333 eP	P	18 21 50.7 -2.8
F12A	comp=Z,26nm,1.2s,mb5.9 Elk City 86.39 321 P	P	18 21 54.0 +0.2
D09A	baz=86, SNR=54 Jones Farm, Ri 86.41 333 eP	P	18 21 54.0 +0.2
A04A	baz=86, SNR=26 Legoo Bay, Lum 86.42 336 eP	P	18 21 52.5 -1.3
WTV	Waterville 86.42 334 P	P	18 21 54.7 +0.8
C07A	Waterville 86.47 334 P	P	18 21 54.3 +0.4
E10A	baz=86, SNR=23 Myers Farm, Un 86.47 332 eP	P	18 21 53.6 -0.5
BW06	Boulder Array 86.51 325 eP	P	18 21 53.8 -0.6
TPAW	comp=Z,25nm,1.4s,mb5.9 Teton Pass 86.53 327 eP	P	18 21 55.6 +1.1
DCIDI	Drake Creek 86.54 327 eP	P	18 21 55.0 +1.4
G13A	Cobalt 86.55 330 eP	P	18 21 55.0 +0.4
REDW	Red Top Meadow 86.59 327 eP	P	18 21 55.2 +0.4
EPH	Ephrata 86.60 334 P	P	18 21 55.7 +0.9
F11A	Grangeville 86.62 333 eP	P	18 21 54.0 -0.9
D08A	Wollman Farm, baz=86, SNR=9.5 86.63 333 eP	P	18 21 55.0 +0.1
B05A	Bryant 86.63 336 eP	P	18 21 54.1 -0.8
JCW	Jim Creek 86.64 336 P	P	18 21 54.5 -0.4
E09A	Wood Farm, Sta 86.62 333 eP	P	18 21 55.7 -0.2
D07A	Quincy 86.67 334 eP	P	18 21 56.5 +0.4
F10A	Beach Ranch, E 86.95 332 P	P	18 21 56.5 -0.1
C05A	Tolt Reservoir 87.00 335 P	P	18 21 56.4 -0.3
ISCO	Idaho Springs 87.02 321 eP	P	18 21 57.4 +0.4
ISCO	comp=Z,7.0nm,0.8s,mb4.9 Idaho Springs 87.02 321 eP	P	18 21 57.4 +0.4
G11A	comp=Z,7.3nm,0.8s,mb5.0 Walters Elk Ra 87.08 331 eP	P	18 21 56.0 -1.2
D06A	Cle Elum 87.16 335 eP	P	18 21 57.3 -0.2
E08A	Dider Farm, El 87.16 333 eP	P	18 21 57.5 -0.1
AHID	Auburn Hatcher 87.18 326 P	P	18 21 57.2 -0.5
GBL	Gable Mountain 87.21 333 P	P	18 21 58.8 +1.0
H12A	Diamond D Ranc 87.25 330 P	P	18 21 58.2 +0.2
B04A	Port Angeles 87.25 337 eP	P	18 21 57.9 -0.1
E07A	Sunnyside 87.38 334 eP	P	18 21 56.9 -1.7
C04A	Brinnon 87.39 336 eP	P	18 21 58.9 +0.3
SNWA	Snively Ranch 87.39 334 P	P	18 22 00.0 +1.3
HAWA	Hanford 87.41 332 eP	P	18 21 59.5 +0.7
F09A	S2 Ranch, Elgi 87.42 332 eP	P	18 21 58.4 -0.4
I13A	Wildhorse Cree 87.49 329 eP	P	18 21 59.5 +0.4
G10A	Bishop Farm, J 87.49 331 P	P	18 21 58.5 -0.7
D05A	Enumclaw 87.54 335 eP	P	18 21 59.0 -0.3
F08A	Pendleton 87.66 333 eP	P	18 22 00.3 +0.3
C03A	Quillayute Air 87.67 337 eP	P	18 22 00.9 +0.9
G09A	Cove 87.74 332 eP	P	18 21 59.8 -0.5
E06A	Yakima 87.77 334 eP	P	18 22 00.7 +0.2
D04A	baz=87, SNR=9.2 Dobbs Creek Ra 87.87 326 eP	P	18 22 00.7 -0.2
HLID	Hailey 87.90 329 eP	P	18 22 01.0 -0.1
HLID	Hailey 87.90 329 eP	P	18 22 01.1 0.0
BMO	comp=Z,7.7nm,1.1s,mb5.8 Blue Mountains 87.93 331 eP	P	18 22 00.7 -0.5
H13A	Cove Ranch, Pi 87.94 329 eP	P	18 22 01.3 0.0
J10A	Noah's Angus R 87.95 331 eP	P	18 22 00.6 -0.8
NLWA	Neilton Lookou 87.96 337 eP	P	18 22 00.5 -0.8
F07A	Phinny Hill Vi 87.98 333 eP	P	18 22 02.0 +0.6
E05A	Randle 88.02 335 eP	P	18 22 01.3 -0.3
G08A	Pilot Fork 88.16 333 eP	P	18 22 01.9 -0.4
SMCO	Snowmass 88.17 322 eP	P	18 22 02.8 +0.3
D03A	Wishkah Elem. 88.17 336 eP	P	18 22 01.0 -1.3
H09A	Durkee 88.22 331 eP	P	18 22 02.1 -0.5
K14A	Jones Ranch, D 88.24 328 eP	P	18 22 03.4 +0.6
E04A	Onalaska 88.30 335 eP	P	18 22 03.2 +0.2
HWUT	Hardware Ranch 88.32 326 eP	P	18 22 03.2 +0.1
F06A	comp=Z,33nm,0.9s,mb5.6 Goldieale 88.39 334 eP	P	18 22 03.3 -0.1
I10A	Payette 88.39 331 eP	P	18 22 03.8 +0.3
G07A	Ruggs Ranch, H 88.43 333 eP	P	18 22 03.6 -0.1
J12A	Stokes Ranch, baz=88 88.43 329 eP	P	18 22 04.0 +0.4
F05A	White Salmon 88.51 334 eP	P	18 22 04.3 +0.3
K13A	Stover Farm, H 88.53 328 eP	P	18 22 04.9 +0.7
FL2	Flat Top Z 88.53 335 P	P	18 22 05.0 +0.9
SDCO	Great Salt Dun 88.56 320 eP	P	18 22 04.2 -0.2
MFID	Camas Ranch 88.58 330 eP	P	18 22 04.6 +0.2
E03A	Lebam 88.61 336 eP	P	18 22 04.8 +0.3
HVU	Hansel Valley 88.70 327 eP	P	18 22 05.3 +0.3
HVU	comp=Z,34nm,1.1s,mb5.6 Hansel Valley 88.70 327 eP	P	18 22 05.3 +0.4
H08A	comp=Z,34nm,1.1s,mb5.6 Prairie City 88.72 332 eP	P	18 22 04.7 -0.3
F04A	Amboy 88.79 335 eP	P	18 22 05.0 -0.3
G06A	Carlson Farm, baz=88, SNR=8.3 88.80 334 P	P	18 22 06.3 +0.9
M15A	Larsen Ranch, baz=88 88.82 326 eP	P	18 22 05.4 -0.1
K12A	Draper Farm, C 88.87 329 eP	P	18 22 06.5 +0.7
L13A	Double Diamond 88.93 328 eP	P	18 22 05.7 -0.4
J10A	Berg Farm, Mel 88.94 330 eP	P	18 22 05.9 -0.2
SPUT	baz=89 South Promonto 88.95 326 P	P	18 22 07.8 +1.7
HKT	Hockley 89.01 309 eP	P	18 22 07.5 +0.8
HKT	comp=Z,35nm,1.3s,mb5.5 Hockley 89.01 309 eP	P	18 22 07.5 +0.8
JLU	Jordanelle 89.09 325 eP	P	18 22 04.4 -2.5
H06A	Lindquist Farm 89.13 333 eP	P	18 22 07.5 +0.5
CTU	Camp Tracy 89.15 326 eP	P	18 22 06.8 -0.3
DAU	comp=Z,32nm,1.1s,mb5.6 Daniels Canyon 89.16 325 eP	P	18 22 07.6 +0.5
M14A	Sheep Mountain 89.17 327 eP	P	18 22 07.8 +0.7
I08A	Drewsey 89.21 332 eP	P	18 22 06.8 -0.5
K11A	Parker Ranch, baz=89, SNR=7.7 89.21 329 eP	P	18 22 07.6 +0.2
RW3	Ridgway 89.24 322 eP	P	18 22 00.7 -6.9
N15A	Stansbury Isla 89.32 326 eP	P	18 22 07.8 -0.1
J09A	Fry Pan Ranch, baz=89, SNR=29 89.39 331 P	P	18 22 09.1 +0.9
Q19A	Hogan Spring (C 89.42 323 P	P	18 22 08.3 -0.1
G04A	Mulino 89.45 335 eP	P	18 22 08.5 0.0
BGU	Big Grassy Mou 89.51 327 eP	P	18 22 09.8 +0.2
H05A	Madras 89.52 334 eP	P	18 22 09.3 +0.5
K10A	MacKenzie Ranc 89.53 330 eP	P	18 22 09.2 +0.3
L11A	Cat Creek Ranc 89.61 329 P	P	18 22 10.5 +1.3
G03A	Yamhill 89.62 335 eP	P	18 22 09.7 +0.5
M13A	Montello 89.63 327 eP	P	18 22 10.2 +0.9
N14A	Grayback Hills 89.64 327 eP	P	18 22 09.8 +0.4
J08A	Circle Bar Ran 89.65 331 P	P	18 22 09.6 +0.2
PV01	Paradox Valley 89.75 322 eP	P	18 22 10.0 0.0
I06A	Prineville 89.77 333 eP	P	18 22 10.9 +0.9
PV10	Paradox Valley 89.78 323 eP	P	18 22 10.6 +0.5
H04A	Detroit Lake 89.81 334 eP	P	18 22 09.4 -0.7
SRU	San Rafael 89.88 324 eP	P	18 22 10.2 -0.4
SRU	comp=Z,25nm,1.1s,mb5.5 San Rafael 89.88 324 eP	P	18 22 10.2 -0.4
SRU	comp=Z,24nm,1.1s,mb5.5 North Lily Min 89.89 325 eP	P	18 22 10.9 +0.3
NLU	Wells 89.89 328 eP	P	18 22 10.9 +0.4
M12A	baz=90, SNR=24 Wells 89.89 328 eP	P	18 22 10.9 +0.4
K09A	Rome 89.93 330 P	P	18 22 11.8 +1.1
J07A	Hines 89.94 332 eP	P	18 22 10.9 +0.2
I05A	Bend 89.95 333 eP	P	18 22 11.2 +0.4
L10A	Juniper Basin 89.97 329 eP	P	18 22 11.6 +0.7
P16A	Fountain Green 89.99 325 eP	P	18 22 11.3 +0.3
DUG	Dugway 90.02 326 eP	P	18 22 11.4 +0.2
DUG	comp=Z,35nm,1.1s,mb5.6 Dugway 90.02 326 eP	P	18 22 11.4 +0.3
DUG	comp=Z,35nm,1.1s,mb5.6 Dugway 90.02 326 eP	P	18 22 11.3 +0.2
TMUT	Trail Mountain 90.04 324 eP	P	18 22 11.2 -0.1
N13A	Wendover, West 90.07 327 eP	P	18 22 11.9 +0.5
R18A	Canyonlands Na 90.18 323 eP	P	18 22 11.6 -0.3
K08A	Mann Creek Ran 90.19 331 eP	P	18 22 12.5 +0.6
M11A	Holland Ranch, baz=90, SNR=14 90.24 329 eP	P	18 22 13.3 +1.1
BROR	Big Rock Looko 90.27 334 P	P	18 22 13.0 +0.7
P15A	Leamington 90.30 325 eP	P	18 22 12.8 +0.3
S19A	Harvey Farm, M 90.33 322 P	P	18 22 13.1 +0.4
Q16A	Castle Valley 90.33 324 eP	P	18 22 12.8 +0.1
J06A	Christmas Vall 90.36 332 eP	P	18 22 13.7 +1.0
H02A	Toledo 90.42 335 eP	P	18 22 14.2 +1.3
N12A	Clover Valley, baz=90 90.42 328 eP	P	18 22 13.1 +0.1
MVCO	Mesa Verde 90.45 321 eP	P	18 22 13.8 +0.6
MVCO	Mesa Verde 90.45 321 eP	P	18 22 13.6 +0.3
M10A	LL Ranch, Tu 90.46 329 eP	P	18 22 13.8 +0.6
H09A	Wilkinson Ranc 90.48 330 eP	P	18 22 14.1 +0.8
ROSC	El Rosal 90.50 277 LR	LR	18 59 10.9
WVOR	comp=Z,27nm,20.4s,M5.4,baz=27,slow=33 Wild Horse Val 90.50 331 eP	P	18 22 13.6 +0.2
WVOR	comp=Z,17nm,1.1s,mb5.3 Wild Horse Val 90.50 331 eP	P	18 22 13.6 +0.2
WVOR	comp=Z,17nm,1.1s,mb5.3 Wild Horse Val 90.50 331 eP	P	18 22 13.6 +0.2
K07A	Rock Creek Ran 90.51 331 P	P	18 22 14.4 +1.0
Q13A	Hicks Ranch, I 90.57 327 eP	P	18 22 14.6 +0.9
ELK	Elko 90.59 328 eP	P	18 22 13.9 +0.1
ELK	comp=Z,24nm,1.3s Elko 90.59 328 eP	P	18 22 13.9 +0.1
L08A	Fields 90.60 331 P	P	18 22 15.0 +1.2
P14A	Drum Mountains 90.63 326 eP	P	18 22 14.7 +0.6
I04A	Terck Fork, baz=90, SNR=28 90.67 334 eP	P	18 22 14.1 -0.1
J05A	Fort Rock 90.71 333 P	P	18 22 15.5 +1.2
N11A	Elko Archery C 90.73 328 eP	P	18 22 15.5 +1.1
K06A	Valley Falls 90.78 332 eP	P	18 22 15.5 +0.8
S18A	Hurst Farm, Bl 90.78 323 eP	P	18 22 14.7 -0.1
I03A	Eugene 90.81 335 eP	P	18 22 15.9 +1.1
Q15A	Fillmore 90.81 325 eP	P	18 22 15.4 +0.5
M09A	Marrel Ranch, baz=91 90.91 330 eP	P	18 22 16.4 +1.1
JCT	Junction City 90.98 312 eP	P	18 22 16.6 +0.8
JCT	comp=Z,74nm,1.6s,mb5.8 Junction City 90.98 312 eP	P	18 22 16.6 +0.7
J04A	comp=Z,74nm,1.6s,mb5.8 Umpqua Nationa 91.06 333 eP	P	18 22 16.0 0.0
K05A	Summer Lake 91.08 332 eP	P	18 22 16.7 +0.7
MSU	Marysville 91.12 325 eP	P	18 22 16.9 +0.6
L07A	Adell 91.12 331 P	P	18 22 18.0 +1.7
N10A	comp=Z,1.1nm,0.8s,baz=204,slow=5.9,SNR=5.4 Dunphy 91.13 329 eP	P	18 22 16.9 +0.6
P13A	Bates Ranch, G 91.15 326 eP	P	18 22 16.9 +0.5
T18A	Mexican Hat 91.17 322 eP	P	18 22 16.6 0.0
Q14A	Sevier Lake (B 91.22 326 eP	P	18 22 17.4 +0.6
ANMO	Albuquerque 91.22 319 eP	P	18 22 16.9 0.0
ANMO	comp=Z,10.0nm,1.3s Albuquerque 91.22 319 eP	P	18 22 16.9 0.0
M08A	comp=Z,9.9nm,1.3s,mb5.0 Happy Creek Ra 91.25 330 eP	P	18 22 17.9 +1.1
R15A	Junction 91.41 324 eP	P	18 22 18.4 +0.7
N09A	Rock Creek Ran 91.42 329 P	P	18 22 18.9 +1.2
J02A	Umpqua 91.44 334 eP	P	18 22 18.4 +0.6
K04A	Chilquin 91.48 333 eP	P	18 22 18.2 +0.3
O10A	Cortez Mining, baz=91 91.52 328 eP	P	18 22 18.8 +0.8
P12A	McGill 91.49 327 eP	P	18 22 18.8 +0.6
Q13A	Wheeler Ranch, baz=91, SNR=12 91.57 326 eP	P	18 22 19.0 +0.6
MOD	Modoc 91.58 332 eP	P	18 22 18.4 0.0
MOD	Modoc 91.58 332 eP	P	18 22 19.1 +0.7
M07A	Soldier Meadow 91.60 331 eP	P	18 22 19.6 +1.0
L05A	Lakeview 91.65 332 eP	P	18 22 19.0 +0.3
N08A	baz=91, SNR=13 GE Springer Ml 91.72 330 eP	P	18 22 20.0 +0.9
U18A	Rough Rock, Ch 91.74 322 eP	P	18 22 19.6 +0.3
P11A	Circle Ranch, baz=92, SNR=25 91.81 327 eP	P	18 22 19.8 +0.3
LPM	Los Pinos Moun 91.81 319 eP	P	18 22 17.1 -2.5
O09A	Fish Creek Ran 91.87 329 eP	P	18 22 19.9 +0.1
S15A	Panguitch 91.89 324 eP	P	18 22 20.8 +0.9
HUMO	Hull Mountain 91.91 334 eP	P	18 22 19.5 -0.4
V19A	Window Rock 91.91 321 eP	P	18 22 19.7 -0.3
L04A	Klamath Falls 91.92 333 eP	P	18 22 19.7 -0.2

