

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 :-

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NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:41.7-1.4,22.1S;02-179.3W;02,h600km,n22,
c155/24,mb4.4/9,1C, South of Fiji Islands
Code Station Name Δ° AZ° Phase ID ISC Time Res
h m s ISC
HBZ Hicks Bay 15.60 187 eP Op 18 48 53.1 -2.1
URZ Urewera 16.41 190 P P 18 49 01.5 -1.1
MRZ Mangatoinoka R 19.02 192 eP P 18 49 26.7 +0.3
DIW D'Urville Isla 19.52 195 eP P 18 49 27.3 -3.6
CAW Cannon Point 19.55 193 eP P 18 49 31.7 +0.5
OTW Orongorongo Tu 19.73 193 eP P 18 49 33.0 +0.2
MCW Moikau 19.82 192 eP P 18 49 35.5 +1.9
THZ Tophouse 20.68 197 eP P 18 49 42.0 +0.5
KHZ Kahutara 21.14 195 P P 18 49 46.2 +0.8
ARMA Armidale 27.28 246 eP P 18 50 42.4 +2.3
4.9nm,0.5s
CTA Charters Tower 32.13 267 P P 18 51 22.3 +0.5
13nm,0.5s
STKA Stephens Creek 36.00 246 eP P 18 51 55.3 +1.5
3.1nm,0.4s
ASAR Alice Springs 42.97 259 P P 18 52 50.1 +0.4
9.8nm,0.5s,baz=92,slow=8.2,SNR=47
ASAR 1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.97 259 eP P 18 52 50.1 +0.4
WRA Warramunga Arr 43.18 264 P P 18 52 51.0 -0.4
1.8nm,0.3s,baz=96,slow=7.8,SNR=93
WRA 0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.79 273 eP P 18 53 18.2 -0.7
14nm,0.4s
FITZ Fitzroy Crossi 51.61 264 eP P 18 53 54.3 +0.1
12nm,0.3s
MBWA Marble Bar 56.31 259 eP P 18 54 27.1 -0.1
11nm,0.6s
CMAR Chiang Mai Arr 89.48 290 P P 18 57 38.1 +1.7
1.3nm,0.8s,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.23 349 PKKP PKIKP 19 03 43.7 -1.2
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 136.91 342 PKP PKIKP 19 03 57.3 -1.3
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.83 325 PKPbc PKIKP 19 04 22.7 -1.0
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

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Table with columns: Call sign, Frequency, Mode, Power, SNR, and other technical details for stations AB31 through ONI.

Table with columns: Call sign, Frequency, Mode, Power, SNR, and other technical details for stations ONI through AKBB.

Table with columns: Call sign, Frequency, Mode, Power, SNR, and other technical details for stations AKBB through OJC.

SBA	Scott Base	45.98 184	P	P	02 07 52.9 +6.6
SBA	SBA		pP	pP	02 08 12.3 +2.3
SBA	SBA		pP	pP	02 09 25.1 +3.8
VNDA	Vanda	46.02 186	P	P	02 07 51.4 +4.7
VNDA	Vanda	46.02 186	P	P	02 07 51.1 +4.4
CASY	comp-Z,3.1nm,0.7s,baz=16,slow=5.4,SNR=18		P	P	02 09 23.8 +2.5
VNDA	comp-Z,3.1nm,0.7s,baz=16,slow=5.4,SNR=18		P	P	02 09 23.8 +2.5
VNDA	Vanda	46.02 186	P	P	02 07 51.8 +5.1
VNDA	Vanda		sP	sP	02 08 23.1 +1.3
VNDA	Vanda		pP	pP	02 09 24.6 +3.2
WRKA	Warakuma	46.50 265	P	P	02 07 51.5 +0.2
MTN	Manton Dam	49.58 281	P	P	02 08 12.9 +2.1
MTN	MTN		Iamb	Iamb	02 08 16.1
CCD	Concordia, Ant	50.81 196	P	P	02 08 26.2 +2.3
CCD	CCD		P	P	02 09 40.3 +1.0
FITZ	Fitzroy Crossi	51.62 272	P	P	02 08 29.2 -1.1
NWAO	Narrogin (SRO)	52.99 251	P	P	02 08 39.0 -1.3
CASY	Casey	53.01 209	P	P	02 08 40.6 +0.7
CASY	Casey		Iamb	Iamb	02 08 43.1
CASY	Casey	53.01 209	P	P	02 08 40.5 +0.7
CASY	Casey		sP	sP	02 09 13.7 -2.5
CASY	Casey		pP	pP	02 09 47.4 +0.3
FAKI	Fak Fak	54.35 292	Iamb	Iamb	02 08 47.3
FAKI	Fak Fak		P	P	02 08 48.5 -1.9
PSA00	Pilbara Seismi	55.00 265	P	P	02 08 53.5 -1.5
PSA00	PSA00		Iamb	Iamb	02 08 54.0
MORW	Morawa	55.25 255	P	P	02 08 55.8 -1.0
MORW	MORW		Iamb	Iamb	02 08 56.8
MBWF	Marble Bar	55.27 265	P	P	02 08 55.8 -1.2
MBWA	MBWA		Iamb	Iamb	02 08 56.6
MBWA	Marble Bar	55.27 265	P	P	02 08 55.8 -1.2
MBWA	MBWA		pP	pP	02 09 16.8 -4.7
MBWA	MBWA		pP	pP	02 09 28.2 +3.0
MBWA	MBWA		pP	pP	02 09 55.2 -1.4
QSPA	South Pole Qui	57.70 180	P	P	02 09 19.2 +5.5
QSPA	South Pole Qui	57.70 180	P	P	02 09 19.2 +5.5
QSPA	comp-Z,3.9nm,0.4s,baz=23,slow=2.3,SNR=42		P	P	02 10 25.9 +4.0
QSPA	comp-Z,5.3nm,0.6s,baz=11,slow=2.9,SNR=1.5		P	P	02 10 08.9 +3.4
QSPA	South Pole Qui	57.70 180	P	P	02 09 19.2 +5.5
QSPA	QSPA		pP	pP	02 10 08.7 +3.2
GIRL	Giralia	59.26 261	P	P	02 09 25.0 +0.0
BELA	Belgrano 2	67.90 172	Iamb	Iamb	02 10 25.9
BELA	BELA		Iamb	Iamb	02 10 25.9
MAW	Mawson	70.16 201	P	P	02 10 36.8 +1.7
MAW	comp-Z,3.1nm,0.3s,baz=12.5,slow=8.9,SNR=26		P	P	02 10 36.8 +1.7
MAW	comp-Z,3.1nm,0.3s,baz=12.5,slow=8.9,SNR=26		P	P	02 10 36.8 +1.7
GO09	Cerro Castillo	74.72 141	P	P	02 11 06.3 +3.8
GO09	GO09		Iamb	Iamb	02 11 11.3
ELIB	Princess Elisa	74.77 187	dP	P	02 11 04.9 +2.4
ELIB	ELIB		P	P	02 11 04.9 +2.4
TROLL	Troll, Antarti	75.86 180	P	P	02 11 12.4 +3.6
TROLL	TROLL		P	P	02 11 12.4 +3.6
SNA4	Sanae	76.17 179	P	P	02 11 14.0 +3.5
SNA4	SNA4		Iamb	Iamb	02 11 15.0
SNA4	Sanae	76.17 179	P	P	02 11 13.9 +3.4
SNA4	SNA4		P	P	02 11 13.8 +3.3
SNA4	Sanae	76.17 179	P	P	02 11 13.8 +3.3
SNA4	SNA4		P	P	02 11 13.8 +3.3
VNA3	Neumayer Olymp	76.35 177	P	P	02 11 15.0 +3.6
VNA3	VNA3		P	P	02 11 15.0 +3.6
VNA2	Neumayer-Watz	76.78 177	P	P	02 11 17.5 +3.7
VNA2	VNA2		P	P	02 11 17.5 +3.7
VNA1	Neumayer-Stat	77.01 177	P	P	02 11 18.6 +3.5
VNA1	VNA1		P	P	02 11 18.6 +3.5
H03S2	Juan Fernandez	79.99 124	T	T	03 40 25.2
H03S2	Juan Fernandez		T	T	03 40 25.2
H03S1	Juan Fernandez	80.01 124	T	T	03 40 24.4
H03S1	Juan Fernandez		T	T	03 40 24.4
H03S3	Juan Fernandez	80.01 124	T	T	03 40 17.4
H03S3	Juan Fernandez		T	T	03 40 17.4
H03N3	Juan Fernandez	80.02 123	T	T	03 40 36.3
H03N3	Juan Fernandez		T	T	03 40 36.3
H03N2	Juan Fernandez	80.02 123	T	T	03 40 28.0
H03N2	Juan Fernandez		T	T	03 40 28.0
H03N1	Juan Fernandez	80.21 123	T	T	03 40 35.5
H03N1	Juan Fernandez		T	T	03 40 35.5
PLCA	Paso Flores	81.70 133	P	P	02 11 46.7 +5.5
PLCA	Paso Flores	81.70 133	P	P	02 11 46.6 +5.4
PLCA	comp-Z,1.5nm,0.7s,baz=85,slow=8.3,SNR=4.1		P	P	02 12 01.0 +1.9
QIZ	Qiongzong	85.17 296	P	P	02 12 01.0 +1.9
QIZ	QIZ		S	S	02 22 24.6 +4.0
QIZ	QIZ		pmax	pmax	02 12 01.0 +1.9
QIZ	comp-Z,4.0nm,1.3s		pmax	pmax	02 12 01.0 +1.9
QIZ	comp-Z,120nm,6.2s		LR	LR	02 12 01.0 +1.9
QIZ	comp-Z,120nm,13.7s		LR	LR	02 12 01.0 +1.9
QIZ	comp-Z,120nm,13.4s		LR	LR	02 12 01.0 +1.9
QIZ	QIZ		LR	LR	02 12 01.0 +1.9
GS1	Gurungtsitoli	85.22 275	P	P	02 11 59.1 -0.5
KSR5	Korea Array	85.23 320	P	P	02 11 59.8 -0.0
KSR5	KSR5		P	P	02 11 59.8 -0.0
NJ2	Nanjing	86.98 311	eP	pmax	02 12 11.3 +3.6
NJ2	NJ2		pmax	pmax	02 12 11.3 +3.6
NJ2	NJ2		pmax	pmax	02 12 11.3 +3.6
PETK	Petrozavodsk	87.57 346	P	P	02 12 10.0 0.0
PETK	PETK		P	P	02 12 10.0 0.0
PETK	PETK		P	P	02 12 10.0 0.0
MDJ	Mudanjiang	89.85 326	P	pmax	02 12 22.7 +1.7
MDJ	MDJ		pmax	pmax	02 12 22.7 +1.7
MDJ	MDJ		pmax	pmax	02 12 22.7 +1.7
CN2	Changchun	91.28 323	eP	pmax	02 12 31.9 +4.3
CN2	CN2		pmax	pmax	02 12 31.9 +4.3
KLR	Kul'dur	92.39 330	LR	LR	02 47 27.1
KLR	KLR		LR	LR	02 47 27.1
LYN	LuoYang	92.68 310	eP	pmax	02 12 40.2 +5.8
LYN	LYN		pmax	pmax	02 12 40.2 +5.8
LYN	LYN		pmax	pmax	02 12 40.2 +5.8
TXAR	Lajitas Array	94.11 58	P	P	02 12 44.7 +3.5
TXAR	TXAR		P	P	02 12 44.7 +3.5
PZH	PanZhiHua	95.56 298	P	pmax	02 12 48.7 +0.8
PZH	PZH		pmax	pmax	02 12 48.7 +0.8
PZH	PZH		pmax	pmax	02 12 48.7 +0.8
XLT	XiLinHaoTe	96.34 319	eP	pP	02 12 54.0 +3.0
XLT	XLT		pP	pP	02 13 14.1 -4.3
XLT	XLT		pP	pP	02 13 22.9 +4.5
XLT	XLT		pmax	pmax	02 13 22.9 +4.5
XLT	XLT		pmax	pmax	02 13 22.9 +4.5
CD2	Chengdu	96.51 302	eP	P	02 12 53.0 +0.9
HHC	Hu-ho-hao-te	97.08 314	eP	P	02 12 53.7 -0.8
HHC	HHC		pmax	pmax	02 12 53.7 -0.8
HHC	HHC		pmax	pmax	02 12 53.7 -0.8
WMO	Urumqi	113.86 308	ePKP	PKP	02 18 01.1 +0.5
BOSA	Boshof	115.11 203	PKP	PKP	02 18 04.5 +0.8
BOSA	BOSA		PKP	PKP	02 18 04.5 +0.8
MK31	Makanchi Array	118.47 309	PKP	PKP	02 18 08.2 -1.2
MKAR	Makanchi Array	118.47 309	PKP	PKP	02 18 08.2 -1.1
MKAR	MKAR		PKP	PKP	02 18 08.2 -1.1
ZALV	Zalesovo Beam	119.01 318	PKP	PKP	02 18 09.5 -0.6
ZALV	ZALV		PKP	PKP	02 18 09.5 -0.6
RES	Resolute Bay	119.39 18	PKP	PKP	02 18 12.1 +1.8
RES	RES		PKP	PKP	02 18 12.1 +1.8
BOOM	Boomscoke usch121.51.303		PKP	PKP	02 18 15.5 -0.1
KURK	Kurchatov	121.87 313	PKP	PKP	02 18 15.5 -0.1
KURK	KURK		PKP	PKP	02 18 15.5 -0.1
ARB	Arslanbob	123.30 301	PKP	PKP	02 18 19.2 0.0
ARB	ARB		PKP	PKP	02 18 19.2 0.0
LDAQ	Lac Daran	124.57 51	PKP	PKP	02 18 21.6 +0.3
LDAQ	LDAQ		PKP	PKP	02 18 21.6 +0.3

LMQ	La Malbaie	125.09 52	PKP	PKP	02 18 22.4 0.0
KKAR	Kararay Array	125.53 303	PKP	PKP	02 18 23.0 -0.3
D62A	Allpoint, All	125.85 52	PKP	PKP	02 18 24.2 +0.4
BVAR	Borovoye Array	127.29 315	PKP	PKP	02 18 26.4 -0.1
BRVK	Borovoye	127.29 315	PKP	PKP	02 18 26.4 -0.1
SPITS	Spitsbergen Ar	133.65 356	PKP	PKP	02 18 26.9 +0.3
SPITS	SPITS		PKP	PKP	02 18 37.7 -0.9
ARU	Arti	134.13 319	PKP	PKP	02 18 40.4 +0.2
ARU	ARU		PKP	PKP	02 18 50.5 -2.0
ARCES	ARCES Array B	140.38 347	PKP	PKP	02 18 44.6
ARCES	ARCES		PKP	PKP	02 18 44.6
ARCES	ARCES		PKP	PKP	02 18 50.3 -2.2
TRO	Trome	141.41 313	PKP	PKP	02 18 54.4 -0.2
TRO	TRO		PKP	PKP	02 18 54.2 -1.4
LOF	Lofofen	143.52 352	ePKP	PKP	02 18 54.8 -0.8
LOF	LOF		PKP	PKP	02 19 01.2 +1.2
FAUS	Fauske	144.01 351	ePKP	PKP	02 18 55.5 -1.0
GNI	Garni	144.27 295	PKP	PKP	02 18 56.4 -1.6
GORG	Borgarnes	144.81 16	PKP	PKP	02 18 59.0 -2.7
KONS	Konsvik	145.13 352	ePKP	PKP	02 18 59.5 -2.8
ONI	Oni	145.22 299	PKP	PKP	02 18 59.2 -4.2
MOR	Mok Rana	145.27 351	ePKP	PKP	02 18 58.4 -0.3
STOK	Stokkvaagen	145.30 352	ePKP	PKP	02 18 59.9 -2.8
KBZ	Khabaz	145.55 301	PKP	PKP	02 19 00.2 -3.7
KARS	Kars	145.55 296	PKP	PKP	02 19 00.4 -3.8
KIV	Kislovodsk	145.68 302	PKP	PKP	02 19 00.3 -0.9
KIV	KIV		PKP	PKP	02 19 00.6 -3.7
GURO	Guroyev-BITLI	146.32 292	PKP	PKP	02 19 01.9 -2.0
OBN	Obninsk	146.35 323	PKP	PKP	02 19 01.9 -1.6
OBN	OBN		PKP	PKP	02 19 01.8 -1.5
YAF	Yelutaro	146.44 342	eP	PKP	02 19 03.7 -1.4
YAF	YAF		eP	PKP	02 19 03.5 -1.8
FINES	FINES Array B	146.75 338	ePKP	PKP	02 19 02.6 -2.1
FINES	FINES		ePKP	PKP	02 19 02.6 -2.1
NSS	Namsos	147.16 351	ePKP	PKP	02 19 05.0 -1.5
NSS	NSS		ePKP	PKP	02 19 05.0 -1.5
MEF	Metsahovi	148.22 338	eP	PKP	02 19 08.6 -1.9
ARBE	Arbervare	148.28 336	eP	PKP	02 19 09.3 -1.5
RAF	Rauma	148.35 341	eP	PKP	02 19 08.7 -2.3
RAF	RAF		eP	PKP	02 19 09.1 -3.5
ARKH	Arkharik	148.63 314	PKP	PKP	02 19 10.7 -1.2
ARPR	Arpriy-MALATY	148.21 293	PKP	PKP	02 19 11.8 -1.4
AAL	Aland	149.54 341	eP	PKP	02 19 11.8 -1.4
MOL	Molde	149.54 354	ePKP	PKP	02 19 12.5 -3.4
MTSE	Matsula	149.57 337	eP	PKP	02 19 12.3 -3.7
PLTM	Pollava	149.80 315	PKP	PKP	02 19 06.9 -4.7
DOBA	Dobruja	149.83 353	ePKP	PKP	02 19 13.9 -1.6
AKN	Aaknes	149.98 354	ePKP	PKP	02 19 13.8 -3.8
GAZ	Gaziantep	150.09 289	PKP	PKP	02 19 13.0 -0.6
UPP	Uppsala	150.43 343	eP	PKP	02 19 13.6 +0.2
NB2	NORSAR Subarrat150.61 350	PKP	PKP	02 19 14.1 +0.2	
NB2	NORSAR Subarrat150.61 350	PKP	PKP	02 19 14.1 +0.2	
NOA	NORSAR Array B150.61 350	PKP	PKP	02 19 13.2 -0.7	
NOA	NOA		PKP	PKP	02 19 13.2 -0.7
FOO	Floer	150.69 356	ePKP	PKP	02 19 15.3 -5.2
NC602	NORSAR Array B150.85 349	PKP	PKP	02 19 14.1 -0.2	
IDID	Idizsalais	150.88 329	eP	PKP	02 19 16.1 -5.5
ISAL	Salakas	150.97 330	eP	PKP	02 19 16.8 -5.1
HFS	Hagfors	151.04 347	ePKP	PKP	02 19 14.0 -0.7
HFS	HFS		ePKP	PKP	02 19 22.3 +0.2
HYA	Hoyanger	151.04 355	ePKP	PKP	02 19 16.0 +1.3
NACGM	Naroch	151.13 329	iPKP	PKP	02 19 15.6 +0.6
MMAI	Mount Meron Ar	151.21 281	PKP	PKP	02 19 16.1 0.0
MMAI	MMAI		PKP	PKP	

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UZB	Uzynbulak	67.53 322	eP	P	02 33 45.8 +0.2
TARG	Taragay, Kyrgy	67.55 320	P	Iamb	02 33 45.6 -0.4
KSH	Kashi	67.65 317	P	P	02 33 47.4 +1.0
MAKZ	Makanchi Array	67.70 326	P	P	02 33 46.8 +0.4
MAKZ	Makanchi	67.70 326	P	P	02 33 46.7 +0.3
SATY	Saty	67.86 321	eP	P	02 33 48.1 +0.5
MAKZ	Makanchi	67.88 326	P	P	02 33 48.0 +0.4
MAKZ	Makanchi	67.88 326	P	P	02 33 48.0 +0.4
MAKZ	Makanchi	67.88 326	P	P	02 34 13.3 +0.1
ZHN	Zhinishke	67.90 321	eP	P	02 33 48.2 +0.4
TNSS	Tian-Shan	68.77 321	eP	P	02 33 53.7 +0.1
ULHL	Ulholi	68.81 320	P	P	02 33 54.7 +1.0
AAA	Alma-Ata	68.87 321	eP	P	02 33 54.3 +0.4
TDK	Taldyogorhan	68.91 323	eP	P	02 33 54.4 +0.4
BOOM	Boomsokye usch	69.13 320	P	Iamb	02 33 55.8 +0.2
CCD	Concordia, Ant	69.15 182	P	P	02 33 57.0 +1.6
CHKK	Chushkaly	69.16 322	eP	P	02 33 55.7 +0.1
TKM2	Tokmak 2	69.56 320	P	P	02 33 58.9 +0.6
KUU	Kury	69.58 321	eP	P	02 33 58.6 +0.4
KBK	Karagaybulak	69.85 320	P	P	02 34 01.3 +1.3
UCH	Uchtor	69.92 319	P	P	02 34 01.9 +1.1
AAK	Ala-Archa	70.13 319	P	P	02 34 03.1 +1.4
AAK	Ala-Archa	70.13 319	P	Iamb	02 34 02.2 +0.4
AAK	Ala-Archa	70.13 319	P	P	02 34 02.6 +0.9
AAK	Ala-Archa	70.13 319	P	P	02 34 02.5 +0.7
AAK	Ala-Archa	70.13 319	P	P	02 34 02.7 +0.9
AAK	Ala-Archa	70.13 319	P	P	02 34 23.3 +0.3
AAK	Ala-Archa	70.13 319	P	P	02 34 29.1 -0.6
USP	Ospenovka	70.43 320	P	P	02 34 04.1 +0.7
SGDS	Sogindiy	70.44 320	eP	P	02 34 03.6 +0.2
ARSB	Arslanbob	70.51 318	P	P	02 34 04.3 +0.2
KBL	Kabul	70.53 310	P	P	02 34 04.0 -0.4
EKS2	Erkin-Say	70.61 319	P	P	02 34 05.7 +1.1
ZALV	Zalesovo Beam	70.94 333	P	P	02 34 05.6 -0.6
ZALV	Zalesovo Beam	70.94 333	P	P	02 34 05.8 -0.4
GAR	Garm	71.35 314	P	P	02 34 08.9 -0.2
BTk	Batken	71.44 316	P	P	02 34 09.2 -0.4
BTL5	Baital	71.58 321	iP	P	02 34 10.6 +0.4
KURBB	Kurchatov Arra	71.95 328	P	P	02 34 12.4 +0.1
KURK	Kurchatov	71.96 328	P	P	02 34 12.7 +0.3
KURK	Kurchatov	71.96 328	P	P	02 34 12.5 +0.2
KURK	Kurchatov	71.96 328	P	P	02 34 12.6 +0.2
KURK	Kurchatov	71.96 328	P	P	02 34 29.6 -0.8
CHGR	Chuyangaron	72.03 314	P	P	02 34 13.2 -0.1
SIMJ	Simiganj	72.14 314	Iamb	Iamb	02 34 13.8 -0.2
SIMJ	Simiganj	72.14 314	Iamb	Iamb	02 34 15.1
DZA	Taraz	72.31 319	eP	P	02 34 15.0 +0.3
IUG	Iuzhnay	72.86 317	eP	P	02 34 18.6 +0.6
KKAR	Karatay Array	72.95 318	P	Iamb	02 34 18.5 +0.1
KKAR	Karatay Array	72.95 318	P	Iamb	02 34 19.8
KKAR	Karatay Array	72.95 318	P	P	02 34 18.4 -0.1
VNDA	Vanda	73.35 173	P	P	02 34 21.3 +1.1
VNDA	Vanda	73.35 173	P	P	02 34 21.3 +1.1
BRLS	Borolday	73.36 318	iP	P	02 34 21.4 +0.5
BRZ5	Berezinski	74.80 326	iP	P	02 34 29.5 +0.4
JLN	Jalan Bani Buh	74.95 295	P	P	02 34 30.5 0.0
WBK	Wadi Bani Khal	74.95 295	P	P	02 34 33.7 +0.3
HRA	Herat	75.76 308	P	Iamb	02 34 35.3 +0.1
HRA	Herat	75.76 308	P	Iamb	02 34 36.4
MHTO	MHTO	76.01 293	P	P	02 34 36.4 -0.2
MAW	Mawson	76.04 201	P	P	02 34 34.6 -1.2
JMDO	Jabal Madar	76.18 295	P	P	02 34 37.4 -0.2
DOM	Dom	76.19 292	P	P	02 34 37.8 +0.2
SMD0	Samad	76.38 295	P	P	02 34 38.9 +0.1
BIDO	Bidbid	76.41 296	P	P	02 34 39.3 +0.5
BIDO	Bidbid	76.41 296	P	P	02 34 40.0 +1.1
BSY	Bisya	77.08 295	P	P	02 34 42.6 0.0
HOQ	Hoqain	77.16 296	P	P	02 34 43.0 0.0
JASK	Jask - Hormozg	77.17 298	P	P	02 34 44.8 +1.8
EVAR	Borovoye Array	77.52 328	P	P	02 34 44.3 -0.1
TIXI	Tiksi	77.53 359	P	P	02 34 43.5 -0.5
BRVK	Borovoye	77.59 328	P	Iamb	02 34 44.7 -0.1
BRVK	Borovoye	77.59 328	P	Iamb	02 34 45.9
BRVK	Borovoye	77.59 328	P	P	02 34 44.7 -0.1
SHAO	Shalim	77.60 290	P	P	02 34 46.3 +0.8
ARO	Aragi	77.81 295	P	P	02 34 46.6 -0.1
SOHO	SOHO	77.97 296	P	P	02 34 47.2 -0.3
SOHO	SOHO	77.97 296	P	P	02 34 47.4 -0.1
SOHO	SOHO	77.97 296	P	P	02 34 47.7 0.1
DMTO	DMTO	78.18 289	P	P	02 34 49.0 +0.2
MDH	Madha	78.42 297	P	P	02 34 49.1 -0.9
UOSS	Minazif	78.43 297	P	Iamb	02 34 49.6 -0.5
UOSS	Minazif	78.43 297	P	Iamb	02 34 50.7
UOSS	Minazif	78.43 297	P	P	02 34 49.3 -0.7
UOSS	Minazif	78.43 297	P	P	02 34 50.4 +0.4
HATD	Hatta, Dubai	78.47 297	P	P	02 34 50.2 -0.1
HATD	Hatta, Dubai	78.47 297	P	P	02 34 50.2 -0.1
TBI	Tubuai	78.50 113	eLR	LR	02 34 50.6 +0.3
ASHO	Ashtiyah	78.51 297	P	P	02 34 50.6 0.0
ASHO	Ashtiyah	78.51 297	P	P	02 34 50.9 +0.3
MSFE	Esmas-Masafi	78.56 297	P	P	02 34 51.1 +0.3
MASF	Masafi	78.56 297	P	P	02 34 51.6 +0.7
PPT2	Papeete2	78.61 107	eLR	LR	02 59 32.4
ALNE	Al Ain	78.65 296	P	P	02 34 51.0 -0.3
ALNE	Al Ain	78.65 296	P	P	02 34 51.8 +0.5
SHME	Shamm	78.72 298	P	P	02 34 51.9 +0.2

SHME	Shamm	78.72 298	P	P	02 34 52.3 +0.7
RBK	Rabkut	78.84 289	P	P	02 34 52.8 +0.3
RBK	Rabkut	78.84 289	P	P	02 34 52.9 +0.5
NAZ	Nazwa, Dubai	78.92 297	P	P	02 34 52.6 -0.1
NAZ	Nazwa, Dubai	78.92 297	P	P	02 34 52.9 +0.1
FAQ	Al Faqa, Dubai	78.94 297	P	P	02 34 52.9 0.0
FAQ	Al Faqa, Dubai	78.94 297	P	P	02 34 52.9 0.0
FAQ	Al Faqa, Dubai	78.94 297	P	P	02 34 52.8 0.0
FAQ	Al Faqa, Dubai	78.94 297	P	P	02 34 52.8 0.0
FAQ	Al Faqa, Dubai	78.94 297	P	P	02 34 53.4 -0.4
POK	Saint George I	79.13 29	P	P	02 34 54.3 +1.2
ASUD	Al Ashush, Dub	79.15 296	P	P	02 34 54.1 +0.2
ASUD	Al Ashush, Dub	79.15 296	P	P	02 34 54.5 +0.6
WHFO	Wadi Hawi	79.32 289	P	P	02 34 54.5 -0.6
AJN	Ajban	79.44 296	P	P	02 34 55.6 +0.1
ABTO	Aybut	79.67 289	P	P	02 34 57.1 +0.1
GEYT	Alibeck	79.97 310	P	Iamb	02 34 58.5 +0.2
GEYT	Alibeck	79.97 310	P	Iamb	02 34 59.4
GEYT	Alibeck	79.97 310	P	P	02 34 58.8 +0.5
ALIBECK ARRAY	Alibeck	79.97 310	P	P	02 34 58.2 0.0
GYA0B	Alibeck	79.97 310	P	Iamb	02 34 59.9
GYA0B	Alibeck	79.97 310	P	Iamb	02 34 59.9
MZR	Muzera	80.49 294	P	P	02 35 01.5 +0.2
MZR	Muzera	80.49 294	P	P	02 35 01.6 +0.3
GHWR	Ruwais	81.22 295	P	P	02 35 05.5 +0.5
JRN	Qarnain Island	81.42 296	P	P	02 35 06.2 +0.1
GAMB	Gambell	81.83 22	P	P	02 35 08.8 +1.4
VOI	Vohtsoka	81.97 249	P	Iamb	02 35 08.6 -0.7
VOI	Vohtsoka	81.97 249	P	Iamb	02 35 10.3
VOI	Vohtsoka	81.97 249	P	P	02 35 09.5 +0.3
ABKAR	Abkutulak array	82.07 321	P	Iamb	02 35 08.7 -0.3
ABKAR	Abkutulak array	82.07 321	P	Iamb	02 35 11.3
ABKAR	Abkutulak array	82.07 321	P	P	02 35 08.8 -0.3
SLWR	Sikula	82.30 295	P	P	02 35 11.1 +0.4
M11K	Mekoryuk	82.44 27	P	P	02 35 11.8 +1.2
TRNA	Turayna	82.84 296	P	P	02 35 13.7 +0.1
SMRA	Ala-Samra	83.19 296	P	P	02 35 15.4 0.0
SDPT	Sand Point	83.23 32	P	P	02 35 15.6 +0.7
SHMA	Al-Shehemyia	83.26 297	P	P	02 35 16.0 +0.3
SAKB	Bahrain	83.66 297	P	P	02 35 18.1 +0.3
K13K	Kusilvak Mount	83.79 26	P	P	02 35 18.9 +1.3
QSPA	South Pole Qui	83.94 180	P	Iamb	02 35 19.1 +0.5
QSPA	South Pole Qui	83.94 180	P	Iamb	02 37 36.5
QSPA	South Pole Qui	83.94 180	P	P	02 35 18.1 -0.5
QSPA	South Pole Qui	83.94 180	P	P	02 35 18.1 -0.5
S14K	Fog Glacier	84.05 32	P	P	02 35 19.7 +0.5
TNA	Tin City	84.14 22	P	P	02 35 20.0 +0.7
L14K	Katka Creek	84.41 26	P	P	02 35 21.9 +1.2
M14K	Bethel	84.50 27	P	P	02 35 22.5 +1.3
M14K	Bethel	84.50 27	P	P	02 35 22.5 +1.3
J14K	Nanvaranak Lak	84.60 25	P	P	02 35 22.8 +1.1
ANM	Nome	84.64 23	P	P	02 35 23.4 +1.5
F14K	Arctic Creek	84.68 22	P	P	02 35 23.4 +1.3
O15K	Ungalikthiuk R	84.92 29	P	P	02 35 23.7 +0.4
M15K	Kasiguk River	85.06 27	P	P	02 35 24.8 +0.8
L15K	Ungalak Mouta	85.07 26	P	P	02 35 24.4 +0.4
N15K	Kwethluk River	85.14 28	P	P	02 35 25.0 +0.5
ARU	Arti	85.15 328	P	Iamb	02 35 23.9 -0.7
ARU	Arti	85.15 328	P	Iamb	02 35 25.3
ARU	Arti	85.15 328	P	P	02 35 23.9 -0.7
ARU	Arti	85.15 328	P	P	02 35 23.9 -0.7
K15K	Wolf Creek Mou	85.28 26	P	P	02 35 26.1 +1.0
K15K	Wolf Creek Mou	85.28 26	P	P	02 35 26.2 +1.0
F15K	North Star Dit	85.41 22	P	P	02 35 26.8 +1.1
P16K	Nushagak River	85.76 29	P	P	02 35 28.5 +1.0
N16K	Nishik Lake	85.87 28	P	P	02 35 29.2 +1.0
O16K	Kokwok River B	85.89 29	P	P	02 35 29.2 +1.0
H16K	Elim	85.90 23	P	P	02 35 28.8 +0.7
M16K	Timber Creek	85.97 27	P	P	02 35 29.3 +0.7
L16K	Owahit River	85.97 27	P	P	02 35 29.7 +1.1
J16K	Anvik River	86.05 25	P	P	02 35 30.1 +1.2
G16K	Koyuk River	86.15 23	P	P	02 35 30.2 +0.9
I17K	Unalakleet	86.23 24	P	P	02 35 30.2 +0.4
C16K	Lisburne Hills	86.29 20	P	P	02 35 30.7 +0.8
O17K	Koligansk Bris	86.43 29	P	P	02 35 31.7 +0.9
N17K	Nushagak Hills	86.62 28	P	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OCHAL, PIRO, RAFA, LCR2, etc.

SJA 01 03:22:30.3-0.7, 21.80S-68.68W, h105km, 4km, ML3.5, MW3.7

GUC 01 03:22:31.9-0.8, 21.79S-68.79W, h106km, 4km, ML3.5

ISC 01 03:22:32.4-1.5, 21.80S-0.03-68.78W-0.07, h103km, 9km, n35, s127/62, 4C-1D, Chile-Bolivia border region

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like IPOC Station P, LVC, LCR2, etc.

IDA 01 03:24:09.3-0.5, 12.87S-45.67E, h0km, mb4.1/24, mbtmp4.1/26, ML4.5/3, MS3.7/7, Error ellipse: s-maj=18.5km s-min=13.4km az=82.0

NEIC 01 03:24:11.2-1.5, 12.86S-0.07-45.7E-0.1, h10km, 1km, mb4.7/60, Error ellipse: s-maj=17.7km s-min=12.5km az=83.0

ISC 01 03:24:10.5-0.3, 12.91S-0.05-45.67E-0.07, h10km, n156, s114/151, mb4.6/75, MS3.6/6, 6C-1D, Northwest of Madagascar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMOH, VOI, FOM, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like KIBK, HRAO, GRHM, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like PRED, RONA, MYKA, etc.

NEIC 01 03:25:04.0-0.4, 37.65N-0.02-89.64W-0.02, h2km, 9km

OHWZ	Ohakea	8.32 211	P	Pn	04 54 34.6 +2.8	STKA	Stephens Creek	33.04 261	P	P	04 59 04.7 -1.8	PSAB3	Pilbara Seismi	54.76 266	IAMS_20	IAMS_20	05 22 25.5
PRWZ	Pori Road	8.36 207	P	Pn	04 54 29.8 -2.4	STKA	Stephens Creek	33.04 261	P	P	04 59 05.2 -1.4	PSAA3	Pilbara Seismi	54.76 266	IAMS_20	IAMS_20	05 26 14.6
BFZ	Birch Farm	8.37 205	Pn	Pn	04 54 28.5 -3.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	PSAB3	Pilbara Seismi	54.77 266	IAMS_20	IAMS_20	05 26 14.8
NMFZ	Birch Farm	8.37 205	P	Pn	04 54 29.4 -3.0	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	PSAA0	Pilbara Seismi	54.77 266	IAMS_20	IAMS_20	05 01 58.3 -2.7
TMWZ	Namu Road	8.42 200	P	Pn	04 54 19.9 +8.9	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	PSAA1	Pilbara Seismi	54.78 266	IAMS_20	IAMS_20	05 01 54.1
MRZ	Tintock	8.43 200	P	Pn	04 54 22.9 -3.1	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	PSAD3	Pilbara Seismi	54.80 266	IAMS_20	IAMS_20	05 26 40.5
HRZ	Mangatainaka R	8.60 208	P	Pn	04 54 32.2 -4.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	PSAC1	Pilbara Seismi	54.82 266	IAMS_20	IAMS_20	05 05 16.2
MWZ	Holdswortha R	8.82 208	P	Pn	04 54 34.5 -4.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 01 59.3 -2.6
TMWZ	Te Maipa	8.87 205	P	Pn	04 54 35.3 -4.0	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
OGWZ	Otaki Gorge	8.89 209	P	Pn	04 54 36.4 -3.2	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
KIW	Kapiti Island	9.04 210	P	Pn	04 54 37.3 -4.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
MTW	Mount Morrison	9.05 207	P	Pn	04 54 38.1 -4.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
CAW	Cannon Point	9.18 209	P	Pn	04 54 39.1 -4.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TRWZ	Traveller	9.20 205	P	Pn	04 54 39.9 -3.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
PAWZ	Paruuri Farm	9.28 206	P	Pn	04 54 41.2 -3.7	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
MSWZ	Mokau Station	9.30 207	P	Pn	04 54 41.9 -4.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
DUWZ	D'Urville Isla	9.57 210	P	Pn	04 54 42.9 -4.6	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
SNWZ	South Karori	9.57 210	Pn	Pn	04 54 43.7 +1.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
PLWZ	Palisier	9.50 207	Pn	Pn	04 54 46.8 -1.1	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
PLWZ	Palisier	9.50 207	Pn	Pn	04 54 43.2 -4.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
PLWZ	Palisier	9.50 207	Pn	Pn	04 54 42.8 -5.2	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
BHW	Baring Head	9.52 209	Pn	Pn	04 54 47.1 -1.0	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
BHW	Baring Head	9.52 209	Pn	Pn	04 54 44.8 -3.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TCW	Tory Channel	9.60 211	Pn	Pn	04 54 45.4 -3.9	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TCW	Tory Channel	9.60 211	Pn	Pn	04 54 45.0 -4.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TUWZ	Tuamarina	9.93 212	Pn	Pn	04 54 48.6 -5.1	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TUWZ	Tuamarina	9.93 212	Pn	Pn	04 54 49.2 -4.6	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
NWZ	Nelson	10.02 215	Pn	Pn	04 54 51.3 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
NWZ	Nelson	10.02 215	Pn	Pn	04 54 52.3 -3.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
CMWZ	Cape Campbell	10.07 210	Pn	Pn	04 54 51.5 -4.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
TKNZ	Takaka Hill	10.08 217	Pn	Pn	04 54 53.2 -3.7	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
QRZ	Quartz Range	10.15 219	Pn	Pn	04 54 53.5 -3.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
BSWZ	Blackbirch Sta	10.19 211	Pn	Pn	04 54 53.5 -3.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
MRNZ	Matariki Terra	10.46 216	Pn	Pn	04 54 56.5 -4.4	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
THZ	Topobuse	10.66 214	Pn	Pn	04 54 59.0 -4.9	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
KTZ	Chatham Island	10.72 170	Pn	Pn	04 55 05.7 +1.1	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
CHZ	Kahutara	10.90 210	Pn	Pn	04 55 02.5 -4.6	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
DSZ	Dennistown Nort	11.19 218	Pn	Pn	04 55 05.9 -5.2	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
GVZ	Greta Valley S	11.57 210	Pn	Pn	04 55 11.0 -5.2	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
LTZ	Lake Taylor	11.75 213	Pn	Pn	04 55 12.9 -6.7	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
AMCZ	Amberley	11.90 211	Pn	Pn	04 55 16.9 -3.9	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
INZ	Inchbonnie	12.10 215	Pn	Pn	04 55 18.0 -5.5	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
OXZ	Oxford	12.29 212	Pn	Pn	04 55 20.0 -6.1	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
MQZ	McQueen's Vall	12.33 209	Pn	Pn	04 55 19.9 -6.8	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 38.0 +1.7	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 39.3 +6.7	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2
RPZ	Rata Peaks	13.04 213	Pn	Pn	04 55 30.0 -6.3	STKA	Stephens Creek	33.04 261	P	P	05 01 47.7 -2.3	MORW	Morawa	54.89 256	P	P	05 02 08.2

GRAC	comp=Z,1um,18.0s	IAMs_20	IAMs_20	05 45 57.5
GRAC	Grapevine Rang baz=228,SNR=7.1	90.48	45 P	P 05 05 33.9 +1.2
PNTR	Pine Nut	90.61	42 P	P 05 05 33.3 -0.1
PNTR	comp=Z,60nm,1.1s	IAMs_20	IAMs_20	05 36 40.7
PNTR	comp=Z,1um,22.0s	IAMs_20	IAMs_20	05 36 40.7
L02F	Cave Junction	90.62	38 Iamb	Iamb 05 05 44.0
S14K	Fog Glacier	90.65	11 P	P 05 05 33.7 +0.6
LHV	Little Huntton	90.66	43 Iamb	Iamb 05 05 44.2
LHV	comp=Z,52nm,1.1s	IAMs_20	IAMs_20	05 46 08.2
PDMDI	Parker Dam,Lak	90.67	49 P	P 05 05 34.9 +1.3
NEE2	Needles Airpor	90.67	48 P	P 05 05 35.6 +2.0
GMN	Gold Mountain	90.75	45 Iamb	Iamb 05 05 44.6
YERR	Yerington	90.75	42 Iamb	Iamb 05 05 43.6
YERR	comp=Z,41nm,1.2s	IAMs_20	IAMs_20	05 36 21.2
WCT	Wildcat Mounta	90.78	45 Iamb	Iamb 05 05 44.4
WCT	comp=Z,27nm,1.2s	IAMs_20	IAMs_20	05 37 20.7
YBH	Yreka Blue Hor	90.78	39 Iamb	Iamb 05 05 44.5
YBH	comp=Z,828nm,20.0s	IAMs_20	IAMs_20	05 37 20.7
YBH	Yreka Blue Hor	90.78	39 LR	LR 05 37 20.4
HATC	Hat Creek Radi	90.80	40 Iamb	Iamb 05 41 59.3
HATC	comp=Z,1um,19.0s	IAMs_20	IAMs_20	05 41 59.3
CHGN	Chignik	90.85	11 P	P 05 05 34.1 +0.2
CHGN	Chignik	90.85	11 P	P 05 05 35.2 +1.4
NVAR	Mina Array Bea	90.90	43 P	P 05 05 35.5 +0.6
NVAR	Mina Array Bea	90.90	43 P	P 05 05 36.0 +1.1
NVAR	comp=Z,8.2nm,0.8s,baz=218,slow=8.0,SNR=30	IAMs_20	IAMs_20	05 40 38.6
MOIG	Morelia	90.96	67 Iamb	Iamb 05 39 24.7
K02D	Williamette Mer	90.98	37 Iamb	Iamb 05 37 44.2
NV11	Mina Array Sit	90.99	43 Iamb	Iamb 05 05 45.5
NV11	comp=Z,30nm,1.1s	IAMs_20	IAMs_20	05 46 34.8
PB14	IPOC Station P	91.08	120 Iamb	Iamb 05 05 39.8
V12A	Nelson	91.15	47 Iamb	Iamb 05 05 46.6
PAHR	Pah Rah Range	91.16	42 Iamb	Iamb 05 05 46.1
PAHR	comp=Z,24nm,1.1s	IAMs_20	IAMs_20	05 44 03.2
TIA	Taian	91.19	313 PP	PP 05 05 34.4 -1.6
TIA	comp=Z,5.0nm,0.6s	IAMs_20	IAMs_20	05 19 17.7 +2.2
TIA	comp=Z,96nm,3.7s	IAMs_20	IAMs_20	05 34 47.2
TIA	comp=Z,130nm,12.9s	IAMs_20	IAMs_20	05 34 47.2
TIA	comp=Z,150nm,17.2s	IAMs_20	IAMs_20	05 34 47.2
W13A	Hualapai Mount	91.34	48 Iamb	Iamb 05 05 48.3
W13A	comp=Z,1um,18.0s	IAMs_20	IAMs_20	05 41 13.9
L04D	Klamath Falls	91.34	38 P	P 05 05 37.3 +0.5
L04D	comp=Z,53nm,1.1s	IAMs_20	IAMs_20	05 05 46.9
SNY	Shenyang	91.35	321 PP	PP 05 05 38.2 +1.6
SNY	comp=Z,16nm,1.4s	IAMs_20	IAMs_20	05 38 21.6
SNY	comp=Z,160nm,4.9s	IAMs_20	IAMs_20	05 38 21.6
SNY	comp=Z,230nm,20.0s	IAMs_20	IAMs_20	05 38 21.6
SNY	comp=Z,240nm,17.5s	IAMs_20	IAMs_20	05 38 21.6
SNY	comp=Z,400nm,20.2s	IAMs_20	IAMs_20	05 38 21.6
KVN	Kaiserville	91.44	43 Iamb	Iamb 05 05 47.4
SHPR	Sheep Range	91.47	46 IAMs_20	IAMs_20 05 42 05.1
DBO	Dodson Butte	91.50	37 IAMs_20	IAMs_20 05 42 23.5
TUC	Tucson	91.56	52 P	P 05 05 39.4 +1.5
TUC	Tucson	91.56	52 IAMs_20	IAMs_20 05 43 14.2
TUC	comp=Z,1um,18.0s	IAMs_20	IAMs_20	05 43 14.2
TUC	baz=231	IAMs_20	IAMs_20	05 40 3.2 +2.4
TUC	Tucson	91.56	52 P	P 05 05 39.4 +1.5
TUC	comp=Z,60nm,1.1s	IAMs_20	IAMs_20	05 39 4.1 +1.5
ZAIG	Zacatecas	91.68	64 Iamb	Iamb 05 05 50.3
ZAIG	comp=Z,1um,19.0s	IAMs_20	IAMs_20	05 40 53.6
CN2	Changchun	91.80	323 eP	eP 05 05 38.1 -0.5
CN2	comp=Z,10.0nm,0.7s	IAMs_20	IAMs_20	05 05 45.0 +0.4
CN2	comp=Z,200nm,4.0s	IAMs_20	IAMs_20	05 16 36.8 -2.0
CN2	comp=Z,100nm,16.0s	IAMs_20	IAMs_20	05 16 36.8 -2.0
CN2	comp=Z,100nm,16.0s	IAMs_20	IAMs_20	05 16 36.8 -2.0
CN2	comp=Z,100nm,16.0s	IAMs_20	IAMs_20	05 16 36.8 -2.0
TLIG	Tiapa	91.82	70 Iamb	Iamb 05 05 52.1
SLI	Sitkinak Islan	91.86	13 P	P 05 05 40.0 +1.4
S11A	Rachel	91.87	45 Iamb	Iamb 05 05 50.0
K04D	Chiloquin, OR	91.92	38 IAMs_20	IAMs_20 05 46 58.7
319A	Douglas	91.99	53 Iamb	Iamb 05 05 51.6
319A	comp=Z,32nm,1.0s	IAMs_20	IAMs_20	05 42 09.6
PRN	Pahroc Range	92.13	46 Iamb	Iamb 05 05 52.4
GYA	Guliyang	92.13	300 P	P 05 05 39.5 -1.3
GYA	comp=Z,45nm,1.1s	IAMs_20	IAMs_20	05 16 10.2 -3.4
GYA	comp=Z,13nm,0.5s	IAMs_20	IAMs_20	05 16 38.8 -4.1
GYA	comp=Z,180nm,6.0s	IAMs_20	IAMs_20	05 16 38.8 -4.1
GYA	comp=Z,270nm,13.3s	IAMs_20	IAMs_20	05 16 38.8 -4.1
GYA	comp=Z,320nm,18.7s	IAMs_20	IAMs_20	05 16 38.8 -4.1
GYA	comp=Z,500nm,17.7s	IAMs_20	IAMs_20	05 16 38.8 -4.1
R16K	Pilot Point	92.20	11 P	P 05 05 41.4 +1.4
BNX	BinXian	92.26	326 PP	PP 05 05 39.8 -0.9
BNX	comp=Z,17nm,1.4s	IAMs_20	IAMs_20	05 09 22.8 +1.1
BNX	comp=Z,130nm,5.4s	IAMs_20	IAMs_20	05 16 46.2 +3.3
BNX	comp=Z,410nm,22.2s	IAMs_20	IAMs_20	05 22 57.7 +3.6
BNX	comp=Z,630nm,20.6s	IAMs_20	IAMs_20	05 22 57.7 +3.6
BNX	comp=Z,1um,21.7s	IAMs_20	IAMs_20	05 22 57.7 +3.6
PB05	IPOC Station P	92.30	119 Iamb	Iamb 05 05 45.3

GRNR	comp=Z,36nm,0.9s	92.34	334 PP	PP 05 05 47.3 +6.3
GRNR	comp=N,7.0nm,1.1s	IAMs_20	IAMs_20	05 47.3 +6.3
GRNR	comp=Z,30nm,1.1s	IAMs_20	IAMs_20	05 47.3 +6.3
BUCK	Buck Mountain	92.41	37 IAMs_20	IAMs_20 05 38 58.4
I04A	Tendick Farm,	92.41	37 Iamb	Iamb 05 05 51.2
R11B	Troy Canyon, C	92.43	45 IAMs_20	IAMs_20 05 43 07.2
R11B	comp=Z,765nm,19.0s	IAMs_20	IAMs_20	05 43 07.2
R11B	Troy Canyon, C	92.43	45 P	P 05 05 43.4 +1.4
K05A	Summer Lake	92.44	39 IAMs_20	IAMs_20 05 38 26.6
X16A	Lo Mia Camp, P	92.46	50 Iamb	Iamb 05 05 53.9
X16A	comp=Z,49nm,1.2s	IAMs_20	IAMs_20	05 39 44.6
COR	Corvallis	92.53	36 IAMs_20	IAMs_20 05 39 00.5
J05D	Fort Rock, OR	92.65	38 P	P 05 05 43.1 +0.2
J05D	comp=Z,31nm,1.0s	IAMs_20	IAMs_20	05 05 53.0
J05D	comp=Z,990nm,18.0s	IAMs_20	IAMs_20	05 47 22.1
OHAK	Old Harbor	92.66	14 P	P 05 05 43.2 +1.0
HEBO	Mount Hebo	92.76	36 IAMs_20	IAMs_20 05 44 32.5
HEBO	comp=Z,853nm,19.0s	IAMs_20	IAMs_20	05 44 32.5
BM06	IPOC Station P	92.85	119 Iamb	Iamb 05 05 47.9
BM06	comp=Z,19nm,0.8s	IAMs_20	IAMs_20	05 05 54.0
BNN	Battle Mountai	92.87	42 Iamb	Iamb 05 05 54.0
BNN	comp=Z,37nm,1.0s	IAMs_20	IAMs_20	05 41 29.5
BMN	comp=Z,778nm,19.0s	IAMs_20	IAMs_20	05 41 29.5
KLR	Kul'dur	92.97	300 P	P 05 05 41.4 -2.5
KLR	comp=Z,2.2nm,1.0s,baz=90,slow=5.1,SNR=4.7	IAMs_20	IAMs_20	05 44 58.9
KLR	comp=Z,733nm,19.2s,baz=144,slow=34	IAMs_20	IAMs_20	05 44 58.9
KLR	Kul'dur	92.97	330 eP	eP 05 05 41.7 -2.2
KLR	comp=Z,19nm,1.4s	IAMs_20	IAMs_20	05 41 7.2
LCMT	Little Creek M	92.97	47 Iamb	Iamb 05 05 55.4
LYN	LuoYang	93.04	310 eP	eP 05 05 49.5 +4.9
LYN	comp=Z,25nm,0.4s	IAMs_20	IAMs_20	05 49.5 +4.9
H04A	Detroit Lake	93.16	37 Iamb	Iamb 05 05 54.5
H04A	comp=Z,49nm,1.2s	IAMs_20	IAMs_20	05 39 23.2
H04A	comp=Z,762nm,20.0s	IAMs_20	IAMs_20	05 39 23.2
PINE	Pine Mountain	93.16	38 IAMs_20	IAMs_20 05 38 58.6
PINE	comp=Z,769nm,20.0s	IAMs_20	IAMs_20	05 38 58.6
U15A	North Rim	93.19	48 Iamb	Iamb 05 05 56.9
U15A	comp=Z,32nm,1.2s	IAMs_20	IAMs_20	05 40 18.7
WUAZ	Wupatki	93.19	49 IAMs_20	IAMs_20 05 40 38.1
WUAZ	comp=Z,1um,20.0s	IAMs_20	IAMs_20	05 40 38.1
WUAZ	Wupatki	93.19	49 P	P 05 05 45.8 +0.3
WUAZ	comp=Z,291	IAMs_20	IAMs_20	05 45 8.1
KNB	Kanab	93.23	47 Iamb	Iamb 05 05 56.8
KNB	comp=Z,32nm,1.1s	IAMs_20	IAMs_20	05 43 18.8
O14K	Tiguykaiuvet M	93.27	9 P	P 05 05 45.3 +0.3
O14K	comp=Z,1um,19.0s	IAMs_20	IAMs_20	05 45.3 +0.3
KDAK	Kodiak Island	93.32	14 IAMs_20	IAMs_20 05 50 30.1
KDAK	comp=Z,666nm,18.0s	IAMs_20	IAMs_20	05 50 30.1
KDAK	Kodiak Island	93.32	14 P	P 05 05 45.6 +0.3
KDAK	comp=Z,202	IAMs_20	IAMs_20	05 39 29.7
KDAK	Kodiak Island	93.32	14 LR	LR 05 39 29.7
Q12A	Willow Creek R	93.33	45 Iamb	Iamb 05 05 56.5
Q12A	comp=Z,376nm,21.1s,baz=220,slow=30	IAMs_20	IAMs_20	05 05 56.5
Q12A	comp=Z,31nm,1.1s	IAMs_20	IAMs_20	05 49 15.0
LVC	Limon Verde	93.39	120 P	P 05 05 47.6 +0.4
LVC	comp=Z,22nm,0.9s	IAMs_20	IAMs_20	05 05 51.4
LVC	Limon Verde	93.39	120 LR	LR 05 39 05.2
LVC	comp=Z,763nm,21.6s,baz=214,slow=30	IAMs_20	IAMs_20	05 39 05.2
LVC	Limon Verde	93.39	120 P	P 05 05 47.6 +0.4
LVC	comp=Z,22nm,0.9s	IAMs_20	IAMs_20	05 47.6 +0.4
O15K	Ungalikthuk R	93.40	10 P	P 05 05 46.8 +1.2
O15K	comp=Z,1um,19.0s	IAMs_20	IAMs_20	05 46.8 +1.2
Q16K	King Salmon	93.41	12 P	P 05 05 46.6 +1.0
HNS	HongShan	93.43	313 PP	PP 05 05 51.5 +5.2
HNS	comp=Z,779nm,19.0s	IAMs_20	IAMs_20	05 09 33.2 +2.1
HNS	comp=Z,25nm,1.4s	IAMs_20	IAMs_20	05 16 55.3 +1.7
HNS	comp=Z,310nm,18.1s	IAMs_20	IAMs_20	05 16 55.3 +1.7
HNS	comp=Z,450nm,19.1s	IAMs_20	IAMs_20	05 16 55.3 +1.7
WVOR	Wild Horse Val	93.44	40 IAMs_20	IAMs_20 05 43 45.4
WVOR	comp=Z,1um,19.0s	IAMs_20	IAMs_20	05 43 45.4
CMAR	Chiang Mai Arr	93.45	290 P	P 05 05 44.6 -2.2
CMAR	comp=Z,0.8nm,0.3s,baz=184,slow=2.7,SNR=1.5	IAMs_20	IAMs_20	05 44.6 -2.2
CMAR	comp=Z,0.9nm,0.4s,baz=137,slow=7.2,SNR=5.9	IAMs_20	IAMs_20	05 44.6 -2.2
CMAR	comp=Z,238nm,19.5s,baz=130,slow=37	IAMs_20	IAMs_20	05 49 39.7
X18A	Snowflake	93.49	51 Iamb	Iamb 05 05 58.4
X18A	comp=Z,22nm,1.2s	IAMs_20	IAMs_20	05 05 05.0
NNA	Nana	93.54	107 IAMs_20	IAMs_20 05 37 59.3
NNA	comp=Z,1um,21.0s	IAMs_20	IAMs_20	05 37 59.3
NNA	comp=Z,1um,20.5s,baz=238,slow=30	IAMs_20	IAMs_20	05 38 43.0
PSUT	Pine Spring	93.58	46 IAMs_20	IAMs_20 05 43 08.7
SPR3	Spring Creek 3	93.60	45 P	P 05 05 47.6 +0.1
RADR	Rader Ridge	93.61	35 IAMs_20	IAMs_20 05 38 29.0
PB09	IPOC Station P	93.65	119 Iamb	Iamb 05 05 52.4
121A	Cookes Peak, D	93.70	53 P	P 05 05 47.8 -0.1
PKCU	Pink Cliffs	93.82	47 Iamb	Iamb 05 06 00.1
PKCU	comp=Z,31nm,1.1s	IAMs_20	IAMs_20	05 43 46.3
M11K	Mekoryuk	93.82	6 P	P 05 05 47.3 -0.2
N14K	Kuskokwak Cree	93.87	9 P	P 05 05 48.0 +0.3
HOOD	Mount Hood Mea	93.88	37 IAMs_20	IAMs_20 05 39 55.3
TA02	Huaiquique	93.91	117 P	P 05 05 51.7 +2.6
P17K	Kvichak River	93.94	11 P	P 05 05 48.9 +0.9
G05A	Wamic	93.99	37 IAMs_20	IAMs_20 05 39 49.2
W18A	Petrified Fore	93.99	50 IAMs_20	IAMs_20 05 44 55.2
W18A	comp=Z,999nm,18.0s	IAMs_20	IAMs_20	05 44 55.2
O16K	Kokwok River B	94.05	11 P	P 05 05 49.3 +0.7
HMBC	Humberstone	94.09	117 P	P 05 05 51.1 +1.0
HMBC	comp=Z,19nm,0.8s	IAMs_20	IAMs_20	05 05 53.0
HMBC	comp=Z,828nm,18.0s	IAMs_20	IAMs_20	05 48 01.2
EPT	El Paso	94.11	55 IAMs_20	IAMs_20 05 41 28.0
I07A	Izee	94.11	39 Iamb	Iamb 05 05 59.5
I07A	comp=Z,23nm,1.0s	IAMs_20	IAMs_20	05 48 02.7
WISH	Wishkah	94.13	34 IAMs_20	IAMs_20 05 39 04.5
M13K	Dal Lake	94.15	8 P	P 05 05 48.7 -0.3
J08A	Circle Bar Ran	94.16	40 Iamb	Iamb 05 05 59.7
J08A	comp=Z,37nm,1.2s	IAMs_20	IAMs_20	05 49 01.2

Q19K

H20K	Anotleneega Mo	100.14	10	P	Pdif	05 06 16.7 +0.7
K24K	Donnelly Dome	100.20	14	P	Pdif	05 06 18.7 +2.3
WHY	Whitehorse	100.25	20	IAMS_20	IAMS_20	05 49 38.6
WHY	Whitehorse	100.25	20	P	Pdif	05 06 17.4 +0.6
NEA2	Nenana	100.26	13	IAMS_20	IAMS_20	05 56 40.5
N30M	Aishikik Lake	100.28	19	IAMS_20	IAMS_20	05 45 28.9
N30M	Aishikik Lake	100.28	19	P	Pdif	05 06 19.1 +2.3
MLY	Manley	100.36	12	P	Pdif	05 06 19.0 +1.9
RLMT	Red Lodge	100.36	42	IAMS_20	IAMS_20	05 49 50.0
RLMT	Red Lodge	100.36	42	P	Pdif	05 06 19.2 +1.3
PHWY	Pilot Hill	100.38	47	IAMS_20	IAMS_20	05 48 00.9
L27K	Beaver Creek	100.42	16	P	Pdif	05 06 19.9 +2.5
G19K	Purcell Moun	100.45	9	IAMS_20	IAMS_20	05 52 09.9
G19K	Purcell Moun	100.45	9	P	Pdif	05 06 19.3 +1.9
R33M	Jennings River	100.46	23	P	Pdif	05 06 19.6 +1.8
R33M	Jennings River	100.46	23	P	Pdif	05 06 19.6 +1.8
HDA	Harding Lake	100.50	14	P	Pdif	05 06 18.4 +0.7
K22A	Casper	100.51	46	P	Pdif	05 06 19.9 +1.5
P33M	Teslin, Yukon	100.52	22	IAMS_20	IAMS_20	05 45 23.5
CCB	Clear Creek Bu	100.55	13	IAMS_20	IAMS_20	05 48 33.4
WHYX	Lake Whitney	100.58	59	P	Pdif	05 06 19.9 +1.1
H21K	Melozitna Rive	100.60	11	P	Pdif	05 06 19.9 +1.8
N31M	Braeburn, Yuko	100.67	20	IAMS_20	IAMS_20	05 53 01.1
N31M	Braeburn, Yuko	100.67	20	P	Pdif	05 06 20.6 +2.1
HKT	Hockley	100.67	61	IAMS_20	IAMS_20	05 45 47.6
BRIGG	Briggisdale	100.67	48	IAMS_20	IAMS_20	05 47 13.9
I23K	Minto, Yukon-K	100.71	12	IAMS_20	IAMS_20	05 56 56.3
I23K	Minto, Yukon-K	100.71	12	P	Pdif	05 06 20.1 +1.6
M29M	Somme Creek	100.73	18	IAMS_20	IAMS_20	05 43 56.9
M29M	Somme Creek	100.73	18	P	Pdif	05 06 21.1 +2.2
SCRK	Sand Creek	100.73	15	P	Pdif	05 06 21.0 +2.2
COLA	College	100.74	13	IAMS_20	IAMS_20	05 48 39.2
COLA	College	100.74	13	P	Pdif	05 06 21.1 +2.4
COLA	College	100.74	13	P	Pdif	05 06 19.6 +0.9
E17K	Hotnam Inlet	100.81	7	P	Pdif	05 06 20.5 +1.5
ILAR	Elison Array	100.84	13	P	Pdif	05 06 18.8 -0.4
ILAR	Elison Array	100.84	13	P	Pdif	05 06 18.8 -0.4
ILAR	Elison Array	100.84	13	P	Pdif	05 06 18.8 -0.4
ILAR	Elison Array	100.84	13	P	Pdif	05 06 18.8 -0.4
KSC0	Kaye Shedlock	100.87	50	IAMS_20	IAMS_20	05 47 48.4
J25K	Salcha River,	101.00	14	P	Pdif	05 06 19.7 -0.3
J25K	Salcha River,	101.00	14	P	Pdif	05 06 20.6 +0.6
F19K	Shalercukik Mo	101.02	8	P	Pdif	05 06 21.4 +1.5
WMOK	Wichita Moun	101.11	56	IAMS_20	IAMS_20	05 45 48.6
N32M	Quiet Lake	101.18	21	IAMS_20	IAMS_20	05 49 41.1
N32M	Quiet Lake	101.18	21	P	Pdif	05 06 23.1 +2.3
K27K	Quiet Lake	101.18	21	P	Pdif	05 06 23.1 +2.3
E18K	Tukpahlearik C	101.26	7	P	Pdif	05 06 22.1 +1.1
M30M	Minto, Yukon	101.28	19	IAMS_20	IAMS_20	05 46 40.2
M30M	Minto, Yukon	101.28	19	P	Pdif	05 06 23.0 +1.8
J26L	Joseph Creek	101.28	15	P	Pdif	05 06 22.4 +1.2
D17K	Noatak River	101.29	6	P	Pdif	05 06 21.8 +0.7
G21K	Allakaket	101.30	10	P	Pdif	05 06 22.3 +1.1
H23K	Yukon River	101.30	12	P	Pdif	05 06 21.5 +0.3
L29M	L29M	101.37	18	IAMS_20	IAMS_20	05 44 16.5
L29M	L29M	101.37	18	P	Pdif	05 06 23.2 +1.6
F20K	Avarart Lake	101.49	9	IAMS_20	IAMS_20	05 52 16.4
F20K	Avarart Lake	101.49	9	P	Pdif	05 06 23.1 +1.1
ITAB	Concordia	101.60	133	IAMS_20	IAMS_20	05 53 45.4
H24K	Noodor Dome	101.61	13	IAMS_20	IAMS_20	05 47 15.0
M31M	Drury Creek, Y	101.64	20	IAMS_20	IAMS_20	05 45 41.8
RDOG	Red Dog Mine	101.65	6	IAMS_20	IAMS_20	05 44 05.4
C16K	Lisburne Hills	101.67	5	IAMS_20	IAMS_20	05 44 47.6
E19K	Redstone River	101.68	8	P	Pdif	05 06 24.3 +1.4
PRP	Porcupine Dome	101.77	14	P	Pdif	05 06 24.8 +1.3
237A	Washetta, Mont	101.77	60	IAMS_20	IAMS_20	05 47 29.5
EGMT	Eagleton	101.83	40	IAMS_20	IAMS_20	05 49 11.4
U32A	Winter Ranch,	101.84	54	IAMS_20	IAMS_20	05 48 08.7
FARO	Faro, Yukon	101.95	20	P	Pdif	05 06 25.6 +1.4
F21K	Alatna River	101.96	10	P	Pdif	05 06 25.5 +1.3
G22K	Bettles	101.98	11	P	Pdif	05 06 25.8 +1.6
TOAD	Toad River Com	102.02	25	P	Pdif	05 06 26.1 +1.5
G23K	Bananza Creek	102.02	11	P	Pdif	05 06 26.6 +2.1
C17K	DeLong Moun	102.04	6	P	Pdif	05 06 26.3 +1.8
EGAK	Eagle	102.05	16	P	Pdif	05 06 26.1 +1.5
I26K	Coal Creek Min	102.07	15	P	Pdif	05 06 26.2 +1.5
K29M	Barlow Dome	102.13	18	P	Pdif	05 06 25.8 +0.6
K29M	Barlow Dome	102.13	18	P	Pdif	05 06 26.3 +1.2
C18K	Utukok River	102.39	7	IAMS_20	IAMS_20	05 46 40.9
J29N	Klondike Camp	102.47	17	IAMS_20	IAMS_20	05 54 07.7
J29N	Klondike Camp	102.47	17	P	Pdif	05 06 29.2 +2.6
COLD	Coldfoot	102.47	11	P	Pdif	05 06 28.7 +2.4
NATX	Nacogdoches	102.47	60	IAMS_20	IAMS_20	05 46 43.3
D19K	Kuna River	102.57	8	P	Pdif	05 06 28.6 +1.8
E20K	Nigu River	102.57	9	P	Pdif	05 06 29.1 +2.2

baz=200	Liberty Lake	102.59	56	IAMS_20	IAMS_20	05 48 34.8
OK029	Liberty Lake	102.59	56	IAMS_20	IAMS_20	05 48 34.8
CROK	Carrier	102.60	55	IAMS_20	IAMS_20	05 49 39.9
OK032	Salt Plains WL	102.61	54	IAMS_20	IAMS_20	05 48 59.9
I27K	Kandik River	102.65	15	P	Pdif	05 06 29.3 +2.0
W35A	Tecumseh	102.66	56	IAMS_20	IAMS_20	05 46 48.6
BCIP	Isla Barro Col	102.67	87	IAMS_20	IAMS_20	05 42 15.6
RSSD	Blair Hills	102.83	46	P	Pdif	05 06 30.3 +1.5
I28M	Miner Creek	102.89	16	P	Pdif	05 06 29.8 +1.4
D20K	Etvulik River	102.95	8	P	Pdif	05 06 30.2 +1.7
C19K	Lookout Ridge	102.99	7	IAMS_20	IAMS_20	05 49 57.9
C19K	Lookout Ridge	102.99	7	P	Pdif	05 06 30.1 +1.4
LAO	LASA Array	103.00	42	IAMS_20	IAMS_20	05 54 32.8
E21K	Killik River	103.03	9	IAMS_20	IAMS_20	05 53 33.2
J30M	Hart River	103.03	18	P	Pdif	05 06 30.7 +1.6
441A	DeRidder	103.03	62	IAMS_20	IAMS_20	05 56 52.3
E22K	Anauvuk Pass	103.05	10	P	Pdif	05 06 31.1 +2.1
OK031	S. Brethren Rd	103.10	56	IAMS_20	IAMS_20	05 49 11.2
F24K	Squaw Lake	103.12	12	P	Pdif	05 06 30.6 +1.3
OK052	Battle Ridge R	103.15	56	IAMS_20	IAMS_20	05 49 07.4
I29M	Oglivio Camp,	103.20	16	P	Pdif	05 06 31.3 +1.6
H27K	Stemboat Moun	103.21	15	P	Pdif	05 06 30.7 +1.0
ETMB	Extrema	103.24	111	IAMS_20	IAMS_20	05 45 42.1
OK048	Pawnee Station	103.27	55	IAMS_20	IAMS_20	05 50 21.6
E23K	Chandler	103.32	11	P	Pdif	05 06 31.1 +0.9
G26K	Porcuene Rive	103.37	14	P	Pdif	05 06 32.1 +1.7
OK051	E0350 and S346	103.39	55	IAMS_20	IAMS_20	05 48 16.8
YAK	Yakutsk	103.46	338	IAMS_20	IAMS_20	05 47 55.7
I30M	Mount Dempster	103.55	17	P	Pdif	05 06 32.0 +0.6
C21K	Knifblade Rid	103.59	9	P	Pdif	05 06 32.1 +1.5
D22K	Aiyikyak River	103.62	10	IAMS_20	IAMS_20	05 53 52.7
D22K	Aiyikyak River	103.62	10	P	Pdif	05 06 33.4 +2.0
G27K	Doyon Strip	103.67	14	P	Pdif	05 06 33.9 +2.1
TUL3	Leonard	103.81	56	P	Pdif	05 06 34.0 +0.9
T35A	Sooner Cattle	103.83	55	IAMS_20	IAMS_20	05 50 00.4
TOLK	Toolik Lake Re	103.86	11	P	Pdif	05 06 33.4 +0.8
H29M	Whitestone	103.89	16	P	Pdif	05 06 34.7 +1.9
F26K	Sheenjek River	103.95	13	P	Pdif	05 06 34.0 +1.0
D23K	Nanushuk River	103.98	10	P	Pdif	05 06 34.9 +1.9
B21K	Ikpikpuk River	104.05	9	IAMS_20	IAMS_20	05 56 16.1
B21K	Ikpikpuk River	104.05	9	P	Pdif	05 06 35.6 +2.3
E25K	Arctic Village	104.06	12	IAMS_20	IAMS_20	05 55 53.8
E25K	Arctic Village	104.06	12	P	Pdif	05 06 35.7 +2.2
B20K	Mesade River	104.12	8	P	Pdif	05 06 36.0 +2.4
EPYK	Eagle Plains	104.40	16	P	Pdif	05 06 37.6 +2.6
RLO	Rozz Lookout	104.47	56	IAMS_20	IAMS_20	06 00 05.6
H31M	Peel River	104.53	17	IAMS_20	IAMS_20	05 55 11.9
H31M	Peel River	104.53	17	P	Pdif	05 06 37.9 +2.3
G29M	Pine Creek	104.55	16	P	Pdif	05 06 37.9 +2.3
Z41A	Richland Creek	104.59	60	IAMS_20	IAMS_20	05 48 53.1
MIAR	Mount Ida	104.68	58	IAMS_20	IAMS_20	05 47 14.3
MIAR	Mount Ida	104.68	58	P	Pdif	05 06 37.9 +1.5
F28M	Old Crow	104.73	10	P	Pdif	05 06 37.9 +1.5
C23K	Itkillik River	104.79	10	P	Pdif	05 06 37.9 +1.5
E27K	Coleen River	104.86	14	P	Pdif	05 06 37.9 +1.5
B22K	Teshhepuk Lake	104.88	9	P	Pdif	05 06 37.9 +1.5
K24K	Kansas State U	104.88	53	P	Pdif	05 10 52.6 -0.3
CSU1	Franklin Bluff	104.97	11	P	Pdif	05 10 52.1 +0.1
ROSC	El Rosal	105.00	94	IAMS_20	IAMS_20	05 49 45.2
G30M	Aoah Zraii Nji	105.02	16	P	Pdif	05 10 52.4 +0.1
BGNE	Belgrade	105.05	50	IAMS_20	IAMS_20	05 49 31.0
DGMT	Dagm	105.12	42	IAMS_20	IAMS_20	05 55 06.1
X40A	Basin Creek Fa	105.18	59	IAMS_20	IAMS_20	05 50 30.7
A22K	Sinclair Lake	105.31	8	P	Pdif	05 10 53.3 +0.7
143A	Socs Landing,	105.33	61	IAMS_20	IAMS_20	05 49 02.0
A21K	Barrow	105.42	7	P	Pdif	05 10 52.7 -0.1
G31M	Satah River	105.43	17	P	Pdif	05 10 52.6 -0.3
F30M	Barrier River	105.62	16	P	Pdif	05 10 53.0 -0.4
E28M	Babbage River	105.63	14	P	Pdif	05 10 53.4 -0.0
C27K	Jago River	105.71	12	P	Pdif	05 10 53.5 -0.0
VBMS	Vicksburg	105.74	62	IAMS_20	IAMS_20	05 58 20.0
C26K	Camden Bay	105.75	12	P	Pdif	05 10 54.0 +0.5
E29M	Bloer River	105.79	15	P	Pdif	05 10 54.1 +0.5
D27M	Malcolm River	105.89	13	P	Pdif	05 10 55.4 +1.5
F31M	Tsiglithic	105.97	17	P	Pdif	05 10 54.8 +0.9
SUSD	Miller	106.09	47	IAMS_20	IAMS_20	05 56 24.3
346A	Big Creek Wild	106.12	63	IAMS_20	IAMS_20	05 58 33.1
SAML	Samuel	106.14	112	IAMS_20	IAMS_20	05 53 00.6
E28A	Huff	106.14	45	IAMS_20	IAMS_20	05 51 25.1
D28M	Stokes Point	106.39	14	P	Pdif	05 10 54.8 +0.1
L34A	Svensden Farm,	106.47	50	IAMS_20	IAMS_20	05 52 57.9
INK	Inuvik	106.70	16	P	Pdif	05 10 54.5 -0.7
SPB	Sao Paulo	107.14	134	IAMS_20	IAMS_20	05 54 55.8
ECSD	EROS Data Cent	107.20	49	IAMS_20	IAMS_20	05 50 34.7
ECSD	EROS Data Cent	107.20	49	P	Pdif	05 10 56.7 -0.3

P38A	Dawn	107.21	54	IAMS_20	IAMS_20	05 51 42.8
Y45A	Yeager Farm, C	107.26	61	IAMS_20	IAMS_20	05 52 33.9
MDND	Madlock	107.43	44	IAMS_20	IAMS_20	05 52 59.1
OXF	Oxford	107.66	60	IAMS_20	IAMS_2	

2018 JUN

1d 4h

Table with columns: Call sign, Name, Frequency, Mode, Band, Date, Time, and other parameters. Includes entries like Y60A Bolivia, O53A New Philadelphia, W59A Clinton, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Date, Time, and other parameters. Includes entries like UOSS Minazif, KMBO Kilima Mbogo, NUUC Nuugatsiiaq, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, Date, Time, and other parameters. Includes entries like AAL Aaland, MOL Molde, DOMB Dombas, etc.

CLL	comp=Z,580nm,20.0s	Colim	159.84 338	epPKP/PK	pPKP/PK	05 12 34.0	0.0
CLL	comp=Z,62nm,1.1s			iPKP/PK	pPKP/PK	05 13 06.9	-1.8
CLL						05 13 10.3	-0.1
CLL				ex	PP	05 16 51.0	+0.9
CLL				ex	SXKS	05 20 06.0	
CLL				ex	SXKS	05 23 42.0	+3.7
CLL				ex	SS	05 24 30.0	
CLL				ex	SS	05 27 12.0	
CLL				ex	SS	05 30 06.0	
CLL				ex	SS	05 36 48.0	-9.3
CLL				ex	SSS	05 43 06.0	
CLL				ex	SSS	05 47 06.0	
CLL				ex	SSS	05 51 18.0	
CLL				AMS	AMS	06 31 00.0	
CLL	comp=Z,500nm,20.7s	Colim	159.84 338	epKIKP	pPKP/PK	05 12 34.0	0.0
CLL	comp=Z,62nm,1.1s			pmx	pmx		
CLL				MLR	MLR		
CLL	comp=Z,500nm,20.7s	Colim	159.84 338	epPKP	pPKP	05 13 12.7	+4.1
BRG	comp=Z,27,slow=4.4	Bergjesshubel	159.89 335	epPKP	PKP/PK	05 12 34.7	+5.0
BRG	comp=Z,27,slow=0.7			epPKP	pPKP	05 13 12.5	-0.8
JAVC	comp=Z,27,slow=4.4	Velka Javorina	159.94 326	epPKP	PKP/PK	05 12 27.7	-2.1
TOAO	comp=Z,5,1nm,0.9s	Torodi Ar. Sit	160.05 182	epPKP	PKP/PK	05 12 30.7	-0.2
TORD	comp=Z,5,1nm,0.9s	Torodi Ar. Bea	160.05 182	PKP	PKP/PK	05 12 30.0	-0.9
TORD	comp=Z,17nm,0.7s	baz=173,slow=4.2,SNR=20		PKP	PKP/PK	05 13 10.3	-0.1
TORD	comp=Z,2.5nm,1.0s	baz=173,slow=2.2,SNR=3.6		PP	PP	05 16 51.5	+0.6
VRAC	comp=Z,2.5nm,1.0s	baz=173,slow=2.2,SNR=3.6		PKP	PKP/PK	05 12 28.0	-1.9
VRAC	comp=Z,2.5nm,1.0s	baz=173,slow=2.2,SNR=3.6		PKP	PKP/PK	05 13 14.5	
CLZ	comp=Z,27,slow=4.4	Clausthal	160.12 343	epPKP	pPKP	05 13 14.0	+4.1
IBBN	comp=Z,27,slow=4.4	lbenburen	160.25 347	epPKP	pPKP	05 13 14.8	+4.4
NEUB	comp=Z,27,slow=4.4	Neuburg	160.30 339	epPKP	pPKP	05 13 14.5	+3.9
KRUC	comp=Z,27,slow=4.4	Kruh	160.37 328	epPKP	PKP/PK	05 12 28.5	-1.7
KRUC	comp=Z,27,slow=4.4	Kruh	160.37 328	epPKP	PKP/PK	05 13 15.4	
MODS	comp=Z,27,slow=4.4	Modra-Piesok	160.46 326	epPKP	PKP/PK	05 12 33.3	+2.9
MODS	comp=Z,27,slow=4.4	Modra-Piesok	160.46 326	epPKP	PKP/PK	05 13 12.2	
MODS	comp=Z,27,slow=4.4	Modra-Piesok	160.46 326	epKIKP	PKP/PK	05 12 33.3	+2.9
PLN	comp=Z,27,slow=0.7	Plauen	160.82 338	epPKP	PKP/PK	05 12 34.7	+4.0
PLN	comp=Z,27,slow=4.4	Plauen	160.82 338	epPKP	pPKP	05 13 17.5	+0.1
MOX	comp=Z,27,slow=0.7	Moxa	160.85 339	epPKP	PKP/PK	05 12 34.9	+4.2
MOX	comp=Z,27,slow=4.4	Moxa	160.85 339	epPKP	pPKP	05 13 17.0	-0.5
MOX	comp=Z,27,slow=4.4	Moxa	160.85 339	epPKP	pPKP	06 27 31.2	
UBBA	comp=Z,515nm,21.3s	Unterbreizbach	161.15 342	epPKP	PKP/PK	05 12 34.0	+3.1
UBBA	comp=Z,27,slow=0.7	Unterbreizbach	161.15 342	epPKP	pPKP	05 13 17.2	-1.5
BUG	comp=Z,27,slow=4.4	Buchum-Univer	161.17 348	epPKP	pPKP	05 13 18.9	+4.5
KASTN	comp=Z,27,slow=4.4	Kahler Asten	161.17 345	epPKP	PKP/PK	05 12 34.2	+3.1
KASTN	comp=Z,27,slow=4.4	Kahler Asten	161.17 345	epPKP	pPKP	05 13 18.5	-0.4
MANZ	comp=Z,27,slow=4.4	Manzenberg	161.27 337	epPKP	pPKP	05 13 19.1	+4.1
RONA	comp=Z,27,slow=4.4	Rosalia, Austr	161.41 326	epPKP	PKP/PK	05 12 31.1	-0.4
RONA	comp=Z,5,9nm,1.1s	Rosalia, Austr	161.41 326	iPKP	PKP/PK	05 13 15.1	-0.7
CONA	comp=Z,2,22nm,1.6s	Conrad Observa	161.44 327	epPKP	PKP/PK	05 12 31.8	+0.2
CONA	comp=Z,2,5nm,1.5s	Conrad Observa	161.44 327	epPKP	PKP/PK	05 13 15.3	-0.6
KHC	comp=Z,3,1nm,1.8s	Kasperske Hory	161.47 333	epPKP	PKP/PK	05 13 15.1	-0.8
KHC	comp=Z,3,1nm,1.8s	Kasperske Hory	161.47 333	epPKP	PKP/PK	05 12 29.5	-2.0
KHC	comp=Z,3,1nm,1.8s	Kasperske Hory	161.47 333	epPKP	PKP/PK	05 13 15.1	-0.8
KHC	comp=Z,3,1nm,1.8s	Kasperske Hory	161.47 333	epPKP	PKP/PK	05 12 29.5	-2.0
GECC	comp=Z,27,slow=0.7	GERESS Array S	161.65 332	epPKP	PKP/PK	05 12 33.8	+2.0
GECC	comp=Z,27,slow=0.7	GERESS Array S	161.65 332	epPKP	pPKP	05 13 21.1	-0.1
GERES	comp=Z,27,slow=4.4	GERESS Array B	161.65 332	PKP	PKP/PK	05 12 31.1	-0.7
GERES	comp=Z,4,1nm,0.4s	baz=145,slow=2.5,SNR=1.1		PKP	PKP/PK	05 13 15.1	-1.7
GRF	comp=Z,2,2,8nm,0.8s	baz=32,slow=6.2,SNR=3.9		PKP	PKP/PK	05 13 22.6	+5.2
GRF	comp=Z,27,slow=4.4	Grabenberg Arr	161.81 338	epPKP	pPKP	06 31 26.2	
GRF	comp=Z,514nm,20.7s	Grabenberg Arr	161.81 338	epPKP	pPKP	05 12 35.8	+3.9
AHRW	comp=Z,27,slow=0.7	Bad Neuenahr-A	162.06 347	epPKP	PKP/PK	05 13 22.1	-0.6
AHRW	comp=Z,27,slow=4.4	Bad Neuenahr-A	162.06 347	epPKP	pPKP	05 13 22.4	+3.8
TNS	comp=Z,27,slow=4.4	Tanus Mts	162.08 344	epPKP	pPKP	05 12 32.0	-0.2
ARSA	comp=Z,2,6,8nm,1.3s	Arzberg	162.09 326	epPKP	PKP/PK	05 13 17.9	-0.8
ARSA	comp=Z,1,13nm,1.5s	Arzberg	162.09 326	iPKP	PKP/PK	05 12 36.3	+4.2
MEM	comp=Z,1,13nm,1.5s	Membach	162.18 349	epPKP	PKP/PK	05 13 18.2	-0.7
MEM	comp=Z,1,13nm,1.5s	Membach	162.18 349	epPKP	PKP/PK	05 13 24.4	+0.5
MEM	comp=Z,1,13nm,1.5s	Membach	162.18 349	epPKP	PKP/PK	05 13 24.3	+5.3
MOA	comp=Z,1,17nm,1.5s	Molin	162.21 329	iPKP	PKP/PK	05 13 17.6	-1.6
BHOJ	comp=Z,27,slow=4.4	Houvezne	162.43 349	epPKP	PKP/PK	05 13 18.8	-1.2
BHOJ	comp=Z,27,slow=4.4	Houvezne	162.43 349	epPKP	PKP/PK	05 13 19.2	-0.9
BCLA	comp=Z,27,slow=4.4	Clavier	162.47 351	epPKP	PKP/PK	05 13 25.1	-0.9
BCLA	comp=Z,27,slow=4.4	Clavier	162.47 351	epPKP	PKP/PK	05 12 30.7	-1.8
BCLA	comp=Z,27,slow=4.4	Clavier	162.47 351	epPKP	PKP/PK	05 13 18.1	-2.3
BCLA	comp=Z,27,slow=4.4	Clavier	162.47 351	epPKP	PKP/PK	05 13 25.6	+0.8
BCLA	comp=Z,27,slow=4.4	Clavier	162.47 351	epPKP	PKP/PK	05 12 32.3	-0.3
BIOA	comp=Z,27,slow=4.4	Bad Ischl, Aus	162.60 330	epPKP	PKP/PK	05 13 20.3	-0.6
BIOA	comp=Z,27,slow=4.4	Bad Ischl, Aus	162.60 330	epPKP	PKP/PK	05 12 32.0	-0.6
BMRD	comp=Z,27,slow=4.4	Maredous	162.65 352	epPKP	PKP/PK	05 13 19.3	-1.6
BMRD	comp=Z,27,slow=4.4	Maredous	162.65 352	epPKP	PKP/PK	05 13 25.6	+0.2
SOKA	comp=Z,1,2nm,0.6s	Soboth	162.74 325	epPKP	PKP/PK	05 12 33.3	+0.3
SOKA	comp=Z,1,2nm,0.6s	Soboth	162.74 325	epPKP	PKP/PK	05 13 20.3	-1.3
DOU	comp=Z,1,16nm,1.4s	Dourbes	162.88 352	epPKP	PKP/PK	05 13 22.9	+0.1
DOU	comp=Z,1,16nm,1.4s	Dourbes	162.88 352	epPKP	PKP/PK	05 13 20.0	-1.9
DOU	comp=Z,1,16nm,1.4s	Dourbes	162.88 352	epPKP	PKP/PK	05 13 27.0	-0.9
RJOB	comp=Z,27,slow=4.4	Jochberg	162.90 332	epPKP	PKP/PK	05 13 26.3	+4.1
WLF	comp=Z,27,slow=4.4	Waifardenge	163.07 348	epPKP	PKP/PK	05 13 28.5	+5.7
WLF	comp=Z,27,slow=4.4	Waifardenge	163.07 348	epPKP	PKP/PK	05 12 32.5	-0.6
WLF	comp=Z,27,slow=4.4	Waifardenge	163.07 348	epPKP	PKP/PK	05 13 28.8	+5.7
OBKA	comp=Z,27,slow=4.4	Obir	163.09 326	epPKP	PKP/PK	05 12 36.0	-1.7
OBKA	comp=Z,27,slow=4.4	Obir	163.09 326	epPKP	PKP/PK	05 13 21.0	-2.2
FUR	comp=Z,5,0nm,1.1s	Furstenfeldbru	163.11 335	epPKP	PKP/PK	05 12 37.2	+4.1
FUR	comp=Z,5,0nm,1.1s	Furstenfeldbru	163.11 335	epPKP	PKP/PK	05 13 28.3	-0.8
KBA	comp=Z,27,slow=4.4	Koelnbreisner	163.20 329	epPKP	PKP/PK	05 12 32.4	-1.1
KBA	comp=Z,2,8nm,1.2s	Koelnbreisner	163.20 329	iPKP	PKP/PK	05 13 23.0	-0.8
LESA	comp=Z,5,8nm,1.0s	Schwarzleotal	163.20 331	iPKP	PKP/PK	05 12 31.9	-1.4
LESA	comp=Z,5,8nm,1.0s	Schwarzleotal	163.20 331	epPKP	PKP/PK	05 13 22.5	-1.1
STU	comp=Z,6,4nm,0.8s	Stuttgart	163.23 341	epPKP	PKP/PK	05 13 28.0	+4.4
MYKA	comp=Z,2,8,1nm,1.1s	Terra Mystica	163.42 328	epPKP	PKP/PK	05 12 32.6	-1.0
MYKA	comp=Z,2,8,1nm,1.1s	Terra Mystica	163.42 328	epPKP	PKP/PK	05 13 22.9	-1.7
LJU	comp=Z,4,8nm,0.8s	Ljubljana	163.44 325	iPKP	PKP/PK	05 12 31.2	-2.3
LJU	comp=Z,4,8nm,0.8s	Ljubljana	163.44 325	iPKP	PKP/PK	05 12 37.9	-0.1
BOJS	comp=Z,4,8nm,0.8s	Bojanci	163.46 322	epPKP	PKP/PK	05 12 30.8	-2.7
BOJS	comp=Z,4,8nm,0.8s	Bojanci	163.46 322	epPKP	PKP/PK	05 12 37.8	-0.1

BOJS	comp=Z,4,8nm,0.8s	Walderalim	163.71 333	epPKP	PKP/PK	05 13 26.4	+1.7
WATA	comp=Z,9,5nm,0.7s	Walderalim	163.71 333	epPKP	PKP/PK	05 12 33.2	-0.7
WATA	comp=Z,3,8nm,0.5s	Walderalim	163.71 333	epPKP	PKP/PK	05 13 24.9	-1.0
WATA	comp=Z,3,8nm,0.5s	Walderalim	163.71 333	epPKP	PKP/PK	05 12 35.1	+1.1
WTTA	comp=Z,14nm,1.2s	Walderalim	163.71 333	epPKP	PKP/PK	05 13 25.3	-0.9
ABTA	comp=Z,6,9nm,1.0s	Abfaltersbach	163.81 330	iPKP	PKP/PK	05 12 33.0	-0.9
ABTA	comp=Z,4,3nm,0.7s	Abfaltersbach	163.81 330	iPKP	PKP/PK	05 13 25.5	-0.8
BFO	comp=Z,2,1nm,0.8s	Black Forest	163.87 342	epPKP	PKP/PK	05 13 24.9	-1.5
BFO	comp=Z,2,1nm,0.8s	Black Forest	163.87 342	epPKP	PKP/PK	05 13 24.9	-1.5
BFO	comp=Z,2,1nm,0.8s	Black Forest	163.87 342	epPKP	PKP/PK	05 13 30.4	+4.0
MOTA	comp=Z,2,1nm,0.8s	Moosalm	163.87 334	iPKP	PKP/PK	05 12 33.2	-0.8
MOTA	comp=Z,2,1nm,0.8s	Moosalm	163.87 334	iPKP	PKP/PK	05 13 25.6	-1.1
RETA	comp=Z,1,2nm,1.3s	Reutte	163.87 335	epPKP	PKP/PK	05 12 33.5	-0.5
RETA	comp=Z,1,2nm,1.3s	Reutte	163.87 335	epPKP	PKP/PK	05 13 25.9	-0.7
UBR	comp=Z,2,4nm,1.7s	Ueberuhr	163.93 337	epPKP	PKP/PK	05 13 31.0	+4.3
SQTA	comp=Z,2,1nm,1.0s	Sankt Quirin	163.94 334	epPKP	PKP/PK	05 12 34.8	+0.7
SQTA	comp=Z,2,1nm,1.0s	Sankt Quirin	163.94 334	epPKP	PKP/PK	05 13 26.2	-0.7
FETA	comp=Z,2,2nm,1.3s	Feichten	164.28 334	iPKP	PKP/PK	05 13 32.6	-1.9
FETA	comp=Z,2,2nm,1.3s	Feichten	164.28 334	iPKP	PKP/PK	05 13 27.8	-0.7
DAVA	comp=Z,2,14nm,0.9s	Damuels	164.35 337	epPKP			

1d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURSB Kurchatov Arra, ESDC Sonseca Array, KIRV Kirov, ZALV Zalesovo Beam, QSPA South Pole Qui, HFS Hagfors, NOA NORSAR Array B, EKA Eskdalemuir Ar, ASAR Alice Springs, BDFB Brasilia, CPUP Villa Florida, PDAR Pinedale Array, TXAR Lajitas Array, NVAR Mina Array Bea, NVAR JOW.

IDD 01 07:15:54.7-0.5,5:34S,132:29E,h0km,mb4.4/14, mbmp4.5/16,ML2.8/1,MS3.6/19,Error ellipse: s-maj=27.8km s-min=12.7km az=72.0 BUJ 01 07:15:58.6-0.0,5:48S,132:00E,h36km,mb4.8/37, mb4.9/13,Ms4.6/3,Ms7.4/3.3 DJA 01 07:15:59.3-0.3,5:33S,133:22E,h44km,5km,M4.8/36, mb5.3/12,mb5.0/36,MLV4.9/9,MW(mb)4.7/12 NEIC 01 07:16:00.5-0.9,5:25S,102:06E,132:30E,0.7, h39km,7km, mb4.7/62,Error ellipse: s-maj=10.7km s-min=8.6km

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KMPFI Kaimana, Papua, FAKI Fak Fak, BNDI Bandanaira, LBMI Labuha, SANI Sanana, DRS Darwin Rock St, KDU Kakadu, MTN Mantion Dam, GENE Genyem, TABU Tabuili, SOEI Soe, BATI Baumenta, BATI Baumenta, KMSI Cibinong, LUWI Luwuk, MMRI Maumere, GTOI Gorontalo, EDFI Ende, BKSI Bulukumba, KAPI Kappang, BASI Baing, Sumba, TOLJ Tolitoli, COEI Coen, WRA Waramunga Arr, WRA Waramunga Arr, WRA Waramunga Arr, PLAI Plampang, PMG Port Moresby, TWSI Taliwang, QIS Mount Isa, MTSU Mount Surprise, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, JAGI Jajag, JAGI Jajag, TVIH Townsville Har, MBWA Marble Bar, MBWA Marble Bar, MBWA Marble Bar, MBWA Marble Bar, CTAO Charters Tower, CTAO Charters Tower, WRKA Warakurna, WRKA Warakurna, PSACI Pilbara Seismi.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PAA00 Pilbara Seismi, PAA00 Pilbara Seismi, PAA00 Pilbara Seismi, PAA00 Pilbara Seismi, SBUM Sibau, GUDO Gudatada, KPJI Karang Pucung, INKA Inmakina, QLP Qulipie, QLP Qulipie, BBJJ Bungbulang, MULG Mulgathing, RK1H Rockhampton Ha, CNJI Cibinong, LCRK Leigh Creek, FORF Forrest, FORF Forrest, FORF Forrest, BBOO Buckleboe, BBOO Buckleboe, HNR Honiara, KMBL Kambalda, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, MORW Morawa, MORW Morawa, CMSA Cobar Meteorol, ARMA Armidale, JOW Kunigunde, ARPS Arps, IPM Ipoh, IPM Ipoh, KULM Kulim, KULM Kulim, CANB Canberra, UBPT Ubung, UBPT Ubung, UBPT Ubung, JCJ Chichewa, TOO Toolangi, DZM Mont Dzumac, DZM Mont Dzumac, JUNU Nakatsue, JUNU Nakatsue, NJJ Hachijo jima 2, NJJ Nanjing, WHN Wuhan, GRAI Guangrao, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KMTI Khamti, KMTI Kunming, KMTI Kunming, MJAR Matsushiro Arr, KRSR Karsa Array, KRSR Karsa Array, PZH PanZhihua, PZH PanZhihua, TIA Tai'an, TIA Tai'an, HNS HongShan, HNS HongShan, LZH Lanzhou, LZH Lanzhou, USRK Ussuriysk Arr, HHC Hu-hao-tse, HHC Hu-hao-tse, MDJ Mudanjiang, MDJ Mudanjiang, SHL Shillong, ASAJ Asahikawa, WHZ Weather Hill R, LBZ Lake Benmore, XLT XiLinHaoTe, XLT XiLinHaoTe, XLT XiLinHaoTe, TUWZ Tuamarina, URZ Urewera, PALK Palkelele, GTA Gaotai, GTA Gaotai, HEH Heihe, SONM Songoing Array, SONM Songoing Array, PETK Petropavlovsk, PETK Petropavlovsk, WMQ Wmquo, WMQ Wmquo, SHEM Shemya Is, Al, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, KSH Kashi, KSH Kashi, KSH Kashi.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BOOM Booms koye usch, AAK Ala-Archa, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, ARSB Arslanbob, DRK Karamyk, KBL Kabul, GAR Garm, GAR Garm, BTK Batken, BTK Batken, KURB Kurchatov Arr, KURK Kurchatov, CHGR Chuyangarr, CHGR Chuyangarr, SIMJ Simiganj, SIMJ Simiganj, KK31 Karatay Array, KKAR Karatay Array, VNA Vanda, VNA Vanda, SBA Scott Base, TIXI Tiksi, TIXI Tiksi, MAW Mawson, MAW Mawson, BRVK Borovoye, BRVK Borovoye, GEYT Geiyti, GEYT Geiyti, ABKAR Akbulak arry, L14K Kukka Creek, M14K Bethel, M14K Bethel, M16K Timber Creek, M16K Timber Creek, L16K Ohwah River, L16K Ohwah River, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, J18K Innoko River, J18K Innoko River, N19K Sonizez, L19K White Mountain, M19K Big River Lodge, M19K Big River Lodge, G19K Purcell Mountain, G19K Purcell Mountain, H19K Roundabout Mou, B22K Teshekpuq Lake, B22K Teshekpuq Lake, DHY Denali Highway, DHY Denali Highway, ELIB Eielson Array, ELIB Eielson Array, ILAR Burnt Mountain, TORD Torodi Ar, Bea, LVC Limon Verde, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio.

IDD 01 07:19:57.6-2.7,32:26N,50:11E,h0km,mb3.8/6, mbmp3.7/7,ML3.3/1,MS3.0/3,Error ellipse: s-maj=52.4km s-min=33.8km az=152.0 TEH 01 07:20:05.4,32:49N,49:22E,h8km,31km,ML3.7 ISC 01 07:20:05.4-0.7,32:46N,0:04,49:22E,0:04,h10km,n52, c184/48,mb3.7/6,Western Iran

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AHWZ Ahwaz, JHBN Jahwan, ZNGN Zangian, IPIR Pirpir, IKFM Kafar-mosalman, IDOB Doab, BRJJ Broomfield, ABEM Abem, HSH Behbahan, IKHL Kolahrood, QAMS Qams, IBZA Bozab, HAGD Hagedarah, IGAR Gharneh, KLNJ Koljanj, KCHF Cheshme Sefid, INZF Zefreh, SQZR Sonqor, Kerman, IRAM Ramshesh, IQOM Qom, KRSH Karshahi, IGHG Ghaleghazi, IRAG Razezhan, ILIN Lian, ISFB Seifdab, GLGI Gilan-e-Gharb, IDHR Dehras, QAGB Abgarm-Qazvin, IVRN Varamin, ISAD Isfahd, ANAR Anarak, IDMV Damavand, ILAS Lasjerd, IFIR Firoozkooh, ICHK Chekchek, DSBU Dashti - Bushe.

Table with columns: LCND, iS, Sb, 09 15 27.5, -0.3, 09 15 31.3. Includes station names like ZALESOVO INFRA, ZALESOVO Array, ZALV Zalesovo Beam, etc.

ADC 01 09:37:40.3±0.7, 12:87'S:45:60'E, h0km, mb4.0/14, mtbtp4.1/17, ML4.4/3, MS3.5/9, Error ellipse: s-maj=1.7km s-min=1.2km az=72.0

NEIC 01 09:37:41.2±1.8, 12:88'S:06:45:80'E:0.06, h10km, 1km, mb4.6/17, Error ellipse: s-maj=14.6km s-min=4.5km az=223.0

ISC 01 09:37:40.7±0.4, 12:97'S:06:45:64'E:0.07, h10km, n58, az=15/50, mb4.2/19, MS3.6/7, Northwest of Madagascar

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h m s, ISC. Includes station names like ABPOH, VOI, FOMAR, RIVERA, etc.

Table with columns: ABKAR, Akbulak array, 63.22 10 P, 09 48 09.9, +0.7, 09 48 17.2. Includes station names like MDT, GERES, MKAR, etc.

RNSC 01 09:53:35.4±0.0, 11°N, 3°7'W, h1km, M2.4, mb3.5, ML2.4, Near north coast of Colombia

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h m s, ISC. Includes station names like SANTA MARTA, CRUC, ARGUANI, etc.

ADC 01 10:06:45.8±1.1, 17:12'N:145:64'E, h189km, 10km, mb4.0/30, mtbtp4.4/32, MS3.1/4, Error ellipse: s-maj=12.8km s-min=8.0km az=84.0

DJA 01 10:06:47.0±0.6, 17°N, 3°14'W, h190km, 6km, M5.0/39, ML2.5/9, MS3.1/39, MLW4.5/11, MW(5)1.5/12, MW(6)3.3/13, MW(7)3.3/13

NEIC 01 10:06:47.1±2.0, 17:18'N:07:145:8E:0.1, h183km, 6km, mb4.7/37, Error ellipse: s-maj=14.1km s-min=10.5km az=81.0

ISC 01 10:06:47.4±0.3, 17:14'N:07:145:7E:0.06, h200km, n700, az=12/595, mb4.6/219, 4C, Mariana Islands

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h m s, ISC. Includes station names like GUMO, JAJAG, MANU, etc.

Table with columns: MDJ, Mudanjiang, 30.60 337 P, 09 48 09.9, +0.7, 09 48 17.2. Includes station names like COEN, WHN, MTN, etc.

1d 10h

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date. Includes entries like FALS False Pass, MORW Morawa, BRAT Ballarat, GAMB Gambell, S12K Black Hills, BLDU Ballidu, M11K Mekoryuk, KLBK Kellerberrin, SDPT Sand Point, CHNA Chernabura Isl, M13K Dall Lake, S14K Fog Glacier, K13K Kusilvak Mount, O14K Tigiyukavuet M, N14K Kuskoiwak Cree, L14K Kukka Creek, L14K Kukka Creek, CHGN Chignik, M14K Bethel, M14K Bethel, TNA Tin City, J14K Nanvaranak Lak, O15K Ungalikthiuk R, ANM Nome, M15K Kasigluk River, N15K Kwethluk River, N15K Kwethluk River, F14K Arctic Creek, L15K Unalak Mounta, K15K Wolf Creek Mou, P16K Nushagak River, G15K Niukluk, O16K Kokwok River B, O16K Kokwok River B, F15K North Star Dit, N16K Nishlik Lake, CHIR Chirikof Islan, M16K Timber Creek, M16K Timber Creek, L16K Owhat River, J16K Elim, J16K Anvik River, J16K Anvik River, O17K Koligak Bris, I17K Unalakleet, P17K Kvichak River, G16K Koyuk River, N17K Nushagak Hills, N17K Nushagak Hills, ZALV Zalesovo Beam, ZALV Zalesovo Beam, L17K Domlin, M17K Holitna River, M17K Holitna River, SII Sitikanchi Islan, J17K VABM Dome, K17K Iditarod, K17K Iditarod, R18K Kariuk, C16K Lisburne Hills, C16K Lisburne Hills, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, P18K Big Mountain, G17K Kwiwalk Mounta, G17K Granite Mounta, H17K Granite Mounta, N18K Kilae Cree, N18K Kilae Cree, O18K Koktuh Hills, O18K Koktuh Hills, D17K Noatak River, D17K Baldwin Pennin, L18K Granite Mounta, OHAK Old Harbor, E17K Hotham Inlet, M18K Stony River, RDOG Red Dog Mine, C17K DeLong Mountai, Q19K Cape Douglas, O19K Port Alsworth, O19K Port Alsworth

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Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date. Includes entries like J18K Innoko River, H18K Honhosa River, H18K Honhosa River, N19K Bonanza Creek, N19K Bonanza Creek, KDAK Kodiak Island, F18K Selowik, E18K Tukpahleark C, E18K Tukpahleark C, G18K Tagagawik, G18K Tagagawik, P19K Oil Pt, L19K White Mountain, Q20K Shuyak Island, SYI Shuyak Island, M19K Big River Lodg, C18K Utukok River, C18K Utukok River, J19K Poorman, J19K Poorman, B18K Kokolik River, L20K Farewell, AK, H19K Roundabout Mou, H19K Roundabout Mou, G19K Purcell Mounta, G19K Purcell Mounta, M20K Styx River, M20K Styx River, K20K Telida, K20K Telida, HOM Homer, N20K Mount Spurr, J20K Nowinta River, J20K Nowinta River, C19K Lookout Ridge, C19K Lookout Ridge, E19K Redstone River, E19K Redstone River, I20K Naagheledne, I20K Naagheledne, A19K Wainwright, BRLK Bradley Lake, H20K Anleteneega M, D19K Kuna River, D19K Kuna River, BRSE Bradley Lake S, PPLA Purkeypille, F20K Avaraat Lake, F20K Avaraat Lake, SKT Skwentna, SKT Skwentna, CAST Castle Rocks, SUA Susitna One, SUA Susitna One, CHUM Lak Minchumin, KURK Kurchatov, KURB Kurchatov Arra, E20K Nigu River, D20K Etlivuk River, RTZ Rutashuna, O22K Cooper Landing, O22K Cooper Landing, SEW Sevard, M22K Willow, M22K Willow, H21K Melozina River, RC01 Rabbit Creek A, RC01 Rabbit Creek A, G21K Allakaket, G21K Allakaket, CUT China, KTH Kantishna Hill, B20K Mesde River, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, F21K Alatna River, TRF Thorofare Moun, TRF Thorofare Moun, PMR Palmer, PMR Palmer, PMR Palmer, GHO Glory Hole Cre, E21K Killik River, C21K Knifeblade Rid

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date, Value, Unit, Status, Direction, Date. Includes entries like MLY Manley, MLY Manley, MLY Manley, KNK Knik Glacier, B21K Ikpikuk River, B21K Ikpikuk River, SML Sawmill, F22K John River, P23K Montague Islan, A21K Barrow, G22K Bettles, WAT1 Susitna Watana, RND Reindeer, KSH Kashi, KSH Kashi, MCK McKinley, M23K Glacier View, D22K Ayikyak River, NEA2 Nenana, NEA2 Nenana, E22K Anaktuvuk Pass, E22K Anaktuvuk Pass, GLI Glacier Island, GLI Glacier Island, I23K Minto, Yukon-K, A22K Sinclair Lake, WAT6 Susitna Watana, SCM Sheep Creek Mo, H23K Yukon River, H23K Yukon River, G23K Bananza Creek, G23K Bananza Creek, B22K Teshekpuk Lake, COLD Coldfoot, DHY Denali Highway, DHY Denali Highway, WRH Wrangell Hill, WRH Wrangell Hill, PLWZ Palliser, MDM Murphy Dome, COLA College, EYAK Cordova Ski Ar, D23K Nashuk River, KLU Klutina, M24K Tolsona, M24K Tolsona, M24K Tolsona, OXZ Oxford, RPZ Rata Peaks, GVZ Greta Valley S, H24K Noodor Dome, H24K Noodor Dome, H24K POKR, HDA Harding Lake, HDA Harding Lake, IL31 Ilkikuk, IL31 Ilkikuk, ILAR Eielson Array, ILAR Eielson Array, TOLK Toolik Lake Re, TOLK Toolik Lake Re, C23K Itkikuk River, KAIM Kayak Island, E24K Your Creek, E24K Your Creek, E24K Your Creek, G24K Hadweencz Riv, G24K Hadweencz Riv, PAX Paxson, K24K Noodin Dome, HARP HAARP, BMRM Bremner River, F24K Squaw Lake, F24K Squaw Lake, HMT Hamilton, N25K Chitina, Valde, N25K Chitina, Valde, D24K Happy Valley, J25K Salcha River, J25K Salcha River, J25K Salcha River, C24K Franklin Bluff, PRP Porcupine Dome, PRP Porcupine Dome, GLB Gilahina Butte, GLB Gilahina Butte, H25L Birch Creek, G25K Bearman Lake, VRDI Verde Repeater

Table with columns: WAX, FYU, SCRK, MCARA, F25K, L26K, M26K, E25K, E25K, D25K, ISLE, J26L, MESA, BMAR, I26K, BARN, G26K, F26K, M27K, CTG, CTGM, L27K, BCAR, C26K, LOGN, C27K, I27K, YUK3, O28M, EGAK, H27K, G27K, YUK8, PNL, BVAR, E27K, E27K, KK31, KKAR, I28M, DAWY, DAWY, O29M, D27M, YUK4, GAR, YUK6, F28M, F28M, M29M, M29M, P29M, P29M, L29M, E28M, E28M, J29M, I29M, HYT, H29M, H29M, K29M, K29M, N30M, N30M, P30M, G29M, G29M, D28M, M30M, E29M, E29M

Table with columns: CHGR, PLBC, O30N, EPYK, EPYK, J30M, I30M, R31K, N31M, MAYO, G30M, G30M, SKAG, SKAG, F30M, WHY, R32K, R32K, R32K, M31M, JIS, H31M, G31M, P32M, P32M, F31M, F31M, FARO, INK, INK, N32M, N32M, U33K, P33M, CRAG, WRAP, R33M, S34M, S34M, T35M, T35M, DLBC, DLBC, TGNT, A36M, C36M, C36M, LIRD, ABKAR, TOAD, WRGLY, KOTAN, AKTO, OZB, GEYT, E03A, GNW, GNW, KIRV, I03D, D05A, D05A, F04A, F04A, KMPM, YKA, YKA, H04A, I04A, YBH, LTY, L04D, O02D, K04D, B08A, PINE, SPITS, K05A, NEW, NEW, NEW, J08A

Table with columns: MPK, CMB, UOSS, F10A, EDM, BMO, YERR, YERR, SMMC, PLID, RYN, VOG, ARCES, ARCES, KVN, NVAR, NVAR, SBC, VES, MFID, MSO, SNCC, ARVC, CWC, LCH, TPH, GRAC, DECC, HLID, HLID, EDW2, MPMC, LRMC, SCI2, ELK, ELK, FURC, BFSC, R11B, GSC, S11A, MURC, SHOC, BBRC, Q12A, Q12A, BOZ, BOZ, 109C, HEC, EGMT, SPR3, PFO, TPFO, PMD, HVU, BELC, GMRC, MONP, KBZ, KBZ, V12A, IMW, DUG, DUG, H17A, H17A, SWSC, BC3, IRM, ESJX, NEE2, CCUT, CTU, NLU, RLMT, RLMT, VTX, VTX

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Toone Canyon, Three Creeks R, FINESS Finess Array B, etc.

h136km, 11km, n24, c1519/45, Northern Chile

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

PDG 01 10:16:36.0-0.1, 42.53N:20.15E, h1km, MD2.5/1, RHSSO ML2.4/12, Error ellipse: s-maj=0.1km s-min=0.3km az=0.0

BEO 01 10:16:37.5-0.3, 42.56N:20.16E, h3km, MLC3.7

ISC 01 10:16:35.6-1.2, 42.54N:20.17E, 0.02, h1km, 10km, n43, c072/78, 12C-3D, Northwestern Balkan Peninsula

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

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

QVP	Quezon City-P	7.81 340f	eP	P	10 23 36.1 -0.2	CNSH		S	S	10 29 35.0 +1.7	comp=Z,1.1nm,0.8s,baz=179,slow=2.5,SNR=12	ScP	ScP	10 32 38.9 +0.5	
QVP	Abucay Bataan	8.12 337j	eS	S	10 23 37.9 -1.4	CNSH		S	Pmax		comp=Z,5.0nm,1.0s,baz=190,slow=4.4,SNR=6.3	ScP	ScP	11 00 39.7 -0.5	
ABPP	Luwuk	8.31 187	eS	P	10 25 13.9 -3.9	BKNI	Bangkinang	23.71 254	P	P	10 26 07.4 +0.7	PKPKPKP	P		
ABPP	Luwuk	8.31 187	eS	P	10 23 40.7 -0.5	SRTN	Nakansritamara	23.99 275	P	P	10 26 10.2 +1.0	comp=Z,2.0,5nm,0.3s,baz=342,slow=3.2,SNR=4.2	P	P	
LUWI	Luwuk	8.31 187	P	P	10 23 38.2 -3.0	PDSI	Padang	24.65 292	P	P	10 26 13.9 -1.1	comp=Z,6nm,0.8s	P	P	
LUWI	Luwuk	8.31 187	P	P	10 23 44.5 -0.2	WHN	Wuhan	24.80 340	jP	S	10 26 17.8 +1.8	MAJO Matsushiro	31.98 22	P	P
LBMI	Labuha	8.67 155	eP	P	10 23 44.2 -2.5	WHN	WHN		S	Pmax	10 30 02.1 +3.9	MAJO Matsushiro	31.98 22	P	P
IBZP	Iba, Zambales	8.89 336j	eP	P	10 25 24.6 -6.8	NJ2	Nanjing	25.09 350	jP	S	10 26 20.0 +1.4	MAJO Matsushiro	31.98 22	P	P
IBZP	Casiguran, Aur	9.06 349f	eS	P	10 23 47.5 -0.9	NJ2	Nanjing		S	Pmax	10 30 05.1 +2.3	MAJO Matsushiro	31.98 22	P	P
CAAP	Sanana	9.50 167	eS	P	10 25 28.9 -5.4	NJ2	Nanjing		S	Pmax	10 26 20.5 +1.5	MAJO Matsushiro	31.98 22	P	P
CAAP	Sanana	9.50 167	eS	P	10 23 49.8 -3.1	GYA	Guiyang	25.10 322	jP	P	10 26 20.5 +1.5	MJB9 Matsu-Tunnel	31.98 22	P	P
CAUP	Cauyan	9.82 349	eP	P	10 25 56.5 +0.6	GYA	Guiyang		PcP	PcP	10 29 33.5 +0.8	AS31 Alice Springs	32.28 162	P	P
CAUP	Samarinda	10.08 221	eS	P	10 25 52.0 +4.0	GYA	Guiyang		S	ScP	10 32 16.6 -0.2	ASAR Alice Springs	32.29 162	P	P
SMKI	Santa	10.73 343	P	P	10 24 01.0 +2.4	GYA	Guiyang		S	Pmax	10 26 21.3 +1.3	ASAR Alice Springs	32.29 162	P	P
SZP	Namlea	10.94 162	P	P	10 24 06.4 -0.4	GYA	Guiyang		S	Pmax	10 26 21.9 +1.3	ASAR Alice Springs	32.29 162	P	P
NLAI	Namlea	10.94 162	P	P	10 24 06.9 -0.3	SRDT	SRDT	25.22 288	P	P	10 26 21.9 +1.3	ASAR Alice Springs	32.29 162	P	P
SWI	Sorong	10.98 137	P	P	10 24 08.0 +0.3	MANU	Manus Island	25.28 111	P	P	10 26 23.4 +0.9	ASAR Alice Springs	32.29 162	P	P
PACPP	Pampiona Gagay	11.38 348f	eS	P	10 24 09.8 -1.7	PHRA	Phrae	25.50 298	P	P	10 26 26.7 -0.9	ASAR Alice Springs	32.29 162	P	P
PACPP	Muara Teweh, K	11.42 345f	eS	P	10 26 11.9 -5.0	SISI	Saibi	26.08 252	P	P	10 26 28.7 +1.0	ASAR Alice Springs	32.29 162	P	P
PIP	Pasuquin	12.05 228	eP	P	10 24 18.3 -0.1	CRAI	Chiangrai	26.10 302	P	P	10 26 28.7 +1.0	ASAR Alice Springs	32.29 162	P	P
MTKI	Muara Teweh, K	12.05 228	eP	P	10 24 18.3 -0.1	CRAI	Chiangrai	26.10 302	P	P	10 26 28.7 +1.0	ASAR Alice Springs	32.29 162	P	P
CICP	Calayan Island	12.14 350	eS	P	10 24 17.7 -1.5	KCSI	Kotacane, Aceh	26.16 263	P	P	10 26 27.8 -0.6	ASAR Alice Springs	32.29 162	P	P
CICP	Sibu	12.48 248	P	P	10 26 24.2 -6.8	JCJ	Chichijima	26.35 39	P	P	10 26 29.3 -0.5	ASAR Alice Springs	32.29 162	P	P
SBUM	Bau Bau	12.72 186	P	P	10 24 23.3 +0.5	ENJ	Enshi	26.54 331	P	P	10 26 28.6 -1.2	ASAR Alice Springs	32.29 162	P	P
BBSI	Kappang	12.84 198	P	P	10 24 24.0 -1.3	ENJ	Enshi	26.54 331	P	P	10 26 32.8 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 31.5 -0.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.4 -1.0	JNU	Jakarta	26.56 13	P	P	10 26 31.3 -0.3	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 33.9 +1.6	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 33.1 +0.9	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 37.5 +1.2	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
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KAPI	Kappang	12.84 198	P	P	10 24 25.8 -0.7	JNU	Jakarta	26.56 13	P	P	10 26 34.1 +1.1	ASAR Alice Springs	32.29 162	P	P
KAPI	Kappang	12.84 198	P	P	10 24 25.8										

1d 10h

2018 JUN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MULG Mulgathing, ERM Ermo, GOMU GeErMu, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CAN Canberra, TOO Toolangi, NOUC Port Laquerre, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YAK Yakutsk, KUU Kurly, KUU Kurly, etc.

1d 10h

Table with columns: CHUM, Lake Minchumin, 80.84, 26, P, P, 10 32 53.5 +1.3, etc.

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Table with columns: HDA, Harding Lake, 83.19, 26, P, P, 10 33 03.3 -0.8, etc.

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Table with columns: ARCER, ARCCESS Array B, 86.14, 340, P, P, 10 33 18.0 -0.4, etc.

INX	baz=281,SNR=40	87.96	21	I	Amb	I	Amb	10 33 28.4
INX	comp=Z,36nm,1.1s							
INX	Inuvik	87.96	21	P	P			10 33 26.6 -0.3
MI30	baz=284,SNR=28	87.97	321	P	P			10 33 25.6 -1.7
L0DK	M30,Zelenitsa	88.02	273	P	P			10 33 28.9 +0.5
N30M	Aishikik Lake	88.02	28	P	P			10 33 28.3 +0.9
N30M	comp=Z,23nm,1.0s							10 33 29.4
G31M	Aishikik Lake	88.02	28	P	P			10 33 28.1 +0.7
G31M	baz=282,SNR=32							
G31M	Satah River	88.03	23	P	P			10 33 27.2 +0.1
G31M	comp=Z,32nm,0.9s							10 33 28.0
G31M	Satah River	88.03	23	P	P			10 33 26.9 -0.2
P29M	baz=284,SNR=15	88.06	30	P	P			10 33 28.8 +1.2
P29M	Windy Craggy	88.06	30	P	P			10 33 28.5 +0.9
P29M	Windy Craggy	88.06	30	P	P			10 33 29.1 +1.4
IDID	Dizdasialis	88.09	325	eP	P			10 33 27.6 +0.1
F31M	Tsighehtich	88.10	22	P	P			10 33 27.8 +0.1
F31M	comp=Z,32nm,0.9s							10 33 28.3
F31M	Tsighehtich	88.10	22	P	P			10 33 27.4 -0.1
F31M	baz=284,SNR=5.8							
MAYO	Mayo, Yukon	88.12	26	P	P			10 33 28.4 +0.6
MAYO	baz=282							
KIS	Kishiny	88.13	317	iP	P			10 33 26.9 -1.2
NACGM	Naroch	88.13	325	iP	P			10 33 27.1 -0.8
MILM	Milestii Mici	88.14	317	dP	P			10 33 26.9 -1.3
MILM	comp=Z,51nm,0.8s,baz=80							
ISP	Isparita	88.17	308	I	Amb	I	Amb	10 33 28.1
ISP	Isparita	88.17	308	eP	P			10 33 27.5 -1.2
ISP	comp=Z,29nm,1.0s							
SBA	Scott Base	88.22	172	P	P			10 33 29.3 +1.5
SBA	comp=Z,32nm,1.7s							10 33 30.2
SBA	Scott Base	88.22	172	P	P			10 33 29.3 +1.5
SBA	comp=Z,33nm,1.7s							
MI29	MI29, Kamyany	88.23	320	P	P			10 33 27.6 -0.9
H31M	Peel River	88.26	24	P	P			10 33 29.5
H31M	comp=Z,29nm,1.0s							
H31M	Peel River	88.26	24	P	P			10 33 28.4 0.0
MI28	MI28, Pidybu	88.27	321	P	P			10 33 26.9 -1.8
SORM	Sorca	88.27	318	iP	P			10 33 27.8 -1.0
SORM	Sorca	88.27	318	P	P			10 33 27.7 -1.0
P30M	Million Dollar	88.35	30	P	P			10 33 29.8 +0.8
LUBAR	Luber, Ukraine	88.37	320	P	P			10 33 27.8 -1.4
MEF	Metsahovi	88.40	330	eP	P			10 33 28.3 -0.7
N31M	Braeburn, Yuko	88.63	28	P	P			10 33 31.1 +0.8
N31M	comp=Z,40nm,1.0s							10 33 32.2
N31M	Braeburn, Yuko	88.63	28	P	P			10 33 31.0 +0.8
O30N	Mendenhall	88.64	29	P	P			10 33 31.2 +0.9
O30N	Mendenhall	88.64	29	P	P			10 33 31.2 +0.9
PLBC	Pleasant Camp	88.78	30	P	P			10 33 31.4 +0.5
PLBC	baz=282,SNR=8.7							
CFR	Carcaliu	88.88	315	iP	P			10 33 31.2 -0.5
CFR	Carcaliu	88.88	315	P	P			10 33 31.1 -0.5
MTSE	Matsu	89.00	329	eP	P			10 33 31.4 -0.5
M31M	Drury Creek, Y	89.17	37	P	P			10 33 32.9 +0.5
S31K	Pelican	89.27	32	P	P			10 33 33.5 +0.8
WHY	Whitehorse	89.24	29	P	P			10 33 34.1 +0.9
RNP9P	Sopachiv	89.29	322	P	P			10 33 32.0 -1.4
SKAG	Skagway	89.30	30	P	P			10 33 34.5 +1.3
SKAG	Skagway	89.30	30	I	Amb	I	Amb	10 33 35.2
SKAG	comp=Z,29nm,0.9s							
R31K	City Hall, Gus	89.32	31	P	P			10 33 34.1 +0.9
R31K	baz=283,SNR=17							
R31K	City Hall, Gus	89.32	31	P	P			10 33 34.0 +0.6
RNP9P	Staryi Chhortor	89.32	321	P	P			10 33 32.4 -1.2
RNP9P	Verash	89.32	322	P	P			10 33 32.0 -1.6
NOR	Nord	89.33	355	iP	P			10 33 31.2 -1.9
NOR	comp=Z,32nm,1.0s							10 33 33.3
KMPD	K-Podolskiy	89.44	319	P	P			10 33 31.6 -2.6
PANC	Panciu	89.45	316	iP	P			10 33 33.9 -0.4
RAF	Rauma	89.48	332	eP	P			10 33 33.2 -0.9
A36M	Sachs Harbour	89.49	17	P	P			10 33 33.9 0.0
FARO	Faro, Yukon	89.57	27	P	P			10 33 35.2 +0.6
PABE	Paberze	89.60	326	eP	P			10 33 34.2 -0.5
TESR	Tescani	89.68	317	iP	P			10 33 35.3 -0.1
VRI	Vrincioiaia	89.74	316	iP	P			10 33 35.1 -0.6
VRI	Vrincioiaia	89.74	316	P	P			10 33 36.2 -0.6
PLOR	Plostina	89.79	316	iP	P			10 33 36.2 +0.2
PLOR	Plostina	89.79	316	P	P			10 33 36.1 +0.2
SIT	Sitka	89.84	32	P	P			10 33 36.5 +0.7
N32M	Quiet Lake	89.97	28	P	P			10 33 37.1 +0.7
N32M	Quiet Lake	89.97	28	P	P			10 33 37.1 +0.7
R32K	Eaglecrest	89.98	31	I	Amb	I	Amb	10 33 38.8
R32K	comp=Z,15nm,0.9s							
R32K	Eaglecrest	89.98	31	P	P			10 33 37.5 +1.1
JIS	Juneau Island	90.05	31	P	P			10 33 37.8 +1.1
JIS	Juneau Island	90.05	31	I	Amb	I	Amb	10 33 38.7
P32M	Atlin	90.06	30	P	P			10 33 37.5 +0.6
COVR	Voineasa-Covas	90.10	316	iP	P			10 33 36.9 -0.5
NEHR	Nehou	90.11	316	iP	P			10 33 37.6 +0.2
S32K	Killsnoo	90.14	32	P	P			10 33 37.6 +0.4
TURR	Turia	90.19	316	iP	P			10 33 37.5 -0.3
P33M	Teslin, Yukon	90.34	29	I	Amb	I	Amb	10 33 39.9
P33M	comp=Z,18nm,1.1s							
P33M	Teslin, Yukon	90.34	29	P	P			10 33 38.5 +0.3
MLR	Muntele Rosu	90.34	316	iP	P			10 33 38.5 -0.2
MLR	Muntele Rosu	90.34	316	I	Amb	I	Amb	10 33 39.2
MLR	Muntele Rosu	90.34	316	P	P			10 33 38.4 -0.2
SUU	Suwalki	90.37	325	eP	P			10 33 38.0 -0.4
SUU	Suwalki	90.37	325	P	P			10 33 37.9 -0.5
SUU	Suwalki	90.37	325	eP	P			10 33 37.8 -0.5
SUU	Suwalki	90.37	325	P	P			10 33 37.9 -0.5
SUU	comp=Z,138nm,1.0s							
BURAR	Bucovina Array	90.44	318	iP	P			10 33 38.5 -0.5
BURAR	Bucovina Array	90.44	318	I	Amb	I	Amb	10 33 38.9 0.0
BURAR	Bucovina Array	90.44	318	P	P			10 33 40.1
BURAR	comp=Z,18nm,0.9s							
BURAR	Bucovina Ar. S	90.44	318	P	P			10 33 38.5 -0.5
BUR08	Bucovina Ar. S	90.44	318	I	Amb	I	Amb	10 33 39.0 0.0
BUR08	comp=Z,15nm,0.9s							
AAL	Aland	90.55	331	eP	P			10 33 38.1 -0.9
DOPR	Dopca	90.64	316	iP	P			10 33 38.8 -1.0
LVV	L'vov	90.76	320	eP	P			10 33 39.7 -0.6
CLMD	Elena	90.87	313	iP	P			10 33 40.4 -0.6
E36M	Paulutak	90.88	19	P	P			10 33 40.4 +0.1
C36M	comp=Z,30nm,1.1s							10 33 41.1
C36M	Paulutak	90.88	19	P	P			10 33 40.3 0.0
C36M	baz=293							
VOIR	Alond	90.97	316	iP	P			10 33 40.6 -0.9
VOIR	Alond	90.97	316	P	P			10 33 40.6 -0.9
ALN	Alexandroupoli	91.12	311	P	P			10 33 41.2 -0.9
ALN	Alexandroupoli	91.12	311	P	P			10 33 41.2 -0.9
ALN	comp=Z,13nm,1.1s							
U33K	Whale Pass	91.25	33	I	Amb	I	Amb	10 33 44.2
U33K	comp=Z,29nm,1.0s							
U33K	Whale Pass	91.25	33	P	P			10 33 43.1 +0.8
ARR	Arges	91.28	316	iP	P			10 33 42.6 -0.3
CRAG	Craig	91.42	34	P	P			10 33 44.1 +1.0

R33M	baz=285	91.47	30	I	Amb	I	Amb	10 33 45.7
R33M	Jennings River	91.47	30	P	P			10 33 44.5 +1.0
R33M	comp=Z,22nm,0.9s							
KWP	Kalwaria Pacia	91.64	320	eP	P			10 33 45.0 +0.6
KWP	Kalwaria Pacia	91.64	320	I	Amb	I	Amb	10 33 45.9
CJR	Ciu-Jnapoca	91.70	317	iP	P			10 33 43.8 -1.0
CJR	Ciu-Jnapoca	91.70	317	P	P			10 33 43.7 -1.0
S34M	Telegraph Cree	91.81	31	P	P			10 33 46.0 +1.1
S34M	comp=Z,25nm,1.1s							10 33 47.0
S34M	Telegraph Cree	91.81	31	P	P			10 33 45.8 +0.9
MARR	Marisel-Cruj	92.03	317	iP	P			10 33 45.9 -0.5
GTGN	Hyland Airport	92.08	27	P	P			10 33 47.0 +0.8
KOLS	baz=289,SNR=5.4	92.08	320	eP	P			10 33 47.4 +1.0
KOLS	Kolonicki sedl	92.08	320	eP	P			10 33 47.4 +1.0
KOLS	Kolonicki sedl			pmx	pmx			
DLBC	Dease Lake	92.22	30	I	Amb	I	Amb	10 33 49.0
DLBC	comp=Z,22nm,1.1s							
DLBC	Dease Lake	92.22	30	P	P			10 33 47.8 +0.9
DRGR	Drummond	92.28	318	iP	P			10 33 47.5 0.0
DRGR	Drummond	92.28	318	P	P			10 33 47.4 0.0
V55K	Ketchikan	92.26	34	P	P			10 33 47.2 0.0
BEL	Belsk	92.30	323	eP	P			10 33 47.8 +0.5
T35M	Bob Quinn	92.54	32	I	Amb	I	Amb	10 33 50.3
T35M	comp=Z,20nm,0.8s							
T35M	Bob Quinn	92.54	32	P	P			10 33 49.0 +0.6
GZR	Gura Zlata	92.55	316	iP	P			10 33 48.4 -0.4
GZR	Gura Zlata	92.55	316	P	P			10 33 48.3 -0.4
CRVS	Cervenica-Dubn	92.61	320	eP	P			10 33 48.9 +0.1
CRVS	Cervenica-Dubn	92.61	320	eP	P			10 33 48.9 +0.1
CRVS	comp=Z,57nm,1.0s							
STHS	Stebnicka Huta	92.62	320	eP	P			10 33 48.8 -0.1
STHS	Stebnicka Huta	92.62	320	eP	P			10 33 48.8 -0.1
STHS	comp=Z,6.0nm,0.9s							
HERR	Herculane	92.91	316	iP	P			10 33 49.3 -1.0
SURR	Surduc	92.91	317	iP	P			10 33 50.0 -0.3
BLBK	Belogradchik	93.02	314	iP	P			10 33 50.2 -0.7
SIRP	Sira	93.11	317	iP	P			10 33 50.7 -0.5
NIE	Niedzica	93.22	321	eP	P			10 33 52.8 +1.2
NIE	Niedzica	93.22	321	P	P			10 33 52.1 +0.5
OJC	Ojcow	93.32	321	eP	P			10 33 52.0 0.0
RUBG	Prince Rupert	93.33	34	I	Amb	I	Amb	10 33 53.5
DAG	Danmarks Havn	93.38	352	i				

1d 10h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: AGG, comp, N, A, M, S, P, S, Mb, 10 39 59.5 +0.6, KIPOURIA, Keph, 1.53 266, P, Pn, 10 40 02.9 +0.4, JMN, comp, Z, 7.9nm, 1.5s, IAmb, IAmb, 10 52 58.9

Table with columns: KIPOURIA, Keph, 1.53 266, P, Pn, 10 40 02.9 +0.4, JMN, comp, Z, 7.9nm, 1.5s, IAmb, IAmb, 10 52 58.9

Table with columns: JMN, comp, Z, 7.9nm, 1.5s, IAmb, IAmb, 10 52 58.9, YULB, comp, Z, 9.9nm, 1.9s, P, IAmb, 10 53 02.5 +0.4

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LYN, HNS, ASAR, ENH, BNX, BJT, EIDS, QLP, KOUNC, XAN, SLVN, XLT, PSAA, HHC, HHC, HHC, DZM, DZM, DZM, DZM, KMI, KMI, KMI, HEH, HEH, HEH, HEH, BTO, BTO, BTO, BTO, CD2, CD2, PINNC, PZH, PZH, KULM, PEAOB, PEAOB, PETK, PETK, PETK, PETK, LZH, LZH, LZH, LZH, CMAR, CMAR, CMAR, STKA, STKA, STKA.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZEA, ZEA, ZEA, FORT, BBOO, BBOO, CAN, CAN, CAN, ULN, ULN, ULN, GTA, GTA, GTA, SONM, SONM, SONM, SONM, SHEM, MA2, MA2, MORW, MORW, TOO, TOO, TOO, BLDU, KLBR, GOMU, GOMU, SHL, SHL, SHL, ZAK, ZAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, SEY, SEY, SEY, OUZ, NIKH, NIKH, WMQ, SPIA, UNV, BILL, BILL, BILL, RTZ, TCW, TUWZ, TIXI, TIXI, TIXI, RPZ, RPZ, RPZ, OXZ, OXZ, OXZ, GAMB, S12K, M11K, SDPT, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, MAZK, MAZK, MAZK, MAZK, M13K, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, ZALV, S14K, S14K, K13K.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like K13K, HYB, O14K, N14K, CHGN, L14K, L14K, M14K, M14K, TNA, J14K, J14K, J14K, O15K, ANM, ANM, M15K, N15K, N15K, F14K, L15K, PRZ, PRZ, PRZ, K15K, K15K, G15K, CHIR, O16K, O16K, N16K, F15K, F15K, M16K, M16K, L16K, L16K, Q16K, H16K, J16K, J16K, O17K, I17K, I17K, P17K, G16K, KURK, KURK, KURK, KURB, KURB, N17K, N17K, N17K, KSH, KSH, KSH, L17K, SII, SII, M17K, J17K, J17K, K17K, C16K, BOOM, BOOM, BOOM, P18K, G17K, H17K, H17K, N18K, N18K, O18K, O18K, D17K, F17K, F17K, OHAK, L18K, L18K, L18K, E17K, M18K, RDOG, RDOG, Q19K, C17K, C17K, O19K, O19K.

O19K	Port Alsworth baz=251	66.37	29	P	P	10 58 36.0 +0.4
J18K	Innokko River baz=242,SNR=7.3	66.45	25	P	P	10 58 36.2 +0.6
H18K	Honhosia River baz=242,SNR=18	66.47	23	P	Iamb	10 58 37.4
H18K	Honhosia River baz=242,SNR=18	66.47	23	P	Iamb	10 58 36.3 0.0
N19K	Bonzanza Creek baz=245,SNR=9.8	66.49	28	P	P	10 58 38.0 +1.4
N19K	Bonzanza Creek baz=245,SNR=9.8	66.49	28	P	Iamb	10 58 38.6
KDAK	Kodiak Island baz=254	66.50	32	P	P	10 58 37.8 +0.2
KDAK	Kodiak Island baz=254	66.50	32	P	P	11 24 36.8
F18K	Kodiak Island baz=251,SNR=31	66.52	21	LR	LR	10 58 37.4 +0.3
F18K	Selawik baz=244	66.62	21	P	P	10 58 37.4 +0.3
AAK	Ala-Archa baz=64,311	66.64	311	P	P	10 58 38.1 +0.2
AAK	Ala-Archa baz=64,311	66.64	311	LR	LR	11 29 54.1
AAK	Ala-Archa baz=64,311	66.64	311	P	P	10 58 38.5 +0.5
E18K	Tukpahlearik C baz=242,SNR=29	66.66	20	P	P	10 58 38.3 +0.9
E18K	Tukpahlearik C baz=242,SNR=29	66.66	20	P	P	10 58 38.1 +0.8
G18K	Tagagavik baz=245,SNR=29	66.67	22	P	P	10 58 37.9 +0.4
G18K	Tagagavik baz=245,SNR=29	66.67	22	P	P	10 58 37.8 +0.3
P19K	Oil Pt baz=253	66.72	30	P	P	10 58 38.8 +0.8
P19K	Oil Pt baz=253	66.72	30	P	P	10 58 37.8 -0.1
L19K	White Mountain baz=250,SNR=10	66.79	27	P	Iamb	10 58 39.1 +0.7
L19K	White Mountain baz=250,SNR=10	66.79	27	P	Iamb	10 58 40.1
L19K	White Mountain baz=250,SNR=10	66.79	27	P	P	10 58 38.9 +0.6
Q20K	Shuyak Island baz=250,SNR=23	66.83	31	P	P	10 58 38.6 0.0
ILSW	Iliamna Southw baz=251,SNR=1.3s	66.86	29	Iamb	Iamb	10 58 43.9
M19K	Big River Lodge baz=253	66.90	27	P	Iamb	10 58 40.0 +1.0
M19K	Big River Lodge baz=253	66.90	27	P	Iamb	10 58 41.0
M19K	Big River Lodge baz=253	66.90	27	P	P	10 58 39.5 +0.5
C18K	Utukok River baz=250,SNR=10	67.05	19	Iamb	Iamb	10 58 41.2
C18K	Utukok River baz=250,SNR=10	67.05	19	Iamb	Iamb	10 58 40.1 +0.2
NIL	Niilore baz=241,SNR=16	67.09	302	P	P	10 58 41.2 +0.4
NIL	Niilore baz=241,SNR=16	67.09	302	P	P	10 58 41.3 +0.4
NIL	Niilore baz=241,SNR=16	67.09	302	P	P	10 58 41.2 +0.4
J19K	Pooman baz=248,SNR=18	67.10	25	P	Iamb	10 58 42.0
J19K	Pooman baz=248,SNR=18	67.10	25	P	Iamb	10 58 40.8 +0.5
O20K	Slope Mountain baz=253	67.14	29	P	P	10 58 40.4 -0.3
B18K	Kokolik River baz=240,SNR=5	67.21	18	P	P	10 58 41.1 +0.3
L20K	Farewell, AK baz=251,SNR=14	67.31	27	P	P	10 58 42.1 +0.4
H19K	Roundabout Mou baz=247,SNR=27	67.36	23	P	P	10 58 42.5 +0.7
H19K	Roundabout Mou baz=247,SNR=27	67.36	23	P	P	10 58 42.5 +0.7
G19K	Purcell Mounta baz=246,SNR=51	67.36	22	P	P	10 58 42.3 +0.4
G19K	Purcell Mounta baz=246,SNR=51	67.36	22	P	P	10 58 42.2 +0.3
F19K	Shalerucik Mo comp=Z,7.9nm,0.8s	67.39	22	Iamb	Iamb	10 58 43.1
F19K	Shalerucik Mo comp=Z,7.9nm,0.8s	67.39	22	Iamb	Iamb	10 58 42.2 +0.2
M20K	Styx River baz=245,SNR=13	67.45	27	P	P	10 58 43.9 +1.2
M20K	Styx River baz=245,SNR=13	67.45	27	P	Iamb	10 58 44.8
M20K	Styx River baz=245,SNR=13	67.45	27	P	P	10 58 43.4 +0.7
HOM	Home baz=254	67.50	30	P	P	10 58 42.8 0.0
K20K	Telida baz=250,SNR=20	67.53	26	P	P	10 58 44.1 +1.1
K20K	Telida baz=250,SNR=20	67.53	26	P	Iamb	10 58 45.1
ARSB	Arslanbob baz=67.65,310	67.65	310	P	P	10 58 44.9 +0.5
ARSB	Arslanbob baz=67.65,310	67.65	310	P	P	10 58 44.9 +0.5
ARSB	Arslanbob baz=67.65,310	67.65	310	P	P	10 58 44.9 +0.5
CNPB	China Poot comp=Z,3.0nm,0.7s	67.66	30	Iamb	Iamb	10 58 45.4
N20K	Mount Spurr baz=253	67.67	28	P	P	10 58 43.8 -0.2
J20K	Nowinta River baz=250,SNR=28	67.75	25	P	P	10 58 45.5 +0.9
J20K	Nowinta River baz=250,SNR=28	67.75	25	P	P	10 58 45.7 +1.2
C19K	Lookout Ridge baz=243,SNR=44	67.78	19	P	P	10 58 45.5 +1.0
A19K	Wainwright baz=241	67.84	18	P	P	10 58 45.7 +0.9
E19K	Redstone River baz=246,SNR=57	67.84	21	P	P	10 58 45.9 +1.0
I20K	Naaghdeneel baz=249,SNR=19	67.86	24	P	P	10 58 46.0 +1.0
H20K	Antoleneega Mo baz=249,SNR=34	67.95	23	P	P	10 58 46.3 +0.7
BRSE	Bradley Lake S baz=255	67.96	30	P	P	10 58 45.9 +0.2
D19K	Kuna River baz=246,SNR=36	67.98	20	P	P	10 58 46.2 +0.5
D19K	Kuna River baz=246,SNR=36	67.98	20	P	P	10 58 46.3 +0.5
PPLA	Purkeygile baz=252,SNR=12	68.19	26	P	P	10 58 47.7 +0.4
SKT	Skwentna baz=253,SNR=11	68.21	27	P	Iamb	10 58 46.8 -0.5
SKT	Skwentna baz=253,SNR=11	68.21	27	P	Iamb	10 58 46.8 -0.5
F20K	Avaraart Lake baz=247	68.22	22	P	Iamb	10 58 49.2
F20K	Avaraart Lake baz=247	68.22	22	P	P	10 58 47.6 +0.4
CAST	Castle Rocks baz=252,SNR=38	68.39	26	P	P	10 58 48.6 +0.1
CAST	Castle Rocks baz=252,SNR=38	68.39	26	P	P	10 58 48.5 0.0
SUA	Susitna One baz=252,SNR=12	68.42	28	P	Iamb	10 58 48.9 +0.1
SUA	Susitna One baz=252,SNR=12	68.42	28	P	Iamb	10 58 55.9
SUA	Susitna One baz=252,SNR=12	68.42	28	P	P	10 58 49.9 +0.1
D23K	Chum Lake Minchum baz=252,SNR=12	68.44	25	P	P	10 58 49.3 +0.7
DRK	Karamyk baz=252,SNR=12	68.44	308	P	Iamb	10 58 50.5 +0.9
DRK	Karamyk baz=252,SNR=12	68.44	308	P	Iamb	10 58 51.2
DRK	Karamyk baz=252,SNR=12	68.44	308	P	P	10 58 50.5 +0.9
E20K	Nigu River baz=246,SNR=92	68.53	20	P	P	10 58 50.0 +0.7
D20K	Etiulik River baz=246	68.58	20	P	P	10 58 50.1 +0.6
O22K	Cooper Landing baz=246	68.64	29	P	P	10 58 50.2 +0.2
SEW	Seward baz=256,SNR=6.9	68.68	30	P	P	10 58 50.6 +0.4
M22K	Willow baz=255,SNR=10	68.78	28	P	P	10 58 50.8 0.0
M22K	Willow baz=255,SNR=10	68.78	28	P	P	10 58 50.4 -0.4
RC01	Rabbit Creek A baz=255,SNR=8.6	68.79	29	P	P	10 58 51.3 +0.3
RC01	Rabbit Creek A baz=255,SNR=8.6	68.79	29	P	P	10 58 50.6 -0.3
H21K	Melozitna Rive comp=Z,1.9nm,0.8s	68.81	24	Iamb	Iamb	10 58 52.9
H21K	Melozitna Rive comp=Z,1.9nm,0.8s	68.81	24	Iamb	Iamb	10 58 51.8 +0.7
G21K	Allakaket comp=Z,1.9nm,1.1s	68.84	23	Iamb	Iamb	10 58 53.0
G21K	Allakaket comp=Z,1.9nm,1.1s	68.84	23	Iamb	Iamb	10 58 51.7 +0.5
G21K	Allakaket comp=Z,1.9nm,1.1s	68.84	23	Iamb	Iamb	10 58 50.8 -0.7

B20K	Meade River baz=245	68.94	19	P	P	10 58 52.2 +0.5
BPWA	Bear Paw Mtn. baz=245	69.06	25	P	P	10 58 52.9 +0.2
BPWA	Bear Paw Mtn. baz=245	69.06	25	P	P	10 58 52.8 +0.2
F21K	Alatina River comp=Z,1.3nm,0.8s	69.10	22	P	P	10 58 55.9
F21K	Alatina River comp=Z,1.3nm,0.8s	69.10	22	P	P	10 58 53.2 +0.4
TRF	Thorofare Moun baz=249,SNR=21	69.17	26	Iamb	Iamb	10 58 54.1
TRF	Thorofare Moun baz=249,SNR=21	69.17	26	Iamb	Iamb	10 58 53.3 -0.2
PMR	Palmer baz=256,SNR=18	69.20	28	P	P	10 58 54.3 +0.9
PMR	Palmer baz=256,SNR=18	69.20	28	P	P	10 58 53.2 -0.2
GHO	Glory Hole Cre baz=247,SNR=31	69.34	28	P	P	10 58 54.5 +0.1
G21K	Knifeblade Rid baz=247,SNR=31	69.36	20	P	P	10 58 55.2 +0.8
E21K	Killik River comp=Z,1.2nm,0.8s	69.36	21	Iamb	Iamb	10 58 56.0
E21K	Killik River comp=Z,1.2nm,0.8s	69.36	21	P	P	10 58 55.5 +0.6
MLY	Manley comp=Z,1.6nm,0.8s	69.44	24	Iamb	Iamb	10 58 56.6
MLY	Manley comp=Z,1.6nm,0.8s	69.44	24	P	P	10 58 55.6 +0.6
H22K	Ishtalina Cre baz=253,SNR=43	69.45	23	P	P	10 58 56.0 +1.1
KNK	Knik Glacier baz=256,SNR=14	69.47	28	P	P	10 58 55.3 +0.1
GAR	Garrn baz=258,SNR=19	69.58	307	P	P	10 58 56.5 0.0
KK31	Karatay Array baz=259,SNR=17	69.59	312	P	P	10 58 56.4 +0.1
KK31	Karatay Array baz=259,SNR=17	69.59	312	P	P	10 58 56.4 +0.1
KK31	Karatay Array baz=259,SNR=17	69.59	312	P	P	10 58 56.6 +0.3
KKAR	Karatay Array baz=259,SNR=17	69.59	312	P	P	10 58 56.6 +0.3
B21K	Ikpikpuk River baz=247,SNR=36	69.59	19	P	P	10 58 56.6 +0.9
SML	Sawmill baz=256,SNR=19	69.62	28	P	P	10 58 57.0 +0.8
SML	Sawmill baz=256,SNR=19	69.62	28	P	P	10 58 56.2 +0.1
P23K	Montague Islan baz=258	69.66	30	P	P	10 58 57.1 +0.8
A21K	Barrow baz=245,SNR=18	69.67	17	P	P	10 58 56.7 +0.5
F22K	John River baz=251	69.67	22	P	P	10 58 57.5 +1.2
BWN	Brown baz=252	69.72	26	P	P	10 58 57.9 +1.2
G22K	Bettles baz=252	69.72	22	P	P	10 58 57.1 +0.6
WAT1	Susitna Watana baz=256	69.77	27	P	P	10 58 57.0 -0.1
RND	Reindeer comp=Z,4nm,0.7s	69.78	26	Iamb	Iamb	10 58 58.3
MCK	McKinley baz=255,SNR=5.6	69.83	26	P	P	10 58 57.2 -0.1
M23K	Glacier View baz=257,SNR=7.2	69.90	28	P	P	10 58 58.1 +0.3
D22K	Ayikyak River baz=250,SNR=38	69.96	20	P	P	10 58 59.0 +1.0
GLI	Glacier Island comp=Z,1.1nm,0.8s	69.99	29	Iamb	Iamb	10 59 04.9
GLI	Glacier Island comp=Z,1.1nm,0.8s	69.99	29	P	P	10 58 58.4 0.0
NEA2	Nenana baz=255,SNR=7.6	70.00	25	P	P	10 58 58.5 +0.1
E22K	Anaktuvuk Pass baz=251	70.01	21	P	P	10 58 59.6 +1.2
A22K	Sinclair Lake baz=247	70.02	18	P	P	10 58 59.2 +0.9
I23K	Minto, Yukon-K I23K	70.03	25	P	Iamb	10 58 59.0 +0.5
I23K	Minto, Yukon-K I23K	70.03	25	P	Iamb	10 59 00.3
I23K	Minto, Yukon-K I23K	70.03	25	P	P	10 58 59.0 +0.5
Q23K	Middleton Isla baz=254,SNR=24	70.06	31	P	P	10 58 58.6 -0.2
WAT6	Susitna Watana baz=256,SNR=18	70.07	27	P	P	10 58 58.9 -0.1
SCM	Sheep Creek Mo baz=257,SNR=21	70.09	28	P	P	10 58 59.5 +0.4
H23K	Yukon River comp=Z,1.8nm,0.8s	70.15	24	Iamb	Iamb	10 59 01.2
H23K	Yukon River comp=Z,1.8nm,0.8s	70.15	24	P	P	10 59 00.0 +0.8
G23K	Banza Creek baz=253,SNR=42	70.22	23	P	P	10 59 00.7 +0.9
B22K	Teshhepuk Lake baz=248,SNR=34	70.25	19	P	P	10 59 00.4 +0.7
FID	Port Fidalgo comp=Z,1.6nm,0.8s	70.26	29	Iamb	Iamb	10 59 07.0
COLD	Coldfoot baz=253,SNR=55	70.31	22	P	P	10 59 01.4 +1.2
DHY	Denali Highway comp=Z,12nm,1.0s	70.35	27	Iamb	Iamb	10 59 07.2
DHY	Denali Highway comp=Z,12nm,1.0s	70.35	27	P	P	10 59 00.7 -0.1
WRH	Wood River Hill comp=Z,1.7nm,0.8s	70.38	25	Iamb	Iamb	10 59 06.5
MDM	Murphy Dome comp=Z,1.5nm,0.8s	70.45	25	Iamb	Iamb	10 59 03.3
BVAR	Borovoye Array comp=Z,3.7nm,0.8s,baz=104,slo=7.6,SNR=79	70.51	322	P	LR	10 59 01.4 -0.3
BVAR	Borovoye Array comp=Z,3.7nm,0.8s,baz=104,slo=7.6,SNR=79	70.51	322	P	LR	11 30 58.2
CCB	Clear Creek Bu baz=253,SNR=17	70.54	25	P	Iamb	10 59 01.4 -0.3
CCB	Clear Creek Bu baz=253,SNR=17	70.54	25	P	Iamb	10 59 07.4
EYAK	Cordova Ski Ar baz=259	70.57	30	P	P	10 59 02.1 +0.2
BRVK	Borovoye baz=258,SNR=17	70.58	322	P	P	10 59 02.5 +0.4
BRVK	Borovoye baz=258,SNR=17	70.58	322	P	P	10 59 02.2 +0.1
COLA	College comp=Z,2.6nm,0.9s	70.58	25	P	P	1

1d 10h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like M29M Somme Creek, P29M Windy Craggy, L29M L29M, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like GYA0B ALIBECK ARRAY, A36M Sachs Harbour, A36M comp=Z,15nm,0.8s, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like BFSC Mount Baldy Ra, FURC Furnace Creek, ELK Elk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESDC, TORO, DBIC, ZON, ZON, TRQA, etc.

HEL 01 10:59:53.8±0.2, 64.79N-30.69E, h0km, ML2.0, Explosion
KOLA 01 10:59:54.8±0.2, 64.74N-31.24E, h0km, ML2.2, Error ellipse:
s-maj=42.3km s-min=12.6km az=120.0, Karelia

ISC 01 10:59:53.5±1.0, 64.82N-0.003-30.71E, h0km, n35,
a=11250, Finland-Karelia border region

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RMF, KU6, NIF, etc.

NEIC 01 11:23:30.6±0.9, 19.31N-0.02±155.14W±0.01, h5km±1km,
Error ellipse: s-maj=3.2km s-min=2.7km az=329.0

HVO 01 11:23:30.3±1.1, 19.31N-0.02±155.12W±0.01, h3km±2km,
ML2.4/8, ML2.5/4(NEIC), Error ellipse: s-maj=2.8km
s-min=1.0km az=152.0, Hawaiian Islands

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

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

HEL 01 11:29:07.3±0.1, 63.98N-28.14E, h0km, ML1.8, Suspected
explosion

ISC 01 11:29:06.2±0.8, 63.98N-0.02±28.18E±0.03, h0km, n29,
a=11751, Finland

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIF, RMF, OUL, etc.

HVO 01 11:32:02.3±1.1, 19.19N-0.02±155.45W±0.03, h37km±2km,
ML3.6/6, ML2.5/3(NEIC), Error ellipse: s-maj=4.3km
s-min=3.4km az=109.0

NEIC 01 11:32:00.9±1.3, 19.23N-0.03±155.54W±0.04, h45km±4km,
Error ellipse: s-maj=5.0km s-min=4.0km az=120.0,
Hawaiian Islands

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

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

ISC 01 12:08:25.2±13.0, 34.56S-54.64E, h0km, mb3.6/2,
s-min=65.6km az=39.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H04N1, H04N2, etc.

JMA 01 12:12:53.2±0.3, 30.0°N±2.1°E, h472km, MV3.7/32,
NEAR TORISHIMA IS

ISC 01 12:12:54.4±0.9, 30.21N±138.71E, h430km±9km, mb3.0/11,
mbmp3.9/18, Error ellipse: s-maj=14.9km s-min=12.3km
az=109.0

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHCJ, JHJ, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CLCO Concord Point, NIKH Nikolski High, CLES Cleveland East, etc.

Table with columns: CRIN, San Cristobal, Az, Phase, ID, Time, Res. Includes stations like CRIN San Cristobal, CNGA Al SSO del Vol, MACN El Madrone, etc.

Table with columns: IGN, OMEN, UTEC, SNET, etc. Includes stations like IGN, OMEN Al SSO del Vol, UTEC Universidad Te, SNET Serv Nac Est T, etc.

AFAD 01 12:43:41.0-0.0,37.63N-38.14E, h7km,5km,ML1,8, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AZEY Adayaman-Merk, HANM Gaziantep, HANM anIurfa/HI, etc.

AFAD 02 12:44:44.9-0.4, 11.97N-87.81W, h26km,5km,ML4,4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CATAC 01, SNET 01, NEIC 01, etc.

AFAD 03 12:44:46.5-1.8, 12.12N-87.77W, h19km,ML4,0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CATAC 02, SNET 02, NEIC 02, etc.

CATAC 01 12:44:44.9-0.4, 11.97N-87.81W, h26km,5km,ML4,4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CATAC 01, SNET 01, NEIC 01, etc.

CATAC 02 12:44:46.5-1.8, 12.12N-87.77W, h19km,ML4,0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CATAC 02, SNET 02, NEIC 02, etc.

CATAC 03 12:44:48.9-1.8, 12.17N-0.07-87.64W, 0.07, h52km,7km, mb4,4/143, Error ellipse: s-maj=12.2km s-min=7.8km az=223.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CATAC 03, SNET 03, NEIC 03, etc.

Table with columns: TXAR, Lajitas Array, comp=Z, 22.68 322, P, P, 12 49 46.0 +0.6, etc. Includes stations like TXAR, TX31, PCRV, U40A, etc.

Table with columns: BC3, Big Chuckwall, baz=122, 33.18 315, P, P, 12 51 19.7 -0.2, etc. Includes stations like BC3, O20A, HRVA, etc.

Table with columns: N31M, Braeburn, Yuko, 60.25 336, P, P, 12 54 51.2 +0.4, etc. Includes stations like N31M, HYT, N30M, etc.

1d 12h

Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
BMAR	Burnt Mountain	66.53	339	P	P	12 55 32.0	-0.3		
KDAK	Kodiak Island	66.53	328	P	P	12 55 31.9	-0.4		
HOM	Home	66.58	330	P	P	12 55 32.1	-0.5		
MCK	McKinley	66.68	335	P	P	12 55 33.0	-0.3		
G25K	Bearman Lake	66.77	338	P	P	12 55 33.6	-0.2		
CUT	Chulitna	66.79	333	P	P	12 55 33.5	-0.5		
F25K	Christian Rive	66.97	339	P	P	12 55 33.8	-1.3		
NEA2	Nenana	67.05	336	P	P	12 55 34.2	-1.4		
H24K	Noodor Dome	67.05	337	P	P	12 55 35.6	-0.1		
TRF	Thorofore Moun	67.15	334	P	P	12 55 35.6	-0.8		
O20K	Slope Mountain	67.17	330	P	P	12 55 35.4	-1.1		
E25K	Arctic Village	67.17	340	P	P	12 55 35.8	-0.5		
E25K	Arctic Village	67.17	340	P	P	12 55 36.3	0.0		
SKT	Skwentna	67.22	333	P	P	12 55 36.2	-0.5		
G24K	Hadweenciz Riv	67.24	338	P	P	12 55 36.6	-0.2		
C27K	Jago River	67.27	342	P	P	12 55 36.8	-0.1		
N20K	Mount Spurr	67.29	332	P	P	12 55 36.9	-0.4		
P19K	Oil Pt	67.35	330	P	P	12 55 36.2	-1.4		
I23K	Minto, Yukon-K	67.36	336	P	IAMB	12 55 36.4	-1.1		
I23K	Minto, Yukon-K	67.36	336	P	IAMB	12 55 38.4			
Q19K	Cape Douglas,	67.37	329	P	P	12 55 36.5	-1.2		
BPWA	Bear Paw Mtn.	67.66	335	P	P	12 55 38.7	-0.7		
H23K	Yukon River	67.68	337	P	P	12 55 38.7	-0.8		
CHIR	Chirikof Island	67.70	326	P	P	12 55 39.6	-0.2		
F24K	Squaw Lake	67.72	339	P	P	12 55 39.1	-0.7		
C26K	Camden Bay	67.78	342	P	P	12 55 39.9	-0.1		
PPLA	Purkeypile	67.79	333	P	P	12 55 40.1	-0.3		
MLY	Manley	67.87	336	P	P	12 55 40.2	-0.6		
CAST	Castle Rocks	67.90	334	P	P	12 55 40.3	-0.8		
M20K	Styx River	67.91	332	P	P	12 55 39.5	-1.7		
D25K	Kavik River	67.97	341	P	IAMB	12 55 41.0	-0.4		
D25K	Kavik River	67.97	341	P	IAMB	12 55 41.6			
D25K	Kavik River	67.97	341	P	P	12 55 40.9	-0.5		
CHUM	Lake Minchumin	68.14	334	P	P	12 55 42.2	-0.2		
E24K	Your Creek	68.15	339	P	P	12 55 42.2	-0.3		
G23K	Bananza Creek	68.19	338	P	P	12 55 42.9	+0.2		
N19K	Bonanza Creek	68.25	331	P	P	12 55 43.5	+0.1		
P18K	Big Mountain,	68.27	329	P	P	12 55 43.6	+0.2		
O18K	Koktuh Hills	68.37	330	P	P	12 55 44.3	+0.3		
H22K	Ishtalitna Cre	68.41	337	P	P	12 55 44.1	0.0		
L20K	Farewell, AK	68.42	333	P	P	12 55 43.5	-0.8		
COLD	Coldfoot	68.44	338	P	P	12 55 44.3	0.0		
M19K	Big River Lodg	68.49	332	P	P	12 55 44.4	-0.3		
K20K	Telida	68.74	334	P	P	12 55 45.7	-0.5		
TOLK	Toolik Lake Re	68.74	340	P	P	12 55 45.9	-0.3		
L19K	White Mountain	68.78	332	P	P	12 55 46.5	0.0		
G22K	Bettles	68.81	338	P	P	12 55 45.9	-0.7		
C24K	Franklin Bluff	68.88	341	P	P	12 55 46.5	-0.4		
N18K	Klize Creek	68.89	331	P	P	12 55 46.3	-0.9		
H21K	Melozitna Rive	68.99	336	P	P	12 55 46.6	-0.5		
J20K	Nowinta River	69.00	335	P	P	12 55 47.2	-0.6		
M18K	Stony River	69.05	332	P	P	12 55 46.8	-1.3		
R16K	Pilot Point	69.09	327	P	P	12 55 48.3	-0.2		
D23K	Nanushuk River	69.24	340	P	P	12 55 49.3	+0.1		
F22K	John River	69.25	338	P	P	12 55 49.6	+0.3		
O17K	Koliganek Bris	69.28	330	P	P	12 55 49.2	-0.4		
I20K	Naaghedeneel	69.31	335	P	P	12 55 48.2	-1.5		
CHGN	Chignik	69.33	326	P	P	12 55 48.8	-1.1		
E22K	Anaktuvuk Pass	69.33	339	P	P	12 55 49.2	-0.6		
G21K	Alakaket	69.43	337	P	P	12 55 50.1	-0.4		
N17K	Nushagak Hills	69.48	330	P	P	12 55 49.9	-0.9		
C23K	Iklikil River	69.54	341	P	P	12 55 50.5	-0.5		
C23K	Iklikil River	69.54	341	P	P	12 55 50.7	-0.3		
J19K	Poorman	69.58	334	P	P	12 55 50.5	-0.9		
L18K	Granite Mounta	69.62	332	P	P	12 55 50.7	-1.0		
F21K	Alatina River	69.64	338	P	P	12 55 51.5	-0.2		
F21K	Alatina River	69.64	338	P	IAMB	12 55 52.9			
F21K	Alatina River	69.64	338	P	P	12 55 50.8	-1.0		
H20K	Anotleneega Mo	69.67	336	P	P	12 55 51.2	-0.8		
O16K	Kokwok River B	69.74	329	P	P	12 55 51.3	-1.1		
CHNA	Chernabura Isl	69.77	324	P	P	12 55 52.1	-0.6		
M17K	Hollita River	69.79	331	P	P	12 55 52.3	-0.5		
D22K	Ayikyak River	69.89	340	P	P	12 55 53.1	-0.2		
J18K	Innok River	69.92	333	P	P	12 55 53.3	-0.2		
S14K	Fog Glacier	69.95	326	P	P	12 55 53.6	-0.3		
E21K	Killik River	70.19	339	P	P	12 55 54.1	-1.0		
E21K	Killik River	70.19	339	P	P	12 55 55.0	-0.2		
N16K	Nishlik Lake	70.24	330	P	P	12 55 55.0	-0.5		
H19K	Roundabout Mou	70.31	336	P	P	12 55 55.8	0.0		
SDPT	Sand Point	70.34	325	P	P	12 55 56.0	-0.2		
F20K	Avaraart Lake	70.43	337	P	P	12 55 56.6	+0.1		
M16K	Timber Creek	70.43	331	P	P	12 55 56.3	-0.4		
K17K	Iditarod	70.46	333	P	P	12 55 55.9	-0.9		
O15K	Ungalikthiuk R	70.54	329	P	P	12 55 57.3	0.0		
B22K	Teshkepuk Lake	70.61	341	P	P	12 55 56.7	-0.9		
B22K	Teshkepuk Lake	70.61	341	P	P	12 55 58.0	+0.4		
C21K	Knifeblade Rid	70.69	340	P	P	12 55 58.2	+0.1		

2018 JUN

Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
G19K	Purcell Mounta	70.72	336	P	P	12 55 57.8	-0.5		
B21K	Ikpkpuk River	70.78	340	P	P	12 55 58.5	-0.1		
B21K	Ikpkpuk River	70.78	340	P	P	12 55 58.0	-0.6		
L16K	Owhat River	70.80	331	P	P	12 55 58.7	-0.2		
N15K	Kwethluk River	70.83	330	P	P	12 55 58.9	-0.3		
E20K	Nigu River	70.93	338	P	P	12 55 59.5	-0.1		
J17K	VABM Dome	70.94	333	P	P	12 55 59.2	-0.6		
H18K	Honhosa River	71.00	335	P	IAMB	12 55 59.3	-0.8		
H18K	Honhosa River	71.00	335	P	IAMB	12 56 42.4			
H18K	Honhosa River	71.00	335	P	P	12 55 58.6	-1.5		
F19K	Shalercuk Mo	71.15	337	P	P	12 56 00.2	-0.7		
M15K	Kasigluk River	71.21	330	P	P	12 56 01.2	-0.2		
S12K	Black Hills	71.28	325	P	P	12 56 00.9	-1.0		
G18K	Tagagawik	71.28	336	P	P	12 56 01.5	-0.3		
O14K	Tigikluivut M	71.28	329	P	P	12 56 01.6	-0.2		
A22K	Sinclair Lake	71.32	341	P	P	12 56 01.4	-0.4		
J16K	Anvik River	71.60	333	P	P	12 56 02.9	-0.8		
H17K	Granite Mounta	71.60	335	P	P	12 56 02.9	-0.8		
B20K	Meade River	71.73	340	P	P	12 56 04.0	-0.3		
I17K	Unalakleet	71.74	334	P	P	12 56 04.2	-0.3		
L15K	Ungalak Mounta	71.74	331	P	P	12 56 03.9	-0.7		
M14K	Bethel	71.81	330	P	P	12 56 04.3	-0.8		
K15K	Wolf Creek Mou	71.86	332	P	P	12 56 04.3	-0.9		
FALS	Fall Pass	71.97	324	P	P	12 56 05.5	-0.5		
G17K	Kiwalik Mounta	72.01	335	P	P	12 56 05.6	-0.6		
L14K	North Star Dit	72.27	331	P	P	12 56 06.5	-1.1		
C19K	Lookout Ridge	72.34	339	P	P	12 56 07.4	-0.7		
F17K	Baldwin Pennin	72.43	336	P	P	12 56 07.6	-1.0		
E17K	Hotham Inlet	72.77	337	P	P	12 56 10.2	-0.4		
C18K	Utukok River	72.82	338	P	IAMB	12 56 11.0	+0.1		
C18K	Utukok River	72.82	338	P	IAMB	12 56 32.3			
C18K	Utukok River	72.82	338	P	P	12 56 10.3	-0.6		
J14K	Nanvaranak Lak	72.85	332	P	P	12 56 10.6	-0.6		
A19K	Wainwright	73.08	340	P	P	12 56 11.9	-0.5		
B18K	Kokolik River	73.17	339	P	P	12 56 12.6	-0.3		
K13K	Kusilvak Mount	73.27	331	P	P	12 56 13.0	-0.6		
G15K	Niukluk	73.34	334	P	P	12 56 13.2	-0.8		
D17K	Noatak River	73.35	337	P	P	12 56 13.6	-0.4		
C17K	DeLong Mountai	73.50	338	P	P	12 56 14.7	-0.2		
F15K	North Star Dit	73.69	335	P	P	12 56 15.4	-0.7		
UNV	Unalaksa Valle	73.72	323	P	P	12 56 16.4	0.0		
C16K	Lisburne Hills	74.27	338	P	P	12 56 19.4	0.0		
F14K	Arctic Creek	74.36	335	P	P	12 56 20.3	+0.3		
TNA	Tin City	75.03	335	P	P	12 56 23.8	0.0		

1d 13h

Table of astronomical observations for 1d 13h, including columns for ID, Name, RA, Dec, Az, El, and other parameters.

2018 JUN

Table of astronomical observations for 2018 JUN, including columns for ID, Name, RA, Dec, Az, El, and other parameters.

44

Table of astronomical observations for 44, including columns for ID, Name, RA, Dec, Az, El, and other parameters.

Table with columns: PLUG, Tehuacan, 2.72 21 eS, Sn, 13 49 55.9 -1.6, Y52A comp=Z,17nm,0.9s Iamb Iamb 13 53 37.2

Table with columns: S39A Bolivar, 22.20 11 Iamb P, 13 53 38.4 +1.4, SWET Sewance, 22.27 28 Iamb Iamb, 13 53 37.8 -0.1

Table with columns: KHU Kahuku, 0.37 244 Pg, 13 49 18.9 +1.0, KHU Kahuku, 0.37 244 IAML, 13 49 25.9

NEIC 01 13:50:57.5:0.8, 19:405N:0:008, 155:267W:0:009, h1km,3km, Error ellipse: s-maj=1.3km s-min=1.1km

HVO 01 13:50:56.6:0.7, 19:411N:0:004, 155:269W:0:009, h1km,3km, MD3.0/8, ML3.0/44(NEIC), Error ellipse: s-maj=1.2km s-min=0.5km az=105.0, Hawaiian Islands

Table with columns: Code Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC, BYL Byron's Ledge, 0.01 82 Op Pg, 13 50 57.4 +0.3

NEIC 01 13:52:43.1±2.3, 16:04N:0:049, 98:36W:0:04, h10km,1km, mb4.3/59, MD4.5/125(MEX), Error ellipse: s-maj=7.6km s-min=6.6km az=218.0

MEX 01 13:52:44.1±0.8, 15:95N:98:40W, h13km,20km, MD4.4, IDC 01 13:52:45.9±2.8, 15:83N:98:23W, h35km,46km, mb3.5/6, mbmp3.7/9, ML3.4/3, Error ellipse: s-maj=9.6km s-min=29.5km az=8.0

ISC 01 13:52:40.8±1.3, 16:00N:0:049, 98:39W:0:02, h3km,7km, n180, ±25/20, mb4.3/32, Near coast of Guerrero

Table with columns: Code Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC, PNIG Pinotepa, 0.46 33 Op S, 13 52 52.5 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKN, CHIR, P19K, HIN, KAIM, SLKM, O20K, ILSW, SUCK, RAGM, HMT, GLI, GLU, RDSO, RDT, P18K, RDWB, GRIN, FIS, SNH, O18K, KNK, BMRM, WAX, P17K, BARK, MESA, SUA, KLU, ISLE, STLK, GHO, N19K, SML, VRDI, KIAG, N25K, GSHI, PTPK, N18K, M24K, PNL, BARN, BCMP, CTGM, LOGN, N17K, O26M, M19K, O29M, P29M, L19K, DHY, M27K, S31K, KTH, O14K, S12K, E32K, BPAW, N30M, M29M, L29M, U33K.

IDC 01 15:39:12.4d.0.8, 1.42N; 126.19E, h0km, mb4.0/8, mbtmp4.0/8, Error ellipse: s-maj=56.9km s-min=16.6km az=72.0

DJA 01 15:39:18.5s.1.5, 1.1N; 8.12E, h11km, m3.8/9, mb3.9/3, mb4.9/1, MLV3.7/9, Mw(MB)4.2/1

ISC 01 15:39:18.9d.0.7, 1.51N; 0.09E, 126.62E, 0.07, h47km, n24, r136/24, mb4.0/9, Northern Molouca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBMI, KMSI, SANI, GTOI, LUWI, TOLII, MPSI, GENI, COEN, WRA, ASAR, ASO1, WRKA, WODK, MULG, BBOO, KSRS, STKA, PETK, MKAR, KURBB, FINES.

IDC 01 15:42:21.4d.0.8, 6.37S; 143.26E, h0km, mb4.0/9, mbtmp4.0/11, ML1.8/1, MS3.3/8, Error ellipse: s-maj=34.9km s-min=17.6km az=70.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FAKI, KDU, QIS, WRA, WRA, WRA, SOEI, ASOI, ASAR, ASAR, ASAR, ASAR, BAWI, LUTI, OOD, OOD, KAPI, WAKI, STKA, JOW, KSRS, KSRS, CMAR, KLR, MKAR, ZALV, ZALV, KURBB, GSPA, BVAR, ILAR.

ISK 01 15:48:16.2, 40.89N; 32.87E, h6km, ML2.7/9 AFAD 01 15:48:19.3d.0.0, 40.68N; 32.83E, h7km, 2km, ML2.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DERS, DERS, DERS, DERS, CMDR, CMDR, ELDT, ELDT, ELDT, KBUK, KBUK, KBUK, BCAM, BCAM, BCAM, PELI, PELI, PELI, DEVR, DEVR, DEVR, BOLU, BOLU, BOLU, YUVA, BTIN, BTIN, BTIN, BR131, MDUB, AFSR, SVRH, KULU, GULT, BRCK, SAUV.

IDC 01 16:12:52.0d.2.5, 36.25N; 70.79E, h185km, 23km, M3.5/14, mbtmp4.0/21, Error ellipse: s-maj=17.1km s-min=14.0km az=5.0

NEIC 01 16:12:54.5s.1.3, 36.47N; 0.08E; 7E; 0.1, h200km, 8km, mb4.1/17, Error ellipse: s-maj=14.3km s-min=10.2km az=124.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CHR, GAR, SIMJ, DRK, BTK, JMU, KSH, ARSB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like THN, THN, THN, THN, DHRM, DHRM, DHRM, UCH, EKSZ, KK31, KK31, KK31, KKAR, KKAR, AAK, AAK, AAK, AAK, AAK, AAK, FRU1, CHMS, CHMS, CHMS, BOOM, USP, TKM2, TKM2, TKM2, SMLA, SMLA, SMLA, TARG, KUDL, KUDL, GEYT, GEYT, AJM, JHNI, JHNI, MAZK, MKAR, MKAR, MKAR, BHP, BHP, AB31, AB31, AB31, AKBO, AKBO, AKBO, KURK, BVAR, BVAR, BVAR, BVAR, AKTO, WSAR, UOSS, ZAAO, ZALV, ARU, ARU, SONM, AKASO, FINES, ARCES, HFS, NB2, NOA, TIXI, SPITS, BILL, BILL, TORD, D19K, E18K, E18K, F15K, E21K, TOLK, TOLK, G19K, G19K, H19K, J14K, BMAR, H23K, ILAR, YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like D19K, E18K, F15K, E21K, TOLK, G19K, H19K, J14K, BMAR, H23K, ILAR, YKA.

1d 16h

comp=Z,0.7nm,0.7s
WRA Warramunga Arr 82.14 122 P P 16 24 51.1 -0.8
ASAR Alice Springs 84.40 125 P P 16 25 03.6 +0.3

HVO 01 16:36:43.2±1.1, 19°403N,0°006'-155°265W±0.007,
h1=0km,ML3,0/31,ML2.5/36(NEIC),Error ellipse:
s-maj=0.9km s-min=0.0km az=213.0
NEIC 01 16:36:43.5±1.0, 19°406N,0°007'-155°262W±0.004,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Byron's Ledge, Keankako I, HATHI Halema'uma'u T, etc.

BUI 01 16:42:24.4±0.0, 5°82S, 142°90E, h21km, mb4.6/42,
mB4.9/15, Ms4.3/1, Ms7.4/0/1
IDC 01 16:42:25.1±0.6, 5°67S, 142°54E, h0km, mb4.3/14,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Port Moresby, Coen, FAKI, etc.

2018 JUN

Main table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations including PZH, MDJ, TNCH, BNX, HHC, LZH, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like N18K, J17K, KDAK, L18K, etc.

KNK	Knik Glacier	85.38	27	P	P	16 55 02.8	-0.8
SML	Sawmill	85.58	26	P	P	16 55 04.2	-0.5
SML	Sawmill	85.58	26	P	P	16 55 03.9	-0.7
F21K	Alatina River	85.70	21	P	P	16 55 04.8	-0.4
MLY	Manley	85.79	23	P	Iamb	16 55 05.0	-0.7
MLY	Manley	85.79	23	P	Iamb	16 55 05.9	-0.7
MLY	Manley	85.79	23	P	Iamb	16 55 04.9	-0.7
GLI	Glacier Island	85.81	28	P	Iamb	16 55 05.1	-0.8
GLI	Glacier Island	85.81	28	P	Iamb	16 55 05.6	-0.8
GLI	Glacier Island	85.81	28	P	Iamb	16 55 05.0	-0.8
B20K	Meade River	85.81	17	P	Iamb	16 55 05.4	-0.2
B20K	Meade River	85.81	17	P	Iamb	16 55 06.4	-0.2
M23K	Glacier View	85.84	27	P	P	16 55 05.4	-0.2
WAT1	Susitna Watana	85.85	25	P	P	16 55 05.3	-0.7
H22K	Ishatitna Cre	85.89	22	P	P	16 55 05.0	-1.0
R24K	Reindeer	85.93	25	P	P	16 55 05.1	-1.3
MCK	McKinley	86.02	25	P	P	16 55 05.7	-1.1
SCM	Sheep Creek Mo	86.03	27	P	Iamb	16 55 06.5	-0.5
SCM	Sheep Creek Mo	86.03	27	P	Iamb	16 55 07.1	-0.5
SCM	Sheep Creek Mo	86.03	27	P	Iamb	16 55 06.1	-0.9
E1K	Killik River	86.07	19	P	Iamb	16 55 06.7	-0.3
E21K	Killik River	86.07	19	P	Iamb	16 55 08.3	-0.3
E21K	Killik River	86.07	19	P	Iamb	16 55 06.4	-0.6
WAT6	Susitna Watana	86.11	26	P	P	16 55 07.7	-0.7
C21K	Knifeblade Rid	86.14	19	P	P	16 55 07.0	-0.3
F22K	John River	86.28	21	P	P	16 55 07.7	-0.3
NEA2	Nenana	86.28	24	P	P	16 55 07.4	-0.6
I23K	Minto, Yukon-K	86.38	23	P	P	16 55 07.7	-0.8
B21K	Ikpikpuk River	86.40	18	P	P	16 55 08.4	-0.2
B21K	Ikpikpuk River	86.40	18	P	P	16 55 08.1	-0.4
DHY	Denali Highway	86.44	25	P	Iamb	16 55 08.3	-0.7
DHY	Denali Highway	86.44	25	P	Iamb	16 55 09.0	-0.7
DHY	Denali Highway	86.44	25	P	Iamb	16 55 08.4	-0.7
KLU	Klutina	86.55	27	P	P	16 55 08.8	-0.7
H23K	Yukon River	86.56	23	P	P	16 55 09.2	-0.3
H23K	Yukon River	86.56	23	P	P	16 55 09.3	-0.2
M24K	Tolson, Glenn	86.64	27	P	P	16 55 09.3	-0.7
E22K	Anaktuvuk Pass	86.66	20	P	P	16 55 09.9	0.0
D22K	Aiyikyak River	86.69	19	P	P	16 55 09.8	-0.2
D22K	Aiyikyak River	86.69	19	P	P	16 55 10.0	0.0
G23K	Bananza Creek	86.72	22	P	P	16 55 09.9	-0.4
G23K	Bananza Creek	86.72	22	P	P	16 55 10.1	-0.2
KAIM	Kayak Island	86.77	29	P	P	16 55 10.0	-0.5
COLD	Coldfoot	86.86	21	P	P	16 55 10.3	-0.6
COLA	College	86.87	24	P	P	16 55 10.6	-0.3
A22K	Sinclair Lake	86.94	17	P	P	16 55 10.8	-0.3
HMT	Hamilton	86.96	29	P	P	16 55 11.0	-0.5
BMIR	Bremner River	86.99	28	P	P	16 55 10.8	-0.9
HDA	Harding Lake	87.08	24	P	P	16 55 11.5	-0.4
B22K	Teshchekpuk Lake	87.09	18	P	P	16 55 11.5	-0.4
B22K	Teshchekpuk Lake	87.09	18	P	P	16 55 11.8	-0.1
POKR	Poker Plat Res	87.12	24	P	P	16 55 12.1	-0.1
HARP	HAARP	87.18	26	P	P	16 55 12.0	-0.5
N25K	Chitina, Valde	87.19	27	P	P	16 55 11.9	-0.8
H24K	Noodor Dome	87.20	23	P	Iamb	16 55 12.2	-0.4
H24K	Noodor Dome	87.20	23	P	Iamb	16 57 21.1	-0.4
H24K	Noodor Dome	87.20	23	P	Iamb	16 55 12.3	-0.3
IL31	IL31	87.22	24	P	Iamb	16 55 10.6	-2.0
IL31	IL31	87.22	24	P	Iamb	16 55 11.2	-2.0
ILAR	Eielson Array	87.22	24	P	P	16 55 10.8	-1.9
ILAR	Eielson Array	87.22	24	P	P	16 55 10.5	-2.2
PAX	Paxson	87.22	26	P	P	16 55 12.4	-0.5
VR3K	Nanushuk River	87.38	19	P	P	16 55 13.6	+0.2
D21K	Verde Repeater	87.60	28	P	Iamb	16 55 14.1	-0.7
VRD1	Verde Repeater	87.60	28	P	Iamb	16 56 39.9	-0.7
TOLK	Toolik Lake Re	87.63	20	P	Iamb	16 55 15.1	+0.5
TOLK	Toolik Lake Re	87.63	20	P	Iamb	16 55 14.6	0.0
TOLK	Toolik Lake Re	87.63	20	P	Iamb	16 55 15.7	-0.5
TOLK	Toolik Lake Re	87.63	20	P	Iamb	16 55 14.5	-0.1
G24K	Hadweenzic Riv	87.66	22	P	Iamb	16 55 14.2	-0.5
G24K	Hadweenzic Riv	87.66	22	P	Iamb	16 55 16.0	-0.5
G24K	Hadweenzic Riv	87.66	22	P	Iamb	16 55 14.5	-0.3
WAX	Waxell Ridge	87.67	29	P	P	16 55 14.9	-0.1
C23K	Itkillik River	87.75	19	P	P	16 55 15.4	+0.3
C23K	Itkillik River	87.75	19	P	P	16 55 14.9	-0.2
J25K	Salcha River,	87.79	24	P	Iamb	16 55 14.4	-1.1
J25K	Salcha River,	87.79	24	P	Iamb	16 55 15.0	-1.1
J25K	Salcha River,	87.79	24	P	Iamb	16 55 14.8	-0.7
E24K	Your Creek	87.79	21	P	P	16 55 15.4	0.0
F24K	Squaw Lake	87.80	21	P	Iamb	16 55 15.4	0.0
F24K	Squaw Lake	87.80	21	P	Iamb	16 55 16.7	-0.7
F24K	Squaw Lake	87.80	21	P	Iamb	16 55 15.3	-0.1
MCARA	McCarthy VSAT	87.84	28	P	P	16 55 15.5	-0.3
PRP	Porcupine Dome	88.01	23	P	P	16 55 16.2	-0.4
MESA	MESA	88.03	29	P	P	16 55 16.3	-0.5
D24K	Happy Valley	88.07	20	P	P	16 55 16.5	-0.2
D24K	Happy Valley	88.07	20	P	P	16 55 16.8	+0.1
H25L	Birch Creek	88.14	23	P	P	16 55 17.1	+0.1
M26K	Nabesna, AK	88.14	27	P	P	16 55 16.9	-0.3
L26K	Log Cabin Wild	88.16	26	P	P	16 55 16.8	-0.4
SCRK	Sand Creek	88.17	25	P	P	16 55 17.1	-0.3
G25K	Bearman Lake	88.22	19	P	P	16 55 17.0	-0.3
C24K	Franklin Bluff	88.32	19	P	P	16 55 17.6	-0.2
BARN	Barnard Glacie	88.39	28	P	P	16 55 18.4	-0.2
FYU	Fort Yukon	88.46	22	P	P	16 55 18.7	+0.2
J26L	Joseph Creek	88.50	25	P	P	16 55 18.1	-0.8
J26L	Joseph Creek	88.50	25	P	Iamb	16 55 19.3	-0.8

J26L	comp=Z,5.5nm,1.1s	88.50	25	P	P	16 55 18.2	-0.7
CTG	Chitina Glacier	88.52	28	P	P	16 55 18.4	-0.7
CTGM	Chitina Glacier	88.52	28	P	Iamb	16 55 18.5	-0.7
CTGM	Chitina Glacier	88.52	28	P	Iamb	16 55 19.8	-0.7
M27K	comp=Z,6.3nm,0.8s	88.63	27	P	Iamb	16 55 19.4	-0.2
M27K	Edge Creek, AK	88.63	27	P	Iamb	16 55 20.4	-0.2
M27K	Edge Creek, AK	88.63	27	P	P	16 55 19.0	-0.6
F25K	Christian River	88.64	21	P	P	16 55 19.2	-0.3
LOGN	Logan Glacier	88.64	28	P	P	16 55 19.4	+0.3
E25K	Arctic Village	88.83	21	P	P	16 55 20.5	+0.2
E25K	Arctic Village	88.83	21	P	P	16 55 20.3	0.0
L27K	Beaver Creek,	88.84	26	P	P	16 55 20.0	-0.5
L27K	Beaver Creek,	88.84	26	P	P	16 55 19.9	-0.5
BCAR	Beaver Creek A,	88.86	26	P	P	16 55 20.4	-0.2
I26K	Coal Creek Min	88.90	24	P	P	16 55 20.4	-0.2
D25K	Kavik River	88.95	20	P	P	16 55 20.7	-0.1
D25K	Kavik River	88.95	20	P	P	16 55 20.6	-0.3
BMAR	Burnt Mountain	88.97	22	P	P	16 55 21.0	0.0
K27K	Chicken	88.99	25	P	Iamb	16 55 21.6	+0.5
K27K	Chicken	88.99	25	P	Iamb	16 55 22.3	-0.2
K27K	Chicken	88.99	25	P	P	16 55 20.9	-0.2
O28M	Mount Upton	89.02	29	P	P	16 55 20.9	-0.7
G26K	Porcupine River	89.12	22	P	P	16 55 21.7	+0.1
YUK3	Moose Creek	89.13	28	P	P	16 55 21.5	-0.6
PNL	Peninsula	89.15	30	P	P	16 55 21.5	-0.5
F26K	Shenjek River	89.21	21	P	P	16 55 22.0	-0.1
YUK8	Steele Glacier	89.34	28	P	P	16 55 22.1	-1.0
ABKAR	Abkutak array	89.40	320	P	P	16 55 22.7	-0.6
ABKAR	Abkutak array	89.40	320	P	P	16 55 22.5	-0.8
EGAK	Eagle	89.57	25	P	Iamb	16 55 23.6	-0.2
EGAK	Eagle	89.57	25	P	Iamb	16 55 24.1	-0.2
EGAK	Eagle	89.57	25	P	P	16 55 23.3	-0.4
I27K	Kandik River	89.59	24	P	P	16 55 23.5	-0.5
C26K	Camden Bay	89.63	19	P	P	16 55 24.2	+0.3
O29M	Mount Kennedy	89.69	29	P	P	16 55 24.3	-0.3
H27K	Steamboat Moun	89.79	23	P	P	16 55 24.8	-0.1
H27K	Talbot Arm	89.88	28	P	P	16 55 25.4	-0.2
G27K	Doyon Strip	89.89	23	P	P	16 55 25.2	-0.2
YUK6	Outpost Mounta	89.93	29	P	P	16 55 25.3	-0.6
C27K	Jago River	89.94	20	P	P	16 55 25.4	0.0
P29M	Wint Craggy	89.96	30	P	P	16 55 25.6	-0.2
DAWY	Dawson	90.14	26	P	Iamb	16 55 26.3	-0.3
DAWY	Dawson	90.14	26	P	Iamb	16 55 27.3	-0.3
DAWY	Dawson	90.14	26	P	P	16 55 26.3	-0.3
M29M	Somme Creek	90.20	27	P	P	16 55 26.7	-0.3
M29M	Somme Creek	90.20	27	P	P	16 55 26.5	-0.7
I28M	Miner Creek	90.23	24	P	P	16 55 26.7	-0.3
I28M	Miner Creek	90.23	24	P	P	16 55 26.7	-0.3
E27K	Coleen River	90.28	21	P	P	16 55 27.1	0.0
HYT	Haines Junction	90.31	29	P	P	16 55 27.1	-0.4
S31K	Pelican	90.42	32	P	P	16 55 27.6	-0.3
P30M	Millin Dollar	90.44	30	P	P	16 55 27.7	-0.4
L29M	L29M	90.49	27	P	Iamb	16 55 28.2	+0.1
L29M	L29M	90.49	27	P	Iamb	16 55 34.2	-0.1
L29M	L29M	90.49	27	P	P	16 55 27.9	-0.3
PLBC	Pleasant Camp	90.62	30	P	P	16 55 28.3	-0.5
N30M	Aishik Lake	90.64	28	P	P	16 55 28.5	-0.4
SIT	Sitka	90.74	33	P	P	16 55 29.0	-0.3
F28M	Old Crow	90.77	22	P	P	16 55 29.2	-0.2
D27M	Malcolm River	90.77	20	P	P	16 55 29.2	-0.2
I29M	Ogilvie Camp,	90.88	24	P	P	16 55 29.4	-0.6
K29M	Barlow Dome	90.90	26	P	Iamb	16 55 29.6	-0.6
K29M	Barlow Dome	90.90	26	P	Iamb	16 55 30.9	-0.6
K29M	Barlow Dome	90.90	26	P	P	16 55 29.7	-0.6
M30M	Minto, Yukon	90.98	27	P	P	16 55 30.1	-0.3
O30N	Mendenhall	90.99	29	P	P	16 55 30.0	-0.6
H29M	Whitestone	91.03	23	P	P	16 55 30.5	-0.1
S32K	Killisono	91.21	32	P	P	16 55 31.2	-0.3
N31M	Bracewell, Yuko	91.26	28	P	P	16 55 31.7	-0.1
G29M	Pine Creek	91.31	23	P	P	16 55 32.1	+0.1
R32K	Eaglercrest	91.36	32	P	P	16 55 32.0	-0.2
J30M	Hart River	91.55	25	P	Iamb	16 55 33.1	-0.1
J30M	Hart River	91.55	25	P	Iamb	16 55 33.9	-0.1
J30M	Hart River	91.55	25	P	P	16 55 33.0	-0.2
WHY	Whitehorse	91.55	29	P	P	16 55 32.7	-0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Siquisique, La Rusia, Macapao, EI Baul, Zaragoza, Cauç, San Jacinto, C, Belin.

IDC 01 17:20:29.0,0.6, 15.05Sx.173.64W, h0km, mb4.2/12, mbtmp4.2/12, MS3.6/29, Error ellipse: s-maj=29.9km

NEIC 01 17:20:32.9,2.7, 15.15S,0.09:173.47W,0.1, h33km,6km, mb4.5/79, Error ellipse: s-maj=17.8km s-min=9.7km

ISC 01 17:20:32.0,0.4, 15.235S,0.06:173.35W,0.08, h30km, n119, s144/75, mb4.5/49, MS3.7/29, Tonga Islands

Main table of station data for the first section, including stations like Afiamalu, Niue, Nonsavu, LIFOU, Pines Island, Ouen Island, N, Mont Dzumac, etc.

Main table of station data for the second section, including stations like Thorofore Moun, Lajitas Array, Lajitas Array, Newport, Albuquerque, Wood River Hill, Harding Lake, Pinedale Array, etc.

Main table of station data for the third section, including stations like Isanotski Laza, Isanotski Nort, FALS, Concord Point, Black Hills, Saint George, Sand Point, Chernubava Is, etc.

IDC 01 17:20:47.0,2.5, 47.07N,166.55W, h0km, mb3.6/4, mbtmp3.5/6, ML3.0/2, MS3.3/3, Error ellipse: s-maj=42.3km

NEIC 01 17:20:56.2,2.7, 53.59N,0.08:166.33W,0.09, h78km,5km, mb3.6/44, ML3.3/7, MS3.8/6(AEIC), Error ellipse: s-maj=12.8km s-min=5.1km az=148.0

AEIC 01 17:20:56.5,2.8, 53.62N,0.06:166.39W,0.07, h71km,5km, Error ellipse: s-maj=10.3km s-min=4.9km az=154.0

ISC 01 17:20:56.0,0.9, 53.62N,0.1:166.30W,0.07, h80km,7km, n181, s143/182, mb3.5/4, Fox Islands

Main table of station data for the fourth section, including stations like Unalaska Valle, Makushin Natee, Makushin Swite, Makushin Table, etc.

Main table of station data for the fifth section, including stations like Thorofore Moun, Salcha River, Chitina Glacier, Bananza Creek, etc.

Main table of station data for the sixth section, including stations like Pokr, Alatina River, Nabesna, AK, Barnard Glacier, etc.

1d 17h

Table with columns: ID, Name, Time, Res, Pn, Iamb, AML, Sg, AML, Time, Res. Includes stations like E2AK, E24K, EGAK, etc.

HVO 01 17:33:09.6-0.7, 19.398N, 0.008-155.289W, 0.008, h-0km, 3km, ML3.0/31, ML2.3/34(NEIC). Error ellipse: s-maj=1.2km s-min=1.0km az=170.0

NEIC 01 17:33:10.1-1.2, 19.363N, 0.008-155.288W, 0.007, h2km, 3km, Error ellipse: s-maj=1.2km s-min=0.8km az=205.0, Hawaiian Islands

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

TEH 01 17:41:05.7, 34.44N, 45.82E, h10km, 79km, ML2.6, ISN 01 17:41:05.6, 0.7, 34.42N, 45.80E, h13km, 8km, ML2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KGS1, KGS1, GLG1, etc.

2018 JUN

Table with columns: ID, Name, Time, Res, Pn, Iamb, AML, Sg, AML, Time, Res. Includes stations like IBDR, IBDR, IBDR, etc.

NEIC 01 17:43:25.7, 1.3, 23.95N, 0.04-121.53E, h16km, 4km, mb4.4/57, Mw4.1/17, Error ellipse: s-maj=10.1km s-min=4.0km az=122.0, Moment Tensor Solution.

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

JMA 01 17:43:26.0, 0.1, 23.9N, 0.5-12.2E, h20km, 1km, MV3.7/15, TAIWAN REGION

NEIC 01 17:43:25.3, 23.95N, 121.52E, h13km, NIED 01 17:43:26.0, 23.90N, 121.50E, h20km, MW4.2, Moment Tensor Solution.

TAP 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, B, ASI 01 17:43:26.5, 23.94N, 121.48E, h19km, ML4.3, Mw4.2

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Table with columns: ID, Name, Time, Res, Pn, Iamb, AML, Sg, AML, Time, Res. Includes stations like SSSL, SSSL, SSSL, etc.

WCKO	baz=238	eS	Sn	17 43 59.0 +0.5
SBCB	Hsinchu baz=326	1.00 331 eP	Pg	17 43 46.2 +0.3
SBCB	baz=326	eS	Sg	17 44 01.4 +2.3
HSN	Hsinchu baz=341	1.01 330 P	Pg	17 43 46.6 +0.5
HSN	baz=341	eS	Sg	17 44 00.5 +1.0
STYH	Taoyuan baz=216	1.01 223 eP	Pb	17 43 45.3 -0.2
STYH	baz=216	eS	Sb	17 43 58.8 +0.3
CHN4	Tsaohsan baz=223	1.03 237 P	Pn	17 43 46.4 +0.5
CHN4	baz=223	S	Sn	17 43 60.0 +0.1
TPUB	Ta-pu baz=223	1.03 233 P	Pb	17 43 46.1 +0.4
TPUB	Ta-pu baz=223	1.03 233 S	Pb	17 43 46.0 +0.2
TPUB	Ta-pu baz=220	1.03 233 S	Sn	17 43 59.9 -0.1
TPUB	Ta-pu baz=220	S	Sb	17 43 46.3 +0.3
TPUB	Ta-pu baz=220	S	Sb	17 43 59.7 +0.8
CHN2	Minshiang baz=258	1.04 248 eP	Pn	17 43 46.8 +0.7
CHN2	baz=258	eS	Sg	17 44 01.5 +1.3
TATO	Taipei baz=358	1.05 358 P	Pb	17 43 46.4 +0.3
TATO	Taipei baz=358	1.05 358 S	Pb	17 43 45.9 -0.3
TATO	Taipei baz=358	S	Sb	17 43 58.8 -0.8
WRL	Guolierlin Hig baz=268	1.05 269 eP	Sn	17 43 46.4 +0.3
WRL	baz=268	eS	Sb	17 43 59.8 +0.3
TWA	Mucha baz=360	1.06 3 P	Pb	17 43 46.1 -0.1
TWA	baz=360	eS	Sw	17 43 59.5 -0.2
WTK	Tuku baz=256	1.07 258 eP	Pn	17 43 47.0 +0.5
WTK	baz=256	eS	Sg	17 44 01.9 +0.8
LONT	Longtian baz=182	1.07 200 eP	Pn	17 43 47.1 +0.5
LONT	baz=182	eS	Sg	17 44 02.5 +1.2
WTP	Ta-pu baz=218	1.07 231 P	Pb	17 43 46.9 +0.4
WTP	baz=218	S	Sn	17 44 01.7 +0.6
TIPB	Shuangxi baz=17	1.08 15 eP	Pb	17 43 46.3 -0.3
TIPB	baz=17	eS	Sb	17 44 00.2 -0.3
NCUH	Zhongli baz=346	1.09 343 eP	Pb	17 43 47.5 +0.8
NCUH	baz=346	eS	Sg	17 44 02.5 +0.6
CHY	Chiayi baz=257	1.09 248 eP	Pg	17 43 48.8 +1.2
CHY	baz=257	eS	Sg	17 44 03.0 +1.0
TAP	Taipei baz=2.0	1.11 359 eP	Pb	17 43 47.9 +0.7
TAP	baz=2.0	eS	Sg	17 44 04.1 +1.4
NHY	Taipei baz=13	1.12 2 eP	Pn	17 43 46.5 -0.7
WTCT	Ta-ch'eng baz=267	1.14 267 eP	Pn	17 43 47.9 +0.4
WTCT	baz=267	eS	Sn	17 44 03.1 +0.5
TWK	Hsinying baz=233	1.15 236 P	Pn	17 43 48.1 +0.4
TWK	baz=233	S	Sg	17 44 04.2 +0.4
TWB1	Santiao Chiao baz=16	1.16 21 eP	Pb	17 43 48.2 +0.2
NWF	Wu-fen Shan baz=14	1.17 11 eP	Pb	17 43 48.7 +0.5
NWF	baz=14	eS	Sn	17 44 03.9 +0.3
TWG	Pinlang baz=185	1.17 201 eP	Pn	17 43 45.4 -2.5
TWG	Pinlang baz=185	1.17 201 eP	Pn	17 43 45.4 -2.5
WFSB	Wu-fen Shan baz=22	1.17 11 eP	Pb	17 43 48.6 +0.5
WFSB	baz=22	eS	Sn	17 44 04.0 +0.5
TWGBT	Beinan baz=185	1.17 201 P	Pb	17 43 48.4 +0.3
TWGBT	Beinan baz=185	1.17 201 P	Pb	17 43 45.5 -2.4
CHN1	Nanshi baz=229	1.17 232 P	Pb	17 43 48.8 +0.6
CHN1	baz=229	S	Sg	17 44 04.6 +0.1
SNST	Tainan City baz=231	1.17 234 eP	Pg	17 43 49.5 +0.4
SNST	baz=231	eS	Sg	17 44 05.3 +0.8
TWS1	Kuangyinshan baz=9.0	1.18 355 eP	Pb	17 43 48.8 +0.5
TWS1	baz=9.0	eS	Sg	17 44 05.4 +0.6
SGST	Jiashan baz=223	1.20 226 eP	Pn	17 43 48.2 -0.2
SGST	baz=223	eS	Sg	17 44 05.5 0.0
SNX1	Grass Mountain baz=20	1.21 15 eP	Pb	17 43 48.2 -0.3
SNX1	baz=20	eP	Pb	17 43 49.4 +0.3
YMO1	YMO1 baz=6.0	1.22 2 eP	Pb	17 43 49.7 +0.6
SLGT	Ligui baz=217	1.23 221 eP	Pb	17 43 49.7 +0.6
WSF	Szhu baz=256	1.23 257 eP	Pn	17 43 49.2 +0.6
WSF	baz=256	eS	Sn	17 44 05.9 +1.1
LDUT	Ludao baz=179	1.24 182 eP	Pn	17 43 47.0 -1.9
LDUT	baz=179	eS	Sb	17 44 03.7 -1.3
NTST	Danshui baz=14	1.24 357 eP	Pn	17 43 49.0 +0.2
TNOU	National Taiwan Univ baz=23	1.25 10 eP	Pb	17 43 49.8 +0.4
TNOU	Shuilin Townsh baz=262	1.25 252 eP	Pb	17 43 50.2 +0.6
WSL	baz=262	eS	Sg	17 44 07.7 +0.6
ANP	Anpu baz=24	1.26 360 eP	Pn	17 43 49.8 +0.5
YMO8	YMO8 baz=7.0	1.26 3 eP	Pn	17 43 48.2 -1.0
ICHU	Yijhu baz=242	1.27 244 eP	Pb	17 43 50.2 +0.4
ICHU	baz=242	eS	Sg	17 44 08.1 +0.4
CHN8	Yiju baz=243	1.33 245 P	Pb	17 43 51.3 +0.4
CHN8	baz=243	eS	Sg	17 44 10.3 +0.6
TWY	Chenhua baz=7.0	1.35 3 eP	Pn	17 43 51.1 +0.7
SCST	Cishan baz=219	1.40 223 eP	Pb	17 43 52.6 +0.5
JYNG	Yonagunijimaku baz=226	1.40 67 P	Pn	17 43 51.0 -0.1
JYNG	baz=226	eS	Sn	17 44 09.4 +0.3
SHHT	Tainan City baz=226	1.40 231 eP	Pn	17 43 53.8 +0.3
ECL	Taimali baz=184	1.42 202 eP	Pn	17 43 49.6 -1.7
SCLT	Jiali baz=234	1.43 239 eP	Pn	17 43 51.8 +0.4
TSMG	Majia baz=221	1.46 214 eP	Pb	17 43 53.5 +0.5
YOJ	Yonaguni jima baz=82	1.46 68 P	Pn	17 43 52.3 +0.4
YOJ	Yonaguni jima baz=82	1.46 68 eP	Pn	17 43 51.8 -0.1
YOJ	Yonaguni jima baz=82	eS	Sb	17 44 11.5 +0.2
YOJ	Yonaguni jima baz=219	1.46 68 eP	Pn	17 43 52.0 +0.1
TWMI	Shoushan baz=219	1.49 223 eP	Pg	17 43 55.9 +0.7
SGLT	Jiuru	1.52 219 eP	Pg	17 43 56.5 +0.7

TSCK	Chigu Township baz=235	1.53 240 eP	Pb	17 43 54.5 +0.3
MASBT	Mashbuluo baz=219	1.54 212 eP	Pn	17 43 53.9 +0.9
SNUT	Kaoshiung City baz=219	1.59 224 eP	Pg	17 43 57.1 -0.1
EAST	Anshuo baz=187	1.65 202 eP	Pn	17 43 53.0 -1.6
SCZT	Fangliu baz=198	1.75 209 eP	Pn	17 43 55.7 -0.2
PCYT	Pengchayiu baz=21	1.77 16 eP	Pn	17 43 54.7 -1.5
WDGT	Dunji baz=243	1.83 249 eP	Pn	17 43 58.0 +0.9
PHUB	Peng-hu baz=253	1.84 258 eP	Pn	17 43 57.4 +0.3
PNG	Penghu baz=257	1.84 259 eP	Pn	17 43 57.5 +0.4
PNG	baz=257	eS	Sn	17 44 20.9 +1.0
LYUB	Lan-yu baz=164	1.91 178 eP	Pn	17 43 55.8 -2.2
IRIF	Iriomote-Funau	2.06 78 P	P	17 44 00.5 +0.4
IRIF	baz=164	S	Sb	17 44 26.1 +0.8
TWK1	Hengchun baz=186	2.08 199 eP	Pb	17 43 04.3 -0.1
TWKBT	Hengchun baz=187	2.08 199 eP	Pb	17 44 02.9 -0.7
HATJ	Hateruma jima	2.09 86 eP	Pn	17 44 01.1 +0.6
HATJ	baz=187	eS	Sn	17 44 27.1 +1.0
JKRS	Kuro-shima	2.29 82 P	P	17 44 04.3 +1.0
JKRS	baz=187	eS	Sn	17 44 32.1 +1.1
JJ	Shiga jima	2.43 79 P	Pn	17 44 05.3 +0.1
JJ	baz=187	eS	Sn	17 44 34.0 -0.6
PTMZ	Houxiangcun baz=299	2.46 297 eP	Pn	17 44 04.5 -1.2
JISG	Ishigakijimahi	2.63 75 P	Pn	17 44 08.1 +0.1
JISG	baz=299	eS	Sn	17 44 39.5 +0.1
MATB	Ma-tsu baz=335	2.65 328 eP	Pn	17 44 07.6 -0.6
OZH	Quanzhou	2.86 291 P	Pn	17 44 10.6 -0.6
OZH	baz=335	Sn	Smax	17 44 45.0 -0.2
OZH	comp=N,230nm,0.6s	Smax	Smax	
KNM	comp=E,250nm,1.0s	2.87 281 eP	Pn	17 44 12.2 +1.0
KNM	kinma baz=277			
JTJ	Tarama	2.99 75 eP	Pn	17 44 13.3 +0.5
LYJY	Jianjiangzhen	3.07 329 eP	Pn	17 44 13.3 -0.7
MHZQ	Yeshan baz=321	3.14 314 eP	Pn	17 44 13.3 -1.7
ZPLA	Ao Xicun baz=267	3.46 271 eP	Pn	17 44 19.1 -0.2
DSXP	Dongshan baz=263	3.76 268 eP	Pn	17 44 23.3 -0.2
JOW	Kunigami 5.3nm,0.3s,slow=122,slow=26,SNR=7.2	6.76 63 P	Pn	17 45 03.6 -1.1
JOW	6.8nm,0.3s			
NJ2	Nanjing	8.44 344 eP	Pn	17 45 26.4 -1.4
NJ2	comp=Z,14nm,0.5s		Pmax	
NJ2	comp=N,40nm,1.1s		Smax	
NJ2	comp=E,48nm,1.0s		Smax	
NJ2	comp=N,440nm,3.9s		LR	
NJ2	comp=E,570nm,4.6s		LR	
NJ2	comp=Z,1um,8.7s		LR	
QIZ	Qiongzong	11.91 248 P	Pn	17 46 16.3 +0.8
QIZ	comp=N,140nm,9.6s		LR	
QIZ	comp=E,210nm,13.1s		LR	
QIZ	comp=Z,240nm,18.1s		LR	
TIA	Tai'an	12.83 344 eP	Pn	17 46 27.3 -0.6
TIA	comp=Z,2.0nm,0.4s		Pmax	
TIA	comp=Z,2.1nm,3.5s		Pmax	
TIA	comp=N,240nm,10.2s		LR	
TIA	comp=E,91nm,7.3s		LR	
GYA	Guiyang	13.69 284 P	Pn	17 46 42.7 +2.8
GYA	comp=Z,7.0nm,0.5s		Smax	
GYA	comp=Z,140nm,3.3s		Pmax	
GYA	comp=N,200nm,5.5s		LR	
GYA	comp=E,720nm,10.2s		LR	
GYA	comp=Z,870nm,11.0s		LR	
KSRS	Korea Array baz=219,slow=11,SNR=1.7	14.56 21 P	Pn	17 46 52.5 +0.9
KSRS	comp=Z,74nm,19.6s,slow=200,slow=40		LR	
KSRS	0.2nm,0.3s		LR	
HNS	HongShan	14.65 338 P	P	17 46 57.6 -1.4
HNS	comp=Z,12nm,1.0s		Pmax	
HNS	comp=N,530nm,13.5s		LR	
HNS	comp=E,330nm,12.7s		LR	
HNS	comp=Z,580nm,12.7s		LR	
XAN	Xi'an	14.93 315 P	P	17 47 03.8 +1.6
XAN	comp=Z,11nm,0.9s		Pmax	
XAN	comp=N,400nm,9.2s		LR	
XAN	comp=E,530nm,10.8s		LR	
XAN	comp=Z,500nm,10.8s		LR	
DL2	Dalian	14.94 0 P	P	17 47 03.1 +0.9
DL2	comp=Z,10.0nm,1.1s		S	
DL2	comp=N,220nm,11.5s		Pmax	
DL2	comp=E,170nm,12.3s		LR	
DL2	comp=Z,320nm,12.4s		LR	
PZH	PanZhiHua	18.09 282 P	P	17 47 37.6 +0.3
PZH	comp=Z,6.0nm,1.2s		S	
PZH	comp=Z,80nm,6.3s		Pmax	
PZH	comp=Z,290nm,15.5s		Pmax	
PZH	comp=Z,350nm,15.1s		Pmax	
PZH	comp=Z,440nm,14.0s		Pmax	
HHC	Hu-ho-hao-te	18.84 336 eP	P	17 47 44.4 -1.0
HHC	comp=Z,21nm,0.6s		Pmax	
HHC	comp=Z,71nm,5.9s		Pmax	
HHC	comp=Z,270nm,13.0s		LR	
HHC	comp=Z,190nm,12.3s		LR	
HHC	comp=Z,310nm,13.7s		LR	
JCJ	Chichijima	18.91 76 LR	P	17 47 16.6
LZH	Lanzhou	19.50 313 eP	P	17 47 56.1 +2.1
LZH	comp=Z,11nm,21.7s,slow=120,slow=35		S	
LZH	comp=Z,11nm,1.0s		S	
LZH	comp=Z,300nm,15.5s		Smax	

LZH	comp=Z,390nm,17.2s		LR	LR
LZH	comp=Z,550nm,16.5s		LR	LR
CRAI	Chiargai	19.94 264 P	P	17 47 57.3 -0.3
PHRA	Phrae	20.57 259 P	P	17 48 03.0 -1.3
TNCH	TengChong	20.97 278 P	P	17 48 11.6 +0.1
TNCH	comp=Z,10.0nm,1.1s		pP	17 48 14.9 +0.4
TNCH	comp=Z,86nm,4.5s		S	17 51 57.8 -4.2
TNCH	comp=Z,95nm,9.2s		Pmax	Pmax
TNCH	comp=Z,230nm,8.1s		LR	LR
TNCH	comp=Z,350nm,12.6s		LR	LR
CHTO	Chiang Mai	21.63 261 P	P	17 48 15.3 -0.5
CM31	Chiang Mai Arr	21.74 260 P	P	17 48 17.5 +0.5
CMAR	Chiang Mai Arr	21.74 260 P	P	17 48 16.8 -0.2
CMAR	Chiang Mai Arr	21.74 260 P	P	17 48 19.0 +2.0
CMAR	comp=Z,1.5nm,0.9s,slow=62,slow=8.5,SNR=10		LR	LR
CMAR	comp=Z,4.2nm,19.0s,slow=45,slow=37		LR	17 57 09.4
GTA	Gaotai	23.99 315 P	P	17 48 40.9 +0.7
GTA	comp=Z,4.0nm,1.7s		Pmax	Pmax
GTA	comp=Z,130nm,14.5s		LR	LR
GTA	comp=Z,230nm,15.6s		LR	LR
GTA	comp=Z,310nm,15.6s		LR	LR
GUM0	Guam	24.34 111 LR	LR	17 57 23.1
GUM0	comp=Z,30nm,19.5s,slow=64,slow=34		LR	LR
HEH	Heihe	26.68 8 eP	P	17 49 06.5 +2.2
HEH	comp=Z,2.0nm,0.8s		Pmax	Pmax
HEH	comp=Z,75nm,4.4s		Pmax	Pmax
HEH	comp=Z,180nm,14.7s		LR	LR
HEH	comp=Z,140nm,13.2s		LR	LR
HEH	comp=Z,220nm,12.2s		LR	LR
SONM	Songino Array	26.73 337 P	P	17 49 04.4 -0.5
SONM	Songino Array	26.73 337 P	P	17 49 05.2 +0.3
SONM	comp=Z,1.1nm,0.8s,slow=8.3,SNR=7.4		P	
SHL	Shillong	26.95 280 P	Iamb	17 49 07.0 -0.2
SHL	comp=Z,9.2nm,1.1s		Iamb	17

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kavik River, Hadweencric Riv, G24K, G24K, H24K, H24K, MDM, Murphy Dome, RND, Reindeer, ILAR, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARZ, Makarame, PNHZ, Pukenui, BHHZ, Blaken Hill Sta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H03N2, Juan Fernandez, H03N1, Juan Fernandez, ARCES, ARCES Array B, etc.

IDC 01 17:52:22.0.5.3.5:98S.155.03E,h74km,45km,mb3.3/7, mbmp3.8/9,ML1.7/1, Error ellipse: s-maj=33.7km s-min=28.1km az=80.0

ISC 01 17:52:23.7.1.0.6:05S.02.154.9E.0.1,h89km,n12, r=127/10,mb3.2/7,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warrunga Ar, ASAR, Alpha Springs, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:13:06.5.1.4.56:83N.0104.152.45W.0.04,h17km,gkm, n282,r1901/284,mb4.1/17,MS2.9/4,Kodiak Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Old Harbor, Kodiak Island, Sitkinak Island, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

IDC 01 18:05:27.0.2.0.39:205S.178.56E,h0km,mb3.6/2, mbmp3.6/3,ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.3km az=48.0

NOU 01 18:05:28.2.39:14S.178.55E,h0km,MLV4.3/14, Off E. Coast of N. Island, N.Z.

WEL 01 18:05:30.7.0.6.39:3S.17.9E, h33km, M3.8/67, ML4.0/67,MLV3.8/67, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 (confirmed)

ISC 01 18:05:25.9.1.9.39:23S.0104.178.68E.0.07,h6km,11km, n176,r2610/182, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mahia Peninsula, Paritu Road, Kokohu, Carnagh Station, etc.

CHNA	Chernabura Isl	4.50 247	P	Pn	18 14 12.8	-0.9
RC01	Rabbit Creek A	4.50 17	P	Pn	18 14 14.1	+0.3
RC01	comp=E,71nm,1.2s			IAML	18 15 42.6	
K15K	K15K			IAML	18 15 45.4	
RC01	Rabbit Creek A	4.50 17	P	Pn	18 14 13.7	-0.1
CNBA	Chernabura Isl	4.50 246	Pn	Pn	18 14 13.1	-0.7
CNBA	comp=E,55nm,1.3s			IAML	18 15 46.0	
SPNN	North Nagahisa	4.55 359		Pn	18 14 15.0	+0.4
O15K	Ungalikthiuk R	4.57 304		Pn	18 14 14.0	-0.8
O15K	Ungalikthiuk R	4.57 304	P	Pn	18 14 14.0	-0.8
SVW2	Sparrevohn	4.58 341		IAML	18 14 14.5	+0.4
SVW2	comp=E,71nm,1.0s			IAML	18 15 32.3	
STLK	Strandline Lak	4.69 4		Pn	18 14 17.2	+0.6
SUA	Susitna One	4.73 10	Ph	Pn	18 14 16.7	-0.3
SUA	comp=E,113nm,1.5s			IAML	18 15 39.7	
SUA	comp=N,84nm,1.0s			IAML	18 15 49.6	
SUA	Susitna One	4.73 10	P	Pn	18 14 16.9	-0.1
SDPT	Sand Point	4.73 255	Pn	Pn	18 14 16.2	-0.7
SDPT	comp=E,98nm,1.1s			IAML	18 15 58.2	
SDPT	comp=N,88nm,2.1s			IAML	18 16 03.5	
HIN	Hinchinbrook I	4.74 39		Pn	18 14 17.2	+0.1
HIN	comp=N,50nm,1.4s			IAML	18 16 15.7	
GLI	Glacier Island	4.92 32		Pn	18 14 19.4	-0.2
GLI	comp=E,36nm,0.9s			IAML	18 16 04.5	
GLI	comp=N,42nm,0.9s			IAML	18 16 04.9	
GLI	Glacier Island	4.92 32	P	Pn	18 14 19.3	-0.2
N16K	Nishlik Lake	4.92 321	P	Pn	18 14 19.9	+0.3
N16K	Nishlik Lake	4.92 321	P	Pn	18 14 19.9	+0.3
M18K	M18K	4.99 341	Pn	Pn	18 14 20.5	+0.1
M18K	Stony River	4.99 341	P	Pn	18 14 20.5	+0.1
FID	Port Fidalgo	5.01 36		Pn	18 14 20.1	-0.7
KNK	Knik Glacier	5.04 22		IAML	18 14 21.0	-0.2
KNK	comp=E,78nm,1.3s			IAML	18 15 26.0	
KNK	comp=N,56nm,1.3s			IAML	18 16 00.4	
KNK	Knik Glacier	5.04 22	P	Pn	18 14 21.2	+0.1
PMR	Palmer	5.07 18		Pn	18 14 21.1	-0.5
M22K	Willow	5.08 13	Ph	Pn	18 14 21.7	0.0
M19K	Big River Lodg	5.18 350	Pn	Pn	18 14 23.0	-0.2
M19K	comp=E,37nm,1.3s			IAML	18 16 05.0	
M19K	Big River Lodg	5.18 350	P	Pn	18 14 23.1	-0.1
SKT	Skwentna	5.19 5	Ph	Pn	18 14 22.7	-0.5
SKT	comp=E,36nm,1.2s			IAML	18 15 59.2	
SKT	Skwentna	5.19 5	P	Pn	18 14 23.2	-0.1
N15K	N15K	5.22 313	Ph	Pn	18 14 22.4	-1.3
N15K	comp=N,38nm,1.1s			IAML	18 15 59.8	
N15K	Kwethluk River	5.22 313	P	Pn	18 14 23.9	+0.3
KAIM	Kayak Island	5.24 50		IAML	18 14 25.5	+1.5
KAIM	comp=E,58nm,1.0s			IAML	18 15 33.7	
KAIM	Kayak Island	5.24 50	P	Pn	18 14 24.8	+0.9
M17K	Hollina River	5.25 333	Pn	Pn	18 14 23.4	-0.7
M17K	Hollina River	5.25 333	Pn	Pn	18 14 24.4	+0.3
O14K	Tiguykauvet M	5.27 301	Ph	Pn	18 14 24.4	+0.1
O14K	comp=N,31nm,1.3s			IAML	18 16 09.0	
GHO	Glory Hole Cre	5.28 19		Pn	18 14 24.0	-0.5
GHO	comp=N,66nm,1.2s			IAML	18 16 16.9	
PS1A	Pavlot South-1	5.38 259		Pn	18 14 25.3	-0.6
M16K	Timber Creek	5.39 324	Ph	Pn	18 14 25.0	-1.0
M16K	comp=E,38nm,1.2s			IAML	18 15 57.8	
M16K	comp=N,30nm,1.8s			IAML	18 16 12.6	
M16K	Timber Creek	5.39 324	P	Pn	18 14 26.1	+0.2
RAGM	Ragged Mountai	5.41 46		Pn	18 14 27.2	+1.0
SML	Sawmill	5.42 21		Pn	18 14 26.4	0.0
S12K	Black Hills	5.47 262	Ph	Pn	18 14 27.0	-0.1
S12K	Black Hills	5.47 262	P	Pn	18 14 26.3	-0.9
L19K	White Mountain	5.50 348	Ph	Pn	18 14 27.4	-0.3
GOAT	Goat Mountain	5.51 44		Pn	18 14 28.3	+0.6
HMT	Hamilton	5.54 47		Pn	18 14 29.7	+1.6
SUCK	Suckling Hills	5.59 46	Ph	Pn	18 14 30.8	+1.9
NICHA	Nichawak Mount	5.60 49		Pn	18 14 29.6	+0.6
SCM	Sheep Creek Mo	5.66 25		Pn	18 14 29.9	+0.1
SCM	Sheep Creek Mo	5.66 25	P	Pn	18 14 30.5	+0.7
CUT	Chulitna	5.70 10	Ph	Pn	18 14 30.9	+0.6
L20K	Farewell AK	5.71 353		Pn	18 14 30.6	+0.1
L20K	Farewell AK	5.71 353	P	Pn	18 14 30.6	+0.1
KLU	Klutina	5.75 33		Pn	18 14 31.4	+0.3
KLU	Klutina	5.75 33	P	Pn	18 14 31.7	+0.6
BMRM	Bremner River	5.81 41	Ph	Pn	18 14 32.5	+0.7
BMRM	Bremner River	5.81 41	P	Pn	18 14 32.5	+0.7
L18K	Granite Mounta	5.82 340	Ph	Pn	18 14 31.7	-0.1
L18K	Granite Mounta	5.82 340	P	Pn	18 14 32.0	+0.1
GRIN	Grindlie Hills	5.90 50		Pn	18 14 33.5	+0.5
SNH	Sunshine Point	6.05 52	Ph	Pn	18 14 36.9	+1.7
L16K	Owhat River	6.07 327	Ph	Pn	18 14 34.8	-0.5
L16K	Owhat River	6.07 327	P	Pn	18 14 35.0	+0.6
L17K	Donlin	6.09 333	P	Pn	18 14 36.3	+0.6
L17K	Donlin	6.09 333	P	Pn	18 14 36.3	+0.6
M24K	Tolsona, Glenn	6.18 29		Pn	18 14 37.4	+0.5
WAX	Waxell Ridge	6.19 50		Pn	18 14 38.1	+1.1
N25K	Chitina, Valde	6.26 37		Pn	18 14 38.4	+0.4
N25K	Chitina, Valde	6.26 37	P	Pn	18 14 38.8	+0.8
M14K	Bethel	6.31 312	Ph	Pn	18 14 38.5	-0.1
BARK	Barkley Ridge	6.32 51		Pn	18 14 40.1	+1.3
VRDI	Verde Repeater	6.40 43		Pn	18 14 40.5	+0.4
GLB	Gilahina Butte	6.41 40	Ph	Pn	18 14 40.2	+0.2
MESA	MESA	6.45 54		Pn	18 14 42.8	+2.0
PTFK	Putnam Highway	6.48 50		Pn	18 14 41.8	+0.5
K20K	Telida	6.60 354	P	Pn	18 14 42.5	-0.1
K20K	Telida	6.60 354	P	Pn	18 14 43.0	+0.5
K17K	Iditarod	6.60 336	Ph	Pn	18 14 42.7	+0.2
CAS1	Castle Rocks	6.61 1		Pn	18 14 42.5	-0.3
KIAG	Kiagna River	6.65 48		Pn	18 14 44.5	+1.1
MCARA	McCarthy VSAT	6.66 43		Ph	18 14 44.0	+0.5
M13K	Dall Lake	6.73 307	Ph	Pn	18 14 43.9	-0.5
TRF	Thorofore Moun	6.73 8	Ph	Pn	18 14 44.7	+0.2
PTFK	Patty Peak	6.75 46		Ph	18 14 45.0	+0.7
DHY	Denali Highway	6.76 20		Pn	18 14 45.1	-0.1
DHY	Denali Highway	6.76 20	P	Pn	18 14 45.1	+0.2
RND	Kantishna Hill	6.79 6		Pn	18 14 45.4	+0.2
KTH	Reindeer	6.84 14		Pn	18 14 46.3	+0.4
L14K	Kuka Creek	6.94 316	Ph	Pn	18 14 46.9	-0.4
L14K	Kuka Creek	6.94 316	P	Pn	18 14 46.9	-0.4
J18K	Innokko River	6.99 344		Pn	18 14 47.1	-0.8

J18K	Innokko River	6.99 344	P	Pn	18 14 48.0	+0.1
BARN	Barnard Glacie	7.01 48		Pn	18 14 48.7	+0.3
CTGM	Chitina Glacie	7.09 50		Pn	18 14 50.0	+0.5
K15K	Wolf Creek Mou	7.16 324	Ph	Pn	18 14 49.3	-0.5
K15K	Wolf Creek Mou	7.16 324	P	Pn	18 14 49.6	-0.6
LOGN	Logan Glacier	7.16 51		Pn	18 14 50.3	-0.2
BPAW	Bear Paw Mtn.	7.33 5	Ph	Pn	18 14 51.9	-0.7
BPAW	Bear Paw Mtn.	7.33 5	P	Pn	18 14 52.5	-0.1
J19K	Poorman	7.36 349	Ph	Pn	18 14 52.2	-0.8
J19K	Poorman	7.36 349	P	Pn	18 14 53.2	+0.2
M26K	Meltona, AK	7.36 37		Pn	18 14 55.0	+2.0
J17K	YABM Dome	7.37 336		Pn	18 14 53.1	0.0
J20K	Nowinta River	7.42 354		Pn	18 14 54.0	+0.2
J20K	Nowinta River	7.42 354	P	Pn	18 14 53.8	0.0
PNL	Peninsula	7.45 62		Pn	18 14 55.9	+1.6
PNL	Peninsula	7.45 62	P	Pn	18 14 55.9	+1.6
BWN	Browne	7.51 10	Ph	Pn	18 14 55.5	+0.4
MENT	Mentasta	7.53 32	Ph	Pn	18 14 55.8	+0.4
J16K	Arvik River	7.64 331	Ph	Pn	18 14 56.9	+0.6
M27K	McDermott, AK	7.71 40		Ph	18 14 58.5	+0.6
L26K	Log Cabin Wild	7.71 33		Ph	18 14 59.3	+1.4
WRH	Wood River Hill	7.96 14		Pn	18 15 02.1	+1.0
NEA2	Nenana	7.96 11	Ph	Pn	18 15 02.8	+1.6
O29M	Mount Kennedy	8.00 59	Ph	Pn	18 15 03.4	+0.9
K13K	Kuslik Mount	8.05 314	Ph	Pn	18 15 03.1	+0.1
I20K	Naaghedeneel	8.05 357	Ph	Pn	18 15 02.6	+0.1
HDA	Hading Lake	8.07 17		Pn	18 15 02.3	-0.4
J14K	Navaranak Lak	8.15 321	Ph	Pn	18 15 03.0	-0.8
L27K	Beaver Creek	8.21 36	Ph	Pn	18 15 06.3	+1.6
BCAR	Beaver Creek A	8.22 36	Ph	Pn	18 15 07.3	+2.5
P29M	Windy Craggy	8.26 64	Ph	Pn	18 15 05.6	+0.3
P29M	Windy Craggy	8.26 64	P	Pn	18 15 05.9	+0.6
MLY	Manley	8.27 5	Ph	Pn	18 15 05.7	+0.1
SCRK	Sand Creek	8.30 27	Ph	Pn	18 15 06.8	+0.9
MDM	Murphy Dome	8.41 17		Pn	18 15 07.4	+0.4
ILAR	Eielson Array	8.41 17	Ph	Pn	18 15 07.3	-0.2
ILAR	Eielson Array	8.41 17	Ph	Pn	18 15 07.7	+0.2
ILAR	comp=N,0.4nm,0.3s,baz=206,slow=14,SNR=1.4			Sn	18 16 34.3	-7.6
ILAR	comp=N,0.3nm,0.3s,baz=203,slow=23,SNR=3.6			LR	18 16 46.8	
ILAR	comp=N,1.31nm,19.2s,baz=222,slow=41			LR	18 15 07.6	+0.1
IL03	Eielson Array	8.42 17	Ph	Pn	18 15 07.5	-0.8
I23K	Minto, Yukon-K	8.45 40		Ph	18 15 07.8	-0.9
J25K	Salcha River	8.54 21	P	Pn	18 15 09.8	+0.6
J25K	Salcha River	8.54 21	P	Pn	18 15 09.1	-0.1
M28K	Makushin Table	8.59 256		Ph	18 15 09.0	-0.9
POKR	Poker Flat Res	8.65 14		Ph	18 15 10.6	-0.2
MSW	Makushin Switc	8.67 256		Ph	18 15 10.1	-0.9
S31K	Pelican	8.83 76	Ph	Pn	18 15 14.1	+1.0
S31K	Pelican	8.83 76	P	Pn	18 15 14.0	+0.8
J26L	Joseph Creek	8.84 26		Pn	18 15 14.7	+1.4
J26L	Joseph Creek	8.84 26	P	Pn	18 15 13.3	0.0
H21K	Melozitna Rive	8.86 359	Ph	Pn	18 15 13.2	-0.3
H17K	Granite Mounta	8.90 339	Ph	Pn	18 15 14.8	+0.7
H19K	Poundout Mou	8.94 349	Ph	Pn	18 15 17.9	+1.1
M29M	Somme Creek	9.04 46	P	Pn	18 15 17.6	+1.6
M29M	Somme Creek	9.04 46	P	Pn	18 15 16.4	+0.3
H23K	Yukon River	9.13 8	Ph	Pn	18 15 17.1	-0.3
H23K	Yukon River	9.13 8	P	Pn	18 15 17.3	0.0
N30M	Aishikik Lake	9.15 53	Ph	Pn	18 15 17.9	+0.3
N30M	Aishikik Lake	9.15 53	P	Pn	18 15 17.9	+0.3
H24K	Noador Dome	9.30 12		Ph	18 15 19.5	-0.1
PRP	Porcupine Dome	9.33 18	Ph	Pn	18 15 20.4	+0.3
O30N	Mendenthal	9.36 58	Ph	Pn	18 15 21.2	+0.8
L29M	L29M	9.53 43	Ph	Pn	18 15 24.6	+1.8
G18K	Tagagawait	9.56 345	Ph	Pn	18 15 22.7	-0.5
G18K	Bessie Mountain	9.56 345	Ph	Pn	18 15 26.3	+2.5
E15K	Granite Mounta	9.59 349	Ph	Pn	18 15 27.0	0.0
I26K	Coal Creek Min	9.61 24	Ph	Pn	18 15 25.1	+1.3
EGAK	Eagle	9.68 30	Ph	Pn	18 15 26.3	+1.6
S32K	Killinoov	9.74 79	Ph	Pn	18 15 27.8	+2.3
S32K	Killinoov	9.74 79	P	Pn	18 15 26.7	+1.1
N31M	Braeburn, Yuko					

1d 18h

Table with columns: MLOA, MAHA, PAH, MWH, KHU, ALEP, ALFP, POHA, POHA, HUH, HPAH, HPAH, HPAH, MHA. Includes station names, coordinates, and status.

IDC 01 18:31:27.5,0.7,6:61S;155:53E,h0km,mb4.2/16, mbmp4.2/17,ML1.6/1,MS3.1/13,Error ellipse: s-maj=25.2km s-min=15.4km az=110.0, NEIC 01 18:31:40.9,1.2,6:63S;0.09,155:25E:0.08,h85km,7km, mb4.6/109,Error ellipse: s-maj=14.2km s-min=10.3km az=223.0

ISC 01 18:31:35.6,0.3,6:69S;0.06,155:32E:0.06,h50km,n395, o095/367,mb4.6/72,MS3.0/10,1D, Bougainville-Solomon Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like RABL, HNR, PMG, PATS, COEN, LIFUNC, DZM, OUENC, GUMU, FAKI, WR0, WB0, WB2, WRA, MTN, AS31, ASAR, ASAR, ASAR, H11S3, H11S2, H11S1, STKA, STKA, H11N1, H11N3, H11N2, SOE1, BBOO, TOO, MMRI, FORT, KAPI, MBWA, PSAO0, PSAO0, PSAO0, RTZ, LTZ, LTZ, JAGI, JAGI, MORW, YULB, YULB, TPUB, SSSL, KSM, KSM, MJAR, JNU, JNU, MJBS, MJBS, KSR5, ASAJ, NJ2, NJ2, UBPT, USRK, USRK, IPM, IPM, KULM.

2018 JUN

Main station list table with columns: MDJ, MDJ, GSI, KLR, PEAOB, PETK, PETK, PHRA, PHRA, PHRA, CRAI, CM31, CMAR, CMAR, CHTO, CHTO, PZH, PZH, PZH, HHC, HHC, HHC, KIWB, MA2, NIKH, UNV, GTA, ULN, ULN, ULN, SHL, SHL, SPIA, S12K, SDPT, S14K, M11K, O14K, N14K, O15K, BILL, BILL, K13K, K13K, M14K, M14K, L14K, N15K, M15K, O16K, L15K, N16K, J14K, J14K, OHAK, O17K, M16K, K15K, K15K, K15K, L16K, N17K, KDAK, ANM, M17K, N18K, F14K, L17K, L17K, J16K, J16K, G15K, K17K, I17K, M18K, H16K, N19K, J17K, J17K, J17K, F15K, L18K, O20K, M19K, L19K, H17K, H17K, H17K, J18K, J18K, J18K.

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Main station list table with columns: G17K, N20K, L20K, H18K, F17K, SEW, J19K, J19K, K20K, SUA, E17K, C16K, C16K, G18K, G18K, D17K, RC01, F18K, J20K, TIXI, RDOG, H19K, H19K, H19K, E16K, CAST, CAST, CAST, C17K, G19K, G19K, G19K, CHUM, H20K, F19K, F19K, SML, SML, SML, GLI, TRF, TRF, C18K, M23K, BPAW, SCM, E19K, WAT1, B18K, F20K, F20K, H21K, WAT6, KAIM, RND, KLU, KLU, MCK, D19K, C19K, C19K, G21K, MLY, MLY, M24K, DHY, DHY, H22K, E20K, NEA2, A19K, F21K, F21K, N25K, D20K, I23K, HARP, GLB, H23K, H23K, MESA, HDA, F22K, MCAR, E21K, E21K, K24K, POKR.

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
ILAR	baz=237 Eielson Array	82.97	21	P	P		18 43 53.8	-1.2
ILAR	comp=Z,1.8nm,0.8s,baz=254,slow=5.4,SNR=17					LR	19 16 29.1	
G23K	comp=Z,1.8nm,19.4s,baz=250,slow=53					LR		
B20K	Banana Creek	82.97	19	P	P		18 43 54.5	-0.5
B20K	Meade River	82.99	15	P	Iamb	Iamb	18 43 55.3	+0.4
B20K	Meade River	82.99	15	P	P		18 43 54.9	0.0
C21K	Knifefield Rd	83.05	16	P	P		18 43 55.7	+0.4
H24K	Noodor Dome	83.20	20	P	P		18 43 56.7	+0.4
COLD	Coldfoot	83.22	19	P	P		18 43 56.5	+0.2
E22K	Anaktuvuk Pass	83.26	18	P	P		18 43 57.0	+0.5
M26K	Nabesna, AK	83.28	24	P	P		18 43 57.0	+0.3
QSPA	South Pole Qui	83.29	180	P	P		18 43 57.1	+0.2
QSPA	comp=Z,7.0nm,1.4s					Iamb	18 44 31.3	
QSPA	South Pole Qui	83.29	180	P	P		18 43 56.9	+0.1
CTG	Chitina Glacier	83.31	26	P	P		18 43 57.1	0.0
CTGM	Chitina Glacier	83.31	26	Iamb	Iamb		18 43 58.6	
MK31	Makanchi Array	83.39	319	P	P		18 43 57.0	-0.6
MKAR	Makanchi Array	83.39	319	P	P		18 43 56.6	-1.1
MKAR	Makanchi Array	83.39	319	P	P		18 43 57.0	-0.7
B21K	Ikpikpuk River	83.40	16	Iamb	Iamb		18 44 01.1	
B21K	Ikpikpuk River	83.40	16	P	P		18 43 57.5	+0.4
J25K	Salcha River	83.44	22	Iamb	Iamb		18 43 58.3	
J25K	Salcha River	83.44	22	P	P		18 43 57.6	+0.1
D22K	Aiyikyak River	83.46	17	P	P		18 43 57.6	+0.1
SCRK	Sand Creek	83.65	23	P	P		18 43 58.8	+0.1
M27K	Edge Creek, AK	83.72	25	Iamb	Iamb		18 44 01.0	
M27K	Edge Creek, AK	83.72	25	P	P		18 43 59.4	+0.3
O28M	Mount Upton	83.73	26	P	P		18 43 58.5	-0.9
G24K	Hadweenicz Riv	83.81	20	P	P		18 43 59.7	+0.4
G24K	Hadweenicz Riv	83.81	20	P	P		18 43 58.8	-0.5
PRP	Porcupine Dome	83.85	21	P	P		18 43 58.8	-0.9
YUK3	Moose Creek	84.05	25	P	P		18 44 00.7	-0.2
L27K	Seaver Creek	84.06	24	P	P		18 44 01.7	+1.0
J26L	Joseph Creek	84.06	22	P	P		18 44 01.4	+0.7
D23K	Nanusuk River	84.09	17	P	P		18 44 02.1	+1.4
ZALV	Zalesovo Beam	84.11	326	P	P		18 43 59.4	-1.7
ZALV	comp=Z,6.6nm,18.2s,baz=48,slow=38					LR	19 24 46.0	
F24K	Squaw Lake	84.12	19	Iamb	Iamb		18 44 02.9	
F24K	Squaw Lake	84.12	19	P	P		18 44 02.0	+1.1
B22K	Teshhepuk Lake	84.17	15	P	P		18 44 01.1	0.0
B22K	Teshhepuk Lake	84.17	15	Iamb	Iamb		18 44 01.8	
B22K	Teshhepuk Lake	84.17	15	P	P		18 44 01.9	+0.9
A22K	Sinclair Lake	84.20	15	P	P		18 44 01.9	+0.7
TOLK	Toolik Lake Re	84.23	18	P	P		18 44 02.0	+0.5
TOLK	Toolik Lake Re	84.23	18	Iamb	Iamb		18 44 02.6	
TOLK	Toolik Lake Re	84.23	18	P	P		18 44 02.0	+0.5
E24K	Your Creek	84.24	18	P	P		18 44 02.1	+0.5
O29M	Mount Kennedy	84.26	27	P	P		18 44 02.4	+0.5
G25K	Bearman Lake	84.30	20	P	P		18 44 02.5	+0.8
K27K	Chicken	84.41	23	P	P		18 44 03.7	+1.2
S31K	Pelican	84.45	30	P	P		18 44 03.0	+0.3
SIT	Sitka	84.58	31	P	P		18 44 04.6	+1.3
I26K	Coal Creek Min	84.61	22	P	P		18 44 04.3	+0.9
YUK6	Outpost Mounta	84.62	27	P	P		18 44 04.0	+0.2
C23K	Itkillik River	84.63	16	P	Iamb	Iamb	18 44 04.1	+0.7
C23K	Itkillik River	84.63	16	P	P		18 44 05.8	
C23K	Itkillik River	84.63	16	P	P		18 44 04.4	+1.0
YUK4	Talbot Arm	84.66	26	P	P		18 44 04.5	+0.5
D24K	Happy Valley	84.75	17	P	P		18 44 05.1	+1.1
MAW	Mawson	84.80	203	P	P		18 44 04.2	-0.2
F25K	Christian River	84.89	19	P	P		18 44 05.6	+0.7
HYT	Haines Junctio	84.95	27	P	P		18 44 05.6	+0.2
C24K	Franklin Bluff	85.10	17	P	P		18 44 06.7	+1.0
S32K	Killino	85.10	31	P	P		18 44 05.8	-0.2
EGAK	Eagle	85.11	23	Iamb	Iamb		18 44 07.5	
EGAK	Eagle	85.11	23	P	P		18 44 06.9	+1.0
BMAR	Burnt Mountain	85.16	20	P	P		18 44 07.1	+0.9
G26K	Porcupine Riv	85.19	20	P	P		18 44 07.5	+1.3
E25K	Arctic Village	85.19	19	P	P		18 44 06.1	-0.2
M29M	Somme Creek	85.19	25	P	P		18 44 06.8	+0.3
I27K	Kandik River	85.31	22	P	P		18 44 07.9	+0.9
N30M	Aishikik Lake	85.39	26	P	P		18 44 07.5	0.0
F26K	Sheenjek River	85.43	19	P	P		18 44 08.8	+1.2
SKAG	Skagway	85.44	29	P	P		18 44 08.6	+0.9
DAWY	Dawson	85.48	24	P	P		18 44 08.9	+1.0
D25K	Kavik River	85.57	18	P	P		18 44 09.2	+1.0
O30M	Mendenhall	85.57	27	P	P		18 44 09.8	+1.4
L29M	L29M	85.60	25	P	P		18 44 09.4	+0.9
H27K	Steamboat Moun	85.64	21	P	P		18 44 09.6	+1.0
G27K	Doyon Strip	85.86	21	P	P		18 44 10.8	+1.2
I28M	Minto Creek	85.87	22	P	P		18 44 10.7	+0.8
N30M	Minto, Yukon	85.95	25	P	P		18 44 11.4	+1.2
V35K	Ketchikan	85.96	33	P	P		18 44 11.8	+1.5
N31M	Braeburn, Yuko	85.98	27	P	P		18 44 11.4	+1.1
WHY	Whitehorse	86.08	28	P	P		18 44 12.9	+1.9
K29M	Barlow Dome	86.15	24	Iamb	Iamb		18 44 13.9	
K29M	Barlow Dome	86.15	24	P	P		18 44 13.0	+1.8
C26K	Camden Bay	86.32	17	P	P		18 44 12.7	+0.9
I29M	Ogilvie Camp,	86.45	23	P	P		18 44 13.3	+0.7
E27K	Coleen River	86.52	20	P	P		18 44 13.7	+0.8
C27K	Jago River	86.53	18	P	P		18 44 14.1	+1.2
H29M	Whitestone	86.58	22	P	P		18 44 15.3	+1.1
KURB	Kuruvot Arra	86.83	322	P	P		18 44 12.8	-1.9
F28M	Old Crow	86.84	20	Iamb	Iamb		18 44 16.2	
F28M	Old Crow	86.84	20	P	P		18 44 15.4	+1.0
P33M	Teslin, Yukon	86.89	28	P	P		18 44 15.4	+0.5
J30M	Hart River	86.91	24	Iamb	Iamb		18 44 17.1	
J30M	Hart River	86.91	24	P	P		18 44 16.1	+1.1
I30M	Mount Dempster	87.14	23	Iamb	Iamb		18 44 17.5	
I30M	Mount Dempster	87.14	23	P	P		18 44 17.1	+1.0
G29M	Pine Creek	87.19	21	Iamb	Iamb		18 44 17.8	
G29M	Pine Creek	87.19	21	P	P		18 44 16.9	+0.7
D27M	Malcolm River	87.21	19	Iamb	Iamb		18 44 17.2	+0.9
D27M	Malcolm River	87.21	19	P	P		18 44 17.4	+1.2
E28M	Babbage River	87.39	19	Iamb	Iamb		18 44 18.5	
E28M	Babbage River	87.39	19	P	P		18 44 17.6	+0.6
EPYK	Eagle Plains	87.45	22	P	P		18 44 18.3	+0.8
R33M	Jennings River	87.53	29	P	P		18 44 18.4	+0.4
DLBC	Dease Lake	87.71	31	P	P		18 44 19.0	+0.1
E29M	Blower River	87.84	20	P	P		18 44 19.5	+0.3
G30M	tAoh Zraii Nji	87.87	21	P	P		18 44 20.3	+0.8
D28M	Stokes Point	87.96	19	P	P		18 44 20.7	+1.0
H31M	Peel River	88.14	23	P	P		18 44 21.6	+0.8
F30M	Barrier River	88.27	21	P	P		18 44 22.2	+0.9
MMPY	Sheldon Lake,	88.27	26	P	P		18 44 22.3	+0.4
G31M	Satah River	88.57	22	P	P		18 44 23.1	+0.5
G31M	Satah River	88.57	22	P	P		18 44 23.6	+0.9
F31M	Tsigitechic	88.94	21	P	P		18 44 25.0	+0.6
INK	Inuvik	89.32	21	P	P		18 44 26.7	+0.6
PKM	Mcperson Peak	89.58	55	P	P		18 44 28.7	+0.3
SNVC	San Nicolas Is	89.59	57	P	P		18 44 27.4	-0.9
ARNC	Arvin	90.42	55	P	P		18 44 32.0	+1.0
OSI	Osito Audit: C	90.44	55	P	P		18 44 33.2	+1.0
WRGLW	Wireley	91.97	27	P	P		18 44 40.0	+1.4
GSC	Goldstone, Bar	92.08	55	P	P		18 44 40.9	+1.0
MONPZ	Monument Peak	92.12	57	P	P		18 44 41.7	+1.4
PFO	Pinyon Flats O	92.17	57	P	P		18 44 41.7	+1.2
TPFO	Pinon Flats	92.18	57	P	P		18 44 41.7	+1.2
HEC	Hector,Ludlow	92.41	55	P	P		18 44 42.6	+1.1
BELC	Belle Mtn. Jos	92.60	56	P	P		18 44 43.0	+0.6
SWSC	Sam W. Stewart	92.65	57	P	P		18 44 43.9	+1.4
C36M	Paulatuk	92.90	21	P	P		18 44 43.9	+1.1
BC3	Big Chuckawall	93.01	57	P	P		18 44 45.2	+0.9
A36M	Sachs Harbour	93.05	18	P	P		18 44 45.1	+1.7
NEW	Newport	93.31	42	P	P		18 44 46.1	+0.8
IRM	Iron Mountain	93.32	56	P	P		18 44 46.4	+0.8
R11B	Troy Canyon, C	93.39	52	P	P		18 44 47.0	+1.0
GLA	Glamis	93.47	57	P	P		18 44 47.6	+1.2
HLID	Halley	94.75	47	P	P		18 44 54.2	+2.1
214A	Organ Pipe Nat	95.07	59	P	P		18 44 55.4	+1.7
M50	Missoula	95.33	44	P	P		18 44 56.5	+1

1d 20h

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHU Kahuku, POHA Pohakuloa, HUH Hualalai, HPAH Hawaii Prepara, MHA Mahukona.

NOU 01 19:09:09.8, 19:95S:170:27E, h0km, MLV4.2/11, Vanuatu Islands

NEIC 01 19:09:13.9, 2.3, 19:97S:0:08:169:97E:0.9, h10km, 2km, mb4.1/4, Error ellipse: s-maj=17.9km s-min=0.9km az=50.0

ISC 01 19:09:15.8:2.0, 20:00S:0:08:170:0E:0.1, h30km, m21, az=051/27, mb4.3/3, Vanuatu Islands

Main table for 1d 20h section, listing station names, codes, and coordinates for various stations like MARE, LIFOU, DEVILS POINT, etc.

ROM 01 19:15:43.3:0.2, 45:62N:0:01:10:81E:0:01, h10km, ML1.3/8, 1D, Error ellipse: s-maj=1.3km s-min=0.9km az=181.0, Northern Italy

Main table for ROM section, listing station names, codes, and coordinates for stations like ZENB, BALD, MBAL, etc.

VIE 01 19:16:27.8:0.8, 47:36N:11:77E, h12km, m10.6/4, Error ellipse: s-maj=6.1km s-min=4.2km az=68.0, Austria

Main table for VIE section, listing station names, codes, and coordinates for stations like WTTA, WATA, WATA, etc.

NEIC 01 19:53:32.7:0.8, 19:32N:0:01:155:251W:0.004, h5km, 1km, Error ellipse: s-maj=2.8km s-min=2.2km az=201.0

HVO 01 19:53:32.6:0.8, 19:31N:0:01:155:258W:0.005, h7km, 3km, ML2.9/14, ML2.6/40(NEIC), Error ellipse: s-maj=2.0km s-min=0.4km az=166.0, Hawaiian Islands

Main table for HVO section, listing station names, codes, and coordinates for stations like HLP, PUH, BYL, etc.

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Table for JOKA section, listing station names, codes, and coordinates for stations like JOKA, JOKA, KHU, etc.

KRNET 01 20:03:16.0:0.1, 39:87N:75:25E, mb3.3 SOME 01 20:03:18.5, 40:30N:75:17E, h0km NNC 01 20:03:21.7, 1.0, 40:30N:75:18E, h0km, mb3.8, mpv3.4

Error ellipse: s-maj=8.1km s-min=5.7km az=166.0, ISC 01 20:03:16.3:1.0, 40:17N:0:05:75:11E:0.02, h10km, n83, 1164/127, 32C-20D, Kyrgyzstan-Xinjiang border region

Main table for KRNET section, listing station names, codes, and coordinates for stations like SFK, SFK, NRN, etc.

Main table for DGS section, listing station names, codes, and coordinates for stations like DGS, DGS, MTBS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, Vnda Vanda, SHL Shilong, GTA Gaotai, ULN Ulaanbaatar, SONM Songino Array, SEY Seymchan, YAK Yakutsk, BILL Bilibino, M14K Bethel, L14K Kuka Creek, J14K Nanvaranak Lak, K15K Wolf Creek Mou, M16K Timber Creek, K16K Kodiak Island, Q19K Cape Douglas, N19K Kilauea Creek, P19K Oii Pt, QSPA South Pole Qui, QSPA South Pole Qui, CNMP China Poot, J20K Nowina River, RDOG Red Dog Mine, H19K Roundabout Mo, E18K Tulkpahleark C, CAST Castle Rocks, F19K Shalerucki Mo, GLI Glacier Island, C18K Utukok River, E19K Redstone River, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, C19K Lookout Ridge, DHY Denali Highway, ZAAO Zalesovo Array, ZALV Zalesovo Beam, E21K Killik River, ILAR Eielson Array, ILAR Eielson Array, D22K Ayikyak River, J25K Salcha River, M27K Edge Creek, F24K Squaw Lake, KURBB Kurchatov Arra, M29M Somme Creek, AAK Ala-Archa, D25K Kavik River, L29M L29M, I28M Ilmer Creek, INK Inuvik, BVAR Borovoye Array, NVAR Mina Array Bea, PFO Pinyon Flats O, YKA Yellowknife Ar, BDFB Brasilia, TORO Torodi Ar, Bea

ASRS 01 20:48:01.8-0.2, 50°N, 138°E, h10km, MLh3.6/16, Error ellipse: s-maj=2.6km s-min=2.8km az=139.6, confirmed NNC 01 20:48:05.9-2.0, 50.262N-87.70E, h0km, mb3.0, mpv3.2, Error ellipse: s-maj=18.3km s-min=7.5km az=102.0, ISC 01 20:48:04.0-0.8, 50.242N-0.03-87.94E, 0.02, h10km, res, e=181/53, 14C-7D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TASR Elitsova, MALIN Malinovka, MALIN Malinovka, DJO Djoy, VEH Verkhnyaya Baz, CERR Cheremushki, LUZZ Luzhba, VCHU Verkh-Chumysh, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, KZLR Kyzyl, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MAZ Makanchi, MAZ Makanchi, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra

OTT 01 20:52:28.4-0.4, 02.05N-63.68W, h18km, ML2.7/9, 233km southeast from Shelburne, Ns NEIC 01 20:52:18.1-0.8, 41.145N-0.03-63.5W, 0.1, h10km, 2km, ML3.0/14, Error ellipse: s-maj=17.9km s-min=4.7km az=101.0, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAL Halifax, HAL Halifax, GBN Guysborough, GBN Guysborough, GBN Guysborough, EMMW East Machias, EMMW East Machias, EMMW East Machias, WCNB Wards Creek, WCNB Wards Creek, WCNB Wards Creek, LMN Caledonia Moun, LMN Caledonia Moun, LMN Caledonia Moun, ELNB Elgin, New Br, ELNB Elgin, New Br, G65A Princeton, G65A Princeton, G65A Princeton, SVNB Stilesville Qu, MCNA Milan, L64 Middleborough, F64 Sherman, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, BCX Boston College, I63A Otisfield, I63A Otisfield, I63A Otisfield, WES Weston, BATG Bathurst New B, HSNB Heath Steele M, HSNB Heath Steele M, HRV Adam Dzewonski, I62A Tamworth, G62A West of Eustis, I62A Milan, M63A Gates Ferry, UCCT U. Connecticut, K62A Royalston, QU2A Belchertown, E62A Clayton Lake, LBNH Lisbon, LBNH Lisbon, LBNH Lisbon, LBNH Lisbon, HNH Hanover, D62A Allapatt, L61B Northampton, J61A Chester, WSP7 Westport, CT, KSCT Kent School, K LMQ La Malbaie, CPNY Central Park, TRNY Table Rock, Ra, NCB Newcomb, ONDQ Ogdensburg, CNQ Baie Comeau, LDAO Lac Daran, L59A Watton, GBSR BB Station, K57A Scipio Center, M57A Sunshine Farm, L56A Greenwood

VAO 01 20:52:51.4-0.7, 21.92S-68.42W, h102km, 6km, mb4.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 01 20:52:51.2-1.6, 22.04S-0.04-68.64W, h128km, 4km, mb4.2/6, ML4.0(GUC), Error ellipse: s-maj=10.5km s-min=5.3km az=85.0, GUC 01 20:52:52.0-2.0, 22.04S-68.69W, h128km, 4km, ML4.0, ISC 01 20:52:50.7-0.7, 22.06S-0.04-68.63W, 0.05, h128km, 6km, n71, r151/95, 6C-4D, Northern Chile, PATCX Punta Patache, PATCX Punta Patache, PATCX Punta Patache, PATCX Punta Patache, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, HMBC Humberstone, HMBC Humberstone, HMBC Humberstone, HMBC Humberstone, TA02 Hualqui, TA02 Hualqui, PB10 IPOC Station P, GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza, PB11 IPOC Station P, PB11 IPOC Station P, PB14 IPOC Station P, GO02 Mina Guanaco, PB12 IPOC Station P, PB16 IPOC Station P, AP01 Chacalluta, AC01 Pan de Azucar, AC18 Visiviri, AC06 Mina Casimiro, GO03 Copiap, LPAZ La Paz, LPAZ La Paz, AC04 Llanos de Chal, AC05 El Transito, LCO Las Campanas, CO01 Juntas del Tor, CO05 La Serena, CO04 Tolo Observa, CO03 El Pedregal, BBSD Serra de San D, CO06 Fray Jorge, BBRB Robore, Bolivi, CO02 Combarbal, MUR1 Puerto Murthino, PTLB Pontes e Lacer, PTLB Pontes e Lacer, BVDE Bodoquena, MS, HDQ Rio Verde (Bra), PDRE Porto dos Gac, ITAB Concordia, PCMB Pacaembu, TRQA Torquist, TRQA Torquist, SNDE Serra Nova Dou, IPMB Iperameri, GO, NPGA Novo Progresso, MACA Macanapurua-AM, BDFB Brasilia, BDFB Brasilia, ITTB Itaituba, SMTB Santa Maria do, SNAA Sanae, SNAA Sanae, GSPA South Pole Qui, GSPA South Pole Qui, NEIC 01 20:01:04.7-0.8, 19.386N-0.009-155.28W, 0.008, h2km, 5km, ML2.6/42, Error ellipse: s-maj=1.5km s-min=1.0km az=154.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BYL Byron's Ledge, UWE Uwekahuna, HATH Halea'uama'u T, HATH Halea'uama'u T, PUH Puu, RSD Rainshead, RSD Rainshead, RSD Rainshead, HLP Hilina Pali, HLP Hilina Pali, HLP Hilina Pali, KNH Kane Nui o Ham, MLH Mauna Loa, MLH Mauna Loa, STCH Steam Cracks, STCH Steam Cracks

Table with columns: STCH, JOKA, HMH, MLOA, PAH, KHU, POHA, HUH, HPAH. Includes station names, codes, and various numerical data points.

Table with columns: HNS, GSI, SHL, PMG, USRK, WRA, ASAJ, AS31, ASAR, ULN, KLR, SONM, HEH, FORT, BBOO, STKA, MK31, MKAR, PETK, PETK, ZALV, AAK, MA2, KURBB, KURBB, KURK, KK31, KKAR, SEY, BVAR, TIKSI, TIKSI, GEYT, AKTO, ARU, KIRV, KBZ, J17K, K17K, C19K, D19K, E19K, H19K, L19K, N19K, I20K, M19K, J20K, K20K, M20K, H21K, CAST, BPWA, MLY, SLY, SUA, G23K, E24K, NEA2, H24K, D25K, ILAR.

Table with columns: ARCES, I26K, SPITS, SPITS, EIL, FINES, AKASO, INK, HFS, NB2, NOA, NOA, VRAC, MBAR, PPT, VVDA, VVDA, GERES, YKA, DAVOX, DAVOX.

IDC 01 21:02:04.1-0.7, 34°27'N-78°20'E, h0km, mb3.8/16, mbmp3.8/21, ML3.3/5, MS3.7/3, Error ellipse: s-maj=19.5km s-min=13.8km az=47.0

ISC 01 21:02:09.3-0.7, 34°32'N-08°78'E, h35km, n23, 1528/25, mb3.9/14, MS3.5/3, Kashmir-Xizang border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains detailed data for stations like AAK, AAK, AAK, GEYT, BVAR, ZALV, WSAR, AKTO, AKTO, CMAR, SONM, BRTR, FINES, TGy, ARCES, MJAR, HFS, NB2, NOA, EKA, TORD, TORD, WRA, ASAR, YKA.

IDC 01 21:28:17.2-0.7, 12°09'N-122°00'E, h0km, mb4.1/17, mbmp4.1/18, ML4.7/1, MS3.6/39, Error ellipse: s-maj=28.4km s-min=13.1km az=70.0

NEIC 01 21:28:29.1-1.5, 12°32'N-101°12'00'E, h1.35km, 6km, mb4.4/45, Error ellipse: s-maj=19.3km s-min=13.7km az=60.0

ISC 01 21:28:22.0-1.3, 12°22'N-104°12'02'E, h25km, 9km, n102, 1346/82, mb4.4/42, MS3.7/40, 1C-6D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains detailed data for stations like RCP, RCP, MPMH, MPMH, GOP, GOP, LQP, LQP, TGy, TGy, TGy, LLLP, LLLP, TBP, TBP, JOW, UBPT, SLVN, PHRA, CRAI, JNU, CMAR, CMAR, CHTO, LEM, KSAR, KSRS, KSRS.

IDC 01 21:32:22.0-1.4, 19°29'N-01°155'118W, 0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.7km az=320.0

HVO 01 21:32:22.0-1.2, 19°33'N-01°155'118W, 0.004, h6km, 3km, ML3.8/60, ML3.8/46(NEIC), Error ellipse: s-maj=2.2km s-min=0.5km az=176.0, Hawaiian Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains detailed data for stations like STCH, STCH, JUZU, NPOC, KNHH, PUH, PUH, JOKA, JOKA, KKO, KKO, BYL, BYL, RIM, RIM, HATHI, HATHI, SBLHI, UWB, OBL, HLP, HLP, HLP, UWE, UWE, UWE, RSD, PAH, PHO, HLC, HLC, MLH, MLH, HMH, HMH, HMH, HMH, HPO, KHU, KHU, MWH, MWH, MWH, MLOA, MLOA, MLOA, ALEP, POHA, POHA, CPH, HPAH, HPAH, MHA, HHL, HHL, KHLH, CSTR, OKCSW, OKCSW, OKCSW, FNO, OK029, OK029, OK029, X34A, X34A, X34A, WMOK, W35A.

IDC 01 21:36:01.6-1.9, 35°41'N-01°98'07W, 0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.8km az=213.0

TUL 01 21:36:02.2-1.8, 35°38'N-01°98'12W, 0.02, h8km, 5km, ML2.6, mb, Lg2.4/52(NEIC), ML2.5/42(NEIC), Error ellipse: s-maj=2.2km s-min=1.8km az=131.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains detailed data for stations like CSTR, OKCSW, OKCSW, OKCSW, FNO, OK029, OK029, X34A, X34A, X34A, WMOK, W35A.

1d 22h

Table with columns: W35A, comp=E, 120nm, 0.5s, IAML, 21 36 44.6, PIZC Pizarro, Choco 1.19 71 P S Pn, 21 52 17.9 -1.3, OLKF Oulanka, Finla 2.20 237 PG Pb, 22 10 49.0 -0.9, 62

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Table with columns: W35A, comp=E, 120nm, 0.5s, IAML, 21 36 47.1, MALC Bahia Malaga 1.29 116 P S Pn, 21 52 20.1 -0.4, OLKF Oulanka, Finla 2.20 237 PG Pb, 22 10 49.0 -0.9, 62

Table with columns: W35A, comp=E, 120nm, 0.5s, IAML, 21 36 44.6, PIZC Pizarro, Choco 1.19 71 P S Pn, 21 52 17.9 -1.3, OLKF Oulanka, Finla 2.20 237 PG Pb, 22 10 49.0 -0.9, 62

NEIC 01 21:50:43.8±1.4, 19:41N±0.01±155:300W±0.008, h5km, 1km, Error ellipse: s-maj=2.4km s-min=1.9km

HVO 01 21:50:43.1±1.1, 19:404N±0.005±155:290W±0.009, h0km, 6km, ML2.9/42, ML2.8/41(NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=103.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, OBL Observatory Le 0.01 22 Op ISC, 21 50 44.7 +1.2, Pg

NEIC 01 21:50:43.8±1.4, 19:41N±0.01±155:300W±0.008, h5km, 1km, Error ellipse: s-maj=2.4km s-min=1.9km

HVO 01 21:50:43.1±1.1, 19:404N±0.005±155:290W±0.009, h0km, 6km, ML2.9/42, ML2.8/41(NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=103.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, ATAH Atahualpa 11.64 180 LR, 21 59 34.3, NNA Nanuao 16.17 174 LR, 22 03 11.7

NEIC 01 21:50:43.8±1.4, 19:41N±0.01±155:300W±0.008, h5km, 1km, Error ellipse: s-maj=2.4km s-min=1.9km

HVO 01 21:50:43.1±1.1, 19:404N±0.005±155:290W±0.009, h0km, 6km, ML2.9/42, ML2.8/41(NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=103.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, NOR Nord 2.19 293 i P, 22 24 35.0 -2.4, KBS Kingsbay 3.02 121 e P, 22 24 50.9 -1.7, KBS Kingsbay 3.02 121 e S, 22 25 26.8 -5.2

UPA 01 21:51:59.3±1.5, 4:85N±78:59W, h2km±24km, MW4.9, RSCN 01 21:51:59.7±0.4, N1.1±7.9W±, h25km±5km, M3.3, mb4.5, mB5.6, ML3.3, Mw(mB)5.1

IDC 01 21:52:05.6±3.6, 4:57N±78:15W, h77km±31km, mb3.4/7, mbtmp3.8/9, MS3.2/10, Error ellipse: s-maj=27.8km s-min=21.5km az=46.0

ISC 01 21:51:56.6±0.7, 4:58N±0:03:78:50W±0:04, h11km, n57, ±231.80, mb3.8/7, MS3.1/5, South of Panama

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, LVZ Lovozero 0.40 41 PG, 22 10 16.7 -0.3, LVZ Varrio 1.67 277 SG, 22 10 22.0 0.0

HEL 01 22:12:09.3±0.2, 67:60N±33:96E, h0km, ML1.2, Suspected explosion, Baltic States-Belarus-Northwestern Russia

HEL 01 22:12:09.3±0.2, 67:60N±33:96E, h0km, ML1.2, Suspected explosion, Baltic States-Belarus-Northwestern Russia

HEL 01 22:12:09.3±0.2, 67:60N±33:96E, h0km, ML1.2, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, LVZ Lovozero 0.40 41 PG, 22 10 16.7 -0.3, LVZ Varrio 1.67 277 SG, 22 10 22.0 0.0

ISK 01 22:40:58.1, 35:82N±31:22E, h9km, ML2.9/35, NIC 01 22:41:00.5, 35:81N±31:28E, h10km, 31km, ML2.5/8

AFAD 01 22:41:01.0±0.0, 35:93N±31:29E, h36km, ML2.3, GII 01 22:41:06.7±0.7, 35:587N±0:005:31:59E±0:002, h30km, Mw=5.5 confirmed

ISC 01 22:41:01.7±1.2, 35:79N±0:03:31:25E±0:03, h67km±14km, n89, ±157/106, Cyprus region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, AKUM Antalya-Kumluc 0.91 306 Op, 22 41 17.9 -1.0, AKUM Antalya-Kumluc 0.91 306 S, 22 41 34.4 +2.8

ANTB	Antalya	1.21 337	Pn	Pn	22 41 21.2	-1.5
ANTB			Sn	Pn	22 41 37.7	-0.7
ALFC	Alefka	1.27 120	P S	Pn	22 41 23.1	-0.4
ALFC			S	Pn	22 41 40.6	+0.7
ALFC			AML	AML	22 41 47.2	
ALFC	0.5nm,0.2s		AML	AML	22 41 47.4	
KSL	Kestrelorizon	1.40 285	P S	Pn	22 41 24.6	-0.7
KSL			P	Pn	22 41 45.4	+2.4
AKAS	Kas	1.41 289	Pn	Pn	22 41 24.2	-1.3
AKAS			Sn	Pn	22 41 42.9	-0.4
KORT	Korkueli	1.41 329	Pn	Pn	22 41 24.6	-0.9
BOZY	Bozayi-Mersin	1.43 77	Pn	Pn	22 41 25.2	-0.5
BOZY			Sn	Pn	22 41 41.2	+1.2
ELL	Elmalı	1.45 312	Pn	Pn	22 41 25.1	-0.9
ELL			Sn	Pn	22 41 43.7	-0.6
ELL	Elmalı	1.45 312	P S	Pn	22 41 27.8	+1.8
ELL			S	Pn	22 41 47.7	+3.4
NATA	Nata	1.48 133	P S	Pn	22 41 28.6	+2.4
NATA			S	Pn	22 41 48.8	+4.0
NATA	1.4nm,0.7s		AML	AML	22 42 03.0	
NATA	1.3nm,0.7s		AML	AML	22 42 03.5	
AKDN	Akdeniz- Kibrı	1.48 109	Pn	Pn	22 41 26.2	-0.1
HDMB	Hadım	1.50 40	Pn	Pn	22 41 26.3	-1.0
TROD	Troodos	1.56 122	P S	Pn	22 41 27.9	+0.2
TROD			S	Pn	22 41 49.0	+1.9
TROD			AML	AML	22 42 05.2	
TROD	0.2nm,0.5s		AML	AML	22 42 05.2	
SEYD	Seydisehir-KON	1.68 16	Pn	Pn	22 41 28.4	-0.7
BERE	Bereket-Mersin	1.69 70	Pn	Pn	22 41 28.4	-0.8
BERE	Konya, Seydiside	1.71 14	S	Pn	22 41 49.9	-0.3
SEDI			S	Pn	22 41 49.9	-0.3
SEDI			i AML	AML	22 41 52.0	
SEDI	comp=N,140nm,0.5s		i AML	AML	22 42 02.0	
KNIK	Mula-Seydiye	1.72 308	P	Pn	22 41 30.7	+0.7
KNIK			S	Pn	22 41 51.8	+1.1
KNIK			i AML	AML	22 41 52.0	
KNIK	comp=E,31nm,0.3s		i AML	AML	22 42 04.0	
KNIK	comp=N,33nm,0.4s		i AML	AML	22 42 04.0	
APOL	The Sanctuary	1.73 130	P S	Pn	22 41 29.9	+0.3
APOL			S	Pn	22 41 55.0	+4.2
ATHAL	Athalassa	1.86 110	P S	Pn	22 41 29.0	+0.6
ATHAL			S	Pn	22 41 57.7	+3.6
ATHAL			AML	AML	22 42 09.7	
ATHAL	0.3nm,0.5s		AML	AML	22 42 11.3	
TEVE	Tevekalti-Mers	1.89 69	Pn	Pn	22 41 32.1	+0.3
CSS	Mathiatis	1.89 115	P	Pn	22 41 31.4	-0.4
CSS	Mathiatis	1.89 115	P S	Pn	22 41 31.4	-0.4
CSS			S	Pn	22 41 52.3	-2.4
CSS			AML	AML	22 42 10.4	
CSS	0.1nm,0.4s		AML	AML	22 42 14.4	
CSS	0.1nm,0.5s		P	Pn	22 41 30.8	-1.0
CSS	Mathiatis	1.89 115	P	Pn	22 41 31.7	-1.0
AKKI	Akkuyu-Mersin	1.89 70	Pn	Pn	22 41 32.3	+0.5
GULN	MERSIN_Guinar	1.90 77	P S	Pn	22 41 32.3	+0.5
GULN			i AML	AML	22 41 56.0	
GULN	comp=N,59nm,0.4s		S	Pn	22 41 56.7	+1.9
GULN			i AML	AML	22 41 57.0	
AKKU	Akkuyu-Mersin	1.90 78	Pn	Pn	22 41 32.3	+0.4
ASGA	Asgata	1.91 121	P S	Pn	22 41 32.4	+0.2
ASGA			S	Pn	22 41 59.4	+4.1
ASGA			AML	AML	22 42 12.1	
ASGA	0.2nm,0.8s		AML	AML	22 42 13.3	
FETY	Fethiye	1.95 296	Pn	Pn	22 41 31.8	-0.8
AKKI	Cameel-Denizli	1.95 307	Pn	Pn	22 41 31.7	-1.0
KBKE	Karaman, Kazim	1.97 43	P S	Pn	22 41 34.3	+1.3
KBKE			S	Pn	22 41 59.5	+2.8
IKL	Isikli	2.02 77	Pn	Pn	22 41 33.7	+0.1
KARG	Kargicak-Mersi	2.03 78	Pn	Pn	22 41 33.7	0.0
MVOU	Mavrovouni	2.09 111	P S	Pn	22 41 33.8	-0.7
MVOU			S	Pn	22 42 07.2	-2.7
MVOU			AML	AML	22 42 07.2	
MVOU	0.1nm,0.3s		AML	AML	22 42 11.3	
MVOU	0.1nm,0.2s		AML	AML	22 42 11.3	
KEBE	Keben-Mersin	2.10 71	Pn	Pn	22 41 35.2	+0.6
KRMN	Karaman	2.13 49	Pn	Pn	22 41 35.2	+0.1
KMER	Konya-Merem	2.17 24	P S	Pn	22 41 36.5	+0.9
KMER			S	Pn	22 42 03.2	+1.6
APMY	Acipayam-Deniz	2.30 317	Pn	Pn	22 41 37.3	-0.1
KONT	Konya-Tatoy	2.32 22	Pn	Pn	22 41 37.2	+0.2
KONT			P	Pn	22 41 37.0	-0.7
KONT			i AML	AML	22 42 17.0	
KONT	comp=N,19nm,0.7s		i AML	AML	22 42 20.0	
BASM	Basmaki-Afyon	2.33 336	Pn	Pn	22 41 37.4	-0.5
DOGA	KONYA_Doganhis	2.33 8	P S	Pn	22 41 38.0	+0.1
DOGA			S	Pn	22 42 07.1	+1.4
DOGA			i AML	AML	22 42 18.0	
DOGA	comp=N,27nm,0.7s		i AML	AML	22 42 18.0	
DALY	Dalyan (25ma)	2.34 297	Pn	Pn	22 41 37.3	-0.5
EREN	Erenkoy	2.39 95	Pn	Pn	22 41 38.9	+0.4
EREN			P	Pn	22 41 39.0	+0.6
KIZK	Mersin	2.42 73	Pn	Pn	22 41 39.6	+0.4
KIZK	Mersin	2.44 73	P S	Pn	22 41 41.1	+1.9
KIZK			S	Pn	22 42 11.2	+3.2
YVAC	Isparta, Yalva	2.48 360	P S	Pn	22 41 39.8	0.0
YVAC			S	Pn	22 42 09.2	+0.2
YVAC			i AML	AML	22 42 10.0	
YVAC	comp=E,12nm,0.5s		i AML	AML	22 42 22.0	
LADK	Ladik-KONYA	2.56 20	Pn	Pn	22 41 40.8	-0.2
ARG	Arkhangelos	2.57 280	P S	Pn	22 41 40.5	-0.5
ARG			S	Pn	22 41 40.6	-0.4
ARG			S	Pn	22 42 09.3	-1.9
TURN	Turunc	2.62 293	Pn	Pn	22 41 41.5	-0.2
KDHN	Kadinhani	2.81 14	S	Pn	22 41 44.0	-0.4
KDHN			S	Pn	22 42 16.7	-0.5
KDHN			i AML	AML	22 42 27.0	
KDHN	comp=N,7.3nm,0.4s		i AML	AML	22 42 32.0	
SULT	Sultanhani-AKS	3.01 36	Pn	Pn	22 41 47.5	+0.4
DED	Mersin	3.09 67	P S	Pn	22 41 47.5	-0.6
DAT	Dataca	3.12 289	P	Pn	22 41 48.5	0.0
GULE	Gulek	3.20 61	P S	Pn	22 41 52.1	+2.3
GULE			S	Pn	22 42 32.0	+5.7
NAZI	Nazilli-Aydin	3.22 313	Pn	Pn	22 41 48.0	0.0
KARP	Karpathos	3.34 267	Pn	Pn	22 41 51.6	0.0
BODT	Bodrum	3.42 293	Pn	Pn	22 41 52.4	-0.3
AYDB	Zeytinokoy-Aydi	3.45 310	Pn	Pn	22 41 52.6	-0.5
CMIRD	Camardi-Nigde	3.54 57	Pn	Pn	22 41 55.0	+0.7
HNTA	Hanita	4.22 129	P S	Pn	22 42 09.7	-2.4
HNTA			S	Pn	22 42 04.2	+1.2
MMA0B	Mount Meron ar	4.41 128	P S	Pn	22 42 07.4	+1.2
MMA0B			S	Pn	22 42 53.7	-2.6
OFRI	Ofer	4.42 135	P S	Pn	22 42 07.6	+1.3
OFRI			S	Pn	22 42 54.7	-1.9
GEM	Giv'at Ha'Em	4.46 124	S	Pn	22 42 54.9	-2.5
OFRI	Giv'at Ha'Em	4.46 135	S	Pn	22 42 07.9	+1.1
NATI	Neve Ativ	4.48 123	S	Pn	22 42 54.3	-3.5
NATI			S	Pn	22 42 07.5	+0.5
KSHT	Keshet	4.70 125	P S	Pn	22 42 11.7	+1.6
KSHT			S	Pn	22 43 01.9	-1.4
SLTI	Salit	4.74 137	S	Pn	22 43 01.2	-3.0
SLTI			S	Pn	22 42 10.5	-0.1
MMLI	Mount Malkishu	4.81 133	S	Pn	22 43 03.8	-2.3
MMLI			S	Pn	22 42 13.1	+1.5
HMDT	Nahal Hemdat	5.00 134	P	Pn	22 42 15.6	+1.4
HMDT			S	Pn	22 43 09.3	-1.4
DSI	Dead Sea	5.43 140	S	Pn	22 43 11.1	-1.1
KZIT	Kziot	5.50 151	P	Pn	22 43 21.1	-2.7

KZIT	Kziot	5.54 151	P	Pn	22 42 23.1	+1.6
MSBI	Mazada	5.63 141	P	Pn	22 42 23.6	+1.9
PRNI	Paran	6.27 149	P	Pn	22 42 36.9	+2.0
HRI	Mount Harif	6.56 150	P	Pn	22 42 36.9	+1.3
HRI	Elat	6.85 152	P	Pn	22 42 40.9	+3.3
<p>NEIC 01 23:09:47.1-0.7, 19.19N,0.01-155.49W,0.03,h38km,3km, Error ellipse: s-maj=4.4km s-min=1.6km az=105.0 HVO 01 23:09:48.4-1.0, 19.19N,0.02-155.46W,0.03,h35km,2km, ML3.3/57,ML3.5/44(NEIC), Error ellipse: s-maj=5.1km s-min=1.6km az=116.0, Hawaiian Islands</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC
HTC	Hot Caves	0.08 48	Op	ISC	23 13 45.2	-0.3
HPO	Honuapo	0.13 223		Pb	23 13 45.2	-0.2
HPO			Sn	Pn	23 13 44.6	-0.9
KHU	Kahuku	0.16 292		Pb	23 13 49.1	-0.8
KHU			S	Pn	23 13 49.6	
RIM	Rim	0.27 40		Pb	23 13 44.8	-0.6
KKO	Keanakako i	0.28 41		Pb	23 13 45.5	-0.8
UWE	Uwekahuna B	0.28 34		Pn	23 13 45.6	-1.0
UWE	Uwekahuna	0.28 34	IAML	IAML	23 13 00.8	
UWE	comp=N,6um,0.5s		IAML	IAML	23 13 00.8	
OBL	Observatory Le	0.28 36		Pn	23 09 55.2	-1.1
OBL	Byron's Ledge	0.29 40	IAML	IAML	23 10 01.1	
BYL	Uwekahuna B	0.29 36		Pn	23 09 55.2	-1.3
PUH	Pauahi	0.30 51		Pn	23 10 01.7	-1.1
PUH	Pauahi	0.30 51	IAML	IAML	23 10 00.9	
PUH	comp=N,3um,0.6s		IAML	IAML	23 10 02.6	
PUH	comp=E,4um,0.4s		IAML	IAML	23 10 02.6	
SBLHI	Steaming Bluff	0.30 37		Pn	23 09 55.2	-1.3
SBLHI	Halema'uma'u T	0.30 38	IAML	IAML	23 10 00.7	
SBLHI	comp=E,4um,0.5s		IAML	IAML	23 10 01.0	
HATHI	comp=N,3um,0.8s		IAML	IAML	23 10 01.0	
MLH	Mauna Loa	0.31 13		Pn	23 09 55.7	-1.1
MLH	Mauna Loa	0.31 13	IAML	IAML	23 10 01.4	
MLH	comp=N,3um,0.5s		IAML	IAML	23 10 10.3	
MLH	comp=E,2um,0.6s		IAML	IAML	23 10 10.3	
MWH	Moku'aweo	0.33 336		Pn	23 09 55.7	-1.5
MWH	Moku'aweo	0.33 336	S	Pn	23	

Table with columns: STk, Station Name, Az, El, Phase, ID, Time, S, Res. Includes stations like Stephens Creek, Buckleboe, Alice Springs, etc.

HVO 01 23:37:15.1±1.3, 19°40'N, 109°15'28"W, h0km, 5km, ML4.0/9, mb4.7/84(NEIC), ML3.7/45(NEIC), Mw5.4/23(NEIC), Error ellipse: s-maj=13.9km s-min=9.8km az=137.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, S, Res. Includes stations like RIM, KKO, OBL, BYL, UWE, etc.

Main table with columns: STk, Station Name, Az, El, Phase, ID, Time, S, Res. Includes stations like HMH, HMH, HMH, etc.

Table with columns: STk, Station Name, Az, El, Phase, ID, Time, S, Res. Includes stations like WRAK, N15K, SEW, SHEM, etc.

HWUT	IAMB	IAMB	23 45 38.3	SCRK	Sand Creek baz=195,SNR=7.2	45.22	7	P	P	23 45 34.0 +0.2				
DLBC	comp=Z,20nm,1.8s Dease Lake	43.14	19	P	P	23 45 16.4 -0.8	L29M	L29M baz=203	45.25	11	P	P	23 45 34.1 0.0	
DLBC	comp=Z,1um,19.2s,baz=230,slow=3R	43.14	19	LR	LR	23 59 52.1	WRH	Ward River Hill HDA	45.32	4	P	P	23 45 34.3 -0.2	
P17A	Butcher Ranch,	43.14	53	P	P	23 45 16.7 -0.9	HDA	HDA	45.34	5	P	IAMB	IAMB	23 45 34.4 -0.3
M24K	Tolsona, Glenn	43.15	6	P	IAMB	23 45 17.2 0.0	HDA	comp=Z,19nm,1.5s Harding Lake	45.34	5	P	P	23 45 48.2	
M24K	comp=Z,20nm,1.4s Tolsona, Glenn	43.15	6	P	P	23 45 16.4 -0.8	GCSA	Galena City Sc baz=178	45.34	359	P	P	23 45 35.1 +0.7	
YUK6	Outpost Mounta baz=204	43.21	12	P	P	23 45 16.4 -1.6	NEA2	Nenana	45.37	4	P	P	23 45 34.9 -0.1	
SRU	San Rafael Swe	43.22	53	P	P	23 45 17.6 -0.7	NEA2	Nenana	45.37	4	P	P	23 45 35.1 +0.1	
YUK8	Steele Glacier	43.27	11	P	P	23 45 17.5 -0.9	I20K	Naagdeneel baz=171	45.39	0	P	P	23 45 34.5 -0.5	
HYT	Haines Junctio baz=205	43.28	13	P	P	23 45 18.5 +0.2	H16K	Elim	45.47	356	P	P	23 45 35.3 -0.3	
K17K	Iditarod	43.34	358	P	IAMB	23 45 18.5 -0.2	K27K	Chicken baz=198	45.50	8	P	P	23 45 36.1 +0.1	
K17K	comp=Z,34nm,2.0s Iditarod	43.34	358	P	P	23 45 19.1 +0.4	H17K	Granite Mounta baz=174	45.63	357	P	P	23 45 36.6 -0.3	
BSUT	Blindstream Ca	43.40	51	P	P	23 45 20.0 0.0	ANM	Nome	45.66	354	P	P	23 45 36.4 -0.8	
BSUT	comp=Z,19nm,1.7s Missoula	43.41	41	P	P	23 45 18.1 -1.5	ANMO	Albuquerque baz=263	45.68	60	P	P	23 45 36.2 -1.8	
MSO	Missoula	43.41	41	P	P	23 45 18.1 -1.5	ANMO	Albuquerque comp=Z,68nm,18.1s,baz=342,slow=33	45.68	60	LR	LR	00 02 37.4	
WAT6	Susitna Watana baz=190,SNR=9.8	43.47	5	P	P	23 45 19.0 -0.9	J25K	Salcha River, J25K	45.69	6	P	IAMB	IAMB	23 45 37.6 +0.1
PPLA	Purkeypile	43.53	2	P	P	23 45 20.6 +0.2	J25K	comp=Z,12nm,1.1s Salcha River, baz=193,SNR=13	45.69	6	P	P	23 45 37.8 +0.3	
YUK4	Talbot Arm	43.53	12	P	P	23 45 20.9 +0.5	IL31	IL31	45.71	5	P	IAMB	IAMB	23 45 37.0 -0.5
O30N	Mendenhall	43.53	14	P	P	23 45 20.3 0.0	IL31	comp=Z,6.2nm,1.1s Salcha River, baz=191	45.71	5	P	IAMB	IAMB	23 45 54.6
HARP	HAARP	43.55	7	P	P	23 45 20.1 -0.3	ILAR	Eielson Array	45.71	5	P	P	23 45 36.8 -0.8	
P18A	Prenton Nutter	43.55	52	P	IAMB	23 45 20.3 -0.8	ILAR	Eielson Array	45.71	5	P	P	23 45 38.0 +0.4	
P18A	comp=Z,16nm,1.7s Black Pine Rid	43.56	42	P	P	23 45 20.4 -0.6	ILAR	comp=Z,2.7nm,1.0s,baz=190,slow=6.9,SNR=20				LR	LR	00 02 05.1
BPMT	Black Pine Rid	43.56	42	P	P	23 45 20.4 -0.6	MLY	Manley	45.72	3	P	IAMB	IAMB	23 45 37.5 -0.2
YUK3	Moose Creek	43.61	10	P	P	23 45 19.6 -1.5	MLY	comp=Z,17nm,1.5s Manley	45.72	3	P	IAMB	IAMB	23 45 53.3
R33M	Jennings River	43.65	18	P	P	23 45 20.7 -0.6	MLY	comp=Z,17nm,1.5s Manley	45.72	3	P	P	23 45 38.0 +0.3	
WAT1	Susitna Watana baz=189	43.66	4	P	P	23 45 20.7 -0.6	J26L	Joseph Creek	45.77	7	P	IAMB	IAMB	23 45 36.8 -1.4
J14K	Nanvaranak Lak baz=189	43.70	355	P	P	23 45 19.3 -2.3	J26L	comp=Z,7.4nm,1.2s Joseph Creek, baz=196,SNR=7.0	45.77	7	P	P	23 45 42.2	
WHY	Whitehorse	43.71	14	P	P	23 45 18.0 -3.8	J26L	comp=Z,7.4nm,1.2s Joseph Creek, baz=196,SNR=7.0	45.77	7	P	P	23 45 38.4 +0.2	
M26K	Nabesna, AK	43.82	8	P	IAMB	23 45 23.4 +0.8	H18K	Honhosa River	45.79	358	P	P	23 45 36.5 -1.7	
M26K	comp=Z,13nm,1.1s Nabesna, AK	43.82	8	P	P	23 45 21.5 -1.1	H18K	Honhosa River	45.79	358	P	P	23 45 39.0 +0.8	
P33M	Teslin, Yukon	43.83	16	P	P	23 45 22.4 -0.3	MDM	Murphy Dome	45.79	4	P	P	23 45 38.0 -0.3	
M27K	Edge Creek, AK	43.94	9	P	IAMB	23 45 24.4 +0.7	RLMT	Red Lodge	45.80	45	P	P	23 45 37.8 -1.1	
M27K	comp=Z,12nm,1.2s Edge Creek, AK	43.94	9	P	P	23 45 23.1 -0.5	I21K	Tanana	45.82	2	P	P	23 45 39.3 +0.9	
N30M	Aishkik Lake baz=205	43.94	12	P	P	23 45 23.4 -0.2	I23K	Minto, Yukon-K baz=184	45.91	3	P	P	23 45 40.0 +0.9	
K20K	Telida	43.95	1	P	P	23 45 23.3 -0.3	SMCO	Snowmass	45.93	54	P	IAMB	IAMB	23 45 40.3 +0.1
DHY	Denali Highway	43.99	5	P	IAMB	23 45 24.4 +0.3	SMCO	comp=Z,7.6nm,1.1s Snowmass	45.93	10	P	IAMB	IAMB	23 46 09.9
DHY	comp=Z,13nm,1.2s Denali Highway	43.99	5	P	IAMB	23 45 22.7 -1.4	DAWY	Dawson	45.93	10	P	IAMB	IAMB	23 45 39.0 -0.4
J16K	Anvik River	44.02	357	P	IAMB	23 45 23.9 -0.2	DAWY	comp=Z,7.0nm,1.1s Dawson	45.93	10	P	IAMB	IAMB	23 45 43.9
J16K	comp=Z,17nm,1.4s Anvik River	44.02	357	P	P	23 45 23.8 -0.2	G15K	Niukuk	45.95	355	P	P	23 45 39.9 +0.5	
J16K	comp=Z,17nm,1.4s Anvik River	44.02	357	P	P	23 45 23.8 -0.2	G15K	Niukuk	45.95	355	P	P	23 45 40.1 +0.6	
C6ST	Castle Rocks baz=184	44.05	2	P	P	23 45 23.9 -0.5	POKR	Poker Plat Res	46.00	5	P	P	23 45 41.4 +1.5	
J17K	VABM Dome	44.05	358	P	P	23 45 24.9 +0.5	K29M	Barlow Dome baz=204	46.04	11	P	P	23 45 41.6 +1.3	
J17K	VABM Dome	44.05	358	P	P	23 45 24.4 +0.2	H20K	Anotinea Mo baz=180,SNR=7.9	46.08	0	P	P	23 45 41.1 +0.6	
J18K	Innoko River	44.06	359	P	IAMB	23 45 23.7 -0.8	H19K	Roundabout Mou	46.12	359	P	P	23 45 40.8 0.0	
J18K	comp=Z,14nm,1.6s Innoko River	44.06	359	P	P	23 45 24.4 -0.1	H19K	Roundabout Mou	46.12	359	P	P	23 45 40.8 0.0	
P18X	Paxson	44.07	6	P	P	23 45 24.2 -0.4	G16K	Koyuk River	46.22	356	P	P	23 45 42.2 +0.6	
OVMT	Ovando	44.09	41	P	P	23 45 25.7 +0.5	G17K	Kiwalik Mounta baz=173	46.23	357	P	P	23 45 41.8 +0.2	
TPAW	Teton Pass	44.14	47	P	IAMB	23 45 25.1 +0.5	MMPY	Sheldon Lake, baz=212	46.27	15	P	P	23 45 42.8 +0.6	
TPAW	comp=Z,17nm,1.4s Red Top Meadow	44.16	47	P	IAMB	23 45 26.6 +1.1	H21K	Melozitna Rive	46.28	1	P	IAMB	IAMB	23 45 42.0 0.0
TRF	Thorofore Moun	44.16	3	P	IAMB	23 45 25.1 -0.4	H21K	comp=Z,9.7nm,1.8s Melozitna Rive	46.28	1	P	P	23 45 57.0	
TRF	comp=Z,18nm,1.3s Thorofore Moun	44.16	3	P	P	23 45 25.7 +0.5	H21K	comp=Z,9.7nm,1.8s Melozitna Rive	46.28	1	P	P	23 45 42.4 +0.4	
KTH	Kantishna Hill baz=187	44.23	3	P	P	23 45 25.9 0.0	RWWY	Rawlins	46.29	50	P	P	23 45 41.8 -1.0	
N31M	Braeburn, Yuko	44.24	13	P	IAMB	23 45 25.1 -0.9	MNTX	Cornudas Mount baz=267	46.31	64	P	P	23 45 42.3 -0.5	
N31M	comp=Z,10nm,1.2s Braeburn, Yuko	44.24	13	P	P	23 45 25.6 +1.1	EGAK	Eagle	46.34	8	P	IAMB	IAMB	23 45 42.8 +0.2
N31M	comp=Z,10nm,1.2s Braeburn, Yuko	44.24	13	P	P	23 45 25.8 -0.2	EGAK	comp=Z,11nm,1.1s Eagle	46.34	8	P	P	23 45 47.4	
IMW	Indian Meadow	44.28	46	P	P	23 45 26.2 -0.6	EGAK	Eagle	46.34	8	P	P	23 45 43.3 +0.8	
RDMU	Red Mountain	44.29	51	P	P	23 45 27.1 +0.2	KOTAN	Kotanelee Air baz=22	46.40	21	P	P	23 45 43.4 +0.4	
121A	Cookes Peak, D baz=265	44.33	63	P	P	23 45 26.9 -0.4	J29N	Klondike Camp baz=202	46.48	10	P	P	23 45 45.6 +1.8	
MOOW	Moose Ponds	44.36	47	P	P	23 45 26.8 -0.6	EGMT	Eagleton baz=248	46.49	41	P	P	23 45 46.0 +1.9	
L26K	Log Cabin Wild	44.37	8	P	P	23 45 27.0 0.0	G18K	Tagagawik	46.54	358	P	P	23 45 43.8 -0.3	
L26K	Log Cabin Wild	44.37	8	P	P	23 45 26.9 -0.1	G18K	Tagagawik	46.54	358	P	P	23 45 42.6 -1.5	
MVCO	Mesa Verde baz=196	44.38	56	P	P	23 45 26.2 -1.5	H22K	Ishatlina Cre	46.56	2	P	P	23 45 43.2 -1.0	
BOZ	Bozeman (W)	44.40	44	P	P	23 45 26.6 -1.1	PRP	Porcupine Dome	46.56	6	P	IAMB	IAMB	23 45 43.1 -0.3
BOZ	Bozeman (W)	44.40	44	P	P	23 45 26.5 -1.2	PRP	comp=Z,9.0nm,1.2s Porcupine Dome	46.56	6	P	P	23 45 43.7 -0.8	
CHUM	Lake Minchumin baz=187	44.51	2	P	P	23 45 27.3 -0.7	H23K	Yukon River	46.57	3	P	P	23 45 44.7 +0.4	
MCK	McKinley	44.52	4	P	P	23 45 27.2 -1.0	H23K	Yukon River	46.57	3	P	P	23 45 44.5 +0.1	
N32M	Quiet Lake	44.57	15	P	IAMB	23 45 29.0 +0.4	I26K	Coal Creek Min	46.60	7	P	P	23 45 44.5 -0.1	
N32M	comp=Z,14nm,1.2s Quiet Lake	44.57	15	P	P	23 45 28.6 0.0	I26K	Coal Creek Min	46.60	7	P	P	23 45 44.4 -0.1	
M29M	Somme Creek	44.58	11	P	P	23 45 29.2 +0.5	VHRN	Van Horn	46.61	66	P	IAMB	IAMB	23 45 43.3 -2.1
M29M	Somme Creek	44.58	11	P	P	23 45 28.9 +0.2	VHRN	comp=Z,8.1nm,1.1s Van Horn	46.61	66	P	IAMB	IAMB	23 45 50.5
J19K	Poorman	44.58	360	P	P	23 45 29.1 +0.5	F14K	Arctic Creek baz=166	46.64	354	P	P	23 45 44.6 -0.3	
J19K	Poorman	44.58	360	P	P	23 45 28.1 -0.5	H24K	Noodor Dome	46.68	4	P	P	23 45 44.2 -1.1	
L27K	Beaver Creek,	44.61	9	P	IAMB	23 45 29.7 +0.7	H24K	Noodor Dome	46.68	4	P	P	23 45 44.4 -0.9	
L27K	comp=Z,21nm,1.9s Beaver Creek, baz=198,SNR=6.1	44.61	9	P	P	23 45 29.0 +0.1	F15K	North Star Dit baz=168	46.71	355	P	P	23 45 45.1 -0.3	
I17K	Unalakleet baz=173	44.62	357	P	P	23 45 28.0 -0.9	G19K	Purcell Mounta baz=178	46.75	359	P	P	23 45 45.4 -0.3	
BCAR	Beaver Creek A	44.62	9	P	P	23 45 29.6 +0.6	SDCO	Great Sand Dun	46.82	56	P	P	23 45 46.0 -1.2	
J20K	Nowinta River baz=182	44.77	1	P	P	23 45 29.6 -0.5	SDCO	Great Sand Dun	46.82	56	P	P	23 45 45.9 -1.2	
BPAW	Bear Paw Mtn.	44.78	3	P	IAMB	23 45 30.5 +0.3	TNA	Tin City baz=164	46.90	353	P	P	23 45 47.1 +0.2	
BPAW	comp=Z,21nm,1.6s Bear Paw Mtn.	44.78	3	P	P	23 45 29.7 -0.6	J30M</							

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution. Includes stations like Wufeng Townshi, Nanjuang, Nioudou, Emei, etc.

IDC 02 00:32:56.4,44.0, 15.91S:173.65W,h0km,mb4.5/3, mbtmp4.5/3, Error ellipse: s-maj=852.9km s-min=171.8km, Error ellipse: s-maj=79.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

JMA 02 00:42:32.8,0.4,22°N,124°4E, h216km, IOTO ISLANDS REGION NEIC 02 00:42:32.7,1.6,21.89N:0.04:143°5E:0.1, h205km,9km, mb4.4/145, Error ellipse: s-maj=18.7km s-min=4.3km

IDC 02 00:42:33.1,1.7,21°70N:143°52E, h229km,15km, mb3.8/22, mbtmp4.4/27, Error ellipse: s-maj=12.5km s-min=10.7km,az=83.0

ISC 02 00:42:31.0,0.4,21.80N:0.05:143°57E:0.07,h200km, n476,09/97/439,mb4.3/99,Mariana Islands region

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution. Lists numerous stations including JHH2, CBIJ, BS01, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution. Lists numerous stations including ATKA Atka Island, KULM Kulim, ASAR Alice Springs, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Resolution, Elevation Resolution. Lists numerous stations including L18K Granite Mounta, O18K Koktuk Hills, M18K Stony River, etc.