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IJSCB 29 19:06:56.6, 0.8, 3929N, 003:2017E, 007, h10km, Error...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for VLS Valsamata, VLS Valsamata, VLS Valsamata...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for GSPH General Santos, MATI Mati, DAV Davao City (W)...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for TIR 29 19:17:13.4, 27.0, 4080N-2073E, h6km, 999km...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NSSP 29 19:44:36.6, 41.17N-4365E, h15km, ML3.2...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for DDA 29 19:20:55.1, 3955N-3299E, h7km, 98km, MD3.5...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for BIA Bitola, BIA Bitola, BIA Bitola...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for AKH Akhalkalaki, AKH Kars, AKH Kars...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IJSCB 29 19:22:24.1, 0.6, 3927N, 003:2014E, 006, h10km, Error...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NEIC 29 19:40:07.7, 3927N-2011E, h6km, MD3.2(ATH)...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RYFY Refroy, ECH Echery, THEF They Montfort, etc.

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

Table with columns: BUKP Musuan, PLP Palo, MATI Mati, etc. Includes station codes and coordinates.

IDC 29 21:39:48.2.3.5, 3118S-17792W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/13, mbtmp3.7/2, Error ellipse: s-maj=79.7km s-min=27.2km az=117.0, Kermadec islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, etc.

ISCJB 29 21:40:00.8.0.4, 3926N-202.2022E.003, h3km, Error ellipse: s-maj=3.8km s-min=2.8km az=178.7, NEIC 29 21:40:00.8, 3927N-202.8E, h21km, MD3.5(ATH), After ATH.

ATH 29 21:40:00.8, 3927N-202.8E, h21km, 4km, MD3.5/5 CSEM 29 21:40:01.5.0.2, 3930N-202.4E, h0km, 2km, ML3.5, Error ellipse: s-maj=5.0km s-min=2.4km az=68.0, THE 29 21:40:01.7, 3926N-202.6E, h3km, ML3.5, ISC 29 21:40:01.3.0.5, 3927N-202.2025E.003, h0km, 4km, n39, c1913/56, 1D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

TIR 29 21:41:23.2.10.0, 3871N-1967E, h70km, h70km, ISCJB 29 21:41:32.2.1.3, 3931N-003.2009E.009, h10km, Error ellipse: s-maj=10.0km s-min=4.2km az=6.5, THE 29 21:41:34.2, 3927N-201.8E, h3km, ML3.2, CSEM 29 21:41:34.2, 3927N-201.8E, h3km, ML3.2, After THE, NEIC 29 21:41:34.2, 3927N-201.8E, h0km, ML3.2(THE), After THE.

ISC 29 21:41:33.1.1.3, 3931N-003.2011E.010, h9km, 8km, n11, c075/20, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumenitsa, LKD Levkas, VLS Valsamata, etc.

IDC 29 21:47:42.6.1.7, 592S-13097E, h0km, mb4.3/2, mb1 4.6/5, mb1mx4.0/14, mbtmp4.5/5, ML4.6/3, Error ellipse: s-maj=90.5km s-min=23.6km az=73.0, NEIC 29 21:47:53.8.3.1, 619S-13053E, h89km, 30km, mb4.0/2, Error ellipse: s-maj=32.0km s-min=21.7km az=65.0, ISCJB 29 21:47:59.3.2.0, 67S-0.1.13071E-008, h182km, 22km, mb4.0/3, Error ellipse: s-maj=18.9km s-min=12.0km az=18.5, ISC 29 21:47:46.3.4.3, 600S-008.13089E.009, h26km, 33km, n15, c0963/19, mb4.2/3, 1D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KAKA Kakadu, BATI Baunata, FITZ Fitzroy Crossi, etc.