G22K	Bettles	60.36	24	P	P	00 52 18.8 +0.3	G26K	Porcupine River	63.35	25	P	P	00 52 39.3 +0.8	baz=279	TOAD	Toad River Com	72.22	33	P	P	00 53 34.7 +0.6
A22K	Sinclair Lake	60.38	19	P	P	00 52 19.3 +0.6	C26K	Camden Bay	63.37	21	P	P	00 52 39.9 +1.4	baz=283	KOTAN	Kotaneleele Air	72.52	32	P	P	00 53 36.8 +1.0
GHO	Glory Hole Cre	60.41	30	I	Amb	00 52 19.5	I26K	Coal Creek Min	63.42	27	P	P	00 52 39.3 +0.3	baz=285	GEYT	Alibek	73.48	305	P	P	00 53 41.7 -0.2
D22K	Aiyikyak River	60.46	22	P	P	00 52 20.5 +1.3	C27K	Jago River	63.74	22	P	P	00 52 41.8 +0.7	comp=Z,2.6nm,0.8s	YKA	Yellowknife	76.20	28	P	P	00 53 56.8 -0.1
D22K	Aiyikyak River	60.46	22	P	P	00 52 20.2 +0.9	M27K	Edge Creek, AK	63.77	30	P	P	00 52 41.7 +0.2	comp=Z,2.6nm,0.7s	ARCES	ARCESS Array B	78.94	342	P	P	00 54 11.4 -0.6
E22K	Anaktuvuk Pass	60.56	23	I	Amb	00 52 21.9	M27K	Edge Creek, AK	63.77	30	P	P	00 52 42.0 +0.4	comp=Z,2.8nm,0.7s	NEW	Newport	79.97	42	P	P	00 54 18.4 +0.4
E22K	Anaktuvuk Pass	60.56	23	I	Amb	00 52 20.9 +0.9	K27K	Chicken	63.78	28	P	I	00 52 42.5 +1.1	comp=Z,2.8nm,0.7s	KBZ	Knabaz	82.55	314	P	P	00 54 31.2 -0.4
KNK	Knik Glacier	60.57	31	I	Amb	00 52 20.8	K27K	Chicken	63.78	28	P	I	00 52 42.8	comp=Z,3.8nm,0.8s	NVAR	Mina Array Bea	82.80	52	P	P	00 54 33.5 +0.2
KNK	Knik Glacier	60.57	31	P	P	00 52 19.7 -0.5	BARN	Barnard Glacie	63.81	32	P	P	00 52 42.4 +0.5	comp=Z,2.8nm,0.8s	FINES	FINESSE Array B	83.24	335	P	P	00 54 33.3 -1.5
B22K	Teshhepuk Lake	60.65	20	I	Amb	00 52 21.9	L27K	Beaver Creek,	63.83	29	P	P	00 52 41.9 +0.2	comp=Z,1.2nm,0.4s	HLID	Halley	83.52	46	P	P	00 54 36.8 0.0
B22K	Teshhepuk Lake	60.65	20	P	P	00 52 20.9 +0.4	L27K	Beaver Creek,	63.83	29	P	P	00 52 42.1 +0.3	comp=Z,2.8nm,0.7s	ARVC	Arvin	83.64	55	P	P	00 54 37.7 +0.3
SML	Sawmill	60.69	30	I	Amb	00 52 21.0	BCAR	Beaver Creek A	63.85	29	P	P	00 52 42.2 +0.3	comp=Z,2.8nm,0.7s	CWC	Cottonwood Cre	83.72	53	P	P	00 54 38.4 +0.4
SML	Sawmill	60.69	30	P	P	00 52 21.0 0.0	CTG	China Glacier	63.96	32	P	P	00 52 43.5 +0.7	comp=Z,2.8nm,0.7s	GRAC	Grapevine Rang	84.03	53	P	P	00 54 40.0 +0.6
MCK	McKinley	60.73	28	P	P	00 52 20.8 -0.4	CTGM	China Glacie	63.97	32	P	I	00 52 44.0 +1.1	comp=Z,1.2nm,0.4s	MPMC	Manual Prospec	84.30	54	P	P	00 54 40.8 -0.2
WAT1	Susitna Watana	60.75	29	P	P	00 52 21.2 -0.2	CTGM	China Glacie	63.97	32	P	I	00 52 45.2	comp=Z,1.2nm,0.4s	LPMC	Laurel Mtn Rad	84.38	54	P	P	00 54 40.8 -0.4
I23K	Minto, Yukon-K	60.81	26	I	Amb	00 52 23.6	I27K	Kandik River	64.09	26	P	P	00 52 44.2 +0.8	comp=Z,2.8nm,0.7s	BOZ	Bozeman (W)	84.48	43	P	P	00 54 41.4 -0.2
I23K	Minto, Yukon-K	60.81	26	P	P	00 52 22.4 +0.7	G27K	Dot Strip	64.17	25	P	P	00 52 44.8 +0.8	comp=Z,2.8nm,0.7s	EGMT	Edgleton	84.57	40	P	P	00 54 42.1 +0.2
NEA2	Nenana	60.83	27	P	P	00 52 22.2 +0.3	G27K	Doyon Strip	64.17	25	P	P	00 52 44.8 +0.8	comp=Z,2.8nm,0.7s	FURC	Furnace Creek,	84.61	53	P	P	00 54 42.8 +0.6
NEA2	Nenana	60.83	27	P	P	00 52 22.2 +0.3	H27K	Steamboat Moun	64.17	26	P	P	00 52 44.7 +0.7	comp=Z,2.8nm,0.7s	R11B	Troy Canyon, C	84.80	51	P	P	00 54 43.8 +0.4
G23K	Bananza Creek	60.88	25	I	Amb	00 52 24.2	EGAK	Eagle	64.23	27	P	P	00 52 44.8 +0.5	comp=Z,2.8nm,0.7s	BFSO	Mount Baldy Ra	84.88	55	P	P	00 54 44.3 +0.5
G23K	Bananza Creek	60.88	25	P	P	00 52 22.8 +0.6	E27K	Coleen River	64.32	24	P	P	00 52 45.3 +0.4	comp=Z,2.8nm,0.7s	GSC	Goldstone, Bar	85.11	54	P	P	00 54 45.3 +0.4
H23K	Yukon River	60.88	26	I	Amb	00 52 24.0	YUK3	Moose Creek	64.41	31	P	P	00 52 46.0 +0.2	comp=Z,2.8nm,0.7s	RRX	Edison Barstow	85.13	54	P	P	00 54 45.2 +0.3
H23K	Yukon River	60.88	26	P	P	00 52 22.9 +0.8	O28M	Mount Upton	64.52	32	P	P	00 52 47.0 +0.4	comp=Z,2.8nm,0.7s	SHOC	Shoshone, Teco	85.27	53	P	P	00 54 46.2 +0.6
COLD	Coldfoot	60.93	24	P	P	00 52 23.0 +0.6	D27M	Malcolm River	64.65	22	I	Amb	00 52 48.8	comp=Z,2.7nm,0.7s	HEC	Hector, Ludlow	85.65	54	P	P	00 54 47.4 -0.2
M23K	Glacier View	60.97	30	P	P	00 52 23.6 +0.8	D27M	Malcolm River	64.65	22	P	P	00 52 47.9 +0.9	comp=Z,2.7nm,0.7s	H17A	Grant Village	85.68	44	P	P	00 54 47.7 0.0
WAT6	Susitna Watana	61.08	30	P	P	00 52 23.2 -0.6	YUK8	Steele Glacier	64.73	31	P	P	00 52 48.7 +0.7	comp=Z,2.7nm,0.7s	TUQ	Turquoise Moun	85.72	54	P	P	00 54 48.4 +0.4
GLI	Glacier Island	61.16	32	P	P	00 52 24.3 +0.2	I28M	Miner Creek	64.78	27	P	I	00 52 48.6 +0.6	comp=Z,2.7nm,0.7s	DUG	Dugway, Tooele	86.00	48	P	P	00 54 48.8 -0.4
GLI	Glacier Island	61.16	32	I	Amb	00 52 24.4	I28M	Miner Creek	64.78	27	P	I	00 52 48.8	comp=Z,2.7nm,0.7s	PFO	Pinon Flats O	86.04	55	P	P	00 54 49.3 -0.2
GLI	Glacier Island	61.16	32	P	P	00 52 24.1 0.0	F28M	Old Crow	64.93	24	I	Amb	00 52 50.6	comp=Z,2.7nm,0.7s	TPFO	Pinon Flats	86.04	55	P	P	00 54 49.1 -0.5
SCM	Sheep Creek Mo	61.16	30	I	Amb	00 52 25.2	F28M	Old Crow	64.93	24	P	P	00 52 49.5 +0.7	comp=Z,2.7nm,0.7s	GMRC	Granite Mounta	86.18	54	P	P	00 54 50.5 +0.3
SCM	Sheep Creek Mo	61.16	30	P	P	00 52 24.7 +0.5	DAWY	Dawson	64.96	28	P	P	00 52 49.4 +0.3	comp=Z,2.7nm,0.7s	RLMT	Red Lodge	86.18	43	P	P	00 54 50.1 0.0
D23K	Namushuk River	61.18	22	P	P	00 52 24.4 +0.3	E28M	Babbage River	65.12	23	P	P	00 52 51.0 +1.0	comp=Z,2.7nm,0.7s	BELC	Belle Mtn. Jos	86.23	55	P	P	00 54 50.8 +0.3
WRH	Wood River Hill	61.23	27	P	P	00 52 24.4 0.0	YUK4	Talbot Arm	65.28	31	P	P	00 52 52.4 +1.0	comp=Z,2.7nm,0.7s	MONP2	Monument Peak	86.35	56	P	P	00 54 50.6 -0.6
MDM	Murphy Dome	61.25	27	P	P	00 52 25.6 +0.9	O29M	Mount Kennedy	65.32	32	P	P	00 52 52.3 +0.7	comp=Z,2.7nm,0.7s	IKP	In-Ko-Pa, Jac	86.69	56	P	P	00 54 52.2 -0.5
DHY	Denali Highway	61.32	29	P	P	00 52 25.5 +0.2	M29M	Somme Creek	65.36	30	I	Amb	00 52 53.6	comp=Z,2.7nm,0.7s	BC3	Big Chuckwall	86.79	55	P	P	00 54 52.7 -0.5
DHY	Denali Highway	61.32	29	P	P	00 52 25.7 +0.4	M29M	Somme Creek	65.36	30	P	P	00 52 52.3 +0.6	comp=Z,2.7nm,0.7s	SWSC	Sam W. Steward	86.81	56	P	P	00 54 53.3 +0.2
E23K	Chandler	61.34	23	P	P	00 52 26.3 +1.0	YUK6	Outpost Mounta	65.42	32	P	P	00 52 52.9 +0.5	comp=Z,2.7nm,0.7s	IRM	Iron Mountain	86.82	55	P	P	00 54 53.1 -0.1
CCB	Clear Creek Bu	61.38	27	P	P	00 52 24.9 -0.6	D28M	Stokes Point	65.45	22	P	P	00 52 53.2 +1.1	comp=Z,2.7nm,0.7s	PDAR	Pinedale Array	87.07	45	P	P	00 54 54.4 -0.1
HIN	Hinchinbrook I	61.39	32	P	P	00 52 26.0 +0.3	H29M	Whitestone	65.45	26	I	Amb	00 52 53.7	comp=Z,2.7nm,0.7s	GLA	Glamis	87.51	55	P	P	00 54 56.7 +0.2
C23K	Ikilik River	61.42	21	P	P	00 52 26.3 +0.6	H29M	Whitestone	65.45	26	P	P	00 52 53.2 +1.0	comp=Z,2.7nm,0.7s	PDMO	Par Dam, Lak	87.52	54	P	P	00 54 56.9 +0.5
FID	Port Fidalgo	61.44	32	P	I	00 52 25.8 -0.2	I29M	Ogilvie Camp,	65.46	27	P	P	00 52 53.0 +0.8	comp=Z,2.7nm,0.7s	AKASG	Malin Array Be	87.63	325	P	P	00 54 54.1 -2.5
FID	Port Fidalgo	61.44	32	I	Amb	00 52 26.7	L29M	L29M	65.51	29	I	Amb	00 52 54.6	comp=Z,2.7nm,0.7s	HFS	Hagfors	88.77	337	P	P	00 54 59.3 -2.5
TOLK	Toolik Lake Re	61.49	23	P	P	00 52 27.5 +1.2	L29M	L29M	65.51	29	P	P	00 52 54.6	comp=Z,2.7nm,0.7s	NOA	NOARSAR Array B	88.98	339	P	P	00 55 01.8 -1.0
H24K	Noodor Dome	61.55	26	P	P	00 52 27.8 +1.1	G29M	Pine Creek	65.51	29	P	P	00 52 53.5 +0.9	comp=Z,2.7nm,0.7s	WUAZ	Wupatki	89.05	52	P	P	00 55 03.8 -0.2
P20K	Poker Plat Res	61.61	27	P	P	00 52 27.4 +0.3	G29M	Pine Creek	65.51	29	P	P	00 52 53.5 +0.9	comp=Z,2.7nm,0.7s	214A	Organ Pipe Nat	89.52	56	P	P	00 55 05.5 -0.5
HDA	Harding Lake	61.70	28	I	Amb	00 52 27.5	G29M	Pine Creek	65.51	29	P	P	00 52 54.2 +1.0	comp=Z,2.7nm,0.7s	RSSD	Black Hills	89.94	42	P	P	00 55 07.4 -0.6
HDA	Harding Lake	61.70	28	P	P	00 52 27.6 -0.1	G29M	Pine Creek	65.51	29	P	P	00 52 54.2 +1.0	comp=Z,2.7nm,0.7s	N23A	Red Feather La	90.33	45	P	P	00 55 10.0 +0.1
M24K	Tolsona, Glenn	61.74	30	P	P	00 52 28.8 +0.7	E29M	Blow River	65.71	23	P	P	00 52 54.4 +0.6	comp=Z,2.7nm,0.7s	TUC	Tucson	90.91	55	P	P	00 55 12.9 +0.4
E24K	Your Creek	61.76	23	I	Amb	00 52 30.0	P29M	Windy Craggy	65.76	33	I	Amb	00 52 55.9	comp=Z,2.7nm,0.7s	ISCO	Idaho Springs	91.09	46	P	P	00 55 13.4 -0.1
E24K	Your Creek	61.76	23	P	P	00 52 28.8 +0.7	P29M	Windy Craggy	65.76	33	P	P	00 52 55.9 +0.7	comp=Z,2.7nm,0.7s	ANMO	Albuquerque	92.88	51	P	P	00 55 21.3 -0.4
EYAK	Cordova Ski Ar	61.78	32	P	P	00 52 28.5 +0.3	K29M	Barlow Dome	65.78	28	P	P	00 52 55.5 +1.0	comp=Z,2.7nm,0.7s	EYMN	Ely	94.85	34	P	P	00 55 29.6 -0.6
IL31	comp=Z,5.0nm,0.8s	61.78	27	I	Amb	00 52 28.0	HYT	Haines Junctio	65.84	32	P	P	00 52 55.5 +0.6	comp=Z,2.7nm,0.7s	WHTX	Lake Whitney,	100.83	49	P	Pdf	00 55 56.4 -1.0
ILAR	Elison Array	61.78	27	P	P	00 52 26.9 -1.3	HYT	Haines Junctio	65.84	32	P	P	00 52 55.1 +0.2	comp=Z,2.7nm,0.7s	HDIL	Hopedale	100.86	38	P	Pdf	00 55 56.2 -1.2
ILAR	Elison Array	61.78	27	P	P	00 52 27.1 -1.1	N30M	Aishikik Lake	66.02	31	P	P	00 52 56.7 +0.7	comp=Z,2.7nm,0.7s	CCM	Cathedral Cave	101.31	41	P	Pdf	00 55 59.0 -0.4
KLU	Klutina	61.79	31	I	Amb	00 52 29.5	EPYK	Eagle Plains	66.12	26	I	Amb	00 52 57.9	comp=Z,2.7nm,0.7s	833A	Chaparral WMA,	101.43	53	P	Pdf	00 55 60.0 -0.2
KLU	Klutina	61.79	31	P	P	00 52 28.5 +0.1	EPYK	Eagle Plains	66.12	26	P	P	00 52 57.1 +0.6	comp=Z,2.7nm,0.7s	MIAR	Mount Ida	101.99	45	P	Pdf	00 56 02.3 -0.2
F24K	Squaw Lake	61.87	24	I	Amb	00 52 30.9	M30M	Minto, Yukon	66.13	30	P	P	00 52 57.2 +0.5	comp=Z,2.7nm,0.7s	SFIN	Lafayette	102.22	37	P	Pdf	00 56 03.1 -0.3
F24K	Squaw Lake	61.87	24	P	P	00 52 29.2 +0.4	P30M	Millin Dollar	66.13	33	P	P	00 52 57.5 +0.8	comp=Z,2.7nm,0.7s	O48B	Farmland	103.39	36	P	Pdf	00 56 08.1 -0.5
G24K	Hadweencic Riv	61.87	25	I	Amb	00 52 34.3	I30M	Mount Dempster	66.27	27	P	P	00 52 57.6 +0.1	comp=Z,2.7nm,0.7s	P49A	Miami Univ. Ec	104.13	37	P	Pdf	00 56 11.1 -0.8
G24K</																					

JMA 02 00:44:11.1±0.0,35.4N:02:133.9E:0.1, h4km, 1km, MV0.4/15, EASTERN TOTTORI PREF, Western Honshu

ISC 02 01:00:37.3±7.5, 3.98N:76.74W, h87km, 74km, mb3.3/1, mbtmp3.7/2, ML2.4/1, Error ellipse: s-maj=79.9km s-min=42.9km az=29.0

RSNC 02 01:00:37.7±0.0, 7°N:1°7'3W, h142km, 3km, M2.8, mb5.6, ML2.8, Mw(mb)5.1

ISC 02 01:00:36.0±1.0, 6.89N:03:73.1W:0.04, h149km, 6km, n52, c1543/59, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

ASAR Alice Springs 149.16 234 PKP PKPdf 01 20 02.5 -1.0

WRA Warramunga Arr 150.36 241 PKPbc PKPdf 01 20 07.3 +1.8

NEIC 02 01:03:44.6±0.7, 19.21N:02:03:155.46W:0.02, h42km, 3km, Error ellipse: s-maj=4.5km s-min=2.8km az=154.0

HVO 02 01:03:46.0±0.7, 19.19N:02:155.46W:0.02, h35km, 1km, ML2.4/33, ML2.5/46(NEIC), Error ellipse: s-maj=3.7km s-min=2.3km az=145.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

Table with columns: STCH, Steam Cracks, ALEP, Alea Permanent, HUH, Humu Uta Sheep, HMH, HMH, HMH, HMH

ROM 02 01:16:34.2±0.3, 39.574N:010:16:55E:0.01, h28km, 2km, ML1.2/12, 2C, Error ellipse: s-maj=1.0km s-min=0.8km az=287.0, Southern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

ROM 02 01:16:41.6±0.2, 38.56N:02:14:76E:0.01, h23km, 2km, ML2.0/10, Error ellipse: s-maj=1.7km s-min=0.2km az=178.0, Sicily

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

IACL Alicudi 0.32 266 P Pn 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 A AML 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 P Pn 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 A AML 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 P Pn 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 A AML 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 P Pn 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 A AML 01 16 49.3 +0.6

IACL Alicudi 0.32 266 S Sn 01 16 54.5 +0.8

IACL Alicudi 0.32 266 P Pn 01 16 49.3 +0.6

Table with columns: BVAR, Borovoye Array, 66.94 327 P P 01 32 24.2 -0.8

TIXI Tiksi 66.97 1 P P 01 32 23.4 -1.4

ISC 02 01:31:39.7±1.7, 26.64S:176.75W, h0km, mb3.6/3, mbtmp3.6/3, ML4.9/1, Error ellipse: s-maj=44.6km s-min=31.4km az=87.0

ISC 02 01:31:41.6±3.1, 26.55S:02:177W±, h35km, n6, c0531/4, mb3.3/3, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

RAO Raoul Island 2.80 189 Pn Pn 01 32 23.7 -0.2

ASAR Alice Springs 43.98 263 P P 01 32 56.8 +0.2

WRA Warramunga Arr 44.61 268 P P 01 39 59.0 +8.2

QSPA South Pole Qui 63.62 180 P P 01 42 11.9 +3.1

HFS Hagfors 145.50 350 PKPbc PKIKP 01 51 19.6 +0.2

AKASG Malin Array Be 148.40 327 PKPbc PKPab 01 51 27.3 0.0

NNC 02 01:32:48.8±5.6, 37.00N:71.25E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=45.0km s-min=42.0km az=133.0

ISC 02 01:32:50.1±8.3, 36.87N:71.06E, h22km, 55km, mb3.2/4, mbtmp3.8/8, Error ellipse: s-maj=86.7km s-min=47.3km az=166.0

ISC 02 01:32:47.1±2.1, 36.77N:02:71.1E:0.1, h200km, n17, c1520/21, mb3.5/4, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

JMA 02 01:49:35.7±0.4, 23°N:2°12'E±, h46km, FAR S OFF ISHIGAKIUMA

TAP 02 01:49:37.9, 22.98N:122.41E, h80km, 1km, ML2.6, D

ISC 02 01:49:35.4±1.3, 22.92N:102:55E:0.04, h50km, n50, c1527/77, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res ISC

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

NEIC 02 01:55:36.9, 0.5, 19.22N, 0.03, 155.48W, 0.02, h42km, 2km, Error ellipse: s-maj=4.9km s-min=2.6km az=155.0

HVO 02 01:55:38.5, 0.8, 19.20N, 0.08, 155.46W, 0.08, h34km, 7km, ML2.4/34, ML2.5/40(NEIC), Error ellipse: s-maj=14.8km s-min=6.0km az=140.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hot Caves, Honuapo, Kahuku, Hilina Pali, etc.

DSN 02 01:57:11.9, 1.9, 27.51N, 55.70E, h10km, ML2.3/4, Error ellipse: s-maj=84.3km s-min=13.3km az=69.0
TEH 02 01:57:13.8, 27.58N, 55.75E, h1km, 155km, ML2.9
OMAN 02 01:57:21.1, 1.9, 26.79N, 55.41E, h5km, ml2, 1/9, Error ellipse: s-maj=20.4km s-min=6.9km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bandar-abas, LAR1, SHME, etc.

BJI 02 02:01:09.0, 0.0, 23.92N, 121.07E, h8km, mb4.2/23, mb4.4/9, ML4.5/9, Ms4.1, M21, Ms7.4, 0.2/1
TAP 02 02:01:10.2, 23.89N, 121.05E, h18km, ML4.8, B
NEIC 02 02:01:10.5, 23.86N, 121.12E, h18km
JMA 02 02:01:10.8, 0.2, 23.9N, 0.4, 12.1E, h11km, 4km, MW4.2/13, TAIWAN REGION

NIED 02 02:01:10.8, 23.89N, 121.08E, h11km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:0.92; M0:0.03; M0:0.95; M0:0.65; M0:0.57; M0:0.62; Fault plane solution: M0:1.40000x10^15 NP1: q0:175.00000, q2:0.00000, lambda:52.00000. NP2: q0:52.00000, q2:0.00000, lambda:140.00000
ASIES 02 02:01:11.2, 23.89N, 121.05E, h18km, ML4.8, Mw4.2, Moment Tensor Solution. Moment tensor: Scale 10^22Nm; Mn:1.91; M0:0.90; M0:0.88; M0:0.13; M0:0.90; M0:1.18; Fault plane solution: M0:2.19888x10^22 NP1: q0:207.02000, q2:60.93000, lambda:71.99000. NP2: q0:60.82000, q2:33.78000, lambda:119.09000. Principal axes: T: Plg68.6370, Azm80.1270; N: Plg15.6830, Azm216.0020; P: Plg14.1330, Azm310.0560

IDC 02 02:01:14.6, 2.6, 23.82N, 121.26E, h58km, 24km, mb3.9/22, mb2mp4.2/26, ML4.0/4, MS3.3/10 Error ellipse: s-maj=16.5km s-min=12.2km az=60.0

ISC 02 02:01:10.3, 0.6, 23.887N, 0.009, 121.07E, 0.01, h16km, 2km, n492, a:0.94/62.2, mb4.4/49, MS3.3/6, 11C-35D, Taiwan

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

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

EHD	baz=170	S	Sb	02 01 35.1 +0.4	SCST	baz=210	eS	Sg	02 01 48.0 +1.1	LYJJ	Jianjiangzhen	2.91 336	eP	Pn	02 01 54.4 -1.3		
CHKH	Chenggong	0.75 156	eP	Pg	02 01 25.8 +0.7	baz=210	Taitung	1.13 176	P	Pg	02 01 32.3 +0.1	ZPLA	Ao Xicun	3.04 271	eP	Pn	02 01 56.9 -0.6
CHKH	baz=156	eS	Pg	02 01 37.5 +0.4	TTN	baz=182	S	Sg	02 01 50.0 +2.9	JJSG	Ishigikijimahi	3.04 76	eP	Pn	02 01 58.0 +0.4		
EAHA	Aohua	0.76 54	P	Pb	02 01 25.1 +0.2	TAI1	Yung-k'ang	1.14 223	eP	Pb	02 01 32.4 +0.9	XPSS	Dashijiu	3.13 345	eP	Pn	02 01 57.5 -1.3
EAHA	baz=66	S	Sg	02 01 35.6 +0.4	TAI1	baz=231	eS	Sg	02 01 49.1 +1.7	DSXP	Dongshan	3.34 268	eP	Pn	02 02 01.2 -0.5		
LIOB	Emei	0.76 356	eP	Pg	02 01 25.8 +0.7	NHHD	Xindian Distri	1.15 21	eP	Sg	02 01 33.2 +0.6	SXFK	Yanchangchang	3.98 310	eP	Pn	02 02 09.4 -1.2
LIOB	baz=3.0	eS	Pg	02 01 36.0 +0.7	NHHD	baz=25	eS	Pg	02 01 48.7 +1.0	GZH	Guangzhou	7.13 265	P	Pn	02 02 49.3 -4.5		
WTP	Ta-pu	0.76 213	P	Pb	02 01 25.0 -0.1	TATO	Taipei	1.15 19	P	Pb	02 01 32.6 +0.9	GZH	comp=N,280nm,0.7s	smax	smax		
LATG	Datong	0.77 33	P	Pb	02 01 24.9 -0.4	TATO	Taipei	1.15 19	P	Pb	02 01 32.4 +0.8	JOW	Kunigami	7.15 64	Pn	Pn	02 02 54.0 -0.1
LATG	baz=34	S	Sb	02 01 35.6 +0.1	TATO	Taipei	1.15 19	eP	Pg	02 01 47.8 +0.1	JOW	Kunigami	7.15 64	P	Pn	02 02 53.8 -0.3	
STYT	Tauyuan	0.78 202	iP	Pb	02 01 25.6 +0.3	TATO	baz=23	eS	Sg	02 01 32.7 +0.1	JOW	5.0nm,0.3s, baz=174, slow=9.5, SNR=4.4	S	Sn	02 04 14.5 -0.3		
STYT	baz=201	S	Sb	02 01 35.7 +0.1	TSCK	Chigu Township	1.16 231	eP	Pn	02 01 32.2 +0.5	CNSH	0.38nm,0.3s	P	Pn	02 03 11.3 -0.9		
ECS	Chishang	0.80 170	P	Pg	02 01 26.4 +0.4	TSCK	baz=243	eS	Pg	02 01 48.4 +0.2	CNSH	Comp=Shia	8.47 302	P	smax		
ECS	baz=170	S	Sn	02 01 38.0 -0.2	EOS4	EO54	1.17 78	eP	Pb	02 01 32.3 +0.6	CNSH	comp=N,310nm,1.0s	smax	smax			
NJN	Zhunan	0.81 347	eP	Pg	02 01 27.0 +0.8	TWA	Mucha	1.19 23	P	Pb	02 01 33.2 +0.9	CNSH	comp=N,860nm,11.8s	LR	LR		
NJN	baz=348	eS	Sn	02 01 38.9 +0.3	TWA	baz=37	S	Sg	02 01 49.7 +0.9	CNSH	comp=E,1.1um,10.3s	LR	LR				
WSF	Szhu	0.81 252	eP	Pb	02 01 25.6 -0.3	EOS2	EOS2	1.19 63	eP	Pg	02 01 33.7 +0.4	CNSH	comp=Z,1.1um,10.2s	LR	LR		
TWK	Hsinying	0.81 221	P	Pb	02 01 25.9 -0.1	NTC	Toucheng	1.19 36	eP	Pg	02 01 35.3 +2.0	CGY	Tagaytay City	9.73 181	LR	LR	02 07 57.7
TWK	baz=220	S	Sn	02 01 38.5 -0.2	EOS3	EO53	1.21 71	eP	Pb	02 01 33.5 +1.0	QIZ	Qiongzong	11.51 247	P	Pn	02 03 52.7 -1.2	
NDT	Datong Townshi	0.82 30	P	Pb	02 01 25.9 -0.2	TWM1	Shoushan	1.21 209	eP	Pg	02 01 33.9 +0.1	QIZ	comp=N,170nm,15.1s	LR	LR	02 06 03.6 +1.5	
NDT	baz=30	eS	Sb	02 01 37.2 +0.4	TAP	Taipei	1.22 19	eP	Pn	02 01 32.8 +0.3	QIZ	comp=E,130nm,17.1s	LR	LR			
YHNB	Yehong	0.83 20	P	Pb	02 01 26.5 +0.2	TAP	baz=21	S	Sg	02 01 50.2 +0.4	JNU	Nakatsue	12.60 41	Pn	Pn	02 04 07.9 -0.9	
YHNB	Yeheng	0.83 20	P	Pb	02 01 25.0 +0.2	NHY	Taipei	1.23 22	eP	Pg	02 01 34.7 +0.5	JNU	Nakatsue	12.60 41	P	Pn	02 04 11.6 +2.8
CHKT	Chengkung	0.83 161	iP	Pg	02 01 27.2 +0.6	NHY	baz=36	eS	Sg	02 01 51.8 +1.4	KSAR	Wonju Array Be	14.72 22	Pn	Pn	02 04 39.0 +1.3	
CHKT	baz=160	S	Sn	02 01 39.5 +0.6	TSMG	Majia	1.24 198	eP	Pb	02 01 33.6 +0.4	KSRS	Korea Array	14.75 22	P	Pn	02 04 40.3 +2.3	
NJD	Zhudong	0.85 1	eP	Pn	02 01 27.6 +0.3	TSMG	baz=200	eS	Sg	02 01 50.9 +0.4	KSRS	0.7nm,0.3s, baz=201, slow=12, SNR=30	LR	LR	02 10 43.7		
NJD	baz=2.0	eS	Sg	02 01 39.1 +1.0	TWS1	Kuangyinshan	1.25 15	P	Pb	02 01 33.9 +0.5	KS19	Wonju Array Si	14.77 22	Pn	Pn	02 04 39.7 +1.4	
SNST	Tainan City	0.85 218	eP	Pb	02 01 26.6 +0.1	TWS1	baz=16	S	Sg	02 01 51.8 +0.9	SLVN	Son Lu	16.05 264	Pn	Pn	02 04 56.0 +0.6	
SNST	baz=218	eS	Sn	02 01 39.4 +0.1	LDUT	Ludao	1.26 163	eP	Pb	02 01 32.6 -0.5	DAV	Daevu City (W)	17.27 165	LR	LR	02 11 38.8	
WSL	Shuilin Townsh	0.85 245	eP	Pb	02 01 26.7 +0.1	LDUT	baz=151	eS	Sb	02 01 49.9 +0.4	PZH	PanZhihua	17.68 283	P	P	02 05 17.6 +0.8	
WSL	baz=245	eS	Sn	02 01 40.0 +0.6	SGLT	Jiouru	1.27 205	eP	Pg	02 01 36.0 +1.1	PZH	comp=Z,10.0nm,0.9s	pmax	pmax			
EWUT	Wuta	0.85 49	P	Pb	02 01 26.1 -0.6	TIPB	Shuangxi	1.28 32	eP	Pb	02 01 34.9 +0.9	HHC	Hu-ho-hao-te	18.70 337	eP	Pn	02 05 30.0 +1.7
EWUT	baz=50	eS	Sb	02 01 37.7 -0.1	TIPB	baz=34	eS	Sg	02 01 53.1 +1.2	HHC	comp=Z,8.0nm,0.7s	pmax	pmax	02 09 59.8 -0.6			
CHN1	Nanshi	0.86 215	P	Pb	02 01 26.6 -0.1	ECL	Taimali	1.29 185	P	Pn	02 01 33.9 +0.4	HHC	comp=Z,73nm,5.1s	LR	LR	02 09 18.2 +7.0	
CHN1	baz=216	S	Sg	02 01 39.0 +0.6	ECL	baz=198	eS	Sb	02 01 51.6 +1.3	HHC	comp=N,270nm,13.4s	LR	LR				
ENTT	Nioudou	0.88 31	P	Pb	02 01 26.9 -0.2	SNJT	Kaohsiung City	1.31 211	eP	Pg	02 01 34.3 +0.5	HHC	comp=N,150nm,12.6s	LR	LR		
ENTT	baz=27	eS	Sn	02 01 42.5 +2.3	NTST	Danuil	1.32 15	eP	Pg	02 01 37.0 +1.2	HHC	comp=Z,250nm,12.2s	LR	LR			
HSN1	Hsinchu	0.89 357	eP	Pg	02 01 28.1 +0.4	NTST	baz=16	eS	Sg	02 01 54.3 +1.3	JHJ	Hachijo jima 2	18.82 57	LR	LR	02 12 16.6	
HSN1	baz=3.0	eS	Sn	02 01 41.0 +0.7	MASBT	Mashbuluo	1.33 198	P	Pb	02 01 35.2 +0.5	LZH	Lanzhou	19.21 313	eP	Pn	02 05 35.1 +0.6	
ICHU	Yijhu	0.89 234	eP	Pb	02 01 27.3 0.0	MASBT	baz=199	S	Sg	02 01 53.4 0.0	LZH	comp=Z,1.4nm,1.1s	LR	LR	02 05 43.2 +1.8		
ICHU	baz=234	eS	Pn	02 01 40.9 +0.4	YM01	YM01	1.33 20	P	Pb	02 01 34.9 +0.8	LZH	comp=N,440nm,11.0s	LR	LR			
SBCB	Hsinchu	0.91 355	iP	Pg	02 01 28.4 +0.4	YM01	baz=21	eS	Sb	02 01 52.8 +1.1	LZH	comp=E,600nm,11.3s	LR	LR			
SBCB	baz=355	iS	Sn	02 01 41.7 +0.9	WFSB	Wu-fen Shan	1.35 29	eP	Pg	02 01 36.2 -0.1	LZH	comp=Z,810nm,10.0s	LR	LR			
SGST	Jiashian	0.92 209	P	Pb	02 01 27.2 -0.5	WFSB	baz=30	eS	Sg	02 01 54.0 +0.1	MJAR	Matsushiro Arr	19.42 46	P	P	02 05 35.6 -0.1	
SGST	baz=209	S	Sn	02 01 41.4 +0.3	YM08	YM08	1.38 20	eP	Pn	02 01 35.1 +0.4	MJAR	0.1nm,0.3s, baz=236, slow=8.6, SNR=4.2	LR	LR	02 12 54.3		
EDH	Donghe	0.94 167	eP	Pb	02 01 28.4 +0.4	TWB1	Santiao Chiao	1.40 37	eP	Pb	02 01 36.8 +0.9	JSD	Sado	20.36 42	P	P	02 05 45.0 -0.9
EDH	baz=167	eS	Sn	02 01 42.3 +0.8	TWB1	baz=47	eS	Sg	02 01 55.9 +0.4	CMAR	Chiang Mai Arr	21.32 260	P	P	02 05 55.6 -0.8		
NDS	Dongshan	0.95 38	P	Pb	02 01 28.5 +0.3	SX11	Grass Mountain	1.41 31	P	Pb	02 01 37.1 +0.9	CMAR	Chiang Mai Arr	21.32 260	P	P	02 05 59.7 +3.3
CHN8	Yiju	0.95 236	eP	Pb	02 01 28.4 +0.1	SX11	baz=26	S	Sg	02 01 55.5 -0.4	CMAR	1.4nm,0.4s, baz=58, slow=8.7, SNR=11	LR	LR	02 14 59.8		
CHN8	baz=235	eS	Sn	02 01 42.7 +0.8	TNOU	National Taiwa	1.41 27	eP	Pb	02 01 36.4 +0.2	USRK	Ussuriysk Ar.	22.15 21	LR	LR	02 15 10.9	
SLGT	Liugui	0.97 204	P	Pn	02 01 29.4 +0.4	TNOU	baz=29	eS	Sg	02 01 55.8 -0.2	TOL2	Tollitoli	22.64 181	P	P	02 06 10.4 -0.2	
SLGT	baz=204	eS	Sn	02 01 43.3 +0.9	PHUB	P'eng-hu	1.42 255	eP	Pn	02 01 34.7 -0.6	TOL2	comp=Z,9.9nm,1.2s	Iamb	Iamb	02 06 37.4		
NWLT	Wulai	0.97 24	P	Pb	02 01 28.7 0.0	PHUB	baz=255	eS	Sn	02 01 52.6 -0.9	SBUM	Sibu	22.97 203	P	P	02 06 14.3 +0.3	
NWLT	baz=25	eS	Sg	02 01 42.2 +0.1	PNG	Penghu	1.42 257	P	Pn	02 01 34.7 -0.5	ULN	Ulanbaatar	26.40 338	P	P	02 06 46.8 +0.8	
LONT	Longlian	0.98 177	P	Pb	02 01 29.3 +0.6	PNG	baz=257	S	Sn	02 01 53.5 -0.1	SHL	Shillong	26.54 280	P	P	02 06 47.2 -0.3	
LONT	baz=177	eS	Pg	02 01 42.5 +0.3	WDGT	Dungji	1.44 245	eP	Pn	02 01 34.7 -0.7	SONM	Songino Array	26.60 338	P	P	02 06 47.1 -0.6	
ESAO	Su ao	0.99 46	P	Pb	02 01 28.8 -0.1	WDGT	baz=244	eS	Sn	02 01 53.5 -0.4	KLR	Kul'dur	26.66 16	LR	LR	02 17 37.6	
ESAO	baz=46	S	Sn	02 01 43.5 +0.7	TWY	Chenhua	1.47 19	eP	Pb	02 01 37.4 +0.3	HEH	Heihe	26.78 9	eP	P	02 06 52.3 +3.2	
FUSB	Fushanzhiwuyua	0.99 28	iP	Pb	02 01 28.8 -0.2	EAST	Anshuo	1.51 188	eP	Pn	02 01 37.3 +0.8	HEH	comp=Z,5.0nm,0.8s	pmax	pmax		
FUSB	baz=22	S	Pb	02 01 44.8 +1.8	TAW	Tawu	1.53 186	eP	Pn	02 01 37.8 +1.0	WMQ	Urumqi	33.78 314	eP	P	02 07 54.3 +3.0	
TWE	Neicheng	0.99 33	P	Pb	02 01 29.4 +0.4	TAWH	Dawu Township	1.55 186	eP	Pb	02 01 39.4 +0.9	MTN	Manton Dam	37.81 164	P	P	02 08 22.3 -3.6
TWE	baz=35	eS	Sn	02 01 44.7 +1.7	SCZT	Fangliu	1.56 195	eP	Pn	02 01 38.1 +0.9	MK31	Makanchi Array	38.48 316	P	P	02 08 31.9 +0.6	
TWC	Suao	1.01 45	iP	Pb	02 01 29.7 +0.3	VCHM	Qimei	1.65 246	eP	Pn	02 01 38.1 -0.3	MK31	comp=Z,3.3nm,0.8s	Iamb	Iamb	02 08 38.6	
TWC	baz=46	S	Sn	02 01 43.9 +0.4	VCHM	baz=237	eS	Sn	02 01 58.2 -0.9	MKAR	Makanchi Array	38.48 316	P	P	02 08 31.6 +0.3		
CHN3	Shinhua	1.03 219	P	Pg	02 01 31.0 +0.6	JYNG	Yonagunijimaku	1.80 71	P	Pn	02 01 41.3 +0.8	MKAR	comp=Z,2.9nm,0.6s, baz=108, slow=10.0, SNR=22	P	P	02 08 32.3 +0.9	
CHN3	baz=231	eS	Sg	02 01 46.5 +2.5	JYNG	Yonaguni jima	1.86 72	P	Pn	02 01 42.2 +0.9	MKAR	comp=Z,0.5nm,0.7s, baz=97, slow=4.6, SNR=2.2	LR	LR	02 26 08.8		
SSHA	Shanhua	1.03 224	eP	Pn	02 01 30.6 +0.7	YOJ	Yonaguni jima	1.86 72	P	Pn	02 01 42.2 +0.9	ZAAO	Zalesovo Array	40.44 327	P	P	02 08 47.3 -0.2
SSHA	baz=234	eS	Pn	02 01 30.6 +0.7	YOJ	Yonaguni jima	1.86 72	eP	Pn	02 01 42.1 +0.7	ZAAO	comp=Z,5.4nm,0.9s	Iamb	Iamb	02 08 54.4		
TWG	Pinlang	1.06 180	Sg	Pb	02 01 45.4 +1.4	YOJ	Yonaguni jima	1.86 72	P	Pn	02 01 42.4 +1.0	ZALV	Zalesovo Beam	40.44 327	P	P	02 08 46.8 -0.7
TWG	baz=174	iS	Sn	02 01 44.7 +0.1	LAY	Lan-yu	1.89 166	eP	Sb	02 01 41.7 -0.1	ZALV	comp=Z,2.9nm,0.5s, baz=111, slow=8.0, SNR=11	P	P	02 08 47.5 0.0		
TWG	Pinlang	1.06 180	iP	Pg	02 01 30.4 +0.3	HEN	Hengchun	1.90 189	eP	Pg	02 01 46.8 0.0	ZALV	comp=Z,0.5nm,0.4s, baz=151, slow=3.3, SNR=2.1	P	P	02 10 49.0 -1.2	
TWG	baz=174	iS	Sg	02 01 45.8 +1.0	LYUB	Lan-yu	1.94 166	eP	Pn	02 01 41.2 -1.1	KSH	Kashi	40.97 303				

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Castelo Branco, Montargil, Alcocete, etc.

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

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

SOME 02:02:29:59.6, 42.02N:81.05E, h5km
NIC 02:02:30:01.8, 1.2, 42.06N:81.02E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=8.0km s-min=7.0km az=158.0
ISC 02:02:30:01.8, 2.1, 42.04N:0.008, 80.93E, 0.07, h10km, n44,

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ketmen, Shalkode, Podgornoye, etc.

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

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

ISC 02:02:40:47.3, 1.7, 61.96S:162.16E, h0km, mb4.3/7,
mbmp4.3/8, ML4.1/1, MS4.1/31, Error ellipse:
s-maj=70.2km s-min=18.1km az=77.0
NEIC 02:02:40:47.9, 1.9, 61.94S:0.09, 160.7E:0.4, h10km, 2km,

GCMT 02:02:40:50.9, 0.2, 62.03S:0.01, 161.75E:0.04, h14km, 1km,
MW5.0/86, Moment Tensor Solution. s28, c33; s86, c118;
Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.00e-17;

ISC 02:02:40:48.5, 0.7, 61.95S:0.07, 161.1E:0.2, h10km, n64,
a178/30, mb4.5/13, MS4.2/31, 5C, Balleny Islands region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Macquarie Isla, Vanda, Vanda, etc.

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

TEH 02:02:40:53.1, 27.40N:55.70E, h24km, 21km, ML3.9
NEIC 02:02:40:53.2, 1.7, 27.61N:0.06, 55.77E:0.08, h10km, 1km,

DSN 02:02:40:53.4, 1.4, 27.65N:55.79E, h20km, ML3.6/14, Error
ellipse: s-maj=17.3km s-min=7.6km az=37.0
OMAN 02:02:40:56.2, 0.1, 27.35N:55.66E, h8km, 1km, mb4.4/6,

ISC 02:02:40:58.1, 2.3, 27.44N:55.82E, h63km, 28km, mb3.5/11.0
mbmp3.8/22, ML3.8/6, MS3.3/2, Error ellipse:
s-maj=16.4km s-min=15.9km az=59.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bandar-abas, LAR, SHME, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like KHGB, AJN, KRM1, SOHO, ALNE, ZRAN, IMEH, IBAF, HOQA, ARAQ, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like VYHS, GERES, KHC, FINES, FUZH, PZHZ, HFS, NC40S, NB2, NOA, ARCES, HHC, HHC, EKA, ESCD, TOAO, TORO, TORO, DAV, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like VAO, NEIC, SJA, IDC, GUC, ISC, Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like ALOL, PB09, PB09, PB09, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Villa Florida, San Ignacio, Crissiumal, Terra Rica, etc.

NEIC 02 03:43:44.3 ± 0.7, 38.02N ± 0.01, 97.99W ± 0.02, h5km ± 1 km, mb_Lg2.4/4.6, ML2.6/8, Error ellipse: s-maj=3.3km s-min=2.7km az=50.0, Kansas

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Long Quarter, Argonia West S, Anthony Ne Sta, etc.

IDC 02 03:56:54.1 ± 3.2, 15.27S ± 167.56E, h107km, 25km, mb3.9/8, mbmp4.3/9, Error ellipse: s-maj=27.0km s-min=20.7km az=76.0

NOU 02 03:56:58.7, 15.46S ± 167.56E, h94km, mb4.3/12, Vanuatu Islands

ISC 02 03:56:55.9 ± 0.8, 15.30S ± 0.10, 167.6E ± 0.2, h124km, n25, o578/28, mb4.2/9, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Devils Point, LIFOU, Koumac, etc.

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

IDC 02 03:59:38.3 ± 1.3, 36.03N ± 27.81E, h0km, mb3.4/4, mbmp3.4/7, ML3.7/3, Error ellipse: s-maj=34.3km s-min=20.1km az=169.0

ATH 02 03:59:47.6 ± 36.09N ± 27.87E, h83km, 2km, ML3.0/10, Error ellipse: s-maj=2.9km s-min=2.1km az=75.0

ISK 02 03:59:47.2 ± 36.11N ± 27.86E, h83km, 1km, ML3.2/18

AFAD 02 03:59:47.5 ± 0.0, 36.04N ± 28.05E, h7km, 7km, ML2.7

HLW 02 03:59:47.2 ± 35.76N ± 28.07E, h10km, 1.9km, M0.0, M13.9

GII 02 03:59:47.0 ± 0.2, 35.78N ± 0.001 ± 28.212E ± 0.01, h18km, Mw5.3, 1 confirmed

THE 02 03:59:48.9 ± 36.08N ± 27.91E, h78km, 2km, ML3.1/4, Error ellipse: s-maj=2.4km s-min=1.0km az=65.0

NIC 02 03:59:49.0 ± 35.78N ± 28.08E, h62km, 4km, M13.3/13

ISC 02 03:59:46.7 ± 0.8, 35.98N ± 0.03 ± 27.97E ± 0.03, h85km, 6km, n124, r1550/159, mb3.3/4, 2C-1D, Dodecanese Islands

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

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

IDC 02 03:59:48.4 ± 1.3, 36.03N ± 27.81E, h0km, mb3.4/4, mbmp3.4/7, ML3.7/3, Error ellipse: s-maj=34.3km s-min=20.1km az=169.0

ATH 02 03:59:47.6 ± 36.09N ± 27.87E, h83km, 2km, ML3.0/10, Error ellipse: s-maj=2.9km s-min=2.1km az=75.0

ISK 02 03:59:47.2 ± 36.11N ± 27.86E, h83km, 1km, ML3.2/18

AFAD 02 03:59:47.5 ± 0.0, 36.04N ± 28.05E, h7km, 7km, ML2.7

HLW 02 03:59:47.2 ± 35.76N ± 28.07E, h10km, 1.9km, M0.0, M13.9

GII 02 03:59:47.0 ± 0.2, 35.78N ± 0.001 ± 28.212E ± 0.01, h18km, Mw5.3, 1 confirmed

THE 02 03:59:48.9 ± 36.08N ± 27.91E, h78km, 2km, ML3.1/4, Error ellipse: s-maj=2.4km s-min=1.0km az=65.0

NIC 02 03:59:49.0 ± 35.78N ± 28.08E, h62km, 4km, M13.3/13

ISC 02 03:59:46.7 ± 0.8, 35.98N ± 0.03 ± 27.97E ± 0.03, h85km, 6km, n124, r1550/159, mb3.3/4, 2C-1D, Dodecanese Islands

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

2018 JUN

Table with columns: HMDT, HD, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like Nahal Hemdat, Amatzia, Suez, Kziot, Yattir, etc.

Table with columns: WRAB, Iamb, Iamb, Time, Res, I, S, C. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

Table with columns: LATG, NTST, TWS1, TWS1, EAHA, EAHA, YHNB, YHNB, YHNB, etc. Includes stations like bazz=237, bazz=237, bazz=294, etc.

IDC 02 04:07:55.0:1.8, 29.78N-94.99E, h0km, mb3.6/4, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=81.1km s-min=24.0km az=68.0, Eastern Xizang-India border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like Makanchi Array, Songrio Array, Zalesovo Beam, Warramunga Arr, Alice Springs.

IDC 02 04:57:36.0:3.8, 24.23N-122.00E, h0km, mb3.6/2, mbtmp3.8/4, ML3.6/2, MS4.3/1, Error ellipse: s-maj=102.1km s-min=31.6km az=112.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like ASIES, GERS, CIMO, FUONI, SGRT, FDMO, NRCA, etc.

IDC 02 04:35:31.4:1.1, 0.92N-122.08E, h0km, mb3.6/5, mbtmp3.6/5, MS3.0/1, Error ellipse: s-maj=166.7km s-min=20.9km az=68.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like WRA, PMG, ASAR, SONMI, MKAR, KURBB, etc.

IDC 02 04:39:08.0:1.1, 7.04N-125.82E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=76.5km s-min=22.2km az=68.0, Mindanao

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

NOU 02 04:47:55.1, 21.73S-171.03E, h0km, MLV4.6/11, Southeast of Loyalty Islands

NEIC 02 04:48:00.4:1.4, 21.9S:0.1:170.8E:0.1, h129km, 7km, mb4.5/1.1, Error ellipse: s-maj=18.6km s-min=17.4km az=68.0

IDC 02 04:48:01.9:4.4, 21.78S:170.59E, h149km, 32km, mb3.7/5, mbtmp4.1/6, Error ellipse: s-maj=40.8km s-min=27.5km az=52.0

ISC 02 04:47:57.1:0.8, 21.8S:0.1:170.94E:0.09, h112km, n46, n157/47, mb4.4/14, 5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like MARNC, PINNC, LIFNC, YATNC, OUCNC, DZM, DZM, DZM, etc.

IDC 02 04:57:44.1:0.9, 24.93N:0.03:122.03E:0.02, h114km, 4km, n152, n089/260, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like EGS, TWB1, TWB1, TIPB, SX11, WFSB, ILA, TWC, TWC, TNOU, ESao, ESao, TWE, NDS, TWA, TWA, FUSB, FUSB, NHY, NHDH, YMO1, YMO1, YMO8, TAP, NWL7, NWL7, ENT7, TATO, EWUT, ESO2, ESO2, TWY, TWY, ANP, NDT, NDT, LATG, etc.

IDC 02 04:57:36.0:3.8, 24.23N-122.00E, h0km, mb3.6/2, mbtmp3.8/4, ML3.6/2, MS4.3/1, Error ellipse: s-maj=102.1km s-min=31.6km az=112.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, I, S, C. Includes stations like ASIES, GERS, CIMO, FUONI, SGRT, FDMO, NRCA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ROSARIO DO SUL, UNISTALDA, PEDRAS ALTAS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HILINA PALI, MAUNA LOA, HOPEN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LEKHAPANI, DIBRUGARH, MOKOCHONG, etc.

NEIC 02 05:29:06.9-1.0, 19.39N-0.0155:04W.0.01, h5km, 1km, Error ellipse: s-maj=3.2km s-min=2.6km az=130.0

NAO 02 05:41:06.9-1.1, 76.16N-24.12E, h12km, 12km, ML2.6, Error ellipse: s-maj=30.4km s-min=23.4km az=50.0, Storfjordren zone

Fault plane solution: M=2.43000x10^16 N P1=96.01000; 854.64000; 1.6745000; NP2=311.67000; 841.13000; 1.118.39000; Principal axes: T 2.2894, P1g70.0000; Azm312.0000; O 0.2747, P1g18.0000; Azm110.0000; P -2.5641, P1g7.0000; Azm202.0000;

ISC 02 05:46:05.8-0.3, 27.11N-0.003:96.99E-0.02, h33km, 1km, h33km; p-P, n1216, r133/1292, mb5.2/291, MS4.3/89, 73C-50D, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LEKHAPANI, DIBRUGARH, MOKOCHONG, etc.

IDC 02 05:46:03.6-1.8, 27.12N-97.08E, h20km, 11km, mb4.8/35, m1m4.9/36, ML4.3/1, MS4.2/57, Error ellipse: s-maj=13.3km s-min=9.7km az=41.0

BUI 02 05:46:04.8-0.0, 27.20N-96.96E, h41km, mb4.9/75, m5.1/45, ML4.9/11, M4.8/85, Ms7.4/8/1

MOS 02 05:46:05.4-0.9, 27.09N-97.07E, h47km, mb5.4/83, MS4.3/31, Error ellipse: s-maj=5.8km s-min=3.3km az=123.5

GCMT 02 05:46:05.2-0.3, 26.97N-0.02:96.98E-0.02, h28km, MW5.0/85, Moment Tensor Solution, s48.c53; s85.c118; Duration: 0 Moment tensor: Scale 10^16Nm; M12.91±16; M12.32±10; M01-0.59±11; M11.37±14; M10.19±107; M10.25±16; Best double couple: M3.5510000; NP1=105.00000; 857.00000; 1.68.00000; NP2=32.00000; 839.00000; 1.120.00000; Principal axes: T 3.3900, P1g69.0000; Azm326.0000; N 0.3230, P1g18.0000; Azm118.0000; P -3.7120, P1g9.0000; Azm211.0000; s1a1 refers to body waves, cutoff=40s. n1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 02 05:46:07.2-1.3, 27.18N-0.07:96.99E-0.07, h39km, 5km, s-min=9.7km az=216.0, Error ellipse: s-maj=10.3km

NEIC 02 05:46:08.27:17N-96.98E, h26km NEIC 02 05:46:08.27:17N-96.98E, h26km, Moment Tensor Solution. Duration: 155 Moment tensor: Scale 10^16Nm; M12.02; M10-2.03; M10.01; M10.75; M10.108; M10.3

CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 13.2 +2.4 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.6 +0.8

CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.6 +0.8 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1

CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.6 +0.8 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1

CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.6 +0.8 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1

CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.6 +0.8 CHIANG MAI ARR 8.80 168 Pn Pn 05 48 11.2 +2.1

GOMU	comp=Z,230nm,1.0s	LR	LR						
GOMU	comp=Z,9um,9.6s	LR	LR						
GOMU	comp=Z,3um,7.9s	LR	LR						
BOK	comp=Z,11um,9.6s	10.56	254	eP	Pn	05 48 34.2	-0.8		
BOK	Bokaro			ex	x	05 50 25.5			
LZH	Lanzhou	10.68	31	IP	Pn	05 48 37.1	+0.4		
LZH				sP	S	05 50 52.1			
LZH				SS	Sn	05 50 52.0	+1.7		
LZH	comp=Z,110nm,0.8s	LR	LR						
LZH	comp=Z,5um,10.3s	LR	LR						
LZH	comp=Z,3um,13.7s	LR	LR						
LZH	comp=Z,6um,11.3s	LR	LR						
ENH	Enshi	11.41	71	P	Pn	05 48 47.2	+0.6		
ENH	Enshi	11.41	71	P	Pn	05 48 46.0	-0.6		
GULI	GulLin	12.15	96	IP	S	05 49 02.5	+5.9		
GULI				P	Sn	05 51 14.4	+3.4		
GULI	comp=Z,90nm,1.3s	LR	LR						
GULI	comp=Z,3um,15.4s	LR	LR						
GULI	comp=Z,750nm,16.8s	LR	LR						
GULI	comp=Z,2um,15.5s	LR	LR						
XAN	Xi'an	12.38	53	IP	Pn	05 48 59.1	-0.7		
XAN				pP	P	05 49 10.9	-0.5		
XAN				sP	S	05 49 16.6			
XAN				S	Sn	05 51 12.9	-3.7		
XAN	comp=Z,23nm,1.7s								
XAN	comp=Z,230nm,5.9s								
XAN	comp=Z,2um,11.1s								
XAN	comp=Z,4um,12.1s								
XAN	comp=Z,5um,12.1s								
GTA	Gaotai	12.49	10	P	Pn	05 49 01.0	-0.3		
GTA				sP	P	05 49 16.6	+3.9		
GTA	comp=Z,9.0nm,1.5s								
GTA	comp=Z,5um,11.3s								
GTA	comp=Z,1um,9.1s								
GTA	comp=Z,6um,9.6s								
SRDT	SRDT	12.85	171	P	Pn	05 49 09.8	+3.5		
JHSG	JHARSUGUGA	13.16	249	ex	Pn	05 49 11.0	+0.6		
ALBI	Allahabad	13.75	266	ex	Pn	05 49 15.3	-3.1		
CNSH	ChangSha	14.17	82	P	Pn	05 49 22.7	-1.5		
CNSH	comp=Z,54nm,0.8s	LR	LR						
CNSH	comp=Z,840nm,4.6s	LR	LR						
CNSH	comp=Z,2um,8.7s	LR	LR						
CNSH	comp=Z,3um,9.7s	LR	LR						
UBPT	Khong Chiam	14.18	144	P	P	05 49 28.1	-3.3		
UBPT	Khong Chiam	14.18	144	P	P	05 49 26.9	+2.6		
QIZ	Qiongzong	14.30	122	P	Pn	05 49 26.5	+0.5		
QIZ				S	Sn	05 52 08.0	+4.5		
QIZ	comp=Z,15nm,1.4s								
QIZ	comp=Z,190nm,5.2s								
QIZ	comp=Z,640nm,8.0s								
QIZ	comp=Z,680nm,8.0s								
QIZ	comp=Z,1um,8.6s								
QIZ	Qiongzong	14.30	122	P	Pn	05 49 28.8	+2.8		
QIZ	Qiongzong	14.30	122	P	Pn	05 49 28.4	+2.4		
LTI	Lohaghat	14.94	283	eP	Pn	05 49 32.0	-2.5		
PTH	Pithoragarh	14.97	283	eP	Pn	05 49 31.1	-4.2		
LYN	LuoYang	15.21	57	IP	P	05 49 36.1	-2.1		
LYN				pP	P	05 49 44.0	+1.1		
LYN				S	Sn	05 52 24.2	-1.5		
LYN				SS	S	05 52 40.0	-1.7		
LYN				S	SnSn	05 52 46.6	+8.1		
LYN	comp=Z,24nm,0.7s								
LYN	comp=Z,300nm,4.4s								
LYN	comp=Z,3um,14.2s								
LYN	comp=Z,7um,11.3s								
LYN	comp=Z,8um,11.3s								
WHN	Wuhan	15.60	73	IP	Pn	05 49 41.7	-1.5		
WHN				pP	P	05 49 55.3	-0.8		
WHN				S	Sn	05 52 34.3	-0.7		
WHN				SS	S	05 52 52.4	+2.9		
WHN	comp=Z,250nm,1.3s								
WHN	comp=Z,880nm,2.6s								
WHN	comp=Z,5um,9.8s								
WHN	comp=Z,14um,10.6s								
WHN	comp=Z,17um,11.7s								
VIS	Vishakhapatnam	15.70	236	eP	Pn	05 49 44.6	0.0		
JHNI	Jhansi	16.63	268	ex	Pn	05 49 51.2	-5.3		
JHNI				ix	P	05 49 58.0	+1.5		
TIY	Taiyuan	16.76	47	eP	P	05 50 00.6	+0.5		
TIY				S	S	05 53 21.3	+7.8		
TIY	comp=Z,50nm,0.6s								
TIY	comp=Z,950nm,9.9s								
TIY	comp=Z,880nm,9.3s								
TIY	comp=Z,1um,11.8s								
DDI	Dehra Dun	16.91	285	eP	Pn	05 49 56.8	-3.3		
DDI				x	P	05 50 02.2			
BTO	Baotou	17.24	35	eP	Pn	05 50 03.0	-1.2		
BTO				pP	P	05 50 12.2	-2.3		
BTO				sP	P	05 50 18.1	-0.9		
BTO				S	Sn	05 53 11.1	-3.9		
BTO				SS	S	05 53 24.9	+1.6		
BTO				SS	SnSn	05 53 33.9	+5.3		
BTO	comp=Z,96nm,2.2s								
BTO	comp=Z,800nm,5.4s								
BTO	comp=Z,6um,9.6s								
BTO	comp=Z,2um,11.9s								
BTO	comp=Z,7um,12.3s								
SONA	Sohna	17.67	278	eP	P	05 50 09.9	-0.2		
SMLA	Simla	17.77	288	ex	Pn	05 50 06.8	-3.9		
BHPL	Bhopal	18.12	262	eP	Pn	05 50 12.3	-2.7		
BHPL				ex	x	05 53 27.0			
HNS	HongShan	18.13	51	IP	Pn	05 50 14.8	-0.2		
HNS	comp=Z,28nm,1.1s								
HNS	comp=Z,440nm,6.7s								
HNS	comp=Z,580nm,15.1s								
HNS	comp=Z,1um,12.7s								
HNS	comp=Z,2um,17.2s								
KUDL	Kundal	18.20	278	eP	Pn	05 50 13.3	-2.6		
HHC	Hu-ho-hao-te	18.24	38	eP	P	05 50 14.6	-1.8		

HHC				S	Sn	05 53 32.4	-6.7		
HHC				SS	SnSn	05 53 56.8	+3.8		
HHC				Pmax					
HHC	comp=Z,75nm,1.2s								
HHC	comp=Z,340nm,5.0s								
HHC	comp=Z,3um,10.3s								
HHC	comp=Z,1um,11.1s								
HHC	comp=Z,4um,10.7s								
WMQ	Urumqi	18.29	338	eP	Pn	05 50 18.0	+1.0		
WMQ				SS	S	05 53 54.9	+11		
WMQ	comp=Z,80nm,1.1s								
WMQ	comp=Z,250nm,3.7s								
WMQ	comp=Z,1um,7.5s								
WMQ	comp=Z,760nm,9.3s								
WMQ	comp=Z,400nm,12.7s								
BHK	Bhakra	18.45	288	ex	P	05 50 20.4	+1.6		
BHK				x	x	05 50 27.7			
SRIT	Nakonsritamara	18.58	172	P	Pn	05 50 22.8	+2.1		
SRIT	Nakonsritamara	18.58	172	P	Pn	05 50 20.7	0.0		
DHRM	DHARMSHALA	18.68	291	eP	P	05 50 17.8	-3.7		
THN	Thein Dam	19.20	291	eP	P	05 50 23.2	-3.4		
AKL	Akola	19.33	255	eP	Pn	05 50 30.6	+0.9		
TIA	Tai'an	19.36	57	P	P	05 50 29.2	+0.5		
TIA				pP	P	05 50 37.9	+0.1		
TIA				sS	S	05 54 16.9	-3.4		
TIA	comp=Z,30nm,0.9s								
TIA	comp=Z,1um,12.5s								
TIA	comp=Z,1um,13.4s								
TIA	comp=Z,2um,12.8s								
HYB	Hyderabad	19.58	244	eP	Pn	05 50 32.5	-0.2		
HYB				sP	S	05 50 53.7	+8.9		
NJ2	Nanjing	19.63	70	IP	P	05 50 32.2	+0.5		
NJ2				pP	P	05 50 39.2	-1.5		
NJ2				sP	S	05 50 48.6	+3.2		
NJ2	comp=Z,34nm,0.8s								
NJ2	comp=Z,680nm,3.5s								
NJ2	comp=Z,640nm,10.4s								
NJ2	comp=Z,3um,10.9s								
NJ2	comp=Z,3um,11.8s								
JMU	Jammu	19.93	292	eP	P	05 50 33.7	-1.2		
AJM	Ajmer	19.96	273	eP	P	05 50 35.2	-0.2		
AJM				x	x	05 59 14.1			
BJT	Baijiatuu	20.47	46	P	P	05 50 41.4	+0.7		
BJT	Baijiatuu	20.47	46	P	P	05 50 41.3	+0.6		
BJT	Baijiatuu	20.47	46	P	P	05 50 41.3	+0.6		
BJT									
BJI	Beijing	20.48	46	P	P	05 50 41.4	+0.6		
BJI				sP	S	05 50 59.1	+4.7		
BJI									
MDRS	Chennai	21.00	232	eP	Pn	05 50 48.0	-1.3		
SHLS	Shalkode	21.42	323	IP	P	05 50 49.4	-1.7		
SHLS	Shalkode	21.42	323	c	P	05 50 49.4	-1.7		
SHLS	Shalkode	21.42	323	c	P	05 50 49.4	-1.7		
KSH	Kashi	21.42	311	P	P	05 50 52.8	+1.7		
KSH				pP	S	05 51 03.1	-1.4		
KSH				sP	S	05 51 08.9	+8.8		
KSH				S	S	05 54 44.9	-2.3		
KSH	comp=Z,91nm,1.3s								
KSH	comp=Z,1um,15.0s								
KSH	comp=Z,2um,17.2s								
TARG	Taragay, Kyrgy	21.45	318	P	P	05 50 52.7	+1.0		
TARG	Taragay, Kyrgy	21.45	318	P	P	05 50 52.7	+1.0		
TARG									
SSE	Sheshan	21.50	74	P	P	05 50 52.8	+0.9		
SSE									
SSE	comp=Z,66nm,0.9s								
SSE	comp=Z,2um,14.6s								
SSE	comp=Z,560nm,14.6s								
PRZ	Przheval'sk	21.57	320	P	Iamb	05 50 52.9	+0.2		
PRZ						05 50 55.6			
PRZ	comp=Z,159nm,1.2s								
PRZ	Przheval'sk	21.57	320	P	Pmax				

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Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like OSTC Ostas, VRAC Vranov, CHVC Chvalec, etc.

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Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like M11K Mekoryuk, BTNL Bernell, QLP Quilpie, etc.

J18K	Innoko River baz=297,SNR=24	72.98	27	P	P	05 57 32.3 +0.4
D24K	Happy Valley	72.99	20	P	Iamb	05 57 31.9 +0.1
D24K	comp=Z,19nm,0.9s					05 57 44.1
D24K	Happy Valley	72.99	20	P	P	05 57 32.3 +0.5
TOLK	Toolik Lake Re baz=302,SNR=5.5	73.03	21	P	P	05 57 32.8 +0.7
ESY	Stoney 325f	73.19	30	P	P	05 57 32.8 +0.2
M16K	Timber Creek baz=295,SNR=15	73.09	30	P	P	05 57 33.5 +0.9
EDMD	Edmundbyers	73.17	323f	eP	Iamb	05 57 33.4 +0.2
EDMD	comp=Z,34nm,0.8s					05 57 34.3
J19K	Poorman	73.17	26	P	P	05 57 33.9 +0.9
I20K	Naaghedeneel baz=299,SNR=5.8	73.24	25	P	P	05 57 34.4 +1.0
G22K	Bettles baz=300	73.27	23	P	P	05 57 33.7 +0.2
EDI	Edinburgh	73.38	325	eP	P	05 57 34.5 +0.2
N16K	Nishlik Lake baz=296,SNR=13	73.43	30	P	P	05 57 35.1 +0.5
H21K	Melozitna River	73.45	24	P	Iamb	05 57 34.6
H21K	comp=Z,63nm,1.4s					
H21K	Melozitna River	73.45	24	P	P	05 57 35.1 +0.5
LINV	Loch Inver, As	73.47	327	eP	Iamb	05 57 35.4 +0.6
LINV	comp=Z,18nm,1.2s					05 57 36.2
O15K	Ungalikthuk R baz=295,SNR=6.4	73.51	32	P	P	05 57 35.2 +0.2
L18K	Granite Mounta baz=297,SNR=14	73.55	28	P	P	05 57 35.9 +0.6
COLD	Coldfoot baz=302,SNR=8.3	73.56	22	P	P	05 57 35.8 +0.6
EKA	Eskdalemuir Ar comp=Z,15nm,0.8s,baz=73,slow=6.1,SNR=71	73.60	324	P	PP	05 57 35.5 -0.2
EKA	comp=Z,1.2nm,0.8s,baz=67,slow=9.6,SNR=4.8					06 00 15.9 -3.6
M17K	Holitna River baz=296,SNR=18	73.61	29	P	P	05 57 36.5 +0.9
LBWR	Ladybowyer, Pea	73.61	322	eP	Iamb	05 57 36.0 +0.3
LBWR	comp=Z,42nm,1.1s					05 57 37.1
D25K	Kavik River	73.63	19	P	P	05 57 36.4 +0.7
ESK	Eskdalemuir	73.63	324f	eP	Iamb	05 57 36.2 +0.4
ESK	comp=Z,28nm,1.0s					05 57 37.1
ESK	Eskdalemuir	73.63	324	P	P	05 57 35.8 0.0
ESK	comp=Z,28nm,1.0s					05 57 35.8 0.0
J20K	Novinta River	73.66	26	P	P	05 57 36.9 +1.0
E24K	Your Creek baz=298,SNR=16	73.67	21	P	P	05 57 36.7 +0.8
C26K	Camden Bay baz=305,SNR=16	73.72	19	P	P	05 57 37.5 +1.4
EIDS	Eidsvold	73.75	130	P	P	05 57 37.9 +1.0
EIDS	comp=Z,41nm,1.2s					05 57 38.2
EIDS	Eidsvold	73.75	130	P	Iamb	05 57 38.2
EIDS	comp=Z,31nm,1.2s					05 57 37.3 +0.4
H22K	Ishlaltina Cre baz=300	73.84	23	P	P	05 57 37.7 +0.8
S12K	Black Hills	73.87	35	P	P	05 57 38.0 +0.8
KESW	Keswick, Cumbr	73.88	323f	eP	Iamb	05 57 37.8 +0.5
KESW	comp=Z,39nm,0.9s					05 57 38.7
G23K	Bananaz Creek baz=301,SNR=15	73.89	22	P	P	05 57 37.8 +0.6
NEEM	North Greenlan	73.93	353	iP	Iamb	05 57 36.6 -1.0
NEEM	comp=Z,23nm,0.8s					05 57 39.3
I21K	Tanana baz=300	73.98	24	P	P	05 57 38.8 +1.1
KPL	Plocton	74.03	327f	eP	Iamb	05 57 38.3 +0.2
KPL	comp=Z,13nm,1.1s					05 57 39.9
K20K	Telida baz=299,SNR=24	74.09	26	P	P	05 57 39.4 +1.0
PGBU	Gleniferbass	74.09	325	eP	Iamb	05 57 39.2 +0.7
PGBU	comp=Z,22nm,0.8s					05 57 40.1
N17K	Nushagak Hills baz=297,SNR=14	74.11	30	P	P	05 57 39.7 +1.1
O16K	Kokwok River B baz=296,SNR=17	74.12	31	P	P	05 57 39.1 +0.5
F24K	Squaw Lake baz=303,SNR=9.0	74.16	21	P	P	05 57 39.4 +0.6
C27K	Jago River baz=306,SNR=26	74.23	19	P	P	05 57 40.3 +1.2
NEWG	New Galloway	74.25	324f	eP	Iamb	05 57 39.9 +0.5
NEWG	comp=Z,25nm,1.2s					05 57 41.0
M18K	Stony River baz=298,SNR=16	74.25	28	P	P	05 57 40.3 +0.9
L19K	White Mountain baz=298,SNR=29	74.33	28	P	P	05 57 40.8 +0.9
LAWE	Loch Awe, Argy	74.37	326f	eP	Iamb	05 57 40.6 +0.5
LAWE	comp=Z,14nm,0.9s					05 57 41.5
P16K	Nushagak River baz=297	74.42	31	P	P	05 57 40.9 +0.5
AULRC	Lightning Ridg Kolliganek Bris	74.46	135	P	P	05 57 41.3 +0.3
O17K	Lightning Ridg Kolliganek Bris	74.49	30	P	P	05 57 41.3 +0.6
CHUM	Lake Minchumini baz=300,SNR=11	74.51	25	P	P	05 57 41.7 +0.9
MLY	Manley baz=301,SNR=38	74.51	24	P	P	05 57 41.7 +0.8
H23K	Yukon River baz=302,SNR=12	74.52	23	P	P	05 57 42.0 +1.1
SVW2	Sparvevohn	74.54	29	P	P	05 57 41.9 +0.8
CMSA	Cobar Meteorol	74.55	138	P	P	05 57 41.3 -0.1
CMSA	comp=Z,23nm,0.9s					05 57 42.0 +0.6
E25K	Arctic Village baz=305,SNR=7.9	74.56	20	P	P	05 57 41.8 +0.7
L20K	Farewell, AK baz=299,SNR=13	74.59	27	P	P	05 57 42.0 +0.7
HLM1	Long Mynd	74.61	321	eP	Iamb	05 57 42.4 +0.8
HLM1	comp=Z,46nm,1.4s					05 57 43.1
N18K	Kilae Creek baz=298,SNR=14	74.61	29	P	P	05 57 42.3 +0.9
GAL1	Galloway	74.61	324f	eP	Iamb	05 57 42.7 +0.7
GAL1	comp=Z,21nm,1.0s					05 57 43.0
FOEL	Foel Wyifa	74.63	322f	eP	Iamb	05 57 42.7 +1.0
FOEL	comp=Z,27nm,0.9s					05 57 43.3
M19K	Big River Lodg baz=299,SNR=12	74.66	28	P	P	05 57 42.7 +1.0
G24K	Hadweenciz Riv baz=304,SNR=9.9	74.75	22	P	P	05 57 43.0 +0.8
IOMK	Kirk Michael	74.79	323f	eP	Iamb	05 57 43.3 +0.9
IOMK	comp=Z,66nm,0.8s					05 57 44.3
CAST	Castle Rocks	74.83	26	P	P	05 57 43.1 +0.4
CAST	comp=Z,50nm,1.3s					05 57 44.7
CAST	Castle Rocks baz=300,SNR=40	74.83	26	P	P	05 57 43.4 +0.7
SDPT	Sand Point baz=296	74.83	35	P	P	05 57 44.0 +1.3
F25K	Christian River baz=305,SNR=28	74.84	21	P	P	05 57 44.0 +1.3
MCH1	Michaelchurch	74.89	321f	eP	Iamb	05 57 43.3 +0.1
MCH1	comp=Z,14nm,0.9s					05 57 44.5
S14K	Fog Glacier baz=296	74.89	34	P	P	05 57 43.8 +0.5
WIM	Isle of Man	74.90	323f	eP	P	05 57 44.1 +0.9
BPAW	Bear Paw Mtn. baz=301,SNR=25	74.90	25	P	P	05 57 43.7 +0.6
I23K	Minto, Yukon-K baz=302,SNR=11	74.95	24	P	P	05 57 44.0 +0.7

PPLA	Purkeypile baz=300,SNR=16	75.06	26	P	P	05 57 44.8 +0.6
P17K	Kvichak River baz=298,SNR=11	75.06	31	P	P	05 57 44.7 +0.7
H24K	Noodor Dome baz=303,SNR=9.1	75.09	23	P	P	05 57 45.0 +0.8
WLF1	Lynfaes WLF1	75.11	322f	eP	Iamb	05 57 45.3 +0.9
WLF1	comp=Z,62nm,0.7s					05 57 46.0
N19K	Bonanza Creek baz=299,SNR=14	75.15	29	P	P	05 57 45.5 +0.8
G25K	Bearman Lake baz=305,SNR=9.0	75.16	21	P	P	05 57 45.5 +1.0
M20K	Sly River baz=300	75.19	27	P	P	05 57 45.9 +1.0
D27M	Malcolm River baz=309	75.23	18	P	P	05 57 46.0 +1.0
F26K	Sheenjek River baz=309	75.24	20	P	P	05 57 46.1 +1.1
BMAR	Burnt Mountain O18K	75.26	21	P	P	05 57 46.6 +1.5
O18K	Koktuh Hills baz=299,SNR=17	75.30	30	P	P	05 57 46.0 +0.6
NEA2	Nenana baz=303,SNR=17	75.35	24	P	P	05 57 45.9 +0.3
M00	Murphy Dome TRF	75.45	24	P	P	05 57 46.5 +0.2
M00	Thorofore Moun baz=302,SNR=7	75.51	25	P	P	05 57 47.5 +0.7
P18K	Big Mountain baz=299,SNR=14	75.51	30	P	P	05 57 47.0 +0.2
CHNA	Chernabura Isl baz=296	75.52	36	P	P	05 57 47.0 +0.2
O19K	Port Aitchook H25L	75.52	29	P	P	05 57 47.0 +0.3
H25L	Birch Creek baz=305,SNR=8.3	75.54	22	P	P	05 57 47.4 +0.7
COLA	College COLA	75.63	24	P	P	05 57 47.7 +0.5
COLA	College COLA	75.63	24	P	Iamb	05 57 48.6 -0.6
COLA	comp=Z,16nm,0.8s					05 57 48.6
COLA	College COLA	75.63	24	P	P	05 57 47.5 +0.3
COLA	College COLA	75.63	24	P	pmax	05 57 46.6 -0.6
POKR	Poker Plat Res baz=314,SNR=6.3	75.64	23	P	P	05 57 47.9 +0.5
E27K	Coleen River baz=308,SNR=23	75.71	19	P	P	05 57 48.6 +0.9
D28M	Stokes Point baz=311	75.79	18	P	P	05 57 49.1 +1.1
SKT	Skvmtna baz=301,SNR=26	75.79	27	P	P	05 57 48.1 -0.1
G26K	Porcupine Riv baz=307,SNR=20	75.80	21	P	P	05 57 49.5 +1.3
MCK	McKinley baz=303,SNR=7.0	75.87	25	P	P	05 57 48.7 0.0
RSBS	Rosebush, Pemb RSBS	75.88	321f	eP	Iamb	05 57 49.5 +0.6
RSBS	comp=Z,26nm,0.9s					05 57 50.0
N20K	Mount Spurr baz=301,SNR=8.5	75.92	28	P	P	05 57 49.1 +0.1
ILAR	Eielson Array ILAR	76.03	23	P	P	05 57 48.6 -1.0
ILAR	Eielson Array ILAR	76.03	23	P	PP	05 57 48.2 -1.3
ILAR	comp=Z,8.8nm,1.1s,baz=291,slow=4.8,SNR=48					06 00 35.0 -4.8
ILAR	comp=Z,0.4nm,0.6s,baz=280,slow=10.0,SNR=1.8					06 04 50.0 -1.8
ILAR	comp=Z,185nm,19.5s,baz=304,slow=38					06 04 50.0 -1.8
ILAR	comp=Z,2.8nm,1.1s					05 57 48.6 -1.0
E28M	Babbage River baz=310,SNR=21	76.04	18	P	P	05 57 50.1 +0.6
SUMC	Summit SUMC	76.06	347	iP	Iamb	05 57 48.0 -2.1
SUMC	comp=Z,7.6nm,0.8s					05 57 52.1
CUT	Chulitna baz=302	76.07	26	P	P	05 57 49.6 -0.2
PRP	Porcupine Dome baz=306,SNR=28	76.08	22	P	P	05 57 50.7 +0.7
HDA	Harding Lake baz=304,SNR=7.0	76.22	24	P	P	05 57 49.4 -1.2
P19K	Oil Pt baz=300,SNR=3.7	76.27	29	P	P	05 57 50.4 -0.6
ARPS	Mount Arapiles ARPS	76.28	144	P	P	05 57 51.3 0.0
ARPS	Mount Arapiles ARPS	76.28	144	P	P	05 57 51.2 0.0
O20K	Slope Mountain baz=301	76.31	29	P	P	05 57 50.7 -0.7
SUA	Susitna One baz=302,SNR=28	76.38	27	P	P	05 57 51.5 -0.2
Q19K	Cape Douglas, baz=300,SNR=7.1	76.45	30	P	P	05 57 50.9 -1.2
M22K	Willow baz=302,SNR=23	76.48	27	P	P	05 57 51.6 -0.5
WAT1	Susitna Watana baz=304	76.51	25	P	P	05 57 51.6 -0.8
G27K	Doyon Strip baz=308,SNR=18	76.55	20	P	P	05 57 53.5 +0.9
F28M	Old Crow baz=310,SNR=15	76.58	19	P	P	05 57 53.5 +0.9
CAPN	Captain Cook N baz=303,SNR=13	76.58	28	P	P	05 57 53.4 +0.8
ROSF	Rostranen E29M	76.60	318	eP	P	05 57 53.8 +0.7
E29M	Blow River baz=312,SNR=14	76.64	18	P	P	05 57 53.9 +1.0
J25K	Selkirk River baz=306,SNR=9.5	76.66	23	P	P	05 57 52.1 -1.0
QUIF	Quistinik R18K	76.72	317	eP	P	05 57 53.1 -0.6
R18K	Karluk baz=300	76.76	32	P	P	05 57 52.4 -1.3
BORG	Borghes comp=Z,141nm,18.1s,baz=72,slow=38	76.81	337	LR	LR	06 34 27.4
DHY	Denali Highway baz=304,SNR=6.1	76.82	25	P	P	05 57 53.7 -0.5
H27K	Steamboat Moun baz=309,SNR=32	76.95	21	P	P	05 57 56.0 +1.2
HOM	Homer baz=302	76.96	29	P	P	05 57 54.8 -0.1
WAT6	Susitna Watana baz=304,SNR=9.9	76.96	25	P	P	05 57 54.3 -0.7
PMR	Palmer PMR	76.96	27	P	P	05 57 54.7 -0.1
PMR	Palmer baz=303,SNR=32	76.96	27	P	P	05 57 54.7 -0.1
A36M	Sachs Harbour baz=302,SNR=6.4	76.97	12	P	P	05 57 55.1 -0.4
K24K	Donnelly Dome baz=306,SNR=25	76.99	24	P	P	05 57 54.6 -0.4
RC01	Rabbit Creek A baz=303,SNR=13	76.99	27	P	P	05 57 55.0 -0.1
I26K	Coal Creek Min baz=308					

2d 6h

Table with columns: MTE, Manteigas, 83.00 312 eP, P, 05 58 29.4 +1.4, etc. Includes stations like SFJD, N32M, PLBC, etc.

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Table with columns: P52A, Corning, 113.59 359 P, PKIKP, 06 04 41.1 +0.2, etc. Includes stations like ANMO, CCM, 214A, etc.

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Table with columns: WMOK, Wichita Mounta, 5.96 355 Iamb_Lg, 05 49 30.6, etc. Includes stations like W35A, MSTX, etc.

ICD 02 06:04:27.9±0.8, 36°10'N-139.96'E, h0km, mb3.7/11, mbmp3.7/11, Error ellipse: s-maj=24.1km s-min=18.5km az=37.0

JMA 02 06:04:36.1±0.1, 36°11'N-139.8E±0.2, h46km, MV3.6/38, SW IBARAKI PREF

JMA Fell II J1 at SW IBARAKI PREF, ISC 02 06:04:35.5±0.8, 36.09N-139.83E±0.05, h54km±7km, n37, 0.97/38, mb3.6/11, 7D, Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like JYT, TOK, JAG, etc.

NEIC 02 05:46:06.0±1.6, 28.79N-103.98E±1.0W, 0.06, h5km±2km, mb_Lg3.0/67, ML3.0/102, Error ellipse: s-maj=8.4km s-min=5.6km az=83.0, Southern Texas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like 735A, EFO1, 833A, etc.

AFAD 02 06:09:11.1±0.0, 36°24'N-135.74E, h9km±2km, ML2.5, ISK 02 06:09:14.7, 36°43'N-135.78E, h10km, ML2.2/4, ISC 02 06:09:13.6±1.0, 36°34'N-135.83E±0.03, h5km±10km, n10, 0.15/39, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like ASUZ, HAAT, YUREG, etc.

BER 02 06:09:58.7±2.3, 83°36'N-2°22'W, h10km, mb(Pn)3.5,

ML1.7(DNK), Confirmed Earthquake
DNK 02 06:10:03.0.0.3, 83.68N-2.55W, h36km, 71km, M1.7
ISC 02 06:10:02.1.2.8, 83.3N-02.3.39W.0.07, h10km, n1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOR Nord, KBS Kingsbay, KRS Kingsbay, etc.

IDC 02 06:15:50.0.2.0, 12.91S, 45.57E, h0km, mb4.1/4,
mbmp4.0/5, ML3.2/1, MS3.0/1, Error ellipse: s-maj=61.5km
s-min=24.7km az=163.0

NEIC 02 06:15:55.6.1.9, 13.28S, 0.09, 45.42E, 0.08, h10km, 2km,
mb4.3/6, Error ellipse: s-maj=16.8km s-min=12.5km

ISC 02 06:15:53.6.0.8, 13.28S, 0.07, 45.40E, 0.08, h10km, n1.7,
az=222/20, mb4.2/5, Northwest of Madagascar

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

SJA 02 06:17:12.0.1.1, 38.20S, 74.31W, h18km, 17km, MLS.2,
MW4

IDC 02 06:17:16.1.0.5, 38.24S, 73.46W, h0km, mb4.6/14,
mbmp4.7/17, ML4.4/3, MS4.8/4, Error ellipse:
s-maj=21.8km s-min=14.6km az=90.0

MOS 02 06:17:16.8.1.1, 38.13S, 73.54W, h10km, mb5.2/19,
MSS.1/5, Error ellipse: s-maj=12.8km s-min=7.2km
az=82.4

NEIC 02 06:17:18.3, 38.23S, 73.74W, h24km

NEIC 02 06:17:18.3, 38.33S, 73.74W, h24km, Moment Tensor
Solution. Duration: 293 Moment tensor: Scale 10^16Nm;

VAO 02 06:17:19.2.0.4, 38.16S, 73.38W, h10km, mb5.2,
GUC 02 06:17:19.7.0.8, 38.27S, 73.76W, h29km, MLS.2

NEIC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

GUC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

GCMT 02 06:17:21.9.0.2, 38.35S, 0.01, 73.90W, 0.02, h29km,
MW5.3/120, Moment Tensor Solution. s99, c147,
s120, c177; Duration: 191 Moment tensor: Scale 10^17Nm;

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like B105 Corral, LR04 Corral, LR03 Panguipulli, etc.

IDC 02 06:15:50.0.2.0, 12.91S, 45.57E, h0km, mb4.1/4,
mbmp4.0/5, ML3.2/1, MS3.0/1, Error ellipse: s-maj=61.5km
s-min=24.7km az=163.0

NEIC 02 06:15:55.6.1.9, 13.28S, 0.09, 45.42E, 0.08, h10km, 2km,
mb4.3/6, Error ellipse: s-maj=16.8km s-min=12.5km

ISC 02 06:15:53.6.0.8, 13.28S, 0.07, 45.40E, 0.08, h10km, n1.7,
az=222/20, mb4.2/5, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like B105 Corral, LR04 Corral, LR03 Panguipulli, etc.

SJA 02 06:17:12.0.1.1, 38.20S, 74.31W, h18km, 17km, MLS.2,
MW4

IDC 02 06:17:16.1.0.5, 38.24S, 73.46W, h0km, mb4.6/14,
mbmp4.7/17, ML4.4/3, MS4.8/4, Error ellipse:
s-maj=21.8km s-min=14.6km az=90.0

MOS 02 06:17:16.8.1.1, 38.13S, 73.54W, h10km, mb5.2/19,
MSS.1/5, Error ellipse: s-maj=12.8km s-min=7.2km
az=82.4

NEIC 02 06:17:18.3, 38.23S, 73.74W, h24km

NEIC 02 06:17:18.3, 38.33S, 73.74W, h24km, Moment Tensor
Solution. Duration: 293 Moment tensor: Scale 10^16Nm;

VAO 02 06:17:19.2.0.4, 38.16S, 73.38W, h10km, mb5.2,
GUC 02 06:17:19.7.0.8, 38.27S, 73.76W, h29km, MLS.2

NEIC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

GUC 02 06:17:19.9.1.8, 38.27S, 73.76W, h29km, MLS.2

NEIC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLTB Pedras Altas, UNIS Unistada (Bra), CPUP Villa Florida, etc.

IDC 02 06:15:50.0.2.0, 12.91S, 45.57E, h0km, mb4.1/4,
mbmp4.0/5, ML3.2/1, MS3.0/1, Error ellipse: s-maj=61.5km
s-min=24.7km az=163.0

NEIC 02 06:15:55.6.1.9, 13.28S, 0.09, 45.42E, 0.08, h10km, 2km,
mb4.3/6, Error ellipse: s-maj=16.8km s-min=12.5km

ISC 02 06:15:53.6.0.8, 13.28S, 0.07, 45.40E, 0.08, h10km, n1.7,
az=222/20, mb4.2/5, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLTB Pedras Altas, UNIS Unistada (Bra), CPUP Villa Florida, etc.

SJA 02 06:17:12.0.1.1, 38.20S, 74.31W, h18km, 17km, MLS.2,
MW4

IDC 02 06:17:16.1.0.5, 38.24S, 73.46W, h0km, mb4.6/14,
mbmp4.7/17, ML4.4/3, MS4.8/4, Error ellipse:
s-maj=21.8km s-min=14.6km az=90.0

MOS 02 06:17:16.8.1.1, 38.13S, 73.54W, h10km, mb5.2/19,
MSS.1/5, Error ellipse: s-maj=12.8km s-min=7.2km
az=82.4

NEIC 02 06:17:18.3, 38.23S, 73.74W, h24km

NEIC 02 06:17:18.3, 38.33S, 73.74W, h24km, Moment Tensor
Solution. Duration: 293 Moment tensor: Scale 10^16Nm;

VAO 02 06:17:19.2.0.4, 38.16S, 73.38W, h10km, mb5.2,
GUC 02 06:17:19.7.0.8, 38.27S, 73.76W, h29km, MLS.2

NEIC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

GUC 02 06:17:19.9.1.8, 38.27S, 73.76W, h29km, MLS.2

NEIC 02 06:17:19.9.1.8, 38.25S, 0.04, 73.71W, 0.1, h26km, 3km,
mb5.1/58, Ms, 2.0, 4.9/40, Mw5.2/85, Mw5.2/260,
Mw5.1(GUC), Error ellipse: s-maj=10.8km s-min=6.5km
az=92.0, Moment Tensor Solution. Moment tensor: Scale

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

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NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

NEIC 02 06:17:20.3, 38.23S, 73.71W, h29km

2d 6h

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Table of weather forecasts for stations SDV through CCM, including station name, elevation, wind speed, and other meteorological data.

Table of weather forecasts for stations CCM through TOC4, including station name, elevation, wind speed, and other meteorological data.

Table of weather forecasts for stations TOB5 through MESA, including station name, elevation, wind speed, and other meteorological data.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like N30M, E25K, I28M, etc.

ISK 02 06:47:46.7, 39°16'N, 25°99'E, h9km, ML3.1/11
AFAD 02 06:47:46.7, 39°16'N, 25°99'E, h6km, ML2.7/7, Error
ATH 02 06:47:47.3, 39°16'N, 25°99'E, h14km, ML2.6/12, Error

CHOS Chios island 1.20 177 P S
CHOS Chios island 1.20 177 P S
CHOS Chios island 1.20 177 P S

DJA 02 07:26:53.9, 0.2, 6°S, 3°13'0"E, h206km, 5km, M4.5/16,
ISC 02 07:26:53.1, 3.16, 0.02S, 0.08E, h200km, n21,
n15, n44/49S, Aegean Sea

Main station list table (left side) with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOCA, BOZC, EZNE, etc.

Main station list table (middle) with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BALLY, KRBB, ALN, etc.

Main station list table (right side) with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BNDI, SAUI, FAKI, etc.

NEIC 02 06:52:27.1, 1.5, 53°1N, 0.1x167.3W, 0.2, h70km, 1.1km,
mb3.5/14, ML3.2(AEIC), Error ellipse: s-maj=23.1km,
s-min=4.3km az=143.0

AEIC 02 06:52:26.3, 1.6, 52.97N, 0.07x167.72W, 0.07, h51km, 8km,
Error ellipse: s-maj=11.3km s-min=2.3km az=150.0, Fox Islands

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

Table with columns: WRA, ASAR, SONM, Station Name, Time, Res, Pn, 08 09 38.7 -0.5, 08 10 19.6 +0.2, 08 15 07.8 -0.1

NOU 02 08:06:17.5, 10:07S:167.38E, h161km, mb4.6/23, Santa Cruz Islands
IDC 02 08:06:32.0, 2.1, 11.73S:166.75E, h186km, 23km, mb3.9/14, mbtmp4.4/14, Error ellipse: s-maj=22.0km s-min=13.8km az=118.0

NEIC 02 08:06:36.6, 1.4, 11.71S:0.10:166.7E:0.2, h221km, 6km, mb4.4/59, Error ellipse: s-maj=23.5km s-min=14.1km az=87.0

ISC 02 08:06:34.1, 0.4, 11.73S:0.05:166.60E:0.09, h200km, h375, s1903/379, mb4.3/10, 1C-1D, Santa Cruz Islands

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

Table with columns: ARMA, TOZ, KARZ, OMRZ, UTU, HLRZ, HSRZ, URZ, TWGZ, MWZ, RTZ, MRHZ, SNGZ, RIGZ, MRZ, MRNZ, TUWZ, SNZ0, SNZ1, THZ, MSWZ, STKA

Table with columns: PLWZ, KHZ, LTZ, WB0, WB2, WRA, WRA, WRA, WRA, RPZ, LCRK, MQZ, LBZ, AS01, AS31, ASAR, ASAR, ASAR, HTT, BBOO, MULO, JGF, JGF, JMN, MJAR, MAJO, MAJO, JNU, JNU, JSD, JSD, JTM, JKA, KSR5, USRK, PEAO, PETK, PETK, VYDA, BNX, BNX, HEH, HEH, KMI, KMI, SDPT, HHC, HHC, HHC, CMAR, CMAR

Table with columns: S14K, PZH, PZH, CHIR, M11K, SII, O15K, N14K, LZH, LZH, LZH, R18K, OHAK, Q16K, M14K, N15K, O16K, P17K, M15K, L14K, K13K, KDAA, O17K, N16K, P18K, L15K, Q19K, M16K, N17K, Q20K, O18K, J14K, K15K, L16K, N18K, P19K, O19K, M17K, QSPA, QSPA

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Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

Table with columns: F17K, M23K, G18K, G18K, CHUM, SCM, SCM, SCM, I20K, KTH, KTH, H19K, H19K, E17K, TRF, TRF, TRF, KLU, KLU, F18K, WAT1, BMRM, WAT6, G19K, G19K, BPWA, H20K, D17K, M24K, M24K, M24K, C16K, WAX, WAX, E18K, N25K, MCK, MESA, RDOC, RDOC, RDOC, DHY, F19K, VRDI, VRDI, ISLE, ISLE, I21K, I21K, I21K, HARP, C17K, H21K, H21K, MCARA, MLY, PAX, E19K, E19K, E19K, F20K, PNL, CTG, WRH, WRH, G21K, C18K, C18K, H22K, H22K, I23K, I23K, I23K, SIT, SIT, CCB, S31K, K24K, M26K, O28M, HDA, HDA, D19K, D19K, D19K, L26K, B18K, H23K, H23K, P29M, F21K, ILAR, ILAR, SC12, M27K

M27K	comp=Z,8,8nm,1.4s	I Amb	I Amb	08 18 45.3					
M27K	Edge Creek, AK	83.94	22	P	P	08 18 40.5	-1.0		
POKR	Poker Flat Res	83.97	18	P	P	08 18 40.6	-0.9		
U33K	Whale Pass	83.99	29	P	P	08 18 40.8	-0.9		
YU8K	Steele Glacier	84.05	23	P	P	08 18 41.3	-1.0		
C19K	Lookout Ridge	84.06	12	P	P	08 18 44.2	-0.1		
C19K	comp=Z,6,1nm,0.8s	I Amb	I Amb	08 18 43.4					
C19K	Lookout Ridge	84.06	12	P	P	08 18 41.5	-0.4		
E20K	Nigu River	84.08	13	P	P	08 18 41.8	-0.2		
YU3K	Moose Creek	84.09	22	P	P	08 18 41.5	-0.9		
G22K	Bettles	84.16	15	P	P	08 18 42.8	+0.5		
J25K	Saicha River	84.25	19	P	P	08 18 42.4	-0.6		
SCRK	Sand Creek	84.27	20	P	P	08 18 42.7	-0.5		
V35K	Ketchikan	84.33	30	P	P	08 18 42.6	-0.8		
D20K	Etiwut River	84.35	13	P	P	08 18 43.4	0.0		
H24K	Noodor Dome	84.35	17	P	P	08 18 43.3	-0.1		
ARVC	Arvin	84.38	53	P	P	08 18 43.3	-1.0		
G23K	Bananza Creek	84.39	16	P	P	08 18 44.2	+0.6		
G23K	comp=Z,6,9nm,1.4s	I Amb	I Amb	08 18 45.2					
G23K	Bananza Creek	84.39	16	P	P	08 18 43.9	+0.3		
YU6K	Outpost Mounta	84.39	24	P	P	08 18 43.7	-0.3		
L27K	Beaver Creek	84.41	21	P	P	08 18 43.1	-0.7		
L27K	Beaver Creek	84.41	21	P	P	08 18 43.9	+0.1		
BCAR	Beaver Creek A	84.42	21	P	P	08 18 43.6	-0.3		
F20K	John River	84.43	15	P	P	08 18 44.3	+0.5		
P32K	Million Dollar	84.48	25	P	P	08 18 44.5	+0.3		
R32K	Eaglecrest	84.49	27	P	P	08 18 44.1	-0.1		
WRAK	Wrangell Island	84.52	29	P	P	08 18 44.1	-0.3		
YU4K	Talbot Arm	84.52	23	P	P	08 18 44.4	-0.1		
HYT	Haines Junction	84.66	24	P	P	08 18 44.7	-0.5		
E1K1	Killik River	84.72	14	P	P	08 18 45.5	+0.3		
COLD	Baldfoot	84.73	16	P	P	08 18 45.3	+0.1		
J26L	Joseph Creek	84.76	19	P	P	08 18 45.9	+0.3		
PRP	Porcupine Dome	84.83	18	P	P	08 18 45.8	-0.2		
K27K	Chicken	84.94	20	P	P	08 18 46.8	+0.4		
EDW2	Edwards Air Fo	84.95	53	P	P	08 18 46.2	-1.0		
E22K	Anaktuvuk Pass	85.00	14	P	P	08 18 46.6	-0.1		
G24K	Hadweenic Riv	85.08	17	P	P	08 18 47.1	0.0		
C21K	Knifeflade Rid	85.11	13	P	P	08 18 47.7	+0.6		
N30M	Aishikik Lake	85.19	24	P	P	08 18 46.8	-0.9		
O30N	Mendenhall	85.20	24	P	P	08 18 47.2	-0.6		
M29M	Somme Creek	85.25	22	P	P	08 18 47.9	-0.2		
H20L	Birch Creek	85.25	17	P	P	08 18 47.9	+0.1		
B25K	Meade River	85.30	12	P	P	08 18 48.8	+0.9		
D22K	Ayikyak River	85.36	14	P	P	08 18 49.0	+0.6		
I26K	Coal Creek Min	85.42	19	P	P	08 18 49.5	+0.8		
E23K	Chandalar	85.49	15	P	P	08 18 49.8	+0.6		
B21K	Ikpikpak River	85.51	13	P	P	08 18 49.5	+0.5		
G25K	Bearman Lake	85.52	17	P	P	08 18 49.6	+0.5		
F24K	Squaw Lake	85.55	16	P	P	08 18 49.7	+0.3		
WHY	Whitehorse	85.63	25	P	P	08 18 50.3	+0.3		
MPMC	Manual Prospec	85.71	52	P	P	08 18 50.2	-0.9		
EGAK	Eagle	85.73	20	P	P	08 18 50.2	0.0		
N31M	Braeburn, Yuko	85.73	24	P	P	08 18 50.9	+0.6		
L29M	L29M	85.77	22	P	P	08 18 50.2	-0.3		
E24K	Your Creek	85.80	15	P	P	08 18 50.9	+0.3		
T35M	Bob Quinn	85.80	29	P	P	08 18 50.3	-0.5		
NVAR	Mina Array Bea	85.82	50	P	P	08 18 51.0	-0.6		
S34M	Telegraph Cree	85.84	28	P	P	08 18 50.7	-0.2		
DAWY	Dawson	85.89	21	P	P	08 18 51.0	-0.1		
D23K	Nanauk River	85.90	14	P	P	08 18 51.1	+0.1		
TOLK	Toolik Lake Re	85.93	15	P	P	08 18 51.7	+0.4		
M30M	Minto, Yukon	85.95	23	P	P	08 18 51.3	-0.1		
GSC	Goldstone, Bar	86.01	53	P	P	08 18 51.3	-1.2		
GRAC	Grapevine Rang	86.08	51	P	P	08 18 51.2	-1.5		
I27K	Kandik River	86.10	19	P	P	08 18 52.0	-0.1		
F25K	Christian River	86.22	17	P	P	08 18 52.1	-0.5		
HEC	Hector Ludlow	86.24	53	P	P	08 18 52.4	-1.2		
BELC	Belle Mtn. Jos	86.27	54	P	P	08 18 52.5	-1.3		
FURC	Furna Creek,	86.31	52	P	P	08 18 52.5	-1.2		
G26K	Porcupine River	86.32	17	P	P	08 18 52.8	-0.2		
B22K	Teshelkup Lake	86.33	13	P	P	08 18 53.4	+0.4		
K29M	Barlow Dome	86.42	22	P	P	08 18 53.3	-0.5		
A21K	Barrow	86.47	11	P	P	08 18 53.7	0.0		
D24K	Happy Valley	86.49	15	P	P	08 18 55.1	+1.2		
H27K	Steamboat Moun	86.53	19	P	P	08 18 54.7	+0.5		
A22K	Sinclair Lake	86.53	12	P	P	08 18 54.7	+0.7		
I28M	Miner Creek	86.55	20	P	P	08 18 54.0	0.0		
C23K	Iklikik River	86.57	14	P	P	08 18 54.1	-0.2		
SHOC	Shoshone, Teco	86.60	52	P	P	08 18 55.5	+0.3		
BC3	Big Chuckwall	86.61	55	P	P	08 18 55.3	-0.1		
E25K	Arctic Village	86.61	16	P	P	08 18 54.9	+0.4		
DLBC	Dease Lake	86.61	28	P	P	08 18 54.5	-0.2		
R33M	Jennings River	86.65	27	P	P	08 18 54.9	-0.2		
F26K	Sheenjek River	86.71	17	P	P	08 18 55.5	+0.5		
TUQ	Turquoise Moun	86.74	53	P	P	08 18 55.0	-1.0		

GMRC	Granite Mounta	86.76	54	P	P	08 18 55.3	-0.8		
G27K	Doyon Strip	86.86	18	P	P	08 18 55.9	+0.1		
C24K	Franklin Bluff	86.94	14	P	P	08 18 56.0	0.0		
IRM	Iron Mountain	86.99	54	P	P	08 18 55.8	-1.3		
I29M	Ogilvie Camp,	87.04	20	P	P	08 18 57.3	+0.6		
FARO	Faro, Yukon	87.10	24	P	P	08 18 58.2	+1.1		
D25K	Kay River	87.23	15	P	P	08 18 58.1	+0.6		
I30M	Mount Dempster	87.62	21	P	P	08 19 00.1	+0.5		
E27K	Coleen River	87.76	17	P	I Amb	08 19 00.6	+0.5		
E27K	comp=Z,3,5nm,0.9s	87.76	17	P	P	08 19 02.1			
R11B	Troy Canyon, C	87.83	50	P	P	08 19 01.0	-0.2		
F28M	Old Crow	87.91	18	P	P	08 19 01.1	+0.4		
C26K	Camden Bay	88.01	15	P	P	08 19 02.6	+1.6		
G29M	Pine Creek	88.06	19	P	P	08 19 02.8	+1.4		
C27K	Jago River	88.12	15	P	P	08 19 02.9	+1.3		
EPYK	Eagle Plains	88.16	20	P	P	08 19 03.2	+1.2		
D27M	Malcolm River	88.61	16	P	P	08 19 05.3	+1.3		
E28M	Babbage River	88.62	17	P	P	08 19 04.8	+0.7		
H31M	Peel River	88.65	21	P	P	08 19 04.9	+0.6		
G30M	Aach Zrail Nji	88.68	19	P	P	08 19 04.5	+0.1		
TGNT	Hyland Airport	88.84	26	P	P	08 19 05.7	+0.4		
E29M	Blow River	88.97	18	P	P	08 19 05.7	+0.1		
TOAD	Toad River Com	89.04	29	P	P	08 19 06.2	0.0		
F30M	Barrier River	89.17	19	P	P	08 19 06.5	-0.1		
G31M	Satah River	89.28	20	P	P	08 19 07.3	+0.2		
D28M	Stokes Point	89.29	17	P	P	08 19 08.7	+1.6		
NEW	Newport	89.71	40	P	P	08 19 10.6	+1.0		
F31M	Tsigehtich	89.74	19	P	P	08 19 10.6	+1.4		
U15A	North Rim	89.84	53	P	P	08 19 10.8	-1.1		
TUC	Tucson	90.05	57	P	P	08 19 11.9	+0.3		
HLID	Hailey	90.15	46	P	P	08 19 12.2	+0.2		
121A	Cookes Peak, D	92.57	57	P	P	08 19 22.4	-1.0		
MKAR	Makanchi Array	94.59	317	P	P	08 19 32.1	-0.1		
MKAR	Makanchi Array	94.59	317	P	P	08 19 32.2	0.0		
ZALV	Zalesovo Beam	94.60	324	P	P	08 19 31.6	-0.4		
YKA	Yellowknife Ar	95.19	27	P	P	08 19 32.8	-1.7		
YKA	Yellowknife Ar	95.19	27	P	P	08 19 32.4	-2.1		
ARCES	ARCES Array B	117.20	346	PKP	PKPdf	08 24 54.0	-0.9		
LPZ	La Paz	119.13	116	PKP	PKPdf	08 24 59.9	-1.0		
FINES	FINES Array B	122.71	339	PKP	PKPdf	08 25 05.0	-0.7		
BOSA	Boshof	125.19	222	PKP	PKPdf	08 25 11.5	-0.2		
NB2	NORSAR Subarray	127.58	345	PKP	PKPdf	08 25 14.6	-0.5		
NOA	NORSAR Array B	127.58	345	PKP	PKPdf	08 25 14.2	-0.9		
HFS	Hagfors	127.68	343	PKP	PKPdf	08 25 13.2	-2.1		
BRTR	BREIT Array B	130.04	313	PKP	PKPdf	08 25 19.9	-0.7		
GERES	GERES Array B	136.69	334	PKP	PKPdf	08 25 33.2	+0.4		
RAFF	Raffo Rosso	144.44	320	PKPbc	PKPbc	08 25 46.5	+0.5		
VSL	Villasalto	145.76	328	PKPbc	PKPbc	08 25			

2d 8h

2018 JUN

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like UCHtor, Karasay, Erkin-Say, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like DGS Degeres, KDJ Kajisy, MTBS Maitube, etc.

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

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like YAK, PRU, SOKA, BRG, FAUS, MOA, GEC2, GERES, KHC, CLL, KONS, NB2, NOA, CUC, BJO1, MOX, KRSR, GRF, WTTA, IPM, SQT, MOTA, RETA, FETA, VAE, GSI, DAVA, SPA0, SPITS, SPITS, DAVOX, KBS, PPSI, CDF, HINF, HAU, LPU, LPL, GIVF, PDSI, KEST, VIVF, AVF, JMJC, EKA, LDF, NOR, NOR.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like MJAR, SEY, PPBI, KIBK, DAG, EPF, DBG, BORG, ESDC, PETK, SKR, NEEM, SUMG, MDT, OPO, A19K, A21K, DY2G, C17K, B18K, C17K, A22K, B20K, RDOG, C18K, C19K, D17K, GAMB, VOI, TNA, B22K, B22K, RES, B21K, B21K, F14K, D19K, E17K, D20K, E18K, C21K, F15K, TORD, C23K, E20K, F17K, F17K, ANM, D22K, E21K, E19K, G15K, G14K, F18K, G16K, D23K, F19K, D24K, C26K, G17K, F20K, E22K, TOLK, H16K, D25K, D25K, G18K, C27K, F21K, A36M, F22K, H17K, E24K, H18K, G21K, H19K, G22K.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like J14K, I17K, D27M, D27M, COLD, E25K, K13K, F24K, D28M, H20K, G23K, J16K, J16K, F16K, F25K, H21K, E28M, F26K, J17K, E27K, E27K, H22K, K15K, I20K, G24K, E29M, G25K, L14K, I21K, H23K, J19K, L15K, J18K, G26K, K17K, F28M, H24K, MLY, H25L, M13K, I23K, C36M, INK, M14K, L16K, L16K, L17K, G27K, K20K, CHUM, F30M, POKR, M15K, BPAW, L18K, PRP, NEA2, COLA, COLA, G29M, H27K, N14K, M16K, CAST, F31M, G30M, ILAR, ILAR, M17K, L19K, N15K, L20K, HDA, I26K, PPLA, TRF, G31M, I27K, H29M, H29M, N16K, MCK.

Table with columns: ID, Name, Az, El, AzEl, P, S, M, L, R, T, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include stations like M18K Stony River, J25K Salcha River, EPYK Eagle Plains, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, M, L, R, T, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include stations like M31M Drury Creek, YUK4 Talbot Arm, FARO Faro, Yuko, etc.

IDC 02 08:49:07.3-0.9, 14.525x173.92W, h0km, mb3.8/9, mbmt3.8/9, MS3.9/22, Error ellipse: s-maj=42.5km s-min=21.4km az=140.0

GCMT 02 08:49:15.0-0.4, 14.88S, 0:03:173.20W, h16km, 2km, MV4.9/76, Moment Tensor Solution, s-c9; s7c.c94; Duration: 0 Moment tensor: Scale 10^18Nm; Mw 0.17; 0/7; M1 1.38; 10; M2 1.21; 0/8; M3 0.79; 2.9; M4 1.05; 0/7; M5 1.68; 39; Best double couple: M2 4.9900; 1016; NP1 = 207.0000; 887.0000; 1 - 132.0000; NP2: 651.14.0000; 342.0000; 1 - 4.0000; Principal axes: T 2.5080, Plg3.0000; Azm330.0000; N -0.0190, Plg4.0000; Azm209.0000; P -2.4910, Plg34.0000; Azm82.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-ratio function

ISDC 02 08:49:12.9-0.9, 14.55-0.2-173.9W, h35km, n35, c1940.9, mb3.79, MS4.0/21, Samoa Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like RAR Rarotonga, DZM Mont Dzumac, PPT Papeete, URZ Urewera, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, M, L, R, T, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include stations like ASAR Alice Springs, ASAR 4.7nm, 0.7s, bazz=87, slow=8.0, SNR=88, etc.

IDC 02 09:12:45.7-0.7, 18.65N, 145.68E, h214km, 5km, mb3.9/24, mbmt4.5/29, Error ellipse: s-maj=14.3km s-min=6.8km az=87.0

NEIC 02 09:12:45.8-1.1, 18.67N, 0:07:145.6E, h201km, 7km, mb4.6/293, Error ellipse: s-maj=17.6km s-min=9.9km az=88.0

DJA 02 09:12:46.1-0.6, 19.1N, 5:14.6E, h212km, 7km, M4.9/22, mb5.5/3, mb4.9/22, MLV5.0/1, Mw(m)5.0/3

ISC 02 09:12:45.2-0.3, 18.64N, 0:04:145.70E, h200km, mb25.0/85/524, mb4.6/177.1C, Mariana Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like GUMO Guam, JCJ Chichijima, JCHJ Chichinao, etc.

2d 9h

2018 JUN

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like EDFI Ende, Flores; SBUM MTSU Mount Surprise; HHC Hu-ho-hao-te; CTAO Charters Tower; KSM Kuching; QIS Mount Isa; WB0 Warramunga Arr; WR0 Warramunga Arr; WRAB Tennant Creek; WRB2 Warramunga Arr; WRA Warramunga Arr; WRA Warramunga Arr; WRA Warramunga Arr; LZH Lanzhou; PZH Panzhihua; RD1K Rockhampton Ha; GD1S Gladstone Soft; PWJ1 Pagerwojo; KOUNC Koumac, New C; KOUNC Koumac; SOMN Songlun Array; AS01 Alice Springs; AS31 Alice Springs; ASAR Alice Springs; ASAR Koumac; EIDS Eidsvold; CMAR Chiang Mai Arr; SEY Seymchan; LIFOP LIFOP; QLP Qulpie; DZM Mont Dzumac; YATNC Miamic Plateau; ONTNC Ouen Toro; OUENC Ouen Island, N; OUENC Ouen Island, N; INKA Innaminka; WRKA Warakamba; MBWA Marble Bar; OOD Oodnadatta; PSA00 Pilbara Seismi; AULRC Lightning Ridg; NIKH Nikolski High; ARMA Armidale; LCRK Leigh Creek; MULG Mtugathing; GSI Gunungstifoli; STKA Stephens Creek; STKA Stephens Creek; SPIA Saint Paul Isl; P08K Saint George I; UNV Unalaska Valle; BILL Bilibino; GIRL Giralia; FORT Forrest; BBOO Buckleboo; MEEK Meekatharra; FALS False Pass; GAMB Gambila; CAN Canberra; S12K Black Hills; M11K Mekoryuk; SDPT Sand Point; SDPT Sand Point; SDPT Sand Point; CHNA Chernabura Isl; M13K Dali Lake; K13K Kusilvak Mount; ARPS Mount Arapiles; S14K Fog Glacier; MORW Morawa; MORW Morawa; O14K Tigiyukauivet M; N14K Kuskokwak Cree; L14K Kuka Creek; M14K Bethel; TNA Tin City; J14K Narvaranak Lak; J14K Narvaranak Rk; O15K Ungalikthiuk R; AN1M Nome; ANM Nome; ANM Nome; BLDU Ballidu; F14K Arctic Creek; M15K Kasigulik River; L15K Ungalak Mounta; N15K Kwethluk River; KLBW Kellerberrin; K15K Wolf Creek Mou

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like K15K Wolf Creek Mou; R16K Pilot Point; G15K Niutak; P16K Nushagak River; F15K North Star Dit; F15K North Star Dit; N16K Nishlik Lake; O16K Kokwok River B; CHIR Chirikof Islan; CHIR Chirikof Islan; M16K Timber Creek; M16K Timber Creek; L16K Ohwah River; L16K Ohwah River; J16K Elm; J16K Anvik River; J16K Anvik River; Q16K King Salmon; MUN Munding; I17K Unalakleet; I17K Unalakleet; O17K Koliganek Bris; G16K Koyuk River; P17K Kvichak River; N17K Nusagak Hills; L17K Donlin; NWA0 Narrogin (SR0); ZAA0 Zalesovo Array; ZALV Zalesovo Beam; M17K Holitna River; M17K Holitna River; J17K VABM Dome; J17K VABM Dome; C16K Lisburne Hills; C16K Lisburne Hills; K17K Iditarod; SII Sitkinak Islan; SII Sitkinak Islan; R18K Karluk; G17K Kiwiak Mouta; H17K Granite Mouta; H17K Granite Mouta; MK31 Makanchi Array; MKAR Makanchi Arr; MKAR Makanchi Arr; MKAR Makanchi Arr; P18K Big Mountain; P18K Big Mountain; N18K Kilae Creek; N18K Kilae Creek; D17K Noatak River; O18K Koktuh Hills; F17K Baldwin Pennin; F17K Baldwin Pennin; MAK2 Makanchi; L18K Granite Mouta; L18K Granite Mouta; E17K Hotham Inlet; RDOG Red Dog Mine; RDOG Red Dog Mine; M18K Stoney River; OHAK Old Harbor; OHAK Old Harbor; C17K Delong Mountai; Q19K Cape Douglas; Q19K Cape Douglas; H18K Honhosa River; H18K Honhosa River; O19K Port Alsworth; J18K Innoko River; J18K Innoko River; N19K Bonanza Creek; F18K Selawik; E18K Tukpahleark C; E18K Tukpahleark C; G18K Tagagawik; G18K Tagagawik; KDAK Kodiak Island; KDAK Kodiak Island; L19K White Mountain; L19K White Mountain; P19K Oil Pt; M19K Big River Lodg; Q20K Shuyak Island; C18K Utukok River; C18K Utukok River; J19K Poorman; J19K Poorman

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like B18K Kokolik River; RSO Redoubt South; G19K Purcell Mounta; G19K Purcell Mounta; H19K Roundabout Mou; H19K Roundabout Mou; H19K Roundabout Mou; L20K Farewell, AK; F19K Shalerwick Mo; M20K Styx River; K20K Telida; K20K Telida; HOM Homer; C19K Lookout Ridge; N20K Mount Spurr; J20K Nowinta River; J20K Nowinta River; J20K Kuna River; A19K Wainwright; E19K Redstone River; E19K Redstone River; I20K Naaghedeneel; I20K Naaghedeneel; H20K Anotenesga Mo; D19K Kuna River; D19K Kuna River; D19K Kuna River; BRLL Bradley Lake; BRSE Bradley Lake S; F20K Avarart Lake; F20K Avarart Lake; PPLA Purkepyile; SKT Skwentna; SKT Skwentna; CAST Castle Rocks; CHUM Laklakhumin; E20K Nigu River; SUA Susitna One; SUA Susitna One; SUA Susitna One; D20K Etivik; KURBB Kurchatov Arr; KURBB Kurchatov Arr; O22K Cooper Landing; SEW Sewatna; H21K Melozitna River; H21K Melozitna River; G21K Allakaket; G21K Allakaket; M22K Willow; RC01 Rabbit Creek A; B20K Mesado River; I21K Tanana; I21K Tanana; F21K Alatina River; BPWA Bear Paw Mtn; TRF Thorofore Moun; TRF Thorofore Moun; PMR Palmer; PMR Palmer; PMR Palmer; C21K Knifeblade Rid; H21K Kilik River; E22K Ishlaltina Cre; MLY Manley; MLY Manley; B21K Ikipkuk River; B21K Ikipkuk River; A21K Barrow; F22K John River; SML Sawmill; G22K Bettles; P23K Montague Islan; RND Reindeer; WAT1 Susitna Watana; MCK McKinley; D22K Ayikyak River; D22K Ayikyak River; E22K Anaktuvuk Pass; E22K Anaktuvuk Pass; M23K Glacier View; A22K Sinclair Lake; NEA2 Nenana; NEA2 Nenana; I23K Minto, Yukon-K

GLI	Glacier Island	62.82	30	P	P	09 22 49.3	0.0
WAT6	Susitna Watana	62.86	29	P	P	09 22 49.5	-0.2
H23K	Yukon River	62.87	25	I	I	09 22 51.2	
H23K	Yukon River	62.87	25	P	P	09 22 50.0	+0.4
SCM	Sheep Creek Mo	62.89	29	P	P	09 22 50.1	+0.2
G23K	Bananza Creek	62.93	24	P	P	09 22 50.9	+0.9
B22K	Teshhepuk Lake	62.93	19	I	I	09 22 51.0	
B22K	Teshhepuk Lake	62.93	19	P	P	09 22 49.9	+0.1
Q23K	Middleton Isla	62.94	32	P	P	09 22 49.4	-0.6
COLD	Coldfoot	63.01	23	P	P	09 22 51.1	+0.6
WRH	Wood River Hill	63.12	26	I	I	09 22 51.5	
DHY	Denali Highway	63.12	28	I	I	09 22 55.6	
DHY	Denali Highway	63.12	28	P	P	09 22 51.8	+0.4
MDM	Murphy Dome	63.18	26	I	I	09 22 53.0	
CCB	Clear Creek Bu	63.28	26	I	I	09 22 52.5	
COLA	College	63.32	26	P	P	09 22 52.2	-0.3
COLA	College	63.32	26	P	P	09 22 51.9	-0.7
COLA	College	63.32	26	I	I	09 22 54.9	
COLA	College	63.32	26	P	P	09 22 52.8	+0.3
D23K	Nanusuk River	63.36	21	P	P	09 22 53.9	+1.1
EYAK	Cordova Ski Ar	63.41	31	P	P	09 22 53.7	+0.5
M24K	Tolsona, Glenn	63.48	29	P	P	09 22 55.2	+1.4
M24K	Tolsona, Glenn	63.48	29	P	P	09 22 54.2	+0.5
KLU	Klutina	63.49	30	I	I	09 22 55.2	
KLU	Klutina	63.49	30	P	P	09 22 54.3	+0.5
H24K	Noodor Dome	63.53	25	I	I	09 22 55.3	
H24K	Noodor Dome	63.53	25	P	P	09 22 54.6	+0.6
POKR	Poker Plat Res	63.55	26	P	P	09 22 54.0	0.0
HDA	Harding Lake	63.59	27	I	I	09 22 54.1	
HDA	Harding Lake	63.59	27	P	P	09 22 53.2	-1.1
TOLK	Toolik Lake Re	63.65	22	I	I	09 22 56.3	
TOLK	Toolik Lake Re	63.65	22	P	P	09 22 55.5	+0.9
C23K	Ikilik River	63.66	20	P	P	09 22 55.5	+0.8
IL31	IL31	63.70	26	I	I	09 22 54.7	
ILAR	Eielson Array	63.70	26	P	P	09 22 54.0	-1.0
ILAR	Eielson Array	63.70	26	P	P	09 22 53.8	-1.3
E24K	Your Creek	63.88	22	I	I	09 22 57.9	
E24K	Your Creek	63.88	22	P	P	09 22 56.9	+0.7
G24K	Hadweenzic Riv	63.90	24	I	I	09 22 58.0	
G24K	Hadweenzic Riv	63.90	24	P	P	09 22 56.8	+0.5
RAGM	Ragged Mountai	63.92	31	I	I	09 22 57.7	
F24K	Squaw Lake	63.95	23	I	I	09 22 58.5	
F24K	Squaw Lake	63.95	23	P	P	09 22 57.3	+0.7
PAX	Paxson	63.96	28	P	P	09 22 56.9	0.0
K24K	Donnelly Dome	63.97	27	P	P	09 22 57.1	+0.2
KAIM	Kayak Island	63.98	32	P	P	09 22 57.2	+0.3
HARP	HAARP	64.00	29	P	P	09 22 57.4	+0.4
BMRM	Bremner River	64.03	31	P	P	09 22 57.7	+0.4
D24K	Happy Valley	64.05	21	P	P	09 22 58.0	+0.7
RTZ	Ruatahuna	64.07	153	P	P	09 22 57.1	-0.7
N25K	Chitina, Valde	64.13	30	I	I	09 22 59.2	
N25K	Chitina, Valde	64.13	30	P	P	09 22 58.6	+0.6
C24K	Franklin Bluff	64.26	21	P	P	09 22 58.8	+0.2
J25K	Salcha River	64.30	27	I	I	09 22 58.7	
J25K	Salcha River	64.30	27	P	P	09 22 57.9	-1.1
PRP	Porcupine Dome	64.42	26	P	P	09 22 59.5	-0.4
G25K	Bearman Lake	64.45	24	P	P	09 22 59.6	-0.2
H25L	Birch Creek	64.45	25	P	P	09 23 00.3	+0.4
GLB	Gilahinautte	64.48	30	I	I	09 23 01.8	
BGLC	Bering Glacier	64.57	32	P	P	09 23 01.2	+0.5
VRDI	Verde Repeater	64.62	30	I	I	09 23 02.5	
FYU	Fort Yukon	64.74	24	I	I	09 23 04.2	
SCRK	Sand Creek	64.79	27	I	I	09 23 03.1	
SCRK	Sand Creek	64.79	27	P	P	09 23 01.8	-0.4
F25K	Christian River	64.80	23	P	P	09 23 03.1	+0.9
MCARA	McCarthy VSAT	64.85	30	P	P	09 23 03.0	+0.4
L26K	Log Cabin Wild	64.92	28	I	I	09 23 04.3	
L26K	Log Cabin Wild	64.92	28	P	P	09 23 03.6	+0.5
D25K	Kavik River	64.94	21	I	I	09 23 04.6	
D25K	Kavik River	64.94	21	P	P	09 23 03.7	+0.7
E25K	Arctic Village	64.95	23	I	I	09 23 05.1	
E25K	Arctic Village	64.95	23	P	P	09 23 04.2	+1.1
M26K	Nabesna, AK	65.00	29	P	P	09 23 03.5	-0.1
J26L	Joseph Creek	65.05	27	I	I	09 23 04.6	
J26L	Joseph Creek	65.05	27	P	P	09 23 03.8	-0.1
ISLE	Juniper Island	65.09	31	I	I	09 23 05.5	
BMAR	Burnt Mountain	65.17	24	P	P	09 23 05.8	+1.3
MESA	MESA	65.24	32	P	P	09 23 06.1	+0.8
I26K	Coal Creek Min	65.35	26	P	P	09 23 05.1	-0.6
G26K	Porcupine Rive	65.38	24	P	P	09 23 06.6	+0.8
F26K	Sheenjek River	65.51	29	P	P	09 23 06.8	+0.9
M27K	Edge Creek, AK	65.51	29	P	P	09 23 07.2	+0.3
C26K	Camden Bay	65.58	21	P	P	09 23 08.3	+1.2
L27K	Beaver Creek	65.61	28	I	I	09 23 08.7	
L27K	Beaver Creek	65.61	28	P	P	09 23 07.7	+0.2
CTG	Chitna Glacier	65.61	31	P	P	09 23 08.1	+0.5

K27K	Chicken	65.63	27	P	P	09 23 08.1	+0.6
BCAR	Beaver Creek A	65.63	28	P	P	09 23 08.0	+0.4
LOGN	Logan River	65.77	31	I	I	09 23 10.2	
C27K	Jago River	65.92	21	P	P	09 23 09.9	+0.6
I27K	Kandik River	66.03	26	P	P	09 23 09.9	-0.3
YUK3	Moose Creek	66.11	30	P	P	09 23 11.1	+0.2
EGAK	Eagle	66.12	27	P	P	09 23 11.2	+0.6
H27K	Steamboat Moun	66.16	25	P	P	09 23 11.6	+0.7
O28M	Mount Upton	66.16	31	P	P	09 23 11.8	+0.5
G27K	Doyon Strip	66.19	24	P	P	09 23 11.6	+0.5
RPZ	Rata Peaks	66.27	160	P	P	09 23 10.1	-1.6
YUK8	Steele Glacier	66.40	31	P	P	09 23 13.6	+0.8
E27K	Coleen River	66.42	23	P	P	09 23 13.0	+0.5
PNL	Peninsula	66.48	32	P	P	09 23 13.5	+0.4
BVAR	Borovoye Array	66.52	320	P	P	09 23 11.9	-1.5
BVAR	Borovoye Array	66.52	320	P	P	09 24 01.3	+2.4
BRVK	Borovoye	66.58	320	P	P	09 23 13.3	-0.4
I28M	Miner Creek	66.71	26	P	P	09 23 14.7	+0.2
DCZ	Deep Cove	66.72	164	P	P	09 23 13.8	-0.7
DCZ	Deep Cove	66.72	164	I	I	09 23 14.3	
MOZ	McQueen's V.3s	66.79	159	P	P	09 23 14.9	-0.1
DAWY	Dawson	66.80	28	I	I	09 23 16.4	
DAWY	Dawson	66.80	28	P	P	09 23 15.7	+0.6
D27M	Malcolm River	66.81	22	P	P	09 23 15.8	+0.8
O29M	Mount Kennedy	66.93	32	I	I	09 23 18.2	
O29M	Mount Kennedy	66.93	32	P	P	09 23 16.9	+0.9
YUK4	Talbot Arm	66.95	30	I	I	09 23 17.6	+1.4
F28M	Old Crow	66.99	24	P	P	09 23 17.6	
F28M	Old Crow	66.99	24	P	P	09 23 16.8	+0.7
YUK6	Outpost Mounta	67.06	31	P	P	09 23 18.1	+1.1
M29M	Somme Creek	67.10	29	I	I	09 23 18.9	
M29M	Somme Creek	67.10	29	P	P	09 23 17.8	+0.8
E28M	Babbage River	67.23	23	I	I	09 23 19.6	
E28M	Babbage River	67.23	23	P	P	09 23 18.6	+0.9
L29M	L29M	67.29	29	P	P	09 23 19.2	+1.1
P29M	Windy Craggy	67.32	32	P	P	09 23 19.5	+1.2
I29M	Ogilvie Camp,	67.38	26	P	P	09 23 19.0	+0.4
H29M	Whitestone	67.43	25	I	I	09 23 20.1	
H29M	Whitestone	67.43	25	P	P	09 23 19.4	+0.5
HYT	Haines Junctio	67.48	31	P	P	09 23 20.6	+1.2
D28M	Stokes Point	67.61	22	P	P	09 23 20.6	+0.7
K29M	Barlow Dome	67.61	28	I	I	09 23 21.9	
K29M	Barlow Dome	67.61	28	P	P	09 23 20.9	+0.7
G29M	Pine Creek	67.63	24	I	I	09 23 21.8	
G29M	Pine Creek	67.63	24	P	P	09 23 20.7	+0.6
N30M	Aitahik Lake	67.70	30	P	P	09 23 21.8	+1.0
P30M	Million Dollar	67.73	32	P	P	09 23 22.0	+1.1
E29M	Blow River	67.81	23	P	P	09 23 21.3	+0.1
M30M	Minto, Yukon	67.88	29	P	P	09 23 22.4	+0.6
PLBC	Pleasant Camp	68.02	33	P	P	09 23 23.8	+1.1
S31K	Pelican	68.08	34	P	P	09 23 23.9	+0.8
EPYK	Eagle Plains	68.10	25	I	I	09 23 24.2	
EPYK	Eagle Plains	68.10	25	P	P	09 23 23.5	+0.4
J30M	Hart River	68.17	27	P	P	09 23 24.3	+0.6
O30M	Mount Denhap	68.17	31	P	P	09 23 24.2	+0.5
I30M	Mount Dempster	68.18	26	P	P	09 23 23.9	+0.1
MAYO	Mayo, Yukon	68.32	28	P	P	09 23 24.7	+0.2
MAYO	Mayo, Yukon	68.32	28	P	P	09 23 25.4	+0.9
N31M	Braeburn, Yuko	68.33	30	I	I	09 23 26.6	
N31M	Braeburn, Yuko	68.33	30	P	P	09 23 25.5	+0.9
G30M	Tao Zhai Nji	68.34	24	P	P	09 23 24.6	0.0
SNJ	Simigan	68.37	305	P	P	09 23 25.3	-0.2
F30M	Barrie River	68.54	24	P	P	09 23 26.3	+0.5
SKAG	Skagway	68.55	33	P	P	09 23 26.7	+0.8
SIT	SIT	68.58	35	P	P	09 23 26.7	+0.6
WHY	Whitehorse	68.76	31	I	I	09 23 29.3	
WHY	Whitehorse	68.76	31	P	P	09 23 27.9	+0.5
S32K	Killisnoo	68.98	35	P	P	09	

2d 9h

Table with columns: Code, Station Name, Az, Phase ID, h, m, s, Res, ISC. Includes stations like IMW Indian Meadow, DUG Dugway, FLWY Flagg Ranch, etc.

CATAC 02:09:32:34.3-0.6, 12:69N:90:08W, h0km, 4km, mb4.2, ML4.0

GCG 02:09:32:35.8-3.1, 12:73N:90:33W, h10km, 518km, MD3.9
SNET 02:09:32:35.1-0.9, 12:75N:90:19W, h25km, 32km, ML3.9
IDC 02:09:32:42.5-2.9, 13:25N:89:52W, h62km, 24km, mb3.3/4, mbmp3.7/5, ML3.6/1, Error ellipse: s-maj=66.7km s-min=24.2km az=39.0

ISC 02:09:32:36.4-1.6, 12:76N:0:05-90:06W, 0.04, h25km, 12km, n86, s122/123, mb3.7/3, 11C-2D, Off coast of Central America

Table with columns: Code, Station Name, Az, Phase ID, h, m, s, Res, ISC. Includes stations like LALI Alcalda de L, JAYA Jayaque - finc, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, h, m, s, Res, ISC. Includes stations like CEVE Cerro Verde, SBLAS San Blas, etc.

100

Table with columns: Code, Station Name, Az, Phase ID, h, m, s, Res, ISC. Includes stations like STG3 Santiagoito 3, INTNH La Esperanza I, etc.

NIED 02:09:48:05.8, 43:66N:148:09E, h0km, MW5.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^17Nm; Mno:3.0; Mss:1.40; Mtt:1.69; Mtt:1.11; Mss:0.49; Mtt:0.49; Fault plane solution: Mo:2.020000x10^17 NP1: phi=213.000000, delta=876.000000, lambda=149.000000. NP2: phi=311.000000, delta=860.000000, lambda=16.000000.

JMA 02:09:48:05.8, 43:66N:148:09E, h0km, MD5.6/38, MW5.5/38, SE OFF ETOROFU. JMA Felt II JI at SE OFF ETOROFU.

BU 02:09:48:06.6, 43:66N:148:09E, h10km, mb5.2/90, Mw5.3/90, Ms5.4/97, Ms7.5/36.

NEIC 02:09:48:08.3, 43:60N:148:13E, h18km, Moment Tensor Solution. Duration: 3s2 Moment tensor: Scale 10^17Nm; Mtt:1.18; Mss:0.29; Mtt:1.46; Mss:0.45; Mtt:0.46; Mtt:0.56; Fault plane solution: Mo:1.590000x10^17 NP1: phi=190.140000, delta=859.160000, lambda=120.660000. NP2: phi=321.000000, delta=842.390000, lambda=49.500000. Principal axes: T 1.5267, Plg62.0000, Azm151.0000; N 0.1213, Plg26.0000, Azm353.0000; P -1.6479, Plg9.0000, Azm259.0000.

SKHL 02:09:48:08.7, 43:80N:148:30E, h40km, 4km, mb5.9/17, mbv:8.9, ms5.4/15, ms5.8/7.

NEIC 02:09:48:08.3, 43:39N:148:00E, h10km, NEIC 02:09:48:08.4, 44:00N:147:99E, h18km IDC 02:09:48:09:3.2, 44:00N:148:03E, h17km, 13km, mb5.1/32, mbmp5.2/42, ML4.6/10, MS5.0/78, Error ellipse: s-maj=10.8km s-min=9.4km az=136.0

MOS 02:09:48:09.7, 43:85N:148:07E, h35km, mb5.8/81, MS5.3/73, Error ellipse: s-maj=5.7km s-min=3.8km az=125.9

MOS Felt (II) at Malokunil'skoye; (II-III) at Yuzhno-Kunil'sk, Krabozavodskoye.

NEIC 02:09:48:09.1, 43:98N:0:07-148:0E:0:1, h15km, 1km, ms:6/85, Ms:20.5, 1/806, Mw5.5/493, Mw5.5/435, Error ellipse: s-maj=13.5km s-min=10.5km az=124.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mtt:0.58; Mss:0.34; Mtt:0.92; Mss:0.74; Mtt:0.64; Mtt:0.91; Fault plane solution: Mo:1.560000x10^17 NP1: phi=196.740000, delta=875.060000, lambda=128.770000. NP2: phi=304.540000, delta=841.120000, lambda=23.080000. Principal axes: T 1.6848, Plg46.0000, Azm146.0000; N -0.2862, Plg37.0000, Azm5.0000; P -1.3987, Plg21.0000, Azm259.0000.

GCMT 02:09:48:12.1, 43:94N:0:01-148:05E:0:01, h15km, MW5.5/148, Moment Tensor Solution, s116c198; s148c298. Duration: 1s1 Moment tensor: Scale 10^17 Nm; Mtt:0.72; Mss:0.2; Mtt:0.63; Mss:0.2; Mtt:1.35; Mss:0.2; Mtt:1.43; Mss:0.6; Mtt:0.87; Mss:0.1; Mtt:1.45; Mss:0.6; Best double couple: Mo:2.438000x10^17 NP1: phi=203.000000, delta=879.000000, lambda=126.000000. NP2: phi=308.000000, delta=837.000000, lambda=18.000000. Principal axes: T 2.7720, Plg44.0000, Azm149.0000; N -0.6670, Plg35.0000, Azm16.0000; P -2.1040, Plg26.0000, Azm266.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 02:09:48:14.4, 44:64N:147:41E, h33km, mb5.7, Ms5.2

ISC 02:09:48:10.3, 43:39N:0:03-148:06E:0:02, h24km, 2km, h25km, P-P, n2159, s1937/1916, mb5.6/691, MS5.1/525, 77C-69, East of Kuril Islands

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

L14K	baz=262,SNR=20	S	S	10 00 10.4 +1.6
F15K	baz=262 North Star Dit comp=Z,38nm,1.3s	33.68 33	I Amb	I Amb 09 54 59.0
F15K	baz=262 North Star Dit baz=253,SNR=8.8	33.68 33	P	P 09 54 49.8 +0.8
F15K	baz=253	S	S	10 00 10.5 +0.3
G15K	Niukluk baz=255	33.73 35	P	P 09 54 50.5 +1.2
G15K	baz=255	S	S	10 00 11.9 +0.9
M14K	baz=255 Bethel comp=Z,3um,20.0s	33.86 42	I AMs_20	I AMs_20 10 08 21.7
M14K	Bethel baz=263,SNR=23	33.86 42	P	P 09 54 51.3 +0.8
M14K	baz=263	S	S	10 00 14.7 +1.7
N14K	Kuskokwak Cree baz=265,SNR=6.4	33.91 44	P	P 09 54 52.5 +1.6
O14K	Tigykauivet M comp=Z,130nm,1.2s	34.07 45	I Amb	I Amb 09 55 02.7
O14K	Tigykauivet M baz=266,SNR=7.5	34.07 45	P	P 09 54 53.4 +1.1
O14K	baz=266	S	S	10 00 17.9 +1.6
L15K	Ungalak Mouna baz=262,SNR=9.6	34.20 41	P	P 09 54 54.8 +1.4
L15K	baz=262	S	S	10 00 21.0 +2.7
C16K	Lisburne Hills comp=Z,3um,22.0s	34.26 29	I AMs_20	I AMs_20 10 07 55.7
C16K	Lisburne Hills baz=249,SNR=16	34.26 29	P	P 09 54 53.8 -0.1
C16K	baz=249	S	S	10 00 17.9 -1.2
K15K	Wolf Creek Mou comp=Z,110nm,1.2s	34.27 40	I Amb	I Amb 09 55 05.3
K15K	Wolf Creek Mou baz=262,SNR=10.0	34.27 40	P	P 09 54 55.3 +1.2
K15K	baz=262	S	S	10 00 21.8 +2.4
H16K	Elim baz=257,SNR=41	34.39 36	P	P 09 54 55.4 +0.3
H16K	baz=257	S	S	10 00 22.9 +1.7
LZH	Lanzhou comp=Z,190nm,1.1s	34.42 272	PP	09 54 56.5 +0.6
LZH	baz=273	SP	SP	09 55 05.3 -0.7
LZH	baz=273	PP	PP	09 56 13.2 -0.7
LZH	baz=273	SS	SS	10 00 21.6 -1.0
LZH	baz=273	S	S	10 02 30.4 -3.2
LZH	comp=Z,190nm,1.1s		pmax	pmax
LZH	comp=Z,690nm,4.2s		LR	LR
LZH	comp=Z,3um,13.7s		LR	LR
LZH	comp=Z,3um,18.2s		LR	LR
LZH	comp=Z,4um,15.1s		LR	LR
SDPT	Sand Point baz=273	34.45 52	P	P 09 54 56.1 +0.4
M15K	Kasigluk River baz=258,SNR=37	34.48 43	P	P 09 54 56.3 +0.5
M15K	baz=258	S	S	10 00 25.3 +2.7
G16K	Koyuk River comp=Z,79nm,1.3s	34.52 34	I Amb	I Amb 09 55 07.1
G16K	comp=Z,2um,19.0s	I AMs_20	I AMs_20	10 10 35.7
G16K	Koyuk River baz=256,SNR=17	34.52 34	P	P 09 54 57.3 +1.1
G16K	baz=256	S	S	10 00 24.9 +1.8
N15K	Kwethluk River baz=266,SNR=21	34.73 44	P	P 09 54 58.8 +0.8
N15K	baz=266	S	S	10 00 29.1 +2.6
O15K	Ungalikthiuk R baz=268,SNR=14	34.81 45	P	P 09 54 59.5 +0.8
O15K	baz=268	S	S	10 00 29.5 +1.9
J16K	Anvik River J16K	34.85 38	P	P 09 54 58.6 -0.4
J16K	comp=Z,3um,19.0s	I AMs_20	I AMs_20	10 10 40.5
J16K	Anvik River baz=261,SNR=15	34.85 38	P	P 09 55 00.1 +1.1
J16K	baz=261	S	S	10 00 32.0 +3.8
D17K	Noatak River baz=252,SNR=36	34.87 30	P	P 09 55 00.0 +0.8
D17K	baz=252	S	S	10 00 29.9 +1.3
I17K	Unalakleet comp=Z,77nm,1.0s	34.91 37	I Amb	I Amb 09 55 09.5
I17K	Unalakleet baz=260,SNR=28	34.91 37	P	P 09 55 00.7 +1.3
I17K	baz=260	S	S	10 00 31.1 +2.0
S14K	Fog Glacier baz=272	34.94 50	P	P 09 54 59.8 -0.2
CHNA	Chernabura Isl baz=274	34.99 53	P	P 09 55 00.1 -0.2
CNBA	Chernabura Isl CNBA	34.99 53	P	P 09 54 59.5 -0.9
CNBA	comp=Z,51nm,0.7s	I AMs_20	I AMs_20	10 10 47.1
RDOG	Red Dog Mine comp=Z,3um,19.0s	35.05 30	I Amb	I Amb 09 55 09.7
RDOG	Red Dog Mine comp=Z,89nm,1.1s	35.05 30	P	P 09 55 01.1 +0.4
RDOG	Red Dog Mine baz=254	35.05 29	P	P 09 55 01.4 +0.4
C17K	Delong Moutai baz=251,SNR=23	35.09 29	P	P 10 00 31.2 -0.7
C17K	baz=251	S	S	10 00 31.2 -0.7
E17K	Hotham Inlet baz=254,SNR=55	35.16 31	P	P 09 55 01.9 +0.2
E17K	baz=254	S	S	10 00 34.5 +1.5
L16K	Owhat River L16K	35.16 41	P	P 09 55 01.9 +0.1
L16K	comp=Z,87nm,0.9s	35.16 41	P	P 09 55 01.9 +0.1
L16K	baz=264,SNR=19	S	S	10 00 34.7 +1.7
F17K	Baldwin Pennin baz=256,SNR=45	35.22 33	P	P 09 55 02.7 +0.6
F17K	baz=256	S	S	10 00 34.9 +1.2
G17K	Kiwalik Mouna baz=258,SNR=110	35.24 34	P	P 09 55 02.7 +0.3
G17K	baz=258	S	S	10 00 36.3 +2.1
GZH	Guangzhou GZH	35.27 245	P	P 09 54 59.0 -4.0
GZH	comp=Z,5um,19.6s	S	LR	LR 10 00 27.4 -8.0
GZH	comp=Z,3um,17.7s	LR	LR	
HKPS	comp=Z,4um,16.5s Hong Kong Po S comp=Z,3um,19.0s	35.32 243	I AMs_20	I AMs_20 10 10 24.5
M16K	Timber Creek comp=Z,3um,20.0s	35.35 42	I AMs_20	I AMs_20 10 09 16.0
M16K	Timber Creek baz=266,SNR=36	35.35 42	P	P 09 55 03.9 +0.5
M16K	baz=266	S	S	10 00 38.2 +2.2
N16K	Nishlik Lake baz=267	35.40 43	P	P 09 55 04.3 +0.4
N16K	baz=267	S	S	10 00 39.7 +2.8
H17K	Granite Mouna comp=Z,84nm,1.0s	35.43 35	I Amb	I Amb 09 55 14.0
H17K	comp=Z,3um,18.0s	I AMs_20	I AMs_20	10 11 19.9
H17K	Granite Mouna baz=259,SNR=46	35.43 35	P	P 09 55 04.8 +0.8
H17K	baz=259	S	S	10 00 38.0 +0.8
J17K	VABM Dome baz=262,SNR=39	35.54 38	P	P 09 55 06.0 +1.0
J17K	baz=262	S	S	10 00 42.0 +3.1

O16K	Kokwok River B comp=Z,92nm,1.2s	35.71 45	I Amb	I Amb 09 55 16.5
O16K	Kokwok River B baz=269,SNR=25	35.71 45	P	P 09 55 07.2 +0.8
O16K	baz=269	S	S	10 00 43.2 +1.8
E18K	Tukpahleark C baz=255,SNR=28	35.71 31	P	P 09 55 07.8 +1.4
E18K	baz=255	S	S	10 00 41.8 +0.4
P16K	Nushagak River baz=270,SNR=9.8	35.75 46	P	P 09 55 07.8 +1.0
P16K	baz=270	S	S	10 00 41.7 -0.4
L17K	Donlin baz=265,SNR=57	35.76 40	P	P 09 55 07.9 +1.1
L17K	baz=265	S	S	10 00 46.5 +4.3
GULI	GulLin comp=Z,50nm,1.5s	35.78 251	PP	09 55 13.4 +6.0
GULI	comp=Z,290nm,2.7s	PP	PP	10 00 48.6 +5.3
GULI	comp=N,3um,18.5s	SS	SS	10 03 40.9 +2.2
GULI	comp=E,3um,18.6s	pmax	pmax	
GULI	comp=Z,3um,16.3s	LR	LR	
K17K	Iditarod comp=Z,3um,20.0s	35.81 39	I AMs_20	I AMs_20 10 10 12.1
K17K	Iditarod baz=264,SNR=46	35.81 39	P	P 09 55 08.2 +0.9
K17K	baz=264	S	S	10 00 46.5 +3.4
C18K	Utukok River comp=Z,69nm,21.0s	35.83 29	I AMs_20	I AMs_20 10 09 06.8
C18K	Utukok River baz=253	35.83 29	P	P 09 55 07.5 0.0
C18K	baz=253	S	S	10 00 42.1 -1.3
B18K	Kokolik River baz=251,SNR=40	35.85 28	P	P 09 55 08.0 +0.4
B18K	baz=251	S	S	10 00 42.5 -1.0
F18K	Selawik baz=257,SNR=52	35.88 33	P	P 09 55 08.7 +0.9
F18K	baz=257	S	S	10 00 45.6 +1.7
GTA	Gaotai GTA	35.91 280	P	P 09 55 09.4 +0.8
GTA	comp=Z,42nm,1.8s	PcP	PcP	09 57 37.3 +2.0
GTA	comp=Z,250nm,5.8s	S	S	10 00 46.0 +0.6
GTA	comp=Z,5um,17.4s	ScS	ScS	10 05 25.5 +0.3
GTA	comp=Z,3um,16.7s	pmax	pmax	
R16K	Pilot Point baz=274	35.98 48	P	P 09 55 08.7 -0.1
M17K	Holitna River comp=Z,3um,20.0s	36.11 42	I AMs_20	I AMs_20 10 10 10.1
M17K	Holitna River baz=267,SNR=44	36.11 42	P	P 09 55 10.3 +0.4
H18K	Honhosa River comp=Z,3um,19.0s	36.12 35	I AMs_20	I AMs_20 10 11 50.0
H18K	Honhosa River baz=261,SNR=128	36.12 35	P	P 09 55 10.2 +0.3
H18K	baz=261	S	S	10 00 50.0 +2.4
G18K	Tagagawik baz=259,SNR=152	36.13 34	P	P 09 55 10.2 +0.2
G18K	baz=259	S	S	10 00 49.9 +2.0
N17K	Nushagak Hills comp=Z,90nm,0.9s	36.19 43	I Amb	I Amb 09 55 21.1
N17K	Nushagak Hills baz=268,SNR=24	36.19 43	P	P 09 55 11.2 +0.6
N17K	baz=268	S	S	10 00 52.4 +3.5
O17K	Koliganek Bris baz=269,SNR=36	36.22 44	P	P 09 55 11.3 +0.6
O17K	baz=269	S	S	10 00 52.1 +2.9
A19K	Wainwright baz=251,SNR=5.6	36.36 26	P	P 09 55 12.4 +0.5
A19K	baz=251	S	S	10 00 49.2 -2.0
O16K	King Salmon baz=271,SNR=5.5	36.44 46	P	P 09 55 13.2 +0.5
L18K	Granite Mouna comp=Z,111nm,0.8s	36.52 40	I Amb	I Amb 09 55 24.1
L18K	comp=Z,2um,19.0s	I AMs_20	I AMs_20	10 10 56.8
L18K	Granite Mouna baz=266,SNR=50	36.52 40	P	P 09 55 14.2 +0.9
L18K	baz=266	S	S	10 00 55.8 +2.0
C19K	Lookout Ridge comp=Z,3um,18.0s	36.52 29	I AMs_20	I AMs_20 10 11 40.5
C19K	Lookout Ridge baz=254,SNR=6.4	36.52 29	P	P 09 55 13.7 +0.3
C19K	baz=254	S	S	10 00 52.3 -1.6
P17K	Kvitak River baz=271,SNR=12	36.55 45	P	P 09 55 14.0 +0.4
J18K	Innoko River comp=Z,161nm,1.2s	36.61 38	I Amb	I Amb 09 55 24.8
J18K	comp=Z,2um,21.0s	I AMs_20	I AMs_20	10 09 30.1
J18K	Innoko River baz=265,SNR=52	36.61 38	P	P 09 55 14.0 -0.1
J18K	baz=265	S	S	10 00 57.1 +1.9
F19K	Shalercuk Mo comp=Z,123nm,1.1s	36.65 33	I Amb	I Amb 09 55 23.7
F19K	Shalercuk Mo baz=259,SNR=97	36.65 33	P	P 09 55 14.4 -0.1
F19K	baz=259	S	S	10 00 55.6 -0.2
GCSA	Galena City Sc baz=263,SNR=6.6	36.68 36	P	P 09 55 15.4 +0.7
GCSA	baz=263	S	S	10 00 56.0 -0.2
G19K	Purcell Mouna comp=Z,81nm,0.8s	36.80 34	I Amb	I Amb 09 55 19.6
G19K	Purcell Mouna baz=261,SNR=101	36.80 34	P	P 09 55 15.8 0.0
G19K	baz=261	S	S	10 00 58.5 +0.4
N18K	Kilae Creek comp=Z,2um,19.0s	36.83 43	I AMs_20	I AMs_20 10 11 42.3
N18K	Kilae Creek baz=269,SNR=54	36.83 43	P	P 09 55 16.4 +0.3
N18K	baz=269	S	S	10 01 02.4 +3.6
D19K	Kuna River comp=Z,3um,19.0s	36.88 30	I AMs_20	I AMs_20 10 11 13.1
D19K	Kuna River baz=256,SNR=83	36.88 30	P	P 09 55 16.9 +0.4
D19K	baz=256	S	S	10 00 58.7 -0.7
M18K	Stony River baz=268,SNR=22	36.89 42	P	P 09 55 16.9 +0.4
M18K	baz=268	S	S	10 01 01.9 +2.4
H19K	Roundabout Mou baz=262,SNR=346	36.97 35	P	P 09 55 17.2 +0.1
H19K	baz=262	S	S	10 01 02.3 +1.7
E19K	Redstone River baz=259,SNR=82	36.98 32	P	P 09 55 17.8 +0.5
E19K	baz=259	S	S	10 01 01.7 +0.8
SVW2	Sparrevohn comp=Z,66nm,0.8s	36.99 42	P	P 09 55 19.4 +2.0
SVW2	Sparrevohn baz=261	36.99 42	I Amb	I Amb 09 55 28.1
CD2	Chengdu	37.08 265	P	P 09 55 18.6 +0.1
CD2		pP	pP	09 55 22.0 -3.5

CD2	comp=Z,90nm,0.6s	PP	PP	09 56 43.8 +0.3
CD2	comp=Z,4um,18.2s	S	S	10 01 02.4 -0.8
CD2	comp=Z,2um,17.1s	sS	sS	10 01 13.0 +0.5
CD2	comp=Z,2um,16.5s	pmax	pmax	
J19K	Poorman baz=265,SNR=124	37.14 37	P	P 09 55 18.9 +0.2
J19K	baz=265	S	S	10 01 02.8 -0.5
P18K	Big Mountain comp=Z,185nm,1.1s			

Table with columns: Station Name, Date, Time, Location, Status, and Value. Includes stations like SCRK Sand Creek, BMRM Bremner River, RAGM Ragged Mountain, etc.