Table with columns: FITZ Fitzroy Crossi, WRAB Tennant Creek, WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MBWA Marble Bar, STKA Stephens Creek, STKA Stephens Creek, MK31 Makanchi Array, MKAR Makanchi Array, KBL Kambalda, etc.

ATH 29 21:51:30.2, 3909N-203.0E, h25km, 3km, MD3.5/4 TIR 29 21:51:34.5.2.5, 3931N-203.0E, h4km, 10km, CSEM 29 21:51:35.7.0.2, 3931N-202.2E, h5km, ML3.5, Error ellipse: s-maj=4.0km s-min=2.6km az=68.0, ISCJB 29 21:51:35.7.0.7, 3929N-203.0.2016E.006, h10km, Error ellipse: s-maj=6.4km s-min=4.2km az=165.4, THE 29 21:51:35.8, 3928N-202.0E, h0km, ML3.5, NEIC 29 21:51:35.8, 3928N-202.0E, h0km, ML3.5(THE), After THE.

ISC 29 21:51:36.2.0.6, 3928N-003.2023E.005, h10km, n20, c1932/33, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

CSEM 29 22:11:14.8.0.2, 3855N-1962E, h10km, ML3.2, Error ellipse: s-maj=7.8km s-min=2.8km az=39.0, ATH 29 22:11:26.5, 3813N-203.9E, h13km, MD3.3/4, THE 29 22:11:26.2, 3832N-203.6E, h3km, ML3.2, ISC 29 22:11:25.1.3.4, 3829N-007.203E.02, h6km, 17km, n8, c0969/12, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VLS Valsamata, ANN Anninata, LKD Levkas, etc.

ISCJB 29 22:18:13.7.3.5, 5106N-007.17652W.009, h5km, 24km, mb3.9/4, Error ellipse: s-maj=12.2km s-min=9.4km az=175.9, NEIC 29 22:18:19.2.0.8, 5123N-17670W, h35km, mb4.2/2, Error ellipse: s-maj=18.3km s-min=8.9km az=159.0, IDC 29 22:18:22.6.2.1, 4957N-17806W, h0km, mb3.5/2, mb1 3.9/3, mb1mx3.5/22, mbtmp3.7/3, ML3.2/1, MS2.6/1, MS1 2.6/1, ms1mx2.3/30, Error ellipse: s-maj=72.0km s-min=65.5km az=105.0, ISC 29 22:18:20.0.1.6, 5131N-02.1767W.01, h44km, 18km, n14, c094/16, mb3.9/4, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ADK Adak, AMKA Amchitka, OKCE Okmok Cone E, SMY Shemya, UNALAS Unalaska Valle, SPA Saint Paul Is, SVW2 Sparrevohn, PETK Petropavlovsk, etc.

BJI 29 22:21:05.8, 3880N-1947E, h10km, mb5.0, mb4.7, Ms4.8 PRU 29 22:21:10.8, 3915N-1957E, h0km, M4.5, LDG 29 22:21:11.8, 0.2, 3943N-204.3E, h10km, Mb4.9/43, Ms3.9/9, Error ellipse: s-maj=12.5km s-min=5.9km az=20.0, BGS 29 22:21:11.2.2.0, 3918N-207E, h10km, mb4.8, MS3.8, BEO 29 22:21:12.7, 3928N-201.6E, h20km, 1km, MD4.5/11, ML4.8, THE 29 22:21:12.2, 3927N-199.6E, h3km, ML3.1, ISCJB 29 22:21:13.2.0.3, 3932N-001.2019E.001, h12km, 2km, mb4.8/99, MS4.2/37, Error ellipse: s-maj=1.8km s-min=1.4km az=29.6, NEIC 29 22:21:13.8, 3931N-201.6E, h0km, mb4.5/75, MS4.2/1, ML4.5(PDG), ML4.8(ATH), ML5.1(THE), After THE, GCMT 29 22:21:13.8.0.3, 3924N-201.0E, h14km, 1km, MW4.8/60, Moment Tensor Solution, s17.025; s60.095; Duration: 0 Moment tensor: Scale 1016N; Mr1.39; 13; Mw=0.43; 09; Mw=0.92; 09; Mw=0.97; 20; Mw=1.66; 06; Mw=0.64; 18; Best double couple: M2.2500x1016

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

NP1: 344.00000°; 834.00000°; 127.00000°. NP2: 122.00000°; 863.00000°; 168.00000°. Principal axes: T 1.8160, Plg65.0000°, Azm354.0000°, N 0.8730, Plg20.0000°, Azm133.0000°, P -2.6850, Plg15.0000°, Azm228.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

PDG 29 22:21:13.5:0.7, 3931N:2017E, h1km, 2km, MD5,0/9, ML4.5/10 Error ellipse: s-maj=1.4km s-min=1.6km az=0.0

IDC 29 22:21:14.8:2.3, 3936N:2031E, h1km, 4km, mb4.5/25, mb1 4.6/36, mb1mx4.5/41, mb1mp4.5/36, ML4.4/11, MS4.1/24, Ms1 4.1/24, ms1mx4.0/39, Error ellipse: s-maj=8.0km s-min=7.7km az=4.0

CSEM 29 22:21:14.9:0.0, 3940N:2016E, h20km, mb4.8/16, Ms4.1, Mw4.8, Error ellipse: s-maj=1.3km s-min=0.8km az=27.0

MOS 29 22:21:15.6:1.2, 3943N:2020E, h27km, mb5.0/23, MS4.3/15, Error ellipse: s-maj=3.3km s-min=2.1km az=106.6

TIR 29 22:21:21.4:7.2, 4011N:2017E, h6km, 35km

DJA 29 22:21:40, 3875N:2134E, h151km, mb4.8/15

HLW 29 22:22:18.0, 3591N:2468E, h16km, Mb4.2

SZGRF 29 22:24:08.6, 3950N:2000E, h33km, mb3.7

Greece-Albania border region
 ISC 29 22:21:15.1:0.3, 3930N:2010E, 0010.2023E, 001, h13km, 2km, n87, r183/955, mb4.8/39, MS4.2/37, 68C-50D,
 Greece-Albania border region