Table with columns: Station Name, Date, Time, Location, Status, and Value. Includes stations like YUK3 Moose Creek, TNCH TengChong, DAWY Dawson, etc.

Table with columns: Station Name, Date, Time, Location, Status, and Value. Includes stations like MAYO Mayo, G31M Satah River, INK Inuvik, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like P33M Teslin, Yukon, CMAR Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like V35K Bob Quinn, T35M Bob Quinn, OTUK Ortauy, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CHGR Chuyangaron, CHGR Chuyangaron, CHGR comp=Z,230nm,0.8s, etc.

2d 9h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NB2, NB23A, NB23A, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like N23A, N23A, N23A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPMB, VNA1, TICA, ITRB, PLCA, etc.

BUL 02 09:58:45.3±0.4, 21°49'S, 103°37.9'E, h13km, 62km, MD4.0, Mozambique

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHIPN, MOPA, MUSN, etc.

ISK 02 10:10:08.2, 39°59'N, 26°04'E, h12km, ML2.9/0 AFAD 02 10:10:08.6±0.0, 39°58'N, 26°00'E, h10km, ML2.7

ATH 02 10:10:08.9, 39°58'N, 25°59'E, h13km, 1km, ML2.6/8, Error ellipse: s-maj=1.8km s-min=0.5km az=163.0

ISC 02 10:10:08.9, 39°58'N, 25°59'E, h13km, 6km, n53, -0855/90, Aegean Sea

Main table for station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOCA, GPNR, BOZC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENEZ, ERIC, CHOS, etc.

UCR 02 10:17:26.5±1.1, 9°45'N, 84°26'W, h44km, 3km, MW3.6

CATAC 02 10:17:26.1±0.6, 9°44'N, 84°22'W, h24km, 4km, ML3.5

ISC 02 10:17:27.0±1.3, 9°44'N, 0°04'84'25'W, 0.04, h41km, 7km, n76, -0569/85, Costa Rica

Main table for station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVQZ, RITA, LLNJ, etc.

Fault plane solution: M=4.59000x10¹⁵ NPI₁φ_{40.00000°}, δ89.00000°, λ=142.00000°. NP2:φ_{309.00000°}, δ52.00000°, λ=2.00000°.

JMA 02 10:25:34.0±0.4, 44°N, 2°14'8"E, h0km, MD4.4/32, MV4.8/32, E OFF HOKKAIDO

MOS 02 10:25:36.8±1.1, 43°96'N, 148°14'E, h39km, mb4.8/25, Error ellipse: s-maj=7.0km s-min=6.0km az=105.6

NEIC 02 10:25:37.6±1.0, 43°83'N, 0°09'148'22"E, 0.1, h34km, 5km, mb4.2/13, Error ellipse: s-maj=15.4km s-min=9.9km az=137.0

IDC 02 10:25:37.5±4.0, 43°98'N, 148°11'E, h32km, 29km, mb4.0/28, mbmp4.2/36, ML3.7/8, MS3.5/7, Error ellipse: s-maj=14.2km s-min=11.2km az=147.0

ISC 02 10:25:36.2±0.9, 43°83'N, 0°05'148'22"E, 0.05, h30km, 6km, h30km: p-P, n71, φ15/654, mb4.6/168, MS4.1/4, 29C-26D, East of Kuril Islands

Main table for station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHOKAN, SHO, KUR, etc.

BUI 02 10:25:32.7±0.0, 43°81'N, 148°42'E, h23km, mb4.5/31, mB5.1/9, Ms4.5/2, Ms7.4/2

NIED 02 10:25:34.0, 43°65'N, 147°92'E, h0km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10¹⁹Nm; Mn=0.51; Mw=3.74; Mx=3.23; My=2.25; Mz=1.00; n=1.80;

2d 10h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TYV, JMM, SKR, MJAR, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like UNV, M11K, K13K, F14K, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like J19K, P18K, O18K, L19K, etc.

Table with columns: RND, Reindeer, 40.13, 38, Iamb, Iamb, 10 33 18.3, etc. Includes rows for GHO, WAT1, D24K, E24K, MDM, KNK, C24K, H24K, COLA, F24K, WAT6, G24K, G24K, POKR, M23K, DHY, SCM, HDA, IL31, ILAR, GOMU, GLI, PZH, D25K, G25K, H25L, F25K, M24K, E25K, K24K, PRP, ZALV, FYU, J25K, KLU, PAX, C26K, BMAR, G26K, C27K, BMRM, J26L, I26K, KAIM, L26K, L26K, VRDI, M26K, M26K, E27K, G27K, MCARA, BGLC, K27K, H27K, I27K, D27M, WAX, L27K, L27K, BCAR, EGAK, EGAK, M27K.

Table with columns: M27K, ISLE, F28M, E28M, BARN, MESA, I28M, CTG, CTGM, YUK3, DAWY, E29M, H29M, G29M, O28M, I29M, YUK6, M29M, L29M, EPYK, YUKA, K29M, G30M, F30M, MK31, MKAR, YUK6, I30M, MAK2, J30M, J30M, M30M, HYT, N30M, MAYO, G31M, P29M, INK, INK, INK, F31M, H31M, H31M, KURK, P30M, KURBB, N31M, N31M, O30N, PLBC, M31M, M31M, WHY, FARO, FARO, PHRA, N32M, P32M, R32K, A36M, P33M, P33M, CMAR, CMAR, C36M, R33M, BVAR, BVAR, DLBC.

Table with columns: DLBC, V35K, T35M, BOOM, WRGLY, AAK, TOAD, KSH, KK31, KK31, KK31, KKAR, KKAR, SPITS, SPITS, YKA, ABKAR, ARCES, ARCES, ARCES, NEW, PINE, YBH, YBH, VALR, VALR, SUMG, SUMG, PLID, MSO, WBO, WR0, WR0, WB2, WRA, WRA, WRA, GEYT, GEYT, GEYT, FIA1, FINES, FINES, FINES, FFC, FFC, FFC, PAHR, PNTR, EGMT, YERR, HLID, BOZ, BOZ, RYN, NVAR, NVAR, NV11, H17A, DSP, SMMC, RLMT, CWC, GRAC, ASAR, R11B, MPMC, FURC, DUG, DUG, BW06, PDAR, PDAR, EDW2, GWY, KHAM, NC405, NC405, NB201.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, ABKAR Akbulak Array, VVDA Vanda, AKASA Malin Array, etc.

IDC 02 11:00:56.3:0.8,2:86N,127:38E,h0km,mb3.9/9

mbmp3.9/9, Error ellipse: s-maj=58.1km s-min=15.3km

NEIC 02 11:00:58.5:1.1,2:81N,0:06:127:2E:0.1,h10km,1km

mb4.4/12, Error ellipse: s-maj=19.3km s-min=8.2km

az=70.0

DJA 02 11:01:01.9:0.5,3:N4.4x12:7E:1,h10km,M4.2/13

mb4.3/10,mb4.8/4,MLv4.2/13,Mw(MB)4.0/4

ISC 02 11:01:02.7:0.7,2:92N,0:07:127:49E:0.10,h49km,n37,

az=132/35,mb4.1/15,Northern Molucca Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNGI Sangihe, TNTI Ternate, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HEF Hetta, TOF Tornio, TOU Toolangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SPITS Spitsbergen Ar, etc.

KRSC 02 11:16:56.1:1.5,51:00N:160:69E,h46km,31km,M13.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KDR Khotakya, RUS Rus, SPN Mys Shipunski, etc.

NEIC 02 11:23:23.6:2.4,20:5S:0.1x177:8W:0.1,h516km,6km

mb4.8/84, Error ellipse: s-maj=16.0km s-min=14.3km

az=150.0

BUI 02 11:23:24.0:0.0,20:50S:177:80W,h531km,mb4.8/37,

mb4.9/10

IDC 02 11:23:26.4:0.6,20:51S:177:94W,h548km,6km,mb4.2/24,

mbmp5.1/27, Error ellipse: s-maj=9.3km s-min=8.4km

az=144.0

NOU 02 11:23:26.2:0.53S:177:83W,h548km,mb5.1/91, Fiji

Islands Region

BGR 02 11:23:28.3:20:58S:177:51W,h568km,5km

ISC 02 11:23:25.7:0.5,20:47S:0:06:177:88W:0.05,

h542km, h544km:PP-P,n765,c0:82/832,mb4.9/101,

C-45D, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, KOUNC Koumang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TOO Toolangi, TOU Toolangi, CARO Coronation Par, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GENI Genyem, ASO1 Alice Springs, etc.

ASAR Alice Springs, comp=2.80nm,0.5s,baz=90,slow=8.1,SNR=2219

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.7:8nm,0.5s,baz=109,slow=3.9,SNR=6.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.7:8nm,0.5s,baz=93,slow=15,SNR=28

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=98,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, etc.

ASAR Alice Springs, comp=2.1:5nm,0.7s,baz=99,slow=14,SNR=5.9

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Table with columns: JOW, KUNIGAMI, 70.23 310, P, P, 11 33 45.5 +0.9, 11 33 46.6, 11 33 45.6 +1.1, 11 33 44.5 0.0, 11 33 44.7 +0.2, 11 33 44.6 +0.2, 11 33 45.6, 11 33 44.7 +0.2, 11 33 42.2 +0.4, 11 33 45.6 +1.1, 11 33 46.6, 11 33 47.8 -0.2, 11 33 50.1, 11 33 51.7 +1.1, 11 33 53.1 -0.7, 11 33 55.7 +1.0, 11 33 55.4 -0.5, 11 33 57.1 +0.4, 11 33 56.6 -0.2, 11 33 58.1, 11 33 56.9 +0.2, 11 33 59.9 -0.7, 11 33 02.4 -0.9, 11 33 02.7 -0.9, 11 34 01.7 -1.7, 11 34 02.6, 11 34 04.9 +1.0, 11 34 03.9 -0.1, 11 34 03.5 +0.3, 11 34 03.1 -1.0, 11 34 08.3, 11 34 04.8 -0.2, 11 34 03.5 -1.5, 11 34 05.6, 11 34 06.3 +1.7, 11 34 06.3 -0.5, 11 34 05.0 -1.8, 11 34 06.7, 11 34 05.9 -0.9, 11 34 05.6 -1.2, 11 34 06.6 -0.4, 11 34 08.0 +0.5, 11 34 07.0 -0.6, 11 34 08.4, 11 34 09.4 0.0, 11 34 17.4 +0.8, 11 34 18.5 0.0, 11 34 18.1 -0.3, 11 34 19.3, 11 34 18.4 -0.1, 11 34 18.6 +0.2, 11 34 19.6 -1.1, 11 34 21.6 +0.9, 11 34 23.6 +1.1, 11 34 21.7 -0.4, 11 34 22.1, 11 34 22.0 -0.1, 11 34 23.1 +0.4, 11 34 23.2 -0.8, 11 34 28.5 +0.6, 11 34 29.6 0.0, 11 34 33.2 0.0, 11 34 33.6 +0.1, 11 34 33.5 -0.3, 11 34 34.4 +1.1, 11 34 35.1 +1.7, 11 34 34.5 0.0, 11 34 34.6 +0.3, 11 34 35.1 +0.2, 11 34 36.9 +0.6, 11 34 36.4 +0.1, 11 34 37.8 +0.7, 11 34 36.7 0.0, 11 34 36.0 0.0, 11 34 38.8 0.0, 11 34 40.0 +1.4, 11 34 39.6 +0.4, 11 34 39.3 +0.5, 11 34 38.7 -0.1, 11 34 39.6 -0.2, 11 34 38.7 -1.1, 11 34 39.1 0.0, 11 34 38.8 -1.4, 11 34 37.9 -2.3, 11 34 40.6 -0.1, 11 34 40.0 -1.6, 11 34 43.0 +1.5, 11 34 43.0 +1.5, 11 34 43.0 +1.5, 11 34 42.1 -0.4, 11 34 42.6 +0.1, 11 34 42.6 +0.5, 11 34 42.6 +0.3, 11 34 42.5 -0.3, 11 34 42.7 +0.3, 11 34 42.8 -0.6, 11 34 43.9 +1.0

Table with columns: NVAR, MINA ARRAY BEA, 80.92 43, P, P, 11 34 45.2 +1.3, 11 36 42.3 -0.9, 11 34 45.4 +1.0, 11 34 45.5 +0.4, 11 34 44.6 -1.0, 11 34 46.0, 11 34 45.3 -0.3, 11 34 47.9 +1.5, 11 34 45.9 +0.2, 11 34 45.9 -0.6, 11 34 46.6 +0.2, 11 34 47.1 +0.5, 11 34 47.0 +0.2, 11 34 47.6 +0.8, 11 34 49.0, 11 34 47.8 +1.0, 11 34 48.1 +0.8, 11 34 46.7 -0.5, 11 34 47.2 0.0, 11 34 47.4 -1.7, 11 34 48.8 +0.5, 11 34 50.0 +1.1, 11 34 49.8 +0.5, 11 34 49.2 -0.2, 11 34 50.5, 11 34 48.9 -0.5, 11 34 49.8 -0.6, 11 34 51.5 +0.8, 11 34 52.7, 11 34 51.8 +1.1, 11 34 50.5 -0.3, 11 34 52.1 +0.8, 11 34 52.8 +0.9, 11 34 53.3 +1.6, 11 34 54.4, 11 34 53.5 +1.7, 11 34 51.6 -0.2, 11 34 52.2 +0.3, 11 34 52.7, 11 34 51.7 -0.9, 11 34 53.6 +0.8, 11 34 55.2, 11 34 53.3 +0.7, 11 34 52.3 -0.4, 11 34 52.7 -0.3, 11 34 54.9 +1.1, 11 34 53.0 -0.1, 11 34 53.5 +0.1, 11 34 54.3 -0.3, 11 34 54.4 -0.2, 11 34 56.0 +1.3, 11 34 55.6 +1.0, 11 34 55.2 +0.5, 11 34 56.9 +1.1, 11 34 57.7 +0.7, 11 34 56.6 +0.7, 11 34 57.0 +0.9, 11 34 56.6 +0.2, 11 34 57.1 +0.6, 11 34 58.4 +0.8, 11 34 57.4 -0.4, 11 34 58.7 +0.3, 11 34 58.1 -0.5, 11 34 58.8 -0.8, 11 35 00.1 +1.0, 11 35 01.1, 11 34 59.7 +0.6, 11 34 59.5 -0.1, 11 34 59.7 0.0, 11 35 00.7 +0.5, 11 35 00.6 +0.2, 11 35 00.7 +0.2, 11 35 00.3 -0.5, 11 35 01.1 -0.1, 11 35 01.4 +0.1, 11 35 02.6 +0.1, 11 35 02.6 0.0, 11 35 02.7 +0.1, 11 35 02.5 -0.2, 11 35 02.3 -0.5, 11 35 03.0 +0.1, 11 35 03.2 0.0, 11 35 03.2 0.0, 11 35 05.2 +1.0, 11 35 03.8 -0.3, 11 35 04.6 +0.2, 11 35 05.4, 11 35 04.8 -0.7

Table with columns: BMO, BLUE MOUNTAINS, 85.22 38, P, P, 11 35 06.2 +1.1, 11 35 04.8 0.0, 11 35 05.4 +0.2, 11 35 06.6 +0.3, 11 35 06.6 +0.3, 11 35 05.5 +0.1, 11 35 06.0 +0.4, 11 35 05.4 -0.3, 11 35 05.3 -0.3, 11 35 05.5 -0.4, 11 35 05.8 -0.4, 11 35 06.1 0.0, 11 35 06.3 0.0, 11 35 06.7 +0.2, 11 35 07.0 +0.2, 11 35 09.4 +1.3, 11 35 08.2 +0.7, 11 35 08.5 +0.5, 11 35 08.9 +0.4, 11 35 09.9, 11 35 08.9 +0.4, 11 35 07.5 -0.9, 11 35 10.0 +0.4, 11 35 09.1 +0.4, 11 35 09.1 +0.3, 11 35 10.7, 11 35 08.9 +0.2, 11 35 10.3 +0.7, 11 35 08.6 -0.2, 11 35 08.4 -0.7, 11 35 09.5 +0.2, 11 35 08.5 -1.6, 11 35 09.6 +0.2, 11 35 09.5 +0.1, 11 35 09.9 +0.2, 11 35 09.9 -0.1, 11 35 09.8 -0.2, 11 35 09.9 -0.4, 11 35 09.7 -0.5, 11 35 11.5 +1.4, 11 35 11.3 +0.4, 11 35 10.8 +0.3, 11 35 11.2 0.0, 11 35 10.9 -0.1, 11 35 11.8 -0.3, 11 35 11.2 -0.2, 11 35 11.0 -0.6, 11 35 11.7 -0.1, 11 35 11.6 +0.1, 11 35 13.9 +1.2, 11 35 11.3 -1.0, 11 35 12.3 0.0, 11 35 11.8 -0.9, 11 35 11.9 -0.8, 11 35 15.2 +1.5, 11 37 13.1 +1.9, 11 35 12.8 -0.3, 11 35 13.3 -0.2, 11 35 14.1 +0.5, 11 35 14.2 +0.6, 11 35 13.8 -0.3, 11 35 14.8 +0.8, 11 35 14.5 +0.1, 11 35 14.6 +0.5, 11 35 15.7, 11 35 14.8 +0.7, 11 35 14.4 -0.3, 11 35 14.0 -1.3, 11 35 15.2 +0.6, 11 35 14.9 +0.3, 11 35 13.5 -0.9, 11 35 14.5 +0.1, 11 35 15.2 +0.4, 11 35 15.5 +0.7, 11 35 15.0 +0.2, 11 35 15.7 +0.6, 11 35 15.1 -0.1, 11 35 15.3 -0.3, 11 35 15.6 0.0, 11 35 15.9 +0.5, 11 35 15.9 -0.1, 11 35 15.3 -0.7, 11 35 15.3 -0.8

2d 11h

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Table with columns: BRG, Bergjesshubel, 148.25 346, ePKPdf, PKPdf, 11 42 06.8 +0.2, etc. Lists various astronomical observations with their respective parameters and identifiers.

Table with columns: KBA, comp=Z, 1.2nm, 0.4s, i PKP, PKPbc, 11 42 19.0 -0.6, etc. Lists astronomical observations with detailed parameters and identifiers.

Table with columns: TIBP, baz=342, S, Sn, 11 25 36.2 -0.2, etc. Lists astronomical observations with parameters and identifiers.

JMA 02 11:25:14.8-0.2, 24:50N:121.91E, h60km, ML4.3, Mw3.8, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; Mr:1.52; Mb:1.07; Mw:2.59; Mo:0.32; Ms:1.93; Mv:5.64; Fault plane solution: Mo:6.37949x10^21 NP1; phi:184.27000; delta:1.08000; lambda:109.70000. NP2: phi:297.69000; delta:1.58000; lambda:97.0000. Principal axes: T P1g50.1140; Azm116.1020; N P1g19.4590; Azm1.0930; P P1g33.2260; Azm257.7120.

TAP 02 11:25:15.5, 24:50N:121.91E, h60km, ML4.3, B ISC 02 11:25:15.9, 1.2, 24.51N:121.94E, h62km, 4km, n156, e08/262, 23C-10D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists astronomical observations with parameters and identifiers.

Table with columns: TIBP, baz=342, S, Sn, 11 25 36.2 -0.2, etc. Lists astronomical observations with parameters and identifiers.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like HSN Hsinchu, WHP Taichung City, NHW Xinwu Township, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like TWK Hsinying, SNST Taichung City, CHN1 Nanshi, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like OUENC comp=Z,538nm,1.4s, DZM Mont Dzumac, etc.

Technical notes and parameters including: IDC 02 11:53:04.6:0.4, 15:005x173:57W, h0km, m5.0, 0.24, m2mp5.0/24, MS5.5/9, Error ellipse: s-maj=14.9km, s-min=13.2km, az=128.0, BUJ 02 11:53:05.0:0.0, 15:105x173:50W, h20km, m5.3/66, m86.2/77, Ms5.8/86, Ms7.5/82, NEIC 02 11:53:05.3, 15:045x173:41W, h24km, Moment Tensor Solution, Duration: 4.6s, Moment tensor: Scale 10^17Nm, Mw=2.73, Mw=6.23, Mw=2.85, Mw=4.21, Mw=1.86, Fault plane solution: M7.37000x10^17 NP1: phi=123.65000, delta1.92000, lambda1.95000, NP2: phi=18.07000, delta0.55000, lambda156.30000, Principal axes: T: 6.1920, Plg42.0000, Azm349.0000; N: 2.3596, Plg45.0000; P: -8.5516, Plg13.0000; Azm246.0000; IGP 02 11:53:06.0, 14:785x173:11W, h21km, Mw5.9, Fault plane solution: NP1: phi=194.00000, delta0.00000, lambda-143.00000, MOS 02 11:53:06.0:1.3, 14:995x173:89W, h12km, m5.7/42, MS5.7/35, Error ellipse: s-maj=9.9km s-min=7.6km az=121.7, NEIC 02 11:53:06.5:0.0, 15:05:0x1:172:90W, 0:08, h10km, 1km, m5.7/45, Ms. s-min=5.7/48, Mw5.8/28, Error ellipse: s-maj=17.8km s-min=13.2km az=12.0, NOU 02 11:53:09.2, 15:345x173:34W, h34km, ML5.8/91, Tonga Islands, GCMT 02 11:53:11.5:0.1, 14:885x173:21W, h12km, Mw5.8/171, Moment Tensor Solution, s157.c327, s171.c544, Duration: 2s1 Moment tensor: Scale 10^17Nm; Mn:0.82e-03; Mm:3.41e-03; Mo:4.23e-03; Mn:1.68e-09; Mw:4.18e-03; Mr:4.56e-08; Best double couple: M7.48900x10^17 NP1: phi=19.00000, delta0.00000, lambda1.5300000, NP2: phi=112.00000, delta9.00000, lambda5.00000, Principal axes: T: 7.3010, Plg31.0000; Azm327.0000; N: 0.3770, Plg49.0000; Azm194.0000; P: -7.6760, Plg24.0000; Azm73.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function, ISC 02 11:53:06.8:0.4, 15:115x180:173:29W, 0:04, h24km, 2km, h24km; p-P, n1475, s180/1257, mb5.4/119, MS5.7/360, 123C-89D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like AFI Afiamalu, MSFV Nonsavu, etc.

2d 11h

2018 JUN

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like PYZ, PATS, RABL, AUPHS, etc.

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like FORT, FORT, FORT, FORT, etc.

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like TGY, ASAJ, HOPS, FMP, etc.

2d 11h

2018 JUN

Table with columns: Station Name, Time, Day, Status, and other details. Includes stations like GCSA Galena City Sc, S34M Telegraph Cree, YUK8 Steele Glacier, etc.

Table with columns: Station Name, Time, Day, Status, and other details. Includes stations like N31M Braeburn, YUKO Boulder Array, PDAR Boulder Array, etc.

Table with columns: Station Name, Time, Day, Status, and other details. Includes stations like HEH Heihe, HEH Heihe, HEH Heihe, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like H29M Whitestone, ZEA Zeya, and H29M Whitestone.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like HKT comp=Z,55nm,1.4s, A21K comp=Z,3um,16.0s, and XLT XiLinHaoTe.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like BTO BTO, MIAR Mount Ida, and MDND Maddock.

2d 11h

2018 JUN

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TIXI, LRAL, JFWS, HDIL, EYMN, EQML, YHML, L44A, TRQA, SFIN, WCI, LVC, LVC, GTA, IRK, ZAK, TIGA, LKP, GOGA, O48B, TKL, P49A, DIBR, MOKO, TZTN, IMP, KOHI, JORH, SAIH, MOY, ZIRO, AAM, ACSO, MTJD, GOMU, BELO, O53A, BSA, ERPA, GTBY, SSPA, SDV, BINY, LONY, SAML, HATO, WMO, PAL, LBNH, HRV, ZSN, ZSN, PKME, PKME, MKAR, MKAR, HTH, PTH.

Table with columns for name, date, time, and status. Includes entries like RAYN Ar Rayn, KWP Kalwaria Pacla, KWP Kalwaria Pacla, etc.

Table with columns for name, date, time, and status. Includes entries like JAVC Velka Javorina, KRUC Moravsky, VYHS Myrine, etc.

Table with columns for name, date, time, and status. Includes entries like OBKA Obir, MYKA Terra Mystica, FRGS Fruska Gora, etc.

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

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

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

NEIC 02 11:55:36.0±1.7, 36.82N±0.02, 113.66W±0.02, h11km, 7km, Error ellipse: s-maj=2.3km s-min=2.1km az=136.0

REN 02 11:55:36.2±2.36, 36.84N±0.01, 113.65W±0.02, h8km, 3km, Error ellipse: s-maj=2.0km s-min=1.7km az=118.0

UUSS 02 11:55:36.5±1.36, 36.82N±0.02, 113.66W±0.02, h15km, 7km, Error ellipse: s-maj=3.0km s-min=2.1km az=152.0, Western Arizona

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like St. George Fir, Saint George, Washington Fie, etc.

IDC 02 12:42:08.8±1.4, 7.33S, 149.70E, h0km, mb3.7/5, mbmp3.7, 7.7, ML4.0/1, Error ellipse: s-maj=52.2km

NEIC 02 12:42:08.9±2.6, 7.33S±0.1, 149.70E±0.1, h10km, 1km, mb4.2/14, Error ellipse: s-maj=28.5km s-min=20.8km az=124.0

ISC 02 12:42:13.5±0.9, 7.45S±0.1, 149.8E±0.1, h35km, n22, s146±23, mb4.0/8, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, FAKI Fak Fak, MTN Manton Dam, etc.

IDC 02 12:48:50.1±1.4, 10.34S±123.72E, h0km, mb3.8/2, s-min=12.3km az=65.0, Timor region

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

DNK 02 13:01:21.5±3.8, 8.034N±1.42W, h14km, 32km, ML1.8, ML1.8(DNK), Confirmed Earthquake

FCIAR 02 13:01:27.0±0.8, 8.021N±0.14E, h10km, station ZF12 has station magnitude of 3.40 station OMEGA has station magnitude of 3.40

ISC 02 13:01:14.1±0.8, 7.916N±0.06, 3.42W±0.03, h10km, n18, s209±31, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOR Nord, KBS Kingsbay, SPAO Spitsbergen Arr, etc.

NEIC 02 13:03:18.6±2.5, 14.93S±0.07, 173.2W±0.1, h10km, 1km, mb5.1/181, Ms 20 5.0/154, Mw5.4/18, Error ellipse: s-maj=18.4km s-min=10.2km az=109.0

BUI 02 13:03:19.0±0.0, 15.00S±173.10W, h10km, mb5.1/36, mb5.6/19, MS5.2/28, M5.7/0.29

NEIC 02 13:03:19.1±1.4, 16.6S±173.0W, h24km, Moment Tensor Solution, Duration: 2.1 Moment tensor: Scale 1017Nm; Mn: 1.4; Mw: 0.94; Mo: -1.08; Ma: 0.20; Mb: 1.01; Mr: -0.32; Fault plane solution: M1:4.7000x1017 Np1: 0.291.89000°, 883.34000°, -1.0.79000°. NP2:0.23.15000°, 87.28000°, -1.173.20000°. Principal axes: T 1.3652, Plg3.0000°, Azm338.0000°, N 0.2174, Plg77.0000°, Azm81.0000°, P -1.5826, Plg12.0000°, Azm247.0000°

NEIC 02 13:03:19.1, 14.96S±173.18W, h24km, Moment Tensor Solution, Duration: 1.51 Moment tensor: Scale 1017 Nm; Mn: 0.16±0.1; Mw: 0.56±0.1; Mo: -0.72±0.1; Mr: 0.26±0.4; Ms: 0.69±0.1; Ms: 0.82±0.4; Best double couple: Mo: 1.27700x1017 Np1: 0.18.00000°, 886.00000°, 1.37.00000°. NP2:0.112.00000°, 847.00000°, 1.6.00000°. Principal axes: T 1.2200, Plg32.0000°, Azm326.0000°; N 0.1150, Plg47.0000°, Azm194.0000°; P -1.3350, Plg25.0000°, Azm74.0000°. nstai1 refers to body waves, cutoff=40s, nstai2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 02 13:03:23.0±0.3, 15.04S±162.78W±0.05, h29km, n747, e154/563, mb5.0/139, MS5.0/143, 37C-42D, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, NIUE Niue, RAR Rarotonga, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Alice Springs, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like GMN Gold Mountain, H13A Mohawk Valley, OHAK Old Harbor, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like L16K Owhat River, SEW Seward, BBB Bella Bella, etc.

2d 13h

CTG	Chitna Glacier	79.83	15	P	P	13 15 28.9	+0.1
BARN	Barnard Glacier	79.83	15	Iamb	Iamb	13 15 41.6	
CTGM	Chitina Glacier	79.83	15	Iamb	Iamb	13 15 40.7	
WAT6	Susitna Watana	79.84	12	P	P	13 15 29.1	+0.2
H16K	Elin	79.85	5	P	P	13 15 28.1	-0.6
CAST	Castle Rocks	79.86	9	P	P	13 15 29.0	+0.1
J19K	Pooman	79.91	8	Iamb	Iamb	13 15 41.7	
J19K	Mount 1			IAMs_20	IAMs_20	13 45 21.6	
J19K	Pooman	79.91	8	P	P	13 15 30.0	+1.0
WAT1	Susitna Watana	79.92	11	P	P	13 15 28.7	-0.5
PLBC	Pleasant Camp	79.93	18	P	P	13 15 30.1	+0.9
O28M	Mount Upton	79.96	16	P	P	13 15 30.2	+0.5
MA2	Magadan	79.97	342	LR	LR	13 46 24.9	
O29M	Mount Kennedy	79.99	17	P	P	13 15 29.6	-0.1
TXAR	Lajitas Array	80.00	56	P	P	13 15 35.0	+4.6
TXAR	Mount 4			LR	LR	13 43 30.6	
T35M	Bob Quinn	80.02	22	P	P	13 15 29.6	-0.2
G15K	Nukluk	80.07	4	P	P	13 15 29.4	-0.5
NEW	Newport	80.13	34	P	P	13 15 31.5	+0.8
NEW	Newport	80.13	34	LR	LR	13 47 33.9	
KTH	Kantishna Hill	80.17	10	IAMs_20	IAMs_20	13 45 01.0	
TRF	Thorofare Moun	80.18	10	P	P	13 15 32.1	+1.3
ANMO	Albuquerque	80.19	50	P	Iamb	13 15 29.6	-1.9
ANMO	Albuquerque	80.19	50	IAMs_20	IAMs_20	13 43 27.6	
ANMO	Albuquerque	80.19	50	P	P	13 15 28.6	-3.0
ANMO	Albuquerque	80.19	50	LR	LR	13 43 39.4	
ANMO	Albuquerque	80.19	50	eP	eP	13 15 35.1	+3.6
HARP	HAARP	80.20	13	P	P	13 15 31.1	+0.4
SKAG	Skagway	80.25	18	P	P	13 15 32.5	+1.6
CHUM	Lake Minchum	80.26	9	P	P	13 15 31.3	+0.4
J20K	Nowinta River	80.28	8	P	P	13 15 31.2	+0.2
P30M	Million Dollar	80.30	17	P	P	13 15 29.6	-1.7
H17K	Granite Mounta	80.34	6	P	P	13 15 29.1	-2.2
NJ2	Nanjing	80.34	307	eP	eP	13 15 29.8	-2.3
DHY	Denali Highway	80.37	11	P	P	13 15 31.1	-0.6
RND	Reindeer	80.39	11	Iamb	Iamb	13 15 43.3	
RND	comp=Z,34nm,1.3s			IAMs_20	IAMs_20	13 43 17.9	
S34M	Telegraph Cree	80.41	21	P	P	13 15 31.1	-0.8
F14K	Arctic Creek	80.43	3	P	P	13 15 31.2	-0.6
ALPN	Alpine	80.44	55	Iamb	Iamb	13 15 47.5	
GCSA	Galena City Sc	80.48	7	P	P	13 15 31.1	-0.9
KLR	Kul'dur	80.49	327	LR	LR	13 45 38.0	
KLR	Kul'dur	80.49	327	eP	eP	13 15 33.4	+0.9
YUK8	Steele Glacier	80.50	16	P	P	13 15 33.4	+0.7
YUK6	Outpost Mounta	80.59	16	P	P	13 15 33.2	+0.1
PAX	Paxson	80.65	12	P	P	13 15 33.0	-0.1
BPAW	Bear Paw Mtn.	80.67	10	P	P	13 15 34.4	+1.2
MCK	McKinley	80.68	11	P	P	13 15 33.4	+0.2
M26K	Nabesna, AK	80.68	14	P	P	13 15 30.6	-2.7
M26K	Nabesna, AK	80.68	14	Iamb	Iamb	13 15 45.8	
M26K	Nabesna, AK	80.68	14	P	P	13 15 33.7	+0.3
H18K	Honhosa River	80.71	6	IAMs_20	IAMs_20	13 50 38.6	
H18K	Honhosa River	80.71	6	P	P	13 15 32.6	-0.8
HYT	Haines Junctio	80.72	17	P	P	13 15 34.8	+1.1
YUK3	Moose Creek	80.75	15	P	P	13 15 32.8	-1.1
F15K	North Star Dit	80.75	3	P	P	13 15 33.1	-0.4
I20K	Kaaghedeneel	80.82	8	P	P	13 15 32.8	-1.1
G17K	Kiwalik Mounta	80.83	5	P	P	13 15 32.8	-1.2
YUK4	Talbot Arm	80.85	16	P	P	13 15 34.5	+0.1
P32M	Atlin	80.85	19	P	P	13 15 33.6	-0.7
M27K	Edge Creek, AK	80.90	14	P	P	13 15 34.6	0.0
BNX	BinXian	80.95	322	eP	eP	13 15 36.2	+1.1
BNX				sP	sP	13 15 45.2	+0.5
BNX				pwP	pwP	13 15 48.7	-2.3
BNX				PP	PP	13 18 39.6	-0.6
BNX				S	S	13 25 41.8	-0.3
BNX				sS	sS	13 25 58.8	-1.8
BNX	comp=Z,17nm,0.9s			pmax	pmax		
BNX	comp=Z,300nm,5.9s			LR	LR		
BNX	comp=Z,390nm,17.3s			LR	LR		
BNX	comp=Z,490nm,21.7s			LR	LR		
BNX	comp=Z,920nm,19.5s			LR	LR		
MENT	Mentasta	80.99	13	Iamb	Iamb	13 15 47.0	
BWN	Browne	80.99	10	IAMs_20	IAMs_20	13 46 39.5	
O30N	Mendenhall	81.08	17	P	P	13 15 34.8	-0.7
MSO	Missoula	81.10	37	Iamb	Iamb	13 15 47.5	
MSO	Missoula	81.10	37	P	P	13 15 35.3	-0.7
CN2	Changchun	81.13	320	eP	eP	13 15 36.9	+0.9
CN2				PMAX	PMAX	13 25 43.3	-0.7
CN2	comp=Z,20nm,1.0s			pmax	pmax		
CN2	comp=Z,100nm,3.0s			LR	LR		
CN2	comp=Z,300nm,18.0s			LR	LR		
CN2	comp=Z,400nm,18.0s			LR	LR		
CN2	comp=Z,400nm,20.0s			LR	LR		
TPAW	Teton Pass	81.14	41	Iamb	Iamb	13 15 57.1	
L26K	Log Cabin Wild	81.15	13	P	P	13 15 35.2	-0.5

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DLBC	Dease Lake	81.19	21	P	P	13 15 34.6	-1.6
DLBC	Dease Lake	81.19	21	LR	LR	13 45 03.2	
SNOW	Snowcap Moun	81.25	41	Iamb	Iamb	13 15 52.2	
O20A	White River Ci	81.28	45	P	P	13 15 35.8	-1.4
H19K	Roundabout Mou	81.28	7	Iamb	Iamb	13 15 48.7	
H19K	Roundabout Mou	81.28	7	P	P	13 15 35.0	-1.3
DL2	Dalian	81.28	314	S	S	13 15 37.7	+0.7
DL2				pmax	pmax	13 25 51.0	-3.3
DL2	comp=Z,39nm,1.1s			pmax	pmax		
DL2	comp=Z,670nm,4.1s			LR	LR		
DL2	comp=Z,480nm,16.5s			LR	LR		
DL2	comp=Z,410nm,17.6s			LR	LR		
K24K	Donnelly Dome	81.34	12	P	P	13 15 35.9	-0.9
WHY	Whitehorse	81.34	18	P	P	13 15 36.3	-0.6
IMW	Indian Meadow	81.36	40	Iamb	Iamb	13 15 49.7	
N30M	Aishik Lake	81.36	17	P	P	13 15 35.6	-1.4
G18K	Tagagawik	81.40	6	P	P	13 15 35.8	-1.2
LOHW	Long Hollow	81.42	41	Iamb	Iamb	13 15 49.8	
H20K	Anoteega Mo	81.44	7	P	P	13 15 36.0	-1.2
NEA2	Nenana	81.45	10	IAMs_20	IAMs_20	13 46 52.7	
NEA2	Nenana	81.45	10	P	P	13 15 36.2	-1.1
SAND	Sanderson	81.48	56	Iamb	Iamb	13 15 45.6	
L27K	Beaver Creek	81.53	14	IAMs_20	IAMs_20	13 55 09.2	
L27K	Beaver Creek	81.53	14	P	P	13 15 37.8	0.0
I21K	Tanana	81.53	9	P	P	13 15 36.6	-1.1
MLY	Manley	81.58	9	P	P	13 15 38.0	0.0
R33M	Jennings River	81.59	20	P	P	13 15 36.0	-2.3
P33M	Teslin, Yukon	81.62	19	P	P	13 15 36.8	-1.6
HDA	Harding Lake	81.66	11	P	P	13 15 36.6	-1.8
BW06	Boulder Array	81.67	42	P	P	13 15 37.4	-1.9
PD31	Pinedale Array	81.67	42	P	P	13 15 39.4	+0.1
PDAR	Pinedale Array	81.67	42	P	P	13 15 42.5	+3.3
PDAR	comp=Z,2.2nm,0.8s,baz=207,slow=3.4,SNR=12			LR	LR	13 46 05.5	
F17K	Baldwin Pennin	81.71	5	P	P	13 15 36.8	-1.8
SMCO	Snowmass	81.71	46	Iamb	Iamb	13 15 56.9	
SMCO	comp=Z,23nm,1.2s			IAMs_20	IAMs_20	13 45 01.1	
N31M	Stratum, Yuko	81.75	17	P	P	13 15 37.7	-1.3
BOZ	Bozeman (W)	81.80	38	Iamb	Iamb	13 15 53.2	
BOZ	comp=Z,34nm,1.6s			IAMs_20	IAMs_20	13 44 17.5	
BOZ	Bozeman (W)	81.80	38	P	P	13 15 40.5	+0.7
G19K	Purcell Mounta	81.81	6	P	P	13 15 37.9	-1.2
M29M	Somme Creek	81.82	15	P	P	13 15 38.0	-1.4
H17A	Grant Village	81.83	40	P	P	13 15 40.7	+0.6
SCRK	Sand Creek	81.85	12	P	P	13 15 39.2	-0.4
H21K	Melozitna Rive	81.87	8	P	P	13 15 39.0	-0.5
I23K	Minto, Yukon-K	81.91	10	P	P	13 15 41.3	+1.6
I23K	comp=Z,19nm,1.2s			IAMs_20	IAMs_20	13 52 26.0	
I23K	comp=Z,783nm,19.0s			P	P	13 15 39.4	-0.2
I23K	Minto, Yukon-K	81.91	10	P	P	13 15 41.3	+1.6
COLA	College	81.92	11	Iamb	Iamb	13 15 45.0	
COLA	comp=Z,22nm,0.8s			IAMs_20	IAMs_20	13 46 25.1	
COLA	College	81.92	11	P	P	13 15 39.0	-0.7
COLA	College	81.92	11	eP	eP	13 15 41.7	+2.0
MDM	Murphy Dome	81.93	10	IAMs_20	IAMs_20	13 45 35.5	
F18K	Selawik	82.00	5	P	P	13 15 40.2	+0.1
ILAR	Eielson Array	82.00	11	P	P	13 15 40.9	+0.8
ILAR	Eielson Array	82.00	11	P	P	13 15 42.5	+2.3
SDCO	Great Sand Dun	82.11	48	Iamb	Iamb	13 15 56.2	
SDCO	comp=Z,15nm,1.2s			IAMs_20	IAMs_20	13 43 57.0	
SDCO	Great Sand Dun	82.11	48	P	P	13 15 41.6	-0.1
J25K	Salcha River,	82.14	12	P	P	13 15 41.3	+0.3
POKR	Poker Plat Res	82.22	11	P	P	13 15 41.8	+0.5
POKR	Poker Plat Res	82.22	11	P	P	13 15 41.9	+0.6
N32M	Quiet Lake	82.27	18	P	P	13 15 41.2	-0.6
E17K	Hotham Inlet	82.29	4	P	P	13 15 42.5	+0.8
H22K	Ishtaitna Cre	82.30	9	P	P	13 15 42.7	+0.9
SEY	Seymchan	82.30	345	LR	LR	13 47 14.1	
SEY	comp=Z,589nm,20.7s,baz=137,slow=32			pmax	pmax	13 15 43.1	+1.3
K27K	Chicken	82.31	13	P	P	13 15 41.9	+0.1
M30M	Minto, Yukon	82.36	16	Iamb	Iamb	13 15 54.0	
M30M	Minto, Yukon	82.36	16	P	P	13 15 42.8	+0.6
F19K	Shalerucki Mo	82.40	6	P	P	13 15 41.5	-0.7
J26L	Joseph Creek	82.41	12	P	P	13 15 42.9	+0.5
L29M	L29M	82.46	15	P	P	13 15 43.8	+1.2
DRI0	Del Rio	82.49	57	Iamb	Iamb	13 15 55.5	
H23K	Yukon River	82.51	9	P	P	13 15 42.5	-0.3
MSTX	Muleshoe	82.55	52	P	P	13 15 43.5	-0.4
G21K	Allakaket	82.59	8	Iamb	Iamb	13 15 55.5	
G21K	Allakaket	82.59	8	P	P	13 15 42.9	-0.3
T25A	Trinidad	82.63	49	Iamb	Iamb	13 16 03.1	
T25A	Trinidad	82.63	49	P	P	13 15 42.5	-2.0
OZNA	Ozona	82.64	55	Iamb	Iamb	13 15 56.2	
M31M	Drury Creek, Y	82.72	17	P	P	13 15 43.1	-0.9
E18K	Tukpahleark C	82.72	4	P	P	13 15 55.2	

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E18K	Tukpahleark C	82.72	5	P	P	13 15 43.3	-0.6
H24K	Noodor Dome	82.80	10	IAMs_20	IAMs_20	13 47 44.3	
H24K	Noodor Dome	82.80	10	P	P	13 15 42.3	-2.1
D17K	Noatak River	82.82	4	P	P	13 15 43.1	-1.2
F20K	Avarart Lake	82.83	7	Iamb	Iamb	13 15 59.0	
F20K	Avarart Lake	82.83	7				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SIRR, ANTO, SARR, BZS, RETA, HERR, WATA, KBA, WTAA, SQTA, DAVA, SOKA, MDRV, FETA, OBKA, MYKA, ABTA, FRGS, MMAI, BOVS, PDG, PESTR, EVO, PNCEL, MESJ, ESDC, TIP, CART, TORD, TORD.

IDC 02 13:21:12.7s, 6.21' 21S; 178.70W, h518km, 61km, mb2.8/6, mbmp3.87, Error ellipse: s-maj=29.7km s-min=25.5km az=20.0

ISC 02 13:21:11.4s, 0.8, 21' 2S; 0.2x178.7W, h202, h500km, n13, 0.890/12, mb3.4/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include URZ, ASAR, ASAR, WRA, QSPA, NVAR, ILAR, PDAR, HFS, AKASG, EKA, BRTR, MMAI, GERES.

JMA 02 13:37:10.9, 0.1, 23' 9N; 05:12' 2E, h15km, 2km, MV3, 1/14, TAIWAN REGION
ASIES 02 13:37:11.8, 23' 95N; 121' 48E, h18km, ML3.7, Mw3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ETM, ETM, HWA, HWA, LXIB, LXIB, TEYL, TEYL, ESL, ESL, SHUL, SHUL, TWD, TWD, WARBT, WARBT, ETL, ETL, NACB, NACB, NACB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EGFH, EGFH, OWD, OWD, WHF, WHF, CHGB, CHGB, WUSB, WUSB, WVDS, WVDS, WVDT, WVDT, TWT, TWT, EHP, EHP, TDCB, TDCB, EAHA, EAHA, EHSD, EHSD, EHY, EHY, EHY, EHY, NNSB, NNSB, NNSH, NNSH, WPL, WPL, WPL, WPL, NNS, NNS, NNS, NNS, SSLL, SSLL, SSLL, SSLL, DPDB, DPDB, WCS, WCS, SMLT, SMLT, SMLT, SMLT, EWUT, EWUT, YULB, YULB, YULB, YULB, YULC, YULC, TYC, TYC, LATG, LATG, LATG, LATG, WHP, WHP, WHP, WHP, EYUL, EYUL, EYUL, EYUL, TWFI, TWFI, ECBN, ECBN, WHYT, WHYT, WHYT, WHYT, NDT, NDT, NDT, NDT, ENT, ENT, ENT, ENT, ESAO, ESAO, ESAO, ESAO, WJS, WJS, WJS, WJS, NDS, NDS, NDS, NDS, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, TWC, TWC, WNT, WNT, WNT, WNT, WNT1, WNT1, WNT1, WNT1, CHKH, CHKH, FULB, FULB, ALS, ALS, ALS, ALS, NFF, NFF, EOSA, EOSA, TWQ1, TWQ1, TCU, TCU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TCU, TCU, TWE, TWE, TWE, TWE, FUSB, FUSB, FUSB, FUSB, NSY, NSY, NSST, NSST, EOSE, EOSE, EOSE, EOSE, LIOB, LIOB, EHD, EHD, NWT, NWT, NWT, NWT, CHKT, CHKT, ELDT, ELDT, NMLH, NMLH, ECS, ECS, WDJ, WDJ, WDK, WDK, WDLH, WDLH, WDLH, WDLH, WCKO, WCKO, WCKO, WCKO, SBCB, SBCB, SBCB, SBCB, HSN, HSN, HSN, HSN, EGS, EGS, EGS, EGS, STYH, STYH, STYH, STYH, CHN4, CHN4, CHN4, CHN4, NHDH, NHDH, NHDH, NHDH, TPUB, TPUB, TPUB, TPUB, WRL, WRL, WRL, WRL, TATO, TATO, TATO, TATO, WTK, WTK, WTK, WTK, NCUH, NCUH, WTP, WTP, WTP, WTP, TIPB, TIPB, LONT, LONT, LONT, LONT, WTC, WTC, WTC, WTC, TWK, TWK, TWK, TWK, TWB1, TWB1, TWB1, TWB1, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, TWS1, TWS1, TWS1, TWS1, SNST, SNST, SNST, SNST, CHN1, CHN1, CHN1, CHN1, TWG, TWG, TWG, TWG, TWGB, TWGB, TWGB, TWGB, SGST, SGST, SGST, SGST, SXI1, SXI1, SXI1, SXI1, YM01, YM01, YM01, YM01, WSF, WSF, WSF, WSF, WSF, WSF, WSF, WSF, NTST, NTST, NTST, NTST, SLGT, SLGT, SLGT, SLGT, TNOU, TNOU, TNOU, TNOU, WSL, WSL, WSL, WSL, ANP, ANP, ANP, ANP, YMO8, YMO8, YMO8, YMO8.

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GCAM	G7zcelcm?	1.42	323	Pn	Pn	14 45 43.2 +0.3
GCAM	G7zcelcm?	1.42	323	P	P	14 45 42.5 -0.4
INCE	Denizli-Bozkur	1.51	41	P	Pg	14 45 46.7 +0.4
INCE				S	Sg	14 46 06.2 +0.3
INCE				i	AML	14 46 13.0
INCE	comp=E,242nm,0.4s			i	AML	14 46 13.0
INCE	comp=E,478nm,0.6s			i	AML	14 46 17.0
INCE	comp=E,354nm,0.7s			i	AML	14 45 46.3 -0.2
IZMR	zmir-demi	1.58	349	P	Pb	14 45 46.3 -0.2
IZMR				S	Sg	14 46 08.7 +0.5
IZMR				i	AML	14 46 15.0
IZMR	comp=E,183nm,1.1s			i	AML	14 46 17.0
IZMR	comp=E,257nm,0.6s			i	AML	14 46 19.0
IZMR	comp=E,224nm,0.6s			i	AML	14 46 19.0
KIRA	zmir-Kiraz	1.62	2	P	P	14 45 46.3 +0.5
KIRA				S	Sn	14 46 07.9 +0.6
KIRA				i	AML	14 46 18.0
KIRA	comp=E,196nm,0.8s			i	AML	14 46 20.0
KIRA	comp=E,222nm,0.7s			i	AML	14 46 22.0
KIRA	comp=E,180nm,0.5s			i	AML	14 46 22.0
SMG	Samos	1.64	314	P	Pn	14 45 45.4 -0.6
SMG				S	Sn	14 46 07.1 +0.1
SMG				i	AML	14 46 16.6
SMG	comp=N,1566um,0.4s			i	AML	14 46 18.6
ODEM	Odemis-izmir	1.71	354	Pn	Pn	14 45 47.7 +0.7
ODEM	zmir	1.86	323	P	P	14 45 48.5 +0.9
DGB				S	Sb	14 46 15.8 +1.2
MANT	Manisa	1.92	6	P	P	14 45 51.0 +1.0
MANT				S	Sn	14 46 12.1 -2.3
KULA	Kula-Manisa	1.95	8	Pn	Pn	14 45 50.9 +0.5
KULA	Kula-Manisa	1.95	8	P	P	14 45 50.9 +0.5
ISLA				S	Sn	14 46 15.3 +0.3
ZEVE	Izmir, Urla-Ze	2.20	319	P	Pn	14 45 52.8 -0.9
ZEVE				S	Sn	14 46 23.0 +2.1
ZKR	Zakros	2.25	230	P	P	14 45 53.3 +0.9
ZKR				S	AML	14 46 24.1 +2.0
ZKR	comp=E,0.9nm,0.8s			i	AML	14 46 36.2
ZKR	comp=E,0.4nm,0.5s			i	AML	14 46 39.8
ZKR	Zakros	2.25	230	P	Pn	14 45 55.1 +0.8
ZKR				S	AML	14 46 23.4 +1.3
ZKR				i	AML	14 46 37.3
ZKR	comp=E,904um,0.8s			i	AML	14 46 41.0
URLA	Izmir	2.25	323	Pn	Pn	14 45 55.3 +0.9
APE	Apeiranthos	2.29	283	P	Pn	14 45 54.2 -0.8
APE	Apeiranthos	2.29	283	P	Pn	14 45 54.6 -0.4
APE				S	Sn	14 46 23.7 +0.5
APE				i	AML	14 46 25.0
APE	comp=N,156um,0.7s			i	AML	14 46 27.0
APE	comp=E,108um,0.5s			i	AML	14 46 27.0
GORD	Gordes-Manisa	2.33	357	Pn	Pn	14 45 56.4 +0.8
THR3	Thira Island,	2.36	267	P	Pn	14 45 55.8 0.0
THR6	Thira Island,	2.37	266	P	Pn	14 45 56.5 +0.5
THR5	Thira Island,	2.40	267	P	Pn	14 45 57.2 +0.7
CHOS	Chios Island,	2.55	316	P	Pn	14 45 58.0 -0.6
SHUT	Shut-Afyon	2.65	41	Pn	Pn	14 46 01.3 +1.3
SEYD	Seydisehir-KON	2.94	73	Pn	Pn	14 46 05.5 +1.6
IDI	Anoia	3.06	246	Pn	Pn	14 46 06.9 +1.2
IDI	Anoia	3.06	246	P	Pn	14 46 06.9 +1.2
IDI				S	Sn	14 46 43.2 +0.8
IDI	comp=E,88nm,0.4s			Pn	Pn	14 46 05.7 0.0
IDI	comp=E,11nm,0.3s,baz=58,slow=18,SNR=27			S	Sn	14 46 41.9 -0.4
IDI	comp=E,13nm,0.3s,baz=0.0,slow=8.1,SNR=10			P	Pn	14 46 06.0 +0.3
IDI	Anoia	3.06	246	P	Pn	14 46 06.0 +0.3
IDI				S	Sn	14 46 42.9 +0.5
IDI				i	AML	14 46 46.3
IDI	comp=E,237um,0.4s			i	AML	14 46 48.6
PRK	Paraskevi	3.12	329	P	Pn	14 46 05.3 -1.0
GAZI	Gazipasa	3.24	95	Pn	Pn	14 46 09.4 +1.4
SIGR	SIGRI	3.27	324	P	Pn	14 46 08.8 +0.3
SUSR	Susurluk-Balik	3.39	357	Pn	Pn	14 46 10.3 +0.3
AKMS	Akamaks	3.62	114	Pn	Pn	14 46 13.7 +0.5
AKMS				S	AML	14 46 56.6 +0.7
AKMS				i	AML	14 47 02.6
AKMS	comp=N,0.2nm,0.4s			i	AML	14 47 05.4
AKMS	comp=N,0.1nm,0.6s			i	AML	14 46 13.3 -0.9
IMMV	lera Moni Meta	3.69	254	P	Pn	14 46 58.6 +1.0
IMMV				S	Sn	14 46 13.3 -0.9
IMMV	comp=N,108nm,0.6s			Pn	Pn	14 46 14.8 +0.7
IMMV	lera Moni Meta	3.69	254	P	Pn	14 46 58.3 +0.7
IMMV				S	AML	14 47 07.6
IMMV	comp=E,159um,0.6s			i	AML	14 47 08.8
ALFC	Alefka	3.75	111	P	Pn	14 46 15.3 +0.2
ALFC				S	Sn	14 47 00.9 +1.6
ALFC				i	AML	14 47 01.5
ALFC	comp=N,0.1nm,0.6s			i	AML	14 47 05.2
NATA	Nata	3.90	116	P	Pn	14 46 17.8 +0.7
NATA				S	Sn	14 47 04.4 +1.6
NATA				i	AML	14 47 11.6
NATA	comp=N,0.2nm,0.4s			i	AML	14 47 12.0
TROD	Troodos	4.04	112	P	Pn	14 46 19.6 +0.4
TROD				i	AML	14 47 17.7
TROD	comp=N,0.1nm,0.4s			i	AML	14 47 22.5
TROD	comp=N,0.1nm,0.4s			i	AML	14 47 22.5
APOL	The Sanctuary	4.16	116	P	Pn	14 46 20.9 +0.2
CSS	Mathiatis	4.38	110	P	Pn	14 46 23.8 +0.1
CSS	Mathiatis	4.38	110	P	Pn	14 46 23.2 -0.5
CSS	Mathiatis	4.38	110	P	Pn	14 46 22.8 -0.9
ASGA	Asgata	4.39	103	P	Pn	14 46 24.9 +1.1
ASGA				S	Sn	14 47 16.2 +1.2
MVOU	Mavrovouni	4.59	108	P	Pn	14 46 26.5 -0.1
BRTR	Keskin Array B	5.24	52	Pn	Pn	14 46 39.0 +3.4
BRTR	comp=N,0.5nm,0.3s,baz=238,slow=18,SNR=9.4			S	Sn	14 47 38.0 +1.9
BRTR	baz=220,slow=28			S	Sn	14 47 38.0 +1.9
BRTR	comp=N,1.2nm,0.4s			S	Sn	14 47 38.0 +1.9
HNTI	Hanita	6.63	120	S	Pn	14 48 06.6 -3.5
HNTI	Hanita	6.63	120	P	Pn	14 46 53.9 -0.7
OFRI	Ofer	7.67	123	P	Pn	14 48 03.1 -0.7
OFRI	Ofer	7.67	123	S	Sn	14 48 11.9 -1.7
MMCT	Mount Meron ar	6.81	119	P	Pn	14 46 56.6 -0.6
MMAB	Mount Meron ar	6.83	119	P	Pn	14 46 56.8 -0.6
MMAB	Mount Meron ar	6.83	119	S	Pn	14 48 12.8 -2.2
MMAI	Mount Meron ar	6.83	119	Pn	Pn	14 46 57.1 -0.2
MMAI	comp=N,5.5nm,0.3s,baz=907,slow=12,SNR=54.5			S	Sn	14 48 11.4 -3.7
GEM	Giv'at Ha'Em	6.91	117	S	Pn	14 48 14.9 -2.1
GEM	Giv'at Ha'Em	6.91	117	P	Pn	14 46 57.7 -0.7
NATI	Neve Ativ	6.93	116	P	Pn	14 46 58.9 +0.4
NATI	Neve Ativ	6.93	116	S	Pn	14 48 14.7 -2.9
KSHT	Keshet	7.13	118	S	Pn	14 48 20.3 -2.3
KSHT	Keshet	7.13	118	P	Pn	14 47 01.2 -0.3
MMLI	Mount Malkishu	7.17	123	P	Pn	14 47 01.2 -0.9
MMLI	Mount Malkishu	7.17	123	P	Pn	14 48 21.1 -2.0
HMDT	Nahal Hemdat	7.35	124	P	Pn	14 47 03.9 -0.6
HMDT	Nahal Hemdat	7.35	124	S	Sn	14 48 26.1 -1.9
AMAZ	Amatzia	7.43	131	P	Pn	14 47 04.6 -1.1
AMAZ	Amatzia	7.43	131	S	Pn	14 48 27.9 -2.0
KZIT	Kziot	7.49	136	P	Pn	14 47 06.9 -0.9
YTIR	Yatir	7.67	131	P	Pn	14 48 11.1 -0.9
YTIR	Yatir	7.67	131	S	Pn	14 48 34.1 -1.9
DSI	Dead Sea	7.70	128	P	Pn	14 47 08.2 -1.1
DSI	Dead Sea	7.70	128	S	Pn	14 48 34.4 -2.0
MDBI	Madsada	7.86	130	P	Pn	14 47 10.0 -1.4
MSBI	Mazada	7.86	130	P	Pn	14 47 10.4 -1.0
MSBI	Mazada	7.86	130	S	Pn	14 48 38.1 -2.2
PRNI	Paran	8.35	136	S	Pn	14 47 17.0 -1.2

PRNI	Paran	8.35	136	S	Pn	14 48 50.0 -2.5
KRMI	Paran Flat	8.38	138	P	Pn	14 47 17.3 -1.3
KRMI	Paran Flat	8.38	138	S	Pn	14 48 51.2 -2.0
HRFI	Mount Harif	8.61	137	P	Pn	14 47 20.6 -1.2
HRFI	Mount Harif	8.61	137	S	Pn	14 48 56.5 -2.3
EIL	Eilat	8.85	139	P	Pn	14 47 24.9 -0.8
EIL	comp=N,1.0nm,0.3s,baz=324,slow=4.2,SNR=15			S	Sn	14 48 59.0 -5.2
EIL	comp=N,0.9nm,0.4s,baz=326,slow=16,SNR=4.6			S	Sn	14 48 59.0 -5.2
EIL	comp=N,2.9nm,0.4s			S	Pn	14 47 23.9 -1.2
EIL	Eilat	8.85	139	S	Pn	14 49 01.0 -3.8
GERES	GERESS Array B	16.27	323	Pn	P	14 49 09.0 +0.3
FINES	FINESS Array B	24.93	357	P	P	14 50 41.1 +1.0
FINES	comp=N,0.2nm,0.3s,baz=139,slow=14,SNR=4.5			S	Pn	14 50 41.1 +1.0
FINES	comp=N,0.3nm,0.5s			S	Pn	14 50 41.1 +1.0
FINES	comp=N,2.1nm,0.7s,baz=163,slow=10.0,SNR=8.2			S	Pn	14 50 41.1 +1.0
FINES	comp=N,2.1nm,0.7s			S	Pn	14 50 41.1 +1.0
HFS	Hagfors	25.38	343	P	P	14 50 43.2 -1.0
HFS	comp=N,0.9nm,0.7s,baz=143,slow=19,SNR=2.4			S	Pn	14 50 43.2 -1.0
HFS	comp=N,0.9nm,0.7s			S	Pn	14 50 43.2 -1.0
TORD	Tordi Ar. Bea	33.37	233	P	P	14 51 55.8 +0.1
TORD	comp=N,0.5nm,0.4s,baz=41,slow=9.3,SNR=3.4			S	Pn	14 51 55.8 +0.1
TORD	comp=N,0.5nm,0.4s			S	Pn	14 51 55.8 +0.1

ICD 02 14:49:18.6±1.1, 1.33N, 125.58E, h0km, mb4.07, mbtmp4.07, Error ellipse: s-maj=65.5km s-min=16.4km az=78.0

NEIC 02 14:49:27.9±1.6, 1.42N, 0.08x125.81E±0.09, h82km±7km, mb4.2/11, Error ellipse: s-maj=14.7km s-min=8.7km

DJA 02 14:49:28.0±0.3, 1.1N±0.3, 121.6E±, h64km±7km, M3.8/12, mb3.8/1, mb5.4/1, MLV3.9/12, Mw(mB)4.9/1

ISC 02 14:49:25.7±0.7, 1.34N±0.06, 125.79E±0.06, h54km±n33, ±184/33, mb4.2/14, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TNTI	Ternate	1.67	110	Op	ISC	
TNTI	Ternate	1.67	110	P	Pn	14 49 57.7 +3.1
KMSI	Cibinong	1.86	247	P	Pn	14 49 55.4 +2.8
SGSI	Sangihe	2.35	354	P	Pn	14 50 04.6 +2.7
LBMI	Labuha	2.60	139	P	Pn	14 50 08.0 +2.6
LBMI				S	Sn	14 50 37.6 +1.8
GTOI	Gorontalo	2.87	256	P	Pn	14 50 13.1 +4.1
SAI	Samarinda	3.37	177	P	Pn	14 50 16.9 +0.9
LUWI	Luwuk	3.84	232	P	Pn	14 50 22.4 +0.1
TOLJ	Tolitoli	5.02	167	Pn	Pn	14 50 40.8 +2.3
FAKI	Fak Fak	7.71	123	Pn	Pn	14 51 17.2 +1.7
PMBI	Palembang	21.44	159	P	P	14 54 10.6 +1.0
WBO	Warramunga Arr	22.61	259	P	P	14 54 21.9 -0.2
WBO				i	Iamb	14 54 23.9
WBO	comp=Z,9.9nm,0.9s			i	Iamb	14 54 22.9 -0.7
WRAB	Tennant Creek	22.74	159	P	P	14 54 25.3
WRAB				i	Iamb	14 54 25.3
WRA	Warramunga Arr	22.75	159	P	P	14 54 22.6 -1.0
WRA	Warramunga Arr	22.75	159	P	P	14 54 23.1 -0.5
WRA	comp=Z,6.3nm,0.6s,baz=338,slow=10,SNR=51			P	P	14 54 23.5 -0.2
WB2	Warramunga Arr	22.75	159	P	P	14 54 24.9
WB2				i	Iamb	14 54 24.9
WB2	comp=Z,1.6nm,1.1s			P	P	14 54 24.9 -1.1
COEN	Coen	22.97	132	P	P	14 54 55.1 +0.7
AS31	Alice Springs	26.07	163	P	P	14 54 58.7
AS31				i	Iamb	14 54 58.7
ASAR	Alice					

RC01	comp=E,503nm,0.7s Rabbit Creek A baz=349	2.18 168	P	Pn	15 00 27.0 +0.3
L19K	White Mountain	2.20 244	Pn	Pn	15 00 27.2 +0.2
L19K	White Mountain baz=60	2.20 244	Pn	Pn	15 00 27.2 +0.2
K24K	Donnelly Dome baz=257	2.26 73	P	Pn	15 00 28.2 +0.5
IL31		2.27 45	P	Pn	15 00 27.9 +0.1
ILAR	Eielson Array comp=E,56nm,0.4s,baz=228,slow=12,SNR=1151	2.27 45	P	Pn	15 00 27.9 +0.1
ILAR	LF1 comp=E,55nm,0.8s,baz=222,slow=22,SNR=9.7		S	Sn	15 00 56.0 -0.6
ILAR	LR		LR	LR	15 01 04.0
I20K	comp=E,92nm,19.3s,baz=304,slow=32	2.31 315	P	Pn	15 00 28.6 +0.4
I20K	Naaghedeneel	2.31 315	IAML		15 00 58.4
I20K	comp=N,285nm,0.6s		IAML		15 00 58.4
I20K	Naaghedeneel	2.31 315	P	Pn	15 00 28.6 +0.4
J19K	Pooman	2.35 291	Pn	Pn	15 00 29.3 +0.5
J19K	comp=E,162nm,1.2s		IAML		15 00 59.1
J19K	comp=N,349nm,0.7s		IAML		15 00 59.2
J19K	Pooman baz=107	2.35 291	P	Pn	15 00 29.2 +0.5
M24K	Tolsona, Glenn	2.35 116	Pn	Pn	15 00 29.4 +0.5
M24K	comp=N,602nm,1.0s		IAML		15 01 09.2
M24K	Tolsona, Glenn baz=300	2.35 116	P	Pn	15 00 29.4 +0.5
POKR	Poker Plat Res	2.37 35	P	Pn	15 00 29.4 +0.4
POKR	Poker Plat Res baz=218	2.37 35	P	Pn	15 00 29.4 +0.4
PAX	Paxson	2.37 94	P	Pn	15 00 29.3 +0.2
PAX	Paxson baz=278	2.37 94	P	Pn	15 00 29.3 +0.2
CAPN	Captain Cook N	2.48 186	P	Pn	15 00 32.4 +2.1
CAPN	Captain Cook N baz=56	2.48 186	P	Pn	15 00 32.4 +2.1
H21K	Melozitna Rive	2.62 340	Pn	Pn	15 00 32.5 +0.3
H21K	Melozitna Rive baz=158	2.62 340	Pn	Pn	15 00 32.5 +0.3
HARP	HAARP	2.66 106	P	Pn	15 00 32.9 +0.2
HARP	HAARP baz=290	2.66 106	P	Pn	15 00 32.9 +0.2
H23K	Yukon River	2.66 10	Pn	Pn	15 00 33.3 +0.6
H23K	comp=E,157nm,0.6s		IAML		15 01 06.0
H23K	comp=N,122nm,0.8s		IAML		15 01 06.1
H23K	Yukon River baz=131	2.66 10	P	Pn	15 00 33.2 +0.6
H22K	Ishlitalina Cre	2.70 354	P	Pn	15 00 33.7 +0.5
H22K	Ishlitalina Cre baz=173	2.70 354	P	Pn	15 00 33.7 +0.5
J25K	Salcha River	2.72 57	Pn	Pn	15 00 33.6 +0.1
J25K	comp=E,542nm,0.5s		IAML		15 01 08.0
J25K	Salcha River, baz=241	2.72 57	P	Pn	15 00 33.6 +0.1
SLKM	Skink Lake	2.73 175	Pn	Pn	15 00 33.8 +0.1
J18K	Innokko River	2.74 278	Pn	Pn	15 00 34.2 +0.5
J18K	comp=N,168nm,0.7s		IAML		15 01 08.6
J18K	comp=E,224nm,1.2s		IAML		15 01 08.6
J18K	Innokko River baz=92	2.74 278	P	Pn	15 00 34.2 +0.5
O22K	Cooper Landing	2.79 170	P	Pn	15 00 34.2 0.0
O22K	Cooper Landing baz=352	2.79 170	P	Pn	15 00 34.3 0.0
KLU	Klutina	2.81 126	Pn	Pn	15 00 34.0 -0.6
KLU	comp=E,403nm,0.4s		IAML		15 01 19.9
KLU	comp=N,386nm,0.6s		IAML		15 01 22.6
KLU	Klutina baz=310	2.81 126	P	Pn	15 00 34.0 -0.6
NCT	North Crescent	2.88 203	Pn	Pn	15 00 36.1 +0.5
H24K	Noodor Dome	2.89 23	Pn	Pn	15 00 36.0 +0.4
H24K	Noodor Dome baz=206	2.89 23	Pn	Pn	15 00 35.8 +0.2
GLI	Glacier Island	2.89 143	Pn	Pn	15 00 35.0 -0.6
GLI	Glacier Island baz=326	2.89 143	Pn	Pn	15 00 35.0 -0.6
H20K	Anotleneega Mo	2.93 323	P	Pn	15 00 36.1 0.0
H20K	Anotleneega Mo baz=139	2.93 323	P	Pn	15 00 36.1 0.0
RSO	Redoubt South	2.94 201	Pn	Pn	15 00 37.0 +0.5
L18K	Granite Mounta	2.96 253	P	Pn	15 00 36.9 +0.4
L18K	Granite Mounta comp=E,38nm,0.7s	2.96 253	P	Pn	15 00 36.5 +0.1
L18K	Granite Mounta baz=68	2.96 253	P	Pn	15 00 36.9 +0.4
M18K	Stony River	2.97 237	Pn	Pn	15 00 36.5 -0.1
M18K	Stony River baz=52	2.97 237	Pn	Pn	15 00 36.5 -0.1
RED	Redoubt Volcan	2.99 201	Pn	Pn	15 00 37.0 0.0
DOT	Dot Lake	2.99 79	Pn	Pn	15 00 36.8 -0.2
N19K	Bonanza Creek	3.02 218	Pn	Pn	15 00 37.9 +0.5
N19K	comp=E,133nm,0.8s		IAML		15 01 21.4
N19K	comp=N,89nm,0.7s		IAML		15 01 42.7
N19K	Bonanza Creek baz=39	3.02 218	P	Pn	15 00 37.8 +0.5
SCRK	Sand Creek	3.07 73	Pn	Pn	15 00 38.3 +0.2
SCRK	Sand Creek baz=258	3.07 73	Pn	Pn	15 00 37.9 -0.2
GCSA	Galena City Sc	3.14 302	Pn	Pn	15 00 39.4 +0.6
GCSA	Galena City Sc baz=116	3.14 302	Pn	Pn	15 00 39.4 +0.6
SVW2	Sparrevohn	3.15 230	P	Pn	15 00 38.9 0.0
SVW2	Sparrevohn comp=E,87nm,0.8s	3.15 230	IAML		15 00 39.2 +0.2
SVW2			IAML		15 01 17.1
FID	Port Fidalgo	3.17 140	Pn	Pn	15 00 38.6 -0.6
MENT	Mentasta	3.17 92	Pn	Pn	15 00 39.9 +0.7
MENT	Mentasta comp=N,328nm,0.5s	3.17 92	IAML		15 00 39.1 -0.1
MENT			IAML		15 01 26.9
WACK	Wrangell Chich	3.18 110	Pn	Pn	15 00 39.4 -0.1
SEW	Seward	3.18 169	Pn	Pn	15 00 39.3 -0.1
SEW	Seward baz=350	3.18 169	Pn	Pn	15 00 39.3 -0.1
PRP	Porcupine Dome	3.21 42	Pn	Pn	15 00 39.9 +0.1
PRP	comp=N,125nm,0.5s		IAML		15 01 20.2
PRP	comp=E,139nm,0.7s		IAML		15 01 21.4
PRP	Porcupine Dome baz=226	3.21 42	P	Pn	15 00 39.9 +0.1
WAZA	Wrangell Mount	3.21 108	Pn	Pn	15 00 39.5 -0.6
N25K	Chitina, Valde	3.25 117	Pn	Pn	15 00 40.4 0.0
N25K	comp=N,195nm,0.7s		IAML		15 01 21.6
N25K	comp=E,158nm,0.3s		IAML		15 01 21.8
N25K	Chitina, Valde baz=303	3.25 117	P	Pn	15 00 40.4 0.0
O20K	Slope Mountain	3.29 197	Pn	Pn	15 00 41.3 +0.4
O20K	Slope Mountain baz=16	3.29 197	Pn	Pn	15 00 41.3 +0.4
L26K	Log Cabin Wild	3.33 90	Pn	Pn	15 00 41.4 +0.1
L26K	Log Cabin Wild baz=276	3.33 90	Pn	Pn	15 00 41.4 +0.1
J26L	Joseph Creek	3.39 65	Pn	Pn	15 00 42.4 +0.2
J26L	Joseph Creek baz=251	3.39 65	P	Pn	15 00 42.4 +0.2
IVE	Iliamna Volcan	3.41 200	Pn	Pn	15 00 42.3 -0.2
H19K	Roundabout Mou	3.42 315	Pn	Pn	15 00 42.6 +0.2
H19K	Roundabout Mou baz=130	3.42 315	Pn	Pn	15 00 42.6 +0.2
HIN	Hinchinbrook I	3.45 143	Pn	Pn	15 00 42.5 -0.5
BRLL	Bradley Lake	3.47 182	IAML		15 00 43.7 +0.4
BRLL	Bradley Lake comp=E,243nm,0.6s	3.47 182	IAML		15 01 35.7
BRSE	Bradley Lake S	3.49 181	P	Pn	15 00 43.6 +0.1
G23K	Bananza Creek	3.51 4	Pn	Pn	15 00 44.3 +0.6
G23K	comp=N,81nm,0.7s		IAML		15 01 26.6

G23K	Bananza Creek baz=184	3.51 4	P	Pn	15 00 44.3 +0.6
G21K	Allakaket	3.52 341	P	Pn	15 00 44.4 +0.6
G21K	Allakaket	3.52 341	P	Pn	15 00 44.4 +0.6
K17K	Iditarod	3.53 265	Pn	Pn	15 00 44.1 +0.2
K17K	Iditarod comp=N,74nm,0.8s	3.53 265	IAML		15 01 25.6
K17K	comp=E,105nm,0.9s		IAML		15 01 26.0
K17K	Iditarod baz=78	3.53 265	P	Pn	15 00 44.1 +0.2
EYAK	Cordova Ski Ar	3.55 137	P	Pn	15 00 44.4 +0.3
EYAK	Cordova Ski Ar baz=32	3.55 137	P	Pn	15 00 44.1 0.0
N18K	Kilae Creek	3.55 226	Pn	Pn	15 00 44.5 +0.2
N18K	comp=E,62nm,1.0s		IAML		15 01 26.5
N18K	comp=N,65nm,1.1s		IAML		15 01 27.6
N18K	Kilae Creek baz=42	3.55 226	P	Pn	15 00 44.5 +0.2
P23K	Montague Islan	3.59 153	P	Pn	15 00 44.2 -0.5
P23K	Montague Islan baz=338	3.59 153	P	Pn	15 00 44.2 -0.5
HOM	Homer	3.61 188	Pn	Pn	15 00 45.6 +0.7
HOM	Homer baz=74	3.61 188	P	Pn	15 00 45.6 +0.7
M26K	Nabesna, AK	3.61 100	IAML		15 00 44.8 -0.3
M26K	Nabesna, AK comp=E,122nm,0.4s	3.61 100	IAML		15 01 45.5
M26K	comp=N,155nm,0.5s		IAML		15 01 45.5
M26K	Nabesna, AK baz=286	3.61 100	P	Pn	15 00 44.8 -0.3
BMRM	Bremner River	3.63 126	P	Pn	15 00 44.3 -1.1
BMRM	Bremner River baz=107	3.63 126	P	Pn	15 00 44.3 -1.1
M17K	Holtna River	3.66 243	Pn	Pn	15 00 44.5 -0.3
M17K	Holtna River comp=N,129nm,0.8s	3.66 243	IAML		15 01 48.8
M17K	comp=E,92nm,0.8s		IAML		15 02 07.8
M17K	Holtna River baz=57	3.66 243	P	Pn	15 00 45.3 -0.3
GLB	Gilahina Butte	3.66 116	Pn	Pn	15 00 45.4 -0.2
GLB	Gilahina Butte comp=E,133nm,0.8s	3.66 116	IAML		15 01 28.4
GLB	comp=N,159nm,0.8s		IAML		15 01 29.9
L17K	Donlin	3.69 256	P	Pn	15 00 46.1 +0.1
L17K	Donlin baz=70	3.69 256	P	Pn	15 00 46.0 0.0
H25L	Birch Creek	3.69 32	Pn	Pn	15 00 46.5 +0.5
H25L	Birch Creek baz=216	3.69 32	P	Pn	15 00 46.5 +0.5
CNPM	China Poot	3.72 185	Pn	Pn	15 00 46.7 +0.2
G22K	Bettles	3.73 355	P	Pn	15 00 47.2 +0.6
G22K	Bettles	3.73 355	P	Pn	15 00 47.2 +0.6
G24K	Hadweenzic Riv	3.74 20	Pn	Pn	15 00 46.9 +0.2
G24K	Hadweenzic Riv comp=E,51nm,1.4s	3.74 20	IAML		15 01 31.5
G24K	comp=N,64nm,0.9s		IAML		15 01 31.9
G24K	Hadweenzic Riv baz=202	3.74 20	P	Pn	15 00 46.9 +0.2
P19K	Oil Pt	3.79 200	Pn	Pn	15 00 47.8 +0.4
P19K	Oil Pt comp=N,182nm,0.6s	3.79 200	IAML		15 01 50.4
P19K	Oil Pt baz=18	3.79 200	P	Pn	15 00 47.8 +0.4
J17K	VABM Dome	3.81 276	Pn	Pn	15 00 47.9 +0.4
J17K	comp=E,49nm,1.0s		IAML		15 01 33.6
J17K	VABM Dome baz=89	3.81 276	P	Pn	15 00 47.9 +0.4
I26K	Coal Creek Min	3.88 54	Pn	Pn	15 00 48.6 +0.1
I26K	Coal Creek Min comp=E,109nm,0.9s	3.88 54	IAML		15 01 33.5
I26K	comp=N,181nm,0.7s		IAML		15 01 35.8
I26K	Coal Creek Min baz=241	3.88 54	P	Pn	15 00 48.4 -0.1
H18K	Honhosa River	3.89 303	Pn	Pn	15 00 49.1 +0.4
H18K	Honhosa River baz=116	3.89 303	P	Pn	15 00 48.9 +0.3
K27K	Chicken	3.91 74	P	Pn	15 00 48.8 -0.1
K27K	Chicken baz=262	3.91 74	P	Pn	15 00 48.8 -0.1
VRDI	Verde Repeater	3.92 117	IAML		15 01 54.1
VRDI	comp=N,114nm,1.0s		IAML		15 01 57.9
VRDI	comp=E,72nm,0.8s		IAML		15 01 38.7
L27K	Beaver Creek	4.01 88	IAML		15 01 44.8
L27K	comp=N,50nm,0.8s		IAML		15 01 44.8
L27K	comp=E,54nm,0.6s		IAML		15 00 49.9 -0.3
L27K	Beaver Creek, baz=276	4.01 88	P	Pn	15 00 49.9 -0.3
MCARA	McCarthy VSAT	4.01 114	IAML		15 00 50.5 +0.2
MCARA	McCarthy VSAT comp=N,207nm,0.9s	4.01 114	IAML		15 01 58.9
MCARA	comp=N,189nm,0.9s		IAML		15 02 00.9
MCARA	McCarthy VSAT baz=301	4.01 114	P	Pn	15 00 50.5 +0.2
RAGM	Ragged Mountai	4.02 132	IAML		15 00 50.0 -0.4
O18K	Koktuh Hills	4.02 215	IAML		15 01 39.4
O18K	comp=N,42nm,1.4s		IAML		15 02 19.1
O18K	Koktuh Hills baz=31	4.02 215	P	Pn	15 00 51.1 +0.7
COLD	Coldfoot	4.03 3	P	Pn	15 00 50.9 +0.5
COLD	Coldfoot baz=183	4.03 3	P	Pn	15 00 50.9 +0.5
G19K	Purcell Mounta	4.03 320	Pn	Pn	15 00 50.5 +0.1
G19K	Purcell Mounta baz=134	4.03 320	P	Pn	15 00 50.5 +0.1
G25K	Bearman Lake	4.05 26	P	Pn	15 00 50.9 +0.2
G25K	Bearman Lake baz=210	4.05 26	P	Pn	15 00 50.9 +0.2
FYU	Fort Yukon	4.07 32	IAML		15 00 51.2 +0.2
FYU	Fort Yukon comp=N,59nm,0.9s	4.07 32	IAML		15 01 39.7
FYU	comp=N,46nm,0.9s		IAML		15 02 01.9
AU22	Augustine Moun	4.08 200	Pn	Pn	15 00 51.8 +0.7
AU22	Augustine Lava				

2d 15h

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANCK, SAMH, J29N, L29M, D22K, D22K, D23K, D23K, I29M, I29M, M14K, M14K, J14K, J14K, K29M, K29M, E18K, E18K, L14K, L14K, D24K, O15K, O15K, D20K, D20K, H29M, H29M, D19K, D19K, G15K, G15K, OHAH, OHAH, OHAH, C21K, C21K, BCPM, N14K, N14K, E27K, E27K, F28M, F28M, D25K, D25K, M30M, M30M, O29M, O29M, J30M, J30M, PNL, PNL, PNL, O14K, O14K, G29M, G29M, YUK7, F15K, F15K, I30M, I30M, N30M, N30M, C24K, C24K, K13K, B21K, B21K, HYT, M13K, M13K, C23K, C23K, EPYK, S11, S11, C19K, C19K, C18K, C18K, C27K, C27K, E28M, E28M, C26K, C26K, G30M, G30M, P29M, P29M, F14K, F14K, D27M, D27M, P30M, P30M, B22K, B22K, B20K, B20K, C17K, C17K, E29M, E29M, H31M, H31M, F30M, F30M, F30M, D28M, D28M.

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Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G31M, G31M, C16K, C16K, CHGN, CHGN, A22K, A22K, F29M, F29M, S31K, S31K, S1T, S1T, S1T, S1T, S32K, S32K, C36M, C36M, A36M, A36M, YKA, YKA, BILL, BILL, RES, RES, PETK, PETK, NVAR, NVAR, DAG, DAG, SPTS, SPTS, TXAR, TXAR, ARCES, ARCES, KSRS, KSRS, ZALV, ZALV, FINES, FINES, HFS, HFS, EKA, EKA, KURBB, KURBB, MKAR, MKAR, AKASO, AKASO, URZ, URZ, ASAR, ASAR, ASAR, ASAR, WRA, WRA, QSPA, QSPA, MJAR, MJAR, PETK, PETK, KSRS, KSRS, USRK, USRK, NVAR, NVAR, ILAR, ILAR, PDAR, PDAR, CMAR, CMAR, YKA, YKA, BVAR, BVAR, ARCES, ARCES, FINES, FINES, NOA, NOA, HFS, HFS, AKASO, AKASO, EKA, EKA, BRTR, BRTR, MMAI, MMAI, MMAI, MMAI, TORD, TORD.

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Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, URZ, ASAR, ASAR, WRA, WRA, MAW, MAW, HFS, HFS, AFI, AFI, NIUE, NIUE, PINNC, PINNC, OUCEN, OUCEN, URZ, URZ, WHZ, WHZ, STKA, STKA, WRA, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, MTN, MTN, MTN, MTN, FORT, FORT, FORT, FORT, SOEI, SOEI, PSA00, PSA00, PSA00, PSA00, SBA, SBA, VNSA, VNSA, VNSA, VNSA, MJAR, MJAR, MJAR, MJAR, CASY, CASY, CASY, CASY, KSRS, KSRS, QSPA, QSPA, QSPA, QSPA, NVAR, NVAR, NVAR, NVAR, SUA, SUA, SUA, SUA, BNX, BNX, BNX, BNX, TXAR, TXAR, TXAR, TXAR, ANMO, ANMO, CCB, CCB, CCB, CCB, SCRK, SCRK, SCRK, SCRK, ILAR, ILAR, ILAR, ILAR, J25K, J25K, J25K, J25K, F19K, F19K, F19K, F19K, PDAR, PDAR, PDAR, PDAR, PRP, PRP, MAW, MAW, HHC, HHC, HHC, HHC, YKA, YKA, YKA, YKA, PZH, PZH, PZH, PZH, CMAR, CMAR, CMAR, CMAR, ELIB, ELIB, TROLL, TROLL, SNA, SNA, SNA, SNA, SNA, SNA, SNA, SNA, VNA3, VNA3, VNA2, VNA2, VNA1, VNA1, MKAR, MKAR, KURBB, KURBB, ARCES, ARCES, EKA, EKA, AKASO, AKASO, OSTC, OSTC, DPC, DPC, MORC, MORC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAUC Maruska, PRUC Pruhonice, VRAC Vranov, etc.

MOS 02 16:28:55.2±1.3, 4.62N, 126.62E, h9km, mb5.6/65, MS5.2/45, Error ellipse: s-maj=8.1km s-min=4.0km az=115.2
IDC 02 16:28:56.3±2.4, 4.60N, 126.66E, h12km, 14km, mb4.9/30, mbmp4.9/32, ML4.9/2, MS5.1/64, Error ellipse: s-maj=17.9km s-min=10.4km az=74.0
NEIC 02 16:28:59.6±2.1, 4.59N, 0.06E, 126.66E±0.04, h23km, 3km, mb5.6/31, Ms, 2.0, 5.4/933, Mw5.6/736, Error ellipse: s-maj=9.7km s-min=4.8km az=197.0
NEIC 02 16:29:00.1, 4.61N, 126.68E, h30km, Moment Tensor Solution: Duration: 364 Moment tensor: Scale 1017Nm; Mx:3.68; My:1.08; Mz:-4.76; Mxx:1.04; Myy:-3.01; Mzz:-0.25; Fault plane solution: Ms:5.15000±0.17 NP1:48.50000°, 552.69000°, 127.41000°. NP2:48.1760000°, 550.82000°, 151.44000°. Principal axes: T 4.2709, Plg1.0000°, Azm21.0000°; N 1.7647, Plg29.0000°, Azm204.0000°; P -6.0356, Plg1.0000°, Azm113.0000°
NEIC 02 16:29:00.1, 4.61N, 126.68E, h30km IGP 02 16:29:01.0, 4.57N, 126.69E, h30km, Mw5.7, Fault plane solution: NP1:48.70000°, 559.00000°, 155.00000°. NP2:48.2380000°, 543.00000°, 152.00000°. NP3:48.2380000°, 543.00000°, 152.00000°
DJA 02 16:29:02.6±0.3, 4.59N, 127.7E, h44km, 3km, Ms, 6/96, mb5.8/96, mb6.0/85, MLv5.9/14, Mw5.8/18, Mw(mb)5.7/85, MwMw5.5/62, Mw5.6/762
GCMT 02 16:29:02.6±0.1, 4.59N, 0.01E, 126.76E±0.01, h28km, Mw5.8/156, Moment Tensor Solution. s151.c323; s156.c304; Duration: 159 Moment tensor: Scale 1017 Nm; Mx:3.61±0.06; My:1.21±0.05; Mz:-4.81±0.05; Mxx:2.65±1.1; Myy:-3.25±0.4; Mzz:1.74±1.0; Best double couple: Mx:6.27900±0.107 NP1:48.3510000°, 560.00000°, 142.00000°. NP2:48.2370000°, 554.00000°, 143.00000°. NP3:48.2370000°, 554.00000°, 143.00000°. Principal axes: T 6.2990, Plg50.0000°, Azm206.0000°, N 0.0240, Plg40.0000°, Azm19.0000°, P -6.2620, Plg3.0000°, Azm112.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 02 16:29:03.0±0.3, 4.52N, 126.69E±0.04, h53km, 2km, h54km; pP-P, N1659, e2011201, mb5.5/311, MS5.4/566, 80C-37D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGY Tagaytay City, TGY Tagaytay City, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GZH comp=Z,6um,21.6s, GZH comp=Z,7um,17.7s, CBJI comp=Z,562nm,0.9s, etc.

2d 16h

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Nakatsue, Pulusu Batu, KCSA, SRDT, AS31, ASAR, etc.

2018 JUN

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MAJO, MAJQ, MAJW, MAJX, MAJY, MAJZ, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SANY, SANY, SANY, SANY, SANY, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WAKE ISLAND, Gold Coast, Asahikawa, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like LIFNC LIFOU, LIFNC LIFOU, Ouen Toro, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like UZB Uzunbulak, MAKZ Makanchi, PRZ Przhval'sk, etc.

N20K	baz=261,SNR=26	81.77	29	P	P	16 41 15.4	-0.7
G21K	Mount Spurr baz=264	81.81	23	P	P	16 41 15.6	-0.5
B21K	Allakaket baz=262	81.85	20	P	P	16 41 15.9	-0.3
E21K	Ikpiqok River baz=261,SNR=98	81.90	22	P	P	16 41 16.9	+0.3
HOM	Killik River baz=262	81.91	30	P	P	16 41 16.4	-0.2
F21K	Home baz=265	81.92	23	P	P	16 41 16.9	+0.3
PPLA	Alatna River baz=262,SNR=22	81.95	27	P	P	16 41 16.7	-0.4
A22K	Purkeyay baz=264,SNR=18	81.96	19	P	P	16 41 16.9	+0.2
H21K	Sinclair Lake baz=260,SNR=33	81.99	24	IAMB	IAMB	16 41 34.7	
H21K	Melozitna Rive comp=Z,56nm,1.1s			IAMS_20	IAMS_20	17 20 17.0	
H21K	comp=Z,1,um,20.0s						
H21K	Melozitna Rive baz=263,SNR=48	81.99	24	P	P	16 41 17.1	+0.1
CHUM	Lake Minchumir baz=264,SNR=32	82.00	26	P	P	16 41 17.0	0.0
CAST	Castle Rocks comp=Z,89nm,1.0s	82.05	27	IAMB	IAMB	16 41 34.5	
CAST	Castle Rocks baz=264,SNR=45	82.05	27	P	P	16 41 17.5	+0.1
CNPM	China Poot comp=Z,64nm,0.9s	82.11	31	IAMB	IAMB	16 41 29.4	
SKMT	comp=Z,1,um,22.0s			IAMS_20	IAMS_20	17 15 20.5	
SKT	Skwentna comp=Z,46nm,1.0s	82.17	28	IAMB	IAMB	16 41 31.1	
SKT	comp=Z,1,um,21.0s			IAMS_20	IAMS_20	17 17 24.9	
SKT	Skwentna baz=265,SNR=25	82.17	28	P	P	16 41 17.5	-0.6
CAPN	Captain Cook N comp=Z,2,um,20.0s	82.25	29	IAMS_20	IAMS_20	17 14 02.1	
CAPN	Captain Cook N baz=265	82.25	29	P	P	16 41 17.5	-0.9
I21K	Tanana comp=Z,92nm,1.0s	82.28	25	IAMB	IAMB	16 41 36.2	
I21K	Tanana baz=264	82.28	25	P	P	16 41 18.1	-0.4
BRLL	Bradley Lake comp=Z,89nm,1.0s	82.30	30	IAMB	IAMB	16 41 30.7	
BRLL	comp=Z,1,um,21.0s			IAMS_20	IAMS_20	17 16 50.3	
VOI	Vohitsoka comp=Z,1,um,20.0s	82.33	247	P	P	16 41 18.1	-1.8
VOI				IAMS_20	IAMS_20	17 14 20.6	
GOF	comp=Z,1,um,20.0s						
B22K	Gofitskoye comp=Z,73nm,0.9s	82.34	315	eP	P	16 41 31.0	+1.2
B22K	Teshhepuk Lake baz=262,SNR=39	82.37	20	IAMB	IAMB	16 41 35.7	
B22K	Teshhepuk Lake baz=262,SNR=39	82.37	20	P	P	16 41 18.7	-0.1
BRSE	Bradley Lake S baz=266,SNR=43	82.37	30	P	P	16 41 18.2	-1.0
KBZ	Khabaz comp=Z,3.0nm,0.8s,baz=87,slow=9.4,SNR=5.2	82.42	313	P	P	16 41 18.2	-1.4
KBZ	comp=Z,1,um,21.9s,baz=73,slow=38			LR	LR	17 21 08.2	
KBZ	Khabaz comp=Z,3.0nm,0.8s	82.42	313	eP	P	16 41 20.3	+0.7
D22K	Aiykyak River baz=263,SNR=24	82.43	21	P	P	16 41 19.0	-0.2
F22K	John River baz=264,SNR=58	82.45	23	P	P	16 41 18.8	-0.6
SUA	Susitna One baz=266,SNR=56	82.50	29	P	P	16 41 18.8	-1.1
KVAR	Kislovodsk Arr baz=277,11nm,18.5s,baz=236,slow=40	82.56	314	LR	LR	17 24 10.4	
KIV	Kislovodsk comp=Z,2,um,20.0s	82.57	314	IAMS_20	IAMS_20	17 22 24.9	
KIV	Kislovodsk comp=Z,2,um,20.0s	82.57	314	dIP	P	16 41 21.1	+0.5
KIV						16 41 24.0	
KIV						16 46 18.3	
KIV						16 51 37.0	+3.1
KIV						16 52 44.4	
KIV						16 57 05.0	+8.8
KIV	comp=Z,22nm,0.7s			MLR	MLR		
FOMA	comp=Z,2,um,20.0s						
FOMA	Nahampoana Res comp=Z,35nm,0.8s	82.60	244	IAMB	IAMB	16 41 52.7	
FOMA	comp=Z,2,um,22.0s			IAMS_20	IAMS_20	17 12 35.7	
H22K	Ishaltin Ore baz=264,SNR=59	82.60	24	P	P	16 41 19.9	-0.3
BPAW	Bear Paw Mtn. comp=Z,88nm,1.0s	82.60	26	IAMB	IAMB	16 41 34.5	
BPAW	Bear Paw Mtn. baz=265,SNR=61	82.60	26	P	P	16 41 20.5	+0.2
E22K	Anaktuvuk Pass comp=Z,7.6nm,1.0s	82.66	22	IAMB	IAMB	16 41 44.0	
E22K	Anaktuvuk Pass baz=264	82.66	22	P	P	16 41 20.5	-0.1
MLY	Manley comp=Z,60nm,1.0s	82.79	25	IAMB	IAMB	16 41 45.0	
MLY	Manley baz=265,SNR=106	82.79	25	P	P	16 41 21.3	+0.1
CUT	Chulitna baz=266,SNR=5.6	82.79	28	P	P	16 41 21.6	+0.4
M22K	Willow baz=266,SNR=22	82.82	28	P	P	16 41 21.0	-0.3
TRF	Thorofar Moun baz=266,SNR=27	82.86	27	P	P	16 41 21.1	-0.7
O22K	Cooper Landing baz=267,SNR=15	82.93	30	P	P	16 41 21.6	-0.3
RC01	Rabbit Creek A comp=Z,50nm,1.0s	82.96	29	IAMB	IAMB	16 41 47.7	
RC01	comp=Z,1,um,20.0s			IAMS_20	IAMS_20	17 18 24.9	
RC01	Rabbit Creek A baz=267,SNR=19	82.96	29	P	P	16 41 21.7	-0.5
GURO	Guroymak-BITLI comp=Z,45nm,0.9s	83.03	308	IAMB	IAMB	16 41 45.2	
SEW	Seward baz=267,SNR=18	83.04	30	P	P	16 41 22.1	-0.5
ATD	Arta Tunnel comp=Z,15nm,21.6s,baz=76,slow=35	83.16	21	LR	LR	17 16 58.9	
D23K	Nanushuk River baz=265	83.16	21	P	P	16 41 23.0	0.0
COLD	Coldfoot baz=265,SNR=43	83.19	23	P	P	16 41 23.5	+0.3
G23K	Bananza Creek baz=266,SNR=70	83.22	23	P	P	16 41 23.6	+0.1
C23K	Iklikik River comp=Z,1,um,21.0s	83.26	20	IAMS_20	IAMS_20	17 21 07.4	
C23K	Iklikik River baz=265,SNR=79	83.26	20	P	P	16 41 23.7	+0.1
PMR	Palmer baz=265,SNR=29	83.28	29	P	P	16 41 24.1	+0.4
PMR	Palmer baz=267,SNR=17	83.28	29	P	P	16 41 22.9	-0.9
H23K	Yukon River baz=266,SNR=80	83.35	24	P	P	16 41 24.0	-0.1
VRH	Novokhoporysk comp=Z,80nm,0.6s	83.35	321	eP	P	16 41 23.4	-0.9
VRH							
I23K	Minto, Yukon-K comp=Z,1,um,21.0s	83.38	25	IAMS_20	IAMS_20	17 17 02.7	
I23K	Minto, Yukon-K baz=266,SNR=62	83.38	25	P	P	16 41 24.0	-0.2
GHO	Glory Hole Cre comp=Z,80nm,1.1s	83.39	28	IAMB	IAMB	16 41 38.8	
GHO	comp=Z,1,um,22.0s			IAMS_20	IAMS_20	17 16 29.1	
NEA2	Nenana comp=Z,70nm,1.0s	83.47	26	IAMB	IAMB	16 41 42.5	
NEA2	Nenana baz=267,SNR=72	83.47	26	P	P	16 41 24.1	-0.7
MCK	McKinley baz=267,SNR=32	83.48	26	P	P	16 41 24.4	-0.4
RND	Reindeer comp=Z,1,um,22.0s	83.50	27	IAMS_20	IAMS_20	17 15 38.0	
TOLK	Toolik La Re baz=266,SNR=47	83.53	21	P	P	16 41 25.1	0.0
KNK	Knik Glacier comp=Z,1,um,20.0s	83.59	29	IAMS_20	IAMS_20	17 19 05.7	
KNK	Knik Glacier baz=268,SNR=42	83.59	29	P	P	16 41 24.9	-0.5
WAT1	Susitna Watana baz=267	83.61	27	P	P	16 41 24.8	-0.8
SML	Sawmill comp=Z,1,um,22.0s	83.67	28	IAMS_20	IAMS_20	17 16 44.6	
SML	comp=Z,1,um,22.0s						
D42K	Happy Dome comp=Z,71nm,1.1s	83.84	21	P	P	16 41 26.4	-0.1
MDM	Murphy Dome comp=Z,41nm,1.0s	83.85	25	IAMB	IAMB	16 41 42.6	
WRH	Wood River Hill comp=Z,33nm,0.9s	83.89	26	IAMB	IAMB	16 41 41.9	
E24K	Your Creek comp=Z,38nm,0.9s	83.90	22	IAMB	IAMB	16 41 54.4	
E24K	Your Creek baz=267,SNR=41	83.90	22	P	P	16 41 26.7	-0.2
C24K	Frank Bluff baz=266	83.92	20	P	P	16 41 26.5	-0.3
M23K	Glacier View baz=268,SNR=33	83.96	28	P	P	16 41 26.8	-0.5
WAT6	Susitna Watana baz=268,SNR=99	83.97	28	P	P	16 41 27.2	-0.4
LABN	Labinsk comp=Z,26nm,0.5s	83.98	314	eP	P	16 41 28.2	+0.4
LABN	LABN comp=Z,26nm,0.5s					16 51 47.0	+0.3
LABN	LABN comp=N,5,um,22.0s			MLR	MLR		
LABN	LABN comp=Z,3,um,23.0s			MLR	MLR		
COLA	College comp=E,1,um,20.0s	84.01	25	P	P	16 41 29.6	+2.2
COLA	College comp=Z,47nm,1.0s	84.01	25	dIP	P	16 41 26.6	-0.8
COLA	College comp=Z,21nm,0.9s	84.01	25	dIP	P	16 41 26.0	-1.4
COLA	College comp=Z,930nm,19.0s	84.01	25	P	P	16 41 29.6	+2.2
CCB	Clear Creek Bu comp=Z,1,um,20.0s	84.02	26	IAMS_20	IAMS_20	17 21 43.6	
H24K	Noodor Dome comp=Z,59nm,0.9s	84.03	24	IAMB	IAMB	16 41 53.5	
H24K	Noodor Dome comp=Z,1,um,20.0s	84.03	24	P	P	16 41 27.5	-0.2
P23K	Montague Islan baz=269,SNR=18	84.07	30	P	P	16 41 27.9	+0.1
F24K	Squaw Lake baz=268,SNR=62	84.10	23	P	P	16 41 28.2	+0.2
ERBR	Yeremizino-62 comp=Z,54nm,1.1s	84.15	315	eP	P	16 41 25.4	-3.2
ERBR	Sheep Creek Mo baz=269,SNR=47	84.15	28	P	P	16 41 28.4	+0.1
DHY	Denali Highway comp=Z,43nm,1.0s	84.16	27	IAMB	IAMB	16 41 43.5	
DHY	Denali Highway comp=Z,2,um,22.0s	84.16	27	P	P	16 41 28.6	+0.1
POKR	Poker Plat Res comp=Z,33nm,0.9s	84.19	25	IAMB	IAMB	16 41 46.2	
POKR	Poker Plat Res comp=Z,1,um,20.0s	84.19	25	P	P	16 41 28.3	-0.1
POKR	Poker Plat Res baz=268,SNR=7.4	84.19	25	P	P	16 41 28.1	-0.1
VNDA	Vanda comp=Z,8.0nm,0.8s,baz=334,slow=1.6,SNR=31	84.20	173	P	P	16 41 27.2	-0.9
VNDA	Vanda comp=Z,1,um,20.1s,baz=342,slow=36	84.20	173	LR	LR	17 19 03.5	
VNDA	Vanda comp=Z,8.0nm,0.8s	84.20	173	P	P	16 41 28.1	-0.1
G24K	Hadweenzic Riv baz=269,SNR=106	84.23	24	P	P	16 41 28.6	0.0
GLI	Glacier Island baz=269,SNR=28	84.24	29	P	P	16 41 28.6	-0.1
HDA	Harding Lake comp=Z,41nm,0.8s	84.38	26	IAMB	IAMB	16 41 54.6	
HDA	Harding Lake baz=269,SNR=95	84.38	26	P	P	16 41 28.3	-1.0
IL31	comp=Z,27nm,1.0s	84.42	25	IAMB	IAMB	16 42 01.8	
ILAR	Eielson Array comp=Z,25nm,1.1s,baz=254,slow=4.6,SNR=76	84.42	25	P	P	16 41 27.8	-1.8
ILAR	Eielson Array comp=Z,25nm,1.1s,baz=254,slow=4.6,SNR=76	84.42	25	P	P	16 41 27.2	-2.3
ILAR	comp=Z,0.3nm,0.7s,baz=131,slow=1.6,SNR=4.5			PKKPbc	PKKPbc	16 59 46.8	+3.0
MAW	Mawson comp=Z,730nm,21.2s,baz=59,slow=33	84.47	200	LR	LR	17 15 51.5	
VSLR	Vesolyoye comp=Z,80nm,1.2s	84.50	313	eP	P	16 41 29.8	-0.6
M24K	Tolsona, Glenn comp=Z,1,um,20.0s	84.70	28	IAMS_20	IAMS_20	17 18 17.7	
M24K	Tolsona, Glenn baz=270,SNR=32	84.70	2				

2d 16h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like CTGM, APA, F28M, E28M, etc.

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like N31M, PLBC, ARAD, etc.

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like MEF, SORM, WRAK, etc.

Table with columns: NOA, Name, Time, P, P, and Value. Includes entries like NORARS Array B, North Greenlan, NEEM, etc.

Table with columns: SOKA, DBO, KRPM, KHC, KHC, KHC, KHC, MOA, GERES, NKK, OBKA, HUMO, IO4A, LTY, BIOA, MOXA, YBH, BO8A, SBO, KCA, IO5D, PRED, TIP, SUMG, G06A, SABO, E07A, LESA, GRF, J05D, F07A, HAWA, ABTA, D08A, E08A, C09A, CIMO, WTTA, CEL, WATA, HATC, PAOL, SQTA, MOTA, E09A, GUMA, ORV, CTI, FDMO, FETA, STU, AFDM, CESX, TROLL, TROLL, TROLL, FUIOR, FUIOR, WVOR, BMO, OSSO, CMB, PRMA, WAKR, PLID, ECH, MSSA, SNAE, SNAE, SNAE, SNAE, SNAE, SNAE, BELA, MDPB, RYN, MSO, LHV.

Table with columns: NVAR, NVAR, NVAR, NVAR, ILULI, BNN, BVN, BORG, DNCP, SHLD, EKA, EKA, ESK, VNA2, VNA2, GRAC, CCAC, VNA3, VNA3, VNA1, VNA1, BOZ, R11B, FFC, S11A, GSC, SSB, ELS, CLV, HFU, YNM, I09C, YNR, PFO, PMD, YMP, SPUT, TPW, BAR, TKX, SNOW, DUG, AHID, V12A, DSB, NLU, ESJX, CCUT, SZCU, UABX, VTX, PDAR, PDAR, PDAR, GLA, LAO, GUVIX, KNB, BSUT, PKCU, Q16A, P17A, SFX, P18A, SRU, 113A, CEST, Y14A, WUAZ, RWWY, 214A, X16A, X23A, E28A, PHWY, ISCO, BRIGG, HSG.

2d 16h

Table with columns: ID, Name, Value, Count, Status, Date, Time, etc. Includes entries like 224 Divide, AGMN Agassiz Nation, D32A Dogwood Acres, etc.

2018 JUN

Table with columns: ID, Name, Value, Count, Status, Date, Time, etc. Includes entries like 833A Chaparral WMA, C3M Cathedral Cave, 435B Jarrell, etc.

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Table with columns: ID, Name, Value, Count, Status, Date, Time, etc. Includes entries like BINY Binghamton, CLTN Cedars of Lebanon, U49A Red Boiling Sp, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCR2, BO04, MT02, etc.

IDC 02 16:39:18.9-0.6, 4.78N:126.80E, h0km, mb4.1/16, mbmp4.1/16, Error ellipse: s-maj=40.2km s-min=14.0km az=73.0

NEIC 02 16:39:24.6-2.3, 4.6N:0.1x126.4E:0.2, h35km, 1km, mb4-4/20, Error ellipse: s-maj=34.9km s-min=9.7km az=51.0

DJA 02 16:39:28.4-0.9, 4.1N:5.3x12.7E, h21km, 7km, M4.6/13, mb4.5/10, MLv4.7/13

ISC 02 16:39:29.4-0.5, 4.61N:0.06x126.73E:0.10, h85km, n50, c205/52, mb4.3/25, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV, TNTI, KMSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, KURBB, KURK, etc.

IDC 02 16:43:02.0-2.5, 4.70N:126.70E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=192.5km s-min=29.5km az=66.0, Talaud Islands

WRA Warramunga Arr 25.61 163 P P 16 49 33.2 -0.2

ASAR Alice Springs 29.05 166 P P 16 49 04.4 +0.2

MKAR Makanchi Array 56.75 325 P P 16 52 47.8 -0.1

IDC 02 16:44:47.1-1.7, 20.19S:70.83W, h0km, mb4.0/2, mbmp3.8/4, ML2.9/3, Error ellipse: s-maj=31.8km s-min=17.1km az=74.0

GUC 02 16:44:50.3-0.5, 20.21S:70.93W, h17km, 5km, ML3.6, m27, r1848/27, 4C-4D, Near coast of northern Chile

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

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

IDC 02 17:11:27.6-0.5, 4.61N:126.52E, h0km, mb4.2/27, mbmp4.2/26, ML4.3/1, MS3.5/8, Error ellipse: s-maj=24.3km s-min=11.1km az=78.0

NEIC 02 17:11:34.7-1.5, 4.64N:0.01x126.72E:0.08, h40km, 7km, mb4.7/21, Error ellipse: s-maj=12.0km s-min=1.5km az=82.0

DJA 02 17:11:36.0-0.3, 5.1N:3.3x12.7E, h49km, 3km, M4.8/37, m85.3/10, M4.8/37, MLv4.9/12, Mw(m)4.7/10

ISC 02 17:11:33.6-0.3, 4.67N:0.04x126.71E:0.06, h35km, n402, c151/380, mb4.7/95, MS3.5/7, 12, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV, TNTI, KMSI, etc.

2d 17h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Alice Springs, Gunungsitoli, Phrae, Warakurna, Enshi, etc.

2018 JUN

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Arslanbop, Kurchatov Arra, Kurchatov, Batken, etc.

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Styx River, Redoubt South, Knifedown Rid, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G24K Hadweencic Riv, G24K Hadweencic Riv, G24K Hadweencic Riv, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDRB Porto dos Gac, SNDB Serra Nova Dou, PLCA Paso Flores, etc.

Table of astronomical observations for 2018 JUN, including stations like AGG, ALN, KBZ, and various celestial objects like Agios Georgios, Khabaz, and others.

Table of astronomical observations for 2018 JUN, including stations like FINES, GSPA, HFS, NOA, EKA, SONM, HHC, HHC, NJ2, ASAR, YOJ, WRA, WB0, STKA, JUNU, TXAR, NVAR, and various celestial objects like FINESS Array B, South Pole Qu, Hagfors, and others.

Table of astronomical observations for 2018 JUN, including stations like FORT, SOEI, PSAO0, NWA0, MORW, MORW, SBA, SBA, VANDA, VANDA, MJAR, MJAR, CASY, CASY, PEAOB, PEAOB, PETK, PETK, SBUM, SBUM, SII, SII, GSPA, GSPA, KDAK, KDAK, O16K, O16K, NJ2, NJ2, NVAR, NVAR, ILAR, ILAR, J26L, J26L, TXAR, TXAR, PDAR, PDAR, BELA, BELA, HHC, HHC, HHC, HHC, MAW, MAW, PZH, PZH, PZH, PZH, CMAR, CMAR, LZH, LZH, LZH, LZH, TROLL, TROLL, SNA0, SNA0, SNA0, SNA0, VNA3, VNA3, VNA2, VNA2, VNA1, VNA1, BVAR, BVAR, FINES, FINES, BRTR, BRTR, VYHS, VYHS, ZVC, ZVC, GRF, GRF, KHC, KHC, GERES, GERES, MMAI, MMAI, CONA, CONA, MOA, MOA, LESA, LESA, WTTA, WTTA, MOTA, MOTA, FETA, FETA, IDC, IDC, DJA, DJA, NEIC, NEIC, FORT, FORT, FORT, FORT, TNTI, TNTI, TNTI, TNTI, LBTI, LBTI, LBTI, LBTI, KMSI, KMSI, KMSI, KMSI, GTOI, GTOI, GTOI, GTOI, NILOI, NILOI, NILOI, NILOI, LUWI, LUWI, LUWI, LUWI, SUI, SUI, SUI, SUI, FAKI, FAKI, FAKI, FAKI, BBSI, BBSI, BBSI, BBSI, BKSI, BKSI, BKSI, BKSI, KAPI, KAPI, KAPI, KAPI.

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

IDD 02 18:05:33.0-0.7, 3.90N, 125.13E, h0km, mb4.0/10, mbmp4.0/11, ML4.0/1, MS3.4/2, Error ellipse: s-maj=57.2km s-min=14.6km az=72.0

NEIC 02 18:05:37.6±2.6, 4.45N, 0.09E, 126.7E±0.1, h134km, 6km, mb4.4/17, Error ellipse: s-maj=15.1km s-min=12.2km az=82.0

ISC 02 18:05:33.8±0.6, 4.49N, 0.06E, 126.7E±0.1, h10km, n35, e1703/35, mb4.3/17, Talaud Islands

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

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

IDD 02 18:05:50.8±3.4, 2.16S, 70.40W, h0km, mb4.0/1, mbmp3.7/2, ML3.5/1, Error ellipse: s-maj=127.8km s-min=45.8km az=105.0

GUC 02 18:05:55.1±0.8, 20.21S, 70.90W, h32km, 3km, ML3.5, ISC 02 18:05:57.6±1.5, 20.27S, 0.03E, 70.72W, 0.07, h33km, 3km, n19, <=16/27, 3C-1D, Near coast of northern Chile

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

H03N1 Juan Fernandez 15.00 207 T T 18 24 47.0

H03N2 Juan Fernandez 15.02 207 T T 18 24 46.2

H03N3 Juan Fernandez 15.02 207 T T 18 24 47.3

TORD Torodi Arr. 78.56 71 P P 18 17 54.7 -1.6

MKAR Makanchi Array 145.60 33 PKPbc PKPpdf 18 25 32.4 -0.1

SJA 02 18:11:14.8±0.8, 20.23S, 70.82W, h31km, 5km, ML3.8, MV4.0

GUC 02 18:11:16.6±0.9, 20.22S, 70.87W, h23km, 11km, ML3.7

IDD 02 18:11:22.4±2.7, 20.18S, 70.38W, h63km, 25km, mb3.4/5, mbmp3.7/8, ML3.4/3, Error ellipse: s-maj=29.3km s-min=18.5km az=109.0

ISC 02 18:11:16.6±1.4, 20.21S, 0.03E, 70.77W, 0.05, h25km, 10km, n49, e154/58, mb4.0/5, 4C-3D, Near coast of northern Chile

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

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

NEIC 02 18:27:41.8±1.6, 12.96S, 0.08E, 45.7E±0.1, h10km, 1km, mb4.4/16, Error ellipse: s-maj=21.9km s-min=14.1km az=268.0

ISC 02 18:27:41.1±0.7, 13.03S, 0.08E, 45.7E±0.1, h10km, n26, e183/23, mb4.4/6, Northwest of Madagascar

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

JMA 02 18:32:24.9±0.1, 25.1N, 122.9E±0.5, h94km, 1km, MV3.1/19, NIW OFF ISHIGAKIJIMA IS

TAP 02 18:32:24.8, 24.55N, 122.91E, h94km, ML3.9, C ISC 02 18:32:25.2±1.2, 24.48N, 0.03E, 122.90E±0.02, h93km, 6km, n162, e130/37, 1C-1D, Taiwan region

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

2d 18h

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EOS4	baz=233		i	S	Sn	18 32 54.0 +1.1	TWY	Chenhua	1.43 304	P	Pn	18 32 50.9 +0.8	EHD	Haiduan	2.04 230	P	Pn	18 32 57.7 -0.3
IRIF	baz=233	Irifome-Funau	0.77 101	P	Pn	18 32 42.7 +0.2	TWY	baz=300		e	S	18 33 10.7 +1.7	EHD	baz=238		e	S	18 33 22.6 -0.6
HATJ	baz=233	Hateruma jima	0.92 117	P	Pn	18 32 44.9 +0.7	LXIB	Yulin Townshi	1.44 252	i	P	18 32 49.9 -0.5	TCU	baz=268		P	Pn	18 32 59.0 +0.7
HATJ	baz=233		0.96 293	e	S	18 32 59.5 +1.0	LXIB	baz=242		i	S	18 33 08.5 -1.0	TCU	baz=268		S	Sn	18 33 24.8 +1.3
HATJ	baz=233			P	Pn	18 32 45.0 +0.4	ANP	Anpu	1.44 300	e	Pn	18 32 50.7 +0.3	WDJ	Dajia District	2.07 267	i	P	18 32 59.3 +0.9
EGS	baz=283			S	Sn	18 32 58.3 -0.8	ANP	baz=290		e	S	18 33 09.9 +0.4	WDJ	baz=263		S	Sn	18 33 23.3 -0.4
TWC	baz=283	Suao	0.97 278	P	Pn	18 32 44.3 -0.4	TWS1	Kuangyinshan	1.49 295	e	Pn	18 32 51.2 +0.3	ECS	Chishang	2.07 229	e	Pn	18 32 58.7 +0.3
TWC	baz=277			i	S	18 32 57.3 -2.1	TWS1	baz=284		S	Sn	18 33 10.1 -0.2	ECS	baz=222		e	S	18 33 24.4 +0.7
ESAO	baz=277	Su ao	0.97 276	P	Pn	18 32 44.7 0.0	NTST	Danshui	1.49 298	e	Pn	18 32 51.5 +0.7	JIRB	JIRB	2.09 80	e	Pn	18 32 58.6 0.0
ESAO	baz=275			i	S	18 32 58.3 -1.1	NTST	baz=285		e	S	18 33 10.0 -0.3	JIRB	baz=249		e	S	18 33 23.2 -1.0
TWB1	baz=292	Santiiao Chiao	0.98 302	i	P	18 32 44.7 -0.2	ESL	Shilin	1.50 244	i	P	18 32 50.5 -0.6	WJS	Zhushan	2.09 252	e	Pn	18 33 00.4 +1.7
TWB1	baz=292			S	Sn	18 32 58.8 -0.9	ESL	baz=247		e	S	18 33 09.9 -0.7	WJS	baz=249		S	Sn	18 33 27.2 +2.9
EWUT	baz=292	Wuta	1.03 268	P	Pn	18 32 44.4 -1.0	FUSS	Fushou	1.53 262	P	Pn	18 32 51.8 +0.1	EDH	Donghe	2.10 225	e	Pn	18 32 58.0 -0.7
EWUT	baz=263			e	S	18 32 59.8 -0.7	FUSS	baz=258		e	S	18 33 11.2 -0.6	EDH	baz=220		S	Sn	18 33 23.1 -1.3
JKRS	baz=263	Kuro-shima	1.04 103	i	P	18 32 46.0 +0.6	FUSS	WHF	1.53 258	i	P	18 32 51.7 -0.2	WNT	Minglian	2.11 254	e	Pn	18 33 00.5 +1.5
JKRS	baz=258			S	Sn	18 33 01.5 +0.8	WHF	Hehuan Shan	1.53 258	i	P	18 33 11.2 -0.8	WNT	baz=251		S	Sn	18 33 26.7 +2.0
EAHA	baz=258	Aohua	1.07 262	i	P	18 32 45.8 -0.1	WHF	baz=261		i	S	18 33 11.2 -0.8	ALS	Alisan	2.15 244	e	Pn	18 33 01.1 +1.4
EAHA	baz=258			S	Sn	18 33 01.9 +0.5	WARBT	Fenglin Townsh	1.58 242	i	P	18 32 51.6 -0.5	ALS	baz=235		i	S	18 33 27.2 +1.1
ILA	baz=273	Ilan	1.09 285	e	P	18 32 46.4 +0.4	WARBT	baz=234		e	S	18 33 10.7 -1.8	ELDTW	Lidau	2.15 234	e	Pn	18 32 59.5 -0.1
ILA	baz=273			S	Sn	18 33 01.6 -0.2	TWT	Tachien	1.59 262	e	Pn	18 33 53.2 +0.8	ELDTW	baz=227		S	Sn	18 33 24.7 -1.2
NDS	baz=274	Dongshan	1.09 278	i	P	18 32 46.5 +0.4	TWT	Ikemajima		i	S	18 33 12.9 -0.1	JIKM	JIKM	2.18 78	e	Pn	18 33 00.1 +0.4
NDS	baz=274			S	Sn	18 33 00.9 -1.0	TDCB	JIMJ2	1.61 262	e	Pn	18 32 53.2 +0.7	JIKM	JIMJ2	2.22 83	P	Sn	18 33 25.8 -0.5
TIPB	baz=287	Shuangxi	1.10 297	i	P	18 32 46.1 -0.1	TDCB	Renai	1.63 256	i	Pn	18 33 13.0 -0.3	LDUT	Ludao	2.23 216	e	Pn	18 33 00.8 +0.5
TIPB	baz=287			e	S	18 33 01.0 -1.0	CHGB	Renai	1.63 256	i	Pn	18 32 53.2 +0.2	LDUT	baz=211		S	Sn	18 33 00.0 -0.5
SXI1	baz=287	Grass Mountain	1.12 303	i	P	18 32 46.5 +0.1	CHGB	baz=245		i	S	18 33 13.3 -0.7	LDUT	Longtian	2.26 226	i	P	18 33 25.8 -1.7
SXI1	baz=289			S	Sn	18 33 02.4 -0.1	NFF	Wufeng Townshi	1.63 276	i	Pn	18 32 53.2 +0.4	LONT	LONT	2.26 226	i	P	18 33 00.7 -0.2
JJW	baz=299	Ishigaki jima	1.14 96	P	Pn	18 32 46.6 0.0	NFF	baz=272		S	Sn	18 33 14.9 +1.1	LONT	baz=232		e	S	18 33 28.3 +0.1
JJW	baz=299			S	Sn	18 33 02.0 0.7	NCU	National Centr	1.64 288	e	Pn	18 32 52.5 -0.3	WGK	Gukeng	2.28 250	e	Pn	18 33 02.8 +1.6
TWE	baz=273	Neicheng	1.15 282	i	P	18 32 46.7 0.0	NCU	baz=274		i	S	18 33 12.8 -0.9	WGK	baz=247		e	S	18 33 30.7 -2.0
TWE	baz=273			S	Sn	18 33 02.1 -0.9	NCUH	Zhongli	1.64 288	P	Pn	18 32 53.0 +0.3	JOGS	Gusukube	2.29 82	e	Pn	18 33 01.9 +0.5
NWF	baz=288	Wu-fen Shan	1.18 300	i	P	18 32 47.4 +0.2	NCUH	baz=274		i	S	18 33 13.6 -0.2	JOGS	baz=231		S	Sn	18 33 28.7 0.3
NWF	baz=288			i	S	18 33 03.4 -0.4	NCUH	baz=274		i	S	18 33 13.6 -0.2	WDLH	Douliu	2.30 250	e	Pn	18 33 02.8 +1.4
WFSB	baz=288	Wu-fen Shan	1.18 300	i	P	18 32 47.4 +0.3	JTJ	Tarama	1.65 84	P	Pn	18 32 53.2 +0.4	WDLH	baz=259		i	S	18 33 30.5 +1.3
WFSB	baz=288			e	S	18 33 03.0 -0.7	JTJ	Renai	1.66 252	i	P	18 33 14.0 +0.1	STYH	Taoyuan	2.34 237	P	Pn	18 33 03.0 +1.0
ETL	baz=289	Fush Village	1.21 255	i	P	18 32 47.2 -0.3	OWD	Renai	1.66 252	i	P	18 32 53.3 0.0	STYH	baz=231		e	S	18 33 30.2 0.0
ETL	baz=289			e	S	18 33 04.0 -0.5	OWD	baz=244		e	S	18 33 13.5 -1.1	WCKO	Fanli	2.34 244	P	Pn	18 33 03.4 +1.4
TNOU	baz=251	National Taiwa	1.23 303	e	P	18 32 48.3 +0.7	HGSD	Ruisui	1.67 234	i	P	18 32 52.9 -0.3	WCKO	baz=249		i	S	18 33 32.3 +2.1
TNOU	baz=251			S	Sn	18 33 04.3 -0.3	HGSD	baz=228		i	S	18 33 14.6 0.0	WCKO	baz=249		S	Sn	18 33 02.4 +0.1
ENTT	baz=292	Nioudou	1.23 278	i	P	18 32 48.0 +0.2	WUSB	Renai	1.70 254	i	P	18 32 54.1 +0.3	TWGBT	Beinan	2.35 226	P	Pn	18 33 01.8 -0.3
ENTT	baz=292			e	S	18 33 04.3 -0.5	WUSB	baz=245		S	Sn	18 33 14.8 -0.6	TWGBT	Beinan	2.35 226	e	Pn	18 33 01.7 -0.4
FUSB	baz=273	Fushanzhiwuyua	1.23 283	i	P	18 32 48.0 +0.3	LIOB	Emei	1.73 276	P	Pn	18 32 54.6 +0.7	TTN	Taitung	2.35 224	P	Pn	18 33 02.2 0.0
FUSB	baz=273			i	S	18 33 04.6 -0.2	LIOB	baz=272		i	S	18 33 16.0 +0.2	TTN	baz=218		i	S	18 33 31.6 +1.1
NACB	baz=272	Ninganchiao	1.23 256	P	Pn	18 32 47.2 -0.6	EHYH	Wanrong	1.73 236	e	Pn	18 32 53.8 -0.2	TWG	Pinlang	2.36 226	P	Pn	18 33 01.6 -0.5
NACB	baz=272			P	Pn	18 32 47.4 -0.3	EHYH	baz=231		e	S	18 33 15.0 -0.9	TWG	baz=231		e	S	18 33 29.6 -1.0
NACB	baz=245			S	Sn	18 33 02.7 -2.1	NSST	Nanjiang	1.74 275	P	Pn	18 32 54.6 +0.6	WRL	Guollerlin Hig	2.38 257	i	P	18 33 03.0 +0.6
LATG	baz=245	Datong	1.26 273	P	Pn	18 32 48.4 +0.2	NSST	baz=272		S	Sn	18 33 15.5 -0.6	WRL	baz=253		S	Sn	18 33 30.7 -0.3
LATG	baz=269			i	S	18 33 05.5 0.0	EHY	Hungye	1.74 237	P	Pn	18 32 53.6 -0.5	TPUB	Ta-pu	2.39 241	P	Pn	18 33 04.1 +1.4
TWD	baz=248	Chiawan	1.26 252	i	P	18 32 47.6 -0.4	EHY	baz=234		e	S	18 33 15.0 -1.1	TPUB	Ta-pu	2.39 241	i	P	18 33 04.0 +1.4
TWD	baz=248			i	S	18 33 04.1 -1.2	ECBN	Changbin	1.76 229	P	Pn	18 32 54.2 -0.2	TPUB	baz=232		S	Sn	18 33 33.2 +1.9
NDT	baz=271	Datong Townshi	1.27 276	P	Pn	18 32 48.8 +0.5	ECBN	baz=221		i	S	18 33 15.8 -0.8	CHN4	Tsaushan	2.40 242	e	Pn	18 33 04.1 +1.4
NDT	baz=271			i	S	18 33 05.2 -0.5	VWDT	VWDT	1.77 246	i	P	18 32 54.9 +0.5	CHN4	baz=233		S	Sn	18 33 33.3 +1.9
JISG	baz=271	Ishigakijimahi	1.29 85	i	P	18 32 48.3 0.0	VWDT	baz=237		S	Sn	18 33 16.6 -0.1	WTK	Tuku	2.43 252	e	Pn	18 33 03.7 +0.6
JISG	baz=271			S	Sn	18 33 05.3 -0.7	SBCB	Hsinchu	1.77 281	e	Pn	18 32 55.2 +0.7	WTK	baz=259		e	S	18 33 32.7 +0.5
HWA	baz=244	Hwalien	1.29 247	P	Pn	18 32 48.5 +0.1	SBCB	baz=277		S	Sn	18 33 16.2 -0.6	WTP	Ta-pu	2.43 240	e	Pn	18 33 04.7 +1.6
HWA	baz=244			e	S	18 33 06.1 +0.2	HSN	Hsinchu	1.79 281	e	Pn	18 32 56.0 +1.3	WTP	baz=238		i	S	18 33 34.3 +2.0
TWA	baz=280	Mucha	1.30 293	e	P	18 32 48.8 +0.2	HSN	baz=278		e	S	18 33 16.5 -0.7	WTCT	Ta-cheng	2.47 256	e	Pn	18 33 04.3 +0.6
TWA	baz=280			S	Sn	18 33 05.8 -0.5	WHP	Taichung City	1.80 264	P	Pn	18 32 56.2 +1.3	WTCT	baz=253		S	Sn	18 33 33.0 -0.2
NWLT	baz=280	Wulai	1.31 283	P	Pn	18 32 49.0 +0.2	WHP	baz=257		e	S	18 33 17.9 +0.3	TWK	Hsinying	2.52 242	i	P	18 33 05.7 +1.3
NWLT	baz=280			e	S	18 33 05.7 -0.8	YULB	Yu-li	1.83 234	P	Pn	18 32 55.0 -0.2	TWK	baz=239		i	S	18 33 36.8 +2.4
NHY	baz=285	Taipei	1.33 295	e	Pn	18 32 50.8 +1.8	YULB	Yu-li	1.83 234	i	P	18 32 55.0 -0.2	CHN1	Nanshi	2.53 240	e	Pn	18 33 06.0 +1.5
NHY	baz=285			e	S	18 33 07.3 +0.3	YULB	baz=240		S	Sn	18 33 17.0 -1.1	CHN1	baz=237		S	Sn	18 33 36.8 +2.2
TEYL	baz=285	Yanliu Villag	1.34 243	e	Pn	18 32 48.8 -0.2	EYUL	Yuli	1.84 232	i	P	18 32 55.5 +0.2	SNST	Tainan City	2.54 241	e	Pn	18 33 06.5 +2.0
TEYL	baz=285			e	S	18 33 06.6 -0.5	EYUL	baz=226		i	S	18 33 18.5 +0.2	SNST	baz=238		S	Sn	

Table with columns for station call letters, frequency, and other technical details. Includes stations like AKASG, AKBB, ARPR, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like CIS, SC12, BFSC, GSC, etc.

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

2d 21h

Table with columns for station code, name, coordinates, elevation, and other parameters. Includes stations like AAK, ZAAO, ZALV, ARSB, KURBB, KURK, SEY, GAR, KKAR, RTZ, BVAR, BRVK, TIXI, GEYT, ABKAR, CASY, AKTO, ARU, S12K, SDPT, L14K, O14K, M14K, F15K, G15K, L15K, K15K, M15K, O15K, N15K, C16K, H16K, G16K, J16K, I17K, L16K, D17K, N16K, M16K, I16K, P16K, O16K, E17K, F17K, G17K, H17K, J17K, L17K, K17K, O17K, C18K, F18K, H18K, G18K, K19V, L18K, A19K, N18K, J18K, C19K, P18K, M18K, O18K, F19K, SII, G19K, D19K, H19K, E19K, J19K, N19K, L19K.

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Table with columns for station code, name, coordinates, elevation, and other parameters. Includes stations like OHAK, D20K, F20K, B20K, E20K, H20K, L20K, I20K, J20K, K20K, M20K, Q20K, C21K, N20K, G21K, B21K, B21K, F21K, A22K, H21K, CHUM, CAST, SKT, I21K, BRSE, B22K, D22K, F22K, SUA, SUA, VOI, VOI, KBZ, BPAA, H22K, G22K, E22K, MLY, MLY, TRF, D23K, COLD, G23K, G23K, C23K, C23K, C23K, PMR, H23K, I23K, NEA2, MCK, E23K, TOLK, KNK, WAT1, SML, D24K, E24K, C24K, M23K, WAT8, H24K, P23K, F24K, F24K, SCM, G24K, G24K, G24K, Vnda, Vnda, HDA, ILAR, D25K, D25K, G25K, KLU, K24K, H25L.

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Table with columns for station code, name, coordinates, elevation, and other parameters. Includes stations like EYAK, F25K, E25K, PRP, PAX, SBA, SBA, C26K, BMR, PPT2, PPT2, N25K, BMR, F26K, KAIM, C27K, SCRK, G26K, J26L, I26K, E27K, K27K, H27K, I27K, D27M, L27K, BCAR, MESA, CTG, E28M, Y28K, E29M, H29M, G29M, I29M, L29M, EPYK, H31M, BRTR, SPITS, ARCES, FINES, FINES, MLR, MLR, MLR, GSPA, HFS, HFS, NB2, NOA, NOA, TXAR, TORD, PLCA, CNR, MDD, TIO, ISC.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Barranco-do-Ve, Vaqueiros, El Cabril, etc.

RSNC 02 21:08:14.8,0.5, 10°N,2°7'0W, h0km, M3.8, mb4.3, mB4.7, ML3.0, Mw(mb)4.0

FUNV 02 21:08:14.6, 10:00N:69:99W, h5km, MW3.4

ISC 02 21:08:12.1,0.9, 10.08N:0.03:69:92W,0.03,h9km,6km, n33,r157/55,2C-2D, Venezuela

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

IDC 02 21:10:15.7,1.5, 4:39N, 126:28E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=148.4km s-min=19.2km

ISC 02 21:10:25.6,3.1, 5°N,1°12'7E, h85km, n6, r09/90/6, mb3.6/6, Talaud Islands

Table of station data for WRA, ASAR, STKA, MKAR, KURBS, BVAR stations.

IDC 02 21:17:30.0,0.6, 4.72S, 153:50E, h0km, mb4.2/17, mbmp4.2/18, ML3.0/1, MS3.5/24, Error ellipse: s-maj=25.9km s-min=13.9km az=92.0

NEIC 02 21:17:38.9,1.3, 4.79S:0:08:153:36E:0:06,h58km,6km, mb4.8/41, Error ellipse: s-maj=12.9km s-min=7.7km az=203.0

DJA 02 21:17:40.3,0.6, 5.6S:15:3E, h67km,6km, M5.0/14, mB5.1/3, mb4.8/14, MLv5.2, Mw(mb)4.4/3

ISC 02 21:17:37.9,0.3, 4.81S:0:05:153:36E:0:05,h50km,n146, r1542/133,mb4.6/46,MS3.7/27, ID, New Ireland region

Table of station data for RABL, H40PG, KAVG, MANU, PMG, PMG, HNR, PATS, JAY, COEN, TV1H, MTSU stations.

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TNTI Ternate, LBMI Labuha, GTOI Gorontalo, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ABKAR Akbulak array, E19K Redstone River, G21K Allakaket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KHZ Kahutara, GVZ Grech Valley S, INZ Incheon, etc.

NOU 02 21:38:05.7, 33°77'S: 178°27'W, h188km, Mlv5.1/8, South of Kermadec Islands. IDC 02 21:38:14.2, 0.7, 34°10'S x 179°49'W, h0km, mb4.3/8, mbmp4.3/9, ML4.4/1, MS0.3, Error ellipse: s-maj=27.4km...

ISL 02 21:38:22.7, 0.6, 34°50'S x 166°179'6'W, h0'09, h61km, n112, s1996, n115, mb4.5/16, 4C, South of Kermadec Islands

IDC 02 22:07:13.7, 1.0, 4°69'N, 126°95'E, h0km, mb3.7/7, mbmp3.7/7, MS2.4/1, Error ellipse: s-maj=71.6km s-min=18.1km, az=68.0

ISL 02 22:07:23.6, 0.9, 4.6N, 0.2-126.8E, 0.4, h81km, n9, s1925/8, mb3.5/7, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DAV Davao City (W), WRA Warramunga Arr, ASAR Alice Springs, etc.

1.2nm,0.8s,baz=92,slow=17,SNR=7.9
1.6nm,0.3s
WRA Warramunga Arr 45.07 261 P P 22 27 21.5 -0.1

IDC 02:22:31.14.9.8.7,17.59Sx178.83W,h506km,88km,mb3.2/6,
mbtmp4.1/6,Error ellipse:s-maj=45.7km s-min=23.9km
az=74.0

NEIC 02:22:31.19.4.1.1,17.8S:0.2x179.0W:0.1,h544km,10km,
mb4.0/14,Error ellipse:s-maj=27.3km s-min=10.1km
az=156.0

ISC 02:22:31.18.0.0.6,17.6S:0.1x179.0W:0.1,h539km,n45,
o:076/46,mb4.0/13,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Nonsavu, Nue, Eids, Charters Tower, etc.

AEIC 02:22:32.36.5.2.6,53.97N:0.04:133.71W:0.07,h29km,6km,
Error ellipse:s-maj=6.7km s-min=4.4km az=53.0

IDC 02:22:32.37.2.0.8,53.98N:133.66W,h0km,mb3.7/10,
mbtmp3.7/16,M3.4/6,MS3.3/40,Error ellipse:
s-maj=16.8km s-min=6.6km az=49.0

NEIC 02:22:32.37.4.2.4,53.90N:0.04:133.86W:0.06,h10km,2km,
mb4.0/15,Mw4.2/38,ML4.3(AEIC),Mw4.5(OTT),Error
ellipse:s-maj=6.8km s-min=4.9km az=223.0,Moment
Tensor Solution. Moment tensor: Scale 10^15Nm;
Mr=0.10; Ms=2.31; Mw=2.41; Mw0.19; Mw1.67; Mw0.10;

Fault plane solution: M2.90000x10^15 NP1:
az=242.570000,sl=386.430000,lc=2.640000;
NP2:az=332.740000,
sl=87.360000,lc=1.176420000; Principal axes: T 2.94611,
P1g1.00000, Azm108.00000; N -0.0894, P1g86.00000;
Azm198.00000; P 2.85777, P1g4.00000, Azm198.00000;

NEIC 02:22:32.38.1.1,53.97N:133.65W,h10km,
PGC 02:22:32.39.4.6,4.53.98N:133.55W,h29km,ML4.5/19,
Mw4.5,91km west of Masset, BC Haida Gwaii Region

NEIC 02:22:32.40.54.00N:133.46W,h10km,Moment Tensor
Solution. Moment tensor: Scale 10^15Nm; Mr=1.15;
Ms=6.17; Mw=4.53; Mw1.30; Mw=4.08; Mw0.63; Fault
plane solution: M7.00000x10^15 NP1:az=296.00000,
sl=389.00000,lc=1.168.00000; NP2:az=206.00000,
sl=87.80000,lc=1.1000000; Principal axes: T 6.9803,
P1g8.00000, Azm71.00000; N -0.2045, P1g78.00000;
Azm299.00000; P 6.7758, P1g9.00000; Azm162.00000;

ANF 02:22:32.41.7.0.5,54.02N:133.63W,h30km,Error ellipse:
s-maj=4.1km s-min=2.8km az=154.0

ISC 02:22:32.38.1.1,53.90N:0.02:133.77W:0.04,h11km,8km,
n558,sl144/555,mb4.0/17,MS3.4/34,Queen Charlotte
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Naden, Dawson Inlet, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MASB, HGB1, HGB2, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FSJUB, Fort St James, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like 25 22h, etc.