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
					h	m	s
IGT	Igoumenitsa	0.25	19	ePg	Pg	22:21	18.3 -2.0
IGT	Igoumenitsa	0.53	321	eSg	Sg	22:21	23.8 0.0
KEK	Kerkira	0.53	321	eSg	Sg	22:21	23.8 0.0
KEK	Kerkira	0.53	321	ePb	Pb	22:21	24.0 -2.2
JAN	Janina	0.60	53	ePb	Pb	22:21	25.0 -2.4
JAN	Janina	0.60	53	eSg	Sg	22:21	24.7 0.0
JAN	Janina	0.60	53	ePg	Pg	22:21	24.5 -2.3
SRN	Sarande	0.61	343	ePb	Pb	22:21	25.5 -1.3
SRN	Sarande	0.61	343	eSg	Sg	22:21	24.0 -2.7
LKD	Levkas	0.68	151	ePg	Pg	22:21	26.8 -1.4
LKD	Levkas	0.68	151	eSg	Sg	22:21	38.7 +1.6
MEV	Metsovon	0.91	58	ePg	Pg	22:21	30.4 -2.3
TPE	Tepelena	1.01	351	ePg	Pg	22:21	35.8 +1.3
VLS	Valsamata	1.16	166	ePg	Pg	22:21	35.9 -2.1
VLS	Valsamata	1.16	166	eSg	Sg	22:21	35.3 -1.6
VLS	Valsamata	1.16	166	ePb	Pb	22:21	35.3 -1.6
VLS	Valsamata	1.16	166	ePb	Pb	22:21	50.9 -1.7
VLS	Valsamata	1.16	166	ePb	Pb	22:21	35.0 -1.9
VLS	Valsamata	1.16	166	ePb	Pb	22:21	35.3 -1.6
VLS	Valsamata	1.16	166	eSg	Sg	22:21	53.2 +0.8
KFA	Annitana	1.27	160	ePb	Pb	22:21	37.7 -1.6
EVR	Evyrytiana	1.29	107	ePb	Pb	22:21	38.0 -0.8
EVR	Evyrytiana	1.29	107	eSb	Sb	22:21	54.5 -1.4
EVR	Evyrytiana	1.29	107	ePb	Pb	22:21	37.4 -1.8
VLO	Vlora	1.30	334	ePb	Pb	22:21	41.6 +1.6
KBN	Korca	1.39	18	ePb	Pb	22:21	42.9 +2.7
THL	Klokotos Trika	1.41	79	ePb	Pb	22:21	40.4 0.0
THL	Klokotos Trika	1.41	79	eSb	Sb	22:21	59.8 +1.0
THL	Klokotos Trika	1.41	79	ePg	Pg	22:21	41.5 -0.6
KZN	Kozani	1.56	49	ePb	Pb	22:21	42.1 -0.4
KZN	Kozani	1.56	49	eSb	Sb	22:21	63.0 +0.5
KZN	Kozani	1.56	49	ePb	Pb	22:21	43.1 +0.6
RLS	Riolos of Patr	1.57	142	ePb	Pb	22:21	42.4 -0.3
RLS	Riolos of Patr	1.57	142	eSb	Sb	22:22	02.3 -0.6
RLS	Riolos of Patr	1.57	142	ePb	Pb	22:21	43.5 +0.8
AGG	Agios Georgios	1.66	99	ePb	Pb	22:21	43.7 -1.8
AGG	Agios Georgios	1.66	99	eSb	Sb	22:21	42.9 +2.3
FNA	Florina	1.73	30	ePb	Pb	22:21	44.8 -1.8
FNA	Florina	1.73	30	eSb	Sb	22:22	09.8 +1.6
OHR	Ohrid	1.86	13	ePb	Pb	22:21	47.9 -1.0
OHR	Ohrid	1.86	13	ePb	Pb	22:21	48.0 +1.3
OHR	Ohrid	1.86	13	ePb	Pb	22:21	47.9 +1.2
BIA	Bitola	1.91	26	ePb	Pb	22:21	47.4 +0.4
BIA	Bitola	1.91	26	eSb	Sb	22:22	15.2 +4.0
BIA	Bitola	1.91	26	ePb	Pb	22:21	48.4 +1.1
LIT	Litohoron	1.92	65	ePb	Pb	22:21	48.3 +0.9
LIT	Litohoron	1.92	65	eSb	Sb	22:21	57.7 +4.2
TIR	Tirane	2.06	352	ePb	Pb	22:21	50.1 +0.6
TIR	Tirane	2.06	352	ePb	Pb	22:21	50.3 +0.9
KRUS	Krusevo	2.21	201	ePb	Pb	22:21	52.9 +1.4
KRUS	Krusevo	2.21	201	ePb	Pb	22:21	52.8 +1.4
QSH	Qafa e Shtames	2.32	354	ePb	Pb	22:21	54.5 +2.7
XOR	Xorichti	2.30	87	ePb	Pb	22:21	54.5 +1.8
NEO	Neokhorji	2.32	89	ePb	Pb	22:21	57.0 +2.3
NEO	Neokhorji	2.32	89	ePg	Pg	22:21	56.0 -3.6
GRG	Griva	2.35	44	ePb	Pb	22:21	53.0 -0.3
PHP	Peshkopia	2.39	4	ePb	Pb	22:21	54.7 +0.8
THE	Thessaloniki	2.49	57	ePb	Pb	22:21	55.4 +0.1
LTK	Loutrikif	2.49	120	ePb	Pb	22:21	55.8 +0.5
ITHI	Ithomi	2.50	147	ePb	Pb	22:21	57.2 +1.7
ITHI	Ithomi	2.50	147	ePb	Pb	22:21	55.9 -0.3
HORT	Hortiatiss	2.56	59	ePb	Pb	22:21	55.9 +0.3
HORT	Hortiatiss	2.56	59	eSb	Sb	22:22	30.2 +2.9
VLX	Vlachokerasia	2.56	138	ePb	Pb	22:21	57.0 +0.7
PEI	Peza di Greco	2.61	113	ePb	Pb	22:21	57.1 -0.1
PYL	PYLLOS	2.68	153	ePb	Pb	22:21	58.3 +0.4
TIP	Timpagrande	2.70	269	ePb	Pb	22:21	58.7 +0.6
TIP	Timpagrande	2.70	269	ePb	Pb	22:21	58.7 +0.6
PLG	Polygyros	2.70	66	ePb	Pb	22:21	58.8 +0.7
PLG	Polygyros	2.70	66	eSb	Sb	22:22	31.3 +0.6
PLG	Polygyros	2.70	66	ePb	Pb	22:21	48.3 +0.6
PLG	Polygyros	2.70	66	eSb	Sb	22:21	31.2 +0.5
PAIG	Paliouri	2.74	76	ePb	Pb	22:21	58.3 -0.4
PAIG	Paliouri	2.74	76	eSb	Sb	22:22	34.9 +3.2
PUK	Puka	2.75	355	ePb	Pb	22:21	59.0 +0.1
KNT	Kendrikon	2.76	47	ePb	Pb	22:21	58.8 -0.4
KNT	Kendrikon	2.76	47	ePb	Pb	22:21	58.4 -0.1
KNT	Kendrikon	2.76	47	ePb	Pb	22:21	59.4 +0.3
KNT	Kendrikon	2.76	47	ePb	Pb	22:21	59.4 +0.4
ULC	Ulcinj	2.76	345	ePb	Pb	22:21	58.0 -1.0
ULC	Ulcinj	2.76	345	eSb	Sb	22:22	33.9 +1.6
SDA	Shkodra	2.81	349	ePb	Pb	22:22	00.1 +0.5
STIP	Stip	2.82	31	ePb	Pb	22:22	00.6 +0.7
STIP	Stip	2.82	31	ePb	Pb	22:22	00.6 +0.7
SKO	Skopje	2.82	19	ePb	Pb	22:22	00.8 +0.9
SKO	Skopje	2.82	19	ePb	Pb	22:22	01.2 +1.3
AOS	Alonissos	2.84	91	ePb	Pb	22:22	00.5 +0.4
AOS	Alonissos	2.84	91	ePb	Pb	22:22	00.5 +0.4
AOS	Alonissos	2.84	91	ePb	Pb	22:22	00.0 -0.1
AOS	Alonissos	2.84	91	ePb	Pb	22:22	00.5 +0.4
AOS	Alonissos	2.84	91	ePb	Pb	22:22	00.0 -0.1
SOH	Sokhos	2.84	57	ePb	Pb	22:22	00.6 +0.5
SOH	Sokhos	2.84	57	eSb	Sb	22:22	38.9 +4.8
DID	Didima	2.96	126	ePb	Pb	22:22	04.4 +0.6
ATH	Athens Observa	3.04	115	ePb	Pb	22:22	03.5 +0.7
ATH	Athens Observa	3.04	115	ePb	Pb	22:22	03.5 +0.7
BCI	Bajram Curri	3.07	358	ePb	Pb	22:22	04.3 +1.1
OUR	Ouranopolis	3.07	69	ePb	Pb	22:22	03.5 +0.2
PTI	Penitisi	3.13	301	ePb	Pb	22:22	04.4 +0.2
SGI	Sgolgore (BA)	3.14	306	ePb	Pb	22:22	04.4 +0.2
BAI	Bari	3.14	306	ePb	Pb	22:22	05.2 +1.0
KVR	Kavouri	3.14	117	ePb	Pb	22:22	05.5 +1.3
KVR	Kavouri	3.14	117	ePb	Pb	22:22	04.2 -0.2
SRS	Serral	3.15	94	ePb	Pb	22:22	04.7 +0.7
BUM	Brajici-Budva	3.16	342	ePb	Pb	22:22	04.3 +1.3
BUM	Brajici-Budva	3.16	342	ePb	Pb	22:22	03.8 -0.7
BUM	Brajici-Budva	3.16	342	ePb	Pb	22:22	04.3 +1.3
PDG	Podgorica	3.21	347	ePb	Pb	22:22	04.7 -0.5
PDG	Podgorica	3.21	347	eSb	Sb	22:22	44.2 +0.5
TTG	Titograd	3.21	347	ePb	Pb	22:22	04.7 +0.5
TTG	Titograd	3.21	347	eSb	Sb	22:22	44.2 +0.5
PVY	Plav	3.30	357	ePb	Pb	22:22	07.1 +0.7
PVY	Plav	3.30	357	eSb	Sb	22:22	46.7 +1.2
PVY	Plav	3.30	357	ePb	Pb	22:22	07.1 +0.7
PVY	Plav	3.30	357	eSb	Sb	22:22	46.7 +1.2
VLI	Veliai	3.35	139	ePb	Pb	22:22	07.8 +0.7
VLI	Veliai	3.35	139	eSb	Sb	22:22	46.4 -0.3
VLI	Veliai	3.35	139	ePb	Pb	22:22	08.0 +0.9
KKB	Krupnik	3.36	39	ePb	Pb	22:22	08.7 +1.4
HCY	Herceg Novi	3.41	338	ePb	Pb	22:22	06.6 -1.3
HCY	Herceg Novi	3.41	338	eSb	Sb	22:22	49.1 +0.5
NVR	Neurokopi	3.45	52	ePb	Pb	22:22	08.9 +0.4
CUC	Castroucco	3.48	283	ePb	Pb	22:22	11.4 +2.6
CUC	Castel del Mon	3.51	302	ePb	Pb	22:22	05.1 -4.3
MMB	Musomiste	3.52	48	ePb	Pb	22:22	09.6 +0.2
CEL	Celeste	3.54	254	ePb	Pb	22:22	09.7 -0.1
BER	Berane	3.58	356	ePb	Pb	22:22	11.0 +0.8
BEY	Berane	3.58	356	eSg	Sg	22:22	53.0 +0.7

IVA	Berane	3.58	356	ePb	Pb	22:22	11.0 +0.8
IVA	Berane	3.58	356	eSb	Sb	22:22	53.0 +0.7
NKY	Niksic	3.63	346	ePb	Pb	22:22	10.3 -0.7
NKY	Niksic	3.63	346	eSb	Sb	22:22	54.6 +0.9
BARS	Barje	3.71	181	ePb	Pb	22:22	12.2 +0.1
BARS	Barje	3.71	181	eSb	Sb	22:22	57.1 +1.7
KYTH	Kithira	3.75	143	ePb	Pb	22:22	13.5 +0.9
KYTH	Kithira	3.75	143	ePb	Pb	22:22	14.0 +1.4
LOS	Limnos	3.80	79	ePb	Pb	22:22	14.0 +0.7
BRY	Bragost	3.82	341	ePb	Pb	22:22	12.1 -1.4
BRY	Bragost	3.82	341	eSb	Sb	22:22	59.0 +0.8
LIA	Limnos Island	3.87	80	ePb	Pb	22:22	15.0 +0.2
LIA	Limnos Island	3.87	80	ePb	Pb	22:22	14.6 +0.3
SJES	Sjenica	3.96	357	ePb	Pb	22:22	15.2 -0.3
VTS	Vitosa	3.99	34	ePb	Pb	22:22	17.3 +1.4
UPM	Unac-Piva	4.02	346	ePb	Pb	22:22	16.0 -0.4
UPM	Unac-Piva	4.02	346	eSb	Sb	22:23	05.9 +2.5
STON	Ston	4.05	333	ePb	Pb	22:22	15.4 -1.3
STON	Ston	4.05	333	eSb	Sb	22:23	02.8 -1.1
MS1	Monte Sant'Ang	4.06	308	ePb	Pb	22:22	16.6 -0.2
PLE	Pljevlja	4.08	351	ePb	Pb	22:22	17.2 +0.1
PLE	Pljevlja	4.08	351	eSb	Sb	22:23	08.5 +4.0
RZN	Rozenh	4.17	54	ePb	Pb	22:22	19.0 +0.6
ZAPS	Zavoj	4.26	241	ePb	Pb	22:22	22.0 +1.0
ZAPS	Zavoj	4.26	241	eSb	Sb	22:23	13.6 +1.9
PLD	Plovdiv	4.41	49	ePb	Pb	22:22	22.1 +0.4
PLD	Plovdiv	4.41	4				

Table with columns for name, time, and other details. Includes entries like SAOF Saorge, SBF Sospel, GEC2 GERES Array B, etc.

Table with columns for name, time, and other details. Includes entries like ORIF Oris-en-Rattie, SPAK Manzenberg, GRFO Grafenberg, etc.