RES	Resolute Bay	25.90	22 LR	P	22 47 15.2
ECSD	EROS Data Cent	26.21	98 P	Iamb	22 38 13.2 +0.5
ANMO	Albuquerque	26.92	124 LR	P	22 49 03.7
TXAR	Lajas Array	32.86	126 P	P	22 39 13.7 +1.8
MIAR	Mount Ida	34.09	108 P	P	22 39 24.2 +1.7
LPIG	La Paz	34.57	140 LR	P	22 54 27.9
SADO	Sadova	35.92	82 LR	LR	22 55 09.4
SCHO	Schefferville	37.66	61 LR	LR	22 55 27.6
PETK	Petrovskiy	39.32	298 LR	LR	22 54 46.0
MA2	Magadan	39.70	310 LR	LR	22 56 00.2
SP74	Kangerlussuaq	39.74	38 LR	LR	22 57 16.0
YAK	Yakutsk	47.23	320 LR	LR	23 01 36.2
BORG	Borgarnes	50.86	31 LR	LR	23 01 37.0
ASAJ	Asahikawa	52.67	296 LR	LR	23 05 51.5
KLR	Kul'dur	53.30	30 LR	LR	23 06 50.1
ARCES	ARCCESS Array B	55.95	9 LR	LR	23 08 08.1
HEH	Heihe	55.96	310 eP	P	22 42 17.7 +1.8
H1N12	WAKE ISLAND Hy 56.30	257 T	T		23 43 35.8
H1N13	WAKE ISLAND Hy 56.30	257 T	T		23 43 36.1
H1N11	WAKE ISLAND Hy 56.32	257 T	T		23 43 35.1
H1S1	WAKE ISLAND Hy 57.38	256 T	T		23 44 53.4
H1S2	WAKE ISLAND Hy 57.39	256 T	T		23 44 55.6
H1S3	WAKE ISLAND Hy 57.40	256 T	T		23 44 54.8
USRK	Ussuriysk Ar.	58.10	302 LR	LR	23 06 08.6
MJAR	Matsushiro Arr	60.38	292 P	P	22 42 48.4 +1.3
MJAR	Matsushiro Arr	60.38	292 P	LR	23 05 56.7
NB2	NORSAR Subarra	62.08	18 P	P	22 42 59.8 +1.5
NOA	NORSAR Array B	62.08	18 P	P	22 42 59.8 +1.3
NOA	NORSAR Array B	62.08	18 P	LR	23 11 36.5
HFS	Hagfors	63.38	18 LR	LR	23 11 49.3
EKA	Eskdalemuir Ar	63.81	29 P	P	22 43 09.4 -0.4
FINES	FINES Array B	63.93	11 LR	LR	23 11 18.2
KSR5	Korea Array	65.16	30 LR	LR	23 10 42.6
SONM	Songino Array	65.59	320 LR	LR	23 15 48.8
JNV	Nakatsu	66.92	295 LR	LR	23 10 09.8
SDU	Santo Domingo	67.17	107 LR	LR	23 15 21.2
ZALV	Zalesovo Beam	67.87	337 LR	LR	23 18 17.9
HHC	Hu-ho-hao-te	70.26	313 eP	P	22 43 51.3 +0.1
HHC	Hu-ho-hao-te	70.26	313 eP	Pmax	
HHC	Hu-ho-hao-te	70.26	313 eP	Pmax	
BVAR	Borovoye Array	71.57	345 LR	LR	23 19 38.5
KURB5	Kurchatov Arr	72.38	339 P	P	22 44 04.5 +0.8
GERES	GERESS Array B	74.01	22 P	P	22 44 15.6 +2.1
GERES	GERESS Array B	74.01	22 P	LR	23 17 29.1
VRAC	Vranov	74.17	20 LR	LR	23 15 33.6
AKASG	Matin Array B	74.80	11 P	P	22 44 18.4 +0.5
AKASG	Matin Array B	74.80	11 P	LR	23 19 38.7
MKAR	Makanchi Array	75.11	335 P	P	22 44 21.0 +1.1
MKAR	Makanchi Array	75.11	335 P	LR	23 19 57.7
ESDC	Sonsec Array	77.28	37 P	P	22 44 33.6 +1.3
LZH	Lanzhou	77.53	316 eP	P	22 44 29.0 -4.9
LZH	Lanzhou	77.53	316 eP	Pmax	
LZH	Lanzhou	77.53	316 eP	Pmax	
AAK	Ala-Arch	80.83	339 LR	LR	23 26 43.0
NNA	Nana	81.39	124 LR	LR	23 20 59.2
KEST	Kesra	85.21	29 LR	LR	23 22 00.7
PZH	PanZhiHua	86.71	312 P	P	22 45 22.2 +0.1
PZH	PanZhiHua	86.71	312 P	Pmax	
PZH	PanZhiHua	86.71	312 P	Pmax	
LPAZ	La Paz	89.44	119 P	P	22 45 35.6 0.0
MMAI	Mount Meron Ar	92.94	9 LR	LR	23 31 11.7
CMAR	Chiang Mai Arr	94.97	31 LR	LR	23 29 52.1

NEIC 02 22:52:31.6:0.8, 19:22N:01:02:155:47W:0.02, h38km, 3km, Error ellipse: s-maj=2.9km s-min=2.4km az=148.0

HVO 02 22:52:33.0:1.1, 19:19N:01:05:155:46W:0.06, h34km, 2km, ML2.5/36, ML2.5/42(NEIC), Error ellipse: s-maj=9.4km s-min=5.2km az=125.0, Hawaiian Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
HTC	Hot Caves	0.07 53	Op	22 52 38.2 -0.4	Pb
HPO	Honoupo	0.14 221	Pg	22 52 35.2 -1.0	Pn
KHU	Kahuku	0.16 290	Sg	22 52 38.8 -0.8	Pb
KHU	Kahuku	0.16 290	Sg	22 52 42.7 -1.4	Pb
HLP	Hilina Pali	0.18 54	Sg	22 52 38.9 -0.7	Pb
HLP	Hilina Pali	0.18 54	Sg	22 52 42.6 -1.4	Pb
HLP	Hilina Pali	0.18 54	Sg	22 52 43.9	Pb
HLP	Hilina Pali	0.18 54	Sg	22 52 48.2	Pb
UWE	Uwekahuna	0.28 35	Pn	22 52 38.0 -2.5	Pn
BYL	Byron's Ledge	0.29 41	IAML	22 52 38.0 -2.8	Pn
BYL	Byron's Ledge	0.29 41	IAML	22 52 44.5	Pn
PUH	Pauahi	0.29 52	Pn	22 52 39.6 -1.2	Pn
PUH	Pauahi	0.29 52	IAML	22 52 46.6	Pn
SBLHI	Steaming Bluff	0.29 38	Pn	22 52 39.6 -1.2	Pn
MLH	Mauna Loa	0.31 13	IAML	22 52 40.2 -0.9	Pn
MLH	Mauna Loa	0.31 13	IAML	22 52 45.7	Pn
MWH	Mokuaweone	0.32 336	Pn	22 52 40.2 -1.2	Pn

MWH	MWH	Sn	22 52 45.5 -1.2
MWH	MWH	IAML	22 52 46.6
RSD	Rainshed	0.32 33	Pb
RSD	Rainshed	Pn	22 52 39.8 -1.5
RSD	Rainshed	Pn	22 52 45.1 -1.2
RSD	Rainshed	Pn	22 52 45.7
KNHH	Kane Nui O Hamo	0.33 56	Pb
MLOA	Mauna Loa Obsv	0.36 342	Pb
MLOA	Mauna Loa	IAML	22 52 40.6 -1.4
MLOA	Mauna Loa	IAML	22 52 46.1 -1.7
MLOA	Mauna Loa	IAML	22 52 46.2
MLOA	Mauna Loa	IAML	22 52 46.3
STCH	Steam Cracks	0.37 59	Pn
STCH	Steam Cracks	Sn	22 52 40.6 -1.2
STCH	Steam Cracks	Sn	22 52 46.1 -1.7
STCH	Steam Cracks	IAML	22 52 46.5
NPOC	North of Pu'u	0.39 59	Pb
ALEP	Alepa Permanent	0.39 333	Pb
JCUJZ	Jacuzzi	0.39 61	Pb
HMH	Humu'ula Shep	0.41 357	Pb
HMH	Humu'ula Shep	IAML	22 52 59.2
HMH	Humu'ula Shep	IAML	22 52 59.6
JOKA	Jonika Flow	0.49 61	Pb
JOKA	Jonika Flow	IAML	22 52 41.9 -1.7
POAH	Pohakuloa	0.57 353	Pn
POAH	Pohakuloa	0.57 358	Sb
HUH	Hualalai	0.60 324	Pn
HUH	Hualalai	Pn	22 52 43.6 -1.7

TEH 02 22:54:10.0, 28:53N:07:37E, h8km, 49km, ML2.9
 OMAN 02 22:54:15.2:1.3, 28:13N:07:43E, h10km, ml2.6/4, Error
 ellipse: s-maj=11.8km s-min=10.8km az=144.0
 ISC 02 22:54:09.4:0.9, 28:53N:07:42E:0.06, h10km, n26,
 r18793, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
KHNJ	Kahnnoj	0.60 155	Op	22 54 22.8 +1.6	Pg
NGRM	Negar Kerman	1.19 352	Pg	22 54 31.6 +0.8	Pb
IBND	Bandar Abbas	1.22 317	Pg	22 54 34.1 -0.1	Pn
CHMN	Cheshme madani	1.36 4	Pg	22 54 36.0 +0.4	Pb
KRM1	Kerman Provinc	2.00 356	Pn	22 54 46.4 +0.3	Pb
KHGB	Koh Gabri	2.04 336	Pn	22 54 46.7 -0.1	Pb
JASK	Jask - Hormozg	2.65 171	Pn	22 54 54.1 +1.9	Pb
SHME	Sham	2.69 205	Pn	22 54 53.5 +0.7	Pb
SHME	Sham	2.69 205	S	22 55 24.9 -0.5	Pn
MASF	Masafi	3.31 200	Pn	22 55 03.2 +1.8	Pn
MDH	Madha	3.34 198	Pn	22 55 02.6 +0.9	Pn
UMQ	Um Al-Quwin	3.35 208	Pn	22 55 04.0 +2.2	Pn
JIOS	Jinazif	3.70 197	Pn	22 55 09.4 +2.7	Pn
ASHO	Ashiyahj	3.98 198	Pn	22 55 12.8 +2.1	Pn
ASUD	Al Ashush, Dub	4.29 206	Pn	22 55 16.3 +1.5	Pn
ASUD	Al Ashush, Dub	4.29 206	S	22 56 03.1 -1.7	Pn
SOHO	SOHO	4.42 191	Pn	22 55 15.9 +1.0	Pn
AJN	Ajban	4.49 210	Pn	22 55 18.5 +0.4	Pn
HOQ	Hoqain	4.90 181	Pn	22 55 22.6 -0.6	Pn
HOQ	Hoqain	4.90 181	S	22 56 17.3 -2.7	Pn
BID0	Bidbid	5.00 173	S	22 55 19.2 -3.2	Pn
BID0	Bidbid	5.00 173	S	22 56 19.2 -3.2	Pn
ARQ	Araqi	5.21 189	Pn	22 55 28.8 +1.4	Pn
ARO	Arak	5.45 174	S	22 56 26.9 -0.6	Pn
SMD0	Samad	5.45 174	S	22 56 32.8 +1.5	Pn
SMD0	Samad	5.45 174	S	22 56 35.7 +3.1	Pn
BSY	Bisya	5.73 182	Pn	22 55 37.3 +2.6	Pn
BSY	Bisya	5.73 182	S	22 56 40.5 -0.1	Pn
WBK	Wadi Bani Khal	6.03 166	Pn	22 55 39.1 +0.3	Pn
WBK	Wadi Bani Khal	6.03 166	S	22 56 44.1 -3.8	Pn
UMZA	Um Al Zomool	6.11 200	Pn	22 55 39.5 -0.3	Pn
JLN	Jalan Bani Buh	6.57 164	Pn	22 55 46.6 +0.5	Pn
JLN	Jalan Bani Buh	6.57 164	S	22 56 56.9 -4.4	Pn
MHT0	MHT0	7.50 176	Pn	22 56 00.4 +1.5	Pn

NOU 02 22:55:07.6, 20:25S:169:68E, h0km, mb3.9/9, Vanuatu Islands, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MARNC	Mare, Loyalty	1.81 238	P	22 55 40.1 0.0	Pb
LIFNC	Lifou	2.30 263	P	22 55 45.8 -1.0	Pn
PINNC	Pines Island	2.94 225	P	22 55 47.0 -0.1	Pn
YATNC	Mamie plateau	3.02 239	Pn	22 55 55.5 -1.2	Pn
OUENC	Ouen Island	3.25 244	Pn	22 55 59.8 -0.1	Pn
DZM	Mont Dzumak	3.39 232	Pn	22 56 01.7 -0.2	Pn
ONTNC	Ouen Toro	3.49 239	Pn	22 56 03.1 -0.1	Pn
NOUC	Port Laguerre	3.52 243	Pn	22 56 03.4 -0.2	Pn
KOUNC	Koumang, New Ca	5.05 269	Pn	22 56 25.3 +0.6	Pn

PGC 02 23:00:59.8:3.0, 53:91N:133:67W, h13km, 1km, ML2.1/6, 100km West of Masset, BC Haida Gwaii Region, Queen Charlotte Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
NDB	Naden	0.43 83	Op	23 01 13.8 -0.4	Pg
NDB	Naden	0.43 83	S	23 01 07.5 -0.9	Pg
NDB	Naden	0.43 83	Pg	23 01 13.8 -0.4	Pg
NDB	Naden	0.43 83	S	23 01 13.8 -0.4	Pg
DIB	Dawson Inlet	1.00 134	P	23 01 17.9 -1.1	Pn
DIB	Dawson Inlet	1.00 134	P	23 01 31.8 0.3	Pn
DIB	Dawson Inlet	1.00 134	P	23 01 18.0 -1.0	Pn
DIB	Dawson Inlet	1.00 134	S	23 01 31.5 -0.6	Pn
BAIB	Barry Inlet	1.76 138	Sg	23 01 53.7 -0.3	Pn
BAIB	Barry Inlet	1.76 138	Pn	23 01 29.7 -0.4	Pn
BAIB	Barry Inlet	1.76 138	Pn	23 01 29.8 -0.2	Pn
BAIB	Barry Inlet	1.76 138	Sn	23 01 53.0 +0.6	Pn
BNNB	Barry Inlet	1.76 138	Sg	23 01 54.4 +0.3	Pn
BNNB	Barry Inlet	1.76 138	Pn	23 01 29.5 -0.6	Pn
BNNB	Barry Inlet	1.76 138	Sn	23 01 53.2 +0.8	Pn
V3SK	Ketchikan	1.86 39	Sg	23 01 53.4 -1.3	Pn
RUBS	Prince				

3d 0h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2018 JUN

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 02 23:22:16.4 1.9, 6.03S, 142.35E, h0km, mb3.8/2, mblmp3.6/4, ML3.4/2, Error ellipse: s-maj=83.9km, s-min=32.8km az=107.0, New Guinea

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

ASRS 02 23:22:44.0 6.51N, 122.97E, h8km, MLH3.8/10, Error ellipse: s-maj=6.2km s-min=4.6km az=99.5, confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

GUC 02 23:29:09.1 0.6 21.35S, 68.88W, h127km, 3km, ML3.5, NEIC 02 23:29:09.2 1.1, 21.37S, 68.91W, 0.08, h123km, 6km, mb4.1/4, Error ellipse: s-maj=10.9km s-min=5.4km az=8.0

IDC 02 23:29:10.0 1.0, 9.21S, 45S, 68.32W, h10km, 10km, mb3.5/3, mblmp3.8/7, MS3.3/1, Error ellipse: s-maj=26.8km az=110.0

ISC 02 23:29:08.0 7.2, 21.36S, 0.03, 68.85W, 0.06, h121km, 6km, n48, -1816/61, 4C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 02 23:35:39.0 1.0, 16.03S, 173.35E, h0km, mb4.0/10, mblmp3.9/11, ML3.3/1, MS3.5/20, Error ellipse: s-maj=32.8km s-min=20.9km az=131.0

NEIC 02 23:35:39.6 1.6, 15.6S, 0.1, 173.1E, 0.1, h10km, 2km, mb4.3/9, Error ellipse: s-maj=20.9km s-min=13.5km az=321.0

ISC 02 23:35:44.5 0.6, 16.0S, 0.1, 173.14E, 0.10, h35km, n51, r1503/36, mb4.0/13, MS3.6/19, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

FUNA Funafuti 9.49 39 Pn Pn 23 37 52.2 -6.5

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

MJAR Matsushiro Arr 61.79 328 P P 23 45 59.7 -0.2

VNDA Vanda 61.81 183 LR LR 00 07 58.0

JNU Nakatani 63.36 321 LR LR 00 08 10.3

ASAJ Asahikawa 66.01 336 LR LR 00 10 35.0

KSR5 Korea Array 68.08 322 P P 23 46 41.6 +0.9

PETK Petrolovsk 70.10 195 LR LR 00 12 00.1

QSPA South Pole Qui 74.04 180 P P 23 47 15.9 -0.8

QSPA South Pole Qui 74.04 180 P P 23 47 22.3

KLK Kuldar 74.56 333 LR LR 00 14 05.9

MA2 Magadan 77.47 349 LR LR 00 16 44.3

KDAK Kodiak Island 78.78 138 LR LR 00 17 11.6

CMAR Chiang Mai Arr 80.66 292 P P 23 47 56.9 +2.5

YBH Yreka Blue Hor 82.39 43 LR LR 00 19 10.8

MAW Mawson 82.81 201 LR LR 00 21 29.7

NVAR Mina Array Bea 83.87 47 P P 23 48 11.1 +0.1

NVAR Mina Array Bea 83.87 47 P P 23 48 18.7

LP1G La Paz 84.65 63 LR LR 00 17 24.6

ILAR Eielson Array 86.07 16 P P 23 48 20.2 -1.0

ELK Elko 87.00 46 LR LR 00 20 22.4

NEW Newport 88.92 39 LR LR 00 22 58.0

TIXI Tiksi 92.39 347 LR LR 00 27 49.0

YKA Yellowknife Arr 96.11 26 P P 23 49 08.2 +0.1

RONA Rosalia, Austr 143.06 334 ePKP PKPdf 23 55 14.5 -0.3

SOKA Soboth 144.40 314 ePKP PKPdf 23 55 17.9 +0.7

LESA Schwarzloetzl 144.74 337 ePKP PKPdf 23 55 17.6 -0.2

3d 0h

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Manton Dam, Forrest, Marumori, Kuroka, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Marumori, Kuroka, Matsuhiro, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Edwards Air Fo, Jacoby Creek, Yuhua Desert, etc.

2018 JUN

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like WAKR Walker, LEM Lembang, IRM Iron Mountain, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KSAR Wonju Array Be, J05D Fort Rock, OR, K1919 Wonju Array Si, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SSE Sheshan, PSTR Posyet, I07A Izee, etc.

3d 0h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like M17K Holitna River, L16K Ohwat River, E07A Sunnyside, etc.

2018 JUN

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SIT Sitka, SUA Susitna One, L19K White Mountain, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ANMO Albuquerque, MAW Mawson, PNL Peninsula, etc.

N25K	S	SKSac	01 11 02.8 +0.6	
baz=208				
P29M	Windy Craggy	84.21 17	IAMs_20 IAMs_20	01 30 24.7
comp=Z,2um,21.0s				
P29M	Windy Craggy	84.21 17	P P	01 00 40.9 +0.7
baz=214,SNR=8.3				
P29M	S	S	S	01 11 03.8 -0.4
GLB	Gilahina Butte	84.22 14	P P	01 00 39.8 -0.4
comp=Z,2um,20.0s				
M24K	Tolsona, Glenn	84.30 13	IAMs_20 IAMs_20	01 31 58.9
comp=Z,2um,20.0s				
M24K	Tolsona, Glenn	84.30 13	P P	01 00 40.9 +0.3
baz=206,SNR=8.8				
M24K	S	S	S	01 11 05.7 +0.7
NEW	Newport	84.31 34	IAMs_20 IAMs_20	01 35 24.9
comp=Z,2um,18.0s				
NEW	Newport	84.31 34	P P	01 00 40.4 -0.6
baz=232				
NEW	Newport	84.31 34	P P	01 00 41.1 +0.1
comp=Z,3.7nm,0.9s,baz=279,slow=5.6,SNR=4.8				
NEW	McCCarthy VSAT	84.35 14	P P	01 00 42.0 -0.6
comp=Z,2.7nm,0.9s				
MCARA	MCARA	84.35 14	Iamb Iamb	01 00 50.1
comp=Z,84nm,1.6s				
MCARA	McCCarthy VSAT	84.35 14	IAMs_20 IAMs_20	01 32 24.2
comp=Z,2um,20.0s				
MCARA	McCCarthy VSAT	84.35 14	P P	01 00 41.2 +0.4
baz=209,SNR=7.3				
MCARA	S	S	S	01 11 04.8 -0.6
CTG	Chitna Glacier	84.39 15	P P	01 00 41.5 +0.3
baz=210,SNR=10.0				
BARN	Barnard Glacier	84.39 15	P P	01 00 40.9 -0.4
comp=Z,92nm,1.3s				
H16K	Elim	84.40 5	P P	01 00 41.8 +0.8
baz=191,SNR=7.0				
H16K	S	S	S	01 11 03.7 +0.4
RDMU	Red Mountain	84.41 44	P P	01 00 41.5 -0.5
comp=Z,2um,20.0s				
WAT6	Susitna Watana	84.42 12	P P	01 00 41.1 -0.2
baz=204,SNR=30				
WAT6	S	S	S	01 11 04.0 +0.1
CAST	Castle Rocks	84.44 10	IAMs_20 IAMs_20	01 31 37.4
comp=Z,2um,21.0s				
CAST	Castle Rocks	84.44 10	P P	01 00 39.9 -1.4
baz=200,SNR=12				
CAST	S	S	S	01 11 03.0 -0.7
PLBC	Pleasant Camp	84.46 18	P P	01 00 42.1 +0.7
baz=115,SNR=10				
J19K	Poorman	84.47 8	IAMs_20 IAMs_20	01 31 38.3
comp=Z,2um,21.0s				
J19K	Poorman	84.47 8	P P	01 00 42.0 +0.6
baz=197,SNR=14				
J19K	S	S	S	01 11 08.3 +1.7
T35M	Bob Quinn	84.49 22	P P	01 00 42.0 +0.4
baz=221				
WAT1	Susitna Watana	84.49 11	P P	01 00 41.1 -0.5
baz=204				
O28M	Mount Upton	84.51 16	P P	01 00 42.2 +0.2
baz=212,SNR=11				
O28M	S	S	S	01 11 07.6 -0.1
O29M	Mount Kennedy	84.54 17	IAMs_20 IAMs_20	01 31 47.4
comp=Z,2um,20.0s				
O29M	Mount Kennedy	84.54 17	P P	01 00 42.2 +0.2
baz=213,SNR=10				
O29M	S	S	S	01 11 08.3 +0.7
AHID	Auburn Hatcher	84.61 41	P P	01 00 42.4 -0.4
comp=Z,44nm,1.4s				
AHID	S	S	S	01 11 08.3 +0.7
G15K	Niukluk	84.62 4	P P	01 00 42.5 +0.4
baz=189,SNR=8.5				
G15K	S	S	S	01 11 07.1 -0.9
KTH	Kantishna Hill	84.75 10	P P	01 00 41.8 -1.1
comp=Z,68nm,1.3s				
KTH	Iamb	Iamb	Iamb	01 00 55.8
TRF	Thorfare Moun	84.76 10	P P	01 00 42.4 -0.7
baz=202,SNR=15				
TRF	S	S	S	01 11 10.0 +0.2
SKAG	Skagway	84.77 19	P P	01 00 42.6 -0.3
comp=Z,1um,21.0s				
SKAG	Skagway	84.77 19	IAMs_20 IAMs_20	01 31 21.7
comp=Z,1um,21.0s				
SKAG	Skagway	84.77 19	P P	01 00 43.6 +0.7
baz=216				
HARP	HARAP	84.77 13	P P	01 00 43.1 +0.2
baz=207				
HARP	S	S	S	01 11 08.6 -1.1
CHUM	Lake Minchumin	84.84 9	P P	01 00 42.3 -0.8
baz=207				
CHUM	S	S	S	01 11 08.0 +1.9
P30M	Million Dollar	84.84 18	P P	01 00 43.9 +0.5
baz=214				
P30M	S	S	S	01 11 09.4 -1.1
J20K	Nowinta River	84.85 8	P P	01 00 43.0 -0.2
comp=Z,2um,21.0s				
J20K	Nowinta River	84.85 8	P P	01 00 43.4 +0.1
baz=198,SNR=26				
J20K	S	S	S	01 11 09.5 -0.8
S34M	Telegraph Cree	84.90 21	P P	01 00 44.5 +0.9
baz=220,SNR=7.8				
H17K	Granite Mounta	84.90 6	IAMs_20 IAMs_20	01 31 33.6
comp=Z,2um,21.0s				
H17K	Granite Mounta	84.90 6	P P	01 00 44.3 +0.8
baz=193,SNR=7.3				
H17K	S	S	S	01 11 12.1 +1.3
DHY	Denali Highway	84.94 12	P P	01 00 43.7 -0.3
baz=205,SNR=12				
DHY	S	S	S	01 11 10.4 -1.2
F14K	Arctic Creek	84.96 3	P P	01 00 44.6 +0.8
baz=187				
F14K	S	S	S	01 11 13.4 +2.0
RND	Reindeer	84.97 11	P P	01 00 43.4 -0.6
comp=Z,2um,21.0s				
RND	Reindeer	84.97 11	P P	01 00 43.6 -0.4
baz=186				
TNA	Tin City	84.98 2	P P	01 00 44.5 +0.7
baz=186				
TNA	S	S	S	01 11 12.0 +0.6
LL01	San Ignacio de	85.04 133	IAMs_20 IAMs_20	01 42 23.7
comp=Z,2um,18.0s				
GCSA	Galena City Sc	85.04 7	P P	01 00 44.7 +0.5
baz=196				
GCSA	S	S	S	01 11 14.7 +2.6
YUK8	Steele Glacier	85.06 16	P P	01 00 45.0 +0.2
baz=212				
O20A	White River Ci	85.06 44	P P	01 00 45.2 +0.0
baz=239				
O20A	S	S	S	01 11 16.4 +2.5
REDW	Red Top Meadow	85.08 41	P P	01 00 44.6 -0.6
comp=Z,36nm,1.2s				
LL02	Futaleuf	85.12 134	Iamb Iamb	01 00 46.5 +1.1
comp=Z,36nm,1.2s				
LL02	Futaleuf	85.12 134	P P	01 00 47.4 +2.0
baz=213,SNR=8.8				
YUK6	Outpost Mounta	85.14 16	P P	01 00 45.2 +0.1
baz=213,SNR=8.8				
YUK6	S	S	S	01 11 12.3 -1.5
G16K	Koyuk River	85.14 5	P P	01 00 45.2 +0.5
baz=191				
G16K	S	S	S	01 11 12.9 -0.2
WHN	Wuhan	85.17 305	Iamb Iamb	01 00 46.8 +1.1
comp=Z,2um,21.0s				
WHN	S	S	S	01 00 58.7 +3.3

WHN	S	S	01 11 17.5 +2.6	
WHN	S	S	01 11 17.5 +2.6	
WHN	comp=Z,130nm,1.1s	S	S	01 11 17.5 +2.6
WHN	comp=Z,2um,4.2s	pmax	pmax	
WHN	comp=Z,2um,16.8s	LR	LR	
WHN	comp=Z,2um,17.9s	LR	LR	
WHN	comp=Z,3um,19.9s	LR	LR	
SNOW	Snow King Moun	85.20 41	IAMs_20 IAMs_20	01 34 58.7
comp=Z,1um,19.0s				
MSO	Missoula	85.20 37	P P	01 00 44.4 -1.2
baz=235				
MSO	Missoula	85.20 37	P P	01 00 45.0 -0.6
baz=235				
MSO	S	S	S	01 11 13.4 -1.4
PAX	Paxson	85.22 13	P P	01 00 44.8 -0.5
baz=207,SNR=13				
PAX	S	S	S	01 11 14.2 -0.1
M26K	Nabesna, AK	85.25 14	IAMs_20 IAMs_20	01 32 27.0
comp=Z,2um,20.0s				
M26K	Nabesna, AK	85.25 14	P P	01 00 45.5 +0.1
baz=209,SNR=25				
M26K	S	S	S	01 11 13.3 -1.1
BPAW	Bear Paw Mtn.	85.25 10	P P	01 00 44.5 -0.8
comp=Z,2um,20.0s				
BPMT	Black Pine Rid	85.25 37	P P	01 00 45.1 -1.0
comp=Z,2um,20.0s				
MCK	McKinley	85.25 11	P P	01 00 45.1 -0.2
baz=203,SNR=19				
MCK	S	S	S	01 11 13.9 -0.5
HYT	Haines Junctio	85.27 17	P P	01 00 45.5 -0.2
comp=Z,55nm,1.3s				
HYT	Haines Junctio	85.27 17	Iamb Iamb	01 00 58.6
baz=214,SNR=13				
HYT	S	S	S	01 11 14.4 -0.5
H18K	Honhosa River	85.27 6	IAMs_20 IAMs_20	01 33 17.3
comp=Z,2um,20.0s				
H18K	Honhosa River	85.27 6	P P	01 00 45.6 +0.2
baz=199,SNR=6.0				
CNSH	ChangSha	85.28 302	P S	01 00 47.6 +1.3
comp=Z,720nm,6.5s				
CNSH	S	S	S	01 11 22.8 +6.7
CNSH	ChangSha	85.28 302	pmax pmx	
CNSH	comp=Z,420nm,22.2s	LR	LR	
CNSH	comp=Z,780nm,20.8s	LR	LR	
CNSH	comp=Z,890nm,26.5s	LR	LR	
F15K	North Star Dit	85.29 4	IAMs_20 IAMs_20	01 36 54.2
comp=Z,1um,19.0s				
F15K	North Star Dit	85.29 4	P P	01 00 45.8 +0.3
baz=189				
F15K	S	S	S	01 11 15.0 +0.4
YUK3	Moose Creek	85.30 15	P P	01 00 46.1 +0.2
baz=211				
YUK3	S	S	S	01 11 14.5 -0.8
P32M	Atlin	85.37 19	P P	01 00 46.4 +0.3
baz=218				
P32M	S	S	S	01 11 17.2 +1.5
G17K	Kiwalik Mounta	85.39 5	P P	01 00 46.5 +0.6
baz=192,SNR=9.0				
G17K	S	S	S	01 11 16.9 +1.4
I20K	Naaghedeneel	85.39 8	IAMs_20 IAMs_20	01 32 04.6
comp=Z,2um,21.0s				
I20K	Naaghedeneel	85.39 8	P P	01 00 46.5 +0.5
baz=198,SNR=7.3				
YUK4	Talbot Arm	85.40 16	P P	01 00 46.7 +0.4
baz=213				
YUK4	S	S	S	01 11 17.4 +1.1
SMCO	Snowmass	85.42 46	Iamb Iamb	01 00 47.4 +0.1
comp=Z,49nm,1.1s				
M27K	Edge Creek, AK	85.47 14	P P	01 00 47.0 +0.4
baz=210				
M27K	S	S	S	01 11 16.8 0.0
LL03	Petrohu	85.51 132	IAMs_20 IAMs_20	01 31 08.2
comp=Z,2um,20.0s				
MENT	Mentasta	85.56 13	P P	01 00 45.1 -1.8
comp=Z,2um,20.0s				
MENT	Mentasta	85.56 13	P P	01 00 47.3 +0.4
comp=Z,49nm,1.1s				
MENT	S	S	S	01 00 59.6
BWN	Browne	85.57 10	P P	01 00 46.8 -0.1
comp=Z,2um,20.0s				
BW06	Boulder Array	85.57 42	P P	01 00 47.0 -0.7
baz=238,SNR=7.7				
BW06	S	S	S	01 11 20.4 +1.5
PD31	Pinedale Array	85.57 42	P P	01 00 47.3 -0.4
comp=Z,2.7nm,0.6s,baz=215,slow=3.5,SNR=18				
PDAR	Pinedale Array	85.57 42	P P	01 00 47.1 -0.6
comp=Z,2.7nm,0.6s,baz=215,slow=3.5,SNR=18				
PDAR	Pinedale Array	85.57 42	P P	01 00 47.5 -0.2
comp=Z,2.7nm,0.6s,baz=215,slow=3.5,SNR=18				
PDAR	Pinedale Array	85.57 42	P P	01 00 47.5 -0.2
comp=Z,2.7nm,0.6s,baz=215,slow=3.5,SNR=18				
CMIG	Matias Romero	85.57 70	P P	01 00 49.5 +1.6
comp=Z,2um,20.7s,baz=23				

3d 0h

Table with columns: ISCO, Location, Time, Status, and various numerical values. Includes entries like Idaho Springs, Khong Chiam, and Tukpahlearik C.

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Table with columns: FARO, Location, Time, Status, and various numerical values. Includes entries like Faro, Yukon, Redstone River, and KuluM.

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Table with columns: MIMPY, Location, Time, Status, and various numerical values. Includes entries like Fort Yukon, Bearman Lake, and Kuna River.

VBMS	Vicksburg	94.72	58	S	S	01 12 47.4 +4.1
FCAR	Ozark Folk Cen	94.74	54	IAMS_20	IAMS_20	01 41 47.3
PB06	IPOC Station P	94.89	116	IAMS_20	IAMS_20	01 34 19.8
P38A	Dawn	95.02	50	IAMS_20	IAMS_20	01 39 45.5
MGMO	Mountain Grove	95.07	52	IAMS_20	IAMS_20	01 38 49.1
CIT	Chita	95.08	324	eP	P	01 01 31.1 -0.9
CIT						01 01 38.0
PATCX	Punta Patache	95.13	114	IAMS_20	IAMS_20	01 34 19.8
TA01	Diego Arcenea	95.23	114	IAMS_20	IAMS_20	01 39 33.3
346A	Big Creek Wild	95.28	59	IAMS_20	IAMS_20	01 43 05.2
IMBA	Imbabura, San	95.31	92	IAMS_20	IAMS_20	01 34 16.1
LZH	Lanzhou	95.42	306	P	P	01 01 35.5 +1.4
LZH				sP	ppP	01 01 46.6 +2.8
LZH				PP	PP	01 05 21.8 -3.3
LZH				sS	sS	01 13 04.6 +6.6
LZH				pmax	pmax	
LZH	comp=Z,28nm,1.1s			pmax	pmax	
LZH	comp=Z,320nm,4.8s			LR	LR	
LZH	comp=Z,690nm,15.6s			LR	LR	
LZH	comp=Z,410nm,15.6s			LR	LR	
LZH	comp=Z,880nm,18.9s			LR	LR	
C36M	Paulatuk	95.44	16	P	P	01 01 33.4 +0.3
C36M				S	S	01 12 46.1 -1.8
R40A	Maddies Statio	95.47	51	IAMS_20	IAMS_20	01 42 17.5
D32A	Dogwood Acres	95.47	42	IAMS_20	IAMS_20	01 43 37.6
LVC	Limon Verde	95.49	116	IAMS_20	IAMS_20	01 34 09.6
LVC	Limon Verde	95.49	116	LR	LR	01 34 32.7
LVC	Limon Verde	95.49	116	eP	P	01 01 37.8 +2.7
PB09	IPOC Station P	95.53	115	IAMS_20	IAMS_20	01 34 08.8
LCAR	Lake Charles	95.54	54	P	P	01 01 32.7 -1.7
LCAR				IAMS_20	IAMS_20	01 40 46.5
N38A	Joes South For	95.55	49	IAMS_20	IAMS_20	01 43 24.1
FFC	Flin Flon	95.73	34	IAMS_20	IAMS_20	01 41 54.7
PB12	IPOC Station P	95.84	112	IAMS_20	IAMS_20	01 34 30.0
T42A	Van Buren	95.91	53	IAMS_20	IAMS_20	01 41 25.8
AP01	Chacalluta	95.92	112	IAMS_20	IAMS_20	01 33 48.2
AF01	San Pedro de A	95.97	117	IAMS_20	IAMS_20	01 35 01.3
PB11	IPOC Station P	95.98	113	IAMS_20	IAMS_20	01 33 51.7
146A	Union	96.02	58	IAMS_20	IAMS_20	01 43 28.7
Y45A	Yeager Farm, C	96.04	56	IAMS_20	IAMS_20	01 41 53.1
P40A	Paris	96.06	50	IAMS_20	IAMS_20	01 40 00.1
SCIA	State Center	96.06	48	IAMS_20	IAMS_20	01 42 59.7
SCIA	State Center	96.06	48	P	P	01 01 36.0 -0.6
TNCH	TengChong	96.11	294	P	P	01 01 37.0 -0.5
TNCH				PP	PP	01 05 31.9 +1.2
TNCH				S	S	01 12 44.9 -1.1
TNCH				SS	SS	01 19 21.7 -6.6
TNCH				pmax	pmax	
TNCH	comp=Z,340nm,4.7s			LR	LR	
TNCH	comp=Z,430nm,22.3s			LR	LR	
TNCH	comp=Z,490nm,19.3s			LR	LR	
TNCH	comp=Z,1um,23.1s			LR	LR	
CCM	Cathedral Cave	96.14	52	IAMS_20	IAMS_20	01 39 32.5
CCM	Cathedral Cave	96.14	52	P	P	01 01 35.8 -1.3
CCM				S	S	01 12 56.8 +1.2
MET	Memphis-Engin	96.15	55	IAMS_20	IAMS_20	01 42 08.0
PBMO	Poplar Bluff	96.33	53	IAMS_20	IAMS_20	01 41 20.4
OXF	Oxford	96.36	56	P	P	01 01 36.6 -1.6
OXF				S	S	01 13 00.6 +3.1
GNAR	Gosnell	96.37	54	IAMS_20	IAMS_20	01 37 26.6
P	Pemiscott Bayo	96.54	54	IAMS_20	IAMS_20	01 41 16.0
AGMNM	Agassiz Nat	96.63	41	IAMS_20	IAMS_20	01 40 11.5
AGMNM	Agassiz Nation	96.63	41	P	P	01 01 38.1 -1.0
I37A	Lemond, Waseca	96.68	46	IAMS_20	IAMS_20	01 40 25.9
FVMA	French Village	96.73	52	IAMS_20	IAMS_20	01 39 58.9
PVMO	Portageville	96.76	54	IAMS_20	IAMS_20	01 37 46.9
PARMO	Parma	96.80	54	IAMS_20	IAMS_20	01 41 07.0
LNXT	Lenox	96.82	54	IAMS_20	IAMS_20	01 37 49.5
HALT	Halls	96.87	54	IAMS_20	IAMS_20	01 37 50.9
PB18	Visviri	96.97	111	IAMS_20	IAMS_20	01 34 59.2
Z47A	Carrollton	96.99	57	IAMS_20	IAMS_20	01 42 58.3
A36M	Sachs Harbour	97.00	14	P	P	01 01 40.3 +0.1
GLAT	Glass	97.03	54	IAMS_20	IAMS_20	01 37 48.0
CLM3	Cape Girardeau	97.08	53	IAMS_20	IAMS_20	01 41 52.3
SGM	Saint Louis	97.09	52	IAMS_20	IAMS_20	01 41 35.4
HICK	Hickman	97.16	54	IAMS_20	IAMS_20	01 37 48.5
F36A	Milaca	97.24	44	IAMS_20	IAMS_20	01 42 14.7
ULN	Ulanbaatar	97.31	318	P	P	01 01 41.0 -1.4
ULN				IAMB	IAMB	01 01 58.1
ULN	comp=Z,20nm,1.6s			IAMS_20	IAMS_20	01 41 31.9
ULN	Ulanbaatar	97.31	318	eP	Pdf	01 01 42.7 +0.2
ULN				pmax	pmax	
N41A	Harden Midland	97.32	50	IAMS_20	IAMS_20	01 40 02.3
SPMN	Marine on St.	97.50	45	IAMS_20	IAMS_20	01 38 14.5
SPMN	Marine on St.	97.50	45	P	P	01 01 42.7 -0.3
L40A	Anamosa	97.51	48	IAMS_20	IAMS_20	01 43 35.2
SIUC	Southern Illinois	97.55	53	IAMS_20	IAMS_20	01 43 08.6
PLAL	Pickwick Lake	97.55	56	IAMS_20	IAMS_20	01 43 23.0
S0NM	Songino Array	97.72	318	P	P	01 01 43.1 -1.1
S0NM				IAMB	IAMB	01 01 50.6
S0NM	Songino Array	97.72	318	P	Pdf	01 01 45.2 +0.9
S0NM				PP	PP	01 05 37.7 -4.8
S0NM				LR	LR	01 01 34.1
S0NM	comp=Z,1.2nm,0.6s,baz=121,slow=5.6,SNR=3.6					
S0NM	comp=Z,1.2nm,2.0s,baz=113,slow=3.3					

S0NM	Songino Array	97.72	318	P	P	01 01 43.1 -1.1
S0NM				pmax	pmax	
T45A	Paducah	97.76	54	IAMS_20	IAMS_20	01 42 04.2
LRAL	Lakeview Retre	97.79	58	IAMS_20	IAMS_20	01 43 43.7
LRAL	Lakeview Retre	97.79	58	P	P	01 01 43.8 -0.8
LRAL				S	S	01 13 11.3 +1.4
SOR	Soroa	98.00	69	IAMS_20	IAMS_20	01 37 04.3
451A	Vernon	98.06	60	IAMS_20	IAMS_20	01 47 50.9
Q44A	Meyer Farm, Va	98.07	52	IAMS_20	IAMS_20	01 40 51.5
W47A	Waverly	98.10	55	IAMS_20	IAMS_20	01 38 05.2
HDIL	Hopedale	98.39	50	IAMS_20	IAMS_20	01 42 16.8
HDIL				P	P	01 01 46.6 -0.6
HDIL				S	S	01 13 16.8 +2.2
JFWS	Jewell Farm	98.47	48	IAMS_20	IAMS_20	01 46 23.4
JFWS	Jewell Farm	98.47	48	P	P	01 01 46.9 -0.6
JFWS				S	S	01 13 16.2 +1.0
I40A	Norwalk	98.53	47	IAMS_20	IAMS_20	01 42 44.9
L42A	Oliver, Polo	98.59	49	IAMS_20	IAMS_20	01 42 13.7
LPAZ	La Paz	98.67	111	IAMS_20	IAMS_20	01 36 04.2
LPAZ	La Paz	98.67	111	P	Pdf	01 01 52.9 +3.1
LPAZ				LR	LR	01 35 51.8
E38A	The Farm, Brul	98.78	44	IAMS_20	IAMS_20	01 42 43.4
USIN	University of	98.79	53	IAMS_20	IAMS_20	01 43 30.6
TIXI	Tiksi	98.91	344	P	P	01 01 47.6 -1.2
TIXI	Tiksi	98.91	344	IAMS_20	IAMS_20	01 46 55.6
TIXI	Tiksi	98.91	344	LR	LR	01 47 16.7
TIXI	Tiksi	98.91	344	P	P	01 01 47.6 -1.2
TIXI				pmax	pmax	
TIXI				MLR	MLR	
T47A	Sharon Grove	98.92	54	IAMS_20	IAMS_20	01 39 14.1
553A	Crawfordville	99.01	61	IAMS_20	IAMS_20	01 46 10.3
G40A	Rib Lake	99.25	45	IAMS_20	IAMS_20	01 45 10.9
EYMN	Cly	99.25	42	IAMS_20	IAMS_20	01 42 28.0
EYMN	Ely	99.25	42	P	Pdf	01 01 50.8 -0.2
SWET	Seawate	99.29	56	IAMS_20	IAMS_20	01 44 35.2
152A	Waverly Hall	99.51	59	IAMS_20	IAMS_20	01 45 10.2
CAMR	Camarcoca	99.52	69	IAMS_20	IAMS_20	01 37 37.6
M44A	Midewin, Midew	99.55	50	IAMS_20	IAMS_20	01 41 39.4
P46A	Rosedale	99.63	51	IAMS_20	IAMS_20	01 45 11.7
I42A	Drager Farm,	99.70	47	IAMS_20	IAMS_20	01 43 23.0
W50A	Signal Mountai	99.77	56	IAMS_20	IAMS_20	01 40 08.0
HQIL	Hanson Quarry C	99.81	49	IAMS_20	IAMS_20	01 42 05.2
L44A	Lake County Fo	99.88	49	P	Pdf	01 01 53.9 0.0
WCI	Wyandotte Cave	99.90	53	IAMS_20	IAMS_20	01 43 48.0
WCI	Wyandotte Cave	99.90	53	P	Pdf	01 01 53.4 -0.6
SFIN	Lafayette	99.94	51	IAMS_20	IAMS_20	01 45 05.7
SFIN	Lafayette	99.94	51	P	Pdf	01 01 53.2 -0.9
X51A	Calhoun	99.95	57	IAMS_20	IAMS_20	01 44 41.6
BLO	Bloomington	100.01	52	IAMS_20	IAMS_20	01 44 53.7
COWI	Conover	100.21	45	IAMS_20	IAMS_20	01 40 19.3
CPCT	Cooper Cave	100.46	56	IAMS_20	IAMS_20	01 44 13.2
H43A	Windswept, Lux	100.65	47	IAMS_20	IAMS_20	01 44 04.2
GOGA	Godfrey	100.73	58	IAMS_20	IAMS_20	01 45 43.5
R49A	Shelbyville	100.77	53	IAMS_20	IAMS_20	01 45 31.9
F42A	Maple Grove Fa	100.78	45	IAMS_20	IAMS_20	01 47 38.4
154A	Montrose	100.79	59	IAMS_20	IAMS_20	01 45 45.3
W52A	Murphy	100.83	57	IAMS_20	IAMS_20	01 44 43.0
P48A	Milroy	100.90	52	IAMS_20	IAMS_20	01 46 20.4
N47A	Urbana	101.10	51	IAMS_20	IAMS_20	01 46 06.0
TKL	Tuckaleechee C	101.11	56	IAMS_20	IAMS_20	01 44 33.3
F32A	Fort Churchill	101.29	32	IAMS_20	IAMS_20	01 49 18.5
V52A	Sevierville	101.30	56	IAMS_20	IAMS_20	01 44 57.3
O48B	Farmland	101.33	51	IAMS_20	IAMS_20	01 43 10.5
R50A	Paris	101.40	53	IAMS_20	IAMS_20	01 40 32.8
P49A	Miami Univ. Ec	101.45	52	IAMS_20	IAMS_20	01 45 39.0
P49A	Miami Univ. Ec	101.45	52	P	Pdf	01 02 00.0 -0.9
O60A	Indiantown	101.53	65	IAMS_20	IAMS_20	01 45 27.5
BG3	Lake Jocassee	101.59	57	IAMS_20	IAMS_20	01 45 50.5
I45A	Fontana	101.59	47	IAMS_20	IAMS_20	01 44 02.1
E43A	Lone Tree Farm	101.72	45	IAMS_20	IAMS_20	01 46 58.1
551A	Beattyville	101.79	54	IAMS_20	IAMS_20	01 40 21.0
V53A	Saluda	101.86	56	IAMS_20	IAMS_20	01 46 32.3
O49A	Covington	101.91	52	IAMS_20	IAMS_20	01 43 29.0
N49A	Columbus Grove	102.22	51	IAMS_20	IAMS_20	01 44 06.1
G45A	Suttons Bay	102.26	46	IAMS_20	IAMS_20	01 44 06.7
L48A	N Adams	102.30	50	IAMS_20	IAMS_20	01 46 13.2
Q51A	Peebles	102.34	53	IAMS_20	IAMS_20	01 45 40.6
GOMU	GeErliu	102.42	304	P	Pdf	01 02 07.2 +1.5
GOMU				PP	PP	01 06 19.2 +0.4
GOMU				S	S	01 13 47.9 -1.5
GOMU				SS	SS	01 20 55.5 -1.1
GOMU				LR	LR	
GOMU	comp=Z,630nm,17.5s			LR	LR	
GOMU	comp=Z,690nm,18.6s			LR	LR	
GOMU	comp=Z,900nm,18.5s			LR	LR	
P51A	Williamsport	102.67	52	IAMS_20	IAMS_20	01 46 17.3
KM5C	Kings Mountain	102.89	57	IAMS_20	IAMS_20	01 46 24.6
ETMB	Extrema	102.91	105	IAMS_20	IAMS_20	01 43 09.5

GLMI	Graying	102.92	47	IAMS_20	IAMS_20	01 44 07.8
AAM	Ann Arbor	102.95	50	IAMS_20	IAMS_20	01 44 58.4

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Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like CZSB, AF01, LVC, LVM, TSC, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like BOSA, BOUS, PLCA, OBKA, LSK, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like CLL, BRG, KRUC, etc.

Table with columns: E0802, 3d 5h, Ubeda,Jaen, 4.41 75 P, Pn, 05 15 30.8 +0.5, etc.

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

Table with columns: JMA 03 05:20:52.6, 0.5, 32°N, 141°13'E, etc.

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

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

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HIA Hailer, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKASG Malin Array, HFS Hagfors, NB2 NORSAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LSZ Lusaka, MUSM Musina, MATP Matopo, etc.

ARPR	Arapgir-MALATY	52.20 353	P	P	06 22 53.2	-0.1
KBL	Kabul	52.23 25	I	I	06 22 52.6	-1.1
KBL	Kabul	52.23 25	P	P	06 22 52.6	-1.1
BNN	Bunyan	52.32 350	P	P	06 22 51.7	-2.5
ISP	Isparta	52.43 345	eP	P	06 22 53.7	-1.4
ISP	Isparta	52.43 345	eP	P	06 22 55.7	+0.7
GNI	Garni	52.83 359	LR	LR	06 48 30.7	
GNI	Garni	52.83 359	eP	P	06 22 58.7	+0.7
GNI	Garni	52.83 359	eP	P	06 22 57.7	-0.3
TAM	Tamanrasset	52.90 312	I	I	06 22 59.3	+0.4
TAM	Tamanrasset	52.90 312	P	P	06 22 59.3	+0.4
NIL	Nilore	53.32 29	I	I	06 23 01.5	-0.4
NIL	Nilore	53.32 29	P	P	06 23 01.5	-0.1
GSI	Gunungstigi	53.51 79	P	P	06 23 02.5	-0.8
BR104	Keskin Array S	53.54 349	P	P	06 23 02.6	-0.6
BR105	Keskin Array S	53.55 349	P	P	06 23 03.1	-0.2
BR131	Keskin Array B	53.56 349	I	I	06 23 03.0	-0.3
BR131	Keskin Array B	53.56 349	I	I	06 23 05.3	
BRTR	Keskin Array B	53.56 349	eP	P	06 23 04.0	+0.7
BRTR	Keskin Array B	53.56 349	eP	P	06 23 03.0	-0.3
BRTR	Keskin Array B	53.56 349	eP	P	06 23 04.2	+0.8
DBIC	Dimbokoro	53.74 288	P	P	06 23 03.9	+1.9
DBIC	Dimbokoro	53.74 288	P	P	06 23 04.0	-1.0
ANTO	Ankara	53.87 348	I	I	06 23 05.8	+0.3
ANTO	Ankara	53.87 348	I	I	06 23 21.4	
ANTO	Ankara	53.87 348	P	P	06 23 05.8	+0.3
ITM	Ithomi	54.59 337	I	I	06 23 11.5	+0.7
ITM	Ithomi	54.59 337	I	I	06 23 12.2	
MDUB	Mudurnu	54.79 347	P	P	06 23 12.4	+0.1
ONI	Oni	55.29 358	P	P	06 23 15.6	-0.2
ONI	Oni	55.29 358	P	P	06 23 15.6	-0.2
EZN	Ezine	55.46 342	P	P	06 23 18.0	+1.0
MAK	Makhachkala	55.66 2	eP	S	06 23 13.4	-4.9
MAK	Makhachkala	55.66 2	eP	S	06 30 57.6	-6.8
MAW	Mawson	55.79 172	P	P	06 23 19.5	+0.6
MAW	Mawson	55.79 172	P	P	06 45 09.9	
SIMJ	Simiganj	55.82 22	P	P	06 23 19.7	-0.1
GROC	Groznyy	55.87 0	eP	P	06 23 20.1	+0.2
GROC	Groznyy	55.87 0	eP	P	06 24 17.9	
CHGR	Chuyayangon	55.88 22	P	P	06 23 20.1	-0.1
CHGR	Chuyayangon	55.88 22	P	P	06 23 20.1	-0.1
KLVT	Klityov	56.04 345	P	P	06 23 22.6	+1.5
AGG	Agios Georgios	56.06 338	I	I	06 23 21.0	+0.4
AGG	Agios Georgios	56.06 338	I	I	06 23 21.0	+0.4
KBZ	Khabaz	56.45 358	eP	P	06 23 25.5	+1.6
KBZ	Khabaz	56.45 358	eP	P	06 23 25.5	+1.6
SH1	Shidzhatmaz	56.47 357	eP	P	06 23 26.4	+2.0
SOC	Sochi	56.50 355	eP	P	06 23 27.2	+2.8
SOC	Sochi	56.50 355	eP	P	06 25 28.8	
SOC	Sochi	56.50 355	eP	P	06 31 22.7	+7.0
SOC	Sochi	56.50 355	eP	P	06 35 03.2	-0.3
GAR	Garm	56.61 23	P	P	06 23 25.6	+0.2
KIV	Kislovodsk	56.68 358	I	I	06 23 25.6	-0.2
KIV	Kislovodsk	56.68 358	I	I	06 23 26.7	+0.9
KIV	Kislovodsk	56.68 358	I	I	06 23 26.7	+0.9
KIV	Kislovodsk	56.68 358	I	I	06 23 26.2	+0.4
KIV	Kislovodsk	56.68 358	I	I	06 24 24.5	
KIV	Kislovodsk	56.68 358	I	I	06 34 59.1	-7.4
WDD	Wied Dalam	56.70 330	P	P	06 23 26.0	+0.1
DRK	Karamyk	57.60 24	P	P	06 23 33.2	+0.5
DRK	Karamyk	57.60 24	P	P	06 23 33.2	+0.5
KULM	Kulim	57.65 75	P	P	06 23 32.5	-0.6
KULM	Kulim	57.65 75	P	P	06 23 35.6	
BTK	Batken	57.72 23	P	P	06 23 33.7	+0.5
BTK	Batken	57.72 23	P	P	06 23 33.7	+0.5
IPM	Iphoh	57.75 76	P	P	06 23 33.6	-0.2
SRT	Nakonsritamara	57.79 71	P	P	06 23 34.3	+0.1
FNA	Florina	57.96 338	I	I	06 23 34.9	+0.1
FNA	Florina	57.96 338	I	I	06 23 34.9	+0.1
VAE	Valguarnera	58.06 331	LR	LR	06 49 48.5	
TIP	Tipogrande	58.40 334	P	P	06 23 38.7	+0.8
CLTB	Caltabellotta	58.72 330	P	P	06 23 40.3	+0.1
TIR	Tirane	59.00 338	P	P	06 23 42.7	+0.7
TIR	Tirane	59.00 338	P	P	06 23 43.0	+1.0
TIR	Tirane	59.00 338	P	P	06 23 42.7	+0.7
SHL	Shillong	59.17 50	P	P	06 23 42.8	-0.9
SHL	Shillong	59.17 50	P	P	06 23 44.2	
SHL	Shillong	59.17 50	P	P	06 23 43.4	-0.4
SHL	Shillong	59.17 50	P	P	06 23 42.8	-0.9
KES	Kesra	59.30 326	P	P	06 23 45.5	+1.3

KESH	Kash	59.38 27	P	P	06 23 41.6	-3.3
KESH	Kash	59.38 27	P	P	06 23 50.6	+0.2
CUC	Castrocuoco	59.48 334	P	P	06 23 45.5	+0.1
ARSB	Arslanbob	59.65 24	I	I	06 23 45.7	-1.0
ARSB	Arslanbob	59.65 24	I	I	06 23 56.6	
ARSB	Arslanbob	59.65 24	P	P	06 23 45.7	-1.0
CFR	Carcaliu	59.96 346	P	P	06 23 48.1	-0.4
CFR	Carcaliu	59.96 346	P	P	06 23 48.1	-0.4
PDG	Podgorica	60.17 338	P	P	06 23 51.8	+1.7
PDG	Podgorica	60.17 338	P	P	06 23 49.9	-0.1
KK31	Karatay Array	60.28 21	I	I	06 23 50.9	+0.1
KK31	Karatay Array	60.28 21	P	P	06 23 50.9	+0.1
KKAR	Karatay Array	60.28 21	P	P	06 23 50.3	-0.5
KKAR	Karatay Array	60.28 21	P	P	06 23 50.0	+0.2
KKAR	Karatay Array	60.28 21	P	P	06 23 50.3	-0.5
ISR	Isritra	60.30 345	P	P	06 23 51.2	+0.2
BOVS	Bovan	60.37 340	P	P	06 23 51.6	+0.2
ELIB	Princess Elisa	60.47 188	eP	P	06 23 54.1	+2.2
BISR	Bisoca	60.66 345	P	P	06 23 54.4	+1.0
ODBI	Odesto	60.77 345	P	P	06 23 53.6	-0.5
MLR	Muntele Rosu	60.80 344	P	P	06 23 55.1	+0.6
MLR	Muntele Rosu	60.80 344	P	P	06 23 55.0	0.0
MLR	Muntele Rosu	60.80 344	LR	LR	06 51 50.6	
MLR	Muntele Rosu	60.80 344	P	P	06 23 53.9	-0.6
MLR	Muntele Rosu	60.80 344	P	P	06 23 54.0	0.0
PURM	Purcari	60.85 348	P	P	06 23 55.2	+0.6
PLORS	Plostina Array	60.95 345	P	P	06 23 55.8	+0.4
VRI	Vrincioia	60.95 345	P	P	06 23 56.3	+1.0
VRI	Vrincioia	60.95 345	P	P	06 23 56.0	+0.7
VRI	Vrincioia	60.95 345	P	P	06 23 56.3	+1.0
PLOR	Plostina	60.96 345	P	P	06 23 55.6	+0.1
PLOR	Plostina	60.96 345	P	P	06 23 55.5	+0.1
PLOR3	Plostina Array	60.96 345	P	P	06 23 55.8	+0.3
GHRH	Ghorghor	60.97 346	P	P	06 23 56.2	+0.8
VOIR	Voineasa-Covas	60.99 344	P	P	06 23 56.2	+0.5
VOIR	Voineasa-Covas	60.99 344	P	P	06 23 55.9	+0.2
COVR	Voineasa-Covas	61.06 345	P	P	06 23 56.3	+0.2
CMAR	Chiang Mai Arr	61.19 60	P	P	06 23 56.7	-0.8
CMAR	Chiang Mai Arr	61.19 60	P	P	06 23 57.7	+0.2
HERR	Herculane	61.26 341	P	P	06 23 58.1	+0.6
CHTO	Chiang Mai	61.35 60	P	P	06 23 58.2	-0.4
CHTO	Chiang Mai	61.35 60	P	P	06 23 58.2	-0.4
AAK	Ala-Archa	61.36 24	P	P	06 23 57.0	-1.4
AAK	Ala-Archa	61.36 24	P	P	06 23 57.0	-1.4
LOT	Lotru	61.37 343	P	P	06 23 58.6	+0.3
MDVR	Moldovita	61.39 341	P	P	06 23 58.9	+0.5
OZUR	Ozura	61.41 344	P	P	06 23 58.6	+0.1
KIS	Kishinev	61.52 347	P	P	06 23 58.4	-0.8
TESR	Teser	61.57 343	P	P	06 24 01.1	+0.1
GZR	Gura Zlata	61.61 342	P	P	06 24 01.0	+1.1
GZR	Gura Zlata	61.61 342	P	P	06 24 00.9	+1.1
BOOM	Boomsokoje usch	61.82 25	P	P	06 24 00.0	-1.5
BOOM	Boomsokoje usch	61.82 25	P	P	06 24 23.9	
BOOM	Boomsokoje usch	61.82 25	P	P	06 24 00.0	-1.5
SURR	Surduc	62.13 342	P	P	06 24 03.6	+0.2
BZS	Buzias	62.17 341	P	P	06 24 04.9	+1.4
CHZ	Chuzias	62.17 341	P	P	06 24 04.9	+1.4
PHRA	Phrae	62.31 61	P	P	06 24 04.7	-0.3
FRGS	Fruska Gora	62.35 340	P	P	06 24 06.2	+1.4
FRGS	Fruska Gora	62.35 340	P	P	06 24 06.0	+1.2
CAMP	Campotosto	62.60 334	I	I	06 24 09.2	
MARR	Marisel-Cluj	62.67 343	P	P	06 24 08.3	+1.3
ARCR	ARCALIA	62.70 344	P	P	06 24 08.2	+1.1
SORM	Soroca	62.70 347	P	P	06 24 06.7	-0.4
SORM	Soroca	62.70 347	P	P	06 24 06.6	-0.4
SIRR	Siria	62.74 342	P	P	06 24 08.4	+1.0
DRGR	Drungo	62.90 343	P	P	06 24 09.6	+1.1
DRGR	Drungo	62.90 343	P	P	06 24 09.5	+1.1
BURAR	Bucovina Array	62.96 345	P	P	06 24 10.0	+1.0
BURAR	Bucovina Array	62.96 345	P	P	06 24 08.2	-0.7
NRCA	Norcica	62.97 334	I	I	06 24 08.9	-0.2
BUR08	Bucovina Ar. S	62.99 345	I	I	06 24 11.3	
BUR08	Bucovina Ar. S	62.99 345	I	I	06 24 11.3	
CRAI	Chiangrai	63.19 59	I	I	06 24 12.3	
ABKAR	Abkular array	63.22 11	P	P	06 24 10.4	0.0
NDNU	Novodnistrovsk	63.36 347	P	P	06 24 11.1	-0.3
KMPD	K-Podolskiy	63.54 346	P	P	06 24 12.2	-0.3
KMPD	K-Podolskiy	63.54 346	P	P	06 24 12.9	+0.3
RAKU	Rahkiv	63.62 344	P	P	06 24 12.5	-0.7
KSV	Kosov	63.65 345	P	P	06 24 13.4	0.0
MORH	Mrgy, Hungar	63.67 339	P	P	06 24 14.4	+0.9
MORH	Mrgy, Hungar	63.67 339	P	P	06 24 14.5	+1.0
VORD	Divnogorie	63.87 356	eP	P	06 24 13.1	-1.6
VRH	Novokhoporsky	63.96 357	eP	P	06 24 14.4	-0.9
VRH	Novokhoporsky	63.96 357	eP	P	06 24 14.4	-0.9
TRSU	Trosnyk	64.01 343	P	P	06 24 17.5	+1.8
KORU	Koroievo	64.02 343	P	P	06 24 16.4	+0.7
VSR	Storzhevoje	64.13 356	eP	P	06 24 15.6	-0.8
STNU	Starnia	64.16 345	P	P	06 24 17.0	+0.3
BRIU	Brid	64.21 344	P	P	06 24 17.7	+0.7
MEZ	Mezhgor'ye	64.24 344	P	P	06 24 17.9	+0.7
TROLL	Troll, Antarti	64.34 194	P	P	06 24 21.4	+3.6
LUBAR	Lubar, Ukraine	64.52 347	P	P	06 24 18.2	-0.8
HOLU	Holmet	64.56 343	P	P	06 24 20.2	+0.9
VORR	Voronezh	64.58 356	eP	P	06 24 20.3	+0.9
VOIR	Voineasa-Covas	64.58 356	eP	P	06 24 20.3	+0.9
KOGS	Koegas	64.72 338	I	I	06 24 21.3	+0.9
CEYK	Cerknica	64.81 336	P	P	06 24 21.8	+0.7
AK07	Malin Array Si	64.82 349	P	P	06 24 20.9	-0.1
AK10	Malin Array Si	64.86 349	P	P	06 24 20.6	-0.6
AK09	Malin Array Si	64.87 349	P	P	06 24 21.1	-0.2
AK05	Malin Array Si	64.88 349	P	P	06 24 21.9	+0.4
AK08	Malin Array Si	64.89 349	P	P	06 24 21.3	-0.1
AK13	Malin Array Si	64.91 3				

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like La Plagne, Kasperke Hory, Makanchi Array, etc.

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like CLL, Collim, Gorka Klasztor, etc.

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like TGYY, RCHB, Hu-ho-hao-te, etc.

GCMT 03 06:26:32.0... Duration: 0 Moment tensor: Scale 10^16Nm; Mw=2.05; Ms=1.95; Mb=1.95; M0=3.66e+20; M2=2.10e+22; Best double couple: M5=11000; 1016; NP1=353.00000; 873.00000; 1.29.00000; NP2=254.00000; 863.00000; 1.161.00000; Principal axes: T 5.6290, Pg32.0000, Azm216.0000; N -1.0410, P1g57.0000; Azm21.0000; P -4.5910, P1g7.0000; Azm122.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like RPZ, KKAR, BVAR, BRVK, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BR105, N31M, SPB1, etc.

3d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CESH, ABKAR, BELG, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RNF Rovaniemi, KEF Keuruu, etc.

ADC 03 07:05:38.6:2.5, 5.53S, -145.77E, h0km, mb3 1/2, mblmp3.3/4, ML3.4/1, Error ellipse: s-maj=60.8km s-min=28.8km az=79.0, Eastern New Guinea region

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

ADC 03 07:10:54.8:1.0, 64.66N, 20.52E, h0km, mbtmp2.5/3, ML1.7/3, Error ellipse: s-maj=10.8km s-min=8.3km az=102.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ODEU Stanfors, SVAU Svanoeid, etc.

TIR 03 07:28:09.9, 40.73N, 19.54E, h11km, M12.4, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VLO Vlorë, TIR Tirane, etc.

Table with columns: LSK, LGT, IGT, PUK, FNA, SGR, etc. Includes station names like Leskovik, Iguonitsa, Puka, Florida, San Giovanni R, and various coordinates and phases.

SDD 03 07:32:02.2-2.6, 19.72N, 70.63W, h22km, 10km, MD3.4, ML2.7, MV3.8

OSPL 03 07:32:03.6-3.4, 19.70N, 70.67W, h0km, 14km, ML2.6

ISC 03 07:32:01.4-0.9, 19.70N, 70.65W, 0.03, h18km, 6km, n20, c0.88/36, 1C, Dominican Republic region

Main table of station data for the Dominican Republic region, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters.

MEX 03 07:39:21.4-0.8, 16.47N, 95.06W, h52km, 30km, MD3.9, Oaxaca

Table of station data for the Oaxaca region, including station names like Matias Romero, Arriaga, Huatulco, Vista Hermosa, etc.

MEX 03 07:39:23.0-0.8, 16.84N, 99.19W, h13km, 6km, MD3.6, Near coast of Guerrero

Table of station data for the Guerrero region, including station names like Cruz Grande, Los Arroyos, Malinaltepec, etc.

Table of station data for the Western Texas region, including station names like Tlaga, El Cayaco, Pinotepa, Mezcala, Fresnillo de T, etc.

NEIC 03 07:44:31.5-1.1, 31.12N, 0.02x103.24W, 0.02, h7km, 6km, mb Lg3.1/105, ML3.1/62, Error ellipse: s-maj=2.8km s-min=2.3km az=103.0, Western Texas

Main table of station data for the Western Texas region, including station names like Menahans, Alpine, Carlsbad, Guadalupe Moun, etc.

IDC 03 07:51:20.1-2.3, 1.05S, 128.43E, h0km, mb3.6/2, mbmp3.4/3, ML3.2/4, Error ellipse: s-maj=153.0km s-min=28.7km az=68.0

DJA 03 07:51:50.7-0.6, 4.9S, 5.12E, h10km, M3.77, MLV3.77

ISC 03 07:51:50.1-1.2, 3.85S, 0.09x128.19E, 0.07, h10km, n8, c1/24.8, Seram

Table of station data for the Seram region, including station names like Namlea, Seram, Labuha, etc.

ASAR Alice Springs 20.1565 P 05 27.8 -0.2

MKAR Makanchi Array 64.62 327 0.3nm, 0.7s

KRSC 03 07:54:49.2-1.2, 5.6S, 85N, 163.05E, h34km, 13km, M14.4, Fell [III] at Krutoberegovo.

MOS 03 07:54:50.9-1.3, 5.6S, 94N, 162.89E, h32km, mb4.0/1, Error ellipse: s-maj=12.4km s-min=4.4km az=68.1

IDC 03 07:54:53.8-2.8, 5.6S, 86N, 162.56E, h42km, 27km, mb3.5/18, mbmp3.7/19, ML2.6/1, MS2.9/2, Error ellipse: s-maj=17.3km s-min=13.5km az=140.0

ISC 03 07:54:52.6-0.5, 5.6S, 85N, 162.89E, 0.04, h35km, n97, c1/59/98, mb3.6/17, Near east coast of Kamchatka

Main table of station data for the Kamchatka region, including station names like Krutoberegovo, Sorokina, Klyuchi, etc.

NEIC 03 08:10:09.9,21.95S:68.70W,h106km
 SJA 03 08:10:09.6,20.21.89S:68.82W,h100km,ML4.2,MW4.2
 VAO 03 08:10:09.5,0.3,21.89S:68.36W,h67km,4km,mb4.8
 NEIC 03 08:10:10.5,2.8,21.88S:0.05:68.74W,0.07,h106km,4km,
 mb4.5/126,Mwr4.5/42,Mwr4.5(GUC),Error ellipse:
 s-maj=9.2km s-min=6.9km az=84.0,Moment Tensor
 Solution. Moment tensor: Scale 10¹⁵Nm, M₁₁=-4.39;
 M₂₂=2.91; M₃₃=1.48; M₁₂=0.25; M₁₃=4.28; M₂₃=3.71; Fault
 plane solution: Mw:6.87000;10¹⁵ NPT₁=21.00000°;
 342.95000°; λ=125.41000°. NPT₂=259.30000°;
 342.93000°; λ=40.15000°. Principal axes: T: 7.0048,
 P:12.0000°, Azm:136.0000°, N: -0.2855, Plg31.0000°;
 Azm38.0000°, P: -6.7193, Plg56.0000°, Azm244.0000°;
 IDC 03 08:10:10.7,0.4,22.01S:68.62W,h105km,4km,mb4.0/10,
 mbmp4.3/15,MS3.2/7>Error ellipse: s-maj=14.14km
 s-min=9.2km az=101.0
 GUC 03 08:10:10.2,0.0,8,21.92S:68.77W,h98km,4km,ML4.6
 ISC 03 08:10:09.8,20.21.89S:0.03:68.69W,0.04,h105km,4km,
 n256,e1964/250,mb4.5/63,13C,Chile-Bolivia border
 region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	Time	Res
				Op	IS	m	s	ISC
PB09	IPOC Station P	0.52	280		Sn		08 10 28.1	+1.7
PB09	IPOC Station P	0.52	280	iP	Pn		08 10 28.9	+0.9
PB09	IPOC Station P	0.52	280	iP	Pn		08 10 26.9	+0.5
PB09	IPOC Station P	0.52	280	iP	Pn		08 10 27.6	+1.1
PB09	IPOC Station P	0.52	280	iP	Pn		08 10 39.5	+0.6
PB09	IPOC Station P	0.52	280	iP	Pn		08 10 41.3	
LVC	Limon Verde	0.74	196		Pn		08 10 29.8	+1.3
LVC	Limon Verde	0.74	196	iP	Pn		08 10 42.9	+0.4
LVC	Limon Verde	0.74	196	iP	Pn		08 10 28.7	+0.2
LVC	Limon Verde	0.74	196	iP	Pn		08 10 43.9	
LVC	Limon Verde	0.74	196	iP	Pn		08 10 29.1	+0.6
LVC	Limon Verde	0.74	196	iP	Pn		08 10 43.1	+0.6
LVC	Limon Verde	0.74	196	iP	Pn		08 10 29.4	+0.9
LVC	Limon Verde	0.74	196	iP	Pn		08 10 42.8	+0.3
LVC	Limon Verde	0.74	196	iP	Pn		08 10 43.9	
LVC	Limon Verde	0.74	196	iP	Pn		08 10 29.6	+1.1
LVC	Limon Verde	0.74	196	iP	Pn		08 10 32.9	+0.4
PB06	IPOC Station P	1.15	225		Sn		08 10 50.3	+0.8
PB06	IPOC Station P	1.15	225	iP	Pn		08 10 32.7	+0.3
PB06	IPOC Station P	1.15	225	iP	Pn		08 10 55.4	
PB06	IPOC Station P	1.15	225	iP	Pn		08 10 33.4	+1.0
PB06	IPOC Station P	1.15	225	iP	Pn		08 10 49.6	+0.4
AF01	San Pedro de A	1.16	156		Sn		08 10 34.8	+2.2
AF01	San Pedro de A	1.16	156	iP	Pn		08 10 34.7	+2.1
AF01	San Pedro de A	1.16	156	iP	Pn		08 10 51.1	+1.3
AF01	San Pedro de A	1.16	156	iP	Pn		08 10 54.9	
PB04	IPOC Station P	1.42	252		Pn		08 10 36.0	+0.5
PB04	IPOC Station P	1.42	252	iP	Pn		08 10 35.3	-0.2
PB04	IPOC Station P	1.42	252	iP	Pn		08 10 58.3	
PB04	IPOC Station P	1.42	252	iP	Pn		08 10 36.0	+0.5
PB04	IPOC Station P	1.42	252	iP	Pn		08 10 54.3	-0.7
PB04	IPOC Station P	1.42	252	iP	Pn		08 10 60.0	
PB15	IPOC Station P	1.50	209		Pn		08 10 36.0	-0.5
PB15	IPOC Station P	1.50	209	iP	Pn		08 10 37.1	+0.6
PB15	IPOC Station P	1.50	209	iP	Pn		08 11 02.1	
PB15	IPOC Station P	1.50	209	iP	Pn		08 10 37.6	+1.1
PB15	IPOC Station P	1.50	209	iP	Pn		08 10 57.1	+0.4
PB05	IPOC Station P	1.70	235		Pn		08 10 37.3	-1.0
PB05	IPOC Station P	1.70	235	iP	Pn		08 10 38.6	-0.2
PB05	IPOC Station P	1.70	235	iP	Pn		08 11 07.9	
PB05	IPOC Station P	1.70	235	iP	Pn		08 10 39.2	+0.4
PB05	IPOC Station P	1.70	235	iP	Pn		08 11 00.0	-0.9
PB05	IPOC Station P	1.70	235	iP	Pn		08 11 04.9	
PATCX	Punta Patache	1.73	308		Pn		08 10 39.8	+0.6
PATCX	Punta Patache	1.73	308	iP	Pn		08 10 39.1	-0.1
PATCX	Punta Patache	1.73	308	iP	Pn		08 11 09.9	
PATCX	Punta Patache	1.73	308	iP	Pn		08 10 39.8	+0.6
PATCX	Punta Patache	1.73	308	iP	Pn		08 11 02.1	+0.5
PATCX	Punta Patache	1.73	308	iP	Pn		08 11 10.4	
PB08	IPOC Station P	1.79	346		Pn		08 10 42.4	+2.1
PB08	IPOC Station P	1.79	346	iP	Pn		08 10 41.7	+1.3
PB08	IPOC Station P	1.79	346	iP	Pn		08 11 10.7	
PB08	IPOC Station P	1.79	346	iP	Pn		08 10 42.4	+2.1
PB08	IPOC Station P	1.79	346	iP	Pn		08 11 05.5	+1.9
PB08	IPOC Station P	1.79	346	iP	Pn		08 11 11.0	
TA01	Diego Aracena	1.92	313		Pn		08 10 41.8	+0.3
TA01	Diego Aracena	1.92	313	iP	Pn		08 10 41.0	-0.5
TA01	Diego Aracena	1.92	313	iP	Pn		08 11 07.8	
TA01	Diego Aracena	1.92	313	iP	Pn		08 10 41.7	+0.3
TA01	Diego Aracena	1.92	313	iP	Pn		08 11 05.1	-0.5
TA01	Diego Aracena	1.92	313	iP	Pn		08 11 08.4	
TA02	Huaiquique	2.10	320		Pn		08 10 44.0	+0.2
TA02	Huaiquique	2.10	320	iP	Pn		08 10 43.4	-0.5
TA02	Huaiquique	2.10	320	iP	Pn		08 11 15.8	
TA02	Huaiquique	2.10	320	iP	Pn		08 10 43.8	0.0
TA02	Huaiquique	2.10	320	iP	Pn		08 11 10.0	+0.2
TA02	Huaiquique	2.10	320	iP	Pn		08 11 17.8	
GO01	Chusmiza	2.26	348		Pn		08 10 48.1	+1.7
GO01	Chusmiza	2.26	348	iP	Pn		08 10 47.4	+1.0
GO01	Chusmiza	2.26	348	iP	Pn		08 11 22.2	
GO01	Chusmiza	2.26	348	iP	Pn		08 10 48.1	+1.7
GO01	Chusmiza	2.26	348	iP	Pn		08 11 16.0	+1.6
GO01	Chusmiza	2.26	348	iP	Pn		08 11 20.3	
PB11	IPOC Station P	2.30	337		Pn		08 10 47.2	+0.5
PB11	IPOC Station P	2.30	337	iP	Pn		08 10 46.5	-0.2
PB11	IPOC Station P	2.30	337	iP	Pn		08 11 17.9	
PB10	IPOC Station P	2.36	226		Pn		08 10 46.6	-0.6
PB10	IPOC Station P	2.36	226	iP	Pn		08 10 47.9	+0.7
PB10	IPOC Station P	2.36	226	iP	Pn		08 10 59.4	+3.9
YJA	Yavi	2.96	96		Pn		08 10 59.4	+3.9
YJA	Yavi	2.96	96	iP	Pn		08 11 41.4	
PB14	IPOC Station P	3.15	210		Pn		08 10 58.7	+0.8
PB14	IPOC Station P	3.15	210	iP	Pn		08 10 57.9	0.0
PB14	IPOC Station P	3.15	210	iP	Pn		08 12 01.9	
GO02	Miná Guanaco	3.36	194		Pn		08 11 01.4	+0.6
GO02	Miná Guanaco	3.36	194	iP	Pn		08 11 00.2	-0.6
GO02	Miná Guanaco	3.36	194	iP	Pn		08 11 40.8	
PB12	IPOC Station P	3.60	334		Pn		08 11 03.3	-0.5
PB12	IPOC Station P	3.60	334	iP	Pn		08 11 02.7	-1.2
PB12	IPOC Station P	3.60	334	iP	Pn		08 12 10.5	
AP01	Chacalluta	3.83	336		Pn		08 11 06.5	-0.3
AP01	Chacalluta	3.83	336	iP	Pn		08 11 05.1	-1.0
AP01	Chacalluta	3.83	336	iP	Pn		08 12 10.2	
SLA	San Lorenzo	4.06	135		Pn		08 11 13.0	+3.0
SLA	San Lorenzo	4.06	135	iP	Pn		08 12 13.5	
AZAP	Zapla	4.07	126		Pn		08 11 12.7	+2.6
AZAP	Zapla	4.07	126	iP	Pn		08 12 05.8	
ASTB	Santa Barbara	4.41	118		Pn		08 11 18.6	+3.9
ASTB	Santa Barbara	4.41	118	iP	Pn		08 12 34.0	
AC01	Pan de Azucar	4.58	202		Pn		08 11 16.2	-0.7
AC01	Pan de Azucar	4.58	202	iP	Pn		08 11 15.3	-1.6
AC01	Pan de Azucar	4.58	202	iP	Pn		08 12 28.5	
ALOL	LOMAS DE OLMES	4.75	115		Pn		08 11 20.4	+1.3

LPAZ	La Paz	5.60	6	Pn	08 11 34.4	+3.1	
LPAZ	La Paz	5.60	6	P	08 11 33.4	+2.1	
LPAZ <td>La Paz</td> <td>5.60</td> <td>6</td> <td>eP</td> <td>Pn</td> <td>08 11 28.1</td> <td>-3.1</td>	La Paz	5.60	6	eP	Pn	08 11 28.1	-3.1
AC06	Casimiro	5.65	66	Pn	08 11 29.5	-1.9	
GO03	Copala	5.95	194	Pn	08 11 28.2	-1.7	
AC04	Llanos de Chal	6.05	198	Pn	08 11 42.0	-2.9	
AC05	El Transito	7.06	191	Pn	08 11 48.4	-2.2	
LCO	Las Campanas	7.32	194	Pn	08 11 51.1	-3.1	
CO01	Juntas del Tor	8.15	189	Pn	08 12 03.8	-1.8	
ICGA	Cres Isletas	8.81	322	Pn	08 12 18.9	-3.1	
BBSB	Serra de San D	8.94	60	eP	Pn	08 12 10.3	-5.8
BBRD	Robore, Bolivi	9.09	68	Pn	08 12 12.2	-5.9	
CO03	El Pedregal	9.09	51	Pn	08 12 14.1	-4.1	
SIV	San Ignacio	9.29	52	P	08 12 19.1	-1.9	
SIV	San Ignacio	9.29	52	P	08 13 59.6	-4.1	
SIV	San Ignacio	9.29	52	P	08 16 21.4		
SIV	San Ignacio	9.29	52	P	08 12 19.1	-4.7	
MURT	Porto Murtinho	10.30	91	eP	Pn	08 12 29.0	-5.6
PTLB	Pontes e Lacer	11.09	56	eP	Pn	08 12 44.4	-0.8
PTLB	Pontes e Lacer	11.09	56	eP	Pn	08 12 39.7	-5.5
BQDN	Bodoquena, MS	11.23	85	eP	Pn	08 12 42.0	-5.2
CPUP	Villa Florida	11.28	115	P	08 12 46.7	-1.0	
CPUP	Villa Florida	11.28	115	P	08 12 46.0	-1.7	
CPUP	Villa Florida	11.28	115	P	08 17 55.8		
CPUP	Villa Florida	11.28	115	P	08 12 45.5	-2.2	
MT13	San Alfonso	11.89	186	Pn	08 12 55.0	-1.0	
MT09	Talagante	12.01	189	Pn	08 12 54.1	-3.5	
MT01	Popeta	12.14	190	Pn	08 12 55.4	-3.8	
MT04	La Punta	12.17	188	Pn	08 12 59.1	-0.6	
AGDS	Aquidauana	12.20	8				

3d 9h

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Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like TGTN, V35K, S34M, S34M, S34M, NEEM, MDT, R33M, R33M, WRAK, ESDC, ESDC, ESDC, U33K, P33M, P33M, P32M, P32M, S32K, N32M, R32K, FARO, EKA, EKA, SKAG, WHY, M31M, S31K, A36M, A36M, PLBC, N31M, N31M, P30M, P30M, H31M, MAYO, N30M, P29M, F31M, G31M, M30M, M30M, M30M, H31M, H31M, DAG, I30M, I30M, I30M, YUK6, O29M, K29M, YUK4, L29M, M29M, M29M, G30M, EPYK, DBIC, I29M, CLF, O28M, H29M, G29M, DAWY, YUK3, E29M, CTG, I28M, I28M, MESA, D28M, M28M, M27K, EGAK, E28M, BCAR, L27K, L27K.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like L27K, K27K, I27K, H27K, MCARA, DOU, DOU, G27K, M26K, BMRD, D27M, E27K, L26K, BGES, BGES, RCHB, RCHB, I26K, BCLA, J26L, J26L, J26L, SCRK, SCRK, BMRM, N25K, G26K, MEM, WLF, WLF, HARP, F26K, C27K, PAX, EYAK, BMAR, J25K, KLU, K24K, PRP, PRP, Q23K, M24K, AHRW, H25L, BNI, BNI, BUG, C26K, F25K, E25K, G25K, GLI, IBBN, IBBN, ILAR, ILAR, HDA, P23K, SCM, DHY, D25K, POKR, M23K, WAT6, G24K, COLA, KASTN, KASTN, H24K, H24K, I24K, TNS, TNS, SML, F24K, F24K, KNK, WAT1, TOAO, TOAO, TOR, TOR, TOR, TOR, RND, E24K, MCK.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like RETH, NEA2, PMR, C24K, D24K, I23K, STEU, STEU, H23K, RC01, O22K, TOLK, G23K, G23K, GTTG, GTTG, NRDL, TUE, TUE, M22K, BSEG, COLD, UBBA, UBBA, CUT, NOA, NOA, CLZ, CLZ, MLY, C23K, C23K, D23K, DAVA, DAVA, SUA, DAVOX, BPAW, BPAW, BPAW, BRSE, ASSE, ASSE, UBR, H22K, CAPN, G22K, SKT, E22K, GORT, FLTG, FLTG, FLTG, I21K, F22K, RETA, CAST, FETA, FETA, PPLA, CHUM, D22K, MOX, H21K, H21K, MOTA, MOTA, FUR, NEUB, SQT, SQT, B22K, Q20K, Q20K, F21K, G21K, G21K, KEST, KEST, WATA, WATA, M20K, KDAK.

PLN	baz=85	70.51 42	eP	P	09 24 26.5 +0.8
PLN	comp=Z,6.8nm,1.0s,baz=276,slow=6.1				
HFS	baz=85	70.53 32	eP	P	09 24 26.1 +0.5
HFS	comp=Z,1.7nm,0.6s,baz=298,slow=3.2,SNR=12				
HFS	comp=Z,1.4nm,0.8s,baz=232,slow=7.3,SNR=2.5				
HFS	comp=Z,20nm,19.9s,baz=275,slow=35				09 51 37.5
E21K	baz=86	70.53 37	eP	P	09 24 25.1 -0.5
MANZ	baz=86	70.53 43	eP	P	09 24 27.0 +1.1
MANZ	comp=Z,2.8nm,1.0s,baz=276,slow=6.1				
WTTA	Wattenberg	70.53 46	iP	P	09 24 26.9 +0.7
WTTA	comp=Z,3.3nm,0.9s				
P19K	Oil Pt	70.69 328	P	P	09 24 26.3 -0.4
TANN	Tannenbergs	70.71 42	eP	P	09 24 27.9 +0.9
TANN	comp=Z,1.1nm,1.2s,baz=276,slow=6.1				
B21K	Ikpikuk River	70.72 338	P	P	09 24 58.1 +0.2
A22K	Sincia Lake	70.79 340	P	P	09 24 26.5 -0.1
C21K	Knifblade Rid	70.80 338	P	P	09 24 27.1 +0.1
L20K	Farewell, AK	70.80 331	P	P	09 24 27.2 +0.1
J20K	Nowinta River	70.81 333	P	P	09 24 26.5 -0.8
K20K	Telida	70.83 332	P	P	09 24 26.9 -0.5
SPITS	Spitsbergen Ar	70.84 13	P	P	09 24 27.5 +0.2
SPITS	comp=Z,2.8nm,0.6s,baz=150,slow=5.5				
I20K	Naaghdeneel	70.91 333	P	P	09 54 12.8
OHAK	Old Harbor	70.93 325	P	P	09 24 27.6 -0.3
OHAK	comp=Z,2.8nm,0.6s				
CLL	Collm	70.95 41	iP	P	09 24 28.0 -0.4
CLL	comp=Z,7.0nm,1.1s				
CLL	Collm	70.95 41	iP	P	09 24 49.4 -0.7
CLL	comp=Z,6.5nm,1.1s				09 24 59.0 -0.3
CLL	Collm	70.95 41	iP	P	09 24 29.8 +1.4
CLL	comp=Z,7.9nm,1.1s,baz=276,slow=6.1				
Q19K	Cape Douglas,	70.96 327	P	P	09 24 29.3 +0.9
H20K	Anoteneega Mo	71.03 334	P	P	09 24 29.8 -0.3
M19K	Big River Lodg	71.08 330	P	P	09 24 59.3 0.0
O19K	Port Alsworth	71.19 328	P	P	09 24 27.9 -0.5
AABT	Abfaltersbach	71.48 46	eP	P	09 24 28.5 -0.2
CIMO	Cimolais	71.20 46	P	P	09 24 28.6 -0.4
CIMO	comp=Z,9.8nm,1.1s				
LES	Schwarzleotal	71.22 45	eP	P	09 24 29.7 0.0
N19K	Bonanza Creek	71.22 329	P	P	09 24 30.6 +0.5
RJOB	Jochberg	71.25 45	eP	P	09 24 31.5 +0.1
F20K	Avaraart Lake	71.27 336	P	P	09 24 30.6 +0.5
L19K	White Mountain	71.28 330	P	P	09 24 30.6 +0.5
RUE	Ruedersdorf	71.29 40	eP	P	09 24 30.6 +0.5
A21K	Barrow	71.31 340	P	P	09 24 30.6 +0.5
E20K	Nigu River	71.36 337	P	P	09 24 31.4 -0.1
S19K	Poorman	71.47 332	P	P	09 24 31.4 -0.1
J11K	Sitkinak Islan	71.48 324	P	P	09 24 31.4 0.0
D20K	Etiivuk River	71.48 337	P	P	09 24 31.4 0.0
B20K	Meade River	71.58 339	P	P	09 24 31.9 +0.1
KHC	Kasperske Hory	71.59 43	P	P	09 24 33.2 +0.8
KHC	comp=Z,9.3nm,0.9s				09 24 34.7
BRG	Berggiesshubel	71.59 42	iP	P	09 24 33.9 +1.6
BRG	comp=Z,6.7nm,0.9s				09 24 34.5
BRG	Berggiesshubel	71.59 42	eP	P	09 24 33.2 +0.9
BRG	comp=Z,6.7nm,0.9s,baz=276,slow=6.1				
O18K	Koktuh Hills	71.76 328	P	P	09 25 03.2 0.0
H19K	Roundabout Mou	71.68 334	P	P	09 24 32.7 +0.1
GEC2	GERESS Array S	71.70 44	eP	P	09 24 32.4 -0.1
GEC2	comp=Z,9.2nm,1.0s,baz=276,slow=6.1				
GERES	GERESS Array B	71.70 44	eP	P	09 25 04.2 +0.2
GERES	comp=Z,4.1nm,0.9s,baz=296,slow=4.3,SNR=19				09 24 33.5 +0.3
GERES	comp=Z,2.0nm,0.9s,baz=256,slow=5.4,SNR=3.2				09 24 54.8 -0.1
GERES	comp=Z,3.8nm,1.0s,baz=248,slow=5.6,SNR=3.7				09 25 04.1 0.0
GERES	comp=Z,2.1nm,1.9s,baz=260,slow=3.3				09 52 56.6
KBA	Koelnbreinsper	71.71 46	eP	P	09 24 34.6 +1.2
P18K	Big Mountain,	71.73 328	P	P	09 24 32.6 -0.4
M18K	Stony River	71.80 330	P	P	09 24 33.2 -0.1
E19K	Redstone River	71.82 336	P	P	09 24 33.3 -0.1
E19K	comp=Z,14nm,1.4s				09 24 42.1
E19K	Redstone River	71.82 336	P	P	09 24 33.1 -0.2
BIOA	Bad Ischl, Aus	71.83 45	eP	P	09 24 35.3 +1.5
BIOA	comp=Z,2.1nm,0.7s				09 24 56.4 +0.8
G19K	Purcell Mounta	71.89 335	P	P	09 24 33.5 -0.2
N18K	Kilae Creek	71.92 329	P	P	09 24 33.5 -0.6
MYKA	Terra Mystica	71.98 46	eP	P	09 24 35.5 +0.7
J18K	Innokov River	72.00 332	P	P	09 24 34.3 +0.1
SABO	M.te Sabotino	72.05 47	P	P	09 24 36.9 +1.7
SABO	comp=Z,8.4nm,0.7s				09 24 37.4
D19K	Kuna River	72.05 337	P	P	09 24 34.8 0.0
D19K	comp=Z,4.1nm,0.9s				09 24 34.6 -0.3
CADS	Cadr	72.17 46	iP	P	09 24 36.3 +0.8
CADS	comp=Z,4.1nm,0.9s				09 24 57.4 +0.1
CADS	comp=Z,5.8nm,0.4s				09 25 06.0 -0.2
L18K	Granite Mounta	72.13 331	P	P	09 24 35.4 +0.1
VIKU	Vikoblandet	72.22 33	eP	P	09 24 36.9 +1.1
MOA	Molin	72.22 45	eP	P	09 24 37.0 +0.9
P17K	Kvichak River	72.37 327	P	P	09 24 36.5 -0.3
C19K	Lookout Ridge	72.52 338	P	P	09 24 37.3 -0.2
H18K	Honhosa River	72.52 334	P	P	09 24 37.7 +0.1
Q16K	King Salmon	72.55 327	P	P	09 24 37.8 0.0
G18K	Tagagawik	72.55 335	P	P	09 24 37.7 -0.1
N17K	Nushagak Hills	72.57 329	P	P	09 24 37.8 -0.2

M17K	Holitna River	72.58 330	P	P	09 24 38.2 +0.2
OBKA	Obir	72.62 46	eP	P	09 24 39.6 +1.0
O17K	Koliganek Bris	72.62 328	P	P	09 24 37.8 -0.5
LJU	Ljubljana	72.68 47	eP	P	09 24 39.9 +1.0
LJU	LJU		eP	P	09 25 01.9 +1.3
LJU	LJU		iP	P	09 25 10.2 +0.3
K17K	Iditarod	72.81 331	P	P	09 24 39.2 -0.2
F18K	Selawik	72.86 335	P	P	09 24 39.6 +0.1
L17K	Donlin	72.89 331	P	P	09 24 39.8 0.0
A19K	Wainwright	72.89 339	P	P	09 24 39.6 0.0
SOKA	Soboth	72.92 46	eP	P	09 24 41.0 +0.5
PDKS	Podkum	73.00 46	iP	P	09 24 41.7 +0.9
PDKS	PDKS		eP	P	09 25 02.6 0.0
PDKS	PDKS		iP	P	09 25 11.4 -0.4
J17K	VABM Dome	73.06 332	P	P	09 24 40.8 0.0
E18K	Tukpahleirik C	73.11 336	P	P	09 24 41.0 -0.1
O16K	Kokwok River B	73.15 328	P	P	09 24 40.9 -0.5
C18K	Utukok River	73.16 338	P	P	09 24 41.2 -0.2
ARSA	Arzberg	73.16 45	eP	P	09 24 42.7 +1.0
ARSA	comp=Z,4.2nm,0.7s,SNR=5.3				
DPC	Dobruska-Polom	73.17 42	P	P	09 25 03.5 0.0
P16K	Nushagak River	73.18 327	P	P	09 24 43.4 +1.7
H17K	Ghanak Mouta	73.20 334	P	P	09 24 41.6 0.0
B18K	Kokolik River	73.26 338	P	P	09 24 42.0 +0.2
CONA	Conrad Observa	73.27 44	eP	P	09 24 43.5 +1.1
N16K	Nishlik Lake	73.36 329	P	P	09 24 43.1 +0.5
M16K	Timber Creek	73.36 329	P	P	09 24 43.4 +0.8
G17K	Kiwalik Mouta	73.42 334	P	P	09 24 43.7 +0.8
KRUC	Korvsky	73.43 43	eP	P	09 24 44.1 +0.9
L16K	Dwhat River	73.50 330	P	P	09 24 43.8 +0.5
VRAC	Vranov	73.51 43	eP	P	09 24 44.7 +0.9
VRAC	Vranov	73.51 43	LR	P	09 53 11.9
F17K	Baldwin Pennin	73.52 335	P	P	09 24 44.0 +0.6
RONA	Rosalia, Austr	73.60 45	eP	P	09 24 45.5 +1.2
RONA	comp=Z,7.1nm,1.0s,SNR=5.7				09 25 06.9 +0.7
AAL	Hoatham Inlet	73.64 361	P	P	09 24 44.4 +0.3
E17K	Aland	73.65 31	P	P	09 24 45.2 +0.9
I17K	Unalakleet	73.70 333	P	P	09 24 44.8 +0.3
J16K	Anvik River	73.76 332	P	P	09 24 45.6 +0.7
CHGN	Chignik	73.84 325	P	P	09 24 46.2 +0.8
C17K	DeLong Mountai	73.90 337	P	P	09 24 45.9 +0.2
D17K	Nostok River	74.01 337	P	P	09 24 47.2 +1.0
MORC	Moravsky Berou	74.04 42	P	P	09 24 47.2 +0.3
MORC	comp=Z,6.9nm,0.9s				09 24 49.4
MORC	Moravsky Berou	74.04 42	eP	P	09 24 48.0 +1.1
N15K	Kwethluk River	74.05 329	P	P	09 24 47.3 +0.6
MODS	Modra-Piesok	74.12 44	eP	P	09 24 49.3 +2.0
G16K	Koyuk River	74.14 334	P	P	09 24 47.8 +0.7
VAE	Valguarnera	74.17 55	LR	P	09 55 30.2
H16K	Elim	74.23 333	P	P	09 24 48.3 +0.7
M15K	Kasigluk River	74.25 329	P	P	09 24 48.3 +0.5
ARCES	ARCCESS Array B	74.27 21	P	P	09 24 48.4 +0.6
ARCES	comp=Z,9.3nm,0.8s				09 24 49.5
ARCES	ARCCESS Array B	74.27 21	P	P	09 24 48.5 +0.7
ARCES	comp=Z,5.2nm,0.5s,baz=287,slow=4.1,SNR=41				
ARCES	comp=Z,2.4nm,0.5s,baz=283,slow=4.4,SNR=4.0				09 25 10.0 +0.3
JAVC	Velka Javorina	74.29 43	eP	P	09 24 50.2 +1.8
K15K	Wolf Creek Mout	74.36 331	P	P	09 24 48.9 +0.5
RAF	Rauma	74.36 30	eP	P	09 24 49.3 +0.9
VAF	Vylstaro	74.41 28	eP	P	09 24 50.6 +2.0
L15K	Ungalak Mouta	74.45 330	P	P	09 24 49.5 +0.6
S14K	Fog Glacier	74.47 325	P	P	09 24 49.2 -0.1
MPLH	Magyapolny	74.52 45	P	P	09 24 51.3 +1.6
C16K	Lisburne Hills	74.73 337	P	P	09 24 50.3 -0.1
CHNA	Chernabura Isl	74.77 323	P	P	09 24 50.9 0.0
O14K	Tiguykuivuet M	74.81 328	P	P	09 24 50.9 -0.1
M14K	Bethel	74.86 329	P	P	09 24 51.3 0.0
N14K	Kuskokwak Cree	74.89 329	P	P	09 24 51.3 -0.2
G15K	Niukluk	74.92 334	P	P	09 24 51.7 +0.1
F15K	North Star Dit	75.02 335	P	P	09 24 52.2 +0.1
L14K	Kuka Creek	75.08 330	P	P	09 24 52.3 -0.2
VYHS	Vyhne	75.12 43	eP	P	09 24 54.9 +1.8
SDPT	Sand Point	75.17 324	P	P	09 24 53.2 +0.1
J14K	Narvaranak Lak	75.19 332	P	P	09 24 52.8 -0.3
SLIT	Slitere, Latvi	75.29 34	eP	P	09 24 55.0 +1.2
OJC	Ojcow	75.38 42	eP	P	09 24 56.6 +2.0
OJC	Ojcow	75.38 42	eP	P	09 24 56.6 +2.0
ANM	comp=Z,12nm,1.2s				09 24 55.2 -0.1
KEF	Keuruu	75.58 29	eP	P	09 24 57.0 +1.6
M13K	Dall Lake	75.60 329	P	P	09 24 55.5 0.0
TIP	Timpagrande	75.61 53	P	P	09 24 56.3 +2.8
BEL	Belsk	75.66 40	eP	P	09 24 58.8 +0.2
F14K	Arctic Creek	75.75 335	P	P	09 24 56.2 -0.1
MTSE	Matsula	75.85 32	eP	P	09 24 58.2 +1.2
NIE	Niedzica	75.87 42	eP	P	09 25 01.0 +3.6
NIE	Niedzica	75.87 42	eP	P	09 25 00.9 +3.5
FINES	FINES Array B	76.31 29	P	P	09 25 00.4 +0.8
FINES	comp=Z,7.4nm,0.6s,baz=274,slow=3.8,SNR=47				09 25 22.0 +0.5
FINES	comp=Z,1.4nm,0.5s,baz=275,slow=3.7,SNR=20				09 25 31.5 +0.8
FINES	comp=Z,2.8nm,0.7s,baz=242,slow=4.1,SNR=2.7				09 55 24.9
TNA	Tin City	76.37 335	P	P	09 25 00.0 +0.2
STHS	Stebnicka Huta	76.47 42	eP	P	09 25 02.4 +1.6
FRGS	Fruska Gora	76.49 47	P	P	09 25 03.8 +2.8
PABE	Paberze	76.67 36	eP	P	09 25 03.5 +1.8
PDG	Podgorica	76.72 50	P	P	09 25 03.6 +1.3
PDG	comp=Z,11nm,1.1s				09 25 34.9
CRVS	Cervenica-Dubn	76.73 43	eP	P	09 25 04.7 +2.5
ARBE	Arbavere	76.77 31	eP	P	09 25 03.7 +1.5
M11K	Mekoryuk	76.98 330	P	P	09 25 03.5 +0.1

KWP	Kalwaria Pacla	77.35 42	eP	P	09 25 09.0 +3.3
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Table with columns: AC05, MT05, LCO, MT02, RFA, CYA, BO02, PIL, AC01. Includes station names like Renca, Las Campanas, Curacav, San Rafael, Choyo, Sierra Bellavi, Pilar, Pan de Azucar.

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Table with columns: MFTN, FORT, FITZ, JCJ, SBA, Vnda, PA500, MBWA, NIKH, MJAR, PKM, CIS, CHNA, SDPT, OSI, DECC, 109C, VES, EDW2, JUNU, IKP, LPIO, PFO, TPFO, SPIA, SWSC, CHGN, LRMC, CWC, PETK, BELC, QSPA, MPMC, MLAC, GSC, BC3, HEC, GLA, YBH, SII, GMRC, IRM, TUQ, SHOC, NVAR, GMN, NV11, OHAK, NEE2, TPH, PDMC, YULB, KDKA, J05D, J05D, O14K, O15K, PINE, PINE, R11B, N14K, TUC, M11K, P18K, M13K, X16A, KSR5, LCMT, KSAR, Q12A, Q12A, O18K, M14K, N16K, P19K, M15K, CCUT, J08A, SPR3, U15A, PSUT, N17K, HOM, O19K, WUAZ, L14K, M16K. Includes station names like Manton Dam, Forrest, Fitzroy Crossi, Chichijima, Scott Base, Vanda, Pilbara Seismi, Marble Bar, Nikolski High, Matsushiro Arr, Petherick, McPherson Peak, Catalina Islan, Chernabura Isl, Sand Point, Osito Audit, Green Verdugo, Camp Elliot, Vestal, Monument Peak, Edwards Air Fo, Nakatsue, In-Ko-Pah, Paz, Pinyon Flats, Pinyon Flats, Pinon Flats, Saint Paul Isl, Sam W. Stewart, Chignik, Laurel Mtn Rad, Cottonwood Cre, Petropavlovsk, Belle Mtn. Jos, South Pole Qui, Mina Array Bea, Mammoth, Goldstone, Big Chuckwall, Hector, Glamis, Yreka Blue Hor, Sitkinak Islan, Granite Mounta, Iron Mountain, Turquoise Moun, Shoshone, Tecco, Mina Array Bea, Gold Mountain, Mina Array Sit, Old Harbor, Needles Airpor, Tonopah, Parker Dam, Yuli, Kodiak Island, Fort Rock, Tiguykaiuiv M, Unalakhtiuik R, Pine Mountain, Troy Canyon, Kuskokwak Cree, Tuesson, Mekoryuk, Big Mountain, Wild Horse Val, Dall Lake, Kweethluk River, Lo Mia Camp, Korea Array, Little Creek M, Wonju Army Be, Willow Creek R, Koku Hills, Bethel, Nishlik Lake, Oil Pi, Kasigluk River, Cedar City, Circle Bar, Spring Cree, North Rim, Pine Spring, Nuskak Hills, Homer, Port Alsworth, Wupatki, Kuka Creek, Timber Cree.

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Table with columns: BRSE, ELK, N18K, L15K, N19K, M17K, MTPU, SEW, L16K, MVU, W18A, CAPN, K15K, L17K, DUG, DUG, L18K, M19K, KAIM, V35K, M20K, SUA, SIT, L19K, K17K, EYAK, F10A, F10A, TMUT, TMUT, GAMB, KNK, PMR, J16K, HLID, HLID, WRAK, B08A, B08A, S32K, SRU, P17A, VHRN, C09A, C09A, BMRM, MNTX, CUT, J18K, J18K, TCUT, TCUT, TXAR, TXAR, K20K, P29M, ANMO, ANMO, ANMO, MCARA, CTG, WAT6, CAST, CAST, H16K, PLBC, WAT1, J19K, NJ2, NJ2, NEW, NEW, O28M, T35M, O29M, MA2, G15K, TRF, TRF, SKAG, P30M, CHUM, J20K, J20K, S34M, KLR, DHY, DHY. Includes station names like Bradley Lake S, Elko, Kilaheo Creek, Ungalak Mounta, Bonanza Creek, Holitna River, Mount Pierson, Seaward, Ohwat River, Marysvale, Petried Fore, Captain Cook N, Wolf Creek Mou, Donlin, Dugway, Tooele, Dugway, Tooele, Granite Mounta, Big River Lodg, Kayak Island, Ketchikan, Styx River, Susitna One, Sitka, White Mountain, Iditarod, Cordova Ski Ar, Beach Ranch, E, Trail Mountain, Gambell, Knik Glacier, Palmer, Anvik River, Haley, Wrangell Islan, Colville Reser, Killisnoo, Rafael Swe, Butcher Cree, Van Horn, Chrisman Ranch, Bremner River, Cornudas Mount, China, Innoko River, Innoko River, Toone Canyon, Lajitas Array, Telida, Windy Craggy, Albuquerque, Albuquerque, McCarthy VSAT, Chitna Glacier, Susitna Watana, Castle Rocks, Castle Rocks, Elim, Pleasant Camp, Susitna Watana, Poorman, Nanjing, Newport, Newport, Mount Upton, Mount Kennedy, Magadan, Niukluk, Thorofare Moun, Thorofare Moun, Skagway, Million Dollar, Lake Minchumina, Nowinta River, Nowinta River, Telegraph Cree, Kuldur, Denali Highway, Denali Highway.

IDC 03 09:21:32.2+0.6, 16:25S:172:97W, h0km, mb4.3/17, mbmp4.3/17, MS3.8/23, Error ellipse: s-maj=24.2km s-min=14.9km az=127.0 N0U 03 09:21:36.5, 16:01S:172:32W, h29km, mb4.9/11, Samoa Islands Region NEIC 03 09:21:38.5+2.3, 16:12S:172:89W, 0:10, h35km, 2km, mb4.6/96, Error ellipse: s-maj=15.9km s-min=11.9km az=93.0 BGR 03 09:21:39.9, 15:89S:167:27W, h33km ISC 03 09:21:37.1+0.3, 16:29S:0:06, 172:84W, 0:05, h35km, n467, s1941/440, mb4.6/70, MS3.8/23, 2D, Samoa Islands region

Main station data table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI, AFU, NIUE, NIUE, MSVF, FUNA, RAR, RAR, RAR, RAR, RAO, LIFNC, LIFNC, PINNC, OUCNC, OUCNC, DZM, DZM, DZM, DZM, DZM, DZM, DZM, ONTNC, KOUNC, KOUNC, PAE, PPT2, PPT2, PPT2, PPT2, PPT2, PPT2, PPT2, PPT2, TVO, TBI, TBI, TBI, TBI, URZ, URZ, URZ, URZ, HIZ, HNR, QHZ, KRZ, RPZ, JCZ, EIDS, ARMA, PMG, H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, TOO, TOO, COEN, COEN, STKA, STKA, WBOO, WFR0, WBO, WBO, WBO, WRA, WRA, WRA, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR.

Main station data table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MFTN, FORT, FITZ, JCJ, SBA, Vnda, PA500, MBWA, NIKH, MJAR, PKM, CIS, CHNA, SDPT, OSI, DECC, 109C, VES, EDW2, JUNU, IKP, LPIO, PFO, TPFO, SPIA, SWSC, CHGN, LRMC, CWC, PETK, BELC, QSPA, MPMC, MLAC, GSC, BC3, HEC, GLA, YBH, SII, GMRC, IRM, TUQ, SHOC, NVAR, GMN, NV11, OHAK, NEE2, TPH, PDMC, YULB, KDKA, J05D, J05D, O14K, O15K, PINE, PINE, R11B, N14K, TUC, M11K, P18K, M13K, X16A, KSR5, LCMT, KSAR, Q12A, Q12A, O18K, M14K, N16K, P19K, M15K, CCUT, J08A, SPR3, U15A, PSUT, N17K, HOM, O19K, WUAZ, L14K, M16K.

Main station data table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BRSE, ELK, N18K, L15K, N19K, M17K, MTPU, SEW, L16K, MVU, W18A, CAPN, K15K, L17K, DUG, DUG, L18K, M19K, KAIM, V35K, M20K, SUA, SIT, L19K, K17K, EYAK, F10A, F10A, TMUT, TMUT, GAMB, KNK, PMR, J16K, HLID, HLID, WRAK, B08A, B08A, S32K, SRU, P17A, VHRN, C09A, C09A, BMRM, MNTX, CUT, J18K, J18K, TCUT, TCUT, TXAR, TXAR, K20K, P29M, ANMO, ANMO, ANMO, MCARA, CTG, WAT6, CAST, CAST, H16K, PLBC, WAT1, J19K, NJ2, NJ2, NEW, NEW, O28M, T35M, O29M, MA2, G15K, TRF, TRF, SKAG, P30M, CHUM, J20K, J20K, S34M, KLR, DHY, DHY.

Table with columns: Station ID, Name, Elevation, Azimuth, Frequency, Power, and other technical details. Includes stations like Granite Mounta, Reindeer, Arctic Creek, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Frequency, Power, and other technical details. Includes stations like POKR, Quiet Lake, Chicken, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Frequency, Power, and other technical details. Includes stations like RSSD, Black Hills, Peel River, etc.

TORD Torodi Ar, Be... 173.85 120 PKP PKPdf 09 41 43.8 -0.1

NEIC 03 09:23:01.5i 1.0, 19.421N; 0.004:155.284W; 0.007, h2km, 2km, Error ellipse: s-maj=1.0km s-min=0.5km

HVO 03 09:23:00.7-0.9, 19.4114N; 0.006:-155.283W; 0.005, h1km, 4km, ML2.7/41, ML2.7/43(NEIC), Error ellipse: s-maj=1.0km s-min=0.5km az=209.0, Hawaiian Islands

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

IDC 03 09:31:37.8i 1.1, 31.95N; 129.99E, h0km, mb3.5/3, mbtmp3.5/6, ML2.9/3, MS2.8/3, Error ellipse: s-maj=30.1km s-min=12.1km az=107.0

NIED 03 09:31:40.7, 31.96N; 130.13E, h1km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mw=0.73; Mww4.96; Mww4.24; Mw=1.70; Mw1.05; Mw=0.78; Fault plane solution: Ms=6.30000x10^14 NP1: 0+106.00000, 877.00000, -13.00000. NP2: 0+197.00000, 877.00000, -177.00000. JMA 03 09:31:40.7, 0.0, 32.0N; 0.1, 130.1E; 0.1, h1km, MD3.9/40, MV4.1/40, W OFF AMAKUSA ISLAND

JMA Felt III J1 at W OFF AMAKUSA ISLAND

ISC 03 09:31:40.2i 1.1, 31.97N; 0.05:130.11E; 0.04, h17km, 9km, n31, 0+51/24, mb3.5/3, 8D, Kyushu

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

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

IDC 03 09:38:15.9i 1.4, 31.71N; 134.98E, h0km, mb3.2/3, mbtmp3.5/6, ML3.2/3, Error ellipse: s-maj=30.7km s-min=26.5km az=95.0

JMA 03 09:38:36.2, 0.6, 33.1N; 5.13E, h321km, MV2.9/24, FAR S OFF TOKAI DISTRICT

ISC 03 09:38:35.0i 1.2, 32.82N; 0.09:138.4E; 0.1, h350km, n12, 0+280/12, mb2.7/3, Southeast of Honshu

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

IDC 03 09:47:12.6i 1.3, 14.82N; 146.97E, h0km, mb3.9/9, mbtmp3.9/10, ML4.3/1, MS3.4/2, Error ellipse: s-maj=34.6km s-min=17.6km az=101.0

ISC 03 09:47:17.3i 1.3, 14.8N; 0.1:147.0E; 0.2, h32km, n11, 0+574/11, mb3.9/9, Mariana Islands region

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

IDC 03 09:57:08.4i 3.7, 14.78N; 146.20E, h0km, mb3.8/7, mbtmp3.8/7, Error ellipse: s-maj=147.0km s-min=22.2km az=85.0

ISC 03 09:57:13.0i 3.7, 14.8N; 0.2:146E; 1.1, h35km, n7, 0+36/7, mb3.9/7, Mariana Islands

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

SJA 03 09:59:25.3i 0.6, 34.31S; 72.65W, h11km, 4km, ML4.4, MV4.3

IDC 03 09:59:29.6i 0.6, 34.11S; 71.94W, h0km, mb4.3/10, mbtmp4.2/14, ML3.8/4, MS3.8/17, Error ellipse: s-maj=27.2km s-min=15.4km az=93.0

NEIC 03 09:59:31.7i 1.4, 34.17S; 0.03:72.31W; 0.05, h12km, 2km, mb4.7/66, Mw1.3/49, ML3.9(UC), Error ellipse: s-maj=6.4km s-min=4.0km az=107.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw=0.99; Mw=0.27; Mw=2.82; Mw=0.39; Mw=0.26; Mw=2.19; Fault plane solution: Ms=7.10000x10^15 NP1: 0+176.80000, 863.47000, 182.63000. NP2: 0+13.00000, 827.46000, 104.41000. Principal axes: T 3.8613, P1g71.0000, Azm71.0000; N -0.3158, P1g7.0000, Azm180.0000; P -3.5455, P1g18.0000, Azm272.0000

NEIC 03 09:59:32.6i 3.4, 19S; 72.29W, h20km

CUIC 03 09:59:33.0i 6.8, 34.21S; 72.19W, h24km, 16km, ML3.9

VAO 03 09:59:36.2i 0.8, 34.22S; 72.09W, h46km, 7km, mb4.4

ISC 03 09:59:32.1i 0.9, 34.19S; 0.02:72.8W; 0.4, h18km, 4km, n209, 0+130/20, mb4.7/38, MS3.9/17, 3C-9D, Near coast of central Chile

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

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

Table with columns: PPT, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Paso Flores, Puerto Octay, Copia, etc.

Table with columns: PPT, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Papeete, Signal Mountain, Tailorsville, etc.

Table with columns: WRA, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Warramunga Arr, Alice Springs, Lajitas Array, etc.

NEIC 03 10:04:54.5-1.2, 40.63N, 19.02E, 123.23W, 0.03, h38km, 8km, Error ellipse: s-maj=3.2km s-min=2.1km az=124.0

NCEDC 03 10:04:55.7-1.9, 40.63N, 19.02E, 123.23W, 0.02, h29km, 7km, ML3.0/19, ML2.8/56(NEIC), Error ellipse: s-maj=2.9km s-min=2.2km az=52.0, Northern California

ASRS 03 10:02:41.5-0.6, 48°N, 144°E, h9km, MLh3/1/9, Error ellipse: s-maj=7.8km s-min=4.2km az=13.0, confirmed NNC 03 10:02:44.0-2.3, 47.91N, 80°E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=25.8km s-min=19.7km az=173.0

ISC 03 10:02:39.4-1.6, 47.78N, 0.00E, h0.64E, 0.04, h10km, n15, e177/27, 5C-10, Northern Xinjiang

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CUR Chagan-Uzun, DJZ Jazator, AKAR Aktash, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like L04D, PAM Palyto, KBO Bosley Butte, etc.

IDC 03 10:03:11.5-3.0, 16.26S, 175.18W, h0km, mb3.5/3, mbtpm3.5/3, Error ellipse: s-maj=32.4km s-min=35.6km az=159.0, Tonga Islands

Table with columns: PINE, Pine Mountain, 3.58 27, Pn, 10 05 50.5 +1.0, 10 07 14.6, IAML

NOU 03 10:27:02.8, 21:02S: 169.05E, h0km, MLV3.7/8, Southeast of Loyalty Islands
IDC 03 10:27:04.0, 3.0, 221.81S: 169.20E, h0km, mb3.4/2, mbmp3.4/3, ML3.1/1, Error ellipse: s-maj=80.7km s-min=48.6km az=167.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MARS, LIFNC, PINNC, YATNC, etc.

UCR 03 10:44:55.2, 1.3, 8.76N: 84.18W, h18km, 13km, MW3.6
CATAC 03 10:44:56.3, 0.5, 8.86N: 84.07W, h10km, ML3.3
UPA 03 10:44:56.6, 0.5, 8.92N: 84.00W, h0km, 10km, MW3.1

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAFA, HDC, HD3, etc.

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

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

Table with columns: CLDR, S, Sg, 10 46 46.0 -0.3, 10 46 47.0, AML. Includes stations like MAKU, GEVA, AKDM, etc.

NEIC 03 10:53:06.6, 2.0, 8.65N: 0.07, 126.42E: 0.07, h57km, 7km, mb4.5/7, Error ellipse: s-maj=11.1km s-min=7.5km

IDC 03 10:53:07.9, 1.4, 8.66N: 126.52E, h86km, 13km, mb4.0/22, mbmp4.4/24, MS2.9/10, Error ellipse: s-maj=19.1km s-min=8.4km az=86.0

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

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

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

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

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

Table with columns: MJAR, Matsuhiro Arr, 29.77 19, P, P, 10 59 05.7 -1.2, 10 59 05.7 -1.2, LR. Includes stations like MBWA, PSAO, JSD, etc.

MDJ 03 10:53:07.9, 1.4, 8.66N: 126.52E, h86km, 13km, mb4.0/22, mbmp4.4/24, MS2.9/10, Error ellipse: s-maj=19.1km s-min=8.4km az=86.0

IDC 03 10:53:05.3, 0.3, 8.61N: 104.126, 52E: 0.07, h53km, n437, r123/431, mb4.4/61, MS2.7/9, Mindanao

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FORT, H1S1, H1S2, etc.

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

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

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

C16K	baz=261 Lisburne Hills	74.03	21	P	P	11 04 35.4 +0.3
K15K	baz=253 Wolf Creek Mou	74.05	28	P	P	11 04 36.1 +0.8
M15K	baz=258 Kasigluk River	74.13	29	P	P	11 04 35.9 +0.1
H16K	baz=257 Elim	74.26	25	P	P	11 04 36.9 +0.4
O15K	baz=260 Ungalikthiuk R	74.29	31	P	P	11 04 37.3 +0.5
N15K	baz=260 Kwethluk River	74.32	30	P	P	11 04 37.5 +0.5
G16K	baz=264 Koyuk River	74.39	24	P	P	11 04 37.6 +0.4
CHGN	baz=256 Chignik	74.60	34	P	P	11 04 39.4 +0.7
J16K	baz=262 Anvik River	74.67	27	P	P	11 04 40.6 +1.6
D17K	baz=259 Noatak River	74.68	22	P	P	11 04 40.0 +1.1
I17K	baz=255 Unalakleet	74.76	26	P	P	11 04 40.0 +0.6
RDOG	baz=255 Red Dog Mine	74.84	22	P	P	11 04 40.7 +0.8
C17K	baz=259 DeLong Mountai	74.85	21	P	P	11 04 41.2 +1.2
L16K	baz=260 Owhat River	74.89	28	P	P	11 04 41.0 +0.7
E17K	baz=256 Hotham Inlet	75.00	23	P	P	11 04 42.0 +1.2
M16K	baz=261 Timber Creek	75.02	29	P	P	11 04 42.4 +1.4
N16K	baz=261 Nishlik Lake	75.03	30	P	P	11 04 42.4 +1.3
F17K	baz=257 Baldwin Pennin	75.08	23	P	P	11 04 42.7 +1.5
G17K	baz=258 Kiwalik Mounta	75.11	24	P	P	11 04 42.9 +1.5
P16K	baz=262 Nushagak River	75.20	31	P	P	11 04 43.6 +1.6
R16K	baz=262 Pilot Point	75.22	33	P	P	11 04 44.2 +2.0
O16K	baz=262 Kokwok River B	75.23	31	P	P	11 04 43.4 +1.2
H17K	baz=259 Granite Mounta	75.30	25	P	P	11 04 44.4 +1.8
J17K	baz=260 VABM Dome	75.37	27	P	P	11 04 44.6 +1.6
L17K	baz=261 Donlin	75.51	28	P	P	11 04 45.9 +2.0
E18K	baz=258 Tukpahleark C	75.54	22	P	P	11 04 45.8 +1.9
B18K	baz=256 Kokolik River	75.56	20	P	P	11 04 45.0 +1.0
C18K	baz=257 Utukok River	75.60	21	P	P	11 04 45.0 +0.7
K17K	baz=261 Iditarod	75.61	27	P	P	11 04 44.8 +0.5
F18K	baz=259 Selawik	75.74	23	P	P	11 04 46.2 +1.3
O17K	baz=263 Koliganek Bris	75.75	30	P	P	11 04 46.4 +1.1
M17K	baz=262 Holitna River	75.81	29	P	P	11 04 46.7 +1.1
N17K	baz=262 Nushagak Hills	75.81	30	P	P	11 04 46.5 +0.9
Q16K	baz=263 King Salmon	75.84	32	P	P	11 04 47.1 +1.4
H18K	baz=260 Honhosa River	75.99	25	P	P	11 04 47.9 +1.4
G18K	baz=260 Tagagawik	76.00	24	P	P	11 04 47.6 +1.1
A19K	baz=256 Wainwright	76.01	20	P	P	11 04 47.8 +1.3
P19K	baz=263 Kvichak River	76.01	31	P	P	11 04 48.3 +1.6
C17K	baz=263 Lookout Ridge	76.27	21	P	P	11 04 48.8 +0.7
L18K	baz=262 Granite Mounta	76.28	28	P	P	11 04 49.7 +1.6
J18K	baz=262 Innoko River	76.43	27	P	P	11 04 50.6 +1.6
N18K	baz=262 Kilae Creek	76.46	30	P	P	11 04 50.9 +1.6
F19K	baz=260 Shalerucik Mo	76.51	23	P	P	11 04 51.3 +1.9
M18K	baz=263 Stony River	76.59	29	P	P	11 04 51.2 +1.3
P18K	baz=264 Big Mountain,	76.65	31	P	P	11 04 51.7 +1.3
G19K	baz=261 Purcell Mounta	76.67	24	P	P	11 04 51.6 +1.2
D19K	baz=260 Kuna River	76.68	22	P	P	11 04 51.5 +1.1
O18K	baz=264 Koktuh Hills	76.71	31	P	P	11 04 51.8 +1.1
E19K	comp=Z,6.3nm,1.1s E19K Redstone River	76.83	23	P	I/Amb	11 04 52.5 +1.3 11 04 56.4
H19K	baz=261 Roundabout Mou	76.83	25	P	P	11 04 52.6 +1.4
SII	baz=266 Sitkinak Islan	76.96	34	P	P	11 04 53.6 +1.4
J19K	baz=263 Poorman	76.98	26	P	P	11 04 53.5 +1.3
L19K	baz=264 White Mountain	77.12	28	P	P	11 04 54.2 +1.2
N19K	baz=265 Bonanza Creek	77.16	30	P	P	11 04 54.5 +1.1
D20K	baz=261 Etiwuk River	77.26	21	P	P	11 04 55.4 +1.8
B20K	baz=260 Meade River	77.28	20	P	P	11 04 55.2 +1.5
M19K	baz=264 Big River Lodg	77.31	28	P	P	11 04 54.8 +0.8
E20K	baz=262 Nigu River	77.34	22	P	P	11 04 55.1 +0.9
F20K	baz=262 Avaraat Lake	77.34	23	P	P	11 04 55.8 +1.7
Q19K	baz=266 Cape Douglas,	77.42	32	P	P	11 04 56.4 +1.7
H20K	baz=263 Anoteneega Mo	77.48	25	P	P	11 04 56.7 +1.8
OHAK	baz=266 Old Harbo	77.50	33	P	P	11 04 56.1 +1.0
I20K	baz=264 Naaghedeneel	77.57	25	P	P	11 04 56.5 +1.1
K20K	baz=264 Telida	77.60	27	P	P	11 04 56.9 +1.2
L20K	baz=265 Farewell, AK	77.60	28	P	P	11 04 57.4 +1.7
J20K	baz=264 Novinta River	77.65	26	P	P	11 04 57.4 +1.5
P19K	baz=266 Oil Pt	77.69	31	P	P	11 04 57.7 +1.5
M20K	baz=266 Styx River	77.90	29	P	P	11 04 59.0 +1.6
KDAK	baz=267 Kodiak Island	77.91	33	P	P	11 04 59.1 +1.7
C21K	baz=263 Knifeblade Rid	77.98	21	P	P	11 04 59.2 +1.6
O20K	baz=266 Slope Mountan	78.02	30	P	P	11 04 59.7 +1.6
Q20K	baz=267 Shuyak Island	78.06	32	P	P	11 04 59.5 +1.3
B21K	baz=263 Ikpkpuk River	78.10	21	P	P	11 04 59.6 +1.4
G21K	baz=264 Allakaket	78.15	24	P	P	11 05 00.2 +1.5
A22K	baz=262 Sincclair Lake	78.16	19	P	P	11 04 59.8 +1.3
E21K	baz=264 Killik River	78.18	22	P	P	11 04 59.9 +1.1
F21K	baz=264 Alatina River	78.23	23	P	P	11 05 00.6 +1.5
H21K	baz=265 Melozitna River	78.36	25	P	P	11 05 01.3 +1.5
PPLA	baz=266 Purkeypile	78.41	28	P	P	11 05 01.5 +1.2
CHUM	baz=266 Lake Minchumin	78.43	27	P	P	11 05 01.3 +1.2
HOM	baz=267 Homer	78.50	31	P	P	11 05 01.9 +1.3
CAST	baz=266 Castle Rocks	78.50	27	P	P	11 05 01.8 +1.2
B22K	baz=264 Teshekpuk Lake	78.59	20	P	P	11 05 02.4 +1.5
I21K	baz=266 Tanana	78.66	25	P	P	11 05 03.2 +1.7
SKT	baz=267 Skvintna	78.67	28	P	P	11 05 02.1 +0.6
D22K	baz=265 Ayikyak River	78.70	21	P	P	11 05 03.4 +1.8
F22K	baz=268 John River	78.76	23	P	P	11 05 03.5 +1.5
E22K	baz=266 Anaktuvuk Pass	78.85	22	P	P	11 05 04.2 +1.1
H22K	baz=266 Ishlaltina Cre	78.96	24	P	P	11 05 04.6 +1.5
G22K	baz=266 Bettles	78.98	23	P	P	11 05 04.3 +1.2
SUA	baz=268 Susitna One	79.01	29	P	P	11 05 04.2 +0.6
BPAW	comp=Z,5.3nm,0.9s BPAW Bear Paw Mtn.	79.02	26	P	I/Amb	11 05 04.7 +1.2 11 05 05.4
BPAW	baz=267,SNR=5.6 Bear Paw Mtn.	79.02	26	P	P	11 05 04.2 +0.7
MLY	comp=Z,3.6nm,0.8s MLY Manley	79.18	25	P	I/Amb	11 05 05.9 +1.6 11 05 06.3
MLY	comp=Z,3.0nm,0.5s MLY Manley	79.18	25	P	P	11 05 05.7 +1.4
CUT	baz=267,SNR=6.0 Chulitna	79.28	28	P	P	11 05 05.9 +1.0
TRF	baz=268 Thorofare Moun	79.30	27	P	I/Amb	11 05 06.1 +0.9 11 05 07.9
TRF	comp=Z,10nm,1.5s TRF Thorofare Moun	79.30	27	P	P	11 05 06.3 +1.1
M22K	baz=268 Willow	79.32	29	P	P	11 05 05.1 0.0
D23K	baz=266 Nanushuk River	79.43	21	P	P	11 05 06.6 +1.0
RC01	baz=268 Rabbit Creek A	79.49	29	P	P	11 05 06.7 +0.6
C23K	baz=266 Iklikik River	79.51	20	P	P	11 05 07.2 +1.3
C23K	baz=266 Iklikik River	79.51	20	P	P	11 05 06.9 +1.0
COLD	baz=267 Coldfoot	79.51	23	P	P	11 05 06.9 +0.9
G23K	baz=268 Bananza Creek	79.55	24	P	P	11 05 07.7 +1.3
SEW	baz=269 Seward	79.61	30	P	P	11 05 07.5 +0.8
H23K	baz=268 Yukon River	79.71	25	P	P	11 05 08.0 +0.7
I23K	baz=268,SNR=5.3 Minto, Yukon-K	79.77	25	P	P	11 05 08.6 +1.1
PMR	baz=269 Palmer	79.79	29	P	P	11 05 08.3 +0.6
TOLK	baz=268 Toolik Lake Re	79.81	22	P	P	11 05 08.7 +1.0
NEA2	baz=269 Nenana	79.88	26	P	P	11 05 08.7 +0.6
MCK	baz=269,SNR=5.8 McKinley	79.92	27	P	P	11 05 08.6 +0.2
WAT1	baz=270 Susitna Watana	80.08	28	P	P	11 05 09.6 +0.3
D24K	baz=268 Happy Valley	80.10	21	P	P	11 05 10.3 +1.0
KNK	baz=268 Knik Glacier	80.11	29	P	P	11 05 10.5 +1.0
C24K	baz=271 Franklin Bluff	80.17	21	P	P	11 05 10.9 +1.4
SML	baz=270 Sawmill	80.17	29	P	P	11 05 10.7 +0.9
E24K	baz=269 Your Creek	80.19	22	P	P	11 05 10.9 +1.0
H24K	baz=269 Noodor Dome	80.40	25	P	P	11 05 11.9 +0.9
H24K	baz=269 Noodor Dome	80.40	25	P	P	11 05 12.6 +1.6
COLA	baz=270 Cola	80.40	26	P	P	11 05 11.6 +0.8
F24K	comp=Z,3.6nm,0.9s F24K Squaw Lake	80.41	23	P	I/Amb	11 05 12.8 +1.8 11 05 13.5
F24K	baz=269 Squaw Lake	80.41	23	P	P	11 05 11.9 +0.9
WAT6	baz=270 Susitna Watana	80.45	28	P	P	11 05 11.7 +0.3
M23K	baz=270 Glacier View	80.46	29	P	P	11 05 11.8 +0.4
G24K	baz=270 Hadweenzic Riv	80.57	24	P	P	11 05 12.6 +0.9
POKR	baz=271 Poker Flat Res	80.58	25	P	P	11 05 12.5 +0.6
DHY	baz=271 Denali Highway	80.62	27	P	P	11 05 13.3 +1.0
P23K	baz=271 Montague Islan	80.64	31	P	P	11 05 12.9 +0.6
SCM	baz=271 Sheep Creek Mo	80.65	29	P	P	11 05 12.9 +0.4
GLI	baz=271 Glacier Island	80.78	30	P	P	11 05 13.8 +0.8
HDA	comp=Z,3.2nm,0.7s HDA Harding Lake	80.79	26	P	I/Amb	11 05 12.5 -0.5 11 05 14.8
HDA	baz=271,SNR=5.7 Harding Lake	80.79	26	P	P	11 05 14.2 +1.2
IL31	baz=282 IL31	80.82	26	P	P	11 05 12.8 -0.2
ILAR	baz=282 Eielson Array	80.82	26	P	P	11 05 12.6 -0.5
ILAR	comp=Z,1.5nm,0.7s, baz=245,slow=4.6,SNR=22 ILAR Porcu	80.82	26	P	P	11 05 12.2 -1.0
D25K	comp=Z,4.2nm,1.0s D25K Kavik River	80.98	21	P	I/Amb	11 05 14.8 +0.8 11 05 15.8
D25K	baz=272 Kavik River	80.98	21	P	P	11 05 14.8 +0.8
G25K	baz=271 Bearman Lake	81.11	24	P	P	11 05 16.1 +1.5
Q23K	baz=271 Middleton Isla	81.19	31	P	P	11 05 16.0 +0.9
M24K	baz=272 Tolsona, Glenn	81.19	28	P	P	11 05 16.4 +1.2
H25L	baz=271 Birch Creek	81.23	24	P	P	11 05 16.3 +1.0
F25K	baz=271 Christian River	81.27	23	P	P	11 05 16.7 +1.1
E25K	baz=271 Arctic Village	81.29	22	P	P	11 05 17.3 +1.6

3d 11h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Paulatuk, Craig, Jennings River, Wrangell Island, Telegraph Cree, Hyland Airport, Ketchikan, Dease Lake, Watson Lake, Y, Bob Quinn, Hagfors, NORSAR Subarra, NORSAR Array B, Yellowknife Ar, Newport, Eagleton, Edwards Air Fo, Catalina Island, San Clemente I, Troy Canyon, Mount Baldy Ra, Red Lodge, Camp Elliot, M, Dugway, Toeole, Pinyon Flats, Pinon Flats, Granite Moun, Belle Mtn. Jos, Monument Peak, In-Ko-Pah, Jac, LASA Array, Big Chuckawall, Boulder Array, Sam W. Stewart, Iron Mountain, Needles Airpor, Glamis, Casper, Black Hills, Organ Pipe Nat, Red Feather La, Idaho Springs, Tucson, Divide, Great Sand Dun, Ogallala, EYMN Ely, Cornudas Mount, Muleshoe, Amarillo, Kansas State U, State Center, Jewell Farm, Wichita Moun, Abilene, Hawle, Torodi Ar. Bea, Lake Ozonia, Erie, Wyandotte Cave, WI Miller and, Peaks-Kenny Pk, LBNH, Standing Stone, W Mont Chateau, Northampton, Adam Dzewonski, Tazewell, Palisades, Lalview Retre, Blacksburg, Godfrey, Tifton, Disney Wildern, Paso Flores.

IDC 03 10:53:04.5±0.9, 13°21'S, 166°74'E, h0km, mb4.1/12, mbmp4.1/13, ML3.4/1, MS3.6/12, Error ellipse: s-maj=28.4km s-min=18.3km az=100.0
ISC 03 10:53:09.9±0.8, 13°22'S, 098°166.7'E, 0.2, h35km, n23, 0.77/17, mb4.2/12, MS3.5/10, Vanuatu Islands

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Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Stephens Creek, South Pole, Warramunga Arr, Alice Springs, Rarotonga, Guam, Matushiro Arr, Korea Array, Magadan, Chiang Mai Arr, Pole Qui, Kodiak Island, Yakutsk, Songo Array, Pinyon Flats, Mina Array, Sonsea Array, Makanchi Array, Zalesovo Beam, Torodi Ar. Bea.

NEIC 03 10:57:20.5±0.9, 31°16'N, 0°04'-103°25'W, 0°02, h4km±5km, mb_Lg2.8/65, ML3.1/68, Error ellipse: s-maj=6.7km s-min=2.4km az=168.0, Western Texas

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Monahans, Pecos, Alpine, Odesa, Van Horn, Sanderson, Ozona, Lajitas Ar. Si, Lajitas Array, Sterling City, Post, Snyder 5, Snyder 07, Muleshoe, El Paso, Del Rio, Junction City, Dickens, Abilene, Hawle, Aspermont, Brady, Hondo, Amarillo, Cooke Peak, Del Rio, Chaparral WMA, Palo Pinto, Albuquerque, Samnorwood, Perrin-Whitt E, Witchita Falls, Jarrell, Weatherford, Lake Whitney, Clearburn, Wichita Moun, Perchaven, San Smith Ranch, Winter Ranch, West end E0370, Liberty Lake.

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Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Leonard, Kaye Sheddock, Mount Ida, Hobbs, Kansas State U.

ROM 03 11:02:59.4±0.2, 37°76'N, 0°00'6.15°06'E, 0°01, h8km±1km, ML1.8/12, Error ellipse: s-maj=1.0km s-min=0.7km az=108.0, Sicily

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Monte Spagnolo, Serra La Nave, Pizzo Felice, S. M. di Licod, Antillo, Pozzillo, Novara, Ucria, Monte Soro, Port Mandanici.

ROM 03 11:03:36.8±0.1, 37°76'N, 0°00'6.15°06'E, 0°01, h9km, ML2.2/24, 2C, Error ellipse: s-maj=0.8km s-min=0.7km az=260.0, Sicily

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Serra La Nave, Monte Spagnolo, Pizzo Felice, S. M. di Licod, Pozzillo, Antillo, Novara, Ucria, Gagliano Castagna, Lentinis, Port Mandanici, Sorтино.

3d 12h

ULN	Ulaanbaatar	46.99	325	P	P	12 51 47.0	+0.8
SOMN	Songino Array	47.34	325	P	P	12 51 49.1	+0.2
SOMN	comp-Z, 1.6nm, 0.6s, baz=134, slow=9.1, SNR=8.9					12 53 19.6	+0.4
SEY	Seymchan	49.88	4	P	P	12 52 07.1	-0.8
SEY	comp-Z, 2.2nm, 0.7s, baz=151, slow=3.4, SNR=8.9					13 16 51.2	
YAK	Yakutsk	50.03	350	LR	LR	13 13 19.7	
NIKH	Nikolski High	53.67	93	P	P	12 52 37.8	+1.4
SPIA	Saint Paul Isl	55.24	28	P	P	12 52 48.5	+0.8
P08K	Saint George I	55.24	28	P	P	12 52 49.4	+1.8
UNV	Unalaska Valle	55.33	32	P	P	12 52 50.2	+1.8
BILL	Billibno	56.42	9	P	P	12 52 55.1	-0.9
S12K	Black Hills	58.47	32	P	P	12 53 10.9	+0.1
GAMB	Gambell	58.61	21	P	P	12 53 12.5	+1.1
M11K	Mekoryuk	58.75	26	P	P	12 53 13.7	+1.3
SDPT	Sand Point	59.14	33	P	P	12 53 14.7	-0.6
SDPT	Sand Point	59.14	33	P	P	12 53 16.8	+1.5
CHNA	Chernabura Isl	59.41	33	P	P	12 53 18.5	+1.3
S14K	Fog Glacier	59.99	32	P	P	12 53 22.4	+1.1
K13K	Kusilvak Mount	60.20	25	P	P	12 53 23.6	+1.2
O14K	Tiguykuivmet M	60.39	28	P	P	12 53 25.1	+1.3
N14K	Kuskokwak Cree	60.50	27	P	P	12 53 25.8	+1.3
CHGN	Chignik	60.58	32	P	P	12 53 26.4	+1.3
L14K	Kuka Creek	60.72	26	P	P	12 53 27.4	+1.4
M14K	Bethel	60.76	27	P	P	12 53 27.7	+1.4
TNA	Tin City	60.99	20	P	P	12 53 29.2	+1.5
O15K	Ungalikthiuk R	61.02	29	P	P	12 53 29.3	+1.2
J14K	Nanvaranak Lak	61.06	24	P	P	12 53 30.0	+1.7
M15K	Kasigliuk River	61.29	27	P	P	12 53 31.0	+1.2
ANM	Nome	61.32	22	P	P	12 53 30.9	+0.9
N15K	Kwethluk River	61.32	28	P	P	12 53 31.5	+1.4
L15K	Ungalik Mounta	61.39	26	P	P	12 53 31.6	+1.0
F14K	Arctic Creek	61.48	21	P	P	12 53 32.1	+1.0
K15K	Wolf Creek Mou	61.66	25	P	P	12 53 33.8	+1.5
O16K	Kokwok River B	62.01	29	P	Iamb	12 53 35.9	+1.2
O16K	Kokwok River B	62.01	29	P	P	12 53 35.9	+1.1
G15K	Niukluk	62.03	22	P	P	12 53 35.9	+1.1
N16K	Nishlik Lake	62.05	28	P	P	12 53 36.4	+1.3
MK31	Makanchi Array	62.13	316	P	P	12 53 35.1	-0.7
MKAR	Makanchi Array	62.13	316	P	P	12 53 35.5	-0.4
MKAR	comp-Z, 1.9nm, 0.6s, baz=89, slow=8.8, SNR=24.4					12 54 15.7	-0.1
M16K	Timber Creek	62.17	27	P	P	12 53 37.0	+1.0
F15K	North Star Dit	62.20	21	P	Iamb	12 53 36.3	+0.3
F15K	North Star Dit	62.20	21	P	P	12 53 37.2	
ZALV	Zalesovo Beam	62.23	324	P	P	12 53 36.2	-0.2
ZALV	comp-Z, 0.7nm, 0.3s, baz=85, slow=5.1, SNR=5.6					12 54 15.4	-0.6
ZALV	comp-Z, 2.1nm, 0.5s, baz=120, slow=4.5, SNR=11.1					13 22 22.2	
L16K	Owhat River	62.26	26	P	P	12 53 37.2	+0.8
MA2K	Makanchi	62.34	316	P	P	12 53 36.7	-0.6
MA2K	Makanchi	62.34	316	P	P	12 53 36.8	-0.6
MA2K	Makanchi	62.34	316	P	P	12 53 49.3	-0.2
J16K	Anvik River	62.50	24	P	P	12 53 39.1	+1.1
H16K	Elim	62.51	23	P	P	12 53 38.4	+0.4
O17K	Koliganek Bris	62.54	29	P	P	12 53 39.5	+1.1
P17K	Kvichak River	62.64	29	P	P	12 53 40.2	+1.3
I17K	Unalakleet	62.74	24	P	P	12 53 40.1	+0.5
N17K	Nushagak Hills	62.79	28	P	P	12 53 41.3	+1.3
G16K	Koyuk River	62.85	22	P	P	12 53 40.6	+0.4
SII	Sitkinak Islan	62.88	33	P	P	12 53 41.7	+1.0
L17K	Donlin	62.95	26	P	P	12 53 42.5	+1.5
M17K	Holitna River	63.02	27	P	P	12 53 42.4	+0.9
M17K	Holitna River	63.02	27	P	P	12 53 43.0	+1.5
R18K	Karluk	63.06	32	P	P	12 53 43.9	+2.1
J17K	VABM Dome	63.16	25	P	P	12 53 43.7	+1.3
K17K	Iditarod	63.19	25	P	P	12 53 44.1	+1.5
K17K	Iditarod	63.19	25	P	P	12 53 43.9	+1.3
P18K	Big Mountain,	63.29	30	P	P	12 53 44.9	+1.5
C16K	Lisburne Hills	63.39	18	P	P	12 53 44.7	+0.9
N18K	Kilae Creek	63.44	28	P	P	12 53 45.4	+1.0
O18K	Koktuh Hills	63.46	29	P	P	12 53 45.1	+0.6
G17K	Kiwalik Mounta	63.52	22	P	P	12 53 45.5	+0.8
H17K	Granik Mounta	63.53	23	P	P	12 53 46.1	+1.2
OHAK	Old Harbor	63.55	32	P	P	12 53 46.1	+1.0
L18K	Granite Mounta	63.67	26	P	P	12 53 47.4	+1.6
F17K	Baldwin Pennin	63.76	21	P	P	12 53 47.8	+1.5
M18K	Stony River	63.77	27	P	P	12 53 47.4	+1.0
D17K	Noatak River	63.79	19	P	P	12 53 47.2	+0.8
E17K	Hotham Inlet	63.89	20	P	P	12 53 47.9	+0.8
Q19K	Cape Douglas,	63.90	30	P	P	12 53 48.0	+0.6
O19K	Port Alsworth	63.99	29	P	P	12 53 48.8	+0.9
RDOC	Red Dog Mine	64.03	19	P	P	12 53 48.7	+0.6
KDAK	Kodiak Island	64.08	32	P	P	12 53 50.1	+1.6
KDAK	Kodiak Island	64.08	32	LR	LR	13 21 45.4	
N19K	Bonanza Creek	64.13	28	P	Iamb	12 53 50.6	+1.6
N19K	Bonanza Creek	64.13	28	P	Iamb	12 53 51.1	
N19K	comp-Z, 1.9nm, 1.4s, baz=250					12 53 50.4	+1.4
J18K	Innoko River	64.16	25	P	P	12 53 49.5	+0.5
C17K	DeLong Mountai	64.17	19	P	P	12 53 49.4	+0.4

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H18K	Honhosa River	64.21	23	P	P	12 53 49.9	+0.5
P19K	Oil Pt	64.33	30	P	P	12 53 50.8	+0.6
Q20K	Shuyak Island	64.42	31	P	P	12 53 51.6	+0.9
G18K	Tagagawik	64.44	22	P	P	12 53 51.6	+0.8
L19K	White Mountain	64.45	27	P	Iamb	12 53 51.5	+0.6
L19K	White Mountain	64.45	27	P	P	12 53 52.3	+1.4
E18K	Tukpahleark C	64.47	20	P	P	12 53 51.7	+0.7
M19K	Big River Lodg	64.56	27	P	P	12 53 52.4	+0.8
O20K	Slope Mountain	64.76	29	P	P	12 53 53.6	+0.5
J19K	Poorman	64.81	25	P	P	12 53 53.9	+0.7
C18K	Utukok River	64.89	19	P	P	12 53 54.0	+0.3
L20K	Farewell, AK	64.98	27	P	P	12 53 55.0	+0.6
H19K	Roundabout Mou	65.10	23	P	Iamb	12 53 56.5	+1.4
H19K	Roundabout Mou	65.10	23	P	Iamb	12 53 57.2	
H19K	Roundabout Mou	65.10	23	P	P	12 53 56.1	+1.0
M20K	Styx River	65.11	27	P	P	12 53 56.9	+1.6
M20K	Styx River	65.11	27	P	P	12 53 57.5	
M20K	Styx River	65.11	27	P	P	12 53 56.7	+1.3
G19K	Purcell Mounta	65.12	22	P	Iamb	12 53 56.1	+0.8
G19K	Purcell Mounta	65.12	22	P	Iamb	12 53 57.0	
G19K	Purcell Mounta	65.12	22	P	P	12 53 55.6	+0.4
F19K	Shalerukik Mo	65.21	21	P	P	12 53 56.4	+0.9
KURK	Kurchatov	65.21	320	P	Iamb	12 53 55.8	-0.2
KURK	Kurchatov	65.21	320	P	Iamb	12 53 56.4	
KURK	Kurchatov	65.21	320	P	P	12 53 55.6	-0.5
KURK	Kurchatov	65.21	320	P	P	12 53 56.5	-0.5
K20K	Telida	65.22	26	P	P	12 53 57.0	+1.1
K20K	Telida	65.22	26	P	P	12 53 56.7	+0.8
KURBB	Kurchatov	65.25	320	P	P	12 53 55.9	-0.5
N20K	Mount Spurr	65.31	28	P	P	12 53 57.4	+0.8
J20K	Nowinta River	65.48	25	P	P	12 53 58.7	+1.2
BRSE	Bradley Lake S	65.56	30	P	P	12 53 59.1	+0.9
I20K	Naahedeneel	65.58	24	P	P	12 53 59.7	+1.6
C19K	Lookout Ridge	65.62	19	P	P	12 53 59.0	+0.5
E19K	Redstone River	65.64	21	P	P	12 53 59.5	+0.9
H20K	Anotleneega Mo	65.69	23	P	P	12 53 59.7	+0.8
A19K	Wainwright	65.72	17	P	P	12 53 59.8	+0.8
D19K	Kuna River	65.81	20	P	P	12 54 00.3	+0.6
SKT	Skwentna	65.86	27	P	P	12 54 00.7	+0.6
PPLA	Purkeypille	65.86	26	P	P	12 54 00.8	+0.6
F20K	Avaraart Lake	66.00	22	P	P	12 54 01.2	+0.4
F20K	Avaraart Lake	66.00	22	P	P	12 54 01.9	+1.1
CAST	Castle Rocks	66.08	26	P	P	12 54 02.1	+0.6
CAST	Castle Rocks	66.08	26	P	P	12 54 02.0	+0.6
CHUM	Lake Minchumin	66.13	25	P	P	12 54 02.4	+0.6
O22K	Cooper Landing	66.26	29	P	P	12 54 02.9	+0.3
SEW	Seward	66.29	30	P	P	12 54 03.0	+0.2
E20K	Nigu River	66.34	20	P	P	12 54 03.7	+0.6
D20K	Etiivuk River	66.40	20	P	P	12 54 03.8	+0.4
RC01	Rabbit Creek A	66.42	29	P	P	12 54 03.8	+0.1
M22K	Willow	66.43	28	P	P	12 54 03.6	0.0
CUT	Chulitna	66.55	27	P	P	12 54 04.8	+0.3
H21K	Melozitna Rive	66.55	23	P	Iamb	12 54 05.5	+1.0
H21K	Melozitna Rive	66.55	23	P	Iamb	12 54 06.1	
H21K	Melozitna Rive	66.55	23	P	P	12 54 05.1	+0.7
G21K	Allakak	66.60	22	P	P	12 54 05.7	+1.0
I21K	Tanana	66.71	24	P	P	12 54 06.1	+0.7
BPWA	Bear Paw Mtn.	66.76	25	P	P	12 54 06.2	+0.4
B20K	Meade River	66.80	18	P	P	12 54 06.8	+0.9
PMR	Palmer	66.84	28	P	P	12 54 06.4	+0.1
TRF	Thorofare Moun	66.85	26	P	P	12 54 06.3	-0.3
F21K	Alatna River	66.87	22	P	P	12 54 06.6	+0.2
KNK	Knik Glacier	67.10	29	P	P	12 54 08.7	+0.6
KNK							

Table with columns: F2M8, L29M, L29M, L29M, HYT, E28M, E28M, I29M, H29M, P30M, N30M, K29M, G29M, S31K, D28M, PLBC, M30M, E29M, O30N, J30M, J30M, EPYK, EPYK, EPYK, N31M, I30M, SIT, MAYO, SKAG, G30M, WHY, S32K, F30M, R32M, M31M, H31M, H31M, P32M, P32M, G31M, G31M, FARO, F31M, U33K, N32M, INK, P33M, WRAP, V35K, S34M, S34M, R33M, R33M, T35M, T35M, DLBC, DLBC, WTLY, WTLY, TGTN, ABKAR, ABKAR, A36M, C36M, TOAD, WRGLY, GEYT, GNW, GNW, H04A, H04A, YBH, YBH, YBH, YKA, YKA, J05D, J05D, PINE, PINE, BOBA, BOBA, SPITS, SPITS, SPITS

Table with columns: RES, NEW, NEW, BMO, EDM, LHV, PLID, NVAR, YES, SNCC, KEV, MFID, CWC, ARC, ARC, ARC, GRAC, EDW, SC12, CIS, FMP, LRMC, HLD, FURC, ELK, ELK, GSC, R11B, SHOC, HEC, TUQ, PFO, PFO, TPZO, MONP, BELC, GMRC, EGMT, IKP, BC3, IRM, DUG, H17A, GLA, PDMCI, RLMT, FINES, FINES, BW06, PDAR, PDAR, LAO, 214A, WUAZ, K22A, W18A, N23A, RSSD, AKASO, HFS, NB2, NOA, NOA, BRTR, ECSD, PLCA, DBIC, KIC, TIC, LIC, LPAZ, NEIC 03 12:56:19.1 to 19:396N, HVO 03 12:56:18.5 to 19:412N, Code Station Name, BYL, HATHI, KKO, OBL

Table with columns: SBLH, UWB, RIM, UWB, RSE, PUH, PUH, NPOC, KNHH, HLP, HLP, MLH, MLH, STCH, STCH, STCH, NPOC, JCJU, HHC, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MLOA, PAH, MWH, KHU, KHU, ALEP, HPO, POHA, POHA, HUH, HUH, HPAH, HPAH, HPAH, BYL, BYL, KKO, HATHI, HATHI, RIM, OBL, SBLH, UWB, UWB, RSD, RSD, RSD, PNH, PUH, PUH, KNHH, HLP, HLP, HLP, STCH, STCH, MLH, MLH, NPOC, JCJU, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MLOA, MWH, KHU, KHU, HUH, HUH, HUH, CATAC 03 13:11:22.2 to 11:161N, SNET 03 13:11:23.2 to 11:167N, Code Station Name, COPN, COPN, BC86, BC86, BC86, SAPS, SAPS, LEVN, LEVN, LEVN, MACN, MACN, MACN, BC84, BC84, BC84, USIM, UNAN, USIM, USIM

Table with columns for station ID, name, coordinates, and data points. Includes stations like BGLC Bering Glacier, V35K Ketchikan, U33K Whale Pass, etc.

Table with columns for station ID, name, coordinates, and data points. Includes stations like BCAR Beaver Creek A, WHY Whitehorse, WHY Whitehorse, etc.

Table with columns for station ID, name, coordinates, and data points. Includes stations like J30M Hart River, H27K Steamboat Moun, G26K Porcupine River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Berou, BRG baz=15,slow=2.3, NEUB Neuenburg, GTTG Gottingen, MAUC Maruska, BUG baz=15,slow=2.3, VYHS Vyhne, PRUC Pruhonice, KASTN Kahler Asten, MOX Moxa, PSZ Piskesteto, JAVC Velka Javorina, PLN Plauen, TANN Tannenbergha, KRUC Moravsky, MANZ Manzenberg, ZVC Zvikov, MODS Modra-Piesok, MEM Membach, BTNL Ternell, BSTI Sart Tilman, TNS Taunus Mts, KHC Kasperke Hory, GRF Grafenberg Arr, CKRC Cesky Krumlov, BCLA Clavier, BGES Geves, GEC2 GERESS Array S, BMRD Maredsous, RCHB Rochefort, CONA Conrad Observa, MOA Molin, STU Stuttgart, BIO Bad Ischl, FUR Furstentfeldbru, RJOB Jochberg, LESA Schwarzleotal, SOKA Soboth, BFO Black Forest, UBR Ueberbrunn, WATA Walderalm, RETA Reutte, WTTA Wattenberg, MOTA Moosalm, MYKA Terra Mystica, SOTA Sankt Quirin, VNSD Vrh nad Dolinami, ABTA Abfaltersbach, CRNS Crni Vrh, FETA Feichten, FUORN Offenpass-Fuorn, ESCD Sonseca Array.