Table with columns for name, time, and other details. Includes entries like LOR Lormes, WLF Walfardange, AVF Avril sur Loir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, MLR Muntele Rosu, JOF Joensuu, etc.

CSEM 29 22:33:52.0, 3570N-2548E, h10km, MD3.7/3, After ATH
ATH 29 22:33:52.0, 3570N-2548E, h10km, MD3.7/3

NEIC 29 22:33:52.0, 3570N-2548E, h10km, MD3.7(ATH), After ATH, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NPS Neapolis, VAM Vamoussi, KARP Karpathos.

NEIC 29 22:37:26.0, 0.8, 4604N-15443E, h10km, Error ellipse: s-maj=21.4km s-min=15.0km az=100.0

ISCJB 29 22:37:28.0, 0.9, 4611N-1540E-01, h33km, mb4.0/15, Error ellipse: s-maj=17.9km s-min=8.2km az=142.0

ICD 29 22:37:30.6, 3.6, 4599N-15425E, h40km, 30km, mb3.7/13, mb1.3/9.16, mb1mx3.8/25, mbtmp3.8/16, ML3.8/3, MS2.5/1, Ms1.2/1, ms1mx2.4/24, Error ellipse: s-maj=27.9km s-min=17.4km az=98.0

MOS 29 22:37:33.9, 1.8, 4614N-15389E, h72km, mb4.6/4, Error ellipse: s-maj=16.2km s-min=13.3km az=91.3

ISC 29 22:37:29.1, 3.1, 4611N-1541E-01, h24km, 21km, n30, 0.112/30, mb4.0/15, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kur, KUR Kur, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKTK FINES FINESS Array B, OBN Obninsk, WRA Warramunga Arr, etc.

PRU 29 22:41:41.2, 3907N-1998E, h0km, M3.7
IDC 29 22:41:41.3, 0.7, 3939N-2040E, h0km, mb4.0/13, mb1.4/0.19, mb1mx3.9/31, mbtmp3.9/19, ML3.7/6, MS3.5/1, Ms1.3/5.1, ms1mx2.4/42, Error ellipse: s-maj=15.2km s-min=12.7km az=45.0

ISCJB 29 22:41:42.4, 0.2, 3931N-2014E-002, h10km, mb4.0/15, Error ellipse: s-maj=2.5km s-min=2.0km az=43.5

THE 29 22:41:43.4, 3928N-2020E, h3km, ML4.4
PDG 29 22:41:43.5, 0.5, 3925N-1995E, h19km, 2km, ML3.8/10, Error ellipse: s-maj=1.5km s-min=2.2km az=0.0

TIR 29 22:41:43.9, 4.3, 3929N-2041E, h6km, 52km
CSEM 29 22:41:43.4, 0.1, 3934N-201E, h20km, mb3.8/3, Error ellipse: s-maj=1.9km s-min=1.6km az=44.0

NEIC 29 22:41:43.0, 3929N-2028E, h16km, mb3.7/1, ML3.8(PDG), ML3.7(ATH), ML4.4(TH), After ATH

ATH 29 22:41:43.0, 3929N-2028E, h16km, 4km, MD3.9/6
BEO 29 22:41:44.3, 1.1, 3935N-2007E, h9km, 1km, ML3.8/7
MOS 29 22:41:44.3, 3.1, 3939N-2015E, h23km, mb3.8/1, Error ellipse: s-maj=4.4km s-min=3.2km az=91.9

ISC 29 22:41:40.4, 3929N-2020E-002, h11km, 2km, n225, 0.192/286, mb4.0/15, 19C-162, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOH Sokhos, DID Didima, BCI Bajram Curri, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Montbardon, Dobruska-Polom, Pruhonica, La Plagne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mys Kozlova, TUMR, Kamenistaya, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLS Valsamata, PSH Peshkopia, KFL Korca, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LDG 29 23:51.5, IDC 29 23:53.9, SZGRF 29 23:57.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMP Imphal, SHL Shillong, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLGI Shiliguri, NANT Nan, CAL Calcutta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOK Bokaro, GUN Gumba, PKI Pulchoki, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMLA Simla, SMLA Sundarnagar, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like SIVA, SANT, BDRM, etc.

ATH 30 01:20:58.7, 39444N-2011E, h54km, MD3.2/3
ISCJB 30 01:20:59.7, 0.8, 3927N-003:2007E, 0.06, h10km, Error
ellipse: s-maj=6.8km s-min=3.8km az=179.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like IG, KEK, SRN, etc.

ATH 30 01:37:32.8, 3903N-2238E, h26km, MD3.5/4
TIR 30 01:37:53.0, 1.7, 3904N-1997E, h22km, 33km
ISCJB 30 01:37:58.0, 0.4, 3927N-003:2035E, 0.05, h10km, Error

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like IG, KEK, SRN, etc.

ISCJB 30 01:51:36.5, 1.0, 3928N-005:2026E, 0.06, h10km, Error
ellipse: s-maj=8.7km s-min=5.7km az=41.1
NEIC 30 01:51:36.5, 3928N-2029E, h7km, MD3.1(ATH), After

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like KKK, KEK, KKK, etc.

CSEM 30 02:08:10.6, 4013N-2039E, h32km, MD3.3/3, After
ISCJB 30 02:08:14.6, 1.6, 3941N-01:2031E, 0.07, h10km, Error
ellipse: s-maj=17.6km s-min=7.4km az=12.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like JAN, JAN, KEK, etc.

ISCJB 30 02:15:43.5, 2.0, 3939N-005:142.14E, 0.09, h26km, 19km,
mb3.6/2, Error ellipse: s-maj=14.1km s-min=6.8km
az=150.6

ISC 30 02:15:43.2, 2.5, 3938N-142.00E, h0km, mb3.6/2,
mb1.9, 7/4, mb1mx3.5, 2/20, mbtrng3.7/4, ML3.5/2, MS2.4/1,
Ms1.2/4, ms1mx2.1/34, Error ellipse: s-maj=43.7km
s-min=24.7km az=44.0

JMA 30 02:15:44.3, 0.3, 3938N-142.19E, h57km, M3.5
ISC 30 02:15:44.0, 2.0, 3939N-005:142.1E, 0.1, h14km, 15km, n19,
0:82/28, mb3.6/2, Off east coast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like BSO, BSO, BSO, etc.

ISCJB 30 02:23:23.1, 0.6, 3931N-002:2031E, 0.05, h6km, 7km,
Error ellipse: s-maj=6.3km s-min=4.0km az=1.4
CSEM 30 02:23:23.4, 0.1, 3934N-2027E, h2km, ML2.7, Error
ellipse: s-maj=3.3km s-min=2.3km az=80.0

ATH 30 02:23:23.2, 3927N-2026E, h10km, MD3.1/3
ISC 30 02:23:24.2, 3928N-2035E, h1km, ML2.7
ISC 30 02:23:30.0, 6.3, 3933N-002:2027E, 0.05, h14km, 6km, n14,
0:80/25, Greece-Albania border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like IG, IG, KEK, etc.

ISC 30 02:29:07.1, 0.7, 582S-15340E, h0km, mb4.5/13,
mb1.4, 5/14, mb1mx4.5/18, mbtmp4.5/14, ML3.7/1, MS3.9/10,
Ms1.3/9/10, ms1mx3.6/29, Error ellipse: s-maj=30.9km
s-min=14.4km az=94.0

ISCJB 30 02:29:11.6, 0.5, 588S-005:1536E, 0.1, h44km, mb4.7/39,
MS4.1/16, Error ellipse: s-maj=14.5km s-min=7.4km
az=7.5

MOS 30 02:29:11.5, 1.2, 576S-15332E, h33km, mb5.0/9, Error
ellipse: s-maj=16.0km s-min=10.5km az=84.0
BUJ 30 02:29:11.6, 5.29S-15388E, h32km, mb5.1, mb4.9, Ms4.8,
Ms2.4

NEIC 30 02:29:13.3, 0.4, 583S-15345E, mb4.8/18, Error ellipse:
s-maj=13.8km s-min=7.2km az=107.0
ISC 30 02:29:13.8, 0.5, 592S-005:15351E, 0.09, h46km,
h46km, 6km, pP-P, n98, 0:123/83, mb4.7/39, MS4.1/16,
4C-2D, New Ireland region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like COEN, COEN, CTA, etc.

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station identifiers like CTA, CTAO, GUMO, KAKA, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THKV, CHTH, ICLH, DAMV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ADK, AMKA, UNV, SPIA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC, RSPR, ISCB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KZG, LZG, BOG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISCB, NEIC, CSEM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC, AFI, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CSEM, NEIC, ATH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISCB, CSEM, ATH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAN, SCPH, BUTP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISCB, NEIC, CSEM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC, NEIC, ISCB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISCB, KAKA, BATI, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGT, KEK, SRN, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KKB Krupnik, MMB Musomiste, BARS Barje, etc.

CSEM 30 07:49:47.0.1, 3836N, 3897E, h12km, MD2.6, Error ellipse: s-maj=2.0km s-min=1.2km az=163.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SVRC Svirice-ELAZID, SVRC Svirice, MALT Malatya, etc.

ISCJB 30 07:57:59.1±0.7, 5929N, 003.3, 13811W, 005, h3km, 5km, Error ellipse: s-maj=5.0km s-min=4.4km az=31.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DHAK Deception Hill, DHAH Deception Hill, PNL Peninsula, etc.

ISCJB 30 08:14:26.4±1.2, 3937N, 003.2, 205E, 009, h13km, 5km, Error ellipse: s-maj=11.6km s-min=4.8km az=15.9

CSEM 30 08:14:28.0.1, 3932N, 2021E, h10km, ML3.0, Error ellipse: s-maj=3.3km s-min=1.6km az=92.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

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

ISC 30 08:39:57.5±0.5, 501S, 153.19E, h0km, mb4.7/16, mb1.4, 2/18, mb1mx4.7/21, mbtmp4.8/18, ML3.9/2, MS3.9/15, Ms1.3.9/15, ms1mx3.8/7.1, Error ellipse: s-maj=19.4km s-min=12.5km az=77.0

MOS 30 08:40:01.7±0.8, 4.96S, 153.13E, h33km, mb5.2/15, Error ellipse: s-maj=13.0km s-min=9.3km az=101.3

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

ISCJB 30 07:57:59.1±0.7, 5929N, 003.3, 13811W, 005, h3km, 5km, Error ellipse: s-maj=5.0km s-min=4.4km az=31.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, KAKA Kakadu, WRAB Tennant Creek, etc.