NEIC 03 14:45:09.6±0.8, 19°34N, 0°01:155:114W, 0.008, h5km, 1km, Error ellipse: s-maj=2.6km s-min=2.0km az=340.0
HVO 03 14:45:09.2±0.8, 19°33N, 0°01:155:110W, 0.008, h5km, 2km, ML2.7/38, ML2.9/42(NEIC), Error ellipse: s-maj=2.2km s-min=1.9km az=162.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NPOC North of Pu'u, KNHM Kane Nui o Ham, PUH Pauahi, JOKA Jonika Flow, KKO Keanakakoi, BYL Byron's Ledge, RIM Rim, HATHI Halema'uma'u T, HUH Hualalai, MLOA Mauna Loa, MWH Mokuaweowe, ALEP Alea Permanent, POHA Pohakuloa, HUH Hualalai, CPH Captain Cook, HPAH Hawaii Prepara, NEIC 03 14:55:24.6±0.9, 19°39N, 0°01:155:281W, 0.008, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.4km az=10.0, HVO 03 14:55:24.3±0.6, 19°42N, 0°01:155:269W, 0.008, h1km, 3km, ML2.7/15, ML1.8/27(NEIC), Error ellipse: s-maj=1.8km s-min=1.0km az=177.0, Hawaiian Islands, JCUZ Jacuzzi, STCH Steam Cracks, MKAR Makanchi Array, I46RU Zalesovo INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array, NEIC 03 15:03:35.3±0.9, 19°34N, 0°02:155:12W, 0.01, h5km, 1km, Error ellipse: s-maj=4.1km s-min=2.6km az=333.0, HVO 03 15:03:34.9±0.2, 19°33N, 0°02:155:10W, 0.01, h7km, 2km, ML2.8/32, ML3.1/42(NEIC), Error ellipse: s-maj=2.5km s-min=0.9km az=148.0, Hawaiian Islands, JCUZ Jacuzzi, STCH Steam Cracks, NPOC North of Pu'u, KNHM Kane Nui o Ham, PUH Pauahi, JOKA Jonika Flow, BYL Byron's Ledge, HATHI Halema'uma'u T, HUH Hualalai, HLP Hilina Pali, MKOV Mochiques, MCOV Mochiques, CRJUC Cerrejon, SOCV Socops, CAPV Capacho, CACR CACARA DEL OR, SMRC Santa Marta, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SJCC San Jacinto, SJCC San Jacinto.

NEIC 03 15:03:35.3±0.9, 19°34N, 0°02:155:12W, 0.01, h5km, 1km, Error ellipse: s-maj=4.1km s-min=2.6km az=333.0, HVO 03 15:03:34.9±0.2, 19°33N, 0°02:155:10W, 0.01, h7km, 2km, ML2.8/32, ML3.1/42(NEIC), Error ellipse: s-maj=2.5km s-min=0.9km az=148.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLP, UWE Uwekahuna, RSD Rainedsh, PHO Puu Honuaula, HMC Hot Caves, MLH Mauna Loa, MLH Mauna Loa, HMM Humu'ula Sheep, HMM Humu'ula Sheep, HMM Humu'ula Sheep, HMM Humu'ula Sheep, KHU Kahuku, KHU Kahuku, MLOA Mauna Loa Obse, MLOA Mauna Loa, MWH Mokuaweowe, MWH Mokuaweowe, ALEP Alea Permanent, POHA Pohakuloa, POHA Pohakuloa, HUH Hualalai, CPH Captain Cook, HPAH Hawaii Prepara.

IDC 03 15:11:58.5±1.5, 6.48N, 143°64E, h0km, mb3.7/2, mbtmp3.8/4, ML1.5/1, Error ellipse: s-maj=45.9km s-min=25.4km az=64.0, New Guinea

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

IDC 03 15:49:57.6±1.5, 4.48N, 126°75E, h0km, mb3.6/5, mbtmp3.6/5, MS2.9/3, Error ellipse: s-maj=142.2km s-min=20.6km az=66.0, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), TGY Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arra, NOA NORSTAR Array B.

NEIC 03 16:22:23.9±1.9, 11°48N, 0°05:69°39W, 0.08, h17km, 5km, mb4.4/13, Error ellipse: s-maj=10.9km s-min=7.1km

FUNV 03 16:22:24.6±1.1, 11°49N, 69°39W, h19km, MW3.5, IDC 03 16:22:28.7±6.5, 7°17N, 68°36W, h43km, 58km, mb3.5/1, mbtmp3.9/3, ML3.1/2, Error ellipse: s-maj=73.6km s-min=13.0km az=178.0

ISNC 03 16:22:40.4±0.0, 11°1'N, 18°7'0W, 1.8, h98km, 52km, M2.9, mb3.8, ML2.9

ISC 03 16:22:21.8±2.8, 11°46N, 0°03:69°36W, 0.03, h8km, 18km, n47, c1949/63, mb4.4/7, 2C-6D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JACV Jacara, HATO Hato, SIOV Siquisique, AUA Aruba, TEPV Terepaima, CURV Curarigua, TURV Turiamo, MAPV Macapao, BENV Bein, BENV Bein, URIB Uribia, TACV Tcata, FUNV Funvisis, FUNV Funvisis, BAUV El Baul, BAUV El Baul, SDV Santo Domingo.

MCQV Mochiques, MCOV Mochiques, CRJUC Cerrejon, SOCV Socops, CAPV Capacho, CACR CACARA DEL OR, SMRC Santa Marta, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SJCC San Jacinto, SJCC San Jacinto.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RUSC La Rusia, CRPR Cabo Rojo, PTPC PUERTO BERRIO, etc.

IDC 03 16:27:10.2-1.7, 6.01S<130.57E, h0km, mb3.7/2, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=44.5km

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

KRSC 03 16:36:32.6-1.4, 54.85N<160.86E, h149km, 15km, ML3.9 IDC 03 16:36:34.2-1.5, 55.00N<160.45E, h156km, 13km, mb3.2/13, mbtmp3.7/16, MS3.2/1, Error ellipse: s-maj=19.7km s-min=13.7km az=103.0

ISC 03 16:36:33.0-7.5, 54.89N<160.76E<0.05, h154km, 5km, n59, <0.97173, mb3.5/13, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TUMD Tumrok D, MKZ Mys Kozlova, KMNRR Kamenistaya, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURBB, MKAR Makaua Array, BVAR Borovoye Array, etc.

NEIC 03 16:41:05.1-0.7, 19.407N<0.007<155.282W<0.009, h1km, 3km, Error ellipse: s-maj=1.3km s-min=1.0km az=118.0

HVO 03 16:41:04.3<0.7, 19.410N<0.008<155.271W<0.009, h1km, 3km, ML2.5/47, ML2.3/38(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=141.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BYL Byron's Ledge, KKO Keanakakoi, OBL Observatory L, etc.

NEIC 03 16:41:09.9<2.2, 19.45N<0.01<155.342W<0.007, h2km, 7km, Error ellipse: s-maj=2.1km s-min=0.6km az=159.0

HVO 03 16:41:09.9<0.6, 19.41N<0.01<155.27W<0.01, h0km, 2km, ML2.9/41, ML2.9/15(NEIC), Error ellipse: s-maj=2.0km s-min=1.2km az=134.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BYL Byron's Ledge, HATHI Halema'uma'u T, OBL Observatory L, etc.

IDC 03 16:44:52.6<1.4, 27.58N<87.51E, h0km, mb3.6/7, mbtmp3.5/8, ML3.2/1, Error ellipse: s-maj=58.0km s-min=22.2km az=58.0

ISC 03 16:44:56.1<1.5, 27.75N<0.2<87.6E<0.3, h21km, n8, <0.955/8, mb3.5/7, Nepal

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, SONM Songino Array, etc.

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

IDC 03 17:01:56.7<2.1, 12.97S<45.62E, h0km, mb4.0/5, mbtmp4.2/6, ML4.9/1, MS3.4/5, Error ellipse: s-maj=61.6km s-min=27.3km az=161.0

NEIC 03 17:01:57.9<2.9, 12.91S<0.07<45.46E<0.07, h10km, 1km, mb4.2/11, Error ellipse: s-maj=15.5km s-min=6.5km az=122.1

ISC 03 17:01:57.0<0.6, 12.98S<0.07<45.52E<0.08, h10km, n31, <2.19/28, mb4.3/12, MS3.4/4, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OPO Ambohitratompo, ABPO Abompanpan, WOI Woi, etc.

NNC 03 17:04:14.2<4.8, 38.83N<72.38E, h0km, mb3.8, mpv3.3, Error ellipse: s-maj=22.4km s-min=16.5km az=0.0

KRNET 03 17:04:19.6<0.1, 39.35N<72.97E, h16km, mb3.0 SOME 03 17:04:23.4, 39.52N<73.00E, h10km

ISC 03 17:04:21.3<1.4, 39.16N<0.06<72.86E<0.03, h26km, 14km, n43, <1.99778, 32<1.8Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DRK Karamyk, SFK Sufi-Kurgan, SFK Sufi-Kurgan, etc.

Table with columns: MRKS, Station Name, Az, El, P, Res, Time, Res. Includes stations like Merke, Ala-Archa, Karakaybulak, Bishkek, Taraz, Chumysh, Osh, etc.

Table with columns: FLN, Station Name, Az, El, P, Res, Time, Res. Includes stations like La Druitiere, Yadvoritsy, Les Rejaudoux, Toulx Ste Croix, Bois d'Agland, etc.

Table with columns: APQ3, Station Name, Az, El, P, Res, Time, Res. Includes stations like Coope Vega, Ruinas Leon Vi, Acon Acopya, El Cardon, etc.

LGD 03 17:07:49.9±0.1, 47.21N±2.94W, h2km, Md3.1/1, ML3.0/30, Error ellipse: s-maj=1.6km s-min=1.1km az=54.0

CATAC 03 17:18:52.4±0.5, 10.29N-86.49W, h17km, 4km, ML3.7, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AI SSO del Vol, AI SSO del Vol, AI SSO del Vol, etc.

JMA 03 17:26:11.2±0.4, 37.0N±0.7, 143.3E±, h35km, MV3.2/29, FAR E OFF FUKUSHIMA PREF

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WAKE ISLAND Hy 27.16 123 T, WAKE ISLAND Hy 27.17 123 T, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BCO2, JIME, PTAR3, PIRO, etc.

NEIC 03 17:46:47.8-0.9, 19:40N-0.01+155:296W-0.006, h5km, 2km, Error ellipse: s-maj=3.1km s-min=2.4km z=131.0

HVO 03 17:46:47.2-0.9, 19:403N-0.005+155:299W-0.011, h0km, 7km, ML2.6/37, ML2.4/23(NEIC), Error ellipse: s-maj=1.6km s-min=0.4km z=114.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OBL, RIM, UWE, etc.

CATAC 03 18:09:07.7-0.3, 8:59N-82:93W, h11km, 2km, ML3.5, UPA 03 18:09:07.9-0.5, 8:60N-82:91W, h17km, 1km, MW3.6, UCR 03 18:09:08.5-0.9, 8:59N-82:93W, h10km, 2km, MW3.7

ISC 03 18:09:08.1-0.8, 8:60N-0.02-82:92W-0.02, h14km, 6km, n53, s056671, 3C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CDITO, MIRA, VITO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LNBO3, LOCO3, PEDE3, etc.

IDC 03 18:16:48.1-0.8, 2:23S, 126:22E, h0km, mb3.8/7, mbmp3.9/10, ML4.0/3, MS2.8/2, Error ellipse: s-maj=35.9km s-min=16.6km az=80.0

DJA 03 18:16:51.8-0.2, 2:2S, 12:12E, h10km, M4.5/11, mb5.1/4, mb5.1/3, MLV4.3/11, Mw(mb)4.4/3

ISC 03 18:16:50.2-0.7, 2:28S, 126:06, 125:98E-0.05, h10km, n19, r150/22, mb3.7/7, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NLAI, LBMI, TMTI, etc.

TAP 03 18:19:41.8, 24:27N, 122:43E, h69km, ML3.0, C JMA 03 18:19:41.7-0.1, 24:26N, 122:5E-0.3, h63km, 1km, MV2.4/13, NW OFF ISHIGAKIJIMA IS

ISC 03 18:19:41.4-1.2, 24:26N, 122:47E-0.02, h69km, 6km, n93, s1908/165, 19C-1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EOS3, EOS4, EOS2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NACB, TWD, TWD, etc.

ISC 03 18:19:41.8, 24:27N, 122:43E, h69km, ML3.0, C JMA 03 18:19:41.7-0.1, 24:26N, 122:5E-0.3, h63km, 1km, MV2.4/13, NW OFF ISHIGAKIJIMA IS

ISC 03 18:19:41.4-1.2, 24:26N, 122:47E-0.02, h69km, 6km, n93, s1908/165, 19C-1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NNSB, NNS, NWLT, etc.

Table with columns: WCS, Beiangng Elemen, 1.43 262 eP, Pn, 18 20 06.3 +0.8, etc.

ICD 03 19:05:21.9, 1.2, 2.13S, 100.51E, h0km, mb3.9/11, mbmp3.9/11, Error ellipse: s-maj=53.3km s-min=15.8km az=55.0

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

Table with columns: MKAR, Makanchi Array, 51.26 344 P, P, 19 14 28.0 -0.1, etc.

ICD 03 19:28:49.1, 2.0, 1.74N, 98.67E, h0km, mb3.6/7, mbmp3.5/8, ML3.8/1, Error ellipse: s-maj=91.3km s-min=19.7km az=57.0

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

BEQ 03 19:29:07.4, 0.2, 42.03N, 21.40E, h7km, 3km, ML2.5/18 PDG 03 19:29:07.1, 0.2, 42.02N, 21.52E, h10km, ML2.7/11, Error ellipse: s-maj=0.6km s-min=0.6km az=90.0

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

Table with columns: PDG, Podgorica, 1.73 285, Pn, 19 29 38.1 +0.2, etc.

ICD 03 19:41:00.1, 4.6, 36.93N, 71.43E, h53km, 30km, mb3.4/7, mbmp3.7/14, ML3.0/6, MS2.9/1, Error ellipse: s-maj=53.9km s-min=22.0km az=153.0

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

ICD 03 19:55:26.8, 1.7, 37.98N, 19.57E, h0km, mb3.3/3, mbmp3.4/4, ML0.9/1, MS2.3/1, Error ellipse: s-maj=43.4km s-min=30.7km az=119.0

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

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

Table with columns: APZ, The Paps, HHSZ, Highcliff Hill, etc. Includes station names and coordinates.

IDC 03 20:15:59.2+1.6, 37.65N, 19.80E, h0km, mb3.5/4, mbmp3.5/4, MS2.8/1, Error ellipse: s-maj=69.8km s-min=28.7km az=127.0

THE 03 20:16:00.6, 37.68N, 19.64E, h1km, 3km, ML3.5/5, Error ellipse: s-maj=4.3km s-min=1.8km az=229.0

ATH 03 20:16:02.2, 37.71N, 19.73E, h5km, 1km, ML3.1/10, Error ellipse: s-maj=2.3km s-min=1.3km az=61.0

ISC 03 20:16:00.3+1.7, 37.71N, 19.62E, 0.05, h11km, 10km, n50, c1916/66, mb3.5/4, Ionian Sea

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

NEIC 03 19:55:50.1+0.8, 19.405N, 0.009, 155.269W, 0.008, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.7km az=328.0

HVO 03 19:55:49.4+0.7, 19.410N, 0.007, 155.271W, 0.009, h1km, 3km, ML2.6/36, ML2.5/2(N/E), Error ellipse: s-maj=1.1km s-min=1.0km az=72.0, Hawaiian Islands

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

WEL 03 20:01:28.4+0.7, 45.54S, 16.8E, h5km, M3.4/9, ML3.6/9, MLV3.4/9, Error ellipse: s-maj=0.0km s-min=0.0km az=122.0, confirmed, South Island

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

IDC 03 20:15:59.2+1.6, 37.65N, 19.80E, h0km, mb3.5/4, mbmp3.5/4, MS2.8/1, Error ellipse: s-maj=69.8km s-min=28.7km az=127.0

THE 03 20:16:00.6, 37.68N, 19.64E, h1km, 3km, ML3.5/5, Error ellipse: s-maj=4.3km s-min=1.8km az=229.0

ATH 03 20:16:02.2, 37.71N, 19.73E, h5km, 1km, ML3.1/10, Error ellipse: s-maj=2.3km s-min=1.3km az=61.0

ISC 03 20:16:00.3+1.7, 37.71N, 19.62E, 0.05, h11km, 10km, n50, c1916/66, mb3.5/4, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AS01, AS31, AS31, etc.

DSN 03 20:33:27.4+1.1, 27.64N, 57.19E, h15km, ML2.4/4, Error ellipse: s-maj=27.7km s-min=9.1km az=119.0

TEH 03 20:33:30.2+2.7, 71N, 55.42E, h10km, 4.12km, ML2.7

ISC 03 20:33:30.9+1.0, 27.54N, 0.04, 55.38E, 0.07, h15km, n13, c1929/15, Southern Iran

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

mb4.2/28, Error ellipse: s-maj=20.7km s-min=9.1km az=141.0

NOU 03 20:32:06.2, 16.11S, 176.18W, h392km, mb4.5/25, Fiji Islands region

ISC 03 20:32:06.1+0.6, 16.1S, 0.1x176.15W, 0.08, h400km, n68, c1919/67, mb4.2/21, Fiji Islands region

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

comp=Z, 13mm, 1.0s

comp=Z, 11mm, 0.9s

comp=Z, 15mm, 1.0s

comp=Z, 15mm, 1.1s

comp=Z, 8.4mm, 0.9s

comp=Z, 2.8mm, 0.8s

comp=Z, 2.1mm, 0.4s

comp=Z, 2.8mm, 0.8s

comp=Z, 2.1mm, 0.4s

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comp=Z, 2.8mm, 0.8s

comp=Z, 2.1mm, 0.4s

comp=Z, 2.8mm, 0.8s

comp=Z, 2.1mm, 0.4s

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

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

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

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

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

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

3d 23h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like H23K Yukon River, M27K Edge Creek, L19K White Mountain, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M17K Holitna River, H27K Steamboat Moun, I28M Miner Creek, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like P29M Windy Craggy, K15K Wolf Creek Mou, F18K Selawik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Pine Mountain, I70A, J05D, etc.

IDC 03 23:34:17.9-0.4, 8.90S:74.88W, h0km, mb4, 4/24, mbmp4, 4/31, ML3.5/6, MS3.5/29, Eror ellipse: s-maj=16.6km s-min=10.7km az=65.0 NEIC 03 23:34:24.6-1.6, 8.98S:0.06:74.98W:0.07, h43km, 6km, mb4, 9/25/3, Eror ellipse: s-maj=10.2km s-min=9.2km az=81.0 VAO 03 23:34:26.1-0.9, 8.98S:74.76W, h44km, 6km, mb4, 9 ISC 03 23:34:23.5-0.5, 8.94S:0.104:74.95W:0.05, h39km, 5km, n578, e067/470, mb4, 8/15/4, MS3.5/25, Peru-Brazil

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CZSB, NNA, NNA, NNA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like JTS, PCRV, CPUP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like HHAR, X34A, MCWV, etc.

Table with columns: ID, Name, Az, El, Az, El, Az, El, Az, El. Rows include stations like R18K, BPAW, MLY, etc.

Table with columns: ID, Name, Az, El, Az, El, Az, El, Az, El. Rows include stations like E18K, F17K, L14K, etc.

IDC 04 00:03:27.9±0.8, 13:12S±45:89E, h0km, mb3.8/11, mtdmp3.8/12, ML 4.2/1, MS3.2/4, Error ellipse: s-maj=24.3km s-min=18.8km az=105.0

Table with columns: Code, Station Name, Az, El, Az, El, Az, El, Az, El. Rows include stations like OPO, ABPO, WOI, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Az, El, Az, El. Rows include stations like XLT, PMSA, TXAR, etc.

Table with columns: LPAZ, La Paz, CASY, Casey, SAMI, Samuel, ETMB, Extrema, DBIC, Dimbokro, OPO, Ambohitrampoto, MBAR, Mbarara, ROSO, El Rosal, TOAO, Torodi Ar. Sit, TORO, Torodi Ar. Beza, TORO, Torodi Ar. Beza, SDV, Santo Domingo, JTS, Las Junias de, MJD, Midelt, ESDC, Sonseca Array, EIL, Elat, YKA, Yellowknife Ar, MKR, Makarini Array, ZALV, Zalesovo Beam, ILAR, Eielson Array, SONM, Songino Array.

IDC 04 00:44:26.8.0.7.55:44S:26:45W, h0km, mb4.3/9, mbmp4.3/10, ML3.7/1, Error ellipse: s-maj=23.0km s-min=17.4km az=83.0

NEIC 04 00:44:29.0.1.6.55:50S:0:08:26:7W:0.2, h10km, 1km, mb4.6/23, Error ellipse: s-maj=16.6km s-min=12.3km az=57.0

ISC 04 00:44:32.3.0.5.55:48S:0:09:26:71W:0.0:08, h38km, n39, s-139/39, mb4.5/18, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like HOPE, SNA, PMSA, BELA, MG02, GO08, TRQA, GSPA, CPUP, MT02, ZON, VA03, CO01, MAW, AC05, GO02, LVC, BOS, PTLB, Vnda, Vnda, GO01, LPAZ, ETMB, DBIC, TOAO, TORO, TORO, TORO, BVAR, YKA, ILAR, SONM.

IDC 04 00:45:38.7.4.5.55:50S:26:53W, h0km, mb4.1/3, mbmp4.1/3, Error ellipse: s-maj=145.6km s-min=47.8km az=165.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LPAZ, DBIC.

Table with columns: TORO, Torodi Ar. Beza, ILAR, Gielson Array.

AEIC 04 00:52:01.0.1.2.61:82N:0:04:167:59W:0:10, h6km, 4km, ML3.8, mb_Lg3.4/27(NEIC), Error ellipse: s-maj=7.3km s-min=5.6km az=58.0

NEIC 04 00:52:01.9.1.3.61:81N:0:04:167:59W:0:09, h10km, 1km, Error ellipse: s-maj=9.9km s-min=3.3km az=61.0

ISC 04 00:52:01.7.1.1.61:80N:0:04:167:55W:0:05, h10km, n155, s-131/161, Bering Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like K13K, M11K, J14K, M13K, GAMB, K15K, ANM, L15K, M14K, N14K, G15K, M15K, J16K, F14K, H16K, TNA, I17K, F14K, H16K, TNA, I17K, U14K, F15K, J17K, M16K, M16K, G16K, L17K, K17K, N16K, H17K, O15K, G17K, M17K, M17K.

IDC 04 00:52:01.7.1.1.61:80N:0:04:167:55W:0:05, h10km, n155, s-131/161, Bering Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like N17K, J18K, H18K, H18K, H18K, F17K, P16K, O17K, M18K, G18K, N18K, N18K, SVW2, E17K, E17K, J19K, J19K, L19K, L19K, P17K, P17K, H19K, M19K, M19K, G19K, E18K, E18K, O18K, O18K, N19K, N19K, K20K, L20K, L20K, C16K, RDOG, J20K, J20K, F19K, P18K, P18K, M20K, M20K, C17K, C17K, S14K, VNF, ANCK, F20K, CAST, CAST, RSO, C18K, P19K, P19K, AUCH, O19K, H21K, SKA, MLY, CNPM, KDAD, CCB, B21K, DHY, H24K, SCM, M24K, B22K, J25K, PRP, J26L.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like N17K, J18K, H18K, H18K, H18K, F17K, P16K, O17K, M18K, G18K, N18K, N18K, SVW2, E17K, E17K, J19K, J19K, L19K, L19K, P17K, P17K, H19K, M19K, M19K, G19K, E18K, E18K, O18K, O18K, N19K, N19K, K20K, L20K, L20K, C16K, RDOG, J20K, J20K, F19K, P18K, P18K, M20K, M20K, C17K, C17K, S14K, VNF, ANCK, F20K, CAST, CAST, RSO, C18K, P19K, P19K, AUCH, O19K, H21K, SKA, MLY, CNPM, KDAD, CCB, B21K, DHY, H24K, SCM, M24K, B22K, J25K, PRP, J26L.

JMA 04 01:09:17.8.0.5.37:N:2x13'5E", h402km, 4km, MV3.0/26, SEA OF JAPAN

IDC 04 01:09:19.0.1.3.37:36N:134:63E, h392km, 19km, mb2.5/3, mbmp3.2/6, Error ellipse: s-maj=41.8km s-min=20.2km az=11.0

ISC 04 01:09:18.9.0.37:41N:0:1:134:59E:0:09, h385km, n17, s-089/18, mb2.7/3, Sea of Japan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like JOI, JWJ, JSZ, JNG, MAT, MJAR, JRY, JMM, JFK, JRG, KRSR, JMW, JMK, USRK, MKAR, KURBB, WRA.

NEIC 04 01:33:22.2.2.9.6:98S:156:83E, h115km, 30km, mb4.1/18, mbmp4.5/20, MS3.5/6, Error ellipse: s-maj=22.3km s-min=11.9km az=85.0

IDC 04 01:33:27.5.3.6.9:8S:155:83E, h115km, 30km, mb4.1/18, mbmp4.5/20, MS3.5/6, Error ellipse: s-maj=22.3km s-min=11.9km az=85.0

ISC 04 01:33:21.8.0.6:94S:156:03E, h67km, 4km, mb4.8/58, Error ellipse: s-maj=13.0km s-min=9.5km az=217.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HNR, HNR.

4d 1h

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

2018 JUN

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like DRV Dumont d'Urville, CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like GERES GERESS Array B, EKA Eskdalemuir Arr, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Uwekahuna B, Byron's Ledge, Steaming Bluff, etc.

NEIC 04 01:50:48.5, 19:41N:155:28W, h12km
HVO 04 01:50:48.7, 1.4, 19:4N:0.2:155:28W:0.10, h1km, 5km,
ML 4/04, mb4.8/60(NEIC), ML3.8/36(NEIC),
Mww5.4/17(NEIC), Error ellipse: s-maj=27.4km
s-min=12.0km az=168.0

NEIC 04 01:50:48.5, 19:41N:155:28W, h12km, Moment Tensor Solution. Duration: 2.5 Moment tensor: Scale 1017Nm;
Mn-1.37; Mw0.67; Ms0.70; Mo0.17; Mo0.49; Mo0.71;
Fault plane solution: N1.46000x1017 NP1.0:53.05000°,
32.54000°, -1.71.06000°. NP2.0:210.90000°, 55.941000°,
-1.01.70000°. Principal axes: T 1.3300, Plg14.0000°,
Az309.0000°; N 0.2590, Plg10.0000°, Azm217.0000°; P
-1.5890, Plg73.0000°, Azm92.0000°;

BUI 04 01:50:48.5-0.0, 19:40N:155:30W, h5km, mb5.0/15,
mb5.2/19, Ms5.1/28, M6.7/5.0/29
IDC 04 01:50:49.5-1.4, 19:49N:155:35W, h0km, mb4.0/12,
mbmp4.0/12, MS4.6/69, Error ellipse: s-maj=40.8km
s-min=14.4km az=173.0

NEIC 04 01:50:49.1, 1.4, 19:4N:0.1:155:30W:0.1, h5km, 1km, Error
ellipse: s-maj=21.9km s-min=11.0km az=136.0

GCMT 04 01:50:57.0, 1.9, 19:34N:0.0:155:24W:0.0, h12km,
Mw5.3/164, Moment Tensor Solution. s110,c174;
s164,c298; Duration: 1s1 Moment tensor: Scale 1017
Nm; Mn-1.22±0.1; Mw0.61±0.1; Mo0.61±0.1;
Mo0.33±0.3; Ms0.43±0.1; M6.05±0.3; Best double
couple: Mo1.17700x1017 NP1.0:233.0000°, 52.00000°,
-1.61.00000°. NP2.0:38.00000°, 63.90000°,
-1.102.00000°. Principal axes: T 1.0700, Plg7.0000°,
Az316.0000°; N 0.2010, Plg7.0000°, Azm77.0000°; P
-1.2770, Plg90.0000°, Azm184.0000°; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 04 01:50:48.5-0.8, 19:40N:0.0:155:31W:0.02, h3km, 4km,
n512, c123/464, mb4.8/46, MS4.7/82, 1D, Hawaiian
Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Uwekahuna, Observatory Le Rim, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Diamond Head, Honolulu, Kipapa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Montague Isian, Killisnoo, Nishiki Lake, etc.

WAT6	Susitna Watana	43.46	5	P	P	01 58 53.3 +0.4
PPLA	Purkeypile	43.51	2	P	P	01 58 53.8 +0.5
YUKA	Talbot Arm	43.51	12	P	P	01 58 54.6 +1.2
O30N	Mendenhall	43.51	14	P	P	01 58 53.8 +0.5
HARP	HAARP	43.53	7	P	P	01 58 53.1 -0.3
YUK3	Moose Creek	43.59	10	P	P	01 58 53.4 -0.6
R33M	Jennings River	43.63	18	P	P	01 58 54.8 +0.5
WAT1	Susitna Watana	43.64	4	P	P	01 58 54.2 0.0
J14K	Nanvaranak Lak	43.68	355	P	P	01 58 54.6 +0.2
WHY	Whitehorse	43.69	14	P	P	01 58 54.6 -0.2
M26K	Nabesna, AK	43.80	8	P	I Amb	01 58 56.2 +0.7
M26K	Nabesna, AK	43.80	8	P	P	01 58 55.5 0.0
P33M	Teslin, Yukon	43.81	16	P	P	01 58 54.6 -1.1
M27K	Edge Creek, AK	43.92	9	P	I Amb	01 58 57.3 +0.7
M27K	Edge Creek, AK	43.92	9	P	I Amb	01 59 02.8
M27K	Edge Creek, AK	43.92	9	P	P	01 58 56.8 +0.2
N30M	Aishikik Lake	43.92	12	P	P	01 58 57.3 +0.8
K20K	Telida	43.93	1	P	P	01 58 56.8 +0.4
DHY	Denali Highway	43.98	5	P	P	01 58 57.6 +0.5
J16K	Anvik River	44.00	357	P	P	01 58 57.7 +0.7
J17K	VABM Dome	44.03	358	P	P	01 58 58.3 +1.0
CAST	Castle Rocks	44.04	2	P	P	01 58 58.5 +1.2
J18K	Innoko River	44.04	359	P	P	01 58 58.3 +1.0
PAX	Paxson	44.05	6	P	P	01 58 58.1 +0.5
OVMT	Ovando	44.09	41	P	P	01 58 58.3 +0.1
TRF	Thorofare Moun	44.15	3	P	P	01 58 59.5 +1.1
REDW	Red Top Meadow	44.16	47	P	P	01 58 58.1 -0.9
KTH	Kantishna Hill	44.22	3	P	I Amb	01 58 58.7 -0.1
N31M	Braeburn, Yuko	44.22	13	P	P	01 59 00.0 +1.1
RDUM	Red Mountain	44.29	51	P	P	01 59 00.6 +0.6
L21A	Cookes Peak, D	44.34	63	P	P	01 58 59.8 -0.6
L26K	Log Cabin Wild	44.36	8	P	P	01 59 00.2 +0.2
MVCO	Mesa Verde	44.38	56	P	P	01 59 00.5 -0.4
BOZ	Bozeman (W)	44.40	44	P	P	01 59 00.4 -0.3
CHUM	Lake Minchumin	44.49	2	P	P	01 59 01.0 +0.1
MCK	McKinley	44.51	4	P	P	01 59 02.1 +0.9
N32M	Quiet Lake	44.55	15	P	P	01 59 01.0 -0.6
N32M	Quiet Lake	44.55	15	P	I Amb	01 59 09.2
N32M	Quiet Lake	44.55	15	P	P	01 59 01.5 -0.1
J19K	Poorman	44.56	360	P	P	01 59 02.5 +1.0
M29M	Somme Creek	44.56	11	P	P	01 59 02.7 +1.0
L27K	Beaver Creek	44.60	9	P	P	01 59 02.4 +0.6
I17K	Unalakleet	44.60	357	P	P	01 59 02.8 +1.0
H17A	Grant Village	44.69	46	P	P	01 59 02.3 -0.8
J20K	Nowina River	44.75	1	P	P	01 59 04.8 +1.8
BPBW	Bear Paw Mtn.	44.76	3	P	P	01 59 03.8 +0.6
BW06	Boulder Array	44.89	48	P	P	01 59 04.3 -0.4
PDAR	Pinedale Array	44.89	48	P	P	01 59 06.0 +1.3
PDAR	Pinedale Array	44.89	48	P	LR	02 14 18.0
BWN	Browne	44.91	4	P	P	01 59 04.4 +0.1
M30M	Minto, Yukon	45.00	12	P	P	01 59 05.2 +0.1
M31M	Drury Creek, Y	45.17	14	P	P	01 59 05.1 -1.3
SCRK	Sand Creek	45.20	7	P	P	01 59 06.3 -0.4
Y22D	IRIS P ASSCAL I	45.21	61	P	P	01 59 05.8 -1.5
L29M	L29M	45.23	11	P	P	01 59 06.6 -0.4
WRH	Wood River Hill	45.30	4	P	P	01 59 06.8 -0.6
GCSA	Galena City Sc	45.33	359	P	P	01 59 08.0 +0.4
HDA	Harding Lake	45.33	5	P	P	01 59 07.7 0.0
NEA2	Nenana	45.35	4	P	I Amb	01 59 08.0 +0.1
NEA2	Nenana	45.35	4	P	I Amb	01 59 24.4
NEA2	Nenana	45.35	4	P	P	01 59 07.9 +0.1
I20K	Naaghedeneel	45.37	0	P	P	01 59 07.9 0.0
H16K	Elim	45.44	356	P	P	01 59 09.2 +0.7
K27K	Chicken	45.49	8	P	P	01 59 08.3 -0.6
CCB	Clear Creek Bu	45.49	5	P	P	01 59 08.8 -0.1
H17K	Granite Mounta	45.61	357	P	P	01 59 09.2 -0.6
ANM	Nome	45.64	354	P	P	01 59 10.2 +0.2
J25K	Salcha River	45.67	6	P	I Amb	01 59 11.1 +0.7
J25K	Salcha River	45.67	6	P	I Amb	01 59 16.7
J25K	Salcha River	45.67	6	P	P	01 59 09.6 -0.9
ANMO	Albuquerque	45.69	60	P	P	01 59 09.1 -2.1
ANMO	Albuquerque	45.69	60	LR	LR	02 16 10.5
ILAR	Eielson Array	45.69	5	P	P	01 59 10.3 -0.2
ILAR	Eielson Array	45.69	5	P	P	01 59 11.2 +0.7
ILAR	Eielson Array	45.69	5	P	LR	02 15 38.4
MLY	Manley	45.70	3	P	P	01 59 09.4 -1.3
COLA	College	45.72	4	P	P	01 59 10.6 -0.1
GAMB	Gambell	45.72	350	P	P	01 59 10.7 0.0
J26L	Joseph Creek	45.76	7	P	P	01 59 10.4 -0.7
H18K	Honhosa River	45.77	358	P	P	01 59 10.9 -0.2
MDM	Murphy Dome	45.77	4	P	P	01 59 11.5 +0.4
I21K	Tanana	45.80	2	P	P	01 59 11.0 -0.4
I23K	Minto, Yukon-K	45.89	3	P	P	01 59 12.5 +0.5
DAWY	Dawson	45.91	10	P	P	01 59 12.0 -0.3
SMCO	Snowmass	45.93	54	P	I Amb	01 59 12.8 -0.5
G15K	Niukuk	45.93	355	P	P	01 59 11.9 -0.5
POKR	Poker Plat Res	45.99	5	P	P	01 59 11.8 -1.0

K29M	Barlow Dome	46.02	11	P	P	01 59 12.5 -0.8
H20K	Anoteneega Mo	46.06	0	P	P	01 59 12.8 -0.7
H19K	Roadabout Mou	46.10	359	P	P	01 59 13.5 -0.2
TGNT	Hyland Airport	46.15	18	P	P	01 59 14.0 -0.2
G16K	Koyuk River	46.20	356	P	P	01 59 15.2 +0.7
G17K	Kiwalik Mounta	46.21	357	P	P	01 59 14.9 +0.4
H21K	Melozitna Rive	46.26	1	P	P	01 59 14.5 -0.4
MMPY	Sheldon Lake,	46.26	15	P	P	01 59 14.7 -0.4
MNTX	Cornudas Mount	46.31	64	P	P	01 59 14.4 -1.6
EGAK	Eagle	46.32	8	P	P	01 59 15.9 +0.4
EGAK	Eagle	46.32	8	P	P	01 59 15.4 -0.1
EGMT	Eagleton	46.49	41	P	P	01 59 15.7 -1.5
G18K	Tagagawik	46.52	358	P	P	01 59 17.6 +0.6
H22K	Ishaitiina Cre	46.54	2	P	P	01 59 16.7 -0.5
PRP	Porcupine Dome	46.54	6	P	P	01 59 17.5 +0.2
H23K	Yukon River	46.55	3	P	P	01 59 16.4 -0.9
I26K	Coal Creek Min	46.58	7	P	P	01 59 17.5 0.0
I26K	Coal Creek Min	46.58	7	P	P	01 59 17.8 +0.3
F14K	Arctic Creek	46.62	354	P	P	01 59 18.2 +0.4
H24K	Noord Dome	46.67	4	P	P	01 59 17.3 -0.9
F15K	North Star Dit	46.69	355	P	P	01 59 18.4 0.0
EDM	Edmont	46.69	34	P	P	01 59 18.8 +0.2
G19K	Purcell Mounta	46.73	359	P	P	01 59 19.0 +0.4
SDCO	Great Sand Dun	46.82	56	P	P	01 59 18.4 -1.8
TNA	Tin City	46.88	353	P	P	01 59 19.9 +0.1
J30M	Hart River	46.90	11	P	P	01 59 19.9 -0.3
K22A	Casper	47.02	49	P	P	01 59 20.4 -1.1
N23A	Red Feather La	47.05	52	P	P	01 59 21.0 -0.8
N23A	Red Feather La	47.05	52	P	P	01 59 20.6 -1.3
I27K	Karuk River	47.05	8	P	P	01 59 20.9 -0.3
ISCO	Idaho Springs	47.08	53	P	P	01 59 20.4 -1.8
G21K	Allakaket	47.10	1	P	P	01 59 20.8 -0.8
I28M	Miner Creek	47.13	9	P	P	01 59 22.0 +0.1
F17K	Baldwin Pennin	47.18	357	P	P	01 59 22.7 +0.6
F18K	Selawik	47.28	358	P	P	01 59 22.8 +0.1
Q24A	Divide	47.29	55	P	P	01 59 21.4 -2.4
Q24A	Divide	47.29	55	P	P	01 59 22.7 -1.1
I29M	Ogivilie Camp,	47.29	10	P	I Amb	01 59 22.5 -0.6
I29M	Ogivilie Camp,	47.29	10	P	I Amb	01 59 32.5
G23K	Bananza Creek	47.41	3	P	P	01 59 24.3 +0.3
F19K	Shalerucik Mo	47.44	359	P	P	01 59 25.1 +1.0
I30M	Mount Dempster	47.49	11	P	P	01 59 25.1 +0.3
T25A	Trinidad	47.60	57	P	P	01 59 25.8 -0.4
F20K	Avaraat Lake	47.63	360	P	I Amb	01 59 25.5 -0.1
F20K	Avaraat Lake	47.63	360	P	I Amb	02 00 37.0
F20K	Avaraat Lake	47.63	360	P	P	01 59 25.7 +0.1
H27K	Steamboat Moun	47.66	8	P	P	01 59 25.9 -0.1
TXAR	Lajas Array	47.74	68	P	P	01 59 28.9 +1.6
TXAR	Lajas Array	47.74	68	P	LR	02 15 22.2
F21K	Alatna River	47.81	1	P	P	01 59 27.2 +0.1
E17K	Hotham Inlet	47.84	357	P	P	01 59 27.6 +0.3
COLD	Coldfoot	47.92	3	P	P	01 59 27.6 -0.3
E19K	Redstone River	48.05	359	P	P	01 59 28.4 -0.6
H29M	Whitestone	48.08	9	P	I Amb	01 59 29.3 +0.1
H29M	Whitestone	48.08	9	P	I Amb	01 59 38.7
H29M	Whitestone	48.08	9	P	P	01 59 28.6 -0.7
G26K	Porcupine Rive	48.11	6	P	P	01 59 28.9 -0.5
E18K	Tukpahleark C	48.12	357	P	P	01 59 28.5 -1.0
F22K	Jot River	48.13	2	P	P	01 59 29.5 0.0
G27K	Doyon Strip	48.20	7	P	P	01 59 30.4 +0.2
LAO	LASA Array	48.31	44	P	P	01 59 30.8 -0.6
F24K	Squaw Lake	48.33	4	P	P	01 59 30.8 -0.4
H31M	Peel River	48.38	11	P	P	01 59 31.4 -0.1
EPYK	Eagle Plains	48.48	10	P	P	01 59 32.2 -0.1
D17K	Noatak River	48.53	356	P	P	01 59 33.3 +0.6
F25K	Christian Rive	48.57	5	P	P	01 59 33.5 +0.5
MSTX	Muleshoe	48.63	62	P	I Amb	01 59 33.2 -0.9
MSTX	Muleshoe	48.63	62	P	I Amb	01 59 37.9
MSTX	Muleshoe	48.63	62	P	P	01 59 32.0 -2.1
E22K	Anaktuvuk Pass	48.77	2	P	P	01 59 34.2 -0.3
E22K	Anaktuvuk Pass	48.77	2	P	P	01 59 34.8 +0.3
G29M	Pine Creek	48.78	9	P	P	01 59 33.6 -1.0
F26K	Sheenjek River	48.80	6	P	P	01 59 34.5 -0.2
E20K	Nigu River	48.84	360	P	P	01 59 36.2 +1.1
E24K	Your Creek	48.85	3	P	P	01 59 34.9 -0.2
RDOC	Red Dog Mine	48.87	356	P	P	01 59 35.9 +0.6
WRGLY	Wrigley	48.89	18	P	P	01 59 36.4 +1.0
E21K	Kiili River	49.03	1	P	P	01 59 37.4 +0.8
SAND	Sanderson	49.08	67	P	I Amb	01 59 36.8 -0.8
SAND	Sanderson	49.08	67	P	I Amb	01 59 42.0
E25K	Arch Village	49.09	5	P	P	01 59 37.6 +0.6
D19K	Kuna River	49.11	359	P	P	01 59 37.4 +0.3
G30M	toAh Zraii Nji	49.12	10	P	P	01 59 37.1 -0.1
RSSD	Black Hills	49.12	48	P	P	01 59 37.3 -0.6
F28M	Old Crow	49.19	8	P	P	01 59 38.2 +0.5
KSCO	Kaye Shedlock	49.24	55	P	P	01 59 38.4 -0.3
C16K	Lisburne Hills	49.27	355	P	P	01 59 38.9 +0.6
D20K	Etlivuk River	49.30	359	P	P	01 59 39.2 +0.6
C17K	DeLong Mountai	49.31	356	P	P	01 59 39.1 -0.5

PETK	Petrovlovsk-	49.34	324	LR	LR	02 17 43.0
TOLK	Toolik Lake Re	49.36	3	P	P	01 59 38.8 -0.2
C18K	Utukuk River	49.37	357	P	P	01 59 40.0 +0.8
G31M	Satah River	49.40	11	P	P	01 59 39.6 +0.4
D22K	Aiykyak River	49.49	1	P	P	01 59 39.8 -0.2
D22K	Aiykyak River	49.49	1	P	P	01 59 41.1 +1.1
E27K	Coleen River	49.53	7	P	P	01 59 41.1 +0.8
AMTX	Amalio	49.59	60			

4d 2h

2018 JUN

Table with columns: ID, Name, Az, El, Pn, Res, Az, El, Pn, Res. Includes entries like M17K Holitna River, PMR Palmer, Q23K Middleton Isla, etc.

Table with columns: ID, Name, Az, El, Pn, Res, Az, El, Pn, Res. Includes entries like KTH Kantishna Hill, J18K Innoko River, N25K Chitina, Valde, etc.

Table with columns: ID, Name, Az, El, Pn, Res, Az, El, Pn, Res. Includes entries like L27K Beaver Creek, BCAR Beaver Creek A, H19K Roundabout Mou, etc.

IDC 04 02:11:49.2±0.4, 53N:152.78E, h0km, mb3.8/11, mbmp3.8/15, MLC3.4/4, Error ellipse: s-maj=25.0km s-min=22.8km az=115.0

SKHL 04 02:11:54.4±0.1, 45.10N:152.50E, h30km±4km, mb4.5/5 ISC 04 02:11:57.7±0.4, 44.80N:152.40E±0.008, h60km, m29, s=217/27, mb3.7/11, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', El, Op, Phase, ID, Time, Res, h, Res, h, Res. Includes entries like KUR Kuril'sk, KUR 10.0nm,0.3s, KUR 80nm,0.4s, etc.

2018 JUN

Table with columns: WB0, WRA, WB2, WR0, AS31, ASAR, CMAR, KSAR, BBOO, STKA, MK31, MKAR, KURBB, KURK, KKAR, J18K, VNDA, VNDA, B21K, ILAR. Includes station names, coordinates, and status.

NEIC 04 02:41:06.6-0.7, 31.16N, 102.10325W, 0.01, h5km, 1km, mbLg2.7/35, ML2.6/64, Error ellipse: s-maj=3.1km

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like MNHN, PECS, ALPN, ODSA, VHRN, SAND, OZNA, TX31, etc.

IDC 04 02:47:29.5-1.0, 11.44S, 166.47E, h0km, mb4.1/9, mbtmp4.1/10, ML3.8/1, MS3.7/6, Error ellipse: s-maj=34.3km

NEIC 04 02:47:36.4-1.8, 11.55S, 166.4E, 0.1, h49km, 8km, mb4.4/11, Error ellipse: s-maj=19.6km

ISC 04 02:47:34.7-0.7, 11.52S, 166.5E, 0.1, h35km, n35, s=136/34, mb4.3/14, MS3.5/4, Santa Cruz Islands

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

Table with columns: DZM, ONTNG, QUENC, MRNZ, STKA, PLWZ, LTZ, WB0, WRAB, WRA, AS31, ASAR, ASAR, BBOO, BBOO, USRK, VNDA, VNDA, MA2, CMAR, QSPA, QSPA, L18K, L18K, L19K, SONM, ILAR, J25K, J25K, NVAR, MKAR, ZALV, TOAO. Includes station names and coordinates.

JMA 04 03:03:45.0-0.3, 25.12N, 123.3E, 0.6, h137km, 3km, MW2.1/11, NW OFF ISHIGAKIJIMA IS, Northeast of Taiwan

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

TAP 04 03:04:12.5, 24.30N, 121.77E, h11km, ML2.2, B, Taiwan

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like EHP, EAHA, EWUT, ETL, NACB, NACB, ESAD, TWC, TWC, LATG, LATG, NDS, NNSB, NDT, NDT, ENT, ENT, NNS, NNS, ETM, LXIB, E0S2, E0S2, WHF, FUSB, FUSB, E0S3, E0S3, YHNB, YHNB.

Table with columns: NOK, E0S4, NWLT, CHGB, TIPB, WARBT, WHP, SX11. Includes station names and coordinates.

IDC 04 03:08:17.6-1.7, 2.59S, 139.26E, h0km, mb3.2/3, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=86.8km

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

ROM 04 03:28:15.1-0.1, 43.368N, 102.26E, h0km, mb3.2/3, h12km, ML1.2/28, 6C-3D, Error ellipse: s-maj=0.3km

s-min=0.1km az=306.0, Central Italy

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like SSFR, SSFR, SSFR, ATFO, ATFO, ATFO, FRON, FRON, FRON, MURB, MURB, MURB, ARVD, ARVD, ARVD, ATCC, ATCC, ATCC, PIEI, PIEI, PIEI, ATVO, ATVO, ATVO, ATPI, ATPI, ATPI, EL6, EL6, NARO, NARO, ASSB, ASSB, ASSB, T1220, T1220, PE3, PE3.

LDG 04 03:28:52.8-0.3, 42.88N, 13.06E, h12km, ML1.9/8, Error ellipse: s-maj=9.7km

ROM 04 03:28:52.0-0.0, 42.915N, 10.00E, h1.146E, 0.004, h13km, ML2.0/9, 3C-8D, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MC2, MC2, FEIMA, FEIMA, FEIMA, NRCA, NRCA, NRCA, NRCA.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like JEM, ASAJ, JKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like RES, EIDS, PALK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like NLC, NLC, NLC, etc.

EST 04 04:57:28.9 0.0, 59.74N:24.19E, hOkm, ML2.2(HEL), Explosion
IDC 04 04:57:29.0 0.0, 59.74N:24.19E, hOkm, ML2.2, Explosion
HELL 04 04:57:30.9 1.9, 59.94N:23.92E, hOkm, mbmp3.1/3, ML2.5/3, Error ellipse: s-maj=22.1km s-min=6.0km az=151.0

ISC 04 04:57:26.3 0.7, 59.77N:0.02:24.18E:0.02, hOkm, russia, r1311/62, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like MEF, HEL1, EEO1, etc.

IDC 04 05:08:51.4 1.2, 53.77N:160.87E, hOkm, mb3.8/11, mbmp3.8/11, MS3.6/1, Error ellipse: s-maj=28.1km s-min=15.3km az=139.0
NEIC 04 05:08:52.9 1.7, 53.2N:0.2:161.53E:0.03, h35km/2km, mb4.4/11, Error ellipse: s-maj=29.9km s-min=3.1km az=176.0
KRSC 04 05:08:53.6 1.1, 53.49N:161.28E, h40km/19km, M1.4.2
MOS 04 05:08:55.8 0.7, 53.53N:161.16E, h39km, mb3.9/9, Error ellipse: s-maj=8.2km s-min=4.8km az=81.4
ISC 04 05:08:53.8 1.3, 53.63N:0.04:161.17E:0.05, h26km/9km, n111, r139/131, mb4.0/19, Off east coast of Kamchatka Peninsula

Table with columns: Station Name, Frequency, Power, and other technical details for stations like FINES, AKASO, EKA, WRA, ASAR.

ICD 04 05:38:18.1s,3.6,54.74N,162.75W,h50km,33km,mb3.6/11, mtbpm4.0/15,ML4.3/4,M52.9/7, Error ellipse: s-maj=29.5km s-min=18.2km az=6.0

NEIC 04 05:38:20.2s,2.3,54.54N,162.34W,0.05,h74km,7km, mb4.2/50,ML4.5/18,ML4.1(AEIC), Error ellipse: s-maj=6.3km s-min=4.3km az=182.0

AEIC 04 05:38:22.5s,2.6,54.54N,162.34W,0.06,h69km,6km, Error ellipse: s-maj=8.4km s-min=4.7km az=159.0

ISC 04 05:38:21.4s,0.8,54.59N,162.34W,0.04,h83km,7km, n324, r1514/318,mb4.0/15,Alaska Peninsula

Main table of station data with columns: Code, Station Name, Frequency, Power, Phase ID, Time, and other technical details for numerous stations.

Main table of station data (continued) with columns: Code, Station Name, Frequency, Power, Phase ID, Time, and other technical details for numerous stations.

Main table of station data (continued) with columns: Code, Station Name, Frequency, Power, Phase ID, Time, and other technical details for numerous stations.

Table with columns: YKA, Yellowknife Ar, 25.58 53 P, P, 05 43 41.3 -1.0, 05 43 43.1 +0.9, etc.

YKA Yellowknife Ar 25.58 53 P P 05 43 41.3 -1.0
YKA Yellowknife Ar 25.58 53 P P 05 43 43.1 +0.9
YKA Yellowknife Ar 25.58 53 P P 05 43 43.1 +0.9

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

Table with columns: ZALV, Zalesovo Beam, 66.15 343 P, P, 05 52 47.5 -3.0, etc.

IDC 04 05:57:55.1s 1.6, 2.3, 0.4S x 176.16W, h0km, mb3.9/4,
mbtmp4.1/5, ML4.6/11, MS3.4/3, Error ellipse: s-maj=69.5km

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

IDC 04 06:00:20.1s 2.4, 53.74N x 86.26E, h0km, mbtmp2.9/2,
ML2.6/2, Error ellipse: s-maj=20.4km s-min=11.9km

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

IDC 04 06:17:10.1s 1.2, 6.778S x 12.74W, h0km, mb3.9/6,
mbtmp3.9/7, ML3.1/11, MS3.5/20, Error ellipse: s-maj=68.4km s-min=22.6km az=128.0

NEIC 04 06:17:12.2s 2.0, 6.9S x 0.1:12.76W, h0km, 1km,
mb4.0/13, Error ellipse: s-maj=18.0km s-min=5.8km

IDC 04 06:17:11.3s 0.6, 6.90S x 0.10:12.7W, 0.1, h10km, n46,
i138/27, mb4.4/12, MS3.4/19, Ascension Island region

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

Table with columns: ROSC, EI Rosal, 62.61 279 LR, LR, 06 53 14.0, etc.

NEIC 04 06:31:32.9s 2.6, 5.07S x 0.05:102.66E, 0.06, h35km, 1km,
mb4.9/89, Error ellipse: s-maj=10.0km s-min=7.7km

BUJ 04 06:31:32.0s 0.0, 4.90S x 102.90E, h44km, mb4.9/46,
mb4.7/17, MS4.2/7, MS7.3/9.7

DJA 04 06:31:35.6s 0.2, 5.2S x 103.3E, h55km, 3km, M4.9/29,
mB5.5/11, mb4.9/29, MLV4.9/19, Mw(m)4.9/1

IDC 04 06:31:36.8s 2.4, 4.70S x 103.05E, h63km, 20km, mb4.5/24,
mbtmp4.8/26, MS3.5/25, Error ellipse: s-maj=19.0km s-min=10.0km az=51.0

IDC 04 06:31:34.5s 0.6, 4.94S x 0.05:102.93E, 0.05, h51km, 4km,
h51km, pp-P, n295, i148/303, mb4.9/89, MS3.7/27, 1C-2D, Southern Sumatra

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

Table with columns: Station, Name, Time, Status, and other details. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, SHL Shilling, YULB Yu-ii, SSSLB Suanglung, WB0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, NACB Ninganchiao, WR0 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, AS31 Alice Springs, CD2 Chengdu, LSA Lhasa, XAN Xi'an, NJ2 Nanjing, JOW Kunigami, LYN LuoYang, COEN Coen, LZH Lanzhou, ROCAM Rodrigues Isla, HNS HongShan, PMG Port Moresby, GTA Gaotai, CTAO Charters Tower, CTAO Charters Tower, STKA Stephens Creek, GUM Guam, JNU Nakatsue, HHC Hu-ho-hao-te, HHC Baijitiatau, MSEY Mahe Island, NIL Nilore, KSAR Wonju Array Be, KSRS Korea Array, KS19 Wonju Array, JMN Monobe, RER Riviere de IE, RER Chichijima, XLT XiLinHaoTe, XLT Wonju Array, EIDS Eidsvoild.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like WMQ Urumqi, KBL Kabul, KSH Kashi, WUS Wushi, WUS Hachijo jima 2, TARG Taragay Kyrgy, CAN Canberra, PRZ Przheval'sk, SHLS Shalkode, UZB Uzunbulak, UZB Changchun, CN2 Songino Array, SONM Songino Array, SATY Saty, DRK Karamyk, ULN Ulaanbaatar, ULN Ulaanbaatar, ULN Zhinishke, MAJO Matusushiro, MJAR Matusushiro Arr, MJAR Matusushiro Arr, MJB9 Matsu-Tunnel, ULHL Ulahol, GAR Garm, GAR Booms koye usch, BOOM Booms koye usch, BOOM Tian-Shan, MDOK Medeo, MDOK Medeo, CHGR Chuyangaron, CHGR Simiganj, SIMJ Simiganj, SIMJ Simiganj, SIMJ Uchtor, BTM Batken, TKM2 Tokmak 2, KBK Karagaybulak, JSD Sado, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Kury, EKS2 Erkin-Say, TDK Taldygorghan, USP Ospanovka, SGDS Sogdiny, ZSN Zaisan, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAK2 Makanchi, MAK2 Makanchi, BNX BinXian, USA0B Ussuriysk Arr, USA0B Ussuriysk Arr, USRK Ussuriysk Ar, USRK Ussuriysk Ar, DZA Taraz, IUG Iuzhnyy, CHM Chiment, BTLS Baital, KK31 Karatay Array, KKAR Karatay Array, BRLS Borolday, JTM Tenmabayashi, HEH HeiHe, HEH Kurchatov Arr, KURRB Kurchatov Arr, KURRB Kurchatov, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like KURK Ermo, KURK Kul'dur, GEYT Alibeck, GEYT Alibeck, GYA0B ALIBECK ARRAY, GYA0B ALIBECK ARRAY, JKA Kamikawa-asahi, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, BRZS Berezinski, YSS Yuzh-Sakhalins, DZM Mont Dzumac, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, LIFNC LIFOU, LIFNC LIFOU, LIFNC LIFOU, ARU Arti, ARU Arti, ARU Arti, MBAR Mbarara, MBAR Mbarara, KBZ Khabaz, EIL Eliat, ARPR Arapigil-MALATY, ARPR Arapigil-MALATY, MMAI Mount Meron Ar, MA2 Magadan, URZ Urewera, LBTB Lobatse, BOSA Boshof, BRTR Keskin Array B, BRTR Keskin Array B, BR13 Keskin Array S, ILGA Ilgaz, ILGA Ilgaz, TIXI Tiksi, TIXI Tiksi, VVDA Vanda, AK05 Malin Array Si, AK05 Malin Array Si, AKASG Malin Array Be, AKASG Malin Array Be, AKAB Malin Array Si, AKAB Malin Array Si, MLR Muntele Ros, MLR Muntele Ros, MSPA South Pole Uys, BURAR Buccovina Array, BURAR Buccovina Array, BUR08 Buccovina Ar, SUW Suwalki, SUW Suwalki, FINES FINES Array S, FINES FINES Array S, CRVS Cervena-Dubn, STHS Stebnicka Huta, ARCES ARCES Array B, ARCES ARCES Array B, PRED Cave del Predi, PRED Cave del Predi, HFS Hagfors, SPITS Spitsbergen Ar, TBI Tubuai, PPT2 Papeete2, PPT2 Papeete2, YKA Yellowknife Ar, J08A Circle Bar Rtn, PLID Pearl Lake, BPMT Black Pine Rid, MPK Martis Peak, YERR Yerington, NVAR Mina Array Be, NVAR Mina Array Be, VHRN Van Horn, OK051 E350 and S346, OK048 Pawnee Station, OK48 Pawnee Station, POST Post, OK029 Liberty Lake, R40A Maddies State, QUOK Quay, QUOK Quay, OK052 Battle Ridge R, OK031 S. Brethren Rd, WMOK Wichita Mounata, S39A Bolivar, P46A Rosedale, OK48 OKLAHOMA CITY, CCM Cathedral Cave, TUL3 Leonard, BDFB Brasilia, OLIL Olney.

Table with columns: Code, Station Name, Az, El, Azm, Azm2, Azm3, Azm4, Azm5, Azm6, Azm7, Azm8, Azm9, Azm10, Azm11, Azm12, Azm13, Azm14, Azm15, Azm16, Azm17, Azm18, Azm19, Azm20, Azm21, Azm22, Azm23, Azm24, Azm25, Azm26, Azm27, Azm28, Azm29, Azm30, Azm31, Azm32, Azm33, Azm34, Azm35, Azm36, Azm37, Azm38, Azm39, Azm40, Azm41, Azm42, Azm43, Azm44, Azm45, Azm46, Azm47, Azm48, Azm49, Azm50, Azm51, Azm52, Azm53, Azm54, Azm55, Azm56, Azm57, Azm58, Azm59, Azm60, Azm61, Azm62, Azm63, Azm64, Azm65, Azm66, Azm67, Azm68, Azm69, Azm70, Azm71, Azm72, Azm73, Azm74, Azm75, Azm76, Azm77, Azm78, Azm79, Azm80, Azm81, Azm82, Azm83, Azm84, Azm85, Azm86, Azm87, Azm88, Azm89, Azm90, Azm91, Azm92, Azm93, Azm94, Azm95, Azm96, Azm97, Azm98, Azm99, Azm100.

ASIES 04 06:34:11.3, 23:44N:120:48E, h12km, ML3.8, Mw3.4, Moment Tensor Solution. Moment tensor: Scale 10^20 Nm; Mn=0.68, Mns=2.38, Mns=9.06, Mns=1.7, Mns=7.54, Mns=4.44; Fault plane: s=130, t=1740, n=120; N1P=120, N2P=120, N3P=120; P=171, 70000; S=63, 64000; N=40, 34000; NP2=61.04000; S54=55000; N146=97000; Principal axes: T: Plg46.3940; Azm30.3050; N: Plg43.0760; Azm199.3040; P: Plg5.5170; Azm294.4860;

TAP 04 06:34:11.3, 23:44N:120:48E, h12km, ML3.8, B ISC 04 06:34:11.8-0.8, 23:44N:0.01x120:47E:0.01, h18km, 2km, n130, s080/220, 130-16C, Taiwan

Table with columns: Code, Station Name, Az, El, Azm, Azm2, Azm3, Azm4, Azm5, Azm6, Azm7, Azm8, Azm9, Azm10, Azm11, Azm12, Azm13, Azm14, Azm15, Azm16, Azm17, Azm18, Azm19, Azm20, Azm21, Azm22, Azm23, Azm24, Azm25, Azm26, Azm27, Azm28, Azm29, Azm30, Azm31, Azm32, Azm33, Azm34, Azm35, Azm36, Azm37, Azm38, Azm39, Azm40, Azm41, Azm42, Azm43, Azm44, Azm45, Azm46, Azm47, Azm48, Azm49, Azm50, Azm51, Azm52, Azm53, Azm54, Azm55, Azm56, Azm57, Azm58, Azm59, Azm60, Azm61, Azm62, Azm63, Azm64, Azm65, Azm66, Azm67, Azm68, Azm69, Azm70, Azm71, Azm72, Azm73, Azm74, Azm75, Azm76, Azm77, Azm78, Azm79, Azm80, Azm81, Azm82, Azm83, Azm84, Azm85, Azm86, Azm87, Azm88, Azm89, Azm90, Azm91, Azm92, Azm93, Azm94, Azm95, Azm96, Azm97, Azm98, Azm99, Azm100.

Table with columns: Code, Station Name, Az, El, Azm, Azm2, Azm3, Azm4, Azm5, Azm6, Azm7, Azm8, Azm9, Azm10, Azm11, Azm12, Azm13, Azm14, Azm15, Azm16, Azm17, Azm18, Azm19, Azm20, Azm21, Azm22, Azm23, Azm24, Azm25, Azm26, Azm27, Azm28, Azm29, Azm30, Azm31, Azm32, Azm33, Azm34, Azm35, Azm36, Azm37, Azm38, Azm39, Azm40, Azm41, Azm42, Azm43, Azm44, Azm45, Azm46, Azm47, Azm48, Azm49, Azm50, Azm51, Azm52, Azm53, Azm54, Azm55, Azm56, Azm57, Azm58, Azm59, Azm60, Azm61, Azm62, Azm63, Azm64, Azm65, Azm66, Azm67, Azm68, Azm69, Azm70, Azm71, Azm72, Azm73, Azm74, Azm75, Azm76, Azm77, Azm78, Azm79, Azm80, Azm81, Azm82, Azm83, Azm84, Azm85, Azm86, Azm87, Azm88, Azm89, Azm90, Azm91, Azm92, Azm93, Azm94, Azm95, Azm96, Azm97, Azm98, Azm99, Azm100.

Table with columns: Code, Station Name, Az, El, Azm, Azm2, Azm3, Azm4, Azm5, Azm6, Azm7, Azm8, Azm9, Azm10, Azm11, Azm12, Azm13, Azm14, Azm15, Azm16, Azm17, Azm18, Azm19, Azm20, Azm21, Azm22, Azm23, Azm24, Azm25, Azm26, Azm27, Azm28, Azm29, Azm30, Azm31, Azm32, Azm33, Azm34, Azm35, Azm36, Azm37, Azm38, Azm39, Azm40, Azm41, Azm42, Azm43, Azm44, Azm45, Azm46, Azm47, Azm48, Azm49, Azm50, Azm51, Azm52, Azm53, Azm54, Azm55, Azm56, Azm57, Azm58, Azm59, Azm60, Azm61, Azm62, Azm63, Azm64, Azm65, Azm66, Azm67, Azm68, Azm69, Azm70, Azm71, Azm72, Azm73, Azm74, Azm75, Azm76, Azm77, Azm78, Azm79, Azm80, Azm81, Azm82, Azm83, Azm84, Azm85, Azm86, Azm87, Azm88, Azm89, Azm90, Azm91, Azm92, Azm93, Azm94, Azm95, Azm96, Azm97, Azm98, Azm99, Azm100.

IDC 04 06:38:26.6:0.8, 11:43S:29:40E, h0km, mb4.0/11, mbtmp4, 1/15, ML4.4/3, MS3.5/8, Error ellipse: s-maj=30.3km s-min=19.2km az=11.0 BUL 04 06:38:26.6:4.8, 11:54S:29:29E, h10km NEIC 04 06:38:29.4:1.6, 11:35S:0:07:29.5E:0.1, h10km, 1km, mb4.5/38, Error ellipse: s-maj=18.2km s-min=1.7km az=109.0 LSZ 04 06:38:49.8:0.3, 11:07S:31:23E, h10km, MD4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kasama, Mopani, Lobatse, Pongola, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Sao Paulo, Makanchi, Chiang Mai, etc.

NEIC 04 06:56:09.9:1.0, 15:3S:0.2:173.4W:0.1, h10km, 1km, mb4.5/11, Error ellipse: s-maj=42.8km s-min=3.1km az=328.0

IDC 04 06:56:22.1:1.5, 16:08S:175:32W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=46.7km s-min=35.4km az=137.0

ISC 04 06:56:12.6:0.9, 15:1S:0.3:173.6W:0.2, h35km, n18, c047/16, mb4.4/10, Tonga Islands

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

IDC 04 07:02:13.8:3.3, 53:31N:87.90E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=29.0km s-min=17.7km az=55.0, Southwestern Siberia

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

SJA 04 07:12:16.5:0.9, 38:24S:74:28W, h10km, 12km, ML4.2, MW3.8

IDC 04 07:12:23.0:1.0, 38:23S:73:47W, h0km, mb3.8/8, mbtmp3.8/10, ML4.2/2, MS3.8/16, Error ellipse: s-maj=29.4km s-min=16.8km az=70.0

NEIC 04 07:12:24.8:1.3, 38:21S:0.0:73.78W:0.09, h20km, 6km, mb4.3/17, Mw4.3/29, Mw4.5(GUC), Error ellipse: s-maj=10.9km s-min=6.1km az=83.0, Moment Tensor Solution, Moment tensor: Scale 1015Nm, Mr:2.38, Ms:0.29, Mw:0.09, Mb:0.40, Mb:1.65, Mw:2.29, Fault plane solution: M3.63000:1015 NP1:303.95000: 534.18000:144.81000: NP2:174.53000: 866.67000: 115.72000. Principal axes: T 3.6276, Plg60.0000, Azm122.0000: N 0.0145, Plg23.0000: Azm344.0000: P -3.6421, Plg18.0000: Azm246.0000:

GUC 04 07:12:25.3:0.7, 38:27S:73:86W, h35km, 2km, ML4.8

NEIC 04 07:12:26.38:23S:73:83W, h36km

VAO 04 07:12:36.9:1.4, 38:17S:72:01W, h43km, 14km, mb4.4

ISC 04 07:12:24.3:1.3, 38:19S:0.03:73.68W:0.05, h15km, 9km, n130, c135/121, mb4.1/11, MS3.9/14.5C, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Mocha, Puerto Saavedr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, LPIG La Paz, TXAR Lajitas Array, SUR Sutherland, DBIC Dimbokro, ANMO Albuquerque, BOSB Boshof, URZ Urewera, LBTB Lobatse, PFAO Phynon Flats O, NVR Mina Array Bea, TORD Torodi Ar. Bea, MDT Midelf, H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, TIXI Tiksi, BVAR Borovoye Array, PZBH PanZhihua.

NNC 04 07:19:32.1±1.5, 49.68N±81.89E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=22.3km s-min=5.1km az=52.0.

SOME 04 07:19:44.5, 49.32N±79.58E, h20km

ISC 04 07:19:41.9, 1.2, 49.28N, 0.10, 80.5E, 0.1, h0km, n5, s=255/9, 5C-1D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SEM Semipalatinsk, SEM 17nm, 0.1s, KURBB Kurchatov Arra, KURBK Kurchatov, KURK Kurchatov, MK31 Makanchi Array, MK31 1.1nm, 0.5s, ZSN Zaisan, ZSN 1.9nm, 0.2s, ZSN 3.2nm, 0.2s.

NOU 04 07:20:27.3, 4.0' 62'S, 174° 48'E, h60km, MLv3.6/6, Cook Strait, New Zealand

WEL 04 07:20:28.1±0.5, 41° 51' S±17° 4E', h36km, 6km, M3.5/13, ML3.8/13, MLv3.5/13, Error ellipse: s-maj=0.0km

s-min=0.0km az=155.4, confirmed

ISC 04 07:20:27.2±1.4, 40.85S±0.03, 174.45E±0.03, h70km, 9gkm, n122, s112/131, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIW Kapiti Island, DUWZ D'Urville Isla, OTGW Otaki Gorge, TCW Tory Channel, CAW Cannon Point, OHWZ Wellington, OHWZ Ohaake, BHW Baring Head, BHW Holdsworth Sta, MRZ Mangatainoka, MRZ Tuamarina, MTW Mount Morrison, MSWZ Moutaka Station, WAZ Wanganui, NNZ Nelson, POWZ Post Office Ro, PAWZ Paruwai Farm, TWZ Tintock, PLWZ Palliser, CMWZ Cape Campbell, BSWZ Blackbirch Sta, PRWZ Pori Road, TWWZ Te Maipi, LRWZ Lake Rotokare, TKNZ Takaka Hill, TRWZ Traveller, TSZ Takapari Road, NMEZ Namu Road, PREZ Palmer Road, CPWZ Castlepoint, DVHZ Dannevirke, BFZ Birch Farm, BFZ Birch Farm, KHEZ Kahui Hut, NEZ North Egmont, NBEZ Newall Road No, QRZ Quartz Range, QNZ Quartz Range, DRZ Durham Road, MRNZ Matariki Terra, MTVZ Mangateitei, PKE Pukeitei, PKVZ Pukeitei, PNHZ Pukenui, VRZ Vera Road, ANWZ Angora Road, MHEZ Mangahewa, VNWZ Wahianoa, TRVZ Turoa, MROV Mowhango, THZ Topouse, WHVZ Whangahau Hut, MAVZ Matarangi, WPHZ Waipukura, FWVZ Far West T-bar, TUNZ Tukino, COVZ Chateau Observ, BHZ Black Hill Sta, PRHZ Porangahau, NGZ Ngauruhoe, SNVZ South Ngauruho, OTVZ Oturere, NNVZ North Ngauruho, WTVZ West Tongariro, KRHZ Kereru, ETVZ East Tongariro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMVZ Te Maari, NTVZ North Tongariro, KHZ Kahutara, KATZ Kakarama, PKVZ Pukenui, KWHZ Kaweka Forest, RITZ Rihia Road, KAHZ Kahurangi, RAHZ Rauhi, MCHZ McNeill Hill, HIZ Hauiti, WATZ Wairara, DSZ Denniston Nort, MRHZ Matea Re, NUVZ Nukumai, TLVZ Tolley Road, WPRZ Whakapapatarin, GVZ Greta Valley S, PRHZ Plateau Road, RAHZ Rauhi, LTZ Lake Taylor, MUGZ Murupara, TOZ Tahuroa Road, INZ Inchbonnie, RAGZ Rawiri, URZ Urewera, URZ Urewera, RIGZ Rimuahu, OXZ Oxford, OKCZ Okains Bay, MWZ Matawai, MOZ McQueen's Vall, AKCZ Akaroa Harbour, RACZ Rakaiia, KARZ Karaka Road Bo, AWAZ Awitahi Peninsula, MKAZ Moutaka Bore, RUGZ Rautakura Rang, WUZ Waitaha Valley, ETAZ East Tamaki Re, WTAZ Waitatua, WACZ Wakamui South, RVAZ Riverbank, MBSZ Motutapu North, PKGZ Pahihoa, RPZ Rata Peaks, GCSZ Gaunt Creek Bo, RACZ Rawiri, FQZ Fox Glacier, TMZ Timaru, ODZ Otahua Downs, JLCZ Jackson Bay.

IDC 04 07:21:22.5±5.8, 6.08S, 133°96'E, h0km, mb3.1/1, mbtmp3.1/3, ML2.9/2, Error ellipse: s-maj=320.5km s-min=35.4km az=78.0, Aru Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA 0.1nm, 0.3s, ASAR Alice Springs, ASAR 0.1nm, 0.8s, MKAR Makanchi Array.

IDC 04 07:25:25.8±0.9, 21°36'S, 68°13'W, h14km, 22km, mb3.4/1, mbtmp3.5/4, MS3.3/1, Error ellipse: s-maj=40.8km s-min=12.4km az=101.0

GUC 04 07:25:26.5±0.6, 21°32'S, 68°53'W, h129km, 5gkm, ML3.2

ISC 04 07:25:25.2±1.1, 21°25'S±0.04, 68°42'W±0.08, h124km, 12km, n18, c25/12/31, 1C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, LVC Limon Verde, LVC Limon Verde, LVC Punta Patache, GO01 Chuzmisia, GO01 Diego Aracena, PB06 IPOC Station P, TA02 Huaquique, IPOC Station P, PB11 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, PB15 IPOC Station P, PB12 IPOC Station P, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, SIV San Ignacio, BDFB Brasilia, JTS Las Juntas de, TORD Torodi Ar. Bea, KRNET 04 07:31:49.4±0.1, 41°31'N, 71°76'E, h14km, mb3.3, SOME 04 07:31:50.9, 41°27'N, 71°85'E, h10km, NNC 04 07:31:50.9, 1.9, 41°20'N, 71°83'E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=17.1km s-min=5.8km az=5.0, ISC 04 07:31:48.5±1.1, 41°26'N, 0.02, 71°88E±0.02, h6km, 10km, n83, c15/9/135, 21C-32D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARSB baz=89, OHH Osh, MNAS Manas, MNAS baz=25, BTK Batken, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, DZA Taraz, DZA Taraz, DZA Taraz, SFK Sufi-Kurgan, DRK Karamyken, DRK Karamyken, MRKS Merke, MRKS Merke, MRKS Merke, ARLS Aral, ARLS Aral, EKSZ Erkin-Say, EKSZ Erkin-Say, EKSZ Erkin-Say, CHM Chiment, CHM Chiment, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, UCH Uchtor, UCH Uchtor, UCH Uchtor, BRLS Borolday, BRLS Borolday, BRLS Borolday, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, GAR Garm, GAR Garm, FRU1 Bishkek, FRU1 Bishkek, KBK Karagaybulak, KBK Karagaybulak, KBK Karagaybulak, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, USP Oспенovka, USP Oспенovka, SGDS Sogindy, SGDS Sogindy, NRN NRN, NRN NRN, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, BOOM Boomsokoye usch, BOOM Boomsokoye usch, CHGR Chuyangaron, CHGR Chuyangaron, DGS Degeres, DGS Degeres, DGS Degeres, KST KasteK, KST KasteK, KST KasteK, KSH Kashi, KSH Kashi, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau.

2018 JUN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRBS, MTBS, IZV, KDJ, BTLS, TNS, KUU, MDO, CHK, KURS, SAT, ARX, BLB, UZB, PDG, KNOS, DJR, KAPS, KMI.

mbtmp3.4/3, Error ellipse: s-maj=21.8km s-min=27.2km az=63.0, Celebes Sea

IDC 04 07:59:16.7±3.4, 53°36'N, 87°86'E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=30.4km s-min=18.0km az=50.0, Southwestern Siberia

IDC 04 08:04:27.2±2.1, 9°13'S, 112°58'E, h0km, mb3.7/4, mb4.4/5, mb4.8/1, MLV4.1/16, Mw(mB)4.1/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PWJ, JAGI, JAGI, JAGI, BLJI, NGJI, ABJI, GRJI, UGM, YOGI, DNP, SRBI, SMRI, KPJI, TWSI, CMJI, SBJI, PLAI, PLAI, CNJI, XMIS, MBWA, SANI, WARR, ASAR, STKA, MKAR.

CATAC 04 08:25:42.9±0.5, 13°52'N, 90°52'W, h32km±7km, ML3.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NUBE, LOAL, PCG, CEVE, FUG, UNIC, UNIC, JAYA, JAYA, JAYA, NBG, GUMI, GUMI, GUMI, LALI, LALI, LALI, PMON, PMON, PMON, ITCA, ITCA, ITCA, QUEZ, QUEZ, QUEZ, UUES, UUES, UUES, SNET, SNET, SNET, SULM, SULM, SULM, UTEC, UTEC, UTEC, PANCS, PANCS, PANCS, LOMA, LOMA, LOMA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LOMA, MTO3, MTO3, MTO3, RTAL, RTAL, RTAL, PAVA, PAVA, SOKI, SOKI, SOKI, STG3, STG3, STG3, COEG, COEG, COEG, COEG, UESV, UESV, UESV, TECO, TECO, TECO, MRL, MRL, SCLA, SCLA, SCLA, PQSS, PQSS, HUEH, HUEH, LCHD, CNCH, CNCH, CNCH, CCIG, CCIG, TGUH, TGUH, TGUH, COPN, COPN, LIMN, LIMN.

IDC 04 08:26:35.1±2.6, 19°76'N, 45°73'W, h0km, mb3.7/6, mbtmp3.7/6, MS3.4/34, Error ellipse: s-maj=100.1km

IDC 04 08:28:36.4±2.3, 19°7'N, 0°16', 45°7'W, h10km, n41, a021/6, mb3.8/6, MS3.4/33, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MCV, PDRP, SDV, ROSC, TKL, SADO, SCHG, MDT, JTS, TEIG, ESDC, H10N3, H10N3, H10N3, H10N1, DBIC, H10S3, H10S2, LPAZ, NNA, TOR, CMIG, FRB, DAVOX, TXAR, ANMO, JMJC, OOA, PDAR, LPAG, ELK, YKA, YKA, NEW, IDI, PFO, YBH, BRTR, BBB, INK, ILAR, ILAR, ILAR, MBAR, SUR.

IDC 04 07:50:41.1±3.2, 54°21'N, 87°39'E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=27.8km s-min=19.3km az=47.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR.

GCG 04 08:34:12.7±0.5, 14°15'N, 92°03'W, h93km±14km, MD3.8

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h	m s
						ISC	ISC
SULM	Suchitpequeuz,	0.39	43	Op	Pn	08 34 27.7	+1.6
RTAL	Retalhuleu	0.52	15	P	Pb	08 34 27.1	+0.5
RTAL					Pb	08 34 36.1	+0.5
RTAL					Pb	08 34 37.3	
comp=Z,4um,1.0s							
STG3	Santiago 3,	0.73	20	eP	Pb	08 34 30.4	+0.1
SOKI	Kika Raxquin	0.90	28	iP	Pb	08 34 32.1	-1.1
SOKI					Pb	08 34 44.5	-1.6
SOKI					Pb	08 34 46.4	
comp=Z,1um,1.0s							
FUG	Fuego 3	1.05	66	eP	Pb	08 34 35.2	+0.5
PCG	Pachaya	1.25	73	eP	Pb	08 34 38.5	+0.3
HUEH	Huehuetenango	1.33	14	eP	Pn	08 34 39.0	+0.3
GUMI	Mixco	1.33	63	iP	Pb	08 34 39.0	+0.4
GUMI					Pb	08 34 56.8	+0.4
GUMI					Pb	08 35 00.0	
comp=Z,4um,1.0s							
GCG4	OSOP	1.38	66	iP	Pn	08 34 39.8	-0.2
GCG4					Pb	08 34 58.4	-0.2
GCG4					Pb	08 35 01.2	
comp=Z,2um,1.0s							
NBG	Las Nubes	1.55	68	eS	Pb	08 34 43.7	-0.5
NBG					Pb	08 35 05.2	+1.7
LOAL	Lomas de Alarc	2.00	90	iP	Pn	08 34 46.3	0.0
LOAL					Pn	08 35 12.9	+0.3
LOAL					Pn	08 35 14.9	
comp=Z,2um,1.0s							
NUBE	Las Nubes	2.00	93	iP	Pn	08 34 47.6	-0.8
NUBE					Pn	08 35 11.2	-1.6
NUBE					Pn	08 35 15.3	
comp=Z,450nm,1.0s							
CEVE	Cerro Verde	2.16	95	eS	Pn	08 34 51.2	+0.5
CEVE					Pn	08 35 18.8	+2.0
CEVE					Pn	08 34 50.3	-0.4
CEVE					Pn	08 35 18.0	+1.2
CEVE					Pn	08 35 21.6	
comp=Z,890nm,1.0s							
UNIC	Universidad Ca	2.22	91	iP	Pn	08 34 51.1	-0.3
UNIC					Pn	08 34 52.7	
comp=Z,210nm,1.0s							
UNIC	Marmol	2.34	63	eP	Pb	08 34 56.4	-1.2
JAYL	Jayaque - finc	2.35	99	eP	Pb	08 34 53.0	-0.2
JAYA					Pn	08 35 20.1	-1.4
JAYA					Pn	08 34 52.0	-0.4
JAYA					Pn	08 35 20.0	-1.4
JAYA					Pn	08 35 22.9	
comp=Z,2um,1.0s							
MTOS	Montecristo	2.43	81	iP	Pn	08 34 53.7	-0.7
MTOS					Pn	08 35 13.1	
comp=Z,110nm,1.0s							
PMON	Piamonte	2.47	97	iP	Pn	08 34 54.7	-0.2
PMON					Pn	08 35 23.8	-0.5
PMON					Pn	08 35 28.6	
comp=Z,570nm,1.0s							
ESQI	Esquipulas	2.48	77	iP	Pn	08 34 55.0	0.0
QUEZ	Alcaldia de Qu	2.50	94	iP	Pn	08 34 55.1	-0.1
QUEZ					Pn	08 35 05.9	
comp=Z,2um,1.0s							
QUEZ	Alcalda de L	2.50	102	iP	Pn	08 35 26.5	+1.6
LALI					Pn	08 34 55.0	-0.2
LALI					Pn	08 35 24.6	-0.3
LALI					Pn	08 35 35.0	
comp=Z,87nm,1.0s							
UEES	Universidad Ev	2.54	96	iP	Pn	08 34 55.9	+0.1
UEES					Pn	08 35 26.2	+0.1
UEES					Pn	08 35 32.3	
comp=Z,300nm,1.0s							
SNET	Serv Nac Est T	2.55	97	iP	Pn	08 34 56.1	+0.1
SNET					Pn	08 35 26.0	-0.3
SNET					Pn	08 35 34.8	
comp=Z,660nm,1.0s							
PANCS	Alcalda de	2.61	99	iP	Pn	08 34 56.9	+0.1
PANCS					Pn	08 35 27.7	-0.1
PANCS					Pn	08 35 36.3	
comp=Z,2um,1.0s							
LOMA	Loma Larga	2.62	98	iP	Pn	08 34 57.2	+0.3
LOMA					Pn	08 35 28.5	+0.5
LOMA					Pn	08 35 35.3	
comp=Z,350nm,1.0s							
UBBS	Universidad Do	2.62	96	iP	Pn	08 34 57.2	+0.3
UBBS					Pn	08 35 29.2	+1.1
UBBS					Pn	08 35 34.8	
comp=Z,340nm,1.0s							
PAVA	Las Pavas	2.83	96	iP	Pn	08 34 59.8	-0.1
PAVA					Pn	08 35 41.6	
comp=Z,200nm,1.0s							
COEG	Centro de Oper	2.90	97	eP	Pn	08 35 01.5	+0.7
COEG	Centro de Oper	2.90	97	iP	Pn	08 35 01.1	+0.4
COEG					Pn	08 35 30.9	+1.4
COEG					Pn	08 35 48.7	
comp=Z,170nm,1.0s							
TECO	Alcaldia de Te	3.01	99	iP	Pn	08 35 01.7	-0.5
TECO					Pn	08 35 37.3	-0.2
TECO					Pn	08 35 48.0	
comp=Z,100nm,1.0s							
SCLA	Alcaldia de Sa	3.03	96	iP	Pn	08 35 02.8	+0.0
SCLA					Pn	08 35 39.9	+1.7
SCLA					Pn	08 35 54.4	
comp=Z,44nm,1.0s							
POSS	Presa 15 de Se	3.21	97	iP	Pn	08 35 05.0	+0.1
POSS					Pn	08 35 44.2	+1.8
POSS					Pn	08 35 45.8	
comp=Z,49nm,1.0s							
PETF	Flores	3.45	33	iP	Pn	08 35 08.6	+0.3

IDC 04 08:38:40.3-8.6,1471N-144.94E,h0km,mb3.6/4,mbtm3.6/4,Error ellipse: s-maj=331.7km s-min=32.7km az=81.0, Mariana Islands
 Code Station Name Δ° AZ° Phase ID Time Res
 WRA Warramunga Arr 35.98 197 P 08 45 42.8 -0.3
 0.4nm,0.8s,baz=19,slow=8.3,SNR=1.9
 0.4nm,0.8s
 SONMI Songo Array 45.87 324 P 08 47 03.2 -1.3
 0.5nm,0.4s,baz=129,slow=8.0,SNR=2.2
 0.5nm,0.4s
 MKAR Makanchi Array 60.74 316 P 08 48 54.3 +0.4
 0.3nm,0.5s,baz=88,slow=8.3,SNR=5.0
 0.3nm,0.5s
 KURBS Kurchatov Arra 63.82 319 P 08 49 14.8 +0.3
 1.3nm,0.7s,baz=99,slow=6.7,SNR=12
 1.3nm,0.7s

IDC 04 08:49:29.5-3.5,5359N-87.74E,h0km,mbtm2.5/2,ML2.2/2,Error ellipse: s-maj=32.7km s-min=18.5km az=40.0, Southwestern Siberia
 Code Station Name Δ° AZ° Phase ID Time Res
 H46RU ZALESOVO INFRA 1.77 283 I 09 00 00.0
 0.1nm,0.5s,baz=98,slow=276,SNR=0.6
 ZALV Zalesovo Beam 1.77 283 P 08 50 02.1 -0.7
 0.8nm,0.3s,baz=100,slow=19,SNR=4.1
 ZALV 1.4nm,0.3s,baz=99,slow=28,SNR=6.2
 KURBS Kurchatov Arra 6.41 246 P 08 51 05.2 +0.2
 baz=63,slow=14,SNR=5.2
 KURBS 6.2nm,slow=30,SNR=7.0
 MKAR Makanchi Array 7.65 209 P 08 51 23.5 +1.4
 0.1nm,0.3s,baz=21,slow=9.2,SNR=2.2
 0.1nm,0.3s

NEIC 04 08:54:14.1-1.8,5596N-0.09-150W,0.1,h5km,8km,ML3.5/50,ML3.3(AEIC),Error ellipse: s-maj=13.4km s-min=8.6km az=170.0
AEIC 04 08:54:17.4-1.3,5596N-0.06-149W,0.1,h12km,8km,Error ellipse: s-maj=11.1km s-min=6.4km az=132.0
ISC 04 08:54:14.1-1.2,560N-0.1-149W,0.07,h10km,n183,0855/193,Gulf of Alaska
 Code Station Name Δ° AZ° Phase ID Time Res
 OHAK Old Harbor 2.23 306 P 08 54 50.6 -0.4
 OHAK 08 55 16.4 -2.1
 OHAK Old Harbor 2.23 306 P 08 54 50.6 -0.4

OHAK	baz=124	S	Sn	08 55 16.4	-2.1
KODAK	baz=124		Sn	08 55 19.6	-1.3
KODAK	Kodiak Island	2.32	323	08 54 52.6	+0.3
KODAK	Kodiak Island	2.32	323	08 54 53.1	-0.6
SII	Sitkinak Islan	2.42	286	08 55 01.1	+0.5
R18K	Kariuk	2.94	305	08 55 35.5	-0.6
R18K			Sn	08 55 37.3	
R18K	comp=N,121nm,0.5s		IAML	08 55 38.0	
R18K	comp=E,109nm,0.5s	2.94	305	08 55 01.3	+0.5
R18K	Kariuk	2.94	305	08 55 01.3	+0.5
R18K	baz=122		S	08 55 35.6	-0.6
SYI	Shuyak Island	2.96	335	08 55 01.4	+0.3
SYI			Pn	08 55 36.3	-0.4
Q20K	Shuyak Island	2.97	335	08 55 00.9	-1.2
Q20K	baz=153		S	08 55 35.6	-1.2
Q19K	Cape Douglas,	3.58	328	08 55 10.7	+1.1
Q19K	Cape Douglas,	3.58	328	08 55 10.5	+1.0
CNPM	China Ptot	3.64	350	08 55 53.2	-0.2
CNPM			Pn	08 56 00.9	
CNPM	comp=E,87nm,0.9s		IAML		
ANCK	Angle Creek	3.76	309	08 55 12.6	+0.5
BRSE	Bradley Lake S	3.82	354	08 55 12.2	-0.6
BRSE	Bradley Lake S	3.82	354	08 55 12.2	-0.6
BRSE	baz=173		S	08 55 56.5	-1.3
HOM	Homer	3.82	347	08 55 13.2	+0.4
HOM			Pn	08 56 09.6	
HOM	comp=N,141nm,1.0s		IAML	08 56 12.6	
KAHC	Katmai Hardscr	3.84	317	08 55 14.1	+0.8
KAHC	Katmai Hardscr	3.84	317	08 55 14.1	+0.8
BRLL	Bradley Lake	3.85	353	08 55 12.7	-0.6
BRLL			Pn	08 55 57.4	-1.2
BRLL			Sn	08 55 59.3	
Q23K	Middleton Isla	3.99	28	08 55 14.6	-0.6
Q23K			Pn	08 56 01.8	
Q23K	comp=N,80nm,1.4s		IAML		
Q23K	comp=E,86nm,1.4s		IAML	08 57 52.8	
Q23K	Middleton Isla	3.99	28	08 55 14.5	-0.6
Q23K	baz=210		Pn	08 55 14.6	-0.6
MID	Middleton Isla	3.99	28	08 56 01.8	
MID	comp=N,72nm,1.4s		IAML	08 57 52.9	
P19K	Oil Pt	4.09	336	08 55 17.7	+1.0
P19K			Pn	08 56 08.4	
P19K	comp=N,128nm,0.5s		IAML	08 55 17.4	+0.7
P19K	Oil Pt	4.09	336	08 55 17.4	+0.7
P23K	Montague Islan	4.28	18	08 55 18.8	-0.3
P23K	Montague Islan	4.28	18	08 55 18.8	-0.3
O20K	Slope Mountain	4.37	342	08 55 20.3	-0.2
O20K	Slope Mountain	4.37	342	08 55 20.3	-0.2
IVE	Iliamna Volcan	4.38	340	08 55 20.6	-0.1
P18K	Big Mountain,	4.45	323	08 55 22.2	+0.6
P18K	Big Mountain,	4.45	323	08 55 21.9	+0.4
Q22K	Cooper Landing	4.54	2	08 55 23.2	+0.5
P17K	Kvichak River	4.76	316	08 55 26.1	+0.4
P17K	Kvichak River	4.76	316	08 55 26.1	+0.4
O18K	Koktuh Hills	4.80	327	08 55 26.7	+0.4
O18K			IAML	08 58 14.4	
O18K	comp=N,26nm,0.6s		IAML	08 58 28.7	
O18K	comp=E,27nm,0.8s		IAML	08 55 26.5	+0.1
HIN	Hinchinbrook I	4.82	21	08 55 26.6	0.0
HIN			IAML	08 56 23.1	
HIN	comp=N,58nm,0.4s		IAML	08 58 14.4	
O19K	Port Alsworth	4.83	333	08 55 27.8	+1.0
KAIM	Kayak Island	4.96	34	08 55 28.1	-0.4
KAIM			Pn	08 56 27.5	
KAIM	comp=E,62nm,0.5s		IAML	08 56 28.8	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like CNPM China Poot, ANCK Angle Creek, BRSE Bradley Lake S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like UZB Taragay, MTBS Maitube, CHKK Chushkaly, etc.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like TORDI, BRTR, KBZ, KVAR, LEM, ABKAR, and TXAR.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like PNME, UPD2, CHIT3, AZU, CAPC, and others.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like AMTX, FCAR, MIAR, BRIGG, and others.

IDC 04 09:35:18.9,3.6,54.23N,87.20E, h0km, mbtimp2.8/2, ML2.6/2, Error ellipse: s-maj=33.0km s-min=21.3km az=48.0, Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like I46RU, ZALV, KURB, and MKAR.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like PRVC, APAC, DRKO, and others.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like TREL, ISCO, ABTX, and others.

IDC 04 09:40:08.3,2.2,6.92S,128.76E, h0km, mb3.4/1, mbtimp3.4/3, ML3.3/2, Error ellipse: s-maj=113.8km s-min=33.1km az=67.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WRA, ASAR, and MKAR.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like UREC, COVE, SOCE, and others.

RSNC 04 11:00:07.8,0.0,10'N,13°7'9W, h0km, 12km, M3.3, mb4.0, ML2.6, Panama

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BCIP, AZU, CAPC, and others.

WEL 04 10:09:34.5,0.6,44°S,13°17'3E, h8km, 5km, M3.3/11, ML3.5/12, MLV3.3/11, Error ellipse: s-maj=0.0km s-min=0.0km az=95.6, confirmed

NOU 04 10:09:34.1, 43.57S, 172.73E, h0km, MLV3.7/9, South Island, New Zealand

ISC 04 10:09:34.6,0.9,43.53S,0.003,172.77E,0.003, h16km, 8km, n55, r1906/64, South Island

Large table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MOZ, OKCZ, AKCZ, and many others.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like ZARC, PTBC, BOAB, and others.

DJA 04 11:06:18.1,0.2,3°S,3°12'8E, h10km, M4.4/11, mb4.6/7, mb4.8/3, MLV4.3/11, Mw(mb)4.0/3

NEIC 04 11:06:20.9,1.8,3.05S,0.1,127.91E,0.06, h62km, 18km, mb4.0/9, Error ellipse: s-maj=20.9km s-min=5.5km az=198.0

IDC 04 11:06:23.3,3.7,3.11S, 128.05E, h75km, 33km, mb3.6/4, mbtimp4.0/6, MS3.1/3, Error ellipse: s-maj=34.7km s-min=12.0km az=62.0

ISC 04 11:06:19.7,0.7,3.00S,0.06,127.93E,0.05, h38km, n42, e202/43, mb3.8/5, Seram

NEIC 04 10:54:54.0,7.38,82N,0.04,97.63W,0.07, h5km, 2km, mb_Lg2.9/159, Error ellipse: s-maj=10.1km s-min=5.5km az=71.0, Kansas

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KXU1, R32A, and others.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NLAI, SANI, and others.

RSNC 04 10:52:15.2,0.4,10°N,4°7'9W, h0km, M3.9, mb4.5, mb4.9, ML3.2, Mw(mb)4.1

UPA 04 10:52:18.4,0.9,10.05N,79.54W, h33km, 9km, MD4.1, MW4.3

CATAC 04 10:52:19.3,0.6,10.11N,79.91W, h15km, MB4.7, mb4.7, ML4.2

ISC 04 10:52:13.3,1.5,10.18N,0.04,79.57W,0.03, h16km, 11km, n44, e236/72, BD, North of Panama

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BCIP, KHEZ, and others.

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like OK029, CSTR, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like NLAI, SANI, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBSI, BKSI, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like KAPI, KAPI, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like EDFI, EDU, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like WRA, WRA, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like WB2, WB2, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like WR0, WR0, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like COEN, COEN, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like PMG, PMG, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBJJ, QIS, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, ASAR, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBOO, BBOO, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like STKA, STKA, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR, CMAR, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBOO, BBOO, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like STKA, STKA, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR, CMAR, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBOO, BBOO, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like STKA, STKA, and others.

Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR, CMAR, and others.

4d 11h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, QSPA South Pole Qui.

IDC 04 11:19:42.21.9, 36.04N:140.02E, h81km, 15km, mb3.4/4, mbtmp3.7/8, Error ellipse: s-maj=26.4km s-min=10.0km z=65.0

NIED 04 11:19:44.7, 36.04N:139.80E, h76km, MW3.6, Moment Tensor Solution... s3 Moment tensor: Scale 10^14Nm; Mm:2.42; Mw:0.55; Mw:1.87; Mw:0.01; Mw:0.76; Mw:1.83; Fault plane solution: M2:94000x10^14 NP1:11.00000, s64.00000, lambda:79.00000... NP2:215.00000, s28.00000, lambda:12.00000.

JMA 04 11:19:44.7, 0.2, 36.0N:0.5:139.8E:0.6, h76km, 1km, MV3.5/39, SW IBARAKI PREF.

JMA Feil II J1 at SW IBARAKI PREF. ISC 04 11:19:43.5, 0.9, 36.07N:0.04:139.83E:0.06, h85km, 7km, n36, r156/41, mb3.7/4, 10D, Eastern Honshu

Main table for 4d 11h section, listing station codes (JYT, TOK, JAG, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

IDC 04 11:23:58.0, 1.1, 36.96N:97.86W, h0km, mb3.4/1, mbtmp3.4/4, ML3.8/3, MS2.7/1, Error ellipse: s-maj=17.9km s-min=16.3km az=159.0

TUL 04 11:23:57.4, 0.3, 36.69N:0.0099:97.68W:0.02, h7km, 1km, ML3.3, mb1.9, 193.5/144(NEIC), ML3.5/64(NEIC), Mw3.2/17(SLM), Error ellipse: s-maj=1.7km s-min=1.2km az=73.0

NEIC 04 11:23:57.3, 0.3, 36.688N:0.0099:97.69W:0.02, h7km, 1km, Error ellipse: s-maj=1.8km s-min=1.3km az=75.0

NEIC 04 11:23:57.3, 6.6N:97.69W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^13Nm; Mm:0.47; Mw:6.79; Mw:6.32; Mw:0.53; Mw:4.06; Mw:1.80; Fault plane solution: M7:94000x10^13 NP1:22.00000, s80.00000, lambda:170.00000... NP2:151.00000, s80.00000, lambda:10.00000... Principal axes: T:7.9462, P:9.0000, Az:16.0000... N:0.0006, P:1676.0000... Az:285.0000... P:7.9456, P:14.0000... Az:106.0000...

ISC 04 11:23:58.4, 0.8, 36.68N:0.02:97.71W:0.02, h10km, n118, r1526/67, Oklahoma

Table for 4d 11h section, listing station codes (GC02, CROK, KAN14, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

2018 JUN

Main table for 2018 JUN section, listing station codes (KAN10, KAN06, KAN08, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

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Table for 252 section, listing station codes (HNDO, ANMO, ANMO, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

Table for MEX 04 11:24:50.8, 0.6, 15.20N:94.48W, h18km, 11km, MD3.8, Near coast of Oaxaca, listing station codes (PCIG, HUG, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

Table for HEL 04 11:27:02.4, 0.3, 66.70N:26.83E, h0km, ML1.0, Explosion, Finland, listing station codes (RNF, RANF, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

Table for IDC 04 11:27:43.2, 5.5, 59.74N:24.38E, h0km, mbtmp3.3/3, ML2.5/3, Error ellipse: s-maj=32.9km s-min=9.3km az=154.0, EST 04 11:27:43.6, 0.1, 59.74N:24.15E, h0km, ML2.3(HEL), Explosion, listing station codes (EE01, HEL1, etc.), station names, and various parameters like Az, Az', Op, Phase ID, Time Res, ISC, h, m, s, ISC.

Table with columns: VJF, comp-Z, FIAO, FINES, AAL, AAL, AAL, SLIT, SLIT, KPF, KPF, KEF, KEF, KEF, EE07, KAF, KAF, VAF, VIKU, UMAU, JOF, JOF, HFS, HFS, BLEU, BLEU, BORU, DEL, NOA, NOA, FADU, BSD, ARCES, ARCES

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Table with columns: ASAR, WRA, QSPA, H03S2, H03S1, H03S3, ILAR, BRTR, PMG, COEN, MTSU, CTAO, KDU, WRA, ASAR, OOD, WPKA, KRSR, TORD, CHMG, CHMG, IUG, TRKS, TRKS, BRLS, BRLS, KK31, KK31, KKAR, KKAR, ARK, ARK, ARK, BTM, BTM, BTM, CHMI, CHMI, MNAS, MNAS

255

Table with columns: ISU, KRNET, SOME, ISU, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

Table with columns: ARSB, ARSB, OHH, OHH, MRKS, MRKS, GAR, GAR

NOU 04 12:28:31.1, 15:45S-167.44E, h16km, mb4.0/7, Vanuatu

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

256

Table with columns: KAPI, WRA, ASAR, ASAR, MKAR, NEIC, NCEDC, ISU, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

257

Table with columns: KRPMP, KRPMP, KCTM, JCC, KRMB, KRMB, KMPM, KHMM, KHMM, KXSB, KXSB, KXSB, KSMM, KCRM, KBO, KBO, KOMM, KMRM, L02F, L02F, KHBM, KPPM, M02C, LGPM, KIPM, KCPM, K02D, K02D, LBKM, LBPM, KBNM, YBH, YBH, YBH, LAMM, O02D, O02D, L02F, L02F, J01E, J01E, HUMO, LHEM, LMPM, M03C, GVV, GHMM, GWRM, LSHM, L04D, DBO, LBFM, L03M, LGMM, GGUM, M04C, GCK, GHLM, HOPS, HOPS, GTSM, LDBM, LMHM, O03E, LAMM, LTIM, LMEN, HOG, HATC, HATC

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

Table with columns: HATC, HATC, GFC, I03D, LDRM, LBCM, LCMH, OGOM, OSUM, SUTB, ORV, ORV, OSTM, OSTM, I04A, I04A, BUCK, BUCK, BUCK, MCMC, J05D, COR, COR, COR, H04D, H04D, BMRR, BEKR, AFDM, LOY, PINE, PINE, PINE, SAC, OONR, H04A, BABB, PEAR, MPK, EMB, EMB, EMB, PAHR, PNTR, PNTR, HOOD, HOOD, G05A, YERR, YERR, G06A, G06A, RADR, BJOM, J08A, RYV, RYV, NVAR, NVAR, NVAR, NV11, PDAR, PDAR, PDAR, TXAR, TXAR

259

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

260

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

261

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

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

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
SLA	San Lorenzo	1.58	101	eP	14 32 29.3	+1.0
SLA	San Lorenzo	1.58	101	iP	14 32 29.2	+1.0
AF01	San Pedro de A	1.71	328	eP	14 32 31.6	+1.8
AF01	San Pedro de A	1.71	328	eP	14 32 31.7	+1.9
AZAP	Zapla	1.96	85	eP	14 32 32.6	+0.3
AZAP	Zapla	1.96	85	eP	14 33 02.8	
FSA	Compañías	2.02	147	eS	14 32 33.4	+0.6
FSA	Compañías	2.02	147	eS	14 33 02.2	+0.4
GO02	Mina Guanaco	2.29	251	eP	14 32 37.3	+1.2
GO02	Mina Guanaco	2.29	251	eP	14 32 37.2	+1.2
GO02	Mina Guanaco	2.29	251	eS	14 33 09.3	+1.9
GO02	Mina Guanaco	2.29	251	eP	14 32 37.3	+1.2
GO02	Mina Guanaco	2.29	251	eP	14 33 09.0	+1.7
GO02	Mina Guanaco	2.29	251	eP	14 32 38.9	+1.4
LVC	Limon Verde	2.39	319	eS	14 33 12.0	+2.6
LVC	Limon Verde	2.39	319	eS	14 33 13.7	
LVC	Limon Verde	2.39	319	P	14 32 38.7	+1.4
LVC	Limon Verde	2.39	319	S	14 33 10.5	+1.1
LVC	Limon Verde	2.39	319	LR	14 33 28.5	
LVC	Limon Verde	2.39	319	eP	14 32 38.7	+1.4
LVC	Limon Verde	2.39	319	eS	14 33 11.1	+0.7
LVC	Limon Verde	2.39	319	eS	14 32 35.0	-2.3
LVC	Limon Verde	2.39	319	eS	14 32 35.8	-3.6
PB15	IPOC Station P	2.40	300	eP	14 32 38.9	+1.6
PB15	IPOC Station P	2.40	300	eS	14 33 10.7	+1.3
PB15	IPOC Station P	2.40	300	iP	14 32 38.6	+1.3
PB15	IPOC Station P	2.40	300	eS	14 33 10.6	+1.1
AS7B	Santa Barbara	2.56	80	eP	14 32 39.6	+0.6
YJA	Yavi	2.72	35	eS	14 32 42.7	+1.4
YJA	Yavi	2.72	35	eS	14 33 18.2	+2.1
PB06	IPOC Station P	2.76	308	eP	14 32 42.7	+1.2
PB06	IPOC Station P	2.76	308	eP	14 32 42.6	+1.1
PB06	IPOC Station P	2.76	308	eS	14 33 17.7	+0.7
PB06	IPOC Station P	2.76	308	iP	14 33 19.1	
PB06	IPOC Station P	2.76	308	iP	14 32 42.9	+1.4
PB06	IPOC Station P	2.76	308	eS	14 33 17.5	+0.5
PB06	IPOC Station P	2.76	308	eS	14 33 18.3	
AHML	Horco Molle	2.90	145	eP	14 32 43.2	+0.2
AHML	Horco Molle	2.90	145	eS	14 33 32.0	+1.2
AHML	Horco Molle	2.90	145	iP	14 32 43.1	+0.2
PB14	IPOC Station P	2.92	265	eP	14 32 44.3	+0.7
PB14	IPOC Station P	2.92	265	eP	14 32 44.3	+0.7
PB14	IPOC Station P	2.92	265	eS	14 33 19.9	-0.7
PB14	IPOC Station P	2.92	265	eS	14 33 25.9	
PB14	IPOC Station P	2.92	265	eP	14 32 44.3	+0.7
PB14	IPOC Station P	2.92	265	eS	14 33 20.0	-0.7
PB14	IPOC Station P	2.92	265	eS	14 33 28.9	
ALOL	LOMAS DE OLMES	3.00	79	eP	14 32 44.5	+0.2
PB05	IPOC Station P	3.16	299	eP	14 32 47.0	+0.6
PB05	IPOC Station P	3.16	299	eP	14 32 47.2	+0.9
PB05	IPOC Station P	3.16	299	eS	14 33 25.5	-0.1
PB05	IPOC Station P	3.16	299	iP	14 32 47.2	+0.9
PB05	IPOC Station P	3.16	299	iP	14 33 26.4	
PB10	IPOC Station P	3.19	286	eP	14 32 47.5	+0.8
PB10	IPOC Station P	3.19	286	eP	14 32 47.7	+1.1
PB10	IPOC Station P	3.19	286	eS	14 33 28.2	+2.0
PB10	IPOC Station P	3.19	286	iP	14 33 29.1	
PB10	IPOC Station P	3.19	286	iP	14 32 47.4	+0.8
PB10	IPOC Station P	3.19	286	eS	14 33 26.0	-0.2
PB10	IPOC Station P	3.19	286	iP	14 33 30.3	
PB09	IPOC Station P	3.21	324	eP	14 32 48.5	+1.5
PB09	IPOC Station P	3.21	324	eP	14 32 48.8	+1.7
PB09	IPOC Station P	3.21	324	eS	14 33 28.1	+1.2
PB09	IPOC Station P	3.21	324	iP	14 33 29.9	
PB09	IPOC Station P	3.21	324	iP	14 32 48.6	+1.5
PB09	IPOC Station P	3.21	324	eS	14 33 28.2	+1.6
PB04	IPOC Station P	3.41	307	eP	14 33 30.0	+0.5
PB04	IPOC Station P	3.41	307	eS	14 33 30.9	-0.4
PB04	IPOC Station P	3.41	307	eS	14 33 33.4	
PB04	IPOC Station P	3.41	307	eP	14 32 50.3	+0.8
PB04	IPOC Station P	3.41	307	iP	14 32 50.3	
AC01	Pan de Azucar	3.52	240	eP	14 32 50.4	-0.3
AC01	Pan de Azucar	3.52	240	eP	14 32 50.5	-0.2
AC01	Pan de Azucar	3.52	240	eS	14 33 32.0	-1.6
AC01	Pan de Azucar	3.52	240	eP	14 33 33.2	
AC01	Pan de Azucar	3.52	240	eP	14 32 50.4	-0.2
GUSE	Guasayan	4.05	149	eP	14 32 57.7	+0.3
AC06	Mina Casimiro	4.08	223	eP	14 32 56.9	-0.8
GO03	Copiap	4.17	220	eP	14 32 58.5	-0.9
GO03	Copiap	4.17	220	eP	14 32 58.5	-0.5
GO03	Copiap	4.17	220	eS	14 33 47.6	-1.0
CYA	Choya	4.20	163	eP	14 32 59.4	+0.1
CYA	Choya	4.20	163	eS	14 33 49.5	+0.4
VCA	Vinchina	4.39	192	eP	14 33 03.8	+1.8
VCA	Vinchina	4.39	192	eP	14 33 50.9	-3.0
PATCX	Punta Patache	4.50	322	eP	14 33 02.4	-0.9
PATCX	Punta Patache	4.50	322	eP	14 33 02.8	-0.5
PATCX	Punta Patache	4.50	322	eS	14 33 45.2	-1.1
PATCX	Punta Patache	4.50	322	iP	14 34 02.4	
TA01	Diego Aracena	4.72	324	eP	14 33 05.0	-1.0
TA01	Diego Aracena	4.72	324	eP	14 33 05.0	-1.0
TA01	Diego Aracena	4.72	324	eS	14 34 00.3	-0.8
TA01	Diego Aracena	4.72	324	iP	14 34 01.8	
HMBC	Humberstone	4.81	328	eP	14 33 05.8	-1.6
TA02	Huaiquique	4.94	326	eP	14 33 08.4	-0.5
GO01	Chusmiza	5.08	338	eP	14 33 10.7	-0.4
GO01	Chusmiza	5.08	338	eS	14 34 11.1	+0.9
AC04	Llanos de Chal	5.13	222	eP	14 33 09.7	-1.6
AC04	Llanos de Chal	5.13	222	eP	14 33 09.9	-1.4
AC04	Llanos de Chal	5.13	222	eS	14 34 08.3	-2.3
AC04	Llanos de Chal	5.13	222	iP	14 34 09.0	
PB11	IPOC Station P	5.16	333	eP	14 33 10.8	-1.2
PB11	IPOC Station P	5.16	333	eS	14 34 10.3	-0.9
AGUA	GUANDACOL	5.18	193	eP	14 33 13.1	+1.0
AGUA	GUANDACOL	5.18	193	eS	14 34 08.3	-3.6
AGUA	GUANDACOL	5.18	193	eP	14 34 13.1	-3.0
AC05	EI Transito	5.19	211	eP	14 33 10.9	-1.3
AC05	EI Transito	5.19	211	eP	14 33 11.7	-0.5
AC05	EI Transito	5.19	211	eS	14 34 05.0	-7.2
AC05	EI Transito	5.19	211	iP	14 34 12.9	
LCO	Las Campanas	5.54	214	eP	14 33 15.4	-1.5
PB12	IPOC Station P	6.47	333	eP	14 33 26.3	-2.7
TICA	Tres Isletas	6.47	109	eP	14 33 27.5	-1.4
GO04	Tololo Observa	6.56	208	eP	14 33 27.8	-2.6
CO03	EI Pedregal	7.10	205	eP	14 33 34.8	-2.5
CO02	Combarbal	9.47	42	eP	14 33 50.9	-1.4
LPZA	La Paz	8.14	354	eP	14 33 51.6	0.0
LPZA	La Paz	8.14	354	eP	14 33 51.8	+0.3
LPZA	La Paz	8.14	354	eS	14 35 20.4	-2.7
LPZA	La Paz	8.14	354	LR	14 37 38.2	
LPZA	La Paz	8.14	354	eP	14 33 48.7	-2.8
CPUP	Villa Florida	9.13	104	eP	14 34 02.3	-1.6
CPUP	Villa Florida	9.13	104	eP	14 34 02.0	-2.0
CPUP	Villa Florida	9.13	104	eP	14 34 02.7	-1.3
BBRB	Robore, Bolivi	9.21	50	eP	14 34 01.3	-3.8
MURT	Porto Murtinou	9.25	75	eP	14 34 03.0	-2.7
BBSD	Serra de San D	9.47	42	eP	14 34 06.2	-2.0
MT09	Talagante	9.89	199	eP	14 34 10.4	-3.7
SIV	San Ignacio	10.17	36	eP	14 34 15.3	-2.4
SIV	San Ignacio	10.17	36	eS	14 35 56.8	-1.4
SIV	San Ignacio	10.17	36	eS	14 35 56.8	-1.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
BDQN	Todoquena, MS	10.44	70	eP	14 34 18.5	-2.8
PSAL	Palomas, Salto	10.73	130	eP	14 34 24.7	-0.8
PSAL	Palomas, Salto	10.73	130	eP	14 34 24.8	-0.8
ITAO	Itaqui	10.78	121	eP	14 34 24.0	-0.4
AQDB	Aquiduauna	11.34	72	eP	14 34 30.5	-2.4
AQDB	Aquiduauna	11.34	72	eP	14 34 30.2	-2.7
PTLB	Pointes de Lacer	11.71	62	eP	14 34 35.7	-2.0
PTLB	Pointes de Lacer	11.71	62	eP	14 34 35.9	-1.8
UNIL	Unistalda (Bra	11.79	116	eP	14 34 37.6	-1.1
RODS	Rosario do Sul	12.19	122	eP	14 34 42.5	-1.2
CRSM	Crissiumal (Br	12.23	107	eP	14 34 43.8	-0.6
TBOT	Tacuarembó	12.30	129	eP	14 34 45.1	0.0
RVIDE	Rio Verde (Bra	12.60	67	eP	14 34 48.9	-0.2
VILB	Vilheina	13.19	31	eP	14 34 55.8	-0.8
VILB	Vilheina	13.19	31	eP	14 34 55.9	-0.8
ALGR	Alto Alegre (B	13.41	112	eP	14 34 59.6	+0.3
CPBS	Capacava Do Su	13.60	119	eP	14 35 00.5	-1.1
SALV	Santo Antonio	13.73	94	eP	14 35 01.4	-2.0
PTGB	Pitangaba	13.73	94	eP	14 35 04.8	+0.8
ITAB	Concordia	13.86	105	eP	14 35 07.2	-0.5
ITAB	Concordia	13.86	105	eP	14 35 05.3	+0.4
PLTB	Pedras Altas	14.05	124	eP	14 35 04.8	-2.5
PLTB	Pedras Altas	14.05	124	eP	14 35 05.6	-1.7
TRQB	Tronquei	14.31	165	eP	14 35 08.1	-1.8
ETMB	Extrema	14.55	4	eP	14 35 12.4	-1.2
LDASE	Londrina, Braz	14.75	89	eP	14 35 15.4	-0.7
GO06	Curarehue	15.54	192	eP	14 35 26.5	+0.2
GO06	Curarehue	15.54	192	iAmb	14 35 29.3	
SAML	Samuel	15.86	15	eP	14 35 28.4	-1.2
PLCA	Paso Flores	16.51	189	eP	14 35 36.7	-0.2
PLCA	Paso Flores	16.51	189	eP	14 35 38.6	+1.2
PLCA	Paso Flores	16.51	189	eP	14 35 38.6	+1.2
PLCA	Paso Flores	16.51	189	eS	14 38 45.9	+3.5
PLCA	Paso Flores	16.51	189	eP	14 35 38.9	+1.5
LL01	San Ignacio de	18.43	192	eP	14 35 58.1	+0.4
LL01	San Ignacio de	18.43	192	iAmb	14 36 03.9	
IPMB	Ipanerá, GO	18.82	74	eP	14 36 01.6	-0.8
SNDB	Serra Nova Dou	19.51	53	eP	14 36 08.5	-1.3
BDFB	Brasília	20.01	68	eP	14 36 13.4	-1.9
NPGB	Novo Progresso	20.67	85	eP	14 36 22.1	-0.2
TEFE	Tefe	20.94	7	eP	14 36 27.0	-0.3
MACA	Manacapurú-AM	22.05	18	eP	14 36 36.0	-0.6
ITTB	Itaituba	22.79	31	eP	14 36 42.0	-1.6
SMTB	Santa Maria do	24.29	54	eP	14 36 56.8	-0.4
BLAV	Boa Vista	27.43	15	eP	14 37 25.3	-0.1
MG03	Monte Castelo	29.49	184	eP	14 37 44.2	-1.0
BELA	Beltrano 2	55.65	172	eP	14 41 14.3	+1.2
BELA	Beltrano 2	55.65	172	iAmb	14 41 15.1	
VNA3	Neumayer Olymp	56.82	161	iP	14 41 22.4	+0.9

PANCS	comp=Z,5µm,1.0s	IAML		15 08 14.1	
LOMA	Loma Larga	3.04 85	iP Pn	15 07 33.8 +0.4	
LOMA			Sn	15 08 10.0 +1.2	
LOMA	comp=Z,3µm,1.0s	IAML		15 08 20.9	
IGN	Direccin Gen	3.04 84	iP Pn	15 07 35.2 +1.7	
IGN			Sn	15 08 09.8 +0.9	
IGN			IAML	15 08 15.3	
ESQI	comp=Z,8µm,1.0s		Pn	15 07 34.5 +0.5	
ESQI	Esquipulas	3.08 68	iP Pn	15 07 34.8 +0.8	
PAVA	Las Pavas	3.27 84	iP Pn	15 07 37.5 +0.9	
PAVA			Sb	15 08 20.3 -4.0	
PAVA	comp=Z,4µm,1.0s	IAML		15 08 25.0	
COEG	Centro de Oper	3.32 86	eP Pn	15 07 38.3 +1.1	
COEG			Sn	15 08 19.4 +3.8	
COEG	comp=Z,2µm,0.4s	IAML		15 08 25.4	
COEG	Centro de Oper	3.32 86	iP Pn	15 07 38.4 +1.2	
COEG			Sn	15 08 18.6 +3.0	
COEG			IAML	15 08 23.5	
UESV	Universidad de	3.41 86	iP Pn	15 07 40.2 +1.7	
UESV			Sn	15 08 20.7 +2.9	
UESV	comp=Z,2µm,1.0s	IAML		15 08 27.7	
TECO	Alcaldia de Te	3.41 87	iP Pn	15 07 39.3 +0.8	
TECO			Sn	15 08 19.7 +1.8	
TECO	comp=Z,1µm,1.0s	IAML		15 08 27.1	
TGBT	Tuxtla Gutierr	3.45 347		15 07 38.7 -0.3	
TGBT			Sn	15 08 15.8 -3.0	
TGBT	Tuxtla Gutierr	3.45 347	eP Pn	15 07 38.7 -0.3	
TGBT			Sb	15 08 19.5 -0.3	
TGIG		3.46 347	eS Pn	15 07 38.9 -0.3	
TGIG			Pn	15 08 17.4 -1.7	
TGIG		3.46 347	eP Pn	15 07 38.9 -0.3	
TGIG			Sn	15 08 17.4 -1.7	
SCLA	Alcaldia de Sa	3.47 85	iP Pn	15 07 40.5 +1.2	
SCLA			Sn	15 08 24.6 +4.6	
SCLA	comp=Z,810nm,1.0s	IAML		15 08 32.6	
POSS	Presa 15 de Se	3.63 86	iP Pn	15 07 42.8 +1.4	
POSS			Sn	15 08 26.4 +3.2	
POSS	comp=Z,660nm,1.0s	IAML		15 08 28.7	
PACA	Pacayal	3.85 88	iP Pn	15 07 45.6 +0.9	
PACA			Sn	15 08 31.8 +2.9	
PACA	comp=Z,15µm,1.0s	IAML		15 08 37.1	
RANC	El Ranchito	3.89 89	iP Pn	15 07 46.2 +1.1	
RANC			Sn	15 08 31.6 +1.8	
RANC	comp=Z,2µm,1.0s	IAML		15 08 38.8	
JUCU	Jucuarjn	3.93 92	iP Pn	15 07 45.7 0.0	
JUCU			Sn	15 08 29.9 -0.9	
JUCU	comp=Z,1µm,1.0s	IAML		15 08 34.6	
BLLM	Bellamira	3.94 89	eP Pn	15 07 46.5 +0.7	
CNRM	Centro Nacional	4.00 88	iP Pn	15 07 49.9 +3.3	
CNRM			IAML	15 08 53.7	
PETF	Flores	4.21 33	eP Pn	15 07 49.8 +0.4	
PETF			Sb	15 07 51.7 +2.3	
PETF		4.21 33	eS Pn	15 08 49.6 +1.5	
PETF			Pn	15 07 50.7 +1.3	
PETF			IAML	15 09 03.7	
LCND	La Caada	4.28 91	iP Pn	15 07 50.9 +0.5	
LCND			IAML	15 07 54.0	
LCND	comp=Z,1µm,1.0s	IAML		15 08 40.7 +1.5	
UXUV	UXUV	4.29 336	eP Pn	15 07 50.4 -0.2	
UXUV			Sn	15 08 31.0 -8.6	
CNCH	Conchagua	4.33 91	eP Pn	15 07 51.1 +0.6	
CNCH	Conchagua	4.33 91	iP Pn	15 07 51.5 +0.3	
CNCH			Sn	15 08 40.8 0.0	
CNCH			IAML	15 08 47.6	
HUIG	Huatulco	4.39 303	Pn	15 07 48.4 -3.5	
HUIG			Sn	15 08 31.1 -1.1	
HUIG	Huatulco	4.39 303	eP Pn	15 07 48.4 -3.5	
HUIG			Sb	15 08 31.1 -1.1	
CMIG	Matias Romero	4.45 326	eP Pn	15 07 51.3 -1.5	
CMIG			Sn	15 08 33.8 -1.0	
CMIG	comp=Z,1.5nm,0.3s,baz=148,slow=12,SNR=224			15 07 50.9 -1.9	
CMIG			Sn	15 08 43.8 +0.3	
CMIG	comp=Z,38nm,0.3s,baz=112,slow=18,SNR=10			15 07 51.3 -1.5	
CMIG			Pn	15 08 33.8 -1.0	
AMPH	Amapala	4.45 326	eP Pn	15 07 54.0 +0.5	
AMPH			Sn	15 08 47.0 +2.3	
AMPH	Amapala	4.50 91	iP Pn	15 07 53.9 0.0	
AMPH			Sn	15 08 45.1 +1.7	
VHSA	Villahermosa	4.61 352	eP Pn	15 07 47.0 -7.9	
VHSA			Sb	15 08 38.6 -8.7	
TGUH	Tegucigalpa,Un	4.91 82	iP Pn	15 07 59.5 +0.3	
TGUH	Tegucigalpa,Un	4.91 82	iP Pn	15 07 59.8 +0.6	
TGUH			IAML	15 08 12.1	
TUIG	Tuzandepet	5.05 336	eP Pn	15 08 00.7 -0.4	
TUIG			Sn	15 08 49.1 -9.2	
CRIN	San Cristobal	5.15 97	iP Pn	15 08 02.2 -0.2	
CRIN	San Cristobal	5.15 97	iP Pn	15 08 02.7 +0.3	
CRIN			IAML	15 09 13.5	
QUEN	AI S del Volca	5.35 98	iP Pn	15 08 05.3 +0.1	
QUEN			IvMB_BB	15 08 08.2	
QUEN	comp=Z,16µm,1.0s	IAML		15 09 02.3 -3.6	
QUEN			Sn	15 09 10.9	
TEL3	Telica 3	5.36 98	iP Pn	15 08 05.4 +0.1	
TEL3			IvMB_BB	15 08 09.6	
TEL3	comp=Z,19µm,1.0s	IAML		15 09 11.9	
PEIG	Puerto Escondi	5.37 299	Pn	15 08 01.9 -3.5	
PEIG			Sn	15 08 54.4 -1.2	
PEIG	Puerto Escondi	5.37 299	eP Pn	15 08 01.9 -3.5	
PEIG			Sb	15 08 54.4 -1.2	
PACN	AI O del Volca	5.43 99	iP Pn	15 08 06.4 +0.2	
PACN			IAML	15 08 10.8	
PACN	comp=Z,1µm,1.0s	IvMB_BB		15 08 10.8	
PACN	comp=Z,21µm,1.0s	IvMB_BB		15 08 10.8	
NEUV	Arroyo Zacate	5.47 322	eP Pn	15 09 05.1 -2.5	
NEUV			Sn	15 08 03.2 -3.5	
NEUV			Sb	15 09 01.9 -7.6	
CNGA	AI SSO del Vol	5.51 99	iP Pn	15 08 06.7 -0.7	
CNGA			IvMB_BB	15 08 08.9	
CNGA	comp=Z,10µm,1.0s	IvMB_BB		15 08 08.9	
CNGA			Sn	15 09 05.2 -4.6	
CNGA			IAML	15 09 17.7	
SOMN	Somoto	5.52 89	iP Pn	15 08 09.0 +1.4	
SOMN			IAMB	15 08 11.0	
SOMN	comp=Z,95nm,0.5s	IvMB_BB		15 08 11.3	
SOMN	comp=Z,4µm,1.0s	IAML		15 08 11.4	
MACN	El Madrono	5.54 99	iP Pn	15 08 08.0 +0.1	
OXIG	Oxabaca	5.64 311	Pn	15 08 08.5 -0.8	
OXIG			Sn	15 09 08.4 -4.7	
SCIG	Sabancuy	5.64 11	eP Pn	15 08 09.7 +0.6	
SCIG			Sb	15 09 06.6 -6.2	
VHO	Vista Hermosa	5.64 311	eP Pn	15 08 08.5 -0.8	
VHO			Sn	15 09 08.4 -4.7	
OCON	Estacion meteo	5.65 87	iP Pn	15 08 09.5 +0.2	
OCON			IAMB	15 08 12.1	
OCON	comp=Z,180nm,0.5s	IvMB_BB		15 08 30.6	
OCON	comp=Z,9µm,1.0s	IAML		15 10 01.7	
OCON	comp=Z,450nm,1.0s	IAML		15 08 09.5 +0.2	
COPN	Copaltepe	5.68 102	iP Pn	15 08 09.5 -0.2	
COPN			IvMB_BB	15 08 13.0	

COPN	comp=Z,330nm,0.6s	IAMB	IAMB	15 08 13.4	
COPN	comp=Z,480nm,1.0s	IAML		15 09 20.4	
BC86	Nagarote	5.69 101	iP Pn	15 08 10.0 +0.2	
BC86			IAML	15 09 03.6	
MOM2	El Cardon	5.73 99	iP Pn	15 08 10.5 +0.1	
MOM2			IvMB_BB	15 08 14.9	
MOM2	comp=Z,3µm,1.0s	IAMB	IAMB	15 08 15.2	
MOM2	comp=Z,210nm,0.8s	IvMB_BB		15 09 11.3 -3.8	
MOM2			Sn	15 09 21.0	
LIMN	Finca el Limon	5.77 93	iP Pn	15 08 10.8 -0.2	
LIMN			IAML	15 08 13.4	
LIMN	comp=Z,670nm,1.0s	IvMB_BB		15 08 13.4	
LIMN	comp=Z,6µm,1.0s	IAMB	IAMB	15 08 13.5	
PMUV	Sontecomapan	5.80 332	eP Pn	15 08 07.7 -3.7	
PMUV			Sb	15 08 08.8 -8.2	
BRAN	Las Pilas	5.82 96	iP Pn	15 08 13.8 +2.2	
BRAN			IvMB_BB	15 09 03.7	
BRAN	comp=Z,57µm,1.0s	IvMB_BB		15 09 17.3 0.0	
BRAN			Sn	15 09 24.6	
SAPS	Ciudad Sandino	5.86 101	iP Pn	15 08 12.4 +0.2	
SAPS			IvMB_BB	15 08 18.1	
SAPS	comp=Z,5µm,1.0s	IAMB	IAMB	15 08 39.2	
SAPS	comp=Z,300nm,0.7s	IvMB_BB		15 09 15.4 -2.9	
SAPS			Sb	15 09 29.2	
APQ3	Volcan Apoyecu	5.88 100	iP Pn	15 08 12.3 0.0	
APQ3			IAMB	15 08 13.7	
APQ3	comp=Z,350nm,0.7s	IvMB_BB		15 09 13.7 -4.9	
APQ3			Sn	15 09 23.4	
APQ3	comp=Z,690nm,1.0s	IvMB_BB		15 08 14.0 +0.6	
APQ3	BB Volcan Apoy	5.95 101	iP Pn	15 08 14.0 +0.6	
APQ3	Laguna Tiscapa	6.00 101	iP Pn	15 08 15.0 +1.0	
APQ3			IAML	15 08 17.3	
TISN	comp=Z,73nm,1.0s	IvMB_BB		15 08 17.3	
TISN	comp=Z,700nm,1.0s	IvMB_BB		15 08 17.4	
TISN			IAMB	15 08 17.4	
CRUN	El Crucero	6.00 103	iP Pn	15 08 12.3 -1.9	
CRUN			IAMB	15 08 20.7	
CRUN	comp=Z,3µm,0.4s	IvMB_BB		15 08 21.8	
CRUN	comp=Z,110µm,1.0s	IvMB_BB		15 09 34.5	
CRUN	comp=Z,10µm,1.0s	IvMB_BB		15 08 17.8 -1.4	
R4DEC	Barrio San Lui	6.02 101	iP Pn	15 08 17.8 -1.4	
R4DEC			Pb	15 08 14.9 +0.6	
R4DEC			IvMB_BB	15 08 17.4	
R4DEC	comp=Z,610nm,1.0s	IvMB_BB		15 08 17.5	
R4DEC	comp=Z,360nm,0.6s	IvMB_BB		15 08 17.5	
R4DEC	comp=Z,570nm,1.0s	IvMB_BB		15 08 20.4	
R4DEC	comp=Z,360nm,1.0s	IvMB_BB		15 08 20.4	
R0529	La Mascota	6.03 101	iP Pn	15 08 14.5 0.0	
R0529			IAMB	15 08 26.4	
R0529	comp=Z,170nm,0.6s	IvMB_BB		15 09 27.8	
R0529	comp=Z,660nm,1.0s	IvMB_BB		15 08 15.5 +0.5	
WILN	Americas 2	6.07 101	iP Pn	15 08 15.5 +0.5	
WILN			IAMB	15 08 41.3	
WILN	comp=Z,180nm,1.4s	IvMB_BB		15 09 13.9	
WILN	comp=Z,4µm,1.0s	IvMB_BB		15 09 19.7 -3.8	
WILN			Sb	15 09 30.8	
WILN	comp=Z,360nm,1.0s	IvMB_BB		15 08 16.9 +1.5	
WILN			Sn	15 08 50.5	
AERN	Aeropuerto Man	6.09 101	iP Pn	15 08 16.5 +0.8	
AERN			IvMB_BB	15 08 17.6	
MAS3	AI N del Volca	6.11 102	iP Pn	15 08 16.5 +0.8	
MAS3			IAMB	15 08 17.6	
MAS3	comp=Z,360nm,0.6s	IvMB_BB		15 09 00.8	
MAS3	comp=Z,15µm,1.0s	IvMB_BB		15 09 28.4	
MAS3	comp=Z,670nm,1.0s	IvMB_BB		15 08 14.3 -1.6	
RB213	Mirador 2 Volc	6.13 103	iP Pn	15 08 14.3 -1.6	
RB213			IvMB_BB	15 08 16.6	
RB213	comp=Z,1µm,1.0s	IvMB_BB		15 08 17.1	
RB213	comp=Z,410nm,0.6s	IvMB_BB		15 08 15.8 -0.4	
YOIG	Yosondua	6.14 305	eP Pn	15 08 15.8 -0.4	
YOIG			Sb	15 09 17.9 -1.0	
YOIG	Yosondua	6.14 305	eP Pn	15 08 15.8 -0.4	
YOIG			Sb	15 09 15.2 -1.0	
PNIG	Pinotepa	6.39 299	eP Pn	15 08 17.1 -2.3	
PNIG			Sb	15 09 19.4 -1.2	
PNIG			Sn	15 08 17.1 -2.3	
PNIG			Sb	15 09 19.4 -1.2	
BOAB	BOABCO BROADBA	52 98	iP Pn	15 08 20.4 -0.6	
BOAB			IvMB_BB	15 08 24.1	
BOAB	comp=Z,170nm,1.0s	IvMB_BB		15 08 29.1	
BOAB	comp=Z,4µm,1.0s	IvMB_BB		15 08 33.4	
TXIG	TLaxiaco	6.54 307	eP Pn	15 08 22.0 +0.3	
TXIG			Sb	15 09 17.9 -7.5	
TXIG	TLaxiaco	6.54 307	eP Pn	15 08 22.0 +0.3	
TXIG			Sb	15 09 27.8 -7.5	
TOIG	Toxpalan	6.56 316	eP Pn	15	

4d 15h

BRAL	Brewton	18.33	14	P	P	15 10 59.1 +0.0
BRAL	Brewton	18.33	14	P	Iamb	15 11 00.9
BRAL	Brewton	18.33	14	P	Pn	15 11 00.3 +1.0
JCT	Junction City	18.36	339	P	Pn	15 11 00.6 +0.8
JCT	Junction City	18.36	339	P	Pn	15 11 01.0 +1.2
JCT	Junction City	18.36	339	P	Pn	15 11 00.6 +0.8
JCT	Junction City	18.36	339	P	pmx	
HPIG	Hawthorne	18.40	319	P	Pn	15 11 01.7 +1.4
NATX	Nacogdoches	18.41	354	P	P	15 11 00.1 +0.1
VBMS	Vicksburg	18.81	5	P	P	15 11 04.2 -0.1
VBMS	Vicksburg	18.81	5	P	P	15 11 05.0 -0.0
TXAR	Lafayette	19.05	328	P	Pn	15 11 08.6 +0.4
TXAR	Lafayette	19.05	328	P	Pn	15 11 08.9 +0.7
TXAR	Lafayette	19.05	328	P	S	15 14 49.4 +7.6
TXAR	Lafayette	19.05	328	P	LR	15 19 59.7
WHTX	Lake Whitney	19.11	346	P	P	15 11 08.0 +0.3
352A	Blakely	19.23	19	Iamb	Iamb	15 11 14.6
143A	Socs Landing	19.24	2	Iamb	Iamb	15 11 12.5
OZNA	Ozona	19.25	336	Iamb	Iamb	15 11 15.5
250A	Grady	19.30	16	Iamb	Iamb	15 11 21.2
146A	Union	19.38	8	Iamb	Iamb	15 11 16.3
FW13	Cleburne	19.45	347	Iamb	Iamb	15 11 15.5
SJOR	San Lorenzo	19.59	135	P	Pn	15 11 16.1 +1.0
RISCA	Rising Star	19.65	114	P	Pn	15 11 17.5 +1.7
TIGA	Tifton	19.66	23	P	P	15 11 14.3 +0.6
Z41A	Richland Creek	19.78	359	Iamb	Iamb	15 11 21.2
ALPN	Alpine	19.89	330	Iamb	Iamb	15 11 23.6
Z38A	Mt. Pleasant	19.93	353	Iamb	Iamb	15 11 20.4
FW06	Azle	20.07	347	Iamb	Iamb	15 11 24.6
LP1G	La Paz	20.09	305	P	Pn	15 11 19.8 -0.7
LP1G	La Paz	20.09	305	P	LR	15 18 32.6
LRAL	Lakeview Retre	20.14	13	P	P	15 11 19.3 +0.4
LRAL	Lakeview Retre	20.14	13	P	Iamb	15 11 22.9
LRAL	Lakeview Retre	20.14	13	P	Pn	15 11 20.3 -0.6
SGCY	Stirling City	20.14	338	Iamb	Iamb	15 11 19.6 +0.6
WLAR	White Oak Lake	20.21	356	Iamb	Iamb	15 11 24.1
ABTX	Abilene, Hawle	20.29	342	P	Pn	15 11 21.9 -0.9
MNHH	Monahey	20.30	333	Iamb	Iamb	15 11 27.1
CCAR	Cane Creek	20.44	1	Iamb	Iamb	15 11 25.4
255A	Hazlehurst	20.52	24	Iamb	Iamb	15 11 25.6
SDDR	Presla de Saban	20.91	72	P	P	15 11 27.5 -0.0
LOOK	Love County	20.98	349	Iamb	Iamb	15 11 31.1
WTF5	Witchita	21.05	346	Iamb	Iamb	15 11 35.3
Y49A	Blount Mountai	21.06	14	Iamb	Iamb	15 11 32.5
MIAR	Mt. Ida	21.09	357	P	P	15 11 30.3 +1.1
OXF	Oxford	21.18	7	Iamb	Iamb	15 11 32.3
OXF	Oxford	21.18	7	P	P	15 11 29.0 -1.2
UOLA	University of	21.29	360	Iamb	Iamb	15 11 36.5
GALR	Godfrey	21.48	20	Iamb	Iamb	15 11 38.0
GOGA	Godfrey	21.48	20	P	P	15 11 32.8 -0.6
DKNS	Dickens	21.66	340	Iamb	Iamb	15 11 45.9
SDV	Santo Domingo	21.70	100	P	P	15 11 36.5 +0.3
PICKL	Pickwick Lake	21.83	9	Iamb	Iamb	15 11 40.7
MNTX	Cornudas Mount	21.83	329	P	P	15 11 38.0 +0.8
WMOK	Wichita Mounta	22.05	346	Iamb	Iamb	15 11 42.3
WMOK	Wichita Mounta	22.05	346	P	P	15 11 38.8 -0.8
X51A	Calhoun	22.13	16	Iamb	Iamb	15 11 45.4
MSTX	Muleshoe	22.59	337	Iamb	Iamb	15 11 49.9
MSTX	Muleshoe	22.59	337	P	P	15 11 45.5 -0.0
LCAR	Lake Charles	22.60	2	Iamb	Iamb	15 11 48.6
W50A	Signal Mountai	22.61	15	Iamb	Iamb	15 11 49.4
TUL3	Leonard	22.64	353	P	P	15 11 45.1 -0.8
DEOK	Depeve	22.67	351	Iamb	Iamb	15 11 47.8
RLO	Rose Lookout	22.81	354	Iamb	Iamb	15 11 50.9
OK031	S. Brethren Rd	22.83	350	Iamb	Iamb	15 11 49.9
W52A	Murphy	22.89	18	Iamb	Iamb	15 11 51.5
AMTX	Amarillo	23.02	340	P	P	15 11 50.4 +0.5
U38A	Gravette	23.02	356	Iamb	Iamb	15 11 53.0
QUOK	Quay	23.03	351	Iamb	Iamb	15 11 51.7
JSC	Jenkinsville	23.07	24	Iamb	Iamb	15 11 52.7
BG3	Lake Jocassee	23.11	20	Iamb	Iamb	15 11 53.6
PAUL	Pauline	23.34	22	Iamb	Iamb	15 11 55.7
TKL	Tuckaleechee C	23.46	18	Iamb	Iamb	15 11 56.6
TKL	Tuckaleechee C	23.46	18	LR	LR	15 22 13.0
T42A	Van Buren	23.57	2	Iamb	Iamb	15 11 57.9
CROK	Carrier	23.57	348	Iamb	Iamb	15 11 56.3
MGMO	Mountain Grove	23.66	0	Iamb	Iamb	15 12 00.2
V52A	Sevierville	23.68	18	Iamb	Iamb	15 12 00.5
OK038	West End	23.71	347	Iamb	Iamb	15 11 59.1
BIRD	Birdtown, Kers	23.71	25	Iamb	Iamb	15 11 58.7
T35A	Sooner Cattle	23.73	352	Iamb	Iamb	15 11 58.9
121A	Cookes Peak, D	23.75	326	Iamb	Iamb	15 12 12.3
121A	Cookes Peak, D	23.75	326	P	P	15 11 59.3 +2.1
319A	Douglas	23.76	322	Iamb	Iamb	15 12 09.6
V53A	Saluda	23.76	19	Iamb	Iamb	15 11 59.7
KMSC	Kings Mountain	23.81	23	P	P	15 11 57.3 -0.2
OK032	Salt Plains WL	23.91	348	Iamb	Iamb	15 11 60.0
CGM3	Cape Girardeau	23.92	5	Iamb	Iamb	15 12 15.1

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KAN13	South Haven SW	23.98	350	Iamb	Iamb	15 12 01.2
KAN14	Manchester OK	24.01	349	Iamb	Iamb	15 12 01.7
KAN17	Caldwell West	24.06	349	Iamb	Iamb	15 12 01.4
X58A	Rowland	24.11	27	Iamb	Iamb	15 12 02.4
KAN01	Argonia South	24.16	349	Iamb	Iamb	15 12 03.1
BAUV	EI Baul	24.18	98	P	P	15 12 01.3 -0.0
S39A	Bolivar	24.21	38	Iamb	Iamb	15 12 02.5
KAN06	Argonia West S	24.27	349	Iamb	Iamb	15 12 03.8
W57A	Gilead	24.34	25	Iamb	Iamb	15 12 07.1
TZWT	Tazewell	24.35	17	P	P	15 12 02.2 -0.3
Y22N	IRIS PASCAL I	24.50	330	P	P	15 12 06.4 +2.3
CCM	Cathedral Cave	24.58	2	P	P	15 12 04.7 +0.1
CCM	Cathedral Cave	24.58	2	P	P	15 12 04.4 -0.2
CCM	Cathedral Cave	24.58	2	P	pmx	
ATAH	Atalpa	24.62	145	LR	LR	15 18 45.5
R40A	Maddies Station	24.80	0	Iamb	Iamb	15 12 08.8
ANMO	Albuquerque	24.99	332	P	Iamb	15 12 10.1 +1.4
ANMO	Albuquerque	24.99	332	P	Iamb	15 12 15.2
ANMO	Albuquerque	24.99	332	P	P	15 12 10.0 +1.4
ANMO	Albuquerque	24.99	332	LR	LR	15 23 26.3
ANMO	Albuquerque	24.99	332	P	P	15 12 10.1 +1.4
ANMO	Albuquerque	24.99	332	P	pmx	
WCI	Wyandotte Cave	25.30	11	P	P	15 12 10.6 -0.5
WCI	Wyandotte Cave	25.30	11	P	P	15 12 10.8 -0.3
WCI	Wyandotte Cave	25.30	11	P	P	15 12 10.6 -0.5
WCI	Wyandotte Cave	25.30	11	P	pmx	
TUC	Tucson	25.32	321	P	P	15 12 13.2 +1.7
TUC	Tucson	25.32	321	P	P	15 12 11.7 +0.2
TUC	Tucson	25.32	321	P	P	15 12 13.2 +1.7
TUC	Tucson	25.32	321	P	pmx	
CNCC	Cliffs of the	25.34	28	P	P	15 12 11.4 -0.1
R50A	Paris	25.77	15	Iamb	Iamb	15 12 16.9
HUMP	Col San Antoni	25.86	76	P	P	15 15 46.2 +0.9
KSU1	Kansas State U	25.89	352	P	P	15 12 16.4 -0.0
BLA	Blacksburg	25.98	22	Iamb	Iamb	15 12 21.6
BLA	Blacksburg	25.98	22	P	P	15 12 16.9 -0.4
T25A	Trinidad	26.01	337	Iamb	Iamb	15 12 25.8
P40A	Paris	26.03	0	Iamb	Iamb	15 12 21.5
P38A	Dawn	26.15	358	Iamb	Iamb	15 12 22.1
CBKS	Cedar Bluff	26.16	347	P	P	15 12 19.4 +0.4
S54A	Dingess, Beckl	26.20	20	Iamb	Iamb	15 12 21.7
T57A	Hurt	26.24	24	Iamb	Iamb	15 12 21.9
P43A	Klaggs Pawnee	26.26	5	Iamb	Iamb	15 12 22.0
W14A	Organ Pipe Nat	26.37	318	P	P	15 12 22.9 +1.9
218A	Petrified Fore	26.76	327	P	P	15 12 26.4 +1.8
P49A	Miami Univ. Ec	26.88	13	Iamb	Iamb	15 12 27.0
P49A	Miami Univ. Ec	26.88	13	P	P	15 12 24.9 -0.5
T59A	Double "B" Far	26.93	27	Iamb	Iamb	15 12 27.8
SDCO	Great Sand Dun	26.96	336	Iamb	Iamb	15 12 32.5
SDCO	Great Sand Dun	26.96	336	P	P	15 12 28.6 +2.1
R55A	Marlington	27.04	21	Iamb	Iamb	15 12 29.8
KSCO	Key Shedlock	27.11	342	P	P	15 12 28.0 +0.4
HDIL	Hopedale	27.18	5	P	P	15 12 27.6 -0.6
N41A	Hart Midland	27.24	2	Iamb	Iamb	15 12 31.6
PCRV	Puerto La Cruz	27.25	94	LR	LR	15 24 36.8
SFIN	Lafayette	27.26	9	P	P	15 12 27.4 -1.4
O48B	Farmland	27.48	12	P	P	15 12 29.7 -1.1
N35A	Tabor	27.52	354	Iamb	Iamb	15 12 38.8
R58B	Mineral	27.62	25	Iamb	Iamb	15 12 34.1
P52A	Corning	27.63	17	Iamb	Iamb	15 12 35.7
P52A	Corning	27.63	17	P	P	15 12 32.3 +0.2
P53A	Whipple	27.71	18	Iamb	Iamb	15 12 35.0
MVCO	Mesa Verde	27.79	331	P	P	15 12 36.1 +2.2
Q24A	Divide	27.90	338	P	P	15 12 35.0 +0.1
WUAZ	Wupatki	27.95	325	P	P	15 12 37.1 +1.8
ACSO	Alum Creek Sta	27.95	15	P	P	15 12 34.9 -0.2
N47A	Urbana	27.98	11	Iamb	Iamb	15 12 40.6
CBN	Corbin Frederi	28.04	26	P	P	15 12 35.3 -0.5
Q56A	Snyder Ridge	28.05	22	Iamb	Iamb	15 12 52.2
N49A	Columbus Grove	28.32	13	Iamb	Iamb	15 12 40.9
MCWV	Mont Chateau	28.37	20	Iamb	Iamb	15 12 41.5
MCWV	Mont Chateau	28.37	20	P	P	15 12 38.6 -0.1
BGNE	Belgrade	28.38	351	P	P	15 12 38.7 -0.1
SCIA	State Center	28.42	359	P	P	15 12 39.7 +0.5
O53A	New Philadelph	28.46	18	Iamb	Iamb	15 12 41.9
O53A	New Philadelph	28.46	18	P	P	15 12 40.1 +0.6
L40A	Anamosa	28.58	2	Iamb	Iamb	15 12 42.6
C						