ISCJB 30 08:14:26.4±1.2, 3937N, 003.2, 205E, 009, h13km, 5km, Error ellipse: s-maj=11.6km s-min=4.8km az=15.9

CSEM 30 08:14:28.0.1, 3932N, 2021E, h10km, ML3.0, Error ellipse: s-maj=3.3km s-min=1.6km az=92.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, MBWA Marble Bar, URJ Urewera, etc.

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

ISCJB 30 07:57:59.1±0.7, 5929N, 003.3, 13811W, 005, h3km, 5km, Error ellipse: s-maj=5.0km s-min=4.4km az=31.2

MOS 30 08:40:01.7±0.8, 4.96S, 153.13E, h33km, mb5.2/15, Error ellipse: s-maj=13.0km s-min=9.3km az=101.3

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

ISCJB 30 07:57:59.1±0.7, 5929N, 003.3, 13811W, 005, h3km, 5km, Error ellipse: s-maj=5.0km s-min=4.4km az=31.2

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

ISCJB 30 08:14:26.4±1.2, 3937N, 003.2, 205E, 009, h13km, 5km, Error ellipse: s-maj=11.6km s-min=4.8km az=15.9

CSEM 30 08:14:28.0.1, 3932N, 2021E, h10km, ML3.0, Error ellipse: s-maj=3.3km s-min=1.6km az=92.0

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

IDC 30 11:11:11.73.3.5, 3550N-2318E, h0km, mb3.9/4, mb1 3.9/5, mb1mx3.5/22, mbtmp3.5/5, ML3.3/1, Error ellipse: s-maj=73.6km s-min=34.5km az=0.0

CNRM 30 11:29:37.2, 3716N-527W, h30km, MD3.8
ISC 30 11:29:34.8-0.2, 3714N.001-538W.001, h16km, 1km, n203, c=110/367, 6C-3D, Spain

PBDV 337nm,0.4s A
PBDV Barranco-do-ve 2.04 274 ePn Pn 11 30 08.5 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KARAN, KARNO, VAMOS, GAVDHOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LJJA, ESPR, GIBL, REAL, etc.

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

THE 30 11:21:12.3, 3928N-2024E, h3km, ML3.6
NEIC 30 11:21:12.3, 3928N-2024E, h0km, ML3.6(THE), After THE

CSEM 30 11:21:12.9-0.1, 3928N-2033E, h10km, ML3.6, Error ellipse: s-maj=3.0km s-min=1.7km az=80.0

AWBH 30 11:21:12.5-0.7, 3925N-003-2034E-009, h10km, Error ellipse: s-maj=9.8km s-min=4.0km az=175.5

ATH 30 11:21:13.1, 3919N-2050E, h10km, MD3.5/3
BEO 30 11:21:14.1, 3938N-1993E, ML2.6/2

ISC 30 11:21:13.2-0.7, 3923N.003-2033E.009, h10km, n23, c=115/26, 3C, Greece-Albania border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like IGT, LKD, JAN, SRN, etc.

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

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

IDC 30 11:21:20.3-6.1, 1967S-16954E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.6/12, mbtmp3.7/3, Error ellipse: s-maj=201.1km s-min=35.3km az=139.0, Vanuatu Islands

EGRO 422nm,0.6s 1.68 309 ePn Pn 11 30 09.9 +0.4

ESDC 1.3nm,0.1s,baz=204,slow=12,SNR=19 Pn Pn 11 30 28.2 +0.4

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

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

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

ISCJB 30 11:29:34.8-0.4, 3718N-001-535W-002, h27km, 4km, Error ellipse: s-maj=2.4km s-min=2.3km az=177.3

EQES 201nm,0.7s,SNR=23 Sn Sn 11 30 33.5 +2.0

EQES 201nm,0.7s,SNR=23 Sn Sn 11 30 33.5 +2.0

CSEM 30 11:29:35.6-0.0, 3700N-534W, h15km, ML4.1/32, Error ellipse: s-maj=0.8km s-min=0.7km az=149.0

EBER 201nm,0.7s,SNR=9.2 2.01 96 Pn Pn 11 30 09.1 +1.1

ALMR 3.23 310 eS Pn 11 30 01.8 -1.1

NEIC 30 11:29:35.5, 3706N-541W, h7km, MI3.8/18, Error ellipse: s-maj=2.1km s-min=1.6km az=7.0

EBER 264nm,0.4s,SNR=7.6 2.01 96 Pn Pn 11 30 09.1 +1.1

EMUR 3.37 77 Pn Pn 11 30 26.7 0.0

NEIC Felt [III] in the Moron de la Frontera area. IGIL 30 11:29:36.1, 3706N-535W, h16km, ML3.8

PBDV 2.04 274 ePn Pn 11 30 08.5 0.0

EMUR 3.37 77 Pn Pn 11 30 26.7 0.0

ISCJB 30 12:07:26.4-0.4, 4878N, 003.889E, 003, h0km, Error ellipse: s-maj=4.9km s-min=2.2km az=155.6
 NEIC 30 12:07:29.0, 4866N, 896E, h1km, ML2.5(LDG), After LDG.
 CSEM 30 12:07:29.2-0.1, 4866N, 894E, h2km, ML2.5/9, Error ellipse: s-maj=1.3km s-min=0.8km az=147.0, Suspected Mining explosion.
 LDG 30 12:07:29.0-0.1, 4866N, 896E, h1km, Md2.6/3, ML2.5/9, Error ellipse: s-maj=1.6km s-min=1.1km az=110.0, Suspected Mining induced.
 BGR 30 12:07:29.3-0.4, 4867N, 893E, h1km, ML1.72, ML2.5(LDG), Error ellipse: s-maj=12.2km s-min=3.3km az=144.0, Suspected Mining explosion.
 STR 30 12:07:29.9-1.0, 4867N, 887E, h10km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
 ISC 30 12:07:28.5-0.4, 4872N, 003.889E, 003, h0km, n35, c0593/64, Germany

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STU	Stuttgart	0.21	76	eSg	12 07 36.2	+1.1
BFO	Black Forest	0.54	224	eP	12 07 38.9	0.0
BFO	Black Forest	0.54	224	P	12 07 40.2	+1.3
BFO	Black Forest	0.54	224	Sg	12 07 46.2	+0.3
BFO	Black Forest	0.54	224	P	12 07 40.2	+1.4
TOD	Tromm	0.89	356	Pg	12 07 47.0	+1.5
FELD	Feldberg im Sc	1.03	215	Pg	12 07 48.4	+0.1
FELD	Feldberg im Sc	1.03	215	Sg	12 08 02.3	+0.6
CHF	Champ du Feu	1.12	254	eP	12 07 50.2	+0.3
CHF	Champ du Feu	1.12	254	eSg	12 08 05.6	+1.3
CHF	Champ du Feu	1.12	254	Pg	12 07 50.2	+0.3
CHF	Champ du Feu	1.12	254	Sg	12 08 05.6	+1.3
ECH	Echery	1.26	247	Pg	12 07 54.9	+2.3
ECH	Echery	1.26	247	Sg	12 08 09.6	+0.7
HINF	Hinterfeld	1.64	237	eP	12 07 59.7	-0.1
HINF	Hinterfeld	1.64	237	eSg	12 08 20.6	-0.4
HINF	Hinterfeld	1.64	237	eP	12 07 59.7	-0.1
HINF	Hinterfeld	1.64	237	eSg	12 08 20.6	-0.4
GRA1	Grafenberg Arr	1.81	57	Sg	12 08 26.7	+0.1
GRF	Grafenberg Arr	1.81	57	eSg	12 08 26.7	+0.1
HAU	Haudomppe	1.84	248	eP	12 08 03.7	-0.1
HAU	Haudomppe	1.84	248	eSg	12 08 27.6	0.0
HAU	Haudomppe	1.84	248	Pg	12 08 03.7	-0.1
HAU	Haudomppe	1.84	248	Sg	12 08 27.6	0.0
RFYF	Reffroy	2.27	269	eP	12 08 11.9	0.0
RFYF	Reffroy	2.27	269	eSg	12 08 41.7	+0.4
RFYF	Reffroy	2.27	269	eP	12 08 11.9	0.0
RFYF	Reffroy	2.27	269	eSg	12 08 41.7	+0.4
MEZF	Malzeries J'vi	2.56	266	eP	12 08 17.3	-0.2
MEZF	Malzeries J'vi	2.56	266	eSg	12 08 50.7	+0.1
MEZF	Malzeries J'vi	2.56	266	eP	12 08 17.3	-0.2
MEZF	Malzeries J'vi	2.56	266	eSg	12 08 50.7	+0.1
MOX	Moxa	2.61	42	eSg	12 08 54.4	+2.0
SFTF	Sextfontaines	2.62	260	eP	12 08 18.1	-0.5
SFTF	Sextfontaines	2.62	260	eSg	12 08 52.1	-0.4
SFTF	Sextfontaines	2.62	260	eP	12 08 18.1	-0.5
SFTF	Sextfontaines	2.62	260	eSg	12 08 52.1	-0.4
WET	Wetzell	2.66	79	eSg	12 08 53.4	-0.6
GUNZ	Gunzen	2.78	52	eSg	12 08 56.0	-1.7
WERD	Werda	2.81	51	eSg	12 08 58.8	-0.1
GIVF	Givet	2.99	299	eP	12 08 26.0	+0.2
GIVF	Givet	2.99	299	eSg	12 09 05.1	+0.5
GIVF	Givet	2.99	299	eP	12 08 26.0	+0.2
GIVF	Givet	2.99	299	eSg	12 09 05.1	+0.5
GIVF	Givet	2.99	299	eP	12 08 26.0	+0.2
GIVF	Givet	2.99	299	eSg	12 09 05.1	+0.5
GECZ	GERESS Array S	3.18	86	eSg	12 09 09.9	-0.8
BAIF	Baives	3.34	295	eP	12 08 32.2	-0.2
BAIF	Baives	3.34	295	eSg	12 09 00.0	-2.2
BAIF	Baives	3.34	295	eP	12 08 32.2	-0.2
BAIF	Baives	3.34	295	eSg	12 09 00.0	-2.2
BAIF	Baives	3.34	295	eP	12 08 21.2	-0.7
BAIF	Baives	3.34	295	eSg	12 08 32.2	-0.2
LOR	Lormes	3.68	249	eP	12 08 37.6	-1.4
LOR	Lormes	3.68	249	eSg	12 09 25.1	-1.5
LOR	Lormes	3.68	249	eP	12 08 37.6	-1.4
LOR	Lormes	3.68	249	eSg	12 09 25.1	-1.5