R11B	Troy Canyon, C	32.33 324	P	P	15 13 15.5 +1.5
GRAC	Grapevine Rang	32.48 321	I	Amb	15 13 38.5
GRAC	Grapevine Rang	32.48 321	P	P	15 13 17.7 +2.5
CWC	Cottonwood Cre	32.58 319	P	P	15 13 17.9 +1.8
PKM	Mcpherson Peak	32.81 315	P	P	15 13 19.0 +0.8
PDAR	Pinedale Array	32.86 336	P	P	15 13 19.0 +0.4
PDAR	Pinedale Array	32.86 336	P	P	15 13 18.3 -0.3
PDAR	Pinedale Array	32.86 336	P	P	15 16 03.0 0.0
BW06	Boulder Array	32.86 336	P	P	15 13 19.9 +1.3
YES	Vestal, Richgr	32.87 318	P	P	15 13 19.8 +1.3
TPH	Topnah	33.09 322	I	Amb	15 13 32.3
SADO	Sadowa	33.22 17	I	Amb	15 13 22.4
SADO	Sadowa	33.22 17	LR	LR	15 27 22.0
BOAV	Boa Vista	33.25 106	P	P	15 13 22.1 0.0
BOAV	Boa Vista	33.25 106	P	P	15 13 25.2
BOAV	Boa Vista	33.25 106	eP	P	15 13 22.4 +0.3
J56A	Renssen	33.25 23	I	Amb	15 13 23.4
VOG	Valley Oaks Gs	33.34 318	P	P	15 13 23.8 +1.2
HVU	Hansel Valley	33.43 332	I	Amb	15 13 26.8
AHID	Auburn Hatcher	33.48 334	I	Amb	15 13 39.2
E46A	South Ste Mari	33.55 10	I	Amb	15 13 27.1
L61B	Narhtung	33.56 27	P	P	15 13 24.7 +0.2
J59A	Piesco	33.64 24	I	Amb	15 13 28.3
MLAC	Mammoth, Mammo	33.79 320	P	P	15 13 27.6 +0.8
M65A	Busby, Falmout	33.80 30	P	P	15 13 26.4 -0.1
ELK	Elko	33.85 328	I	Amb	15 13 35.4
ELK	Elko	33.85 328	LR	LR	15 28 18.7
NV11	Mina Array Sit	33.88 322	I	Amb	15 13 31.2
ACCN	Adirondack Com	33.91 25	I	Amb	15 13 29.1
NVAR	Mina Array Bea	33.97 322	P	P	15 13 30.0 +1.6
NVAR	Mina Array Bea	33.97 322	P	P	15 13 29.8 +1.5
NVAR	Mina Array Bea	33.97 322	P	P	15 16 06.4 +0.2
NVAR	Mina Array Bea	33.97 322	LR	LR	15 29 19.5
LOHW	Long Hollow	33.98 336	I	Amb	15 13 40.5
HRV	Adam Dzewonski	34.11 28	P	P	15 13 28.2 -1.0
HRV	Adam Dzewonski	34.11 28	P	P	15 13 29.0 -0.2
HRV	Adam Dzewonski	34.11 28	P	P	15 13 28.2 -1.0
HRV	Adam Dzewonski	34.11 28	P	P	15 13 28.2 -1.0
MOOV	Moose Ponds	34.15 336	I	Amb	15 13 35.7
FXWY	Fox Creek	34.17 335	I	Amb	15 13 42.1
NCB	Newcomb	34.18 23	I	Amb	15 13 31.8
KVN	Kaiserville	34.25 323	I	Amb	15 13 42.4
J61A	Chester	34.34 26	I	Amb	15 14 23.1
IMW	Indian Meadow	34.35 336	I	Amb	15 13 44.5
FLWY	Flagg Ranch	34.41 336	I	Amb	15 13 44.7
EYMN	Ely	34.45 1	P	P	15 13 32.6 +0.5
LONY	Lake Ozonia	34.59 22	I	Amb	15 13 35.6
LONY	Lake Ozonia	34.59 22	P	P	15 13 33.6 +0.2
ETMB	Extrema	34.66 130	P	P	15 13 33.0 -1.3
ETMB	Extrema	34.66 130	eP	P	15 13 33.9 -0.4
WBO	Williamsburg	34.67 21	I	Amb	15 13 36.3
RLMT	Red Lodge	34.77 339	I	Amb	15 13 39.6
RLMT	Red Lodge	34.77 339	P	P	15 13 35.6 +0.5
YFT	Old Faithful	34.77 336	I	Amb	15 13 42.4
B35A	Bob, Littlefor	34.88 358	I	Amb	15 13 38.7
MDND	Maddock	34.89 351	P	P	15 13 36.1 +0.2
AGMN	Agassiz Nation	34.92 356	P	P	15 13 38.1 +1.9
VT1	Waterbury	35.06 25	I	Amb	15 13 39.8
PNTR	Pine Nut	35.17 322	I	Amb	15 13 49.0
LAO	Las Ara Val	35.20 343	P	P	15 13 41.0 +2.3
I62A	Tamworth	35.29 27	I	Amb	15 13 41.3
LBNH	Lisboa	35.33 26	P	P	15 13 41.6 +1.8
EMB	Emerald Bay	35.41 321	I	Amb	15 13 44.4
MACA	Manacapurua-AM	35.46 112	eP	P	15 13 41.5 +0.7
MPK	Martis Peak	35.51 322	I	Amb	15 13 45.8
HLID	Hailey	35.57 332	P	P	15 13 43.5 +1.4
MNTQ	Montreal, Queb	35.70 23	I	Amb	15 13 45.1
I63A	Otisfield	35.76 27	I	Amb	15 13 46.0
BOZ	Bozeman (W)	36.04 337	I	Amb	15 13 52.1
BOZ	Bozeman (W)	36.04 337	P	P	15 13 48.0 +2.0
DGMT	Dagmar	36.34 347	I	Amb	15 13 59.6
DGMT	Dagmar	36.34 347	P	P	15 13 49.7 +1.3
SAML	Samuel	36.44 126	P	P	15 13 48.0 -1.6
SAML	Samuel	36.44 126	P	P	15 13 48.0 -1.6
SAML	Samuel	36.44 126	eP	P	15 13 48.4 -1.1
G62A	West of Eustis	36.71 26	I	Amb	15 13 53.5
WVOR	Wild Horse Val	36.84 327	I	Amb	15 14 04.7
PKME	Peaks-Kenny Pk	37.28 27	I	Amb	15 13 58.2
PKME	Peaks-Kenny Pk	37.28 27	P	P	15 13 57.3 +0.9
HATC	Hat Creek Radi	37.37 322	I	Amb	15 14 16.5
EGMT	Eagleton	37.46 341	I	Amb	15 14 02.4
EGMT	Eagleton	37.46 341	P	P	15 13 59.4 +1.4
F63A	Nahmakanta, Br	37.71 27	I	Amb	15 14 01.5
LPAZ	La Paz	37.95 140	P	P	15 14 02.4 -0.7
LPAZ	La Paz	37.95 140	P	P	15 14 02.3 -0.7
LPAZ	La Paz	37.95 140	P	P	15 29 31.2
LPAZ	La Paz	37.95 140	P	P	15 14 02.4 -0.7
LPAZ	La Paz	37.95 140	P	P	15 14 02.4 -0.7

LPAZ	La Paz	37.95 140	eP	P	15 14 00.9 -2.2
MSO	Missoula	37.97 336	P	P	15 14 04.1 +1.8
F64A	Sherman	38.17 27	I	Amb	15 14 05.5
GGN	Saint George	38.30 29	I	Amb	15 14 07.5
KMRM	Mail Ridge	38.38 320	I	Amb	15 14 18.0
YBH	Yreka Blue Hor	38.67 323	LR	LR	15 31 11.7
F04D	Chiloquin, OR	38.68 324	I	Amb	15 14 17.9
K10A	Beaumont, OR	38.71 332	I	Amb	15 14 17.6
KMPM	Mount Pierce	38.75 320	I	Amb	15 14 14.3
KHMM	Horse Mountain	38.77 321	I	Amb	15 14 12.0
D62A	Allapoint, AI	38.81 25	I	Amb	15 14 11.7
JCC	Jacoby Creek	38.82 321	I	Amb	15 14 13.4
PQI	Presque Isle	38.94 27	I	Amb	15 14 11.9
KRPM	Rodgers	39.12 321	I	Amb	15 14 15.2
LMN	Galtonia Moun	39.82 30	I	Amb	15 14 19.9
KBO	Bosley Butte	39.86 322	I	Amb	15 14 21.3
MDP	Mognes des	39.94 98	LR	LR	15 32 39.8
GO01	Chumzisa	39.95 145	P	P	15 14 20.2 +0.6
G05A	Wamic	40.18 328	I	Amb	15 14 29.3
H04A	Detrol Lake	40.26 327	I	Amb	15 14 29.5
J01E	Myrtle Point	40.42 324	I	Amb	15 14 32.6
BATG	Bathurst New B	40.27 28	P	P	15 14 20.5 -0.9
BATG	Bathurst New B	40.27 28	P	P	15 14 23.7
ITTB	Itituba	40.35 113	eP	P	15 14 21.6 -0.9
BUCK	Buck Mountain	40.38 325	I	Amb	15 14 24.4
H04D	LeBaron, WI	40.45 326	I	Amb	15 14 33.8
NEW	Newport	40.42 334	LR	LR	15 33 17.1
NEW	Newport	40.42 334	LR	LR	15 33 17.1
H04D	LeBaron, WI	40.45 326	I	Amb	15 14 33.8
G03D	McMinville, WI	41.19 326	I	Amb	15 14 37.5
WILB	Wilhelmina	41.19 128	P	P	15 14 28.2 -1.2
WILB	Wilhelmina	41.19 128	eP	P	15 14 29.4 0.0
F03A	Seaside	41.81 327	I	Amb	15 14 43.1
D05A	Enumclaw	41.85 330	I	Amb	15 14 42.3
NPGB	Novo Progresso	41.92 117	eP	P	15 14 34.0 -1.5
FFC	Fino Flon	41.93 352	P	P	15 14 35.1 +0.1
FFC	Fino Flon	41.93 352	P	P	15 14 37.6
FFC	Fino Flon	41.93 352	P	P	15 14 35.1 +0.1
FFC	Fino Flon	41.93 352	P	P	15 14 37.6
MCPB	Macapa, AP	42.14 106	eP	P	15 14 36.6 -0.7
SIV	San Ignacio	42.48 132	LR	LR	15 31 54.6
GNW	Green Mountain	42.53 329	P	P	15 14 40.1 +0.1
WISH	Wishkah	42.70 328	I	Amb	15 15 23.9
PDRB	Porto dos Gac	43.14 124	eP	P	15 14 43.7 -1.6
CLDB	Colider	43.50 122	eP	P	15 14 37.0 -1.3
PTLB	Pontes e Lacer	43.55 130	eP	P	15 14 47.3 -1.3
PTLB	Pontes e Lacer	43.55 130	eP	P	15 14 48.0 -0.6
PGC	Sidney	43.57 330	I	Amb	15 14 55.6
BBSD	Serra da Boa	44.31 133	eP	P	15 14 48.4 -0.7
CLRS	Cowichan Lake	44.02 330	I	Amb	15 14 59.6
OZB	Mount Ozzard	44.78 329	I	Amb	15 15 06.1
BBSB	Serra da Boa	44.90 134	eP	P	15 14 57.9 -1.5
CBB	Campbell River	45.43 330	P	P	15 15 04.8 +1.5
DRLN	Deer Lake	45.77 31	P	P	15 15 05.0 -0.8
SCHO	Schefferville	45.88 20	P	P	15 15 04.8 -1.9
SCHO	Schefferville	45.88 20	P	P	15 15 08.0
SCHO	Schefferville	45.88 20	P	P	15 15 04.4 -2.3
SCHO	Schefferville	45.88 20	P	P	15 15 04.4 -2.3
SCHO	Schefferville	45.88 20	P	P	15 16 43.0 -0.5
SCHO	Schefferville	45.88 20	P	P	15 34 55.1
SALV	Santo Antonio	46.44 128	eP	P	15 15 11.1 -0.5
PRPB	Paravaca, BR	46.44 112	eP	P	15 15 17.0 -1.3
SNDR	Serra Nova Dou	47.83 120	eP	P	15 15 22.3 -0.2
BDQN	Bodoquena, MS	48.50 133	eP	P	15 15 26.7 -0.9
RVDE	Rio Verde (Bra	48.91 130	eP	P	15 15 30.1 -0.6
ARAG	Araguaiana, MT	49.38 125	eP	P	15 15 33.8 -0.8
SMTB	Santa Maria do	49.55 114	eP	P	15 15 36.0 0.0
DIB	Davon Inlet	50.87 330	I	Amb	15 15 52.2
YKA	Yellowknife Ar	51.55 347	P	P	15 15 50.5 +0.4
YKA	Yellowknife Ar	51.55 347	P	P	15 15 49.1 -1.0
YKA	Yellowknife Ar	51.55 347	P	P	15 15 50.5 +0.4
YKA	Yellowknife Ar	51.55 347	P	P	15 15 49.1 -1.0
YKA	Yellowknife Ar	51.55 347	P	P	15 17 00.6 -0.2
YKA	Yellowknife Ar	51.55 347	P	P	15 17 00.6 -0.2
TOAD	Toad River Com	51.60 339	P	P	15 15 51.2 +0.6
V35K	Ketchikan	51.75 333	I	Amb	15 16 00.8
V35K	Ketchikan	51.75 333	P	P	15 15 53.2 +1.4
CPUP	Villa Florida	52.10 139	P	P	15 15 52.7 -2.0
CPUP	Villa Florida	52.10 139	P	P	15 15 53.3 -1.1
CPUP	Villa Florida	52.10 139	P	P	15 38 57.4
CPUP	Villa Florida	52.10 139	P	P	15 15 52.7 -2.0
CPUP	Villa Florida	52.10 139	P	P	15 15 52.7 -2.0
T35M	Bob Quinn	52.22 335	I	Amb	15 16 03.1
T35M	Bob Quinn	52.22 335	P	P	15 15 57.7 +2.4
BDFB	Brasilia	52.43 122	P	P	15 15 54.9 -2.6
CRAG	Craig	52.52 332	I	Amb	15 16 06.1
CRAG	Craig	52.52 332	P	P	15 15 59.9 +2.1
WRAK	Wrangell Island	52.75 333	P	P	15 16 01.0 +1.9
U33K	Whale Pass	52.91 333	P	P	15 16 02.3 +2.0
FRB	Froebisher Bay	52.96 13	LR	LR	15 39 53.3
DLBC	Dease Lake	53.09 336	I	Amb	15 16 09.9
DLBC	Dease Lake	53.09 336	P	P	15 16 04.2 +2.4
DLBC	Dease Lake	53.09 336	LR	LR	15 42 57.5
S34M	Telegraph Cree	53.19 335	I	Amb	15 16 10.6
S34M	Telegraph Cree	53.19 335	P	P	15 16 04.9 +2.6
IPMB	Ipameri, GO	53.50 125	eP	P	15 16 03.8 -1.6
SDBA	SAO DESIDERIO	53.52 117	eP	P	15 16 05.5 0.0
WTLY	Walla Lake, Y	53.78 338	P	P	15 16 08.8 +2.1
R33M	Jennings River	54.09 337	I	Amb	15 16 16.8
R33M	Jennings River	54.09 337	P	P	15 16 11.4 +2.2
S32K	Killisnoo	54.36 333	P	P	15 16 12.8 +1.9
WRGLY	Wrigley	54.39 343	P	P	15 16 12.5 +1.5

SIT	Sitka	54.45 333	P	P	15 16 13.2 +1.6
TGTN	Hyland Airport	54.59 340	P	P	15 16 14.9 +2.3
R32K	Eaglecrest	54.82 334	P	P	15 16 16.1 +1.8
JANB	Januaría	55.25 119	eP	P	15 16 17.8 -0.2
P32M	Atlin	55.30 337	P	P	15 16 19.3 +1.5
P33M	Teslin, Yukon	55.34 337	I	Amb	15 16 25.6
P33M	Teslin, Yukon	55.34 337	P	P	15 16 19.7 +1.6

4d 15h

M26K	Nabesna, AK	60.61 336	P	P	15 16 56.1 +1.1
G30M	tAoh Zraii Nji	60.84 342	P	P	15 16 58.6 +2.1
N25K	Chitina Valde	60.88 334	Iamb	Iamb	15 16 59.9
N25K	Chitina, Valde	60.88 334	P	P	15 16 58.9 +2.0
EYAK	baz=118,SNR=11	60.90 333	P	P	15 16 58.7 +1.9
INAK	Cordova Ski Ar	60.94 344	Iamb	Iamb	15 16 59.0
INAK	baz=111,SNR=8.0	60.94 344	Iamb	Iamb	15 16 59.0
INAK	comp=Z,26nm,1.0s	60.94 344	P	P	15 16 57.6 +0.6
INAK	baz=133,SNR=17	60.94 344	LR	LR	15 48 11.0
H29M	Inuvik	61.05 340	Iamb	Iamb	15 16 60.0
H29M	Whitestone	61.05 340	Iamb	Iamb	15 16 60.0
H29M	Log Cabin Wild	61.05 340	Iamb	Iamb	15 16 58.5 +0.7
L26K	Log Cabin Wild	61.07 336	Iamb	Iamb	15 17 00.6
L26K	comp=Z,24nm,1.3s	61.07 336	P	P	15 16 59.4 +1.3
K27K	Log Cabin Wild	61.10 337	P	P	15 16 60.0 +1.8
F30M	Chicken	61.12 342	P	P	15 16 58.7 +0.5
I28M	Barrier River	61.12 339	P	P	15 16 58.4 +0.0
EGAK	Miner Creek	61.17 338	Iamb	Iamb	15 17 00.1
EGAK	Eagle	61.17 338	P	P	15 16 59.1 +0.5
EGAK	comp=Z,20nm,1.1s	61.17 338	P	P	15 16 59.1 +0.5
RES	Eagle	61.30 359	Iamb	Iamb	15 17 00.9
RES	Resolute Bay	61.30 359	LR	LR	15 45 44.9
RES	comp=Z,19nm,0.8s	61.30 359	LR	LR	15 45 44.9
FID	Port Fidalgo	61.31 333	Iamb	Iamb	15 17 02.5
G29M	comp=Z,174nm,21.9s	61.31 333	Iamb	Iamb	15 17 02.0
G29M	Pine Creek	61.35 341	P	P	15 17 00.9 +1.0
G29M	comp=Z,22nm,1.1s	61.35 341	P	P	15 17 00.9 +1.0
KLU	Pine Creek	61.40 334	Iamb	Iamb	15 17 03.0
KLU	Klutina	61.40 334	P	P	15 17 02.0 +1.6
P23K	Klutina	61.40 332	P	P	15 17 01.8 +1.5
HARP	Montague Islan	61.49 335	P	P	15 17 02.5 +1.6
M24K	HAARP	61.78 334	P	P	15 17 04.5 +1.5
I27K	Tolsona, Glenn	61.78 339	P	P	15 17 03.7 +0.8
A36M	Kandik River	61.78 349	Iamb	Iamb	15 17 13.5
A36M	Sachs Harbour	61.78 349	P	P	15 17 03.3 +0.7
SCRK	comp=Z,23nm,0.8s	61.78 349	P	P	15 17 03.3 +0.7
PAX	Sachs Harbour	61.80 337	P	P	15 17 04.1 +1.0
J26L	Sand Creek	61.89 336	P	P	15 17 04.5 +0.9
H27K	Paxson	61.90 337	P	P	15 17 04.7 +1.0
SCM	Joseph Creek	62.10 340	P	P	15 17 06.2 +1.2
SCM	Steamboat Moun	62.15 334	Iamb	Iamb	15 17 28.5
SCM	comp=Z,24nm,1.1s	62.15 334	Iamb	Iamb	15 17 06.2 +0.8
E29M	Sheep Creek Mo	62.15 338	P	P	15 17 06.3 +0.9
M23K	Coal Creek Min	62.23 343	P	P	15 17 07.1 +1.4
F28M	Blow River	62.30 334	P	P	15 17 07.0 +0.7
SEW	Glacier View	62.35 341	P	P	15 17 08.0 +1.3
K24K	Old Crow	62.38 332	P	P	15 17 07.3 +0.4
KNK	Seward	62.40 336	P	P	15 17 07.8 +0.8
G27K	Donnelly Dome	62.46 333	P	P	15 17 08.3 +0.9
G27K	Knik Glacier	62.46 340	Iamb	Iamb	15 17 09.3
G27K	comp=Z,16nm,1.2s	62.46 340	Iamb	Iamb	15 17 08.2 +0.8
SML	Doyon Strip	62.57 334	P	P	15 17 08.3 0.0
J25K	Doyon Strip	62.57 337	Iamb	Iamb	15 17 13.1
J25K	Salcha River,	62.63 337	P	P	15 17 09.6 +1.0
WAT6	Salcha River,	62.65 335	P	P	15 17 09.5 +0.6
O22K	Salcha River,	62.66 332	P	P	15 17 09.1 +0.4
DHY	Susitna Watana	62.71 335	P	P	15 17 09.9 +0.7
GHO	Cooper Landing	62.81 333	Iamb	Iamb	15 17 20.9
PMR	Denali Highway	62.83 333	P	P	15 17 10.4 +0.6
E28M	Glory Hole Cre	62.84 342	Iamb	Iamb	15 17 11.7
E28M	comp=Z,24nm,0.8s	62.84 342	P	P	15 17 10.6 +0.8
BRSE	Babbage River	62.85 331	P	P	15 17 10.7 +0.6
RC01	Bradley Lake S	62.90 333	Iamb	Iamb	15 17 22.0
RC01	Rabbit Creek A	62.90 333	P	P	15 17 11.2 +0.9
BRLK	Rabbit Creek A	62.93 331	Iamb	Iamb	15 17 19.0
CNPM	Bradley Lake	62.93 331	Iamb	Iamb	15 17 13.3
D28M	China Poot	63.05 343	P	P	15 17 12.7 +1.5
KDAK	Stokes Point	63.09 329	P	P	15 17 11.9 +0.3
KDAK	comp=Z,29nm,1.2s	63.09 329	P	P	15 17 19.9
KDAK	Kodiak Island	63.09 329	P	P	15 17 12.8 +1.2
KDAK	comp=Z,40nm,1.4s	63.09 329	P	P	15 17 11.7 +0.1
WAT1	Kodiak Island	63.09 329	P	P	15 17 11.9 +0.3
PRP	comp=Z,48nm,1.5s	63.13 338	Iamb	Iamb	15 17 14.0
PRP	Susitna Watana	63.13 338	P	P	15 17 12.8 +0.9
HDA	Porcupine Dome	63.13 337	Iamb	Iamb	15 17 13.6
HDA	comp=Z,49nm,1.5s	63.14 337	P	P	15 17 12.5 +0.6
E27K	Harding Lake	63.22 341	P	P	15 17 13.4 +1.1
G26K	Harding Lake	63.25 340	P	P	15 17 12.8 +0.2
YOI	Bradley Lake	63.26 329	Iamb	Iamb	15 17 15.0
S2K	Shuyak Island	63.26 329	P	P	15 17 14.2 +1.4
OHAK	Shuyak Island	63.27 328	Iamb	Iamb	15 17 15.1
OHAK	Old Harbor	63.27 328	P	P	15 17 13.4 +0.5
IL3I	Old Harbor	63.28 337	Iamb	Iamb	15 17 14.6
ILAR	comp=Z,32nm,1.0s	63.28 337	P	P	15 17 12.6 -0.2
ILAR	Eielson Array	63.28 337	LR	LR	15 46 37.2
ILAR	comp=Z,16nm,1.0s	63.28 337	LR	LR	15 46 37.2
M22K	Willow	63.33 333	P	P	15 17 14.1 +1.0
SUA	Susitna One	63.49 333	P	P	15 17 15.6 +1.2
FYU	Fort Yukon	63.55 339	Iamb	Iamb	15 17 16.7
SII	Sitkinan Islan	63.55 327	P	P	15 17 16.0 +1.2
H25L	Birch Creek	63.60 339	P	P	15 17 16.2 +1.3

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MCK	baz=119,SNR=18	63.63 335	P	P	15 17 15.8 +0.7
D27M	McKinley	63.63 343	Iamb	Iamb	15 17 17.5
D27M	Malcolm River	63.63 343	P	P	15 17 16.4 +1.3
CUT	Malcolm River	63.64 334	P	P	15 17 16.1 +0.9
POKR	Chulitna	63.65 337	Iamb	Iamb	15 17 17.0
POKR	Poker Plat Res	63.65 337	P	P	15 17 16.0 +0.7
COLA	comp=Z,17nm,1.0s	63.70 337	d/P	d/P	15 17 15.8 +0.3
COLA	College	63.70 337	d/P	d/P	15 17 15.8 +0.3
F26K	comp=Z,24nm,1.0s	63.76 340	P	P	15 17 16.8 +0.8
F26K	Shenjek River	63.88 337	Iamb	Iamb	15 17 23.2
G25K	Whitford Dome	63.95 339	P	P	15 17 18.5 +1.4
R18K	comp=Z,17nm,1.2s	63.98 328	P	P	15 17 17.6 +0.1
Q19K	Beaman Lake	63.98 330	P	P	15 17 18.2 +0.7
P19K	baz=119,SNR=11	64.01 330	P	P	15 17 18.8 +1.0
SKT	Karluk	64.03 333	P	P	15 17 18.6 +0.7
NEA2	Skwentna	64.05 336	Iamb	Iamb	15 17 19.4
NEA2	Nenana	64.05 336	P	P	15 17 18.2 +0.3
N20K	comp=Z,16nm,1.1s	64.05 332	P	P	15 17 18.4 +0.3
TRF	Mount Spurr	64.06 335	P	P	15 17 18.7 +0.5
F25K	Thorfare Moun	64.20 340	P	P	15 17 20.4 +1.5
KTH	Christian River	64.37 335	Iamb	Iamb	15 17 21.5
PPT	Kanitsa Hill	64.37 343	LR	LR	15 39 15.9
PPT2	Papeete	64.38 243	eS	S	15 25 56.7 -0.9
PPT2	comp=Z,146nm,18.1s	64.38 243	eS	S	15 25 56.7 -0.9
PPT2	comp=Z,20nm,25.5s	64.38 243	eLR	LR	15 36 27.5
PPT2	comp=Z,199nm,22.5s	64.38 243	eLR	LR	15 36 27.5
I23K	comp=Z,225nm,22.0s	64.40 337	P	P	15 17 21.1 +1.0
BPWA	Minto, Yukon-K	64.61 335	Iamb	Iamb	15 17 23.0
BPWA	Bear Paw Mtn.	64.61 335	P	P	15 17 21.8 +0.2
PPLA	comp=Z,7nm,0.9s	64.63 334	P	P	15 17 22.1 0.0
C27K	Purkeypile	64.65 342	P	P	15 17 23.2 +1.4
M20K	baz=113,SNR=16	64.70 333	P	P	15 17 23.0 +0.6
ICESG	Styx River	64.73 18	i/P	Iamb	15 17 24.0 +1.3
ICESG	Greenland Ices	64.73 18	i/P	Iamb	15 17 28.0
H23K	comp=Z,4nm,1.0s	64.75 337	Iamb	Iamb	15 17 24.6
H23K	Yukon River	64.75 337	P	P	15 17 22.8 +0.3
CAST	comp=Z,44nm,1.9s	64.80 335	Iamb	Iamb	15 17 24.0
CAST	Castle Rocks	64.80 335	P	P	15 17 22.9 0.0
MLY	comp=Z,21nm,1.0s	64.88 336	Iamb	Iamb	15 17 25.1
MLY	Manley	64.88 336	P	P	15 17 24.0 +0.7
P16K	comp=Z,24nm,0.9s	64.90 330	Iamb	Iamb	15 17 24.4
P16K	Big Mountain,	64.90 330	P	P	15 17 23.7 +0.1
F24K	comp=Z,23nm,1.2s	64.92 339	Iamb	Iamb	15 17 26.3
F24K	Squaw Lake	64.92 339	P	P	15 17 24.9 +1.3
N19K	Squaw Lake	64.97 331	Iamb	Iamb	15 17 25.6
N19K	comp=Z,15nm,1.1s	64.97 331	P	P	15 17 24.5 +0.4
O18K	Bonanza Creek	65.02 330	Iamb	Iamb	15 17 34.9
O18K	comp=Z,36nm,1.2s	65.02 330	P	P	15 17 25.1 +0.8
CHUM	Koktuh Hills	65.07 335	P	P	15 17 25.0 +0.5
C26K	comp=Z,11nm,0.8s	65.16 342	P	P	15 17 26.7 +1.7
L20K	Camden Bay	65.24 333	P	P	15 17 26.0 +0.3
M19K	Farewell, AK	65.27 333	P	P	15 17 26.7 +0.7
D25K	comp=Z,10nm,0.8s	65.30 342	P	P	15 17 27.5 +1.5
G23K	Kavik River	65.31 338	Iamb	Iamb	15 17 28.3
G23K	Bananza Creek	65.31 338	P	P	15 17 27.2 +1.1
E24K	comp=Z,15nm,SNR=22	65.38 340	P	P	15 17 27.7 +1.1
I21K	Your Creek	65.42 336	P	P	15 17 26.9 +0.1
P17K	King Salmon	65.44 329	P	P	15 17 27.3 +0.3
H22K	tanana	65.47 337	P	P	15 17 27.5 +0.3
L19K	comp=Z,106	65.57 333	P	P	15 17 28.1 +0.3
N18K	White Mountain	65.59 331	Iamb	Iamb	15 17 29.6
N18K	Kilae Creek	65.59 331	P	P	15 17 28.8 +0.8
COLD	comp=Z,19nm,1.1s	65.59 339	P	P	15 17 29.5 +1.6
K20K	Coldfoot	65.61 334	P	P	15 17 28.5 +0.4
CHGN	comp=Z,110,SNR=20	65.76 326	P	P	15 17 30.4 +1.3
M18K	Chignik	65.80 332	P	P	15 17 29.6 +0.3
O17K	Stony River	65.91 330	P	P	15 17 30.3 +0.3
H21K	Koiliganek Bris	65.92 337	P	P	15 17 30.3 +0.2
J20K	Melozitna River	65.92 335	Iamb	Iamb	15 17 31.5
J20K	comp=Z,56nm,1.8s	65.92 335	P	P	15 17 30.3 +0.2
G22K	Nowitna River	65.93 338	P	P	15 17 31.2 +1.1
D24K	comp=Z,110,SNR=6	65.98 341	Iamb	Iamb	15 17 32.7
D24K	Happy Valley	65.98 341	P	P	15 17 32.7
TOLK	comp=Z,24nm,1.1s	65.99 340	Iamb	Iamb	15 17 31.4 +1.1
TOLK	Happy Valley	65.99 340	Iamb	Iamb	15 17 32.7
TOLK	Toolik Lake Re	65.99 340	P	P	15 17 31.2 +0.7
N17K	comp=Z,20nm,0.8s	66.16 331	Iamb	Iamb	15 17 33.5
N17K	Nushagak Hills	66.16 331	P	P	15 17 32.1 +0.5
C24K	comp=Z,29nm,0.8s	66.21 341	P	P	15 17 33.2 +1.4
I20K	Franklin Bluff	66.27 336	Iamb	Iamb	15 17 33.6
I20K	Naaghedeneel	66.27 336	P	P	15 17 32.2 -0.1
O16K	comp=Z,29nm,0.8s	66.36 330	Iamb	Iamb	15 17 36.2
O16K	Kokwok River B	66.36 330	P	P	15 17 33.5 +0.6
L18K	comp=Z,10nm,0.8s	66.40 333	Iamb	Iamb	15 17 34.7
L18K	Granite Mounta	66.40 333	P	P	15 17 33.5 +0.3
F22K	comp=Z,23nm,1.2s	66.40 339	P	P	15 17 34.8 +1.7
F22K	John River	66.40 339	P	P	15 17 34.8 +1.7

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J19K	baz=113	66.48 335	Iamb	Iamb	15 17 34.7
J19K	Poorman	66.48 335	P	P	15 17 33.6 0.0
D23K	comp=Z,18nm,0.9s	66.50 340	P	P	15 17 35.6 +2.0
D23K	Nanushuk River	66.51 337	P	P	15 17 34.2 +0.4
G21K	Allakaket	66.51 337	P	P	15 17 34.2 +0.4
M17K	baz=112	66.51 332	Iamb	Iamb	15 17 35.4
M17K	Holitna River	66.51 332	P	P	15 17 34.2 +0.3
E22K	Holitna River	66.53			

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like F15K North Star Dit, C17K Delovoi Mountai, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ABTA Abfaltersbach, GERES GERESS Array B, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SONM, KSRS Korea Array, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like H06E1 SOCORRO T-PHASI, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NJ2, ASAJ, USRK, KULM, MDJ, XAN, KLR, PHRA, PEAO, CMAR, CHTO, PZH, CD2, HHC, LZH, GTA, SONM, SHL, CASY, Vnda, O14K, M14K, Q19K, P19K, H17K, G18K, MLY, ZAAO, ZALV, B20K, ILAR, KSH, BMAR, BOOM, KURK, KURB, GSPA, I28M, MAW, J30M, I30M, BTX, TORD, TORD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NUBE, CEVE, JAYA, LOAL, LALI, UNIC, PMON, PBOG, PQS, SNET, SNET, SNET, UUES, UUES, UUES, LOMA, LOMA, FUG, QUEZ, QUEZ, QUEZ, IGN, UDBS, UDBS, NBG, SULM, PAVA, PAVA, COEG, COEG, COEG, COEG, TECO, TECO, MTO3, MTO3, MTO3, SCLA, SCLA, SCLA, RTAL, ESQUI, ESQUI, ESQUI, SOKI, SOKI, SOKI, APG, APG, APG, APG, PACA, PACA, PACA, MRL, HUEH, LCHD, LCHD, CNCH, CNCH, CNCH, TGUH, CRIN, CRIN, CRIN, CRIN, CCIG, CCIG, CCIG, CCIG, CNGN, SOMN, SOMN, SOMN, PETF, LIMN, LIMN, LIMN, BOAB, BOAB, BOAB, BOAB, BOAB, BOAB, CMIG, CMIG, CMIG, CMIG, JTS, JTS, JTS, LCR2, TEIG, TEIG, TEIG, TEIG, DRKO, DRKO, BRDY, SAND, LRAL, LRAL, TXAR, TXAR, TXAR, TXAR, TX31.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like OZNA, PLPT, ALPN, ALPN, ABTX, ABTX, MNHN, MNHN, MIAR, MIAR, APMT, VHRN, VHRN, POST, BAUV, BAUV, HODGE, SWET, SWET, DKNs, CPCT, CPCT, CLTN, CLTN, TKL, MSTX, SMWD, U49A, W47A, W47A, ANMO, BOAV, BOAV, MTPU, SADO, NVAR, KVN, WVOR, PLID, J08A, F10A, F10A, PINE, PINE, NEW, HOOD, SCHO, SCHO, YKA, FRB, M29M, SFJD, DAWY, RES, RES, RES, EKA, ESDD, SPITS, TORD, MKAR, WRA, ASAR, PZH, CMAR, IDC 04 16:18:18.5, NEIC 04 16:18:22.1, GCMT 04 16:18:25.0, ISC 04 16:18:20.0.

IDC 04 16:11:14.3, 1.0, 13.05N; 90.00W, h0km, mb4.0/9, mbmp3.9/11, ML3.5/2, MS3.7/9, Error ellipse: s-maj=32.2km s-min=15.2km az=61.0

IDC 04 16:18:18.5, 0.0, 29.78S; 111.84W, h0km, mb4.0/10, mbmp4.0/10, MS4.3/32, Error ellipse: s-maj=25.0km s-min=19.0km az=76.0

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

RSNC 04 16:36:59.0-0.6, N2.2x7.2W2.1, h0km, 3km, M3.1, mb4.4, ML3.1

IDC 04 16:37:01.2-2.0, 6.07N:71.91W, h77km, 15km, mb3.0/2, mbmp3.7/5, Error ellipse: s-maj=47.9km s-min=9.0km

ISC 04 16:36:56.1-1.3, 6.43N:0.02-72.32W, 0.03, h1km, 10km, n36, c243/65, Northern Colombia

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

ISC 04 16:56:42.3-7.5, 30.52S:178.71W, h63km, 60km, mb3.8/4, mbmp4.1/5, ML3.7/1, Error ellipse: s-maj=47.9km s-min=26.5km az=46.0

ISC 04 16:56:49.1-0.8, 30.73S:0.08-179.2W, 0.2, h100km, n22, c195/33, mb4.1/4, Kermadec Islands region

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

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

IDC 04 17:03:45.9:773.0, 33.84S:115.43E, h0km, Error ellipse: s-maj=300.4km s-min=25.7km az=135.0, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I04AU, SHANNON INFRAS, I04 AU, etc.

IDC 04 17:15:48.2:1.7, 0.15S:121.59E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=203.9km s-min=27.2km az=60.0

DJA 04 17:16:15.7:0.7, 0.5:4.12E, h188km, 7km, M3.2/7, ML3.2/7

ISC 04 17:15:12.3:1.1, 0.2S:0.1:122.05E, h20km, n8, c278/11, mb3.4/3, Minahasa Peninsula, Sulawesi

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

SCB 04 17:17:03.6:0.7, 21.15S:67.36W, h185km, 8km, ML3.2/3, MW5.4, Error ellipse: s-maj=2.4km s-min=2.3km az=2.0, Chile-Bolivia border region

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

DJA 04 17:18:40.5:0.3, 9.5:3.10E, h10km, M4.6/15, mb4.9/9, mb5.3/2, MLv4.5/15, Mw(mb)4.8/2

IDC 04 17:18:41.3:0.6, 8.80S:105.80E, h0km, mb4.1/18, mbmp4.1/19, ML4.6/1, MS3.1/1, Error ellipse: s-maj=20.3km s-min=13.4km az=70.0

NEIC 04 17:18:42.5:1.7, 8.89S:0.05-105.68E:0.08, h9km, 5km, mb4.3/20, Error ellipse: s-maj=11.0km s-min=7.4km az=99.0

ISC 04 17:18:41.9:0.5, 8.84S:0.06-105.68E:0.07, h10km, n75, c1530/69, mb4.2/25, South of Java

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

ISC 04 17:27:11.7:0.7, 32.72N:137.30E, h414km, 8km, mb3.1/14, mbmp3.9/19, Error ellipse: s-maj=17.2km s-min=11.3km az=72.0

JMA 04 17:27:12.1:0.2, 33.2N:137.7E, h410km, MV2.9/15, FAR S OFF TOKAI DISTRICT

ISC 04 17:27:11.0:0.8, 32.75N:137.20E:0.08, h400km, n36, c1530/69, mb4.3/14, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T001, TONANKAI O.B.S, T001, etc.

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

IDC 04 17:27:11.7:0.7, 32.72N:137.30E, h414km, 8km, mb3.1/14, mbmp3.9/19, Error ellipse: s-maj=17.2km s-min=11.3km az=72.0

JMA 04 17:27:12.1:0.2, 33.2N:137.7E, h410km, MV2.9/15, FAR S OFF TOKAI DISTRICT

ISC 04 17:27:11.0:0.8, 32.75N:137.20E:0.08, h400km, n36, c1530/69, mb4.3/14, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T001, TONANKAI O.B.S, T001, etc.

4d 18h

Table with columns: WRA, ILAR, ASAR, FINES, KBZ, AKASG, BRTR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Contains station names, coordinates, and various identifiers.

2018 JUN

Table with columns: NEIC, HVO. Contains station names, coordinates, and various identifiers.

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Table with columns: NEIC, HVO. Contains station names, coordinates, and various identifiers.

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Table with columns: GCMT. Contains station names, coordinates, and various identifiers.

Table with columns: GCMT. Contains station names, coordinates, and various identifiers.

Table with columns: GCMT. Contains station names, coordinates, and various identifiers.

Table with columns: GCMT. Contains station names, coordinates, and various identifiers.

Table with columns: GCMT. Contains station names, coordinates, and various identifiers.

4d 18h

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Tenmabayashi, Hyderabad, Vladivostok, Geerliu, Changchun, etc.

2018 JUN

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like SONM, SONM, SONM, Far West T-bar, etc.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like MKAR, MKAR, MAKZ, MAKZ, MAKZ, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Date, Time, Status, and other technical details. Includes stations like FURC, RRX, GSC, MURC, EPF, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Date, Time, Status, and other technical details. Includes stations like CBKS, AMTX, TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Date, Time, Status, and other technical details. Includes stations like PVFI, PVFI, PVFI, etc.

MDD 04 18:25:37.0, 1.3, 37.09N, 141.40W, h5km, 10km, ML2.6, Error ellipse: s-maj=8.2km s-min=7.7km az=148.0

NEIC 04 18:41:30.8, 1.1, 19.405N, 0.004:155.242W, 0.007, h2km, 2km, Error ellipse: s-maj=1.0km s-min=0.6km az=68.0

HVO 04 18:41:30.6, 0.6, 19.400N, 0.008:155.256W, 0.007, h0km, 3km, ML2.7(2), ML2.0(2) 0.0, Hawaiian Islands s-maj=3.3km s-min=0.8km az=209.0, Error ellipse: s-maj=0.2 349.0, s-min=0.2 349.0

Small table with columns: Code, Station Name, Azimuth, Elevation, Date, Time, Status, and other technical details. Includes stations like KKO, BYL, RIM, etc.

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Table with columns: OBSL, UWB, UWE, PUH, PUIH, RSD, RSD, KHHH, HLP, HLP, STCH, NPCC, MLH, MLH, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MLOA, MLOA, MWH, KHU, POHA, GSI, HUI.

Table with columns: SUR, SUR, SUR, SUR, SUR, RAYN, WSAR, UOSS, UOSS, EIL, MMAI, TORD, TORD, TORD, TORD, GEYT, GEYT, GNI, BRTR, BRTR, BR131, BR131, GSI, GSI, DBIC, MAW, KBZ, KBZ, GAR, KIV, KIV, KVA, VAE, KEST, KSH, KSH, KSH, CMAR, CMAR, LEM, CHTO, CHTO, PHRA, ABKAR, ABKAR, AKASG, AKASG, SOKA, ARSA, RONA, MDT, CONA, LESA, VRAC, PZH, PZH, PZH, DAVOX, GERES, RETA, SBUM, SBUM, BVAR, BRVK, BRVK, KURBB, ESDC, ESDC, ESDC, ARU, KIRV, LZH, LZH, LZH, ZALV, FINES, QSPA, QSPA, HFS, NOA, EKA, HHC, HHC, HHC, SONM.

Table with columns: VVND, VVND, NJ2, NJ2, NJ2, ASAR, ASAR, AS31, WRA, WRA, WBA, WBA, WBA, CN2, CN2, KRSR, BORG, CPUP, MJAR, TXAR, NVAR, Code, Station Name, Phase ID, Time Res, ISC.

IDC 04 18:51:58.6:0.5, 12.97S:45.67E, h0km, mb4.0/26, mbtmp4.0/28, ML4.5/3, MS3.7/30, Error ellipse: s-maj=16.3km s-min=12.5km az=110.0, BUI 04 18:51:59.0:0.0, 12.90S:45.60E, h10km, mb4.6/12, mb5.1/5, NEIC 04 18:51:59.0:0.2, 12.88S:0.10:45.7E:0.1, h10km, 1km, mb4.8/28, Error ellipse: s-maj=18.9km s-min=16.0km az=279.0, PRE 04 18:52:17.6:2.5, 14.83S:44.81E, h10km, mb4.9, ISC 04 18:51:59.3:0.3, 13.01S:0.05:45.4E:0.05, h10km, n127, c252/119, mb4.6/47, MS3.7/29, Northwest of Madagascar

TAP 04 19:17:32.8, 24:45N, 122:40E, h53km, ML2.8, C JMA 04 19:17:32.6:0.1, 24:1N, 122:40E, 0.4, h54km, 2km, MV2.2/17, NW OFF ISHIGAKIUMA IS, ISC 04 19:17:33.0:1.2, 24:40N:0.03:122:42E:0.02, h53km, 6km, n103, c1514/181, Taiwan region

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YHNB, LXIB, SHUL, NSK, TAP, YMO1, etc.

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

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

CNRM 04 22:11:42.7, 32°46'N, 4°54'W, h0km, ML4.7
 CRAAG 04 22:11:43.8, 32°56'N, 4°55'W, Mb4.3, Maroc
 IIGL 04 22:11:43.7, 32°43'N, 4°45'W, h14km, ML4.0
 NEIC 04 22:11:43.7, 1.9, 32°54'N, 0°09.4, 51'W, 0.09, h10km, 1km,
 mb4.3/43, Error ellipse: s-maj=15.3km s-min=12.5km
 az=189.0
 MED_RC 04 22:11:43.0, 0.6, 32°56'N, 4°55'W, h10km, MW4.0/9,
 Moment Tensor Solution, Mantle waves: s9,c11; Duration:
 1s0 Moment tensor: Scale 1015Nm; M₁=1.7±.21;
 M₂=1.20±.08; M₃=1.37±.22; M₀=0.64±.27; M₀=0.03±.16;
 M₀=0.01±.51; Best double couple: M₁=4.4000±.10;
 CZZ 04 22:11:43.0, 0.0000; 372.0000; 1.161.0000; NP2:
 ϕ₁=221.00000; ϕ₂=22.00000; ϕ₃=19.00000; Principal axes:
 T=1.3700, Plo₀=0.0000; Azm89.0000; N=0.1400,
 Plg64.0000; Azm359.0000; P=-1.5100, Plg26.0000,
 Azm179.0000; nsta1 refers to body waves. nsta2 refers
 to surface waves, cutoff=30s.
 MDD 04 22:11:44.7, 0.6, 32°57'N, 4°69'W, h2km, 4km, Mb4.6/21,
 M_mb4.1/21 Error ellipse: s-maj=5.0km s-min=3.6km
 az=148.0
 SFS 04 22:11:44.2, 32°52'N, 4°62'W, h6km, mB5.0/7, mb4.8/14,
 ML4.7/26, ML4.6/25, ML4.5/26, MW(mB)4.3/7
 ISC 04 22:11:43.3, 0.4, 32.52N, 0.02, 4.58W, 0.02, h10km, n274,
 +193/338, mb4.3, MS23.1/5, 16C-10D, Morocco

Code	Station Name	Δ	α	ζ	Op	Phase ID	ISC	Time	Res
MDT	Midelt	0.30	35Z		Pg		ISC	h m s	ISC
		2.0m, 0.3s, baz=180, slow=12				Lg		22 11 49.9	+0.5
		baz=60, slow=20				Lg		22 11 54.3	
MD31	MD31	0.38	336		P	Sg		22 11 51.3	+0.5
MD31	MD31	0.38	336		P	Pg		22 11 57.1	+1.1
CZD	Col de Zad	0.64	323		P	Pg		22 11 56.2	+0.3
CZD	Averroes	2.51	289		Pn	Pn		22 12 06.0	+1.6
GOLM	Goulmima	0.87	301		P	Pg		22 12 07.7	+0.4
GOLM	Goulmima	0.87	301		S	Sg		22 12 11.4	-0.1
IFR	Ifrane	1.10	335		Sg	Pb		22 12 19.1	+0.3
IFR	Ifrane	1.10	335		Pg	Pb		22 12 05.3	+0.7
ARF	Arif	1.12	164		P	Pb		22 12 03.6	-1.3
SICH	Sidi Chahed	1.70	339		P	Sg		22 12 18.4	+1.1
SICH	Sidi Chahed	1.70	339		P	Sg		22 12 16.4	+0.5
TISM	Timmit	1.77	244		S	Sb		22 12 16.5	+0.7
TISM	Timmit	1.77	244		S	Sb		22 12 40.2	+2.1
ZHG	ZHG	1.97	299		Pn	Pn		22 12 17.4	+0.6
ZHG	ZHG	1.97	299		Pn	Pn		22 12 25.0	+0.9
AKLM	AKL	2.08	17		P	Sb		22 12 19.3	+1.0
AKLM	AKL	2.08	17		S	Sg		22 12 49.0	-1.0
RTIC	Rabat Centre	2.41	308		Pn	Pn		22 12 24.0	+1.2
RTIC	Rabat Centre	2.41	308		Pn	Pn		22 12 52.1	+0.2
OUZM	OUZ	2.46	230		P	Pg		22 12 30.9	+1.4
OUZM	OUZ	2.46	230		S	Sb		22 12 59.9	+1.9
JBK	JBK	2.47	42		P	Sb		22 12 23.6	-0.2
JBK	JBK	2.47	42		S	Sb		22 12 54.7	+0.5
AVE	Averroes	2.51	289		Pn	Pn		22 12 24.7	+0.5
AVE	Averroes	2.51	289		Pn	Pn		22 12 25.0	+0.9
AVE	Averroes	2.51	289		P	Sb		22 12 25.1	+1.0
ZGR	Zagora	2.55	201		P	Pn		22 12 25.0	+0.1
ZGR	Zagora	2.55	201		P	Pn		22 12 58.2	+2.1
RSR	Sarsar	2.58	337		P	Sb		22 12 26.7	+1.5
RSR	Sarsar	2.58	337		P	Sb		22 12 31.1	+0.3
PVLZ	Pezen de	2.66	5		Pn	Pn		22 12 28.4	+0.2
CHEFC	Chefchaouen	2.66	346		P	Sb		22 12 28.6	+2.2
CHEFC	Chefchaouen	2.66	346		P	Sb		22 13 03.2	-0.7
PALE	Palemas	2.75	11		Pn	Pn		22 12 29.1	+1.7
PALE	Palemas	2.75	11		Pn	Pn		22 13 05.9	+1.1
TIOU	Tiouine	2.78	236		Pn	Pn		22 12 29.4	-2.4
TIOU	Tiouine	2.78	236		Pn	Pn		22 12 29.4	+1.3
TIOU	Tiouine	2.78	236		Pn	Pn		22 12 29.7	+1.6
TIOU	Tiouine	2.78	236		Pn	Pn		22 13 04.1	+2.3
SRHM	Skhour des Reh	2.81	270		Pn	Pn		22 12 30.9	+2.6
SRHM	Skhour des Reh	2.81	270		Pn	Pn		22 13 05.9	+1.4
FIGM	Figuiq	2.83	97		P	Pn		22 12 29.2	+0.4
FIGM	Figuiq	2.83	97		P	Pn		22 13 05.2	+2.2
TAF	Taforalat	2.92	38		P	Sb		22 12 29.7	-0.1
TAF	Taforalat	2.92	38		S	Sb		22 13 07.7	-2.5
GOG	Mont Gurugu	3.00	26		P	Sb		22 12 31.4	+0.3
GOG	Mont Gurugu	3.00	26		P	Sb		22 13 03.2	-0.2
EMEL	Melilla	3.09	25		S	Sb		22 13 08.0	-1.0
EMEL	Melilla	3.10	25		S	Sb		22 13 09.6	+0.1
WMELI	Wmelilla	3.20	33		Pn	Pn		22 12 32.0	-0.3
CHAS	Isia Isabel II	3.20	33		Pn	Pn		22 12 32.9	-0.8
SMIR	Smir Dam	3.23	364		Pn	Pn		22 12 34.1	-1.4
CEI	Ceuta	3.44	349		Pn	Pn		22 12 38.1	+1.2
CPS	Cap Spartel	3.44	342		P	Pg		22 12 53.0	+3.7
TTIG	Tnine Tigouga,	3.84	240		P	Pg		22 12 44.1	+1.5
EJIF	Jimena Frontier	3.99	350		P	Sb		22 12 45.7	+1.1
EJIF	Jimena Frontier	3.99	350		P	Sb		22 13 13.1	-1.7
EMIJ	Mijas	4.04	358		Pn	Pn		22 12 43.7	-1.6
EMIJ	Mijas	4.04	358		Pn	Pn		22 13 39.9	+1.2
EMAL	Malaga-Limoner	4.24	2		S	Pn		22 13 36.3	-1.1
EMAL	Malaga-Limoner	4.24	2		S	Pn		22 12 48.1	+0.2
ELGU	Los Guajares,	4.41	10		Pn	Pn		22 12 49.8	-0.6
ELGU	Los Guajares,	4.41	10		Pn	Pn		22 13 01.5	-0.5
ELGU	Los Guajares,	4.41	10		Pn	Pn		22 12 49.5	-0.9
ELGU	444nm, SNR=1.8					fl/Vmb_V		22 12 56.7	
ELGU	Lijar	4.43	351		Pn	Pn		22 13 41.6	-0.2
ESPR	Espera	4.47	347		Pn	Pn		22 12 51.1	+0.4
ESPR	Espera	4.47	347		Pn	Pn		22 12 51.4	+0.3
ESPR	Espera	4.47	347		Pn	Pn		22 13 42.5	-0.6
ESPR	Espera	4.47	347		Pn	Pn		22 12 51.0	-0.1
ESPR	478nm, SNR=4.5					fl/Vmb_V		22 12 55.5	
ESPR	Berja	4.59	17		Pn	Pn		22 13 40.2	-2.9
EBER	Berja	4.59	17		Pn	Pn		22 12 52.4	-0.5
EBER	Berja	4.59	17		Pn	Pn		22 12 52.3	-0.6
EBER	341nm, SNR=1.7					fl/Vmb_V		22 12 54.8	
EBER	Sierra Gorda,	4.60	5		Pn	Pn		22 13 44.7	-1.6
EGOR	Sierra Gorda,	4.60	5		Pn	Pn		22 12 54.0	+0.9
EGOR	Sierra Gorda,	4.60	5		Pn	Pn		22 12 53.6	+0.6
EGOR	436nm, SNR=4.0					fl/Vmb_V		22 12 60.0	
EGOR	Bouhaniffa	4.63	51		P	Pb		22 13 44.6	-2.0
USTO	Ouan	4.63	45		P	Pb		22 13 06.0	+1.4
EQUE	Qentar	4.77	11		P	Pn		22 13 13.0	+1.0
EQUE	Nijar	4.85	23		Pn	Pn		22 12 56.7	+1.4
EQUE	Nijar	4.85	23		Pn	Pn		22 13 52.4	+1.6
ENIJ	Nijar	4.85	23		Pn	Pn		22 12 55.8	-0.6
ENIJ	Nijar	4.85	23		Pn	Pn		22 13 50.5	-2.2
ENIJ	512nm, SNR=2.6					fl/Vmb_V		22 12 05.8	
ENIJ	Djebel Berber	5.10	52		P	Pn		22 13 49.6	-3.1
OJGS	Djebel Guires	5.33	55		P	Pn		22 13 04.0	+4.1
EQES	Quesada	5.42	13		P	Pn		22 13 18.0	+1.3
EQES	521nm, SNR=5.4					fl/Vmb_V		22 13 06.1	+1.9
EQES	Barranco-do-Ve	5.46	331		S	Sb		22 13 13.8	
PBDV	Barranco-do-Ve	5.46	331		S	Sb		22 14 08.6	+2.0
PBDV	Barranco-do-Ve	5.46	331		S	Sb		22 13 04.0	-0.8
PBDV	Barranco-do-Ve	5.46	331		S	Sb		22 14 04.4	-3.3
PBDV	60nm, 0.7s					A		22 14 20.5	
PBDV	Barranco-do-Ve	5.46	331		Pn	Pn		22 13 03.7	-1.1
PBDV	Barranco-do-Ve	5.46	331		Pn	Pn		22 14 03.1	-4.6
EMIN	Mina Concepcio	5.51	342		Pn	Pn		22 13 04.5	-1.0
EMIN	Mina Concepcio	5.51	342		Pn	Pn		22 13 04.3	-1.1
EMIN	287nm, SNR=4.6					fl/Vmb_V		22 13 13.9	
EMIN	Vaqueiros	5.51	333		S	Sb		22 14 05.3	-3.6
PVAQ	Vaqueiros	5.51	333		S	Sb		22 13 04.9	-0.6
PVAQ	Vaqueiros	5.51	333		S	Sb		22 14 04.5	-4.4
PVAQ	95nm, 0.5s					A		22 14 07.3	
PVAQ	Vaqueiros	5.51	333		S	Sb		22 14 04.7	-4.2
PVAQ	Vaqueiros	5.51	333		Pn	Pn		22 13 03.0	-0.9
PVAQ	Vaqueiros	5.51	333		Pn	Pn		22 13 05.0	-0.4
EGRO	EI Granado	5.54	335		Pn	Pn		22 14 04.3	-5.3
EGRO	EI Granado	5.54	335		Pn	Pn		22 13 05.2	-0.6
EGRO	EI Granado	5.54	335		Pn	Pn		22 13 05.3	-0.5
EGRO	EI Granado	5.54	335		Pn	Pn		22 14 02.1	-7.6
ECAB	EI Cabril	5.59	353		Pn	Pn		22 13 05.8	-0.8
ECAB	EI Cabril	5.59	353		Pn	Pn		22 14 08.5	-2.3

ECAB	EI Cabril	5.59	353	P	Pn			22 13 06.2	-0.3
ECAB	262nm, SNR=4.9					fl/Vmb_V		22 13 12.0	
ECAB	Adamuz	5.64	0	S	Pn			22 14 07.0	-3.8
EADA	Adamuz	5.64	0	P	Pn			22 14 05.2	-2.9
EADA	Adamuz	5.64	0	P	Pn			22 13 0	

4d 22h

Table with columns: KBZ, ONI, ARU, ABKAR, UOSS, KK31, KKAR, CHGR, GAR, BTK, KURBB, KURK, KSH, ZALV, MAK2, MK31, MKAR, BOS, YKA, E29M, E25K, I30M, I29M, I28M, PRP, J26L, H23K, M29M, PDAR, ILAR, SONM, HDA, TXAR, HHC, PZH, CMAR, PLCA, STKA. Each row contains station name, frequency, power, and other technical details.

Table with columns: NEIC, IDC, DNK, ISC. Contains coordinates and technical data for various stations and locations.

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Main table listing stations such as NRS, UMMG, ANGG, ICESG, NUUG, FRB, SUMG, KULLO, ILON, SCO, SCHO, NEEM, BORG, DBG, DRLN, PMAQ, SMQ, MNO, JMIC, RES, BATG, LMQ, D62A, GBN, POI, LMN, FCC. Includes call signs, frequencies, and technical parameters.

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Table listing stations such as FCC, E62A, F64A, F63A, VLD0, G62A, TRQ, SPITS, LBNH, LONY, SADO, A36M, FFC, YKA, NB2, NOA, ARCES, HFS, INK, ACOS, F33A, F31M, D28M, G31M, F30M, P49A, SFIN, G30M, E28M, E28M, D27M, H31M, BLA, EPYK, ECSD, ECSD, C26K, E27K, E27K, H29M, FINES, TOAD, J30M, D25K, D25K, G27K, C24K, F26K, TZTN, E25K, H27K, I28M, LAO, BMAR, D24K, C23K, G26K. Includes call signs, frequencies, and technical parameters.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include ASAJ, MDJ, HHC, KRSR, NNA, NJ2, PZH, ELIB.

NEIC 04 23:16:44.7±0.5, 36°18'N, 0°01:97.62W, 0°01, h6km, 4km, Error ellipse: s-maj=1.9km s-min=1.5km az=46.0

Main table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include GC02, KAN13, KAN17, KAN19, KAN20, BLOK, KAN01, KAN05, CROK, KAN06, OK032, KAN08, OK048, OK051, T35A, OK035, OK038, QUOK, OK029, OK052, OK031, OK031, NOKA, NOKA, ADOK, DEOK, CSTR, FNO, TUL3, W35A, R32A, X34A, WMOK, KSU1, CBKS, U36A, HHAR, WFTS, Z35A, S39A, AMTX, MIAR, PLPT, APMT, FW07, RTBA, DKNS, P38A, FW16.

Table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include FW13, R40A, FCAR, KSCO, WHAR, UALR, SN05, WLAR, POST, MSTX, P40A, CCM, T42A, L34A, L34R, Z41A, OGNE, T25A, BRDY, SGCY, PBMO, FVM, 435B, K30B, CGM3, JCT, ISCO, L40A, N23A, SUSD, JFWS, RSSD.

IDC 04 23:29:55.0±2.1, 17°17'S, 174°40'W, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=139.8km s-min=23.1km az=152.0

ISC 04 23:30:12.9±2.1, 17°35'S, 0°18:174.5°W, 0.4, h150km, n9, az=35/6, mb3.4/6, Tonga Islands

Table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include WRA, ASAR, NVAR, TXAR, PDAR, ILAR, H03S2, H03S1, H03S3.

NEIC 05 00:18:00.2±0.9, 5°8'S, 0°1:151.3°E, 0°1, h68km, 15km, mb4.0/8, Error ellipse: s-maj=17.4km s-min=14.1km az=57.0

IDC 05 00:18:01.0±0.8, 6°5'0'S, 151°13'E, h84km, 60km, mb3.3/5, mbtmp3.8/6, ML3.0/1, MS3.5/4, Error ellipse: s-maj=97.8km s-min=33.5km az=104.0

ISC 00:17:58.2±0.8, 5°0'01.151°E, 0°1, h50km, n22, s-r145/18, mb3.8/3, MS3.3/3, New Britain region

Table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include RABL, PMG, HNR, COEN, MTN, WB0, WR0, WR2, WRA, DZM, DZM, ASAR, FITZ, KAPI, MJAR, SONM, MKAR, ZALV, GSPA, GERES, TORD, IDC 05 01:17:44.6±3.8, 38°74'N, 68°04'E, h0km, mb3.5/1, mbtmp3.6/4, ML3.4/3, MS3.3/2, Error ellipse:

s-maj=175.1km s-min=16.1km az=149.0 NNC 05 01:17:49.1±13.0, 37°23'N, 70°70'E, h270km, 830km, mb2.4, mpv3.6, Error ellipse: s-maj=355.8km s-min=59.3km az=175.0

ISC 05 01:17:44.9±2.0, 38°6'02.682°E, 0°2, h10km, n11, az=190/12, 4C-4D, Tajikistan

Table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include KK31, AAK, AAK, AAK, CHMS, CHMS, TKM2, TKM2, GEYT, MKAR, ZALV, KVAR, TORD, KAPI.

BUI 05 01:34:32.0±0.0, 29°51'N, 81°42'E, h5km, mb4.7/53, mb4.7/17, ML4.1/1, MS3.9/28, M57.3/8/30

IDC 05 01:34:33.9±0.5, 29°48'N, 81°72'E, h0km, mb4.5/29, mbtmp4.5/32, ML4.6/3, MS3.5/27, Error ellipse: s-maj=14.5km s-min=11.1km az=24.0

MOS 05 01:34:34.0±0.9, 29°50'N, 81°70'E, h10km, mb5.0/27, Error ellipse: s-maj=10.3km s-min=5.2km az=134.1

NEIC 05 01:34:36.9±1.0, 29°55'N, 0°09:81.6°E, 0°08, h10km, 1km, mb4.7/140, Error ellipse: s-maj=16.5km s-min=11.0km az=203.0

DMN 05 01:34:37.6±0.1, 29°67'N, 81°38'E, h10km, M4.9/8, Error ellipse: s-maj=4.8km s-min=2.5km az=31.0

NDI 05 01:34:38.5±3.2, 29°46'N, 81°59'E, h10km, ML4.4, MW4.1, mb4.7(NEIC)

ISC 05 01:34:36.4±0.5, 29°58'N, 0°03:81.63°E, 0°02, h13km, 2km, h14km: p-P, n664, s1925/702, mb4.7/165, MS3.5/29, 21C-19D, Nepal

Table of station data with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Rows include LGTI, LGTI, LGTI, PTH, PTH, PYUN, BRCI, BRCI, BRCI, DANN, DANN, KOLN, KOLN, GKN, GKN, DDI, DDI, DMN, KKN, KKN, PKIN, PKIN, PKI, GUN, GUN, SMLA, SMLA, SMLA, SMLA, ALBI, ALBI, JIRN, JIRN, BHK, BHK, JHNI, JHNI, JHNI, JHNI, RAMN, RAMN, DHRM, DHRM, DHRM, DHRM, ODAN, ODAN, TAPN, TAPN, GTK, GTK, GTK, BOK, BOK, BOK, BHP, BHP, BHP, NIL, NIL, LSA, LSA, AKL, AKL, AKL, AKL, SHL, SHL, SHL, ZIRO, ZIRO.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH Kashi, BRDH Bariadaha, KBL KABL, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRZS Berezinski, WSAR Wadi Sarin, GYA GYA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BR105 Keskin Array S, EIL Eliat, MOS Moscow, etc.

5d 1h

KWP	comp=Z,28nm,1.2s	pmx	pmx			
HERR	Herculane	48.52 305	↑P	P	01 43 19.4 +0.4	
MTSE	Matsula	48.61 324	eP	P	01 43 20.0 +0.5	
MEF	Mletsahovi	48.63 326	eP	P	01 43 20.1 +0.5	
SURF	Surdut	48.69 307	↑P	P	01 43 22.4 +2.1	
BZS	Buzias	49.05 306	↑P	P	01 43 24.6 +1.4	
BZS	Buzias	49.05 306	↑P	P	01 43 24.5 +1.4	
CRVS	Cervenica-Dubn	49.08 311	eP	P	01 43 25.5 +2.2	
CRVS	Cervenica-Dubn	49.08 311	eP	P	01 43 25.5 +2.2	
AGG	Agios Georgios	49.12 298	↑P	P	01 43 23.6 -0.2	
AGG	Agios Georgios	49.12 298	↑P	P	01 43 23.6 -0.2	
				pmx	pmx	
	comp=Z,15nm,0.7s					
TIXI	Tiksi	49.22 18	P	I Amb	01 43 24.4 +0.4	
TIXI	Tiksi	49.22 18	P	I Amb	01 43 26.2	
	comp=Z,9.4nm,1.1s					
TIXI	Tiksi	49.22 18	LR	LR	02 06 34.5	
	comp=Z,69nm,19.5s,baz=260,slow=39					
TIXI	Tiksi	49.22 18	↑P	P	01 43 24.4 +0.4	
				pmx	pmx	
	comp=Z,15nm,1.6s					
FNA	Florina	49.62 300	P	I Amb	01 43 26.8 -0.9	
FNA	Florina	49.62 300	P	I Amb	01 43 28.5	
	comp=Z,5.6nm,0.6s					
FNA	Florina	49.62 300	P	pmx	01 43 26.8 -0.9	
FNA	Florina	49.62 300	P	pmx	01 43 26.8 -0.9	
	comp=Z,6.0nm,0.6s					
YSS	Yuzh-Sakhalins	49.76 52	eP	P	01 43 29.1 +0.6	
YSS	Yuzh-Sakhalins	49.76 52	eP	P	01 43 29.1 +0.6	
	comp=Z,10.0nm,0.5s					
YSS	Yuzh-Sakhalins	49.76 52	eP	MLR	MLR	
	comp=Z,100nm,15.0s					
ASAJ	Asahikawa	49.82 56	LR	LR	02 06 10.5	
	comp=Z,93nm,19.3s,baz=184,slow=38					
NIE	Niedzica	49.84 317	P	P	01 43 31.7 +2.5	
	comp=Z,3.0nm,1.7s					
RAF	Rauma	50.06 327	eP	P	01 43 31.5 +0.9	
VAF	Ylstaro	50.06 329	eP	P	01 43 31.5 +0.9	
KBN	Korca	50.09 300	P	P	01 43 31.0 -0.2	
KBN	Korca	50.09 300	P	P	01 43 31.0 -0.2	
				pmx	pmx	
	comp=Z,20nm,1.1s					
PUK	Puka	50.58 302	P	I Amb	01 43 34.9 -0.1	
PUK	Puka	50.58 302	P	I Amb	01 43 35.5	
	comp=Z,15nm,1.1s					
AAL	Aland	50.78 325	eP	P	01 43 36.0 -0.1	
VYHS	Vyhne	50.83 310	eP	P	01 43 38.2 +1.6	
VYHS	Vyhne	50.83 310	eP	P	01 43 38.2 +1.6	
ARCES	ARCES Array B	50.93 349	↑P	P	01 43 37.2 +0.4	
	comp=Z,6.6nm,0.6s,baz=104,slow=7.7,SNR=31					
ARCES	ARCES Array B	50.93 349	↑P	LR	LR	02 06 33.2
	comp=Z,66nm,19.8s,baz=56,slow=38					
	comp=Z,6.6nm,0.6s					
PDG	Podgorica	51.01 302	P	I Amb	01 43 37.7 -0.3	
PDG	Podgorica	51.01 302	P	I Amb	01 43 44.6	
	comp=Z,11nm,0.9s					
MORH	Mrgy, Hungar	51.08 307	P	P	01 43 39.6 +1.1	
	comp=Z,4.9nm,0.8s					
MAUC	Maruska	51.46 311	eP	P	01 43 43.4 +2.0	
MORC	Moravsky Berou	51.63 312	↑P	P	01 43 43.8 +1.2	
MORC	Moravsky Berou	51.63 312	↑P	P	01 43 43.5 +0.8	
MORC	Moravsky Berou	51.63 312	↑P	P	01 43 43.5 +0.8	
MORC	Moravsky Berou	51.63 312	↑P	P	01 43 43.5 +0.8	
				pmx	pmx	
	comp=Z,4.0nm,0.7s					
MODS	Modra-Piesok	51.87 310	eP	P	01 43 46.0 +1.6	
MODS	Modra-Piesok	51.87 310	eP	P	01 43 46.0 +1.6	
KRLC	Kraliky	52.11 312	eP	P	01 43 47.2 +1.0	
KRLC	Kraliky	52.11 312	eP	x	01 43 53.1	
KRLC	Kraliky	52.11 312	eP	x	01 43 47.2 +1.0	
KRLC	Kraliky	52.11 312	eP	e	01 43 53.1	
VRAC	Vranov	52.27 311	eP	P	01 43 48.7 +1.3	
VIKU	Vikobalandet	52.28 323	eP	P	01 43 47.5 +0.3	
DPC	Dobruska-Polom	52.39 313	eP	sP	01 43 49.4 +1.1	
DPC	Dobruska-Polom	52.39 313	eP	sP	01 43 49.5 +0.1	
DPC	Dobruska-Polom	52.39 313	eP	P	01 43 49.5 +1.1	
DPC	Dobruska-Polom	52.39 313	eP	P	01 43 49.4 +1.1	
DPC	Dobruska-Polom	52.39 313	eP	P	01 43 49.5 +1.1	
KRUC	Krusky	52.41 311	eP	P	01 43 49.5 +1.1	
OSTC	Ostas	52.45 313	eP	P	01 43 49.6 +0.9	
OSTC	Ostas	52.45 313	eP	x	01 43 55.7	
OSTC	Ostas	52.45 313	eP	P	01 43 49.6 +0.9	
OSTC	Ostas	52.45 313	eP	e	01 43 55.7	
CHVC	Chvalec	52.55 313	eP	P	01 43 50.5 +1.0	
CHVC	Chvalec	52.55 313	eP	P	01 43 50.5 +1.0	
RONA	Rosalia, Austr	52.57 309	eP	P	01 43 50.1 +0.4	
	comp=Z,4.3nm,1.0s					
UPC	Ujice	52.58 313	eP	P	01 43 51.2 +1.5	
UPC	Ujice	52.58 313	eP	P	01 43 51.2 +1.5	
CONA	Conrad Observa	52.85 310	iP	P	01 43 52.0 +0.2	
	comp=Z,7.5nm,1.1s					
ARSA	Arzberg	53.13 309	eP	P	01 43 53.9 0.0	
	comp=Z,2.5nm,0.9s					
SOKA	Soboth	53.53 308	iP	P	01 43 57.7 +0.9	
	comp=Z,6.5nm,1.1s					
PRU	Pruhonic	53.55 312	eP	P	01 43 57.9 +1.1	
PRU	Pruhonic	53.55 312	eP	P	01 43 57.9 +1.1	
CKRC	Cesky Krumlov	53.80 311	eP	P	01 44 02.1 +3.4	
CKRC	Cesky Krumlov	53.80 311	eP	P	01 44 02.1 +3.4	
ZVC	Zvikov	53.82 312	eP	P	01 44 00.3 +1.5	
BVG	Berggiesshubel	53.87 313	iP	P	01 44 00.2 +1.0	
BRG	Berggiesshubel	53.87 313	iP	Amp	01 44 00.9	
	comp=Z,6.4nm,0.7s					
BRG	Berggiesshubel	53.87 313	iP	P	01 44 06.1 +6.9	
BRG	Berggiesshubel	53.87 313	iP	Amp	01 44 07.1	
	comp=Z,5.8nm,0.8s					
OBKA	Obir	53.88 308	eP	P	01 43 59.2 -0.2	
	comp=Z,5.6nm,1.0s					
HFS	Hagfo	54.01 325	P	P	01 43 59.6 +0.3	
	comp=Z,21nm,0.6s,baz=96,slow=8.1,SNR=74					
HFS	Hagfo	54.01 325	P	LR	LR	02 08 15.2
	comp=Z,77nm,19.6s,baz=70,slow=37					
MOA	Molin	53.92 310	iP	P	01 44 00.1 +0.4	
	comp=Z,21nm,0.6s					
CUC	Castrocuoco	53.94 300	P	P	01 44 00.6 +0.7	
GERES	GERESS Array B	54.20 311	eP	P	01 44 02.0 +0.3	
	comp=Z,0.9nm,0.6s,baz=74,slow=8.3,SNR=5.1					
	comp=Z,0.9nm,0.6s					
CEL	Celeste	54.22 298	P	P	01 44 02.2 +0.3	
KHC	Kasperske Hory	54.25 311	eP	P	01 44 03.1 +1.1	
KHC	Kasperske Hory	54.25 311	eP	P	01 44 02.9 +0.9	
				pmx	pmx	
	comp=Z,10.0nm,1.6s					
CLL	Collm	54.43 314	eP	P	01 44 03.0 -0.2	
CLL	Collm	54.43 314	eP	P	01 44 03.0 -0.2	
CLL	Collm	54.43 314	eP	P	01 46 13.5	
MYKA	Terra Mystica	54.48 308	eP	P	01 44 03.1 -0.7	
	comp=Z,1.5nm,0.4s					
MA2	Magadan	54.50 36	LR	LR	02 09 03.1	
	comp=Z,73nm,19.4s,baz=294,slow=38					
PRED	Predel Predi	54.56 308	P	P	01 44 04.9 +0.5	
NC405	NORSAR Array S	54.92 326	P	P	01 44 06.7 0.0	
LESA	Schwarzleotal	55.04 309	eP	P	01 44 07.8 -0.1	
	comp=Z,5.5nm,1.0s					
NB2	NORSAR Subarra	55.17 326	P	P	01 44 07.8 -0.7	
	comp=Z,5.2nm,0.6s,baz=74,slow=7.4					
NB2	NORSAR Subarra	55.17 326	P	P	01 44 04.5 -4.0	
NOA	NORSAR Array B	55.17 326	P	P	01 44 08.2 -0.3	
	comp=Z,8.2nm,0.7s,baz=92,slow=7.0,SNR=31					
NOA	NORSAR Array B	55.17 326	P	LR	LR	02 09 04.6
	comp=Z,59nm,21.1s,baz=195,slow=38					
STAL	STALIGIAL	55.17 308	P	I Amb	01 44 08.4 -0.4	
STAL	STALIGIAL	55.17 308	P	I Amb	01 44 15.3	
	comp=Z,6.8nm,0.8s					
APNV	Abfaltersbach	55.24 309	eP	P	01 44 07.9 -1.3	
	comp=Z,3.1nm,0.9s					
NC204	NORSAR Array S	55.39 326	P	P	01 44 10.3 +0.2	
WTTA	Wattenberg	55.76 309	eP	P	01 44 12.8 -0.3	
	comp=Z,0.9nm,1.3s					
WATA	Walderalm	55.79 309	iP	P	01 44 12.3 -1.0	
	comp=Z,4.3nm,1.0s					
SQTA	Sanct Quirin	56.06 309	eP	P	01 44 14.5 -0.7	
	comp=Z,2.8nm,0.5s					
MOTA	Moosalm	56.11 309	eP	P	01 44 15.0 -0.6	
	comp=Z,3.2nm,0.6s					
SPITS	Spitsbergen Ar	56.23 347	P	P	01 44 16.2 +0.4	
	comp=Z,2.5nm,0.4s,baz=100,slow=9.6,SNR=12					
	comp=Z,2.5nm,0.4s					
RETA	Reutte	56.32 310	eP	P	01 44 17.6 +0.6	
	comp=Z,2.4nm,0.6s					
DAVA	Damuels	56.94 310	iP	P	01 44 21.3 -0.2	

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MBAR	comp=Z,20nm,1.7s					
Mbarara	57.02 248	LR	LR			02 07 16.5
	comp=Z,28nm,18.7s,baz=162,slow=34					
LPG	La Plagne	59.40 308	eP	P	01 44 39.2 +0.2	
LPL	La Plagne	59.41 308	eP	P	01 44 38.9 0.0	
BNI	Bardonecchia	59.55 307	P	I Amb	01 44 39.8 0.0	
BNI	Bardonecchia	59.55 307	P	I Amb	01 44 46.5	
	comp=Z,7.7nm,1.1s					
BNI	Bardonecchia	59.55 307	P	pmx	pmx	01 44 39.8 0.0
BNI	Bardonecchia	59.55 307	P	pmx	pmx	01 44 39.8 0.0
	comp=Z,8.0nm,1.1s					
GIVF	Givet	59.75 313	eP	P	01 44 41.1 +0.2	

014K	baz=322 Tiguyukauvet M baz=308	77.48	28	P	P	01 46 31.7 +0.6
K20K	Telida	77.46	22	P	I Amb	01 46 31.8 +0.6 01 46 32.8
K20K	comp=Z,5.0nm,0.7s Telida	77.46	22	P	P	01 46 32.2 +0.9
E28M	baz=313,SNR=5.3 Babbage River	77.51	14	P	P	01 46 31.9 +0.5
E28M	Babbage River baz=324	77.51	14	P	P	01 46 31.7 +0.3
M17K	Holinta River baz=310	77.58	25	P	P	01 46 33.0 +1.2
N16K	Nishik Lake baz=309	77.67	26	P	P	01 46 33.4 +0.9
I23K	Minto, Yukon-K I23K	77.67	20	P	I Amb	01 46 32.9 +0.5 01 46 33.8
I23K	comp=Z,6.2nm,0.8s Minto, Yukon-K baz=316	77.67	20	P	P	01 46 32.8 +0.5
FYU	Fort Yukon	77.76	17	P	P	01 46 33.6 +0.8 01 46 34.8
FYU	comp=Z,1.0nm,1.0s Porcupine River baz=321	77.83	17	P	P	01 46 33.9 +0.7
G26K	Porcupine River baz=321	77.83	17	P	P	01 46 34.3 +1.1
H25L	Birch Creek	77.83	18	P	P	01 46 32.9 -1.0 01 46 34.8
BP4W	Bear Paw Mtn. BP4W	77.94	21	P	I Amb	01 46 34.8 +0.9
BP4W	comp=Z,6.3nm,1.0s Bear Paw Mtn. baz=315	77.94	21	P	P	01 46 35.2 +1.0 01 46 36.6
L19K	White Mountain L19K	77.99	24	P	I Amb	01 46 35.4 +1.2
L19K	comp=Z,6.4nm,1.0s White Mountain baz=311	77.99	24	P	P	01 46 34.7 +0.4 01 46 35.6
E29M	Blow River	78.03	14	P	I Amb	01 46 34.7 +0.4 01 46 35.0 +0.3
E29M	comp=Z,6.6nm,0.8s Blow River baz=325,SNR=12	78.03	14	P	P	01 46 35.2 +0.5 01 46 35.0 +0.3
CAST	Castle Rocks	78.07	22	P	P	01 46 35.6 +1.0
CAST	Castle Rocks	78.07	22	P	P	01 46 35.7 +0.9
O15K	Ungalikthiuk R baz=309	78.07	28	P	P	01 46 35.8 +0.8
M18K	Stony River baz=311	78.11	24	P	P	01 46 35.2 +0.2 01 46 36.1
L20K	Farewell, AK baz=313	78.12	23	P	P	01 46 35.5 +0.3 01 46 35.2 +0.2
MDM	Murphy Dome	78.14	19	P	I Amb	01 46 35.6 +0.2 01 46 36.1
NEA2	Nenana	78.16	20	P	P	01 46 35.5 +0.3 01 46 35.0 +0.2
NEA2	Nenana baz=316,SNR=8.8	78.16	20	P	P	01 46 35.7 +0.2
N17K	Nushagak Hills baz=310	78.24	26	P	P	01 46 35.5 +0.1 01 46 35.6 +0.1
F28M	Old Crow	78.24	15	P	P	01 46 35.8 +0.2
F28M	Old Crow baz=324	78.24	15	P	P	01 46 37.0 +1.2
POKR	Poker Plat Res baz=318	78.25	19	P	P	01 46 36.0 +0.1 01 46 37.0 +1.2
UNV	Unalaska Valle baz=304	78.26	34	P	P	01 46 36.0 +0.1
COLA	College	78.31	19	i P	pmax	01 46 37.5 +1.4
COLA	comp=Z,9.0nm,0.8s Big River Lodg baz=312	78.34	24	P	P	01 46 36.9 +0.3
M19K	Big River Lodg baz=312	78.34	24	P	P	01 46 37.5 +0.7
PPLA	Porcupine Dome baz=314	78.40	22	P	P	01 46 36.5 -0.6 01 46 37.5 +0.5
G27K	Doyon Strip baz=322	78.47	16	P	P	01 46 37.9 +0.9
PRP	Porcupine Dome	78.48	18	P	P	01 46 37.9 +0.9
PRP	Porcupine Dome baz=319	78.48	18	P	P	01 46 37.9 +0.9
O16K	Kokwok River B baz=318	78.49	27	P	P	01 46 38.3 +0.5
CCB	Clear Creek Bu TRF	78.50	19	P	P	01 46 38.7 -0.3 01 46 38.3 +0.5
TRF	Thorofare Moun baz=316	78.62	21	P	P	01 46 38.9 +1.2
N18K	Kitae Creek baz=312	78.62	25	P	P	01 46 37.7 -0.2 01 46 37.7 -0.4
ILAR	Eielson Array	78.67	19	P	P	01 46 37.7 -0.2 01 46 37.7 -0.4
ILAR	Eielson Array comp=Z,3.4nm,0.8s,baz=304,slow=4.7,SNR=41	78.67	19	P	P	01 49 33.0 -2.2
ILAR	comp=Z,0.6nm,0.8s,baz=310,slow=6.7,SNR=4.6	78.67	19	P	P	01 46 37.7 -0.2 01 46 39.1 +0.7
ILAR	Eielson Array Koitiganek Bris baz=311	78.67	26	P	P	01 46 39.1 +0.2
MCK	McKinley	78.83	21	P	P	01 46 38.7 -0.5
P16K	Nushagak River baz=317	78.89	27	P	P	01 46 39.3 0.0
HDA	Harding Lake	78.92	19	P	P	01 46 39.7 +0.1
H27K	Steamboat Moun baz=323	78.96	16	P	P	01 46 39.7 +0.3
INK	Inuvik baz=329	78.98	13	P	P	01 46 39.8 -0.7
BOSA	Bosfof	79.04	228	P	P	02 17 15.8
BOSA	comp=Z,3.4nm,0.8s,baz=13,slow=5.8,SNR=5.3	79.04	228	P	LR	02 17 15.8
N19K	Bonanza Creek N19K	79.04	24	P	I Amb	01 46 40.8 +0.6 01 46 44.1
N19K	comp=Z,6.4nm,0.7s Bonanza Creek baz=313	79.04	24	P	P	01 46 40.3 +0.1
RND	Reindeer	79.10	21	P	P	01 46 39.6 -0.7 01 46 39.6 -0.7
RND	Reindeer	79.10	21	P	pmax	01 46 41.1 +0.6
RND	comp=Z,4.0nm,0.7s Barrier River baz=327	79.12	14	P	P	01 46 40.2 -0.8 01 46 40.4 -0.6
F30M	Barrier River baz=327	79.12	14	P	P	01 46 41.5 +0.6
J25K	Salcha River	79.22	19	P	P	01 46 41.1 -0.1
J25K	Salcha River, baz=320	79.22	19	P	P	01 46 41.3 +0.1 01 46 41.5 +0.3
G29M	Pine Creek baz=326	79.23	15	P	P	01 46 43.0 +1.2
SKT	Skwentna	79.26	23	P	I Amb	01 46 42.8 +0.6 01 46 44.3
SKT	comp=Z,9.4nm,0.8s Skwentna	79.26	23	P	P	01 46 43.2 +1.0
SKT	Skwentna baz=315,SNR=8.7	79.26	23	P	P	01 46 43.0 +0.8
I26K	Coal Creek Min	79.28	18	P	P	01 46 43.4 +0.8
I26K	Coal Creek Min baz=321	79.28	18	P	P	01 46 43.4 +0.6 01 46 44.3
CUT	Chuilina	79.38	22	P	P	01 46 43.0 +1.2
O18K	Koktuh Hills O18K	79.42	25	P	I Amb	01 46 42.8 +0.6 01 46 44.3
O18K	comp=Z,7.6nm,0.7s Koktuh Hills baz=312	79.42	25	P	P	01 46 43.2 +1.0
I27K	Kandik River baz=323	79.44	17	P	P	01 46 43.0 +0.8
G30M	tAoh Zrail Nji	79.56	14	P	I Amb	01 46 43.4 +0.6 01 46 44.0
G30M	comp=Z,7.1nm,1.0s tAoh Zrail Nji baz=327	79.56	14	P	P	01 46 43.1 +0.3
N20K	Mount Spurr baz=314	79.58	23	P	P	01 46 43.2 +0.2
F31M	Tsiightechic baz=329	79.68	13	P	P	01 46 43.3 0.0
K24K	Donnelly Dome baz=319,SNR=12	79.72	19	P	P	01 46 43.4 -0.3
H29M	Whitestone	79.72	15	P	I Amb	01 46 43.7 +0.1 01 46 44.5
H29M	comp=Z,6.3nm,0.8s Whitestone	79.72	15	P	P	01 46 43.3 -0.3
P18K	Big Mountain, baz=312	79.73	26	P	P	01 46 43.4 -0.4
DHY	Denali Highway	79.79	20	P	P	01 46 44.2 -0.1 01 46 44.2 -0.1
DHY	Denali Highway baz=318,SNR=6	79.79	20	P	P	01 46 44.3 +0.1
J26L	Joseph Creek	79.80	18	P	I Amb	01 46 45.1
J26L	comp=Z,9.1nm,0.8s Joseph Creek	79.80	18	P	P	01 46 44.0 -0.2
SUA	baz=321,SNR=13 Susitna One	79.89	23	P	I Amb	01 46 45.0 +0.2 01 46 45.6
SUA	comp=Z,6.2nm,0.6s Susitna One baz=316	79.89	23	P	P	01 46 44.5 -0.3
EPYK	Eagle Plains	79.97	15	P	I Amb	01 46 44.9 -0.1 01 46 45.5
EPYK	comp=Z,6.0nm,0.9s Eagle Plains baz=327	79.97	15	P	P	01 46 44.3 -0.7
I28M	Miner Creek	79.98	16	P	P	01 46 45.3 +0.1 01 46 44.6 -0.5
I28M	Miner Creek baz=326	79.98	16	P	P	01 46 44.5 -0.6
G31M	Satah River baz=329	80.02	14	P	P	01 46 45.0 -0.6 01 46 45.4 -0.6
WAT6	Susitna Watana baz=318	80.05	21	P	P	01 46 45.6 -0.3 01 46 46.8
SCRK	Sand Creek	80.09	19	P	I Amb	01 46 45.5 -0.3 01 46 46.8
SCRK	comp=Z,7.4nm,0.9s Sand Creek baz=321,SNR=12	80.09	19	P	P	01 46 45.5 -0.3
EGAK	Eagle	80.22	17	P	P	01 46 46.2 -0.1
P19K	Oil Pt baz=314	80.26	25	P	P	01 46 46.4 -0.5
PMR	Palmer baz=317	80.34	22	P	P	01 46 46.8 -0.2
SML	Sawmill	80.44	22	P	P	01 46 48.1 +0.5 01 46 47.5 -0.1
SML	Sawmill baz=318,SNR=8.3	80.44	22	P	P	01 46 47.6 -0.1
PAX	Paxson baz=320	80.44	20	P	P	01 46 47.6 -0.1
I29M	Ogilvie Camp, baz=326	80.45	16	P	P	01 46 47.6 0.0
RC01	Rabbit Creek A	80.50	23	P	P	01 46 47.8 -0.1
K27K	Chicken	80.58	18	P	P	01 46 48.8 +0.5 01 46 48.6 +0.4
K27K	Chicken baz=322	80.58	18	P	P	01 46 48.6 -0.1
M23K	Glarier View baz=318	80.64	21	P	P	01 46 48.2 -0.6
Q19K	Cape Douglas, baz=314	80.64	26	P	P	01 46 49.3 +0.3 01 46 48.9 -0.1
KNK	Knik Glacier	80.69	22	P	P	01 46 49.4 +0.1 01 46 51.9
KNK	Knik Glacier baz=317	80.69	22	P	P	01 46 49.1 -0.1
SCM	Sheep Creek Mo SCM	80.74	21	P	I Amb	01 46 49.4 +0.1
SCM	comp=Z,6.9nm,0.7s Sheep Creek Mo baz=318	80.74	21	P	pmax	01 46 50.5 +0.5
SCM	Sheep Creek Mo SCM	80.74	21	P	pmax	01 46 50.0 -0.4 01 46 50.9
M24K	Tolsona, Glenn baz=319	80.89	21	P	P	01 46 49.9 -0.5
H31M	Peel River	80.97	14	P	I Amb	01 46 50.6 +0.1 01 46 50.6 -0.1
H31M	comp=Z,4.6nm,0.7s Peel River baz=329	80.97	14	P	P	01 46 50.6 +0.1
HARP	HAARP	80.98	20	P	P	01 46 50.6 -0.2
I30M	Mount Dempster I30M	81.01	15	P	I Amb	01 46 50.4 -0.4 01 46 51.4
I30M	comp=Z,5.2nm,0.9s Mount Dempster baz=327,SNR=8	81.01	15	P	P	01 46 50.4 -0.4
L26K	Log Cabin Wild baz=322	81.02	19	P	P	01 46 51.1 +0.4
BRSE	Bradley Lake S baz=316	81.13	24	P	P	01 46 50.9 -0.2
R18K	Kariuk	81.27	27	P	P	01 46 51.8 -0.4
SEW	Seward baz=313	81.32	23	P	P	01 46 51.7 -0.5
L27K	Beaver Creek, L27K	81.41	18	P	P	01 46 53.2 +0.4 01 46 53.1 +0.3
L27K	Beaver Creek, baz=323,SNR=5.9	81.41	18	P	P	01 46 53.4 +0.5 01 46 53.4 +0.4
BCAR	Beaver Creek A Klutina	81.44	21	P	I Amb	01 46 54.4
KLU	Klutina	81.44	21	P	P	01 46 53.4 +0.4
GLI	Glacier Island baz=319	81.53	22	P	P	01 46 53.3 -0.1
J30M	Hart River	81.57	16	P	I Amb	01 46 54.0 +0.3 01 46 54.7
J30M	comp=Z,4.8nm,0.8s Hart River baz=327,SNR=7.8	81.57	16	P	P	01 46 53.5 -0.2
M26K	Nabesna, AK	81.61	19	P	I Amb	01 46 53.4 -0.5 01 46 56.5
M26K	comp=Z,11nm,1.2s Chilna, Valde baz=321	81.76	20	P	P	01 46 55.2 +0.5
N25K	Kodiak Island KODAK	81.84	26	P	P	01 46 55.3 +0.2 01 46 55.5 +0.5
KODAK	Kodiak Island baz=314	81.84	26	P	P	01 46 55.3 +0.2
KODAK	Kodiak Island KODAK	81.84	26	P	pmax	01 46 55.3 +0.2
K29M	Barlow Dome	81.90	16	P	I Amb	01 46 55.8 +0.3 01 46 56.5
K29M	comp=Z,5.0nm,0.8s Barlow Dome baz=326,SNR=7.3	81.90	16	P	P	01 46 55.7 +0.2
M27K	Edge Creek, AK baz=323	81.96	19	P	P	01 46 56.6 +0.7
SII	Sitkinak Island	82.06	28	P	P	01 46 56.5 +0.2
P23K	Montague Isan baz=313	82.09	23	P	P	01

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like ABKAR, BOSHA, BRTR, TXAR.

SOME 05:02:36:11.1, 40:57N:81:78E, h0km
NMC 05:02:36:16.9, 7.3, 41:56N:83:47E, h5km, 31km, mb3.5,
mpv3, 1, Error ellipse: s-maj=47.7km s-min=18.6km
az=152.0

ISC 05:02:36:16.6-2.7, 41:6N:01:83:46E:0.10, h10km, n9,
a190/16, 4C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KTMES, SHLS, PDGK, UZB, DJR, KAPS, MK31, MAK2, MAZ, TKM2.

IDC 05:02:40:22.0, 1.0, 2:87S: 128:53E, h0km, mb3.8/4,
mtbpm3.9/6, ML4.1/2, Error ellipse: s-maj=46.8km
s-min=23.4km az=63.0

DJA 05:02:40:26.1, 0.3, 3:3S:3:12'E, h10km, M4.3/9, mb4.6/3,
mB4.2/1, MLV4.2/9, Mw(mB)3.3/1

ISC 05:02:40:27.7-0.8, 3:04S:0:09:128:23E:0.08, h35km, n15,
a193/16, mb3.8/4, Seram

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NLA1, SAN1, LBM1, SWI, FAKI, KMPI, GTO1, KAPI, WRA, ASAR, MKAR, KURB8, ILAR, TORD, LPAZ.

IDC 05:02:53:42.2, 1.0, 13:33S:45:78E, h0km, mb3.9/5,
mtbpm3.9/5, MS3.1/8, Error ellipse: s-maj=43.4km
s-min=28.9km az=133.0

NEIC 05:02:53:42.9, 1.1, 13:0S:01:45:7E:0.2, h10km, 1km,
mb4.5/8, Error ellipse: s-maj=26.5km s-min=17.7km
az=287.0

ISC 05:02:53:41.7-0.7, 12:95S:0:09:45:5E:0.1, h10km, n36,
a205/23, mb4.2/8, MS3.2/6, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like OPO, ABPO, RER, MSEA, KIBK, LSZ, MOPA, MUSN, MBAR, POGA, LBTB, TSMU, SUR, ABKAR.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like MKAR, BVAR, KIRV, NOA, ASAR, WRA, WB2, TXAR.

IDC 05:03:04:39.1, 1.3, 54:36N:169:10E, h0km, mb3.8/10,
mtbpm3.8/12, ML3.6/2, MS3.1/1, Error ellipse:
s-maj=41.0km s-min=16.2km az=6.0

KRSC 05:03:04:43.4, 1.8, 53:35N:163:24E, h7km, 53km, M4.1,
ISC 05:03:04:38.9-0.8, 53:88N:0:08:169:06E:0.06, h10km, n51,
a237/65, mb3.9/10, Komandorski Islands Region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like BKI, SHEM, KBTR, MKZ, TUMD, ZLNU, BZGR, LGNR, BZP, BZMR, BZWR, KRRS, KMINR, KIRR, SPN, KPT, KIL, NLC, SRDR, UGLR, SMAR, KRRER, AVH, KRX, KOK, RUS, GNL, KRMR, MTRV, GRN, PETK, ASAK, KDTR, KDAR, ILAR.

H1N2 WAKE ISLAND Hy 34.13 184 T T 03 47 48.1

H1N3 WAKE ISLAND Hy 34.15 184 T T 03 47 49.5

H1N1 WAKE ISLAND Hy 35.14 184 T T 03 47 50.4

H1S1 WAKE ISLAND Hy 35.35 184 T T 03 49 21.5

H1S3 WAKE ISLAND Hy 35.37 184 T T 03 49 20.9

H1S2 WAKE ISLAND Hy 35.37 184 T T 03 49 23.4

SOMN Songliao Bay 38.85 287 P P 03 12 05.8+1.7

NEW Newport 44.78 66 LR comp=2.24nm, 20.1s, baz=212, slow=53

KURB8 Kurchatov Arra 51.84 306 P P 03 13 46.3-0.5

PDAR Pinedale Array 52.37 67 P P 03 13 51.4+0.3

MKAR Makanchi Array 52.52 300 P P 03 13 51.5-0.4

BVAR Borovoye Array 53.96 312 P P 03 14 01.8-0.6

ARCES ARCESS Array B 54.06 345 P P 03 14 01.0-1.9

NOA NORSAR Array B 64.08 348 P P 03 15 10.9-1.6

TXAR Lajitas Array 65.33 74 P P 03 15 22.5+1.3

IDC 05:03:18:03.5, 1.7, 0:90N:125:58E, h0km, mb3.6/4,
mtbpm3.7/4, Error ellipse: s-maj=184.8km
s-min=22.7km az=65.0, Northern Molucca Sea

WRA Warramunga Arr 22.43 158 P P 03 23 03.8-0.3

ASAR Alice Springs 25.73 162 P P 03 23 36.0+0.2

MKAR Makanchi Array 59.24 327 P P 03 28 06.8+0.1

KURB8 Kurchatov Arra 63.51 329 P P 03 28 35.4-0.1

IDC 05:03:18:03.5, 1.7, 0:90N:125:58E, h0km, mb3.6/4,
mtbpm3.7/4, Error ellipse: s-maj=184.8km
s-min=22.7km az=65.0, Northern Molucca Sea

WRA Warramunga Arr 22.43 158 P P 03 23 03.8-0.3

ASAR Alice Springs 25.73 162 P P 03 23 36.0+0.2

MKAR Makanchi Array 59.24 327 P P 03 28 06.8+0.1

KURB8 Kurchatov Arra 63.51 329 P P 03 28 35.4-0.1

FUNV5 Funvost Array 10.74 295 P P 03 29 05.8+1.7

IDC 05:04:02:38.2, 10:74N:68:95W, h5km, MW3.8, 6C-3D, Near
coast of Venezuela

JACV Jacura 0.36 181 P P 04 02 45.0-0.2

TEPV Terepaima 0.81 197 P P 04 02 53.7-0.1

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like TEPV, SIOV, BENV, TACV, BAUV, FUNVISIS, SOCV, MCQV, CACV, CAPV.

ROM 05:04:13:14.3:0.1, 46:43N:0:00:44E:0.00, h1km, ML2.2/62, Error ellipse: s-maj=0.5km s-min=0.4km
az=334.0

LJU 05:04:13:14.0:46:44N:13:08E, h16km, ML1.8
PRU 05:04:13:15.6:46:46N:13:09E, h1km, ML1.8
VIE 05:04:13:14.0:46:45N:13:09E, h13km, 1km, mb1.8/16,
m12/19, 6C-7D, Error ellipse: s-maj=1.1km
s-min=0.7km az=25.0, Austria

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like FUSE, PLRO, BOO, CLUD, GEFP, PTCC, MPRI, BUA, VINO, BAD, LSR, ACOM, CSMI, STAL, WRA, ASAR, MKAR, KURB8, PDAR, ARCES, NOA, TXAR.

PTCC Patocco-Chiusa 0.18 103 P P 04 13 18.9+0.2

MPRI Monte Prat 0.22 199 P P 04 13 19.2+0.2

BUA Buia 0.23 175 P P 04 13 19.3-0.1

VINO Villanova 0.23 145 P P 04 13 19.4-0.1

VINO Villanova 0.23 145 P P 04 13 19.3+0.5

VINO Villanova 0.23 145 P P 04 13 23.2+0.4

VINO Villanova 0.23 145 P P 04 13 23.2+0.4

VINO Villanova 0.23 145 P P 04 13 23.2+0.4

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VINO Villanova 0.23 145 P P 04 13 23.2+0.4

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

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5d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Kurchatov Arra, Kurbb, MKAR, and MKAR.

ISK 05 04:53:03.5, 39°07'N, 104°35'E, h16km, ML2.9/B
AFAD 05 04:53:04.2, 0.39, 10°N, 104°30'E, h7km, ML2.3
ISC 05 04:53:04.1, 1.0, 39°10'N, 104°03.4, 0.02, h10km, gkm, n22, r1501/36, Turkey

Main station list table for the first section, including stations like Bingli, Yedisu-Bingol, Solhan, Elazig, Kovanc, etc.

CATAC 05 04:54:42.5, 0.13, 25°N, 91°99'W, h6km, 6km, MB5.0, mb4.8, ML4.6
MEX 05 04:54:42.3, 0.7, 13°13'N, 92°19'W, h23km, 35km, MD4.7
CGG 05 04:54:44.2, 3.7, 13°40'N, 92°01'W, h55km, MD4.2
SNET 05 04:54:44.6, 0.9, 13°35'N, 92°01'W, h34km, 224km, ML4.5
NEIC 05 04:54:47.5, 1.8, 13°37'N, 107°92'04'W, 0.07, h47km, 7km, mb4.6/257, Error ellipse: s-maj=11.3km s-min=7.9km az=217.0
IDC 05 04:54:49.1, 2.9, 13°31'N, 91°76'W, h70km, 23km, mb4.0/9, mbtmp4.3/14, MS3.5/36, Error ellipse: s-maj=24.2km s-min=12.7km az=57.0
ISC 05 04:54:44.2, 2.8, 13°24'N, 106°92'16'W, 0.04, h31km, 21km, n407, r1570/353, mb4.6/116, MS3.5/34, 1C-1D, Off coast of Chiapas

Main station list table for the second section, including stations like Suchitepequez, Retalhuleu, Kika Raxquin, etc.

2018 JUN

Main station list table for the third section, including stations like El Apazote, Las Nubes, Lomas de Alarc, etc.

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Main station list table for the fourth section, including stations like Jucuarin, Intipuca, La Caada, etc.

FTIG	Fresnillo de T	7.39 310	Pn	04 56 32.2 +2.0
FTIG	Fresnillo de T	7.39 310	Sn	04 57 50.0 -2.7
FTIG	Fresnillo de T	7.39 310	eP	04 56 32.2 +2.0
MGIG	Malinaltepec	7.41 303	Sn	04 57 50.4 -2.7
MGIG	Malinaltepec	7.41 303	Pn	04 56 31.8 +1.4
MGIG	Malinaltepec	7.41 303	eS	04 57 49.4 -4.1
JAVU	Jalcomulco	7.55 324	eS	04 56 31.8 +1.4
JAVU	Jalcomulco	7.55 324	eS	04 57 49.4 -4.1
JAVU	Jalcomulco	7.55 324	eS	04 56 29.5 -2.7
JAVU	Jalcomulco	7.55 324	eS	04 57 49.9 -7.0
CRIG	Cruz Grande	7.58 298	Pn	04 56 32.3 -0.4
CRIG	Cruz Grande	7.58 298	eP	04 57 49.4 -4.1
JRIS	Las Juntas de	7.64 112	Pn	04 56 33.7 +0.2
JRIS	Las Juntas de	7.64 112	Pn	04 56 33.7 +0.2
JTS	comp=Z,4.6nm,0.3s,baz=103,slow=22,SNR=9.7		S	04 57 54.0 -5.1
TEIG	Tepeich	7.88 28	Pn	04 56 35.8 -0.9
TEIG	Tepeich	7.88 28	Pn	04 56 37.0 +0.3
TEIG	comp=Z,43nm,0.3s,baz=181,slow=0.6,SNR=238		S	04 58 04.3 -0.5
TEIG	comp=Z,39nm,0.5s,baz=300,slow=21,SNR=6.9		LR	05 00 13.0
TEIG	comp=Z,437nm,19.1s,baz=214,slow=42		LR	05 00 13.0
DAIG	Los Arroyos	8.15 298	Pn	04 56 40.7 +0.2
DAIG	Los Arroyos	8.15 298	eP	04 58 05.7 -6.0
DAIG	Los Arroyos	8.15 298	eS	04 58 05.7 -6.0
PPM	Popocatepetl	8.49 314	Sn	04 56 48.5 +2.8
PPM	Popocatepetl	8.49 314	eS	04 58 22.9 +2.1
PPM	Popocatepetl	8.49 314	eS	04 56 48.5 +2.8
MEIG	Mezcala	8.57 304	Pn	04 58 22.9 +2.1
MEIG	Mezcala	8.57 304	Pn	04 58 16.5 -5.5
MEIG	Mezcala	8.57 304	eP	04 56 48.0 +1.7
MEIG	Mezcala	8.57 304	eS	04 58 16.5 -5.5
XCUV	Xoxquihui	8.64 324	eP	04 56 43.9 -3.3
XCUV	Xoxquihui	8.64 324	eS	04 58 18.0 -5.1
YAGI	Yautepac	8.68 311	Pn	04 58 49.9 +2.1
YAGI	Yautepac	8.68 311	eS	04 58 21.1 -3.8
YAGI	Yautepac	8.68 311	eS	04 56 47.0 -1.0
CAIG	El Cayaco	8.70 297	Pn	04 56 47.0 -1.0
CAIG	El Cayaco	8.70 297	eP	04 57 18.9 +1.9
CAIG	El Cayaco	8.70 297	eP	04 57 18.9 +1.9
PLIG	Platanillo	8.73 307	Pn	04 56 50.7 +2.3
PLIG	Platanillo	8.73 307	eP	04 56 50.7 +2.3
MPVM	San Francisco	8.86 313	eP	04 56 50.6 +0.2
TLVM	San Miguel Top	8.96 312	eP	04 56 51.8 +0.1
AVM	Tlapan	9.12 312	eP	04 56 53.6 -0.8
ARIG	Puente Sto Nin	9.27 327	eP	04 58 48.9 +0.8
ARIG	Puente Sto Nin	9.27 327	eS	04 56 57.6 +0.8
ARIG	Puente Sto Nin	9.27 327	eS	04 58 40.5 -0.4
DEIG	Demacu	9.62 318	eP	04 57 01.5 +0.5
DHIG	Demacu	9.62 318	eP	04 57 01.5 +0.5
DHIG	Zihuatanejo	9.97 327	eP	04 57 07.6 +2.2
DHIG	Zihuatanejo	9.97 327	eS	04 58 49.1 -7.2
ZIG	Llano Grande	10.10 325	eS	04 57 06.0 -1.2
CTUV	Llano Grande	10.10 325	eS	04 58 57.0 -2.5
MOIG	Morelia	10.77 308	Pn	04 57 18.9 +1.9
MOIG	Morelia	10.77 308	Pn	04 57 19.0 +2.4
GTIG	Gomez Farias	11.82 327	eP	04 57 33.0 +2.1
GTIG	Gomez Farias	11.82 327	eP	04 57 33.0 +2.1
COIG	Colima	12.55 300	eP	04 57 40.5 -0.3
JUBC	Volcan de Coli	12.60 301	eP	04 57 40.1 -1.6
EZSV	Volcan de Coli	12.61 301	eP	04 57 42.0 +0.1
EZSV	Volcan de Coli	12.61 301	eP	04 57 42.0 +0.1
MNGA	Volcan de Coli	12.62 301	eP	04 57 42.4 +0.5
INCO	Volcan de Coli	12.63 301	eP	04 57 46.0 +3.7
SOMAC	Volcano de Col	12.65 301	eP	04 57 47.3 +4.8
CDAR	Ciudad de Arme	12.72 298	eP	04 57 42.7 -0.3
CEGR	Campo Tres	12.79 343	eP	04 57 44.4 +0.3
SOR	Sora	12.88 41	Pn	04 57 44.6 +0.5
ZAIG	Zacatecas	13.70 315	Pn	04 57 58.0 +1.3
ZAIG	Zacatecas	13.70 315	eP	04 57 58.2 +1.5
ANIG	Ahuacatlan	14.13 305	Pn	04 58 05.1 +2.6
ANIG	Ahuacatlan	14.13 305	eP	04 58 05.1 +2.6
HEVL	Hebbronville	15.04 317	Pn	04 58 15.7 +1.0
HNDO	Hondo	17.50 339	Pn	04 58 46.0 0.0
DRIO	Del Rio	17.91 335	Pn	04 58 52.0 +0.8
JCT	Junction City	18.55 339	Pn	04 58 59.8 +1.2
IMBA	Imbabura, San	18.80 332	P	04 59 03.5 +0.5
SAND	Sanderson	19.02 333	P	04 59 04.0 +0.3
BRDY	Brady	19.25 328	P	04 59 07.1 +1.0
TXAR	Lajas Array	19.25 328	P	04 59 09.2 +1.8
TXAR	Lajas Array	19.25 328	P	04 59 09.2 +1.8
TX31	comp=Z,4.5nm,0.9s,baz=159,slow=12,SNR=40		P	04 59 07.1 +0.8
143A	Lajas Ar. Si.	19.25 328	P	04 59 07.8 +0.2
143A	Soes Landing	19.29 2	Iamb	04 59 09.5
OZNA	Ozona	19.44 336	P	04 59 09.3 +1.0
ROSC	El Rosal	19.48 114	P	04 59 08.5 -0.7
146A	Union	19.51 8	P	04 59 10.6 +1.6
TIGA	Tifton	19.75 22	P	04 59 11.5 -0.1
TIGA	comp=Z,4.7nm,1.2s		Iamb	04 59 13.9
FW07	Weatherford	20.05 346	Iamb	04 59 25.8
Z47A	Carrollton	20.21 10	P	04 59 16.5 -0.1
LRLA	Lakeview Retre	20.26 13	P	04 59 17.1 0.0
LPIG	La Paz	20.28 305	LR	05 06 59.6
SG33	comp=Z,99nm,18.0s,baz=172,slow=56		Iamb	04 59 20.5
SG33	Sterling City	20.33 338	Iamb	04 59 20.5
ABTX	Ahliene, Hawie	20.47 342	Iamb	04 59 23.4
152A	Waverly Hall	20.50 18	Iamb	04 59 25.6
Z35A	Perchaven, San	20.53 348	Iamb	04 59 40.1
CCAR	Cane Creek	20.59 1	P	04 59 21.0 +0.3
CCAR	Cane Creek	20.59 1	Iamb	04 59 22.7
Y45A	Yeager Farm, C	20.67 6	Iamb	04 59 24.0
ODSA	Odesa	21.07 335	Iamb	04 59 28.9
VHRN	Van Horn	21.09 328	Iamb	04 59 33.0
SN05	Snyder S	21.11 339	Iamb	04 59 30.9
LOOK	Love County	21.16 348	Iamb	04 59 32.6
MIAR	Mount Ida	21.25 357	P	04 59 28.6 +0.7
APMT	Aspermont	21.27 341	P	04 59 29.1 +0.9
APMT	Aspermont	21.27 341	Iamb	04 59 31.5
SN07	Snyder 07	21.31 339	Iamb	04 59 31.1
OXF	Oxford	21.32 6	P	04 59 28.0 -0.6
OXF	Oxford	21.32 6	Iamb	04 59 32.4
SDV	Santo Domingo	21.56 99	P	04 59 31.6 0.0
SDV	Santo Domingo	21.56 99	Iamb	04 59 35.0
SDV	Santo Domingo	21.56 99	P	04 59 30.8 -0.7
SDV	comp=Z,12nm,0.6s,baz=330,slow=13,SNR=7.2		LR	05 08 42.0
GOGA	Godfrey	21.59 20	Iamb	04 59 35.0
DKNS	Dickens	21.84 340	P	04 59 33.9 -0.4
PLAL	Picklake Lake	21.96 9	P	04 59 36.1 -0.4
FPAL	Fort Paine	22.02 15	Iamb	04 59 39.0
W35A	Secumseh	22.23 350	Iamb	04 59 40.2
SWET	Swetmore	22.25 13	Iamb	04 59 43.8
HODGE	Hodges	22.75 22	Iamb	04 59 45.8
LCAR	Lake Charles	22.75 2	Iamb	04 59 45.6
V48A	Smith Brothers	22.91 11	Iamb	04 59 47.2
JPCST	Cooper Cave	23.16 16	Iamb	05 00 11.9
CJCT	Jenkinsville	23.16 23	Iamb	04 59 50.4
AMTX	Amarillo	23.21 340	Iamb	04 59 59.1

BG3	Lake Jocassee	23.21 20	Iamb	04 59 50.6
Y57A	Sumter	23.28 25	Iamb	04 59 48.8
CLTN	Ceas of Leba	23.35 12	Iamb	04 59 51.1
PAULI	Pauline	23.44 22	Iamb	04 59 52.7
PBMO	Poplar Bluff	23.49 3	Iamb	04 59 52.9
OK051	E0350 and S346	23.54 351	Iamb	04 59 53.9
TKL	Tuckaleechee C	23.57 17	LR	05 09 48.1
424A	Van Buren	23.71 2	Iamb	04 59 54.9
B52A	Sevierville	23.79 17	Iamb	04 59 55.8
VIRD	Birdtown, Kers	23.80 24	Iamb	04 59 55.0
MGMO	Mountain Grove	23.81 360	Iamb	04 59 57.4
V53A	Saluda	23.87 19	Iamb	05 00 04.9
U49A	Red Boiling Sp	23.87 13	Iamb	05 00 04.8
KMCS	Kings Mountain	23.90 22	Iamb	04 59 56.8
121A	Cookes Peak, D	23.94 326	Iamb	05 00 15.6
319A	Douglas	23.95 322	Iamb	05 00 00.0
BAUV	El Baul	24.07 98	P	04 59 56.6 -0.2
S39A	Bolivar	24.37 358	Iamb	05 00 02.5
TZTN	Tazewell	24.46 17	Iamb	05 00 01.7
T50A	Nancy	24.57 14	Iamb	05 00 04.7
V50A	Taylorville	24.58 22	Iamb	05 00 02.9
R45A	Maddies Statio	24.95 360	Iamb	05 00 21.3
RTBA	Rita Blanca	24.98 339	Iamb	05 00 09.8
UN6A	Albuquerque	25.19 332	P	05 00 07.6 +0.3
AM5A	Kingo	25.25 23	Iamb	05 00 09.7
V58A	Windy Hill, Pi	25.34 25	Iamb	05 00 09.4
WCI	Wyandotte Cave	25.43 11	P	05 00 08.2 -1.0
SS1A	Beattyville	25.47 16	Iamb	05 00 12.6
R49C	Tucson	25.52 321	P	05 00 11.1 +0.9
T94A	Shelbyville	25.71 13	Iamb	05 00 22.4
R50A	Paris	25.89 14	Iamb	05 00 14.0
KSU1	Kansas State U	26.06 352	Iamb	05 00 17.2
Q51A	Peebles	26.84 15	Iamb	05 00 23.1
T59A	Double "B" Far	27.01 26	Iamb	05 00 24.5
Q52A	Bidwell	27.07 17	Iamb	05 00 25.2
R55A	Clinton	27.14 21	Iamb	05 00 26.1
HDIL	Hopedale	27.33 5	Iamb	05 00 27.4
Q54A	Lafayette	27.40 8	Iamb	05 00 27.9
SF1A	Coxs Mills	27.53 19	Iamb	05 00 29.4
R58B	Mineral	27.71 25	Iamb	05 00 31.0
P53A	Whipple	27.82 18	Iamb	05 00 39.7
MVCO	Mesa Verde	27.99 331	Iamb	05 00 36.1
ESJX	Sierra Juarez	28.17 314	P	05 00 39.2 +0.2
NNA	Nana	29.31 148	LR	05 10 10.8
L48A	N Adams	29.38 12	Iamb	05 00 44.4
HMU	Henry Mountain	29.64 329	Iamb	05 00 51.2
PMD	Palm Desert	29.97 317	P	05 00 50.5 +0.5
PFO	Pinyon Flats O	30.00 317	LR	05 14 42.9
KNB	Kanab	30.04 326	Iamb	05 00 54.8
O20A	White River Ci	30.30 335	Iamb	05 00 58.6
V12A	Nelson	30.31 322	Iamb	05 00 56.9
Q16A	Castle Valley	30.62 330	Iamb	05 00 59.7
P17A	Butcher Ranch	30.85 331	Iamb	05 01 01.4
BSUT	Blindstream Ca	31.17 332	Iamb	05 01 11.8
CTU	Camp Tracy	32.29 331	P	05 01 12.0 +1.5
SPR3	Spring Creek S	32.30 327	P	05 01 11.6 +0.8
SPR3	Spring Creek S	32.30 327	Iamb	05 01 14.2
TCUT	Toone Canyon	32.47 332	P	05 01 12.4 +0.3
HWUT	Hardware Ranch	32.93 333	Iamb	05 01 21.9
PDAR	Pinedale Array	33.05 336	P	05 01 18.8 +1.6
SPUT	South Promonto	33.10 331	Iamb	05 01 21.2
DISP	Deep Springs	33.29 321	P	05 01 20.5 +1.5
SADO	Sadova	33.33 17	LR	05 16 54.9
HVU	Hanse Valley	33.62 332	Iamb	05 01 25.8
REDW	Red Top Meadow	34.06 335	P	05 01 27.4 +1.4
NV11	Mina Array Sit	34.08 322	P	05 01 27.0 +0.9
SNOW	Snow King Moun	34.11 336	P	05 01 27.1 +0.7
NVAR	Mina Array Bea	34.17 322	P	05 01 27.9 +0.9
NVAR	Mina Array Bea	34.17 322	P	05 01 29.9 +2.9
NVAR	comp=Z,1.5nm,0.8s,baz=143,slow=3,SNR=5.2		P	05 04 04.8 +1.1
NVAR	comp=Z,7.7nm,18.3s,baz=163,slow=38		LR	05 16 37.5
LOHW	Long Hollow	34.17 336	Iamb	05 01 30.0
TPAW	Teton Pass	34.21 335	P	05 01 28.0 +0.6
MOOW	Moose Ponds	34.34 336	Iamb	05 01 32.6
FXWY	Fox Creek	34.36 335	Iamb	05 01 31.6
KVN	Kaiserville	34.45 323	Iamb	05 01 34.4
ETMB	Extrema	34.47 130	P	05 01 30.2 +0.6
ETMB	Extrema	34.47 130	Iamb	05 01 42.1
IMW	Indian Meadow	34.54 336	P	05 01 31.9 +1.7
IMW	Indian Meadow	34.54 336	Iamb	05 01 34.5
PNTR	Pine Nut	35.37 322	P	05 01 38.1 +0.7
PNTR	Pine Nut	35.37 322	Iamb	05 01 41.5
YHL	Hebgen Lake	35.44 336	Iamb	05 01 42.6
PAHR	Pat Rih Range	35.63 323	Iamb	05 01 43.5
HLID	Hailey	35.77 332	Iamb	05 01 44.0
SAML	Samuel	36.25 126	P	05 01 45.3 +0.4
WFOR	Wild Horse Val	36.32 330	Iamb	05 02 07.2
WFOR	Wild Horse Val	36.32 330	Iamb	05 01 54.9
J0				

Table with columns: NEZ, MRZ, WCZ, etc. Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like North Egmont, Mangatoinaka R, Waipua Caves, etc.

IDC 05 06:35:43.9, 8.0, 35.38N:22.22E, h0km, mb3.6/3, mbmp3.4/5, ML2.1/2, Error ellipse: s-maj=144.5km s-min=58.5km az=31.0

THE 05 06:35:53.5, 35.05N:22.92E, h2km, 3km, ML2.8/5, Error ellipse: s-maj=9.9km s-min=1.5km az=83.0

ATH 05 06:35:54.2, 35.06N:22.99E, h10km, 3km, ML2.8/4, Error ellipse: s-maj=4.9km s-min=1.5km az=58.0

ISC 05 06:35:49.6, 2.2, 35.00N:08.22E, h0.07, h15km, 10km, n18, c1545/28, mb3.5/3, Central Mediterranean Sea

Main station list for the first section, including KANDR, ANKY, GVD, IMMV, VLI, etc. with their respective coordinates and parameters.

KRSC 05 06:38:00.8, 1.5, 48.90N:156.15E, h118km, 28km, M13.5, East of Kuril Islands

Station list for the KRSC section, including KDTR, ASAK, MTRV, etc.

WEL 05 06:40:11.7, 1.8, 38.5S:4.17E, h10km, 10km, M2.1/6, ML2.3/6, MLV2.1/6, Error ellipse: s-maj=0.0km s-min=0.0km az=52.9, confirmed, North Island

Station list for the WEL section, including MARZ, EDZR, TURN, etc.

IDC 05 06:53:04.3, 1.9, 3.84S:130.04E, h0km, mb3.9/3, mbmp3.8/4, ML3.3/1, M52.7/1, Error ellipse: s-maj=138.5km s-min=25.6km az=71.0, Terrace

Station list for the IDC section, including KAPI, WRA, ASAR, etc.

IDC 05 07:00:37.7, 2.5, 54.17N:86.30E, h0km, mbmp3.0/2, ML2.8/2, Error ellipse: s-maj=19.3km s-min=11.6km az=82.0, Southwestern Siberia

Station list for the IDC section, including KAPI, WRA, ASAR, etc.

Station list for the second section, including H46RU, ZALV, ZALV, etc.

IDC 05 07:07:40.5, 9.2, 17.54S:172.89W, h0km, mb4.3/3, mbmp4.4/4, ML4.1/1, Error ellipse: s-maj=174.2km s-min=162.0km az=142.0

NEIC 05 07:07:03.0, 1.9, 18.9S:0.2, 177.81W:0.06, h44km, 11km, mb4.2/2, Error ellipse: s-maj=23.1km s-min=5.4km az=164.0

ISC 05 07:02:06.0, 2.7, 19.1S:0.1, 177.83W:0.10, h450km, n44, c185/43, mb4.2/12, Fiji Islands region

Main station list for the second section, including MSFV, NIUE, AFI, etc.

ISK 05 07:09:05.3, 37.16N:27.90E, h0km, 1km, ML1.2/6, Suspected Mining explosion., Turkey

Station list for the ISK section, including MLBS, MILAS, TURN, etc.

AFAD 05 07:09:34.5, 0.0, 38.47N:26.76E, h7km, 1km, ML1.4, Aegean Sea

Station list for the AFAD section, including URLA, ZIRL, ZIRL, etc.

IDC 05 07:10:15.1, 3.1, 54.47N:86.92E, h0km, mbmp3.0/2, ML2.7/2, Error ellipse: s-maj=27.4km s-min=19.1km az=51.0, Southwestern Siberia

Station list for the IDC section, including H46RU, ZALV, ZALV, etc.

WEL 05 07:21:33.3, 0.3, 38.5S:2.17E, h4km, 2km, M3.4/33, ML3.8/32, MLV3.4/33, Error ellipse: s-maj=0.0km s-min=0.0km az=3.8, confirmed, North Island

Station list for the WEL section, including H46RU, ZALV, ZALV, etc.

Main station list for the third section, including EDRZ, MARZ, MKRZ, etc.

WEL 05 07:22:11.2, 38.04S:176.73E, h2km, ML3.9, Mw3.7, Moment Tensor Solution, s4 Moment tensor: Mw=4.153; Mw2=7.63; Mw3=13.90; Mw7=56; Mw1=13.36; Mw1.422; Fault plane solution: NP1=53.00000; s41.00000; s49.00000; NP2=245.00000; s50.00000; s82.00000; Principal axes: T 36.2100, P165.0000, Azm329.0000; N 6.2800, P165.0000, Azm59.0000; P -42.4900, P162.0000; Azm203.0000; NORTH ISLAND

WEL 05 07:27:51.2, 1.1, 21.6, 38.5S:3.17E, h7km, 9km, ML3.4/6, ML4.3/6, MLV3.9/6 Error ellipse: s-maj=0.0km s-min=0.0km az=74.5, confirmed, North Island

Station list for the WEL section, including KAFS, MARZ, EDZR, etc.

CATAC 05 07:27:51.0, 0.3, 11.93N:89.04W, h26km, ML3.8, SNET 05 07:27:52.0, 0.9, 12.08N:89.01W, h17km, 6km, ML3.5

ISC 05 07:27:42.6, 3.6, 11.92N:07.893W, 0.05, h4km, 26km, n76, c1901/109, Off coast of central America

Station list for the CATAC section, including JUCU, JUCU, JUCU, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RANC El Ranchito, YSM San Miguel, COEG Centro de Oper, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like LIMN Finca el Limon, NADN Granada, GUNB GUNB, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like E03A Lebam, HOOD Mount Hood Mea, G05A Wamic, etc.

WEL 05 07:33:37.1.1.1.37'S.5.179'E.1'0. h12km, M3.0/8, ML3.5/19, ML3.0/8. Error ellipse: s-maj=0.0km s-min=0.0km

NEIC 05 07:44:44.2.1.1.43'O9N.0'06.126'4W.0'1, h10km, 2km, ML3.2/87. Error ellipse: s-maj=16.9km s-min=10.8km

IDC 05 07:44:45.6.1.2.43'O9N.1'26'12W, h0km, mb3.6/5, mbmp3.6/14, ML3.5/8, MS3.3/16. Error ellipse: s-maj=23.3km s-min=9.6km az=47.0

ISC 05 07:44:46.9.0.43'11N.0'06.126'23W.0'09, h10km, n92, s=153/75, mb3.6/4, MS3.4/12. Off coast of Oregon

NEIC 05 08:04:21.2.1.1.19'424N.0'009.155'285W.0'009, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.4km

HVO 05 08:04:20.8.0.7.19'417N.0'005.155'276W.0'006, h1km, 3km, ML3.1/41, ML3.0/45(NEIC). Error ellipse: s-maj=1.0km s-min=0.5km az=48.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like OBL Observatory Le, UWB Uwekahuna B, SBLH Steaming Bluff, etc.

5d 8h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like Kane Nui o Ham, Hilina Pali, Mauna Loa, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like Mauna Loa Obse, Moku'aweo, Kahuku, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like Otay Lakes Par, Mount Signal, Playas de Tiju, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like GEYT, GYA0B, AKTO, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KURK, TDK, TDK, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like XLT, XAN, XAN, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Date, Time, Azimuth, Azimuth Error, Azimuth Uncertainty. Rows include stations like G30M, E22K, F26K, RDOG, F25K, G29M, BMAR, D17K, MCWV, F24K, KCSI, EPYK, EPYK, F22K, NJ2, NJ2, NJ2, G27K, G27K, G26K, E19K, E19K, E18K, COLD, H31M, O53A, F21K, H29M, E17K, G25K, F20K, G22K, H27K, G23K, F19K, WRGLY, H25L, F18K, G21K, G21K, I30M, I30M, F17K, USA0B, USRK, USRK, I29M, P52A, I28M, I27K, ACSO, G19K, H23K, H22K, PRP, J30M, I26K, G18K, TNA, F15K, H21K, H21K, F14K, EGAK, EGAK, G17K, H19K, H20K, G16K, POKR, I23K, I21K, MLY, H18K, COLA, COLA, G15K, ILAR, J26L, K29M, DAWY, J25K, MAYO, H17K, I20K.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Date, Time, Azimuth, Azimuth Error, Azimuth Uncertainty. Rows include stations like NEA2, ANM, K27K, GCSA, HDA, KSAR, KSAR, WRH, WRH, KRSR, KRSR, P49A, H16K, SCRK, L29M, BPAW, K24K, J20K, KMSC, FARO, J19K, CHUM, MCK, M30M, M31M, SPMM, BCAR, SFIN, L27K, JFWS, L26K, M29M, M29M, M29M, TRF, TRF, TRF, TZTN, CAST, J18K, J18K, J18K, PAX, J17K, DHY, K20K, J16K, M27K, M26K, N31M, PPLA, PDSI, WCI, TKL, WAT6, J14K, N30M, YUK3, K17K, K17K, YSS, YSS, L40A, L40A, CUT, TOAD, YUK4, M24K, L20K, WHY, K15K, O30N, P33M, L18K, L19K, U49A, U49A, HYT, YUK6, N25K, L17K, K13K, M23K, P33M, SML, MCARA, M20K.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Date, Time, Azimuth, Azimuth Error, Azimuth Uncertainty. Rows include stations like KLU, M19K, M22K, R33M, CTG, PMR, O28M, L15K, L16K, GOGA, KNK, KNK, KNK, T47A, T47A, SUA, P30M, P32M, O29M, BMRM, M18K, L14K, M17K, N20K, RC01, GLI, PETK, PETK, SKAG, DLBC, DLBC, M16K, PLBC, MESA, P29M, CAPN, ECSD, N19K, M14K, M15K, N18K, N17K, KAIM, N16K, S34M, TIGA, P23K, SEW, O19K, N15K, O20K, JNU, N14K, BRLL, BRLL, BRSE, O18K, O18K, Q23K, O17K, T35M, P19K, O16K, R40A, S32K, BDFB, LRAL, ERM, ERM, ERM, SIT, WRAK, Q20K, K30B, LAO, S39A, S39A, O17K, EGMT, V35K, MJAR, MJAR, KDAK, KDAK, KDAK, JGF, JGF, KSU1.

5d 9h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OHAK Old Harbor, U38A Gravette, MIAR Mount Ida, SHEM Shemaya Is, etc.

NEIC 05 08:57:32.0-1.0, 19.405N;0.209W:155.270W;0.006, h5km,1km, Error ellipse: s-maj=2.2km s-min=1.5km az=125.0

HVO 05 08:57:31.4-1.0, 19.403N;0.008:155.271W;0.005, h1km,3km, ML3.3/4.1, ML3.2/4.6(NEIC), Error ellipse: s-maj=1.1km s-min=0.7km az=166.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKO Keanakakoi, RIM Rim, BYL Byron's Ledge, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALEP Alea Permanent, POHA Pohakuloa, HUH Hualalai, etc.

IDC 05 09:01:06.3-2.5, 8.07S; 112.80E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=152.2km s-min=27.8km az=50.0

DJA 05 09:01:17.3-0.7, 9.5S; 6.11E, h40km, 12km, M3.8/9, ICA 05 09:01:15.8-1.1, 8.9S; 0.1:112.47E;0.056, h0km, n14, s16111, mb3.4/4, Jawa

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PWJI Pagerwojo, BJAGI Banyuglugur, etc.

NEIC 05 09:01:32.8-2.9, 15.17N;0.074:94.66W;0.04, h10km,2km, mb3.9/29, MD4.3/82(MEX), Error ellipse: s-maj=11.6km s-min=6.1km az=189.0

CATAC 05 09:01:34.1-0.7, 15.52N;94.87W, h10km, MB4.7, mb4.7, ML4.5

MEX 05 09:01:36.9-0.9, 15.23N;94.66W, h16km, 10km, MD4.3, ICA 05 09:01:32.1-3.2, 15.22N;102.04:94.67W;0.02, h10km,23km, n120, s276/170, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CARR Arriaga, PCIG Cajig, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THIG El Naranjo, PATR Pavencul, UNION Union Juárez, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOMA, PLIG, COXU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AP01, Chacalluta, LVC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AADB, SNDB, ARAG, etc.

IDC 05 09:09:26.5:3.2, 54:32N-86:65E, h0km, mbtmp2.9/2, ML2.2, Error ellipse: s-maj=25.7km s-min=15.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, etc.

SJA 05 09:28:48.0:0.6, 19:39S:69:30W, h99km, 3km, ML3.4, MW3.5

GUC 05 09:28:50.6:0.8, 19:30S:69:42W, h94km, 3km, ML3.5

ISC 05 09:28:50.4:1.4, 19:31S:0:03:69:37W:0:05, h90km, 8km, n25, 1500/44, 4C-1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G001, PB11, TA02, etc.

IDC 05 09:36:02.9:1.8, 8:55S:74:34W, h143km, 20km, mb3.4/6, mbtmp4.0/11, Error ellipse: s-maj=21.8km s-min=12.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAH, TBGT, ETMB, etc.

VAO 05 09:38:05.0:0.7, 8:61S:74:14W, h151km, 5km, mbR4.0

OSUNB 05 09:38:08.1:1.2, 8:55S:73:97W, h152km, 5km, mb4.4/12, Error ellipse: s-maj=5.8km s-min=12.8km az=0.0

ISC 05 09:38:03.0:0.4, 8:62S:0:05:74:35W:0:05, h147km, n104, 1525/107, mb4.3/16, Peru-Brazil border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRUZ, ATAH, TBGT, etc.

IDC 05 09:40:10.2:0.9, 55:10N:21:28E, h0km, ML2.3, Suspected explosion

UPP 05 09:40:12.1:3.0, 55:21N:21:23E, h0km, ML2.5

BER 05 09:40:15.4:1.1, 55:26N:20:85E, h0km, ML2.0, ML2.0(H/EL), Suspected explosion

HEL 05 09:40:15.4:0.3, 55:42N:20:90E, h0km, ML2.0, Explosion

LVSN 05 09:40:15.0:1.1, 55:55N:20:77E, h0km, 9km, ML2.7

EST 05 09:40:16.0:0.3, 55:46N:20:82E, h0km, ML2.3(H/EL), Explosion

IDC 05 09:40:19.3:2.6, 55:73N:21:00E, h0km, mbtmp3.3/4, ML2.5.4, Error ellipse: s-maj=24.6km s-min=13.7km

ISC 05 09:40:13.6:1.0, 55:45N:0:05:20:82E:0:03, h0km, n70, 1592/100, Baltic Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBUR, PABE, GOTU, etc.

5d 11h

2018 JUN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JYT Yasato, JAG Ashikaga, JHO Hitachi, etc.

Table with columns for call letters, name, frequency, power, and other technical details. Includes stations like BILL Bilibino, FITZ Fitzroy Crossai, WBO Warramunga Arr, etc.

Table with columns for call letters, name, frequency, power, and other technical details. Includes stations like M16K Timber Creek, D17K Noatak River, O16K Kokwok River B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MJAR, MJBS, MAJO, etc.

WEL 05 12:04:54.3, 38.05S; 176.73E, h2km, ML3.8, Mw3.9, Moment Tensor Solution. s10 Moment tensor: Mw=7.77, Mm=36.15, Ml=43.62; Mw=9.97; Mm=56.62; Ml=8.08; Fault plane solution: NPl=32.00000, 3.46.00000, lambda=106.00000, NPl=234.00000, 3.46.00000, lambda=75.00000, NORTH ISLAND

WEL 05 12:04:54.3, 0.8 S, 176.73E, h3km, ML3.8/22, ML4.1/22, MLV3.8/22 Error ellipse: s-maj=0.0km s-min=0.0km az=31.7, confirmed, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like EDRZ, MARZ, MKRZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NTWZ, TMVZ, MXZ, etc.

KRSC 05 12:08:04.3, 1.6, 52.40N x 160.70E, h20km, 20km, MI3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SPN, NLC, RUC, etc.

IDC 05 12:14:33.0, 0.7, 8.27N, 139.09W, h0km, mb4.0/16, mbmlp4.1/17, ML3.9/1, MS3.5/31, Error ellipse: s-maj=22.6km s-min=16.7km az=143.0, NEIC 05 12:14:35.7, 1.4, 8.25N, 0.07; 38.00W, 0.07, h10km, 1km, mb4.7/109, Error ellipse: s-maj=15.2km s-min=5.4km az=122.0

ISC 05 12:14:35.6, 0.4, 8.22N, 0.07; 38.00W, 0.07, h16km, n160, c1902/133, mb4.6/65, MS3.5/29, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KMNr, BZMR, ROSB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GPCR, CELP, EMPP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BATG, JTS, LMQ, etc.

5d 16h

Table with columns: CHGB, Renai, 0.30 253 i P, Pg, 14 47 40.9 0.0, etc. Includes stations like Tachien, Nan Shan, Shilin, etc.

JMA 05 14:48:03.1-0.2, 25°N, 123°56'E, 0.5, h7km, MV0.6/8, NW OFF ISHIGAKIJIMA IS., Southwestern Ryukyu Islands

NEIC 05 14:54:10.3-0.8, 18°32'N, 0°06'67.29W, 0.08, h109km, 5km, ML2.3/20, MD3.0/8(RSPR), Error ellipse: s-maj=11.4km

RSPR 05 14:54:11.1, 18°31'N, 0°67.27W, h106km, 1km, MD3.0/8, SDD 05 14:54:12.0, 1.5, 18°21'N, 0°67.21W, h115km, 1km, MD3.0, ML2.5, MV2.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Puerto Rico Se, Las Mesas, Aguadilla, etc.

2018 JUN

Main table with columns: HATOM, SMDR, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Hato Mayor del Campo, Samana, DR, Kuril'sk, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Valguarnera, Kurchatov Arra, Makanchi Array, etc.

IDC 05 16:22:14.7,1.0,20.40S,173.83W,h0km,mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=49.5km s-min=26.5km az=153.0

ISC 05 16:22:18.9,0.9,20.4S,173.8W,0.2,h27km,n6, n13/8,mb3.9/5,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Warramunga Arr, WRA Warramunga Arr, WRA Mina Array Bea, GSPA South Pole Qui, NVAR Warramunga Arr, TXAR Lajitas Array, AKASG Malin Array Bea.

BGR 05 16:33:40.8,23.78N,95.70E,h126km,3km,mb5.1 NDI 05 16:33:51.2,3.6,24.51N,95.27E,h141km,22km,ML4.6, MW4.5,mb4.8(NEIC)

BUI 05 16:33:53.8,0.0,24.59N,95.04E,h125km,mb4.9/57, mB4.6/20

IDC 05 16:33:54.9,0.4,24.48N,95.19E,h124km,2km,mb4.5/39, mbtmp4.8/40,MS3.6/19, Error ellipse: s-maj=10.5km s-min=7.4km az=44.0

NEIC 05 16:33:54.7,2.1,24.60N,0.07E,10E,0.06,h111km,2km, mb4.8/190, Error ellipse: s-maj=9.8km s-min=7.5km az=194.0

GCMT 05 16:33:55.7,0.3,24.46N,0.02E,17E,0.03,h129km,4km, MW4.8/1, Moment tensor: Sca1016Nm, Mrr1.40E-07, Mss-1.94E-08, Mss0.53E-10, Mss0.30E-07, Mss0.36E-10, Mss-0.87E-06; Best double couple: M1,99300x1016 NP1,125.00000, s59.00000, l126.00000. NP2: p250.00000, s46.00000, l45.00000. Principal axes: T 1.9390, Plg58.0000, Azm88.0000; N 0.1010, Plg30.0000, Azm285.0000; P -2.0470, Plg7.0000, Azm191.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 16:33:54.8,0.3,24.59N,0.03E,06E,0.03,h121km,2km, h121km,pP-P,n799, n134/836,mb4.8/234,33C-19D, Myanmar

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include IMP Imphal, KOHI KOHIMA, JORH JORHAT, SAIH SAIHA, SHL Shillong, ZIRO ZIRO, TNCH TengChong, BRDH Bariadialha, LSA Lhasa, PZH PanZhiHua, GTK Tadong, CRAI Chiangrai, CHITO Chiang Mai, KMI Kunming, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PHRA Phrae, BOK Bokaro, SLVN Son La, CD2 Chengdu, GYA Guiyang, GOMU GeErMu, PBA Port Blair, UBPT Khong Chiam, LZH Lanzhou, ENH Enshi, LGTI Lohaghat, LPT Lhote, PSH Pithoragarh, QIONGZHONG Qiongzong, QIZ QIZ, XAN Xian.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GAOTAI Gaotai, NAKONSRITAMARARA Nakhonsritamara, HYB Hyderabad, LYN LYN, WHN Wuhan, DHARMASHALA DHARMASHALA, LHMI Lhok Sumawe, KULIM Kulim, WMQ WMQ, MSLSI Meulaboh, ACEH Aceh, BTO Baotou, IPM Iloilo, IPM Iloilo, NIL Nilore, HNS HongShan, KCSI Kotacane, HHC Hu-ho-hao-te, HHC HHC, HHC HHC, HHC HHC, KSH Kashi, NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, TIA Tainan, GSI Gunungsitoli, GSI Gunungsitoli, GSI Gunungsitoli, TPU Ta-pu, TPU Ta-pu, ULLH Ululoh, SSSL Suanglung, SSSL Suanglung, BOOM Boomskeye usch, TWG Pinlang, TWGBT Beinan, YHNB Yeheng, YHNB Yeheng, TATO Taipei, YULB Yu-li, YULB Yu-li, MACB Ninganchiao, NACS Ninganchiao, TKM2 Tokmak 2, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, UCH Uchter, KBK Karagaybulak, MAKZ Makanchi, KBL Kabul, PBSI Pulau Batu, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumyshty, SONM Songino Array, SONM Songino Array, SONM Songino Array, USP Oспенovka, EKSZ Erkin-Say, GAR Garm, BTK Batken, XLT XILinHaoTe, XLT XILinHaoTe, PDSI Padang, CHGR Chuyangaron, SISH Saibuy, SIMJ Simiganj, KSM Kuching, KSM Kuching, KSM Kuching, KKR Karatay Array, KURBB Kurchatov, KURBB Kurchatov.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KURBB Kurchatov, MYLDM Lahad Datu, JOW Kunigami, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KSRS Korea Array, KSRS Korea Array, KASI Kota Agung, JNU Nakatsue, WSAR Wadi Sarin, BNX BinXian, BVAR Borovoye Array, BVAR Borovoye, BRVK Borovoye, BRVK Borovoye, GEYT Alibeck, GEYT Alibeck, GEYT Alibeck, GEYT Alibeck, GYA08 ALIBEK ARRAY, TOL12 Tolitoli, TOL12 Tolitoli, HEH Heihe, HEH Heihe, USRK Ussuriysk Arr, ABKAR Akbulak array, ABKAR Akbulak array, KLR Kul dur, JGF Kuroka, AKTO Yakubinsk, AKTO Yakubinsk, MJB9 Matsu-Tunnel, MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, JSD Sado, JSD Sado, JHJ Hachijo Ijima 2, JMM Marumori, JMM Marumori, ARU Arti, ARU Arti, ARU Arti, ARU Ende, Flores, JKA Kamikawa-asahi, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, SOEI Soe, SOEI Soe, SOEI Soe, GNI Garni, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, BELG Belogomoye, BELG Belogomoye, ONI Oni, KBZ Khabaz, KIV Kislodovsk, KIV Kislodovsk, KIV Kislodovsk, KIRV Kirov, BCA Borcka, ARPR Arapajum, GAZ Gaziantep, TIXI Tiksi, TIXI Tiksi, MTN Manton Dam, MBWA Marble Bar, MBWA Marble Bar, GENI Genyem, GENI Genyem, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, DIKM Dikmen, KDU Kadatu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KJZ, KJEN, KJEM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, USRK, KSRS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSC, BKI, KBTR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI, BATI, DRB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASO1, QIS, MTSU, etc.

M=0.91±.04; M=1.07±.16; Best double couple: M=2.37400x10^16... Principal axes: T 2.4970, P13.0000, Azm11.0000; N -0.2490, P17.0000; Azm20.0000; P -2.2510, P175.0000; Azm263.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSPB, BRBA, BRBB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS, SPAO, SPBZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOR, JMW, JNE, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZF12, OMEGA, OMEGA, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOF, NAO01, NC602, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZF12, OMEGA, OMEGA, etc.