ISCJB 30 12:29:58.2-0.3, 3718N, 001.537W, 001, h11km, 2km, Error ellipse: s-maj=2.2km s-min=1.9km az=7.1
 CSEM 30 12:29:59.9-0.1, 3704N, 538W, h8km, ML3.9/28, Error ellipse: s-maj=1.2km s-min=0.9km az=4.0
 INMG 30 12:30:00.0-1.3, 3708N, 540W, h11km, 2km, ML3.2, Error ellipse: s-maj=1.6km s-min=1.2km az=17.0
 MDD 30 12:30:00.3-0.2, 3707N, 539W, h11km, mblg3.2/36, Error ellipse: s-maj=2.1km s-min=1.8km az=165.0
 SFS 30 12:30:00.0, 3700N, 530W, h0km, ML3.2
 LDG 30 12:30:00.5-0.1, 3705N, 542W, h9km, ML3.4/10, Error ellipse: s-maj=2.7km s-min=1.0km az=152.0
 NEIC 30 12:30:00.3, 3706N, 537W, h11km, MN3.2(MDD), After MDD.
 CNRM 30 12:30:03.3, 3716N, 544W, h30km, MD3.6
 ISC 30 12:29:59.5-0.2, 3714N, 001.536W, 001, h15km, 2km, n158, c1821/267, 13C-10D, Spain

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LJJA	Lijar	0.23	188	iP	12 30 02.8	-1.8
LJJA	Lijar	0.23	188	iS	12 30 02.8	-1.8
ESPR	Espera	0.48	236	iP	12 30 08.5	-0.5
ESPR	Espera	0.48	236	Lg	12 30 14.8	
ESPR	Espera	0.48	236	Pg	12 30 08.5	-0.5
ESPR	Espera	0.48	236	Lg	12 30 16.2	
GIBL	Gibalbin	0.57	238	iP	12 30 11.2	+0.4
GIBL	Gibalbin	0.57	238	iS	12 30 11.2	+0.4
GIBL	Gibalbin	0.57	238	eS	12 30 20.8	+2.4
REAL	Reales	0.66	169	iP	12 30 11.5	-1.0
REAL	Reales	0.66	169	iS	12 30 17.3	
REAL	Reales	0.66	169	eP	12 30 11.5	-1.0
REAL	Reales	0.66	169	eSg	12 30 11.0	-2.0
EJIF	Mijas	0.74	140	iP	12 30 19.8	
EMIJ	Mijas	0.74	140	iS	12 30 19.8	
EMIJ	Mijas	0.74	140	Lg	12 30 21.3	
SCRT	Cerro San Cris	0.82	233	Pg	12 30 15.2	-0.2
SCRT	Cerro San Cris	0.82	233	iP	12 30 15.2	-0.3
EMAL	Malaga-Limoner	0.84	116	eP	12 30 15.4	-0.3

MOMI	Momias	0.85	200 <th>iP <th>Pg <th>12 30 16.9</th> <th>+0.8</th> </th></th>	iP <th>Pg <th>12 30 16.9</th> <th>+0.8</th> </th>	Pg <th>12 30 16.9</th> <th>+0.8</th>	12 30 16.9	+0.8
MOMI	Momias	0.85	200 <th>iS <th>Pb</th> <th>12 30 24.3</th> <th> </th></th>	iS <th>Pb</th> <th>12 30 24.3</th> <th> </th>	Pb	12 30 24.3	
ECAB	Ei Cabril	0.94	357 <th>iP <th>Pg <th>12 30 18.6</th> <th>+0.9</th> </th></th>	iP <th>Pg <th>12 30 18.6</th> <th>+0.9</th> </th>	Pg <th>12 30 18.6</th> <th>+0.9</th>	12 30 18.6	+0.9
ECAB	Ei Cabril	0.94	357	Lg	Pg	12 30 31.8	
ECAB	Ei Cabril	0.94	357	Pg	Pg	12 30 18.6	+0.9
CNIL	Conil	0.94	216	Pg	Pg	12 30 18.7	+0.9
CNIL	Conil	0.94	216	eS	Pb	12 30 18.7	+1.1
CNIL	Conil	0.94	216	eP	Sb	12 30 29.8	-0.1
SFS	San Fernando	0.95	226	Pg	Pg	12 30 17.8	-0.1
SFS	San Fernando	0.95	226	eP	Pb	12 30 29.0	
ELOJ	Sierra Loja	0.97	89	Pg	Pg	12 30 17.8	+0.1
ELOJ	Sierra Loja	0.97	89	Pg	Pg	12 30 18.5	+0.3
ELOJ	Sierra Loja	0.97	89	Lg	Pg	12 30 33.2	
ELUO	Luque	0.97	64	Pg	Pg	12 30 19.6	+1.2
ELUO	Luque	0.97	64	Lg	Pg	12 30 33.8	
EADA	Adamuz	1.20	31	iP	Pn	12 30 22.7	+0.9
EADA	Adamuz	1.20	31	Pg	Pg	12 30 23.6	+0.8
EADA	Adamuz	1.20	31	Sg	Sn	12 30 39.6	+1.7
EADA	Adamuz	1.20	31	Lg	Sn	12 30 41.5	
EADA	Adamuz	1.20	31	Pn	Pn	12 30 22.7	+0.9
EADA	Adamuz	1.20	31	Pg	Pg	12 30 23.6	+0.9
EADA	Adamuz	1.20	31	Sn	Sn	12 30 39.6	+1.8
EMIN	Mina Concepcio	1.22	302	iP	Pn	12 30 21.8	-0.1
EMIN	Mina Concepcio	1.22	302	Pg	Pg	12 30 22.7	-0.3
EMIN	Mina Concepcio	1.22	302	Lg	Pg	12 30 39.1	
EMIN	Mina Concepcio	1.22	302	Pn	Pn	12 30 21.8	-0.2
EMIN	Mina Concepcio	1.22	302	Pg	Pg	12 30 22.7	-0.3
ECMU	Ceuta	1.24	180	Pg	Pg	12 30 21.8	-1.5
ECMU	Ceuta	1.24	180	Lg	Pg	12 30 36.7	
ECMU	Ceuta	1.24	180	Pg	Pg	12 30 21.8	-1.5
ERON	Agron	1.25	95	Pg	Pg	12 30 24.0	+0.4
ERON	Agron	1.25	95	Lg	Pg	12 30 40.9	
ECOC	Cogollos-Vega	1.44	84	iP	Pg	12 30 26.5	-0.7
ECOC	Cogollos-Vega	1.44	84	Lg	Pg	12 30 47.7	
EGUA	Gujajares	1.47	101	Pg	Pg	12 30 27.3	-0.5
EGUA	Gujajares	1.47	101	Lg	Pg	12 30 47.1	
EQUE	Quentar	1.54	87	iP	Pn	12 30 27.7	+1.3
EQUE	Quentar	1.54	87	Pg	Pg	12 30 28.9	-0.2
EQUE	Quentar	1.54	87	Lg	Pg	12 30 50.4	
EBAN	Banos Encina	1.62	50	iP	Pn	12 30 28.3	+0.8
EBAN	Banos Encina	1.62	50	Pg	Pg	12 30 30.2	-0.4
EBAN	Banos Encina	1.62	50	Sg	Sn	12 30 49.0	+0.9
EBAN	Banos Encina	1.62	50	Lg	Pg	12 30 53.1	
EBAN	Banos Encina	1.62	50	Pg	Pg	12 30 30.2	-0.4
DKH	Dar Kharkhour	1.65	180	eP	Pn	12 30 29.0	+1.1
DKH	Dar Kharkhour	1.65	180	iS	Pn	12 30 49.0	+0.3
PBAR	Barrancos	1.69	308	eP	Pn	12 30 28.4	0.0
PBAR	Barrancos	1.69	308	eSg	Pn	12 30 54.5	+0.7
PBAR	Barrancos	1.69	308	eP	Pn	12 30 28.4	0.0
PBAR	Barrancos	1.69	308	eSg	Pn	12 30 54.5	+0.7
EGRO	Ei Granado	1.73	284	iP	Pn	12 30 28.6	-0.5
EGRO	Ei Granado	1.73	284	Pg	Pg	12 30 31.1	-1.7
EGRO	Ei Granado	1.73	284	Lg	Pn	12 30 53.3	
EGRO	Ei Granado	1.73	284	Pn	Pn	12 30 28.6	-0.5
EGRO	Ei Granado	1.73	284	Pg	Pg	12 30 31.1	-1.8
PVAQ	Vaqueiros	1.90	279	eP	Pn	12 30 30.8	-0.5
PVAQ	Vaqueiros	1.90	279	eSg	Pn	12 30 53.5	-1.4
PVAQ	Vaqueiros	1.90	279	eP	Pn	12 30 30.8	-0.5
PVAQ	Vaqueiros	1.90	279	eSg	Pn	12 30 53.5	-1.4
EQES	Quesada	1.94	69	iP	Pn	12 30 32.7	+0.8
EQES	Quesada	1.94	69	Pg	Pg	12 30 36.5	-0.3
EQES	Quesada	1.94	69	iP	Pn	12 30 32.7	+0.8
EQES	Quesada	1.94	69	Pg	Pg	12 30 36.5	-0.3
EQES	Quesada	1.94	69	Lg			

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

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

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

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like KDAD Kodiak Island, KDKM Kodiak Lake, MAJO Matsushiro, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like EDM Edmonton, HOOD Mount Hood, HAWA Hanford, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like TMCR Tamitsa, RLMT Red Lodge, FLWY Flagg Ranch, etc.

30d 14hr

Table with columns: ANMO, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Time, Residual, and other parameters. Includes stations like Albuquerque, Los Pinos Moun, Cedar Bluff, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Time, Residual, and other parameters. Includes stations like Lor, Lormes, Charters Tower, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISCJB, THE 30, CSEM, etc.

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

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

MOS 30 15:48:50.6, 1.3, 4271N:4848E, h19km, mb4.5/2, Error ellipse: s-maj=7.4km s-min=6.1km az=50.7

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include PESTR Estremoz, EVO Evora, MORF Marneite, PTEO Sao Teotonio, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include PBRG Braganca, ECAL Calabor, ECAL Calabor, ECAL Calabor, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include IDC 30 17:43:56.0, CHQJ Chosi, CHQJ Boso 1, etc.

M1 3.5/9, ms1mx3.2/36, Error ellipse: s-maj=23.5km s-min=12.1km az=75.0 BUJ 30:20:55.03 1.3565N, 141.34E, h105km, mb4.4, mb4.3 NEIC 30:20:55.04 5.15, 35.71N, 140.79E, h78km, 1.1km, mb4.6/11, MW4.2(NIED), Error ellipse: s-maj=17.7km s-min=8.3km az=77.0

NEIC Recorded [1 JMA] in Chiba Prefecture. ISC 30:20:54:56.2 0.9, 3529N, 003.14123E, 005, h16km, 4km, n60, c087/68, mb4.3/29, MS3.6, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like CHOI, BOSO, KATSU, etc.

Table with columns: NOA, LR, LR, Time, Res, ISC. Lists seismic events from stations like MINA, COLLIM, GERES, etc.

MAN 30:21:00:22, 1847N, 12084E, h27km, mb4.1, ML2.9, MS2.6, 1C, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like APYP, ABPA, ABRA, etc.

NEIC 30:21:11:52.5 6.4, 2267S, 17937W, h456km, 51km, mb4.2/8, Error ellipse: s-maj=7.1km s-min=12.7km az=520.0

ISC 30:21:11:55.2 11.0, 2284S, 17953W, h466km, 94km, mb3.6/8, mb1 3.7/9, mb1mx3.4/18, mbtmp3.6/8, Error ellipse: s-maj=127.5km s-min=21.7km az=47.0

ISC 30:21:11:53.9 7.8, 228S, 05.1795W, 04, h462km, 62km, n20, c083/20, mb4.2/12, 2D, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like URZ, SNZO, RPZ, etc.

ISC 30:21:16:26.4 0.9, 3529N, 003.14131E, 008, h37km, 11km, mb3.5/3, Error ellipse: s-maj=10.9km s-min=5.6km az=0.9

JMA 30:21:16:27.4 0.1, 3532N, 141.20E, h36km, 2km, M3.4, Error ellipse: s-maj=10.9km s-min=5.6km az=0.9

ISC 30:21:16:28.4 5.8, 3522N, 141.18E, h30km, 44km, mb3.4/3, mb1 3.6/7, mb1mx3.4/22, mbtmp3.6/7, MS3.5/4, MS2.8/2, M1 2.8/2, MS1mx2.4/20, Error ellipse: s-maj=43.0km s-min=18.3km az=81.0

ISC 30:21:16:27.9 0.8, 3528N, 003.14119E, 006, h32km, 5km, n20, c117/28, mb3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like CHOI, BOSO, KATSU, etc.

ISC 30:21:17:39.1 5.1, 2265S, 6817W, h0km, mb4.0/1, mb1 3.9/2, mb1mx3.5/15, mbtmp3.9/2, ML3.8/1, Error ellipse: s-maj=152.4km s-min=54.0km az=67.0

Northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like LPAZ, TORD, MKAR, etc.

Table with columns: ULBA, CAMI, PANCHO, etc. Lists seismic events from stations like ULBA, CAMI, PANCHO, etc.

IDC 30:21:49:26.3 1.1, 275S, 12970E, h0km, mb3.9/5, mb1 4.1/8, mb1mx3.9/9, mbtmp4.0/8, ML4.0/3, MS3.5/4, M1 3.5/4, ms1mx3.0/33, Error ellipse: s-maj=38.7km s-min=21.0km az=82.0

ISCJB 30:21:49:29.0 0.7, 283S, 007.1297E, 01, h33km, mb3.9/8, MS3.5/3, Error ellipse: s-maj=19.4km s-min=9.3km az=162.0

NEIC 30:21:49:33.3 4.1, 300S, 12937E, h48km, 42km, mb4.0/6, Error ellipse: s-maj=34.4km s-min=22.8km az=56.0

DJA 30:21:49:33.2735, 12931E, h33km, ML4.0/3, ISC 30:21:49:32.8 2.8, 29S, 01x1296E, 02, h43km, 29km, n21, c1520/18, mb4.0/8, MS3.5/3, Serame

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like BATI, KAPI, KAKA, etc.

ISCJB 30:22:02:10.4 4.6, 468N, 05.1528E, 08, h41km, 21km, mb3.8/3, Error ellipse: s-maj=126.9km s-min=13.4km az=135.7

MOS 30:22:02:13.5 0.6, 4722N, 152.18E, h38km, mb4.3/1, Error ellipse: s-maj=56.7km s-min=35.1km az=61.1

IDC 30:22:02:14.9 12.0, 4630N, 152.47E, h48km, 36km, mb3.5/3, mb1 3.5/5, mb1mx3.2/21, mbtmp3.6/7, ML3.2/2, Error ellipse: s-maj=315.7km s-min=31.3km az=141.0

ISC 30:22:02:12.3 4.5, 467N, 05.1529E, 07, h48km, 17km, n7, c054/8, mb3.8/3, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like SKR, PETK, ASAJ, etc.

ATH 30:22:17:50.3, 3949N, 2025E, h70km, 3km, ISCJB 30:22:17:51.5 0.6, 3930N, 002.2013E, 005, h3km, Error ellipse: s-maj=5.5km s-min=3.1km az=174.0

NEIC 30:22:17:51.2, 3945N, 2028E, h55km, MD3.4(ATH), After ATH

THE 30:22:17:52.0, 3931N, 2012E, h3km, ML3.2, CSEM 30:22:17:52.0 4.0, 3933N, 2022E, h8km, ML3.2, Error ellipse: s-maj=4.6km s-min=2.2km az=75.0

ISC 30:22:17:52.0 4.0, 3933N, 002.2013E, 005, h0km, 6km, n25, c1900/37, 1D, Greece-Albania border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from stations like IGT, IKT, IEG, etc.

MOS 30:22:29:36.7 1.4, 4265N, 4841E, h26km, mb4.6/1, Error ellipse: s-maj=9.4km s-min=8.7km az=79.1

NEIC 30:22:29:38.0 0.6, 4288N, 4831E, h10km, mb4.0/2, Error

30D 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Ospanovka, Ala-Archa, Gorka Kiasztor, etc.

2007 JUN

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Gorka Kiasztor, Dobruska-Polom, Ksiaz, etc.

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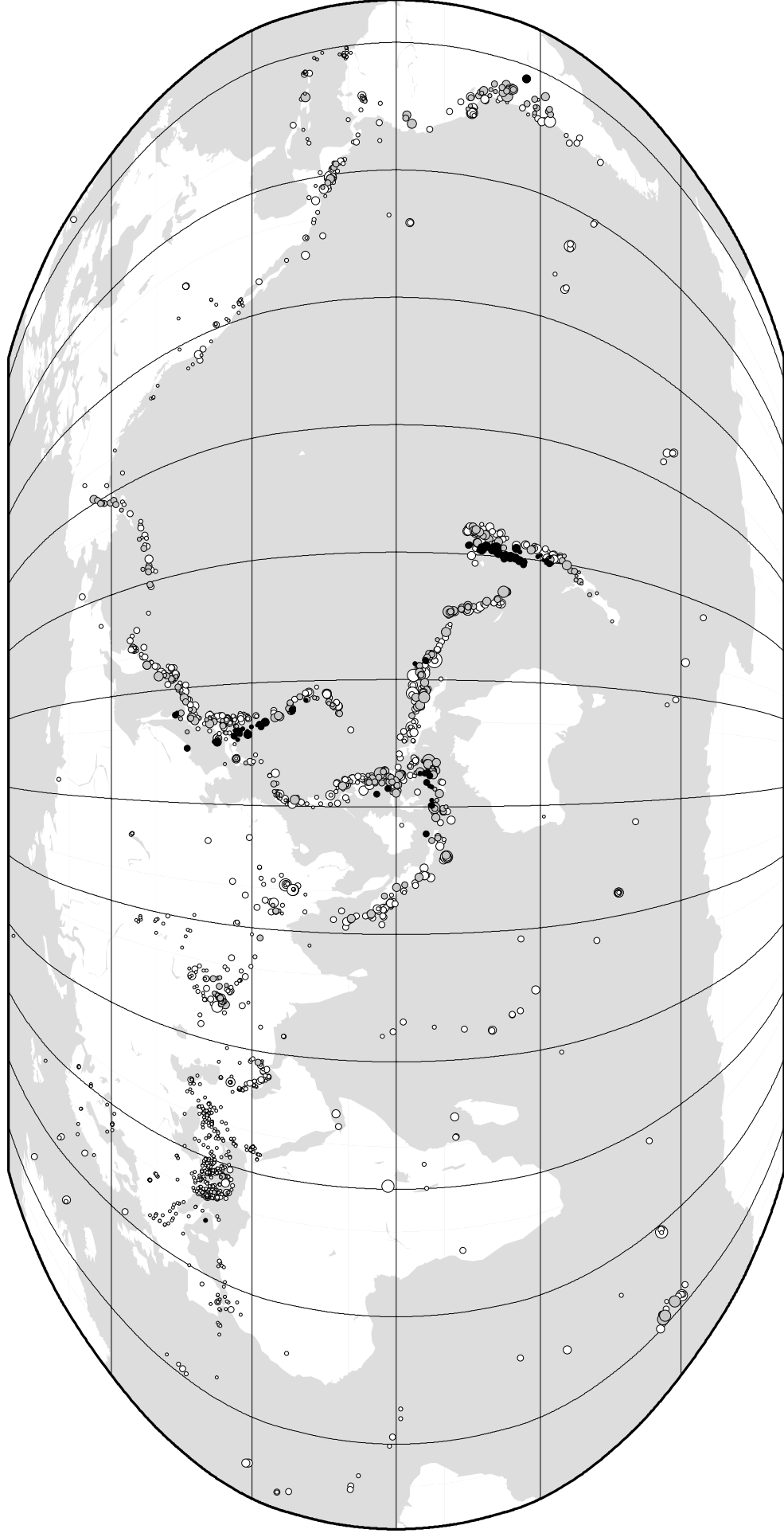
Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like APA, MOX, WTTA, etc.

Table with columns: SBF, Sospel, 29.57 286, eP, P, 22.36 37.6 -1.1, comp=Z,11nm,0.8s,mb4.6, pmax, pmax

Table with columns: AVF, Avril sur Loir, 31.85 293, eP, P, 22.36 58.0 -0.8, comp=Z,11nm,1.2s,mb4.6, P, pmax

Table with columns: ORE, Reay, 35.59 315, eP, P, 22.37 30.9 -0.3, GCD, Castle Douglas, 35.66 308, eP, P, 22.37 31.6 -0.3

ISC Computed Locations for June 2007



Robinson Projection, centred on 0°N,130°E