5d 18h

SKT	Skwentna	40.98 345	I	Amb	I	Amb	18 16 52.1
SKT	Skwentna	40.98 345	P	P	P	P	18 16 44.5 +1.8
HYT	Haines Junction	40.99 335	P	P	P	P	18 16 43.7 +0.7
L18K	Granite Mounta	41.01 349	I	Amb	I	Amb	18 16 54.0
L18K	Granite Mounta	41.01 349	P	P	P	P	18 16 44.6 +1.6
KEST	Kesra	41.02 178	P	P	P	P	18 16 44.2 +0.7
KEST	Kesra	41.02 178	LR	LR	LR	LR	18 33 59.0
P33M	Teslin, Yukon	41.09 331	P	P	P	P	18 16 44.4 +0.6
P33M	Teslin, Yukon	41.09 331	P	P	P	P	18 16 45.5 +1.7
K15K	Wolf Creek Mou	41.12 352	I	Amb	I	Amb	18 16 53.7
K15K	Wolf Creek Mou	41.12 352	P	P	P	P	18 16 44.6 +0.7
L17K	Donlin	41.16 350	P	P	P	P	18 16 45.4 +1.1
M20K	Styx River	41.16 346	P	P	P	P	18 16 47.2 +2.9
M19K	Big River Lodg	41.21 347	P	P	P	P	18 16 46.2 +1.6
CTG	Chitna Glacier	41.22 337	P	P	P	P	18 16 46.5 +1.6
MOY	Monday	41.26 70	eP	P	P	P	18 16 47.6 +2.3
MOY	Monday	41.26 70	P	P	P	P	18 16 47.6 +2.3
O28M	Mount Upton	41.30 336	P	P	P	P	18 16 47.6 +1.9
LDAQ	Lac Daran	41.31 274	P	P	P	P	18 16 46.0 +0.2
LDAQ	Lac Daran	41.31 274	I	Amb	I	Amb	18 16 47.9
KNK	Knik Glacier	41.34 343	P	P	P	P	18 16 47.0 +1.3
IRK	Irkutsk	41.43 67	eP	P	P	P	18 16 42.1 -4.4
IRK	Irkutsk	41.43 67	P	P	P	P	18 16 42.1 -4.4
SUA	Susitna One	41.44 344	I	Amb	I	Amb	18 16 49.9
SUA	Susitna One	41.44 344	P	P	P	P	18 16 47.4 +0.7
MAKZ	Makanchi	41.48 91	P	P	P	P	18 16 48.1 +1.0
MAKZ	Makanchi	41.48 91	PP	PP	PP	PP	18 18 18.3 -4.2
MAKZ	Makanchi	41.48 91	P	P	P	P	18 16 48.1 +1.0
TOAD	Toad River Com	41.48 325	P	P	P	P	18 16 47.9 +1.0
BMRM	Bremner River	41.49 340	P	P	P	P	18 16 48.3 +1.3
MK31	Makanchi Array	41.57 90	P	P	P	P	18 16 48.6 +0.8
MK31	Makanchi Array	41.57 90	PP	PP	PP	PP	18 18 18.9 -4.5
MK31	Makanchi Array	41.57 90	P	P	P	P	18 16 48.5 +0.8
MKAR	Makanchi Array	41.57 90	P	P	P	P	18 16 48.4 +0.7
MKAR	Makanchi Array	41.57 90	P	P	P	P	18 16 48.9 +1.1
MKAR	Makanchi Array	41.57 90	PP	PP	PP	PP	18 18 24.9 +1.5
MKAR	Makanchi Array	41.57 90	LR	LR	LR	LR	18 37 32.4
K13K	Kusilvak Mount	41.57 354	P	P	P	P	18 16 48.7 +1.2
FFC	Flin Flon	41.61 304	P	P	P	P	18 16 48.4 +0.4
FFC	Flin Flon	41.61 304	P	P	P	P	18 16 48.4 +0.4
L16K	Owhat River	41.63 351	P	P	P	P	18 16 50.1 +2.0
L16K	Owhat River	41.63 351	I	Amb	I	Amb	18 16 57.6
L16K	Owhat River	41.63 351	P	P	P	P	18 16 49.7 +1.6
M18K	Stony River	41.70 348	P	P	P	P	18 16 49.7 +1.1
L15K	Ungalak Mounta	41.74 352	P	P	P	P	18 16 50.5 +1.6
RC01	Rabbit Creek A	41.75 343	P	P	P	P	18 16 50.8 +1.8
P32M	Atlin	41.80 331	P	P	P	P	18 16 51.3 +1.7
M17K	Holline River	41.86 349	P	P	P	P	18 16 49.7 -0.3
MA2	Magadan	42.07 27	LR	LR	LR	LR	18 34 13.6
M16K	Timber Creek	42.30 350	I	Amb	I	Amb	18 17 00.1
M16K	Timber Creek	42.30 350	P	P	P	P	18 16 53.5 0.0
N19K	Bonanza Creek	42.30 347	P	P	P	P	18 16 55.4 +1.7
PNL	Peninsula	42.32 336	P	P	P	P	18 16 56.2 +2.4
KK31	Karatay Array	42.35 104	P	P	P	P	18 16 55.1 +0.9
KK31	Karatay Array	42.35 104	PP	PP	PP	PP	18 18 29.1 -2.8
KK31	Karatay Array	42.35 104	P	P	P	P	18 16 55.1 +0.9
KK31	Karatay Array	42.35 104	P	P	P	P	18 16 55.1 +0.9
KKAR	Karatay Array	42.35 104	P	P	P	P	18 16 55.6 +1.4
KKAR	Karatay Array	42.35 104	PP	PP	PP	PP	18 18 29.4 -2.6
KKAR	Karatay Array	42.35 104	P	P	P	P	18 16 55.2 +1.0
DLBC	Dease Lake	42.50 328	P	P	P	P	18 16 52.0 -3.0
DLBC	Dease Lake	42.50 328	P	P	P	P	18 16 57.4 +2.1
KAIM	Kayak Island	42.51 339	P	P	P	P	18 16 56.8 +1.6
N18K	Kilae Creek	42.51 348	I	Amb	I	Amb	18 17 06.2
N18K	Kilae Creek	42.51 348	P	P	P	P	18 16 57.3 +2.0
RSO	Redoubt South	42.56 346	P	P	P	P	18 16 57.2 +1.3
RSO	Redoubt South	42.56 346	PP	PP	PP	PP	18 18 31.1 -3.0
VLDO	Val d'Or	42.61 280	I	Amb	I	Amb	18 16 58.0
M14K	Bethel	42.68 352	P	P	P	P	18 16 58.2 +1.6
M15K	Kasigluk River	42.70 351	P	P	P	P	18 16 58.3 +1.6
SEW	Seward	42.71 343	P	P	P	P	18 16 58.4 +1.6
N17K	Nushagak Hills	42.72 349	I	Amb	I	Amb	18 17 07.6
N17K	Nushagak Hills	42.72 349	P	P	P	P	18 16 58.5 +1.6
N16K	Nishli Lake	42.84 350	P	P	P	P	18 16 59.8 +1.8
ARX5	Arharly	42.97 96	eP	P	P	P	18 16 58.4 -0.9
M13K	Dall Lake	43.06 353	P	P	P	P	18 17 02.2 +2.5
USP	Ospenavka	43.10 100	P	P	P	P	18 17 02.0 +1.7
N15K	Kwethluk River	43.20 351	I	Amb	I	Amb	18 17 11.0
N15K	Kwethluk River	43.20 351	P	P	P	P	18 17 04.0 +3.2
O18K	Koktuh Hills	43.30 347	I	Amb	I	Amb	18 17 13.2
O18K	Koktuh Hills	43.30 347	P	P	P	P	18 17 03.4 +1.8
CHMS	Chumysh	43.41 100	P	P	P	P	18 17 05.3 +2.5
O17K	Koliganek Bris	43.47 349	P	P	P	P	18 17 04.4 +1.4
N14K	Kuskokwak Cree	43.50 352	P	P	P	P	18 17 04.8 +1.6
EKS2	Erkin-Say	43.51 101	P	P	P	P	18 17 05.9 +2.1
S31K	Pelican	43.67 333	P	P	P	P	18 17 06.0 +1.3
TKM2	Tokmak 2	43.68 99	P	P	P	P	18 17 07.7 +2.5
AAK	Ala-Archa	43.70 100	eP	P	P	P	18 17 07.1 +1.8
AAK	Ala-Archa	43.70 100	P	P	P	P	18 17 07.1 +1.8
O16K	Kokwok River B	43.70 349	P	P	P	P	18 17 06.8 +1.9
O16K	Kokwok River B	43.70 349	I	Amb	I	Amb	18 17 15.1

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O16K	Kokwok River B	43.70 349	P	P	P	P	18 17 06.2 +1.4
TRQ	Mont Tremblant	43.72 276	P	P	P	P	18 17 05.7 +0.4
TRQ	Mont Tremblant	43.72 276	I	Amb	I	Amb	18 17 07.1
P16K	Big Mountain	43.76 347	I	Amb	I	Amb	18 17 15.9
P16K	Big Mountain	43.76 347	P	P	P	P	18 17 07.4 +2.0
T35M	Bol Quinn	43.95 328	P	P	P	P	18 17 08.2 +1.2
P17K	Kvichak River	44.02 348	P	P	P	P	18 17 09.4 +2.0
UCH	Uchto	44.09 100	P	P	P	P	18 17 11.9 +3.1
O14K	Tiguykaiuvet M	44.16 352	P	P	P	P	18 17 10.6 +2.1
BOOM	Boomsokoye usch	44.17 99	I	Amb	I	Amb	18 17 12.8
O15K	Ungalikthiuk R	44.18 351	P	P	P	P	18 17 10.3 +1.6
P16K	Nushagak River	44.25 349	P	P	P	P	18 17 10.0 +0.7
SYI	Shuyak Island	44.38 345	P	P	P	P	18 17 11.4 +1.1
SYI	Shuyak Island	44.38 345	I	Amb	I	Amb	18 17 19.9
Q20K	Shuyak Island	44.38 345	P	P	P	P	18 17 09.8 -0.5
ZEA	ZEA	44.47 47	eP	P	P	P	18 17 13.6 +2.5
ZEA	ZEA	44.47 47	P	P	P	P	18 17 13.6 +2.5
GEYT	Alibeck	44.64 119	P	P	P	P	18 17 13.4 +0.8
GEYT	Alibeck	44.64 119	I	Amb	I	Amb	18 17 15.4
GEYT	Alibeck	44.64 119	P	P	P	P	18 18 52.7 -2.5
GEYT	Alibeck	44.64 119	P	P	P	P	18 17 14.3 +1.6
GEYT	Alibeck	44.64 119	PP	PP	PP	PP	18 18 56.7 +0.1
GYA0B	ALIBECK ARRAY	44.64 119	I	Amb	I	Amb	18 17 15.4
WBO	Williamsburg	45.04 276	P	P	P	P	18 17 16.2 +0.5
KDAX	Kodiak Island	45.22 345	P	P	P	P	18 17 18.3 +1.3
KDAX	Kodiak Island	45.22 345	P	P	P	P	18 17 17.4 +0.4
KDAX	Kodiak Island	45.22 345	LR	LR	LR	LR	18 39 25.6
KDAX	Kodiak Island	45.22 345	I	Amb	I	Amb	18 17 19.4 +2.4
KDAX	Kodiak Island	45.22 345	P	P	P	P	18 17 17.7 +0.3
TARG	Taragay, Kyrgy	45.32 97	I	Amb	I	Amb	18 17 22.4
BTK	Balken	45.32 105	I	Amb	I	Amb	18 17 27.4
MMAI	Mount Meron Ar	45.59 146	PP	PP	PP	PP	18 19 07.0 +0.2
WMQ	Urumqi	45.63 87	eP	P	P	P	18 17 22.7 +2.2
WMQ	Urumqi	45.63 87	P	P	P	P	18 17 22.7 +2.2
WMQ	Urumqi	45.63 87	LR	LR	LR	LR	18 37 32.4
WMQ	Urumqi	45.63 87	LR	LR	LR	LR	18 37 32.4
WMQ	Urumqi	45.63 87	LR	LR	LR	LR	18 37 32.4
OHAK	Old Harbor	45.82 345	P	P	P	P	18 17 22.2 +0.4
EYMN	Ely	45.89 292	I	Amb	I	Amb	18 17 24.8
EYMN	Ely	45.89 292	P	P	P	P	18 17 22.3 -0.2
B35A	Bly, Littlefor	45.98 294	I	Amb	I	Amb	18 17 25.5
SONM	Songino Array	46.04 68	P	P	P	P	18 17 24.6 +0.8
SONM	Songino Array	46.04 68	P	P	P	P	18 17 25.3 +1.5
SONM	Songino Array	46.04 68	PP	PP	PP	PP	18 19 12.6 +1.2
SONM	Songino Array	46.04 68	P	P	P	P	18 17 24.6 +0.8
SAD0	Sado	46.15 280	LR	LR	LR	LR	18 36 15.9
ULN	Ulanbaatar	46.16 67	P	P	P	P	18 17 26.4 +1.7
ULN	Ulanbaatar	46.16 67	P	P	P	P	18 17 26.4 +1.7
GAR	Garm	46.22 106	I	Amb	I	Amb	18 17 28.4
SIMJ	Simiganj	46.26 107	P	P	P	P	18 17 26.4 +0.7
SIMJ	Simiganj	46.26 107	I	Amb	I	Amb	18 17 28.2
HRV	Adam Dzielwonsk	46.54 271	P	P	P	P	18 17 28.0 +0.4
L61B	Northampton	46.85 272	P	P	P	P	18 17 30.9 +0.9
KSH	Kashi	47.01 100	P	P	P	P	18 17 35.2 +3.7
KSH	Kashi	47.01 100	P	P	P	P	18 17 35.2 +3.7
KSH	Kashi	47.01 100	LR	LR	LR	LR	18 37 32

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Main data table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like SEKA, LGD, KMKR, and many others.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like MESR, RAYN, KORU, ATHU, MDH, DRGR, HERR, MNK, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like DRK, SOHO, KLV, EVR, ANX, KPRO, MZR, OTUK, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like AAK, AAK, AAK, UPM, NKME, SGDS, etc.

NIL	Nilore	22.36	102	P	P	18 45 28.0	+1.7
NIL	Nilore	22.36	102	P	P	18 45 24.7	-1.6
NIL							
comp=Z,376nm,1.0s							
HVAR	Medeo	22.40	284	iP	P	18 45 29.0	+2.5
MDOOK	Medeo	22.41	76	eP	P	18 45 26.5	-0.3
MDOOK							
baz=76							
LR						18 55 24.1	
MDOOK	Medeo	22.41	76	P	P	18 45 26.7	-0.2
comp=Z,25nm,0.8s							
MDOOK	Medeo	22.41	76	eP	P	18 45 26.5	-0.3
KOGS	Kog	22.41	293	iP	P	18 45 29.1	+2.4
KOGS							
iS						18 49 33.5	+1.4
SLIT	Slitere, Latvi	22.43	324	eP	P	18 45 30.0	+0.6
VRAC	Vranov	22.45	301	eS	P	18 45 28.9	+1.9
VRAC							
eS						18 49 31.9	-0.9
VRAC	Vranov	22.45	301	P	P	18 45 28.2	+1.2
comp=Z,15nm,1.0s,ba=86,slow=8.9,SNR=23							
VRAC							
S						18 49 32.5	-0.2
comp=Z,2.3nm,0.5s,ba=86,slow=21,SNR=1.4							
VRAC							
LR						18 55 40.2	
comp=Z,3um,20.2s,ba=83,slow=41							
RONA	Rosalia, Austr	22.45	296	eP	P	18 45 28.3	+1.2
comp=Z,15nm,1.0s							
KRALC	Kraliky	22.46	303	eP	P	18 45 28.5	+1.3
KRALC							
eS						18 49 33.0	-0.1
KRALC	Kraliky	22.46	303	eP	P	18 45 28.5	+1.3
KRALC							
eS						18 49 33.0	-0.1
MTSE	Matsulka	22.46	328	eP	P	18 45 28.6	-0.4
LOBO	Lobor	22.53	292	iP	P	18 45 30.1	+2.1
KRUC	Moravsky	22.54	300	iP	P	18 45 30.0	+2.0
KRUC							
eS						18 49 36.5	+2.0
MHTO	MHTO	22.55	152	P	P	18 45 29.0	+0.7
SNR=28							
MHTO							
P						18 45 29.0	+0.7
ZAG	Zagreb	22.59	281	P	P	18 45 32.7	+4.2
PTJ	Punjtarka	22.60	292	P	P	18 45 30.4	+1.7
MATE	Materra	22.61	278	iP	P	18 45 32.4	-0.4
CONA	Conrad Observa	22.76	297	eP	P	18 45 31.0	+0.5
comp=Z,14nm,0.7s,SNR=24							
UDBI	Udbina	22.78	288	iP	P	18 45 33.6	+2.9
DPC	Dobruska-Polom	22.80	303	eS	P	18 49 41.1	+1.9
DPC							
eS						18 55 30.0	
DPC							
AMS						18 45 31.1	+0.3
DPC	Dobruska-Polom	22.80	303	P	P	18 45 31.9	+1.1
DPC							
eS						18 49 41.1	+1.9
DPC							
MLR						18 45 31.1	+0.3
comp=Z,2um,15.8s							
PLIT	Plitvice	22.87	289	iP	P	18 45 33.2	+1.7
OSTC	Ostas	22.91	304	eP	P	18 45 34.7	+2.8
OSTC							
eS						18 49 43.7	+2.6
OSTC							
AMS						18 57 50.0	
OSTC	Ostas	22.91	304	eP	P	18 45 34.7	+2.8
OSTC							
eS						18 49 43.7	+2.6
OSTC							
MLR						18 45 31.3	-0.9
comp=Z,2um,10.8s							
TIP	Timpagrande	22.92	274	iP	P	18 45 30.7	+1.5
TIP							
iP						18 45 33.6	+1.3
ARSB	Arzberg	22.95	295	P	P	18 49 23.1	+1.0
ARSB							
comp=Z,62nm,1.4s,SNR=34							
ARSB							
ePcP						18 49 23.1	+1.0
comp=Z,11nm,1.0s							
OZLI	Ozalj	22.95	291	iP	P	18 45 34.0	+1.6
CRES	Cresnejev	22.96	291	iP	P	18 45 32.6	+0.1
ADZR	Andozero	23.00	350	iP	P	18 45 30.9	-1.7
ADZR							
eS						18 49 35.7	-6.5
ADZR							
pmax						18 45 24.5	-8.4
comp=Z,772nm,0.5s							
GKP	Gorka Klasztor	23.01	311	eP	P	18 49 44.7	+2.1
GKP							
eS						18 56 19.2	
GKP							
L						18 45 32.9	+0.0
comp=Z,6um,17.3s							
GKP	Chvalec	23.01	311	eP	P	18 45 32.9	+0.0
GKP							
eS						18 57 50.0	
CHVC	Upice	23.03	303	eP	P	18 45 34.8	+1.7
UPC							
eS						18 49 42.8	-0.2
UPC							
AMS						18 45 34.8	+1.7
UPC	Upice	23.03	303	eP	P	18 45 34.8	+1.7
UPC							
eS						18 49 42.8	-0.2
UPC							
MLR						18 45 35.8	+1.9
comp=Z,2um,16.1s							
BOJS	Bojanci	23.11	291	eP	P	18 45 49.5	+1.2
BOJS							
eS						18 45 35.6	+1.6
BOJS	Bojanci	23.11	291	iP	P	18 45 35.2	+0.1
BOJS							
iP						18 45 34.1	-1.3
TREC	Trest	23.16	300	AMS	AMS	18 55 40.0	
comp=Z,3um,18.0s							
MEF	Metsahovi	23.24	331	eP	P	18 45 37.1	-0.1
TDK	Taldygorghan	23.25	71	eP	P	18 45 34.9	-0.5
TDK							
comp=Z,84nm,0.7s,ba=71							
TDK	Taldygorghan	23.25	71	eP	P	18 45 34.9	-0.5
TDK							
LR						18 56 01.0	
TDK							
MLR						18 45 36.6	+1.0
comp=Z,6um,12.0s							
SOKA	Soboth	23.26	294	eP	P	18 45 35.2	-0.6
SOKA							
eS						18 45 36.7	+0.4
JOF	Joensuu	23.31	342	eP	P	18 45 36.3	+0.6
DUGI	Dugi Otok	23.32	287	iP	P	18 45 36.3	+0.6
DUGI							
eS						18 45 37.2	-0.1
DOM	Dom	23.39	154	P	P	18 45 37.1	-0.1
DOM							
eS						18 45 37.1	-0.1
SATY	Saty	23.41	76	eP	P	18 45 37.1	-0.1
SATY							
ba=76							
SATY	Saty	23.41	76	eP	P	18 45 37.1	-0.1
SATY							
eS						18 45 37.2	-0.1
ZHN	Zhinshske	23.42	75	eP	P	18 45 37.2	-0.1
ZHN							
eS						18 45 37.2	-0.1
ZHN	Zhinshske	23.42	75	eP	P	18 45 37.2	-0.1
ZHN							
eS						18 45 37.2	-0.1
NVLJ	Novalija	23.42	288	iP	P	18 45 37.6	+0.0
RABZ	Rab	23.47	289	iP	P	18 45 37.6	+0.0
RABZ							
eS						18 45 45.1	
PRBC	Przheval'sk	23.48	77	iAmb	iAmb	18 45 36.4	-1.9
PRBC							
comp=Z,148nm,1.0s							
FINA1	FINESS Array S	23.56	335	P	P	18 45 36.4	-1.9
FINA1							
eS						18 45 36.3	-2.0
FINA1	FINESS Array B	23.56	335	P	P	18 45 37.3	-0.9
FINA1							
eS						18 49 52.4	+0.9
FINES							
comp=Z,103nm,0.5s,ba=138,slow=10,SNR=212							
FINES							
LR						18 55 30.3	
comp=Z,6um,19.6s,ba=142,slow=38							
OBKA	Obir	23.59	293	eP	P	18 45 39.6	+0.7
OBKA							
comp=Z,42nm,0.8s							
OBKA							
ePcP						18 49 27.1	+3.5
OBKA							
comp=Z,8.1nm,0.3s							
OBKA							
eS						18 53 04.6	+3.6
comp=Z,7.3nm,1.2s							
OBKA	Obir	23.59	293	eP	P	18 45 38.0	-0.9
OBKA							
eS						18 45 40.4	+1.5
LJU	Ljubljana	23.61	292	iP	P	18 45 39.0	-0.7
LJU							
eS						18 45 39.0	-0.7
RIY	Rijeka	23.65	290	P	P	18 45 39.0	-0.7
RIY							
eS						18 45 39.0	-0.7
DOK	Doka	23.67	162	P	P	18 45 40.8	+1.1
DOK							

Table with columns for station ID, name, elevation, date, and status. Includes stations like J14K, J16K, J16K, COLA, J19K, J19K, J20K, J20K, I29M, I29M, J17K, J17K, LEM, NEA2, NEA2, ILAR, ILAR, ILAR, CCB, I30M, J18K, J18K, WRH, J25K, BPAW, BPAW, K13K, K13K, CHUM, CHUM, EGAK, EGAK, HDA, HDA, BBJ, J26L, K15K, K15K, K20K, K20K, K17K, K17K, J30M, J30M, J29N, KTH, CAST, MCK, TRF, SCRK, SCRK, K24K, K27K, K27K, L15K, DAWY, DAWY, RND, RND, RND, L14K, L14K, L17K, PPLA, L18K, FCC, M11K, K29M, K29M, L16K, L16K, D62A, D62A, L20K, DHY, DHY, L19K, L19K, MAYO, MAYO, YKA, YKA, YKA.

Table with columns for station ID, name, elevation, date, and status. Includes stations like YKA, WATI, WR7L, PAX, M14K, M13K, M13K, L26K, M19K, M19K, CUT, BCAR, L27K, MENT, MENT, M17K, WAT6, L29M, L29M, M16K, M16K, SHEM, M15K, M20K, M20K, M18K, SKT, HARP, SVW2, M26K, M22K, M24K, MMPY, M30M, M30M, N16K, BVCY, N14K, M27K, N15K, N15K, M29M, SML, JCJ, SCM, M23K, SUA, N17K, PMR, PMR, PMR, N20K, N18K, N18K, N19K, FARO, FARO, M31M, M31M, KNK, N25K, KLU, KLU, RCO1, YPIA, YPIA, O14K, O14K, DAV, MCARA, MCARA, PWJ, O17K, O16K, O16K, MPSI, TGNT, O15K, SUR, TOL2, TOL2, N30M, N31M, GLI, O18K, O18K, YUKA.

Table with columns for station ID, name, elevation, date, and status. Includes stations like YUK8, BMRM, O20K, P08K, CTG, CTGM, N32M, N32M, P16K, EYAK, EYAK, YUK6, LOGN, P18K, P18K, P17K, P19K, P19K, SEW, O28M, HYT, BRK, VLDQ, O30M, HOM, BRSE, WAX, WHY, WHY, P23K, BLJ, CNPM, Q16K, BGLC, MESA, KOTAN, O29M, O29M, LBNH, Q19K, KAIM, P33M, P33M, WTLY, P30M, ABJI, Q17K, Q23K, Q20K, PNL, PNL, JAGI, P29M, R16K, P32M, PLBC, SKAG, SKAG, LONY, LONY, R33M, R18K, KDAK, KDAK, KDAK, KDAK, TOAD, S14K, S12K, OHAK, OHAK, OHAK, DLBC, DLBC, DLBC, FFC, FFC, FFC, R32K, SII, KAPI, KAPI, KAPI, KAPI.

5d 18h

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like SDPT Sand Point, UNV Unalaksla Valle, and many others.

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Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like W57A Gilead, NEW Newport, P43A Skaggs, Pawnee, and many others.

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Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like WMOK Wichita Mountain, SPR3 Spring Creek 3, Q12A Willow Creek R, and many others.

Table with columns: Code, Station Name, A, Z, Z, Phase ID, Time, Res, and other technical details. Includes stations like AF01 San Pedro de A, LVC Limon Verde, and many others.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like PB01, PB15, PB04, etc.

Table with columns for PTGB, ALGR, LDASE, PLTB, TRQA, SNDB, IPMB, YAO, BDFB, TORI, WRA, MKAR, etc. Includes technical details and coordinates.

Table with columns for ASAJ, ERM, JEM, MA2, JMT, JMM, JMY, SEY, KLR, JSD, USA0B, USR, MAJO, MJAR, MJB9, HEH, JCF, KIWG, SAG, ADK, ADK, ADK, JHJ2, YAK, YAK, YAK, YAK, KS19, KS19, KSAR, TJN, JNU, GAMB, TIXI, TIXI, TIXI, XLT, XLT, XLT, M14K, M15K, SDPT, C16K, D17K, L16K, E17K, M16K, G17K, C17K, F17K, F17K, N16K, H17K, H17K, H17K, J17K, CHGN, O16K, P16K, L17K, L17K, K17K, K17K, E18K, F18K, JOWK, C18K, C18K, M17K, M17K, B18K, N17K, N17K, H18K, H18K, O17K, G18K, H11N2, H11N1, etc.

5d 19h

Table with columns: ID, Name, Location, Hy, Altitude, Wind, Temp, etc. Includes entries like H11N3 WAKE ISLAND, L18K Granite Moun, P17K Kvichak River, etc.

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Table with columns: ID, Name, Location, Hy, Altitude, Wind, Temp, etc. Includes entries like G23K Bonanza Creek, D23K Nanushuk River, BWN Browne, etc.

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Table with columns: ID, Name, Location, Hy, Altitude, Wind, Temp, etc. Includes entries like TWG Pinlang, D27M Malcolm River, L27K Beaver Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Yellowknife Ar, Borovoye Array, Borovoye, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Collim, TXAR, VYHS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, KURBB, YKA, etc.

5d 21h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NKME, VAY, DBRK, BRY, etc.

JMA 05 20:40:06.0 3.3636N 107.1444E, h55km, MV3.9/3.5, FAR E OFF CENTRAL HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ONAJ, Iwakituzishiy, Kawauchi, etc.

NEIC 05 20:40:21.8 0.8, 8.19, 408N, 0.010:155.294W, 0.006, h2km, 3km, Error ellipse: s-maj=1.5km s-min=0.9km az=175.0

HVO 05 20:40:21.2 0.7, 19.404N, 0.010:155.280W, 0.005, h1km, 5km, M2.5, ML2.2/34(NEIC), Error ellipse: s-maj=1.5km s-min=0.6km az=169.0, Hawaii Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RIM, OBL, KKO, EYL, etc.

NEIC 05 20:46:21.0 1.3, 2.3N, 0.1, 128.3E, 0.2, h242km, 8km, mb4.2/26, Error ellipse: s-maj=22.0km s-min=15.0km az=79.0

IDC 05 20:46:24.8 8.0, 2.26N, 128.54E, h291km, 87km, mb3.3/10, mb1mp4.0/11, Error ellipse: s-maj=44.9km s-min=14.4km az=58.0

ISC 05 20:46:21.3 0.6, 2.24N, 0.07, 128.3E, 0.1, h250km, n42, 0.095/42, mb3.9/23, Malahera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TNTI, LUWI, SOEI, etc.

2018 JUN

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FITZ, TPUB, WBO, WRA, etc.

RSNC 05 20:50:54.3 0.0, 7.7N, 177.3W, h146km, 3km, M2.5, mb5.0, mb5.8, ML2.5, Mw(mB)5.3, Northern Colombia

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

SOME 05 21:45:21.3, 43.08N, 79.23E, h15km, NNC 05 21:45:21.0 0.5, 43.12N, 79.22E, h6km, 2km, mb3.4, mpv3.3, Error ellipse: s-maj=5.0km s-min=1.9km az=160.0

KRNET 05 21:45:21.6 0.1, 43.17N, 79.18E, h26km, mb2.2, ISC 05 21:45:22.6 0.8, 43.18N, 0.03, 79.14E, 0.02, h14km, 3km, n56, r144/101, 17C-5D, Lake Issyk-Kul region

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

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PDGK, ZHN, SATY, KURS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN, AKL, KUDL, Simla, ChangSha, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NACB, NACB, ZSK, MK31, MKAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JKA, ERM, SOEI, SOEI, RAYN, etc.

5d 23h

2018 JUN

Table with columns: Station Name, Frequency, Power, Mode, and Date/Time. Includes stations like OKC, MORH, VIKU, MORC, HORC, JAVC, SPB2, SPITS, VRAC, PRU, CONA, BRG, ZIRJ, NOA, MOA, KHC, CTAO, PRED, LESA, STAL, NRCA, WTTA, SOTA, MOTA, RETA, DAVA, NOR, GAMB, STKA, VSL, TNA, C16K, BNI, DAG, F14K, C17K, B18K, KEST, JEST, RDOG, D17K, F15K, ANM, SPIA, C18K, EIDS, G15K, C19K, E17K, DBG, P08K, E18K, B20K, F17K, M11K, A22K, D19K, K13K, H16K, J14K, F18K, G17K, D20K, B21K, B21K.

Table with columns: Station Name, Frequency, Power, Mode, and Date/Time. Includes stations like B22K, B22K, E22K, E19K, E19K, E20K, C21K, F19K, H17K, G18K, I17K, NIKH, L14K, M13K, LSZ, J16K, K15K, H18K, G19K, E21K, E21K, F20K, L15K, D22K, M14K, C23K, J17K, SCO, H19K, H19K, UNV, N14K, EUUN, F21K, D23K, E22K, M15K, CEST, C24K, K17K, F22K, G21K, H20K, O14K, ARMA, D24K, D24K, L17K, NEEM, NEEM, TOLK, TOLK, J18K, N15K, M16K, J19K, G22K, H21K, H21K, N16K, D25K, D25K, O15K, L18K, E24K, E24K, C26K, M17K, J20K, H22K, G23K, S12K, I21K, K20K, F24K, C27K, N17K, O16K, M18K.

Table with columns: Station Name, Frequency, Power, Mode, and Date/Time. Includes stations like L19K, P16K, E25K, H23K, MLY, L20K, N18K, M19K, F25K, SUMC, CAST, CAST, SDPT, BPAW, BPAW, I23K, S14K, PPLA, P17K, G25K, D27M, F26K, N19K, BMAR, M20K, NEA2, O18K, R16K, TULEG, MDM, CHGN, P18K, CHNA, E27K, E27K, POKR, D28M, G26K, Q17K, SKT, SKT, MCK, E28M, N20K, ILAR, ILAR, PRP, SOEG, SOEG, KULLO, HDA, P19K, O20K, SUA, G27K, E29M, E29M, CAPN, J25K, A36M, DHY, R18K, H27K, I26K, WAT6, K24K, RC01, CHIR, SML, Q20K, CNPM, I27K, ESDC, J26L, BRSE, KNK, SII, G29M, SCRR, SCRR, OHAK, SCM.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Kodiak Island, Kodiak Island, Kodiak Island, Paxson, Resolute Bay, Barrier River, Greenland Ices, Upernavik, Seward, Inuvik, Tolsona, Glenn, Whitestone, Miner Creek, Eagle, Aoh Zraii Nji, HAARP, Chicken, Glacier Island, Eagle Plains, Klutina, Tsighehtich, Lobatse, Oglivie Camp, Satah River, Montague Island, Chitina, Valde, Beaver Creek, Nabesna, AK, Beaver Creek A, Ummg, Dawson, Paulatuk, Bremner River, Mount Dempster, Edge Creek, AK, Peel River, Hart River, Barlow Dome, Kayak Island, L29M, Moose Creek, Bering Glacier, Somme Creek, Boshof, Boshof, Minto, Yukon, Mount Upton, Talbot Arm, Dye2, Outpost Mounta, Aishikik Lake, Mount Kennedy, Haines Junction, Drury Creek, Y, Peninsula, Eraburn, Yuko, Mendenhall, Million Dollar, Windy Craggy, Sheldon Lake, Whitehorse, Quiet Lake, Pleasant Camp, Torodi Ar. Bea, Skagway, Teslin, Yukon, Atlin, Pelican, Nuuk, Eaglecrest, Jennings River.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Killisnoo, Sutherland, Dease Lake, Telegraph Cree, Wrangell Islan, Yellowknife Ar, Bob Quinn, Craig, Ketchikan, Newport, Missoula, Egadon, Dagmar, Maddock, Hailey, Red Lodge, Ely, Peaks-Kenny Pk, Boulder Array, Lisbon, Ozonia, Dugway, Tooele, EROS Data Cent, Troy Canyon, C, Simmer, Adam Dzielowski, Red Feather La, McPherson Peak, Manual Prospec, Jewell Farm, Lake County Fo, Palisades, Catalina Islan, Granite Mounta, San Clemente I, Standing Stone, Mesa Verde, Belle Mtn. Jos, Pinyon Flats O, Pinon Flats, Hopedale, Great Sand Dun, Neumayer-Watz, Lafayette, Wupatki, Parker Dam, Lak, New Philadelph, Big Chuckawall, Alum Creek Sta, Farmland, Cedar Bluff, Kansas State U, Mont Chateaux, In-Ko-Pah, Jac, Neumayer Olymp, Corning, Trinidad, Miami Univ. Ec, Petrified Fore, Cathedral Cave, Wyandotte Cave, Albuquerque, Organ Pipe Nat, Blacksburg, Leonard, Tazewell, Cooke Peak, D, Wichita Mounta, Kings Mountain, Mount Ida, Cornudas Mount, Oxford, Abilene, Hawle, Godfrey, Lake Whitney, Lakeview Retre, Nacogdoches, Junction City, Lajitas Array, Jarrell, Tifton, Brewton, Chaparral WMA.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Disney Wildern, Brasilia, El Rosal, Villa Florida, Tailiawang, Sumb, Singaraja, Jajag, Banyuwa, Asem Bagus, Plampang, Banyuglugur, Waikabubak, Su, Gresik, Pagerwojo, Baweana, Baing, Sumba, Wanagama, Ujung Watu, Bulukumba, Ende, Flores, Maurese, Lan-yu, Lyub, Lyub, SMST, TWKBT, TWKBT, TWK1, TAWH, TAW, SLIU, HEN, HEN, EAST, LDUT, LDUT, ECL, TTN, SCZT, TWGBT, TWG, LONT, MASBT, EDH, EDH, TSMG, SSD, CHKT, CHKT, EHD, CHKH, CHKH, FULB, SLGT, SCST, TWM1, ELDT, STYH, SGST, EYUL, YULI, YULI, SHHT, CHN1, WTP, HGSD, TPUB, EHY, TWK, ALS, WARB, ICHU, WVDW, WHYT.

ASAR Alice Springs 14.48 170 P P 00 52 06.1 -0.3
MKAR Makanchi Arr 65.38 326 P P 00 58 11.0 -0.1
KURBB Kurchatov Arr 69.59 328 P P 00 58 37.8 +0.2

IDC 06 00:48:16.4:0.9,2.7:01N:143.90E,h0km,mb4.0/13,
mbmp4.1/16,ML3.7/3,MS2.8/2,Error ellipse:
s-maj=26.8km s-min=20.9km az=48.0

NEIC 06 00:48:18.9:1.4,2.6:98N:0.09:143.74E:0.10,h10km,1km,
mb4.4/31,Error ellipse:s-maj=18.2km s-min=11.4km
az=136.0

JMA 06 00:48:21.0:0.1,2.7:2N:0.3:143.8E:0.3,h88km,MV4.1/22,
NEAR CHICHIJIMA ISLAND

ISC 06 00:48:22.6:0.7,2.7:15N:0.07:143.60E:0.07,h35km,n77,
r=147/76,mb4.3/28,Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res
CBIJ Chichi jima 1.27 268 Op Pn 00 48 44.1 +0.3
CBIJ Chichijima 1.27 268 S S 00 48 47.0 +1.8
JCJ Chichijima 1.27 268 Sn Sn 00 48 57.2 -2.3

JHJ Haha-jima-NKT2 1.37 248 P P 00 48 45.5 +0.2
JHJ2 Mitsune 6.79 332 P P 00 49 04.0 +1.8
JHJ3 Hachijo jima 2 6.81 332 Pn Pn 00 49 59.8 -1.9
JHJ 5.7km,0.3s,baz=90,slow=20,SNR=2.1

BSO1 Boso 1 7.81 344 S Sn 00 51 40.7 +0.5
BSO2 Boso 2 8.08 342 S Sn 00 51 47.8 +0.7
BSO3 Boso 3 8.30 341 eS Sn 00 51 52.0 -0.8
BSO4 Boso 4 8.30 341 eS Sn 00 51 52.0 -0.8

MAJO Matsu-Tunnel 10.43 335 Pn Pn 00 50 48.9 -0.7
MJBS Matsu-Tunnel 10.43 335 Pn Pn 00 50 49.0 -0.6
JMM Marumori 10.95 348 Pn Pn 00 50 57.3 +0.6
JMZ Minamidaito 2 11.17 266 Pn Pn 00 50 58.1 -1.7

KSR5 Korea Arr 16.75 312 P P 00 52 17.1 +0.8
ASAJ Asahikawa 16.95 358 LR LR 00 59 35.0
USRK Ussuriysk Arr 19.42 334 P P 00 52 49.4 +2.4

H1N2 WAKE ISLAND Hy 22.59 104 T T 01 16 16.2
H1N1 WAKE ISLAND Hy 22.59 104 T T 01 16 17.3
H1N3 WAKE ISLAND Hy 22.60 104 T T 01 16 13.9

PETK Petropavlovsk- 27.98 18 LR LR 01 06 02.3
SONM Songino Array 35.55 316 P P 00 55 19.3 +2.8
WB0 Warramunga Arr 47.48 192 P P 00 56 53.1 -2.9

WR0 Warramunga Arr 47.65 192 P P 00 56 53.2 -2.2
WB2 Warramunga Arr 47.66 192 P P 00 56 53.5 -2.1
WRA Warramunga Arr 47.66 192 P P 00 56 51.2 -4.5

ZALV Zalesovo Beam 50.28 319 P P 00 57 16.1 +0.8
ZALV Zalesovo Beam 50.28 319 P P 00 57 16.1 +0.8

MK31 Makanchi Array 51.42 310 P P 00 57 25.2 +1.1
MKAR Makanchi Array 51.42 310 P P 00 57 25.2 +1.1
MKAR Makanchi Array 51.42 310 P P 00 57 25.4 +1.4

MAK2 Makanchi 51.63 310 P P 00 57 26.9 +1.3
N17K Nushagak Hills 51.68 33 P P 00 57 26.6 +0.8
N17K Nushagak Hills 51.68 33 P P 00 57 32.3

H18K Kilae Creek 52.34 33 P P 00 57 31.7 +1.0
H18K Honhosra River 52.36 27 P P 00 57 31.2 +0.4
H18K Honhosra River 52.36 27 P P 00 57 34.4

KDOK Kodiak Island 53.57 37 P P 00 57 39.2 -0.6
KDAK Kodiak Island 53.57 37 P P 00 57 42.9
SYI Shuyak Island 53.76 36 P P 00 57 40.6 -0.6

KURK Kurchatov 53.85 314 P P 00 57 42.9 +1.1
J20K Nowinta River 53.86 29 P P 00 57 43.3
KURBB Kurchatov Arr 53.91 314 P P 00 57 43.8 +1.4

CAST Castle Rocks 54.61 30 P P 00 57 47.9 +0.5
B22K Teshkepuk Lake 55.66 21 P P 00 57 54.9 +0.2
B22K Teshkepuk Lake 55.66 21 P P 00 57 58.1

C23K Itkilik River 56.47 22 P P 00 58 01.1 +0.6
C23K Itkilik River 56.47 22 P P 00 58 02.9
E24K Your Creek 56.87 25 P P 00 58 04.8 +1.3

ILAR Eielson Array 57.06 29 P P 00 58 04.0 -0.8
BMAR Burt Mountain 58.26 26 P P 00 58 14.2 +0.9
J26L Joseph Creek 58.47 29 P P 00 58 14.6 -0.3

ABKAR comp=2.4,8nm,1.3s IAMB IAMB 00 59 07.4
YKA Yellowknife Arr 71.49 29 P P 00 59 37.4 -2.0
FINES FINES Array B 78.45 334 P P 01 00 20.7 +1.1

KBZ Khabaz 78.89 313 P P 01 00 23.2 +0.9
NVAR Mina Array Bea 79.49 52 P P 01 00 25.6 -0.4
SUMG Summit 80.53 1 P P 01 00 31.9 +0.7

NOA NORSTAR Array B 84.02 339 P P 01 00 48.7 -0.5
BRTR Keskin Array B 86.89 313 P P 01 01 03.7 -0.4
LPAZ La Paz 148.69 76 P P P P 01 08 06.8 -0.8

WEL 06 00:55:21.4:0.2,3.9:5.3:17.5E:1,h19km,3km,M3.3/34,
ML3.6/36,MLV3.3/34,Error ellipse:s-maj=0,0km
s-min=0.0km az=177.3,confirmed,North Island

VRZ Vera Road 0.17 312 P P 00 55 27.7 +1.7
PKVZ Pokaka 0.34 99 P P 00 55 30.1 +1.2
PKVZ Pokaka 0.34 99 P P 00 55 36.0 -1.6

TRVZ Turoa 0.49 97 P P 00 55 32.6 +1.0
FWWZ Far West T-bar 0.49 92 P P 00 55 32.5 +0.9
MAVZ Matarangi 0.50 94 P P 00 55 32.9 -0.9

WHVZ Whangaehu Hut 0.52 95 P P 00 55 33.0 -1.0
NGVZ Ngauruhoe 0.54 84 P P 00 55 33.1 +0.9
WVWZ Wahianoa 0.54 100 P P 00 55 33.2 +0.7

WTVZ West Tongariro 0.54 77 P P 00 55 33.0 +0.8
NNVZ North Ngauruhoe 0.55 79 P P 00 55 33.4 +0.9
DREV Durham Road 0.56 275 S S 00 55 33.9 +1.4

SNVZ South Ngauruhoe 0.56 85 P P 00 55 33.7 -0.8
TUVZ Tukino 0.57 93 P P 00 55 34.0 -0.7
KRWZ Karewarewa 0.58 76 P P 00 55 34.7 -0.7

OTVZ Oturere 0.59 83 P P 00 55 34.0 -0.8
PREZ Palmer Road 0.60 260 P P 00 55 33.6 +0.3
NTVZ North Tongariro 0.61 77 P P 00 55 34.1 +0.7

TMVZ Te Maari 0.62 79 P P 00 55 34.5 +0.7
ETVZ East Tongariro 0.62 81 P P 00 55 34.7 +0.7
NEZ North Egmont 0.64 267 P P 00 55 34.7 +0.4

KATZ Kakaramea 0.66 67 P P 00 55 35.0 +0.5
MOVZ Moawhanga 0.67 105 P P 00 55 35.0 +0.4
KHEZ Kahui Hut 0.70 265 P P 00 55 35.2 0.0

HIZ Huihui 0.72 356 P P 00 55 35.4 +0.1
PKFE Pukeitii 0.72 273 P P 00 55 35.4 +0.2
RATZ Rangitukia 0.75 81 P P 00 55 37.1 -0.2

RITZ Rihia Road 0.78 71 P P 00 55 37.1 -0.2
NBEZ Newall Road No 0.82 267 P P 00 55 37.0 +0.1
NMEZ Namu Road 0.83 257 P P 00 55 36.9 -0.1

WATZ Wairara 0.83 51 P P 00 55 37.4 -0.1
GHWZ Gile Hill Sta 0.92 167 P P 00 55 37.7 +0.1
WHYZ Whakaora 0.95 55 P P 00 55 37.0 +0.1

OHVZ Oheakea 1.01 163 P P 00 55 40.4 +0.1
KUTZ Kaahu Road 1.03 44 P P 00 55 40.6 +0.1
TLZ Tolley Road 1.03 28 P P 00 55 39.7 -0.8

KWVZ Kaweka Forest 1.15 136 P P 00 55 42.2 -0.3
KRHZ Kereri 1.19 100 P P 00 55 43.7 +0.3
PNHZ Pukekiri 1.20 125 P P 00 55 43.0 -0.2

MRZ Mangatanioka R 1.51 161 P P 00 55 47.8 +0.4
MTHZ Mt Hanganui 1.55 76 P P 00 55 48.4 +0.2
PRWZ Port Road 1.57 149 P P 00 55 48.4 0.0

OGWZ Otaki Gorge 1.59 173 P P 00 55 49.2 +0.7
KAHZ Kahurangi 1.61 111 P P 00 55 52.4 0.0
KHVZ Kapiti Island 1.62 180 P P 00 55 49.1 +0.2

NNC 06 00:57:55.8:2.3,38.79N:70.33E,h0km,mb3.9,mpv3.5,
4C-4D,Error ellipse:s-maj=17.8km s-min=14.2km
az=39.0, Afghaniestan-Tajikistan border region

KK31 Karatay Array 4.31 2 Op Pn 00 59 01.9 -0.8
KK31 Karatay Array 4.31 2 Op Pn 00 59 55.0 +1.3
AAK Ala-Archa 4.98 38 Up Pn 00 59 13.2 +1.2

TKM2 Tokmak 2 5.75 42 Up Pn 00 59 22.3 -0.3
TKM2 Tokmak 2 5.75 42 Up Pn 00 59 30.2 +1.0
TKM2 Tokmak 2 5.75 42 Up Pn 00 59 55.9

JKE Kume jima 2 1.11 73 Op Pn 01 35 38.2 +0.2
JKM Ikemajima 1.12 197 Op Pn 01 35 38.8 +0.5
JIRB Irabujima 1.23 199 Op Pn 01 35 54.8 -0.3

JOGS Gusukube 1.25 188 P P 01 35 59.8 +0.4
JMUJ Miyako jima3 1.28 191 Op Pn 01 35 40.1 +0.2
JMTJ Tarama 1.58 211 Op Pn 01 35 57.2 +0.1

JAGN Aguni-jima 1.58 68 Op Pn 01 35 44.2 +0.6
JISG Ishigakijimahi 1.83 210 Op Pn 01 35 47.2 +0.5
JISG Ishigaki jima 2.10 229 Op Pn 01 35 50.4 +0.2

MKAR Makanchi Array 39.94 313 P P 01 42 41.2 +0.6
ZALV Zalesovo Beam 41.02 324 P P 01 42 48.5 -0.9
KURBB Kurchatov Arr 43.41 317 P P 01 43 08.8 +0.1

WRA Warramunga Arr 46.45 169 P P 01 43 32.6 -0.5
ILAR Eielson Array 65.75 28 P P 01 45 50.7 +0.6

FKAI Fak Fak 5.02 38 Op Pn 02 10 26.8 -1.1
DRS Darwin Rock St 5.78 163 P P 02 10 49.6 +2.4
MTN Manton Dam 6.24 162 P P 02 10 54.7 +1.5

WRA Warramunga Arr 13.93 159 P P 02 12 30.4 -1.5
ASAR Alice Springs 17.31 165 P P 02 13 11.4 +0.3
ASAR Alice Springs 17.31 165 P P 02 16 18.5 -2.4

MKAR Makanchi Array 67.66 327 P P 02 19 57.9 -0.3
KNET 06 02:32:36.8:0.2,4.3:04N:74.91E,h8km,3km,m1.0,Error
ellipse:s-maj=1.7km s-min=1.2km az=3.0

NNC 06 02:32:36.8:0.2,4.3:04N:74.92E,h0km,mb3.4,mpv2.6,
Error ellipse:s-maj=2.1km s-min=0.6km az=169.0,
Suspected Mining explosion.

SOME 06 02:32:37.0:1.1,4.3:05N:74.88E:0.02,h0km,n11,
ISC 06 02:32:37.0:1.1,4.3:05N:74.88E:0.02,h0km,n11,
r=65/132,15C-7D,Central Kazakhstan

CHMS Chumysh 0.13 248 Up Pn 02 12 39.5 -0.1
CHMS Chumysh 0.13 248 Up Pn 02 12 41.5 +0.3
CHMS Chumysh 0.13 248 Up Pn 02 12 39.4 -0.1

USP Ospanovka 0.38 306 Up Pn 02 12 44.3 -0.1
KBK Karataybuk 0.39 177 Up Pn 02 12 44.9 +0.4
KBK Karataybuk 0.39 177 Up Pn 02 12 51.0 +1.5

TKM2 Tokmak 2 0.51 104 Up Pn 02 12 47.0 +0.2
TKM2 Tokmak 2 0.51 104 Up Pn 02 12 46.5 -0.4
TKM2 Tokmak 2 0.51 104 Up Pn 02 12 54.2 +0.7

AAK Ala-Archa 0.52 217 Up Pn 02 12 46.7 -0.2
AAK Ala-Archa 0.52 217 Up Pn 02 12 54.3 +0.7
AAK Ala-Archa 0.52 217 Up Pn 02 12 47.0 +0.2

DGS Degeres 0.65 72 P P 02 12 49.8 +0.2
DGS Degeres 0.65 72 P P 02 12 58.3 +0.3
KST KasteK 0.77 90 P P 02 12 52.1 +0.4

KST KasteK 0.77 90 P P 02 13 02.5 +0.8
KRBS Karabastau 0.85 40 P P 02 12 53.8 +0.4
KRBS Karabastau 0.85 40 P P 02 13 05.5 +0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vila Bisbo, Marmeleite, Sao Teotônio, Nicoulau / Gran, Messejana, Barraço-do-Ve, Castro Verde, Mafrá, Alcochete, Vaqueiros, Evora, Montargil, Estremoz, Barrancos, Espera, Castelo Branco, Jimena Fronter, Sarsar, Viseu, El Cabril, ZHG, Placencia, Adamuz, Cabril, Lobios, Gaveiria, Arco, Mazaricos, Trine Tigouga, Md31, Ouz.

mb4.3/15, Error ellipse: s-maj=26.7km s-min=12.5km az=90.0
ISC 06 02:34:06.4-0.6, 18.75N, 0.06:145.9E:0.1, h145km, n41,
s185/37, mb4.0/19, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO Guam, JCJ Chichijima, JCJ Chichijima, JHW Hachiojima, JOW Kunigami, MJAR Matsushiro Arr, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, WBO Warramunga Arr, WR0 Warramunga Arr, WR2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASB1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MORW Morawa, J16K Anvik River, MKAR Makanchi Array, CAST Castle Rocks, KURRB Kurchatov Arr, PMR Palmer, B2ZK Teshekpuk Lake, C23K Itkillik River, ILAR Eielson Array, BMAR Burrut Mountain, BVAR Borovoye Array, ABKAR Akbulak Array, YKA Yellowknife Arr, NVAR Mina Array Bea, FINES FINESS Array B, AKASA Malin Array B, LPAZ La Paz, IDC 06 02:39:29.8-2.1, 7.07S:129.11E, h0km, mb3.6/1, mbmp3.5/3, ML3.7/2, MS3.2/2, Error ellipse: s-maj=113.2km s-min=33.2km az=67.0, Banda Sea, Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WARRAMUNGA ARR, ASAR Alice Springs, JOW Kunigami, MKAR Makanchi Array, BELG Geloroye, IDC 06 03:08:24.0-0.6, 1.21N:107.126:85E:0.07, h72km, n37, s125/44, mb4.2/15, Northern Molucca Sea, Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, SANI Sanana, GTOI Gorontalo, LUI Luwuk, TOLIZ Tolitoli, BBSI Bau Bau, MYLDM Lahad Datu, BKSI Bulukbuka, KAPI Kappang, KAPI Kappang, FITZ Fitzroy Crossi, WBO Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CHTO Chiang Mai, CHTO Chiang Mai, LSA Lhasa, SOMN Songino Array, MK31 Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, KURRB Kurchatov, KURK Kurchatov, BVAR Borovoye Array, ABKAR Akbulak array, ABKAR Akbulak array, VNA Vanda, VNA Vanda, VOI Vohitoka, L16K Ohwat River, L16K Ohwat River, KDAD Kodiak Island, TORD Torodi Arr, IDC 06 03:15:47.0-0.8, 5.22S:16.10E, h0km, mb4.1/6, mbmp4.2/6, MS3.5/14, Error ellipse: s-maj=53.3km s-min=19.1km az=86.0, NEIC 06 03:15:48.5-1.3, 5.23S:36.0E:1.0, h10km, 2km, mb4.4/8, Error ellipse: s-maj=22.3km s-min=19.4km az=345.0, IDC 06 03:15:48.4-0.6, 5.227S:0.10x16.5E:0.2, h10km, n43, s054/24, mb4.2/9, MS3.4/14, SC, Southwest of Africa, Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUR Sutherland, SUR Sutherland, SUR Sutherland, TROLL Troll, Antari, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, VNA3 Neumayer Olymp, H04S2 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, BOSA Boshof, BOSA Boshof, MAW Mawson, LBTB Lobatse, BELA Belgrano, TSUM Tsumeb, QSPA South Pole Qui, QSPA South Pole Qui, VOI Vohitoka, CASY Casey, VNA Vanda, VNA Vanda, H10S2 ASCENSION HYDRO, H10S3 ASCENSION HYDRO, MG05 Puerto Natales, MBAR Mbarara, PLCA Paso Flores, DBIC Dimbokro, BO02 Sierra Bellav, TORD Torodi Arr, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, EIL Elat, MMAI Mount Meron Arr, ASAR Alice Springs, BRTR Keskid Array B, PDAR Pinedale Array, NVAR Mina Array Bea.

YKA Yellowknife Ar 152.38 311 PKPbc PKPbc 03 35 41.9 -1.2
ILAR Eielson Array 164.81 332 PKPab PKPab 03 36 47.8 +0.6

NEIC 06 03:49:12.8, 0.4, 36.29N, 0.01:97.51W, 0.01, h8km, 2km,
Error ellipse: s-maj=1.6km s-min=1.2km az=164.0

TUL 06 03:49:13.1, 0.6, 36.29N, 0.01:97.51W, 0.01, h8km, 4km,
ML2.7, mb_Lg2.1/17(NEIC), ML2.5/62(NEIC), Error
ellipse: s-maj=1.6km s-min=1.3km az=185.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CROK Carrier, OK048 Pawnee Station, OK029 Liberty Lake, etc.

DRS 06 03:58:20.5, 40.93N, 43.69E, h11km
MOS 06 03:58:23.9, 41.10N, 43.98E, h1km, MPVA4.7

TIF 06 03:58:23.2, 41.06N, 43.95E, h12km
IDC 06 03:58:23.7, 41.07N, 44.10E, h0km, mb3.8/6,
mbtp3.8/9, ML3.1/4, MS3.0/7, Error ellipse: s-maj=15.7km

s-min=6.6km az=65.0
AFAD 06 03:58:23.9, 0.0, 41.01N, 43.89E, h35km, 1km, MW3.8
NSSP 06 03:58:23.4, 41.00N, 44.00E, h10km, Ms3.5

NORS 06 03:58:26.2, 41.26N, 44.03E, h1km, MPVA4.6
NNG 06 03:58:32.1, 11.0, 41.00N, 45.62E, h0km, mb3.8, Error
ellipse: s-maj=181.3km s-min=139.5km az=15.0

ISC 06 03:58:24.4, 0.7, 41.05N, 0.01:43.98E, 0.01, h9km, 5km,
n174, s187, m13.9/19, MS3.2/5, 12C-14D,
Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DMNI Dmanisi, BGD Bogdanovka, KZRT Kazreti, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRNG Burnasheti, AMBZ Amberd, DIGO Kars, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BATM Batumi, SHTL Shatili, VSHL Vashlovani, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include 03 58 64.0 +0.6, 03 59 19.0 +0.1, etc.

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Table with columns: DBC, comp, station name, time, frequency, and other parameters. Includes stations like BUJR Buynask, URKR Urkarakh, KVAR Kislodvsk, etc.

Table with columns: CLL, station name, time, frequency, and other parameters. Includes stations like CLM Colim, KSH Kashi, KURBB Kurchatov, etc.

Table with columns: QRZ, station name, time, frequency, and other parameters. Includes stations like Quartz Range, BSWZ Blackbirch Sta, THZ Tophouse, etc.

NOU 06:04:07:59.2,30:03S:178:12W,h400km,mb4.6/51,
NEIC 06:04:08:02:16.29:30S:179:4W:0.1,h347km,5km,
mb4.7/122, Error ellipse: s-maj=17.5km s-min=11.4km
az=112.0
IDC 06:11:02:03:7.0,5,29:72S:179:47W,h358km,4km,mb4.1/18,
mbtm4.8/18, Error ellipse: s-maj=10.8km s-min=9.6km
az=86.0
ISC 06:04:08:01.6:0.5,29:94S:0:05:179:34W:0.06,
h342km,4km,h342km:pP,n375,0159/383,mb4.7/82,
17C-12D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az*, Phase, Time, Res, and other parameters. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like ARPS Mount Arapiles, STKA Stephens Creek, INKA Innamika, etc.

Table with columns: SBUM, SibU, KSM, JOW, INU, JGF, MJAR, MAJO, MJB9, TPUB, TROLL, SSSL, JSD, JNU, SNA, SNA, SNA, SNA, VNA3, VNA3, VNA2, JTM, VNA1, KSR, RPI, GSI, PETK, USR, PFO, PMD, CMB, AFDM, GSC, 113A, WAKR, L02F, DSP, GWY, YBH, LHV, K02D, NV11, HUMO, L04D, DBO, CN2, Y14A, BNK, TUC, PRN, KLR, 319A, J05D, H04A, LYN, LYN, HNS, WVOR, Q12A, U15A, KNB, WUAZ, O18K, I07A, J08A, ELK, CMAR, CMAR. Each row contains station name, frequency, and various status indicators.

Table with columns: G08A, TXAR, MFID, TMUT, L19K, PZH, PZH, PDAR, M27K, ILAR, MKAR, MKAR, MKAR, ZALV, BOS, KURK, KURB, KBL, KKAR, BVAR, SPITS, ABKAR, GEYT, GEYT, GEYT, ARCES, ARCES, ARCES, JOF, KZB, YAF, KIV, KEF, OBN, FINES, FINES, BCA, MEF, ARBE, RIF, AA, AA, MTSE, UPP, NB2, HFS, VIKU, PABE, KONO, DIK, KDKM, AK03, AKASG, AKASG, AK01, KIEV, AK09, MMAI, AK12, MI30, MI28, SUW, MIZR, NES6, BRTR, BRTR, BRTR, BR104, BR106, BR105, LUBA, RNP9, DEL, ANTO, ANTO, CSS, MIZR, SORM, BSD, KMPP, KEMP, BELS, CAR, TESR, BURAR, BURAR, VRI, KWP, PLOR, EKA, MLR, KOLS, DOPR, STHS, CRVS, NIE, ARR, DRGR, DBIC, MORC, CLL, VYHS, BRG, BRG, SURR, JYAC, JYAC, KRUC, MIDS, MDVR, ZST, RONA, CONA, GERES, GERES, GRF, MOA, BIOA. Each row contains station name, frequency, and various status indicators.

Table with columns: SOKA, LESA, MYKA, WTTA, RETA, MOTA, ABTA, SQTA, FETA, DAVA, TORO, TORO, TORO, TORO, ESDC, ESDC, KEST. Each row contains station name, frequency, and various status indicators.

RSNC 06 04:03.1±0.0, 7°N, 176°W, h-2km, M2.8, mb4.1, mb4.2, ML2.8, Mw(mb)3.3, Northern Colombia

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for a specific event.

IDC 06 04:51:52.9±0.4, 7.35S, 129.04E, h11km, 99km, mb3.3/1, mbmt3.8/4, ML3.9/3, Error ellipse: s-maj=106.1km, s-min=33.7km az=41.0, Banda Sea

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for another event.

BUI 06 04:53:49.4±0.0, 1.79S, 135.74E, h10km, mb4.9/68, mb5.0/28, Ms4.4/33, Ms7.4/37

MOS 06 04:53:54.7±0.1, 1.24S, 135.27E, h15km, mb5.0/37, Error ellipse: s-maj=10.3km s-min=5.7km az=116.8

IDC 06 04:53:54.9±0.5, 1.21S, 135.23E, h0km, mb4.6/19, mbmp4.7/22, ML5.0/33, M3.8/41, Error ellipse: s-maj=22.1km s-min=11.8km az=80.0

NEIC 06 04:55:56.1±0.3, 1.34S, 0.08E, 135.21E, 0.07, h10km, 1km, mb5.0/124, Error ellipse: s-maj=13.4km s-min=11.6km az=161.0

GCMT 06 04:54:00.6±0.3, 1.21S, 0.02E, 135.22E, 0.01, h2km, 1km, MV5.0/106, Moment Tensor Solution. s34, c36, s106, c140, Duration: 0 Moment tensor: Scalar 10^16Nm

Mw0.40±.18; Mw2.8±.11; Mw3.2±.12; Mw1.4±.21; Mw0.31±.08; Mw0.09±.18; Best double couple: M2.0, 0.0000°, NP2=39.0000°, 87.00000°, A.164.00000°, Principal axes: T 3.5170, P1g24.0000°, Azm358.0000°; N -0.2340, P1g65.0000°, Azm170.0000°; P -3.2840, P1g3.0000°, Azm266.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

DJA 06 04:54:01.4±0.7, 1.52±1.3°E, h11km, 5.8M, 0.49, mb5.2/49, mb5.4/14, MLV5.3/12, Mw(mb)4.8/14, MwMwp4.6/2, Mwps0.2

ISC 06 04:53:57.5±0.5, 1.35S, 0.04E, 135.25E, 0.04, h16km, 2km, h17km, 1km, P, n520, r193/491, mb5.0/138, M3.9/52, C-SD, Irian Jaya region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for a final event.

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Main data table containing columns for station codes (e.g., GENI, JAY, BNDI), names (e.g., Genyem, Jayapura, Bandanaira), coordinates, and various numerical values (e.g., 5.07 104, 5.07 102, 6.20 239).

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like ZSN Makanchi Array, MKAR Makanchi Array, SHLS Shalkode, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like VVDA Vanda, K13K Kusilvak Mount, S14K Fog Glacier, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like L20K Farewell, AK, C19K Lookout Ridge, M20K Styx River, etc.

Table of seismic events with columns: ID, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Tolsona, Klutina, Toolik Lake, etc.

Table of seismic events with columns: ID, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Haines Junction, Stokes Point, Pine Creek, etc.

Table of seismic events with columns: ID, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Ruinas Leon Vi, Copaltepe, Ciudad Sandoval, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
UWE	Uwekahuna	0.06	270		Pg		05	26	17.3	+0.8		
UWE	Uwekahuna	0.06	270	IAML			05	26	18.2			
UWE	comp=E,3um,0.4s											
RSD	Rained	0.06	314		Pg		05	26	16.6	+0.1		
RSD	comp=N,3um,0.2s											
KNH	Kane Nui o Ham	0.07	125		Pg		05	26	17.7	+1.0		
STCH	Steam Cracks	0.11	109		Pg		05	26	20.8	+0.8		
STCH	comp=N,4um,0.4s											
NPOC	North Pu'u	0.12	104		Pg		05	26	18.4	+0.8		
HLP	Hilina Pali	0.14	210		Pg		05	26	19.1	+1.0		
HLP	Hilina Pali	0.14	210	IAML			05	26	22.5			
HLP	comp=E,2um,0.8s											
MLH	Mauna Loa	0.16	296		Pg		05	26	19.5	+1.0		
MLH	Mauna Loa	0.16	296	IAML			05	26	23.2			
MLH	comp=N,2um,0.6s											
JOKA	Jonika Flow	0.21	87		Pg		05	26	19.9	+0.5		
JOKA	comp=N,1um,0.9s											
HMH	Humu'ula Sheep	0.30	307		Pg		05	26	21.8	+0.8		
HMH	comp=N,813nm,0.6s											
MLOA	Mauna Loa Obse	0.34	289		Pg		05	26	22.7	+0.8		
MLOA	comp=N,616nm,0.7s											
MLOA	comp=E,381nm,0.6s											
MWH	Mokuaweowe	0.35	280		Pg		05	26	23.1	+1.1		
KHU	Kahuku	0.40	244		Pg		05	26	24.0	+1.0		
KHU	comp=E,591nm,0.7s											
KHU	comp=N,396nm,1.0s											
POHA	Pohakuloa	0.44	320		Pg		05	26	24.7	+1.0		
HPAH	Hawaii Prepare	0.75	324		Pg		05	26	29.0	-0.6		
MHA	Mahukona	0.99	320		Pg		05	26	32.6	-1.7		

KRSC 06 05:36:21.3±1.6, 50°18'N x 157°38'E, h81km±19km, M14.0,

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
SKR	Severo-Kuril's	0.81	261		eS		05	36	39.2	+1.1		
SKR	comp=N,3um,0.4s											
KDTR	Khodutka, Kamc	1.09	24		eS		05	36	51.6	+0.9		
KDTR	comp=N,3um,0.4s											
ASAK	Asacha	1.60	12		eS		05	36	58.9	+2.1		
MTVR	Mutnovka	1.75	16		eS		05	36	51.9	+1.9		
MTVR	comp=N,3um,0.4s											
GRL	Gorelyy	1.79	14		eS		05	37	15.7	+2.9		
GRL	comp=N,3um,0.4s											
KRMR	Karymshinskiy	2.07	13		eS		05	37	15.7	+2.9		
PET	Petrovskiy	2.35	19		eS		05	36	59.5	+1.7		
DALK	Dalny	2.38	20		eS		05	37	00.2	+1.2		
UGLR	Uglovaya	2.56	20		eS		05	37	03.6	+2.9		
AVH	Avchiva	2.59	18		eS		05	37	04.8	+3.5		
KOK	Koryak	2.60	17		eS		05	37	04.3	+3.0		
SMAR	Somma	2.61	19		eS		05	37	04.0	+2.6		
KRER	Koryakskii	2.63	18		eS		05	37	04.6	+2.8		
NLC	Nalytchevo	2.66	27		eS		05	37	03.0	+1.1		
NLC	comp=N,3um,0.4s											
KRN	Arik	2.67	17		eS		05	37	04.8	+2.4		
SPN	Mys Shipunski	2.81	35		eS		05	37	06.2	+2.2		
SPN	comp=N,3um,0.4s											
GNL	Ganally	2.91	7		eP		05	37	07.0	+1.6		
KII	Karymskiy	3.47	21		eP		05	37	16.3	+3.4		
TUMD	Tumrok D	4.76	21		eP		05	37	32.0	+1.5		
TUMR	Tumrok	4.78	19		eP		05	37	33.3	+2.5		

IDC 06 06:00:40.3±3.1, 54°14'N x 86°36'E, h0km, mbmp2.8/2,

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
I46RU	ZALESOVO INFRA	0.93	259		Pg		06	07	00.0			
ZALV	Zalesovo Beam	0.93	259		Pg		06	07	00.0			
ZALV	0.9nm,0.3s,baz=74,slow=17,SNR=4.8											
KURBB	Kurchatov Arra	5.95	237		Pn		06	02	09.9	+0.3		
KURBB	0.1nm,0.3s,baz=54,slow=13,SNR=2.3											
MKAR	Makanchi Array	7.80	201		Pn		06	02	36.9	+1.9		
MKAR	0.1nm,0.3s,baz=25,slow=14,SNR=2.0											

KNET 06 06:07:03.4±0.2, 43°04'N x 74°91'E, h10km±3km, ml1.5, Error ellipse: s-maj=1.3km s-min=1.0km az=36.0

NNC 06 06:07:03.7±0.1, 43°02'N x 74°93'E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=1.7km s-min=0.6km az=172.0

SOME 06 06:07:03.7±0.3, 43°03'N x 74°92'E

ISC 06 06:07:03.2±0.8, 43°11'N x 74°78'E, h0km, m28, az=060/50, 16C-7D, Central Kazakhstan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
CHMS	Chumysh	0.14	220		↑P		06	07	06.2	+0.3		
CHMS	147nm,0.2s,SNR=124											
CHMS	Chumysh	0.14	220		↑P		06	07	06.1	+0.3		
CHMS	22nm,0.2s											
CHMS	126nm,0.3s											
USP	Ospenovka	0.32	301		↑P		06	07	11.0	-0.8		
USP	55nm,0.1s,SNR=53											
SGDS	Sogindy	0.19	333		P		06	07	12.8	-0.2		
SGDS	63nm,0.2s											
SGDS	19nm,0.1s											
KBK	Karagaybulak	0.45	173		↑P		06	07	11.6	-0.3		
KBK	115nm,0.1s,SNR=61											
AAK	AAK-Archa	0.54	211		↑P		06	07	18.0	+0.2		
AAK	137nm,0.2s											
AAK	AAK-Archa	0.54	211		↑P		06	07	13.5	-0.2		
AAK	14nm,0.2s,SNR=24											
AAK	AAK-Archa	0.54	211		↑P		06	07	21.4	+0.7		
AAK	30nm,0.2s											
AAK	AAK-Archa	0.54	211		↑P		06	07	13.8	+0.1		
AAK	4.6nm,0.3s											
TKM2	Tokmak 2	0.56	109		↑P		06	07	20.8	+0.1		
TKM2	11nm,0.3s											
TKM2	Tokmak 2	0.56	109		↑P		06	07	13.5	-0.5		
TKM2	13nm,0.1s,SNR=213											
TKM2	51nm,0.1s											
TKM2	Tokmak 2	0.56	109		↑P		06	07	21.5	+0.2		
TKM2	2.9nm,0.3s											
TKM2	TKM2	0.56	109		↑P		06	07	13.4	-0.6		
TKM2	51nm,0.1s											
DGS	Degeres	0.67	78		P		06	07	20.4	-0.9		
DGS	7.9nm,0.3s											
DGS	Degeres	0.67	78		P		06	07	16.7	+0.6		
DGS	13nm,0.1s											
KST	Kastek	0.80	94		P		06	07	26.2	+1.3		
KST	21nm,0.2s											
KST	Kastek	0.80	94		P		06	07	18.4	-0.2		
KST	11nm,0.1s											
KRBBS	Karabastau	0.83	44		P		06	07	29.4	+0.5		
KRBBS	17nm,0.3s											
KRBBS	Karabastau	0.83	44		P		06	07	20.3	-0.3		
KRBBS	4.8nm,0.1s											
UCH	Uchter	0.92	197		↑P		06	07	32.1	-0.5		
UCH	6.0nm,0.2s											
UCH	Uchter	0.92	197		↑P		06	07	20.3	-0.5		
UCH	3.9nm,0.1s,SNR=30											
EKS2	Erkin-Sa	0.92	242		↑P		06	07	21.3	+0.4		
EKS2	9.8nm,0.2s,SNR=11											

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Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
EKS2	4.3nm,0.1s						06	07	34.3	-0.7		
MTBS	Maitube	1.14	88		P		06	07	24.2	-0.9		
MTBS	7.3nm,0.2s											
MRKS	Merke	1.26	254		P		06	07	39.5	-0.3		
MRKS												

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like Kastellorizon, Kas, Milas, Mugla, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like NATA, UCKU, SKY, VLI, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like SQA, MOTA, FETA, DAVO, etc.

2018 JUN

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MBWA Marble Bar, AS31 Alice Springs, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KVN Kaiserville, KVN Kaiserville, KVN Kaiserville, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GRG Griva, GRG Griva, GRG Griva, etc.

NEIC 06 07:32:14.8, 0.9, 39.40N, 0.02:119.98W, 0.03, h5km, 6km, Error ellipse: s-maj=3.7km s-min=2.6km az=155.0

REN 06 07:32:15.2, 0.9, 39.40N, 0.02:119.98W, 0.03, h8km, 5km, ML3.1/9, ML3.0/70(NEIC), Error ellipse: s-maj=4.0km s-min=2.1km az=56.0, Nevada

ISK 06 07:38:39.1, 41.59N, 23.57E, h12km, ML3.0/11 SOF 06 07:38:39.6, 41.63N, 0.01:23.69E, 0.01, h20km, 2km, MD3.1/10

ATH 06 07:38:41.5, 41.61N, 23.65E, h6km, 1km, ML2.6/17, Error ellipse: s-maj=1.9km s-min=0.8km az=179.0 SKO 06 07:38:41.9, 41.65N, 23.64E, h0km, ML2.4

THE 06 07:38:42.0, 41.57N, 23.64E, h8km, 1km, ML2.7/11, Error ellipse: s-maj=1.6km s-min=0.7km az=175.0 BEO 06 07:38:42.5, 0.3, 41.59N, 23.61E, h9km, 3km, ML2.7/12

ISC 06 07:38:40.9, 0.9, 41.58N, 0.02:23.65E, 0.02, h9km, 6km, n84, 0.677/133, 6C-6D, Greece-Bulgaria border region

IDC 06 07:43:51.2, 3.8, 5.57S:151.99E, h0km, mb3.8/2, mbmt3.9/2, MS3.3/2, Error ellipse: s-maj=154.3km s-min=49.5km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Ar, etc.

2018 JUN

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like KKAR Karatay Array, KARP Karpaty, CTYL Yalikoy Yolu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MKM31 Makanchi Array, MORH Mrgy, Hungary, KLMR Klimovskoe, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like BORG Borgarnes, DBG Daneborg, DAG Danmarks Havn, etc.

6d 9h

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QIZ	comp=Z,370nm,16.0s	LR	LR						
QIZ	Qiongzong	10.36 277	Pn	Pn	09 14 33.2	-3.2			
JOW	Kunigami	11.13 37	P	Pn	09 14 48.0	+1.0			
JOW	Kunigami	11.13 37	P	Pn	09 14 47.4	+0.4			
JOW	comp=Z,45nm,0.8s,baz=230,slow=14,SNR=16		S	Sn	09 16 43.8	-6.5			
JOW	comp=Z,12nm,1.2s,baz=156,slow=20,SNR=1.5		LR	LR	09 18 14.4				
DAV	Davao City (W)	11.95 156	LR	LR	09 20 40.3				
JMZ	Minamidaito 2	12.39 50	Pn	Pn	09 15 04.6	+0.4			
MYLD	Lahad Datu	13.04 190	Pn	Pn	09 15 13.6	+0.5			
NJ2	Nanjing	13.98 353	eP	pmx	09 15 27.2	+1.3			
NJ2	comp=Z,11nm,0.6s		LR	LR					
NJ2	comp=Z,510nm,17.0s		LR	LR					
NJ2	comp=Z,370nm,16.0s		LR	LR					
NJ2	comp=Z,850nm,19.4s		LR	LR					
SLVN	Son La	16.16 284	Pn	Pn	09 15 53.4	-1.5			
TOL2	Tolitoli	16.90 180	P	P	09 16 18.1	+1.2			
TOL2	Tolitoli	16.90 180	P	P	09 16 06.1	+2.0			
JNU	Nakatsue	17.51 29	P	P	09 16 15.3	+2.7			
JNU	Nakatsue	17.51 29	P	Pn	09 16 12.9	+1.2			
JNU	comp=Z,60nm,0.9s		Iamb	Iamb	09 16 17.3				
JNU	Nakatsue	17.51 29	P	Pn	09 16 11.8	+0.1			
JNU	comp=Z,55nm,0.9s,baz=193,slow=6.5,SNR=21		LR	LR	09 23 00.3				
GTOI	Gorontalo	17.51 172	P	P	09 16 27.6	+1.5			
GTOI	comp=Z,5.4nm,0.7s		LuoYang						
LYN	LuoYang	17.95 337	P	pP	09 16 19.5	+2.1			
LYN	comp=Z,12nm,0.7s		LR	LR	09 16 34.7	+3.5			
LYN	comp=Z,140nm,4.3s		LR	LR	09 19 46.8	+5.1			
LYN	comp=Z,300nm,15.5s		LR	LR					
LYN	comp=Z,220nm,14.8s		LR	LR					
LYN	comp=Z,420nm,16.8s		LR	LR					
JTU	Tsushima	18.08 24	P	P	09 16 21.1	+2.2			
JTU	Tsushima	18.08 24	P	Pn	09 16 19.4	+0.7			
JTU	comp=Z,31nm,0.8s		Iamb	Iamb	09 16 21.4				
TIA	Tai'an	18.31 351	P	Pn	09 16 23.0	+1.5			
TIA	comp=Z,29nm,1.9s		LR	LR					
TIA	comp=Z,130nm,18.0s		LR	LR					
TIA	comp=Z,100nm,13.7s		LR	LR					
TIA	comp=Z,260nm,15.1s		LR	LR					
XAN	Xi'an	19.05 329	pP	pP	09 16 32.0	+1.4			
XAN	comp=Z,11nm,1.1s		S	pmx	09 16 41.9	-1.4			
XAN	comp=Z,400nm,16.5s		LR	LR	09 20 06.8	+2.9			
XAN	comp=Z,250nm,16.5s		LR	LR					
XAN	comp=Z,410nm,16.5s		LR	LR					
TJN	Taejon	19.12 17	P	Pn	09 16 32.7	+1.5			
TJN	Taejon	19.12 17	P	P	09 16 30.1	-0.1			
CRAI	Chiangrai	19.46 274	P	P	09 16 32.2	-0.5			
PZH	PanZhihua	19.43 299	P	Pn	09 16 35.9	+0.7			
PZH	comp=Z,20nm,0.6s		LR	LR	09 20 07.4	-4.4			
PZH	comp=Z,150nm,6.3s		LR	LR					
PZH	comp=Z,290nm,14.5s		LR	LR					
PZH	comp=Z,290nm,15.8s		LR	LR					
PZH	comp=Z,290nm,16.6s		LR	LR					
KSM	Kuching	19.44 213	P	Pn	09 16 43.3	+8.0			
KSM	Kuching	19.44 213	P	P	09 16 33.9	-0.1			
PHRA	Phrae	19.46 274	P	P	09 16 33.9	-0.3			
JMN	Monobe	19.51 35	P	Pn	09 16 39.0	+3.0			
JMN	Monobe	19.51 35	P	P	09 16 36.2	+1.6			
JMN	comp=Z,41nm,0.9s		Iamb	Iamb	09 16 39.8				
HNS	HongShan	19.93 346	pP	pP	09 16 41.2	+0.3			
HNS	comp=Z,1.6nm,0.3s		eS	pmx	09 16 51.9	-0.8			
HNS	comp=Z,18nm,1.3s		LR	LR	09 17 01.8	+6.3			
HNS	comp=Z,250nm,13.9s		LR	LR	09 20 20.4	-1.0			
HNS	comp=Z,240nm,19.5s		LR	LR					
HNS	comp=Z,310nm,18.3s		LR	LR					
CD2	Chengdu	19.98 313	P	P	09 16 40.4	+0.6			
CD2	comp=Z,1.6nm,0.3s		pP	pP	09 16 50.5	+1.5			
CD2	comp=Z,100nm,7.7s		sP	sP	09 16 57.2	+3.8			
CD2	comp=Z,320nm,16.1s		S	Sn	09 20 25.1	-0.4			
CD2	comp=Z,340nm,15.9s		LR	LR					
CD2	comp=Z,410nm,14.5s		LR	LR					
INCN	Inchon	19.98 14	P	Pn	09 16 42.2	+0.6			
INCN	Inchon	19.98 14	P	Pn	09 16 39.2	-0.5			
INCN	comp=Z,37nm,0.9s		Iamb	Iamb	09 16 42.1				
KSAR	Wonju Array Be	20.26 17	P	P	09 16 41.2	-1.5			
KSRS	Korea Array	20.28 17	P	P	09 16 42.1	-0.8			
KSRS	comp=Z,16nm,0.9s,baz=198,slow=11,SNR=33		LR	LR	09 24 32.6				
KSRS	comp=Z,68nm,22.0s,baz=205,slow=36		LR	LR					
KSRS	comp=Z,16nm,0.9s		LR	LR					
KS19	Wonju Array Si	20.31 17	P	P	09 16 43.2	0.0			
CHTO	Chiang Mai	20.67 275	P	P	09 16 47.4	0.0			
CMAR	Chiang Mai Arr	20.69 274	P	P	09 16 47.1	-0.4			
CMAR	comp=Z,1.6nm,0.3s,baz=89,slow=8.0,SNR=6.0		LR	LR	09 16 48.4	+0.8			
CMAR	comp=Z,58nm,18.0s,baz=95,slow=37		LR	LR	09 25 13.4				
JCJ	Chichijima	21.71 62	P	P	09 16 59.3	+0.9			
JCJ	Chichijima	21.71 62	P	P	09 16 55.3	-3.1			
JCJ	comp=Z,34nm,0.6s,baz=295,slow=12,SNR=4.0		LR	LR	09 23 34.6				
JCJ	comp=Z,41nm,20.9s,baz=238,slow=32		LR	LR					
BJT	Baijiatauu	22.18 351	P	P	09 17 04.7	+1.3			
BJI	Beijing	22.20 351	P	P	09 17 04.8	+1.2			
BJI	comp=Z,6.0nm,1.0s		pP	pP	09 17 16.2	-1.2			
BJI	comp=Z,34nm,5.7s		S	Sn	09 17 11.7	+8.3			
BJI	comp=Z,68nm,19.1s		LR	LR	09 21 01.9	-4.1			
BJI	comp=Z,160nm,20.5s		LR	LR					
INU	Inuyama	22.45 37	P	P	09 17 09.5	+3.2			
INU	Inuyama	22.45 37	P	P	09 17 06.1	-0.2			
JGF	Kuroka	22.82 37	P	P	09 17 10.4	+0.1			
JGF	comp=Z,18nm,0.9s		Iamb	Iamb	09 17 21.7				
LZH	Lanzhou	23.31 324	eP	P	09 17 16.8	+1.4			

LZH	comp=Z,17nm,1.0s		pP	sP	09 17 30.2	+0.9			
LZH	comp=Z,350nm,16.5s		S	pmx	09 21 29.7	+4.0			
LZH	comp=Z,250nm,16.3s		LR	LR					
LZH	comp=Z,340nm,15.5s		LR	LR					
GUMO	Guam	23.65 97	LR	LR	09 25 11.5				
MAJO	Matsushiro	23.98 37	P	P	09 17 26.2	+4.7			
MAJO	Matsushiro	23.98 37	P	P	09 17 22.5	+1.0			
HHC	Hu-sho-hao-te	23.99 343	eP	P	09 17 23.4	+1.7			
HHC	comp=Z,17nm,0.6s		LR	LR	09 21 36.2	-0.2			
HHC	comp=Z,73nm,3.9s		pmx	pmx					
HHC	comp=Z,230nm,12.2s		LR	LR					
HHC	comp=Z,190nm,13.0s		LR	LR					
HHC	comp=Z,310nm,13.8s		LR	LR					
JSD	Sado	25.09 34	P	P	09 17 36.1	+4.5			
CN2	Changchun	25.92 8	eP	P	09 17 41.0	+1.9			
CN2	comp=Z,10.0nm,0.6s		LR	LR					
CN2	comp=Z,200nm,17.0s		LR	LR					
CN2	comp=Z,200nm,17.0s		LR	LR					
XLT	XiLinHaoTe	26.00 352	eP	P	09 17 42.7	+2.7			
XLT	comp=Z,21nm,0.8s		pP	sP	09 17 54.6	+0.2			
XLT	comp=Z,96nm,4.4s		pP	sP	09 18 00.5	+1.1			
XLT	comp=Z,21nm,0.8s		pmx	pmx	09 18 21.0	+2.3			
XLT	comp=Z,96nm,4.4s		LR	LR					
XLT	comp=Z,17nm,19.6s		LR	LR					
XLT	comp=Z,90nm,14.5s		LR	LR					
XLT	comp=Z,200nm,17.9s		LR	LR					
MDJ	Mudanjiang	27.45 14	P	P	09 17 53.6	+0.7			
MDJ	comp=Z,15nm,0.8s		pP	sP	09 18 05.5	+2.4			
MDJ	comp=Z,57nm,5.9s		pmx	pmx	09 18 11.4	+4.0			
MDJ	comp=Z,190nm,16.5s		LR	LR					
MDJ	comp=Z,140nm,17.9s		LR	LR					
MDJ	comp=Z,230nm,18.5s		LR	LR					
MDJ	Mudanjiang	27.45 14	P	P	09 17 54.1	+1.2			
USA0B	Ussuriysk Arra	27.68 18	P	P	09 17 55.5	+0.5			
USRK	Ussuriysk Arr	27.68 18	P	P	09 17 55.2	+0.2			
USRK	Ussuriysk Arr	27.68 18	P	P	09 17 54.3	-0.6			
USRK	comp=Z,2.5nm,0.8s,baz=210,slow=9.5,SNR=12		LR	LR	09 30 08.3				
USRK	comp=Z,96nm,19.0s,baz=188,slow=39		LR	LR					
USRK	comp=Z,5.2nm,0.8s		LR	LR					
SHL	Shillong	27.74 291	P	Iamb	09 17 55.9	-0.1			
SHL	comp=Z,13nm,1.1s		LR	LR	09 18 11.8				
BNX	BinXian	28.10 10	pP	pmx	09 17 59.6	+0.9			
BNX	comp=Z,15nm,0.8s		LR	LR					
ULN	Ulanbataar	31.71 342	P	P	09 18 30.9	+0.1			
ASAJ	Asahikawa	31.78 31	LR	LR	09 32 37.6				
SONM	Songjiao Array	31.88 342	P	P	09 18 30.2	-2.1			
SONM	Songjiao Array	31.88 342	P	P	09 18 32.8	+0.6			
SONM	comp=Z,1.3nm,0.8s,baz=165,slow=10,SNR=3.8		LR	LR	09 33 25.9				
SONM	comp=Z,142nm,18.6s,baz=174,slow=40		LR	LR					
SONM	comp=Z,3.0nm,0.8s		LR	LR					
KLR	Kul'dur	32.30 14	LR	LR	09 31 39.2				
FITZ	Fitzroy Crossi	36.31 172	P	P	09 19 11.3	+0.6			
WMQ	Urumqi	37.78 320	eP	LR	09 19 24.2	+1.0			
WB0	Warramunga Arr	39.96 160	P	Iamb	09 19 38.7	-2.9			
WB0	comp=Z,6.9nm,1.1s		Iamb	Iamb	09 20 03.3				
WRAB	Tennant Creek	40.10 160	P	P	09 19 39.8	-3.0			
WRA	Warramunga Arr	40.11 160	P	P	09 19 40.9	-1.9			
WRA	Warramunga Arr	40.11 160	P	P	09 19 38.8	-4.0			
WRA	comp=Z,0.9nm,0.7s,baz=342,slow=3.3,								

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BELG Belogoroye, SABO M.te Sabotino, SNAAS Sanae, etc.

Table with columns: TXAR, PKPbc, PKPab, PKPdf, PKPbc. Includes stations like MINA Array Bea, ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BANI comp=E,142nm,0.7s, HEL 06 09:49:27.0, etc.

6d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK, KURBB, KURCHATOV ARR, etc.

IDC 06 10:00:36.8, 2.2, 3.95S, 129.80E, h0km, mb3.6/2, mbtmpt3.5/3, ML3.0/3, Error ellipse: s-maj=161.2km

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

NEIC 06 10:09:45.7, 1.2, 19.39N, 0.01x155.268W, 0.008, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.7km

HVO 06 10:09:45.6, 0.9, 19.415N, 0.009, 155.276W, 0.007, h1km, 3km, ML3.0/28, ML2.4/30(NEIC), Error ellipse: s-maj=1.4km s-min=0.9km az=170.0, Hawaiian Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBL, UWB, SBLH, BYL, HATHI, etc.

IDC 06 10:24:02.8, 5, 7.80S, 128.87E, h163km, 91km, mb3.9/2, mbtmpt4.2/5, Error ellipse: s-maj=89.4km s-min=24.6km

ISC 06 10:24:02.4, 1.1, 7.8S, 0.1x128.99E, 0.08, h150km, n18, <296/18, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI, DRS, SOEI, etc.

IDC 06 10:25:57.1, 1.2, 38.04N, 173.01E, h0km, mb3.7/8, mbtmpt3.7/4.1, ML3.1/6, MS3.3/5, Error ellipse: s-maj=23.7km s-min=20.8km az=147.0

NNC 06 10:26:03.1, 3.5, 38.27N, 172.74E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=26.0km s-min=18.8km az=174.0

ISC 06 10:25:58.6, 0.9, 38.18N, 0.07, 73.02E, 0.06, h10km, n37, <2530/35, mb3.6/9, MS3.4/4, 7C-2D, Tajikistan-Xinjiang border region

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRKS, AAK, AAK, AAK, etc.

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Table with columns: AC05, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC05, AC05, AC05, etc.

IDC 06 10:33:25.5, 6.5, 20.28S, 178.28W, h584km, 77km, mb3.1/10, mbtmpt4.0/10, Error ellipse: s-maj=27.1km

ISC 06 10:33:25.5, 0.7, 20.28S, 0.1x178.3W, 0.2, h587km, n15, <877/15, mb3.7/12, 2C, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WRA, VNA3, etc.

TEH 06 10:40:35.3, 32.79N, 55.75E, h5km, ML4.0

IDC 06 10:40:36.2, 1.3, 32.64N, 55.89E, h0km, mb3.6/8, mbtmpt3.7/1.1, ML3.3/3, MS2.8/4, Error ellipse: s-maj=31.7km s-min=23.5km az=134.0

ISC 06 10:40:37.2, 0.7, 32.78N, 0.04x55.76E, 0.03, h10km, n66, <1547/65, mb3.7/8, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPRV, ICHK, TNSJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IRAM Rameshseh, IANJ Anjilo, IGAR Gharneh, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRX Arik, AVH Avacha, AVH Avacha, etc.

RSNC 06 10:42:47.0-0.5 N1:7.6W, h93km, mb2.4, M2.4, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PLMC San Jos del P, ILMC GUY2C, GUY2C GUY2C, etc.

IDC 06 11:44:29.7-0.7, 54.63N, 162.31E, h0km, mb4.1/20, mbmp4.0/23, ML4.0/3, MS3.4/20, Error ellipse: s-maj=18.3km s-min=13.3km az=174.0

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

ASAJ Asahikawa 16.67 239 P pmax 11 48 26.2 +0.3

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

IDC 06 11:14:02.4-73.0, 13.56S, 165.66E, h0km, mb3.7/3, mbtmp3.7/3, MS3.9/1, Error ellipse: s-maj=1230.0km s-min=114.9km az=62.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 06 11:44:33.2-1.4, 54.61N, 162.52E, 0.09, h1km, mb4.2/60, Error ellipse: s-maj=16.1km s-min=8.0km az=164.0

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

ERM Erimo 17.97 234 P pmax 11 48 38.0 -4.1

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

NNC 06 11:17:50.5-4.7, 37.22N, 71.09E, h0km, mb3.9, mpv3.6, 4C-2D, Error ellipse: s-maj=36.9km s-min=28.9km az=167.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NNC 06 11:17:50.5-4.7, NNC 06 11:17:50.5-4.7, etc.

ERM Erimo 17.97 234 P pmax 11 48 38.0 -4.1

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

6d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like J20K, G21K, B21K, I21K, MJB9, MAJ0, MJAR, SYI, KDAX, B22K, E22K, TRF, H23K, C23K, RND, E24K, COLA, CCB, IL31, ILAR, D25K, D27M, BCAR, EGAK, KSR5, DAWY, JNU, I30M, INK, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, HHC, YKA, ZALV, SPITS, SPB2, WMQ, KURK, KURBB, KURBB, MKAR, MKAR, MKAR, MKAZ, MKAZ, MKAZ, BVAR, BVAR, BRVK, PZH, PZH, ARU, NVAR, KIRV, PDAR, AAK, AAK, FINES, FINES.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like FINES, CMAR, CMAR, NOA, HFS, AKASG, AKASG, TXAR, KBZ, KBZ, GNI, VRAC, BR13, BR13, BRTR, BRTR, WRA, MMAI, ASAR, ESDC, GSPA, IDC 06, DJA 06, ISC 06, Code, SAUI, SOEI, BATI, BATI, DRS, FAKI, FAKI, MTN, KDU, EDFI, BASI, PLAI, FITZ, WRA, COEN, ASAR, ASAR, QIS, ASOI, WRKA, OOD, ALOT, MORW, MKAR, ZALV, KURBB, SEY, BVAR, GSPA, STR 06, Code, RCHB, RCHB, WLF, WLF, DOU, ABH, ABH, CIEL, ECH, OPP, BALR, BRG, BRG, IDC 06, Code, WRA, ASAR, CMAR, MKAR, ASAR, CMAR, MKAR, NNC 06, Code, WRA, ASAR.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KK31, KK31, AAK, AAK, AAK, TKM2, TKM2, NEIC 06, TUL 06, Code, OK048, OK048, OK029, OK051, OK051, OK031, OK052, QUOK, QUOK, BLOK, BLOK, BLOK, ADOK, CROK, CROK, DEOK, GC02, KAN13, KAN13, KAN17, KAN14, T35A, OK032, KAN09, FNO, KAN05, KAN05, W35A, W35A, W35A, KAN08, KAN08, KAN08, OK038, KAN12, OK035, OK035, TUL3, TUL3, CSTR, NOKA, U32A, X31A, RLO, R37A, MIAR, S39A, Z38A, AMTX, MGMO, WHAR, FCAR, R40A, P38A, T42A, CCM, P40A, PBMO, FVM, L34A, JCT, OZNA, CGM3, DRIO, IDC 06, Code, STKA, WRA, ASAR.

Table with station information for ASAR, QSPA, and DJA 06. Includes columns for station name, coordinates, and time.

DRS 06 13:07:14.0, 40.86N, 44.11E, h4km
IDC 06 13:07:15.3, 40.5, 40.89N, 44.31E, h0km, mb3.7/12,
mbtmp3.9/20, ML3.5/7, MS3.3/27, Error ellipse:
s-maj=11.3km s-min=6.4km az=62.0

MOS 06 13:07:15.4, 40.90N, 44.27E, h2km, MPVA5.2
TIF 06 13:07:15.7, 41.03N, 44.30E, h12km
AZER 06 13:07:15.7, 41.03N, 44.27E, h5km, ml4.8

NSSP 06 13:07:15.4, 40.90N, 44.27E, h10km, MSA.4
ISK 06 13:07:15.3, 41.00N, 44.32E, h2km, ML4.2/9
AFAD 06 13:07:16.8, 40.40, 40.85N, 44.22E, h24km, MVA.2

NEIC 06 13:07:16.8, 40.40, 40.88N, 44.29E, 0.09, h10km, 2km,
mb4.2/22, Error ellipse: s-maj=11.2km s-min=7.3km
az=103.0

NORS 06 13:07:18.0, 41.14N, 44.42E, h2km, MPVA5.0
NMC 06 13:07:24.3, 1.7, 41.11N, 45.43E, h0km, mb4.1, Error
ellipse: s-maj=14.6km s-min=13.1km az=32.0

ISC 06 13:07:16.0, 40.7, 40.919N, 0.010, 44.30E, 0.01, h10km, 4km,
n321, s1991/479, mb4.0/23, MS3.2/19, 22C-19D,
Turkey-Georgia-Armenia border region

Main table for stations in the Turkey-Georgia-Armenia border region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual.

Main table for stations in the 2018 JUN section. Columns include Station Name, Azimuth, Elevation, Phase ID, Time, and Residual.

Main table for stations in the 6d 13h section. Columns include Station Name, Azimuth, Elevation, Phase ID, Time, and Residual.

6d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ARXR, SIZA, Altighaj, Oobustan, Cilabab, Yildirimli, SVAN, ALIB, LERK, HANI, GRYR, VESR, KPRP, LKRN, ASTR, GOF, SOC, GUZR, LABN, GOYR, ERBR, ANN, FINES, ANN, ANN, BNN, BR131, BR131, BRTR, BRTR, SIM, MMAL, GEYT, GEYT, GEYT, GYA0B, GYA0B, BELG, BELG, AKTO, EIL, AB31, MLR, MLR, AKASG, AKASG, AKKB, BUR08, BUR08, MOS, MOS, IDI, IDI, RAYN, RAYN, RAYN, KOLS, KOLS, CRVS, CRVS, ARU, ARU, ARU, PSZ, PSZ, PSZ, SIMJ, SIMJ, SVE, SVE, SVE, CHGR, CHGR, CHGR, KK31, KK31, KK31, KK31, KK31, KK31, KKAR, KKAR, GAR, BTK, BTK, BTK, BTK, KLMR, KLMR, KLMR.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like MODS, MODS, MODS, MORC, MORC, MORC, BRVK, BRVK, BRVK, BRVK, BRVK, WSAR, BVAO, BVAR, OHH, ARSB, ARSB, AAK, AAK, AAK, GRES, GRES, GRES, KHC, KHC, TKM2, FINES, FINES, BOOM, BOOM, BOOM, BOOM, CLL, CLL, CLL, KSH, KSH, DAVOX, KURB, KURK, KURK, KURK, HFS, HFS, MK31, MK31, MK31, MKAR, MKAR, MKAR, NOA, ZALV, ZALV, ZALV, ARCES, ARCES, ESDO, MBAR, MORG, SONG, ULN, ULN, TORO, HHC, HHC, TIXI, CMAR, CMAR, KLR, SEY, SEY, SEY, KSR, MA2, YKA, YKA, SUR, SJA, GUC, ISC.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PB11, PB11, PB11, PX02, PX02, PX02, GO01, GO01, GO01, GO01, PB12, PB12, PB12, AP01, AP01, AP01, AP01, AP01, TA02, TA02, TA02, TA01, TA01, TA01, PATC, PATC, PATC, PB09, PB09, PB09, PB04, PB04, PB04, LPAZ, LPAZ, LVC, LVC, LVC, LVC, DAVOX, KURB, KURK, KURK, KURK, HFS, HFS, MK31, MK31, MK31, MKAR, MKAR, MKAR, NOA, ZALV, ZALV, ZALV, ARCES, ARCES, ESDO, MBAR, MORG, SONG, ULN, ULN, TORO, HHC, HHC, TIXI, CMAR, CMAR, KLR, SEY, SEY, SEY, KSR, MA2, YKA, YKA, SUR, SJA, GUC, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POGA, LBTB Lobatse, BOSHA Boshof, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 06 14:25:26.2, 2.2, 8.23S, 127.28E, h0km, mb3.2/1, mbtmp3.2/3, ML3.1/2, Error ellipse: s-maj=205.7km

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHMS Chumysh, CHMS Tian-Shan, TNS5 Tian-Shan, etc.

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

TRN 06 14:49:19.5, 10:50N, 62:17W, h15km, MD3.2, Gulf of Paria.

FUNV 06 14:49:21.0, 10:34N, 62:06W, h30km, MW3.4

ISC 06 14:49:19.0, 1.7, 10:32N, 0:05, 62:11W, 0:04, h32km, 16km, n14, c1562/25, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), CRUV Carupano, GRFF Grenada Fort F, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USP Oshpenovka, SGDS Sogindiy, SGDS Sogindiy, etc.

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

IDC 06 14:50:59.0, 0.6, 37:48N, 75:78E, h0km, mb4.1/19, mbtmp4.1/25, ML3.3/6, MS3.1/9, Error ellipse: s-maj=15.6km

MOS 06 14:51:05.7, 0.9, 37:57N, 75:70E, h56km, mb4.5/12, Error ellipse: s-maj=7.5km

NNC 06 14:51:05.4, 2.3, 37:74N, 75:89E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=17.9km

NEIC 06 14:51:07.3, 1.5, 37:60N, 0:07, 75:75E, 0:09, h5km, 10km, mb4.3/18, Error ellipse: s-maj=10.0km

ISC 06 14:51:01.9, 0.4, 37:54N, 0:04, 75:69E, 0:05, h10km, n180, c2518/188, mb3.3/39, MS3.2/8, 14C-9D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOOM Boomskeye usch, THN Thein Dam, THN Thein Dam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHPH Bhopal, LSA Lhasa, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSV Kosov, VOIR Kosov, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NORSAR Subarra, Sonseca Array, Kavik River, etc.

LVSN 06 14:52:58.3±1.9, 55.25N:20.57E, h0km, 39km, ML2.9
EST 06 14:52:59.7±0.2, 55.48N:20.82E, h0km, ML2.1 (HEL),
Explosion

HEL 06 14:52:59.7±0.2, 55.48N:20.82E, h0km, ML2.1, Explosion
DNK 06 14:53:38.9±3.5, 55.91N:15.64E, h22km, 16km, ML1.7
UPP 06 14:52:55.7±2.4, 55.21N:21.22E, h0km, ML2.5, Baltic

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

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

IDC 06 15:01:35.9±1.8, 32.44N:105.11E, h0km, mb3.1/3,
mbtmp3.1/4, ML3.71, Error ellipse: s-maj=82.7km
s-min=30.6km az=54.0, Sichuan

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

IDC 06 15:32:43.5±4.2, 47.73N:92.73W, h0km, mbtmp2.4/1,
ML0.8/1, Error ellipse: s-maj=66.8km s-min=27.1km
az=52.0, Minnesota

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULM, H10CA, I56US, etc.

NEIC 06 15:42:08.1±1.0, 19.41N:0.01:155.269W:0.008,
h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.3km az=9.0
HVO 06 15:42:07.3±0.9, 19.41N:0.007:155.251W:0.005,
h0km, 3km, ML2.4/33, ML2.2/31 (NEIC), Error ellipse:
s-maj=1.1km s-min=0.7km az=195.0, Hawaiian Islands

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

NEIC 06 15:44:15.9±0.8, 19.42N:0.02:155.265W:0.007,
h5km, Error ellipse: s-maj=2.9km s-min=1.3km az=359.0
HVO 06 15:44:15.6±0.6, 19.41N:0.009:155.263W:0.007,
h1km, 4km, ML2.9/11, ML2.0/26 (NEIC), Error ellipse:
s-maj=1.4km s-min=0.9km az=166.0, Hawaiian Islands

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

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

IDC 06 15:46:16.4±7.1, 17.88S:178.08W, h612km, 81km, mb2.7/5,
mbtmp3.7/5, Error ellipse: s-maj=41.3km s-min=32.9km
az=137.0

ISC 06 15:46:14.4±1.0, 17.83S:0.3:178.1W:0.2, h590km, n6,
c085/8, mb3.2/5, Fiji Islands region

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

OMAN 06 15:48:46.8±0.2, 25.51N:61.34E, h31km, 12km, mb3.8/2,
m3.2/16, Error ellipse: s-maj=17.2km s-min=2.8km
az=24.0, Southern Iran

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

IDC 06 16:00:01.4±6.6, 47.43N:92.91W, h0km, Error ellipse:
s-maj=74.4km s-min=39.3km az=57.0

NEIC 06 16:00:03.1±1.4, 47.44N:0.04:92.97W:0.04, h0km, 1km,
mb_Lg2.6/12, Error ellipse: s-maj=6.2km s-min=4.3km
az=349.0

ISC 06 16:00:01.5±1.1, 47.38N:0.05:92.94W:0.05, h0km, n17,
e192/10, Minnesota

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like B35A, EYMN, etc.

IDC 06 16:00:56.9±978.0, 58.11N:93.50E, h0km, Error ellipse:
s-maj=430.0km s-min=126.1km az=61.0, Southwest
Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, I31KZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFAD, NORS, ISK, AZER, EAK, AKH, QZX, DIOPI, DIGO, TABS, KARH, BOZK, GDB, AHAN, GOLE, HYR, EPOS, KOTA, SENK, GANJ, EATA, DAGI, SBZ, CLDR, LACR, ZKTA, NAX, MNGR, KOPR, SEKA, BTLR, LSNR, XNZR, ORD, DVE, GNB, DBC, XNQ.

IDD 06 16:06:18.1-10.0,21.39N;124.01E, h0km, mb3.6/5, mbmp3.5/6, ML2.9/1, MS3.2/13, Error ellipse: s-maj=199.6km s-min=49.1km az=155.0 JMA 06 16:06:49.1-0.2,25.0N;0.7-12.3E, h27km, MV2.9/8, NW OFF ISHIGAKUJIMA IS

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YOJ, YOY, EOS2, EOS3, EOS4, TWB1, EGS, EOS4, SKX1, TWP, TWC, ESao, WFSB, NDS, EWUT, EWUT, TWE, PCYT, IRIF, EAHA, FUSB, TWA, ENT, YM08, TWY, NDLT, LATG, ANP, NTST, YNCB, HABC, NSK, TWD, NNSB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNS, JKRS, JUI, LXIB, JISG, WFF, TWT, ESL, LIOB, CSST, NGST, HGBS, WARBT, OWD, WUSB, WHP, NMLH, HGSD, VWDT, WCH, EHY, SMLT, SSSL, YULB, EYUL, TWFI, WHYT, FULB, EDH, ALD, ELDT, WCKO, LONT, STYH, TPUB, WTP, TWK, CHGT, SHNI, SLGT, ECL, SCST, SSST, TSMG, MASBT, EAST, KRSR, USRK, CMAR, ASAJ, KLR, SONM, YAK, MKAR, ZALV, KURBS, AAK, TIXI, TIXI, KIRV, INK, HFS, NOA.

DJA 06 16:10:52.9-0.3,7.5S;3.127E, h416km, 7km, M4.2/18, mb4.3/18, mb4.7/13, MLV4.9/15, Mw(mB)3.9/13

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DJA, NEIC, ISC, NLAI, BNDI, SOEI, SOEI, SAUI, SAUI, BATI, BATI, BBSI, SANI, SANI, MMRI, EDFI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBMI, FAKI, FAKI, DRS, MTN, BKSJ, BASI, LUWI, LUWI, SWI, KAPI, KDU, GTOI, PLAI, TOL2, TOL2, MPSI, TWSI, FITZ, FITZ, JAGI, JAGI, WBO, WRAB, WRA, WRA, MBWA, MBWA, PSAO, PSAO, COEN, COEN, COEN, SBUM, SBUM, AS31, AS31, ASAR, ASAR, ASAR, ASO1, WRKA, CIS, KSM, BBJJ, LEM, GIRL, PMG, MTSU, MEEK, OOD, CTAO, CTAO, FORT, FORT, MULG, MORW, MORW, INKA, BLDU, LCRK, BBOO, BBOO, STKA, STKA, STKA, IPM, HTT, KULM, KULM, CMSA, GSI, GSI, TPUB, ARPS, ARMA, ARMA, YNG, CAN, CAN, TOO, TOO, CMAR, CMAR, CRAI, CHTO, KMI, KMI, JNU, NAKA, JMN, JMN, PZH, PZH, PZH, KRSR, XAN, XAN, MAJO, MAJO, MAJO, MJAR, MJAR, MJAR, JSD, JSD, JMM.

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Table with columns: JMM, Marumori, 46.40, 15, P, P, 16 18 42.1, 0.0, 16 18 45.7, etc.

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

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

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Table with columns: EMB, PAHR, PAHR, PAHR, PAHR, etc.

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

DRS 06 16:43:13.7, 40.89N, 44.05E, h12km, TIF 06 16:43:14.4, 40.94N, 44.29E, h9km, 1km, NSPP 06 16:43:14.1, 40.92N, 44.28E, h8km, Ms3.1, ISK 06 16:43:14.8, 40.93N, 44.26E, h7km, ML2, 8/B, AFAD 06 16:43:16.9, 40.0, 40.81N, 44.13E, h27km, ML3.0, NORS 06 16:43:16.0, 41.15N, 44.19E, h1km, MPV4.0, AZER 06 16:43:17.4, 40.88N, 44.68E, h18km, m3.1, ISC 06 16:43:14.8, 40.1, 40.93N, 0.01, 44.28E, 0.1, h9km, 8km, n88, r1907/164, 4C-4D, Turkey-Georgia-Armenia border region

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

Table with columns: GOLE, GOLE, GOLE, GOLE, GOLE, etc.

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

6d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKO, HATHI, RSD, PUAHI, etc.

SJA 06 17:02:18.8-0.7, 21.52Sx68.52W, h136km, 4km, ML3.4, MW3.5

IOC 06 17:02:20.6-9.1, 21.55Sx68.17W, h121km, 64km, mb3.5/2, mbtmp3.8/3, Error ellipse: s-maj=85.9km s-min=55.2km

GUC 06 17:02:20.8-0.6, 21.50Sx68.47W, h120km, 3km, ML3.6

ISC 06 17:02:20.3-0.9, 21.54Sx68.03W, h133km, 7km, n34, c1523/62, 6C-2D, Chile-Bolivia border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, PB01, LVC, etc.

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comp=Z,0.2nm,0.5s MKAR Makanchi Array 145.49,36 PKPbc PKPab 17 21 43.9 +0.6

IDC 06 17:08:27.2-3.3, 34.92N:140.30E, h0km, mb3.3/3, mbtmp3.1/4, ML2.0/1, Error ellipse: s-maj=107.1km

JMA 06 17:08:29.3-0.2, 35.3N:0.5-140.7E, 0.9, h21km, 3km, MV2.9/3, E OFF BOSO PENINSULA

ISC 06 17:08:27.4-1.1, 35.28N:0.04:140.75E:0.07, h10km, n24, c0592/13, mb3.3/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTR, JSMT, BS04, etc.

IDC 06 17:25:17.6-0.8, 51.80N:96.11E, h0km, mb3.7/11, mbtmp3.7/15, ML2.8/4, MS2.8/5, Error ellipse: s-maj=22.3km s-min=12.9km az=8-0

ASRS 06 17:25:23.7-0.3, 52.1N:1.95E, h4km, MLh4.6/16, Error ellipse: s-maj=4.1km s-min=2.5km az=121.0, confirmed

ISC 06 17:25:20.7-0.9, 51.85N:0.04:95.67E:0.05, h10km, n45, c18/170, mb3.8/10, 5C-4D, Southwestern Siberia

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERNS, CERR, DJOY, etc.

372

KURK Kurchatov 10.74 271 fLg Lg 17 31 00.1

KURBB Kurchatov Arra 10.82 270 Pn Pn 17 27 58.6 +3.1

KURBS Kurchatov Arra 10.82 270 Pn Pn 17 27 59.3 +3.8

BVAR Borovoye Array 15.44 284 Pn Pn 17 28 58.7 +0.4

AAK Ala-Archa 17.02 246 LR LR 17 35 22.1

YAK Yakutsk 20.91 48 P P 17 30 01.2 -1.8

TIXI Tiksi 24.71 25 LR LR 17 40 54.2

USRK Ussuriysk Arr. 25.26 93 P P 17 30 44.5 -2.2

AKASG Malin Array Be 40.27 296 P P 17 32 57.0 -0.4

BRTR Keskin Array B 43.64 279 P P 17 33 26.4 +1.1

HFS Hagfors 43.74 314 P P 17 33 24.4 -1.4

NOA NORSA Array B 44.40 316 P P 17 33 30.5 -0.6

ESDC Sonseca Array 65.25 303 P P 17 36 02.4 0.0

WRA Warramunga Arr 79.07 143 P P 17 37 21.7 -3.3

TORD Torodi Arr Be 82.22 281 P P 17 37 41.0 -1.1

ASAR Alice Springs 82.33 145 P P 17 37 39.6 -2.8

IDC 06 17:27:52.2-4.3, 37.45S:128.37E, h0km, mb3.3/2, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=173.8km

WRA Warramunga Arr 17.12 161 P P 17 31 54.3 +0.6

ASAR Alice Springs 20.52 165 P P 17 32 32.5 -0.3

MKAR Makanchi Array 64.62 327 P P 17 38 32.2 0.0

BUI 06 17:41:21.3-0.0, 30.54N:78.59E, h25km, mb4.2/28, mb4.4/1, Ms3.6/5, Ms7.3/6

NEIC 06 17:41:24.0-2.4, 30.8N:0.1:78.9E:0.1, h10km, 1km, mb4.5/44, Error ellipse: s-maj=19.5km s-min=12.3km

DMN 06 17:41:24.9-0.3, 31.06N:78.62E, h10km, ML4.7/9, Error ellipse: s-maj=19.4km s-min=4.9km az=26.0

IDC 06 17:41:28.4-5.6, 30.79N:78.85E, h37km, 46km, mb3.7/16, mbtmp3.9/19, ML4.0/3, MS3.3/9, Error ellipse: s-maj=28.4km s-min=13.8km az=40.0

ISC 06 17:41:25.5-1.2, 30.76N:0.03:78.81E:0.03, h24km, 9km, n134, c187/161, mb4.4/40, MS3.1/7, 1C, Northern India

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDI, KLP, SMLA, etc.

2018 JUN

6d 17h

Table with columns: PKI, Pulchoki, 6.59 117, ePn, Pn, 17 43 04.0 +2.8, 17 44 17.6 +1.8, etc. Includes entries like GUN Gumba, JIRN Jiri, BHPL Bhopal, etc.

Table with columns: GERES, GRESS Array B, 51.58 310, LR, LR, 18 16 30.1, etc. Includes entries like ERM Erino, NC405 NORARS Array S, etc.

Table with columns: TORD Torodi Ar. Bea, 27.22 59, P, P, 17 48 16.8 -0.2, etc. Includes entries like TORO Torodi Ar. Bea, DIAM Diamantina, etc.

IDC 06 17:42:31.8i-0.6,0.80S:21°91'W,h0km,mb4,4/21, mbmp4,4/22,ML5.1/1,MS3,7/34,Error ellipse: s-maj=22.3km s-min=13.0km az=139.0, NEIC 06 17:42:33.8z.2.1, 0.85i:0.1x21°91'W,0.1h,10h1km, mb4,86.6, Error ellipse: s-maj=21.6km s-min=16.0km az=161.0, GCMT 06 17:42:35.8i-0.5,0.38S:0°03'21.96W:0°02'h15km,2km, MW4,8/71, Moment Tensor Solution, s17,c17, s71,c83; Duration: 0. Moment tensor: Scale 10^19Nm; M1=0.54; 12; Mw=0.87; 10; Mw=0.33; 09; Mw=0.66; 33; Mw=1.74; 09; Mw=1.32; 38; Best double couple: M2=34700*10^16 NP1=165.00000; 870.00000; A=31.00000; NP2: o=267.00000; 861.00000; A=157.00000; Principal axes: T 2.1070, Plg6.0000; Azm218.0000; N 0.4810, Plg54.0000; Azm316.0000; P -2.5880, Plg36.0000; Azm123.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, ISC 06 17:42:33.9i-0.3,0.83S:0°07'21.92W:0°06'h18km,m203, i1944/166,mb4,8/73,MS3.8/35,3C-1D, Central Mid-Atlantic Ridge

Table of astronomical observations for 6d 17h, listing stations like MYKA, ATAH, BO01, LESA, KBA, PUK, OBKA, FNA, SOKA, BIOA, LIT, LODK, MOA, GRFO, GRA1, ARSA, EKA, GEC2, GERES, KHC, CKRC, RONA, ZVC, PLCA, MODS, KRUC, CLL, PVCC, VRAC, RDO, VYHS, UPC, DPC, KRLC, MAUC, CHVC, PSZ, MORC, MORAV, MORC, MORC, OJC, MLR, BURAR, BUR08, BUR08, JTS, ANTO, BRTR, BR131, BORG, BNN, GAZ, SCHO, NOA, HFS, AKASG, AKASG, AKKB, APRR, TKL, TEIG, FPAL, FPAL, RAYN, RAYN, R49A, GURO, PMSA, SNAAS, FINES, FINES, KIV, KIV, KBZ, ONI, ONI, GNI, GNI, 143A, CMIG, P38A, P38A, ELIB, DAG, W35A, UOSS, ULM, TXAR.

Table of astronomical observations for 2018 JUN, listing stations like VHRN, ARU, SDC, PDAR, QSPA, QSPA, YKA, NEW, PZH, HHC, XLT, XLT, NJ2, NJ2, STKA, ASAR, IDC 06, CODE, DDI, DDI, DDI, KLP, SMLA, SMLA, SMLA, PTH, PTH, PTH, LGTI, LGTI, LGTI, DHRM, DHRM, MKAR, KURBB, ZALV, VRAC, WRA, ASAR, NEIC 06, HVO 06, CODE, INKA, EIDS, EIDS, OOD, MBWA, PSAA0, PSAA0, PSAA0, LCRK, MUGL, STKA, BBOO, JOW, H1N1, H1N2, H1N3, MORW, JNU, KSR, STCH, STCH, NPOC, JCJZ, HTC, JOKA, JOKA, HMM, HMM, MLOA, MLOA, PAH, MWH, KHU, POHA, POHA, HPAH, IDC 06, WRA.

Table of astronomical observations for 2018 JUN, listing stations like WRA, ASAR, MKAR, IDC 06, CODE, GENI, GENI, JAY, JAY, TABU, MMPI, MANU, FAKI, FAKI, FAKI, FAKI, PMG, COEN, COEN, KDU, MTN, MTN, MTSU, GUMZ, SOEI, SOEI, SOEI, LUWI, LUWI, BATI, QIS, WBO, WR0, WRAB, WB2, WB2, WRA, WRA, WRA, WRA, MYLDM, MYLDM, WRKA, INKA, EIDS, EIDS, OOD, MBWA, PSAA0, PSAA0, PSAA0, LCRK, MUGL, STKA, BBOO, JOW, H1N1, H1N2, H1N3, MORW, JNU, KSR, STCH, STCH, NPOC, JCJZ, HTC, JOKA, JOKA, HMM, HMM, MLOA, MLOA, PAH, MWH, KHU, POHA, POHA, HPAH, IDC 06, WRA.

DBIC Dimbokro 144.67 278 PKP PKPbc 18 13 56.5 -0.4
LPZA La Paz 146.58 125 PKPbc PKPab 18 14 04.5 0.0
CPUP Villa Florida 146.85 151 PKPbc PKPab 18 14 03.6 -0.8

JMA 06 17:59:48.0±0.1, 24°N±3×123.0E±0.5, h47km±1km,
MV1.8/12, NW OFF ISHIGAKI JMA IS, Taiwan region
Code Station Name Δ° AZ' Phase ID Time Res
YON Yonaguni jima 0.09 8 P Pn 17 59 55.0 0.0

TAP 06 18:00:42.8, 24.44N±121.52E, h8km, ML1.4, 1D, C,

Taiwan
Code Station Name Δ° AZ' Phase ID Time Res
LATG Datong 0.10 5 P Pn 18 00 45.5 +0.3
LATG Datong 0.12 266 I P Pg 18 00 47.0 +0.1
NNSB Datong 0.13 271 I P Pg 18 00 46.0 +0.5

IDC 06 18:05:13.3±3.5, 35°39'N, 69°80'E, h0km, mb3.6/9,
mbtmp3.9/15, Error ellipse: s-maj=25.3km s-min=16.0km
az=176.0
NEIC 06 18:05:14.5±1.2, 35°36'N, 0°03'69.64E±0.09, h103km, 6km,
mb4.1/9, Error ellipse: s-maj=11.1km s-min=2.1km
az=109.0

Code Station Name Δ° AZ' Phase ID Time Res
KBL Kabul 1.07 212 Pn Pn 18 05 35.1 +0.3
KBL Chuyangaron 3.23 352 Pn Pn 18 06 04.3 +1.5
SIMJ Simiganj 3.25 350 Pn Pn 18 06 04.7 +1.6

2018 JUN
CHMS Chumysh 8.48 26 Pn Pn 18 07 15.6 +1.6
CHMS 20nm,0.7s
BOOM Boomskoye usch 8.52 33 Pn Pn 18 07 16.1 +1.4
USP Przhval'sk 8.63 24 Pn Pn 18 07 18.8 +2.7

IDC 06 18:09:21.8±22.0, 25°30'S, 179°46'E, h170km, 214km,
mb3.2/2, mbtmp3.9/3, ML3.8/1, Error ellipse:
s-maj=154.3km s-min=52.6km az=11.0, South of Fiji

Code Station Name Δ° AZ' Phase ID Time Res
URZ Urewera 12.48 189 P Pn 18 12 14.3 +0.7
URZ 0.6nm,0.3s,baz=83,slow=16,SNR=1.5
ASAR Alice Springs 41.27 263 P Pn 18 16 50.5 -0.1

6d 18h
LDUT baz=124 S Sb 18 15 07.6 +3.8
ECS Chishang 0.29 346 P Pb 18 15 02.5 -0.9
ECS baz=5.0 S Sb 18 15 09.2 +1.0
CHKT Chengkung baz=5.0 0.29 13 P Pn 18 15 02.8 -0.6

6d 18h

2018 JUN

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KIV Kislovodsk, SH1A1 Shidzhatmaz, BJI Beijing, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HEH Heihe, AK09 Malin Array Si, SORM Soroca, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MLR Muntele Rosu, ELND Elena, CRVS Cervenica-Dubn, etc.

6d 18h

MESJ	Messejana	66.81	301	eP	P	I	18 26 41.4	-0.3
MESJ	comp=Z,26nm,1.7s				I	Amb	18 26 42.3	
PBDV	comp=Z,12nm,1.1s	66.89	300	eP	P		18 26 42.8	+0.6
A22K	Barrance Ve	67.05	17	P	P		18 26 42.2	-0.4
C18K	Utukok River	67.06	20	P	P		18 26 42.3	-0.5
D17K	Noatak River	67.13	21	P	P		18 26 43.2	0.0
C19K	Lookout Ridge	67.20	19	P	P		18 26 43.7	+0.1
B20K	Meade River	67.22	18	P	P		18 26 43.6	0.0
F14K	Arctic Creek	67.49	24	P	P		18 26 45.6	+0.1
B22K	Teshchepuk Lake	67.89	17	P	P		18 26 47.7	-0.2
F15K	North Star Dit	67.90	23	P	P		18 26 47.8	-0.2
E17K	Hotham Inlet	67.90	22	P	P		18 26 46.6	-1.5
D19K	Kuna River	68.01	19	P	P		18 26 48.2	-0.6
E18K	Tukpahleark C	68.03	21	I	Amb	I	18 26 50.4	
E18K	Tukpahleark C	68.03	21	P	P		18 26 48.7	-0.2
B21K	Ikipkuk River	68.12	18	P	P		18 26 48.8	-0.5
UMMG	Ummannaq	68.14	344	i	P	I	18 26 49.0	-0.5
D20K	Etiulik River	68.25	19	P	P		18 26 49.7	-0.6
C21K	Knefelblade Rid	68.41	18	P	P		18 26 51.1	-0.1
F17K	Baldwin Pennin	68.49	22	P	P		18 26 51.8	0.0
G15K	Niukluk	68.55	24	P	P		18 26 51.8	-0.3
E20K	Nigu River	68.69	19	P	P		18 26 53.0	-0.1
G16K	Koyuk River	68.83	23	P	P		18 26 53.6	-0.3
F18K	Selawik	68.86	21	P	P		18 26 53.6	-0.4
C23K	Ilkiliik River	68.91	16	P	P		18 26 54.0	-0.3
E19K	Redstone River	68.97	20	I	Amb	I	18 26 56.3	
E19K	Redstone River	68.97	20	P	P		18 26 54.7	0.0
ILULI	Ilulissat	69.00	343	P			18 26 54.9	0.0
ILULI	Ilulissat	69.00	343	P			18 26 54.9	0.0
ILULI	Ilulissat	69.00	343	i	P	I	18 26 53.3	-1.6
E21K	Killik River	69.13	18	P	P		18 26 55.5	-0.3
D22K	Aiykyak River	69.13	18	I	Amb	I	18 26 57.1	
D22K	Aiykyak River	69.13	18	P	P		18 26 55.5	-0.3
F19K	Shalerucik Mo	69.25	21	I	Amb	I	18 26 57.5	
F91K	Shalerucik Mo	69.25	21	P	P		18 26 57.7	-0.8
G17K	Kiwalik Mouna	69.30	22	P	P		18 26 57.0	+0.2
H16K	Elim	69.36	24	P	P		18 26 57.4	+0.2
C24K	Franklin Bluff	69.43	16	P	P		18 26 57.7	+0.2
LSZ	Lusaka	69.45	232	P			18 26 57.8	-0.8
LSZ	Lusaka	69.45	232	P			18 26 57.8	-0.8
D23K	Nanushuk River	69.55	17	P	P		18 26 58.1	-0.2
G18K	Tagagavik	69.64	22	I	Amb	I	18 27 00.3	
G18K	Tagagavik	69.64	22	P	P		18 26 58.7	-0.3
F20K	Avaraart Lake	69.67	20	P	P		18 26 58.9	-0.2
DY2G	Dyez	69.71	339	i	P	I	18 26 59.0	-0.6
RES	Resolute Bay	69.78	358	P			18 26 59.7	+0.1
RES	Resolute Bay	69.78	358	P			18 27 01.1	
RES	Resolute Bay	69.78	358	P			18 26 59.7	+0.1
D24K	Happy Valley	69.84	16	P	P		18 26 59.9	-0.2
E22K	Anaktuvuk Pass	69.90	18	P	P		18 27 00.3	-0.3
H17K	Granite Mouna	69.91	23	P	P		18 27 00.5	-0.1
G19K	Purcell Mouna	69.93	21	I	Amb	I	18 27 03.0	
G19K	Purcell Mouna	69.93	21	P	P		18 27 00.8	+0.1
TOLK	Toolik Lake Re	70.06	17	P	P		18 27 01.2	-0.3
C26K	Camden Bay	70.08	15	P	P		18 27 01.8	-0.3
J14K	Nanvaranak Lake	70.15	26	P	P		18 27 01.5	-0.5
F21K	Alatna River	70.15	19	I	Amb	I	18 27 04.3	
F21K	Alatna River	70.15	19	P	P		18 27 02.0	-0.1
H18K	Honhosa River	70.24	22	P	P		18 27 03.2	+0.5
D25K	Kavik River	70.25	15	I	Amb	I	18 27 04.0	
D25K	Kavik River	70.25	15	P	P		18 27 02.4	-0.3
F22K	John River	70.28	18	P	P		18 27 03.1	+0.3
K13K	Kusilvik Mouna	70.28	27	P	P		18 27 03.5	+0.6
H17K	Unalakleet	70.37	24	P	P		18 27 04.0	+0.6
E23K	Chanlar	70.50	17	P	P		18 27 04.3	0.0
SFJD	Kangerlussuaq	70.53	341	P			18 27 04.0	-0.3
SFJD	Kangerlussuaq	70.53	341	LR			19 01 24.5	
SFJD	Kangerlussuaq	70.53	341	P			18 27 04.0	-0.3
SFJD	Kangerlussuaq	70.53	341	P			18 27 04.0	-0.3
SFJD	Kangerlussuaq	70.53	341	i	P	I	18 27 02.3	-2.0
H19K	Roundabout Mo	70.55	21	P	P		18 27 04.6	+0.1
C27K	Jago River	70.56	14	P	P		18 27 03.9	-0.6
G21K	Allakaket	70.67	20	I	Amb	I	18 27 05.9	
G21K	Allakaket	70.67	20	P	P		18 27 03.9	-1.3
E24K	Your Creek	70.76	17	I	Amb	I	18 27 05.0	
E24K	Your Creek	70.76	17	P	P		18 27 05.5	-0.3
J16K	Anvik River	70.81	24	P	P		18 27 06.6	+0.5
G22K	Bettles	70.89	19	P	P		18 27 05.9	-0.7
GCSA	Galena City Sc	70.98	22	P	P		18 27 06.7	-0.3
SPIA	Saint Paul Isl	70.99	32	P	P		18 27 06.9	-0.4
COLD	Coldfoot	71.00	18	P	P		18 27 06.9	-0.3
H20K	Anotleneega Mo	71.03	21	P	P		18 27 07.4	-0.1
K15K	Wolf Creek Mou	71.16	25	P	P		18 27 09.2	+1.0

2018 JUN

J17K	VABM Dome	71.23	24	P	P		18 27 09.1	+0.4
A36M	Sachs Harbour	71.31	8	I	Amb	I	18 27 09.8	
A36M	Sachs Harbour	71.31	8	P	P		18 27 09.0	0.0
F24K	Squaw Lake	71.33	17	I	Amb	I	18 27 10.9	
F24K	Squaw Lake	71.33	17	P	P		18 27 09.6	+0.3
L14K	Kuka Creek	71.39	26	I	Amb	I	18 27 11.3	
L14K	Kuka Creek	71.39	26	P	P		18 27 10.3	+0.7
E25K	Arctic Village	71.39	16	I	Amb	I	18 27 11.0	
E25K	Arctic Village	71.39	16	P	P		18 27 09.3	-0.3
D27M	Malcolm River	71.42	14	P	P		18 27 09.7	-0.1
G23K	Bananza Creek	71.44	18	I	Amb	I	18 27 11.2	
G23K	Bananza Creek	71.44	18	P	P		18 27 09.8	-0.1
H21K	Melozitna Rive	71.50	20	I	Amb	I	18 27 11.8	
H21K	Melozitna Rive	71.50	20	P	P		18 27 10.2	-0.1
L15K	Ungalak Mouna	71.59	26	P	P		18 27 10.6	-0.3
I20K	Naedeneel	71.66	21	P	P		18 27 11.4	+0.2
TOAO	Torodi Ar. Sit	71.67	273	P			18 27 10.8	-1.4
TORD	Torodi Ar. Bea	71.67	273	P			18 27 10.7	-1.4
TORD	Torodi Ar. Bea	71.67	273	P			18 27 12.5	
TORD	Torodi Ar. Bea	71.67	273	P			18 27 11.2	-0.9
H22K	Ishlatina Cre	71.71	19	P	P		18 27 11.0	-0.5
M13K	Dall Lake	71.75	27	P	P		18 27 12.5	+0.7
D28M	Stokes Point	71.77	13	P	P		18 27 11.9	+0.1
F25K	Christian River	71.80	16	P	P		18 27 12.7	+0.6
J19K	Pooman	71.90	22	I	Amb	I	18 27 14.1	
J19K	Pooman	71.90	22	P	P		18 27 13.5	+0.7
J18K	Innoko River	71.94	23	P	P		18 27 13.3	+0.3
K17K	Iditarod	71.96	24	I	Amb	I	18 27 15.1	
K17K	Iditarod	71.96	24	P	P		18 27 13.7	+0.6
M14K	Bethel	72.04	27	I	Amb	I	18 27 15.7	
M14K	Bethel	72.04	27	P	P		18 27 14.0	+0.4
F26K	Sheenjek River	72.05	16	P	P		18 27 13.5	-0.1
I21K	Tanana	72.08	20	P	P		18 27 14.0	+0.2
EMAR	Burnt Mountain	72.17	16	P	P		18 27 14.5	+0.1
E27K	Coleen River	72.19	15	P	P		18 27 14.6	+0.2
J20K	Nowinta River	72.21	21	I	Amb	I	18 27 17.3	
J20K	Nowinta River	72.21	21	P	P		18 27 15.3	+0.8
E28M	Babbage River	72.24	14	I	Amb	I	18 27 16.0	
E28M	Babbage River	72.24	14	P	P		18 27 15.2	+0.5
H23K	Owhat River	72.25	19	P	P		18 27 15.0	+0.3
L16K	Owhat River	72.25	19	P	P		18 27 16.1	+1.2
G25K	Bearna Lake	72.36	17	P	P		18 27 15.6	+0.2
L17K	Donlin	72.37	24	P	P		18 27 16.3	+0.7
MLY	Manley	72.54	20	I	Amb	I	18 27 17.9	
MLY	Manley	72.54	20	P	P		18 27 16.6	0.0
M15K	Kasigluk River	72.54	26	P	P		18 27 17.2	+0.6
N14K	Kusokwivak Cree	72.70	27	P	P		18 27 18.2	+0.7
E29M	Blow River	72.74	13	I	Amb	I	18 27 19.0	
E29M	Blow River	72.74	13	P	P		18 27 17.7	+0.1
G26K	Porcupine Rive	72.75	16	P	P		18 27 18.4	+0.8
I23K	Minto, Yukon-K	72.82	19	I	Amb	I	18 27 19.7	
I23K	Minto, Yukon-K	72.82	19	P	P		18 27 18.2	+0.1
H25L	Birch Creek	72.83	17	P	P		18 27 18.6	+0.4
K20K	Telida	72.84	22	I	Amb	I	18 27 21.2	
K20K	Telida	72.84	22	P	P		18 27 18.6	+0.2
L18K	Granite Mouna	72.84	24	I	Amb	I	18 27 20.3	
L18K	Granite Mouna	72.84	24	P	P		18 27 18.6	+0.3
M16K	Timber Creek	72.93	25	P	P		18 27 19.5	+0.6
CHUM	Lake Minchumini	72.97	21	P	P		18 27 19.0	0.0
F28M	Old Crow	73.02	14	I				

Table with columns: J30M, Hart River, 76.39, 15, P, P, 18 27 38.2, -0.8. Includes entries for HOM, L27K, L27K, BCAR, WBD, BRLL, BRSE, WRA, WRA, WRAB, WRAB, WRAB, WBR2, KLU, M26K, M26K, SEW, K29M, GLI, GLI, N25K, N25K, Q20K, SYI, R18K, M27K, M27K, CHNA, L29M, L29M, L29M, L29M, FRB, P23K, BMRM, EYAK, KDAK, KDAK, KDAK, KDAK, KDAK, MCARA, MCARA, MCARA, OHAK, M29M, SII, YUK3, RAGM, M30M, BARN, CTG, WAX, YUK4, O28M, M31M, N30M, AS31, ASAR, ASAR, FARO, YUK6, MPMY, MPMY, N31M, HYT, O29M, O30M, PNL, N32M, P30M, WHY, P29M, DBIC, DBIC, DBIC, DBIC, TGNT, KIC, TIBC, LIC, P33M, SKAG, BOSA.

Table with columns: BOSA, Boshof, 81.21, 225, P, P, 18 28 06.2, +0.2. Includes entries for BOSA, YKA, WIN, R33M, R33M, R32K, DLBC, DLBC, SIT, S34M, TOAD, SCHO, FCC, SUR, STKA, FFC, FFC, ULM, DGMT, EYMN, EGMT, LONY, MPMC, MVCO, TROLL, SNAK, SNAK, VNA2, VNA3, QSPA, CPUP, LPAZ, EFI, EFI, PB18, K001, PB11, TRQA, TRQA, PB09, LVC, LVC, PLCA, IDC 06 18:21:29.3, 1.8, 55:85S:27.86W, h0km, mb3.8/4, mtbmp3.9/5, ML4.4/1, Error ellipse: s-maj=79.8km s-min=25.6km az=97.0. ISC 06 18:21:47.2, 1.6, 56:05O:02:27.8W:0:4, h150km, n11, c221/11, mb3.6/4, 5S, South Sandwich Islands region. Includes entries for VNA1, VNA2, VNA3, SNAK, SNAK, SNAK, TROLL, QSPA, MAW, VNA2, TORD, SONM, JMA 06 18:29:19.7, 0.3, 42:7N:0:7:14:7E, h51km, MV2.8/25, OFF NEMURO PENINSULA, SKHL 06 18:29:18.2, 9, 42:87N:0:10:146.79E:0:08, h32km, 17km, n17, 09:53/26, Off southeast coast of Hokkaido. Includes entries for NEM2, NMR, NMR, SHO, SHO, SHO, SHO, JKH, YUK, YUK, YUK, AKK, AKK, JAK, JAK, JRA, JNK, JNK, JOB, JOB, JAR.

Table with columns: JAR, Abashiri-Toko, 2.37, 299, eS, Sn, 18 30 23.9, +0.4. Includes entries for JAR, JTKR, KUR, KUR, KUR, KUR, JCH, JCH, JEM, JNBK, JFR, NEIC 06 18:34:28.9, 0.7, 19:40AN:0:009:155:287W:0:009, h5km, 1km, Error ellipse: s-maj=2.6km s-min=1.5km az=124.0. HVO 06 18:34:28.7, 0.8, 19:40N:0:011:155:274W:0:007, h1km, 3km, ML3.5/1, ML3.5/46(NEIC), Error ellipse: s-maj=1.8km s-min=0.7km az=159.0, Hawaiian Islands. Includes entries for RIM, KKO, BYL, OBL, UWB, HATHI, SBLH, UWE, RSD, RSD, RSD, PUH, PUH, PUH, KNH, HLP, HLP, HLP, MLH, STCH, STCH, NPOC, JOKA, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MWH, PAH, KHU, KHU, POHA, POHA, HUH, HPAH, HPAH, MHA, OBL, UWB, SBLH, HATHI, BYL, UWE, RIM, RSD, RSD, PUH, PUH, PUH, KNH, HLP, HLP, MLH, STCH, STCH, JOKA, JOKA, MLOA, MLOA, MWH, KHU, POHA, POHA, HUH, HPAH, MHA, NEIC 06 18:51:34.5, 58:36S:25:76W, h50km, MOS 06 18:51:34.7, 0.8, 58:31S:25:65W, h40km, mb5.9/31, MS5:1/28, Error ellipse: s-maj=16.9km s-min=9.2km az=103.8. NEIC 06 18:51:34.5, 58:36S:25:76W:0:2, h31km, 1km, KHU, KHU, POHA, POHA, MLOA, MLOA, MWH, KHU, POHA, POHA, HUH, HPAH, MHA, NEIC 06 18:51:34.5, 58:06S:25:19W, h50km, Moment Tensor Solution. Duration: 2:6 Moment tensor: Scale 10^17Nm; Mns:3.24; Mns-0.03; Mns-3.21; Mns-1.25; Mns-0.37; Mns-0.46; Fault plane solution: M=3.50000x10^17 NP:1.

Table with columns for station ID, name, coordinates, and status. Includes stations like BBSD Serra de San D, NWCL Newcastle, LBTT Lobatse, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like CZSB Cruzeiro do Su, TFE Tabatinga, BOAV Boa Vista, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like POWZ Post Office Ro, QZV Quartz Range, WSPZ Waipukurau, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMRV, COI, ESDC, MTE, WRA, WRAB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GERES, GURU, CKRC, GRFO, GRA1, KHC, HDIL, MLR, EPT, MSTX, HYB, AMIL, TREC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RNPS, SPMM, Q24A, MI28, MVCO, WUAZ, IKP, AK07, AK13, ECDSD, AK14, OGNE, SWSC, AKASG, AKASG, AKASG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNK, NACGM, SBC, ARVC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EMB, MOS, MEF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PZH, KUU, CHKK, etc.

6d 18h

Table with columns for station ID, name, coordinates, and status. Includes stations like Resolute Bay, Lanzhou, Toad River Com, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like TIA Taian, O29M Mount Kennedy, YNL Peninsula, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like ULN, E28M Babbage River, I27K Kandi, etc.

2018 JUN

COLA	College	152.67	308	IAMS_20	IAMS_20	20 22 25.6			
COLA	College	152.67	308	P	PKIKP	19 11 26.4	0.0		
COLA	College	152.67	308	PKIKP	PKPbc	19 11 26.1	0.0		
COLA	College	152.67	308	MLR	MLR				
WRH	Wood River Hill	152.67	307	IAMS_20	IAMS_20	20 22 02.6			
RND	Reindeer	152.72	305	IAMS_20	IAMS_20	20 23 53.9			
SYI	Shuyak Island	152.78	294	IAMS_20	IAMS_20	20 10 00.9			
Q20K	Shuyak Island	152.78	294	P	PKIKP	19 11 27.5	+0.7		
M22K	Willow	152.80	301	IAMS_20	IAMS_20	20 21 40.4			
M22K	Willow	152.80	301	P	PKIKP	19 11 27.5	+0.8		
HOM	Homer	152.81	296	P	PKIKP	19 11 27.5	+0.7		
SII	Sitkinak Island	152.82	289	P	PKIKP	19 11 27.4	+0.4		
MCK	McKinley	152.84	305	P	PKIKP	19 11 27.3	+0.4		
MDM	Murphy Dome	152.85	308	IAMS_20	IAMS_20	20 16 10.2			
D25K	Kavik River	152.87	318	P	PKIKP	19 11 26.9	+0.1		
KSAR	Wonju Array Be	152.88	129	PKPpdf	PKPpdf	19 11 19.2	-1.1		
KSAR	Wonju Array Be	152.88	129	PKPpdf	PKPpdf	19 11 19.2	-1.1		
KSRS	Korea Array	152.90	129	PKP	PKP	19 11 19.8	-0.5		
KSRS	Korea Array	152.90	129	PKPbc	PKPbc	19 11 27.3	-0.2		
KSRS	Korea Array	152.90	129	PKPbc	PKPbc	19 11 27.3	-0.2		
KSRS	Korea Array	152.90	129	PKPbc	PKPbc	19 11 27.3	-0.2		
JHU	Hachijo jima 2	152.92	152	PKPbc	PKPbc	19 11 27.7	-0.1		
CAPN	Captain Cook N	152.96	299	P	PKIKP	19 11 28.3	+1.3		
SUA	Susitna One	153.00	300	P	PKIKP	19 11 28.0	+0.7		
CUT	Chulitna	153.06	302	P	PKIKP	19 11 27.9	+0.6		
NEA2	Nenana	153.11	307	IAMS_20	IAMS_20	20 18 52.2			
NEA2	Nenana	153.11	307	P	PKIKP	19 11 27.3	0.0		
F24K	Squaw Lake	153.19	314	P	PKIKP	19 11 28.4	+0.9		
CHIR	Chirikof Island	153.22	286	P	PKIKP	19 11 28.4	+0.6		
I23K	Minto, Yukon-K	153.36	308	IAMS_20	IAMS_20	20 22 02.3			
I23K	Minto, Yukon-K	153.36	308	P	PKPbc	19 11 27.6	-0.1		
TRF	Thorofare Moun	153.36	305	P	PKIKP	19 11 28.3	+0.2		
R18K	Karluk	153.37	291	P	PKIKP	19 11 28.3	+0.3		
O20K	Slope Mountain	153.42	297	P	PKIKP	19 11 28.3	+0.1		
E24K	Your Creek	153.50	315	IAMS_20	IAMS_20	20 23 16.9			
E24K	Your Creek	153.50	315	P	PKIKP	19 11 29.0	+0.9		
Q19K	Cape Douglas,	153.50	294	IAMS_20	IAMS_20	20 21 20.0			
Q19K	Cape Douglas,	153.50	294	P	PKIKP	19 11 28.4	+0.1		
SKT	Skwentna	153.51	301	IAMS_20	IAMS_20	20 20 38.1			
SKT	Skwentna	153.51	301	P	PKIKP	19 11 28.8	+0.5		
P19K	Oli Pt	153.56	295	P	PKIKP	19 11 28.6	+0.2		
H23K	Yukon River	153.56	310	IAMS_20	IAMS_20	20 21 20.7			
H23K	Yukon River	153.56	310	P	PKIKP	19 11 28.8	+0.5		
N20K	Mount Spurr	153.59	299	P	PKIKP	19 11 28.5	0.0		
D24K	Franklin Bluff	153.72	319	P	PKIKP	19 11 29.1	+0.7		
C24K	Happy Valley	153.72	317	IAMS_20	IAMS_20	20 20 09.0			
D24K	Happy Valley	153.72	317	P	PKIKP	19 11 28.8	+0.4		
G23K	Bananza Creek	153.90	312	P	PKIKP	19 11 29.9	+0.9		
MLY	Manley	153.91	308	IAMS_20	IAMS_20	20 16 39.8			
MLY	Manley	153.91	308	P	PKPbc	19 11 28.7	-0.3		
E23K	Chandler	153.91	315	P	PKIKP	19 11 29.3	+0.3		
TOLK	Toolik Lake Re	153.95	316	IAMS_20	IAMS_20	20 17 59.0			
TOLK	Toolik Lake Re	153.95	316	P	PKIKP	19 11 29.9	+0.8		
COLD	Coldfoot	154.04	313	P	PKIKP	19 11 30.3	+1.2		
PLLA	Purkeypile	154.05	303	P	PKIKP	19 11 29.9	+0.4		
CAST	Castle Rocks	154.13	304	IAMS_20	IAMS_20	20 25 25.8			
CAST	Castle Rocks	154.13	304	P	PKIKP	19 11 29.7	+0.1		
M20K	Styx River	154.21	300	IAMS_20	IAMS_20	20 20 57.5			
M20K	Styx River	154.21	300	P	PKIKP	19 11 30.0	+0.2		
O19K	Port Alsworth	154.26	296	P	PKPbc	19 11 29.6	-0.2		
H22K	Ishitala Cre	154.32	310	P	PKIKP	19 11 30.4	+0.5		
CHUM	Lake Minchumin	154.34	305	P	PKIKP	19 11 29.9	+0.1		
Q17K	Contact Creek	154.35	291	P	PKPbc	19 11 30.2	0.0		
D23K	Nanushuk River	154.38	317	P	PKIKP	19 11 30.7	+0.1		
C23K	Ikilik River	154.39	319	IAMS_20	IAMS_20	20 18 57.6			
C23K	Ikilik River	154.39	319	P	PKIKP	19 11 30.7	+0.9		
P18K	Big Mountain,	154.43	294	IAMS_20	IAMS_20	20 11 28.5			
P18K	Big Mountain,	154.43	294	P	PKPbc	19 11 29.7	-0.5		
I21K	Tanana	154.45	308	IAMS_20	IAMS_20	20 17 04.5			
I21K	Tanana	154.45	308	P	PKIKP	19 11 30.3	+0.2		
G22K	Bettles	154.51	312	P	PKIKP	19 11 31.3	+1.2		
N19K	Bonanza Creek	154.53	297	IAMS_20	IAMS_20	20 23 43.2			
N19K	Bonanza Creek	154.53	297	P	PKPbc	19 11 30.3	-0.2		
O18K	Koktuh Hills	154.57	295	IAMS_20	IAMS_20	20 18 17.3			
O18K	Koktuh Hills	154.57	295	P	PKIKP	19 11 30.6	-0.1		
L20K	Farewell, AK	154.70	301	P	PKPbc	19 11 30.6	-0.1		
E22K	Anaktuvuk Pass	154.74	315	IAMS_20	IAMS_20	20 19 19.6			
E22K	Anaktuvuk Pass	154.74	315	P	PKIKP	19 11 31.2	+0.5		
M19K	Big River Lodg	154.79	300	IAMS_20	IAMS_20	20 17 47.1			
M19K	Big River Lodg	154.79	300	P	PKIKP	19 11 31.1	+0.2		
CNBA	Chernabura Isl	154.80	282	PKPpdf	PKPpdf	19 11 21.3	-1.1		
CNBA	Chernabura Isl	154.80	282	PKPbc	PKPbc	19 11 30.8	-0.2		
CNBA	Chernabura Isl	154.80	282	PKPbc	PKPbc	19 11 31.0	0.0		
F22K	John River	154.83	313	P	PKIKP	19 11 31.7	+0.8		
CHGN	Chignik	154.84	286	P	PKIKP	19 11 31.1	0.0		
H21K	Melozitna Rive	154.87	309	P	PKIKP	19 11 31.5	+0.5		
Q16K	King Salmon	154.88	292	P	PKIKP	19 11 31.3	+0.2		

R16K	Pilot Point	154.92	289	P	PKPbc	19 11 31.0	-0.2		
P17K	Kvichak River	154.95	293	P	PKIKP	19 11 31.4	+0.1		
K20K	Telida	154.99	303	IAMS_20	IAMS_20	20 19 30.4			
K20K	Telida	154.99	303	P	PKIKP	19 11 31.7	+0.4		
L19K	White Mountain	155.07	300	P	PKPpdf	19 11 31.5	+8.9		
D22K	Aiyikav River	155.10	317	P	PKPpdf	19 11 32.4	+1.0		
N18K	Kilias Creek	155.15	297	IAMS_20	IAMS_20	20 24 11.6			
N18K	Kilias Creek	155.15	297	P	PKPpdf	19 11 31.6	+8.9		
J20K	Nowinta River	155.19	305	IAMS_20	IAMS_20	20 23 42.6			
J20K	Nowinta River	155.19	305	P	PKPpdf	19 11 32.1	+9.4		
G21K	Allakaket	155.26	311	IAMS_20	IAMS_20	20 22 08.5			
G21K	Allakaket	155.26	311	P	PKPpdf	19 11 32.4	+1.0		
F21K	Alatina River	155.31	313	P	PKPbc	19 11 48.6	+0.2		
M18K	Stony River	155.34	299	P	PKPbc	19 11 48.8	+0.2		
B22K	Teshkepuk Lake	155.35	320	IAMS_20	IAMS_20	20 19 38.9			
B22K	Teshkepuk Lake	155.35	320	P	PKPbc	19 11 48.9	+0.5		
S14K	Fog Glacier	155.42	285	P	PKPbc	19 11 48.5	-0.7		
I20K	Naagdeneel	155.43	307	IAMS_20	IAMS_20	20 26 39.1			
I20K	Naagdeneel	155.43	307	P	PKPbc	19 11 49.2	+0.3		
O17K	Kolliganek Bris	155.45	294	P	PKPbc	19 11 49.3	+0.2		
SDPT	Sand Point	155.49	283	P	PKPbc	19 11 49.5	0.0		
E21K	Killik River	155.56	316	IAMS_20	IAMS_20	20 21 17.5			
E21K	Killik River	155.56	316	P	PKPbc	19 11 49.4	-0.1		
P16K	Nushagak River	155.65	292	P	PKPbc	19 11 49.7	-0.3		
H20K	Avaarega Mo	155.70	308	P	PKPbc	19 11 49.8	-0.3		
N17K	Nushagak Hills	155.72	296	IAMS_20	IAMS_20	20 24 40.6			
N17K	Nushagak Hills	155.72	296	P	PKPbc	19 11 50.1	-0.1		
MAJO	Matsushiro	155.73	147	IAMS_20	IAMS_20	20 18 44.5			
MJAR	Matsushiro Ar	155.73	147	PKP	PKPpdf	19 11 24.0	-0.4		
MJAR	Matsushiro Ar	155.73	147	PKPbc	PKPbc	19 11 32.9	-3.5		
MJAR	Matsushiro Ar	155.73	147	PKPbc	PKPbc	19 11 50.9	-0.1		
B21K	Ikpiqpuq River	155.78	318	IAMS_20	IAMS_20	20 18 48.4			
B21K	Ikpiqpuq River	155.78	318	P	PKPbc	19 11 50.7	+0.4		
J19K	Poorman	155.79	305	IAMS_20	IAMS_20	20 21 40.6			
J19K	Poorman	155.79	305	P	PKPbc	19 11 50.0	-0.5		
A22K	Sinair Lake	155.82	322	P	PKPbc	19 11 51.1	+0.7		
C21K	Knifeblade Rid	155.86	317	P	PKPbc	19 11 51.0	+0.4		
O16K	Kokwok River B	155.88	293	P	PKPbc	19 11 50.7	-0.3		
L18K	Granite Mounta	155.92	300	P	PKPbc	19 11 51.0	0.0		
M17K	Holitna River	156.07	298	P	PKPbc	19 11 51.5	-0.3		
CIT	Chita	156.14	87	ePKIKP	PKPpdf	19 11 14.8	-1.0		
CIT	Chita	156.14	87	pmax	pmax	19 11 23.0			
F20K	Avaara Lake	156.18	312	IAMS_20	IAMS_20	20 26 16.8			
F20K	Avaara Lake	156.18	312	P	PKPbc	19 11 52.1	+0.1		
J18K	Innok River	156.18	303	IAMS_20	IAMS_20	20 22 23.9			
J18K	Innok River	156.18	303	P	PKPbc	19 11 51.9	-0.3		
A21K	Barrow	156.31	323	P	PKPbc	19 11 53.0	+0.5		
H19K	Roundabout Mou	156.35	308	IAMS_20	IAMS_20	20 22 22.4			
H19K	Roundabout Mou	156.35	308	P	PKPbc	19 11 53.0	+0.2		
E20K	Nigu River	156.38	315	P	PKPbc	19 11 53.4	+0.4		
GCSA	Galena City Sc	156.44	306	P	PKPbc	19 11 53.4	+0.1		
N16K	Nisik Lake	156.46	295	P	PKPbc	19 11 53.8	+0.3		
S12K	Black Hills	156.49	282	P	PKPbc	19 11 52.9	-0.8		
D20K	Etluvik River	156.53	316	P	PKPbc	19 11 53.6	0.0		
O15K	Ungalikthiuk R	156.59	292	P	PKPbc	19 11 53.7	-0.4		
L17K	Donlin	156.63	299	P	PKPbc	19 11 54.1	-0.1		
B20K	Meade River	156.64	320	IAMS_20	IAMS_20	20 19 30.1			
B20K	Meade River	156.64	320	P	PKPbc	19 11 54.5	+0.6		
G19K	Purcell Mounta	156.67	310	IAMS_20</					

6d 19h GRNR Gorny 167.14 118.1 PKIKP PKPdf 19 11 35.0 -0.8 ... YAK Yakutsk 167.19 63 PKPab PKPdf 19 11 32.4 -2.9 ... SHEM Shemya Is, Ala 167.53 252 PKPab PKPdf 19 12 41.0 -1.1 ... MA2 Magadan 177.74 55 PKPab PKPdf 19 11 38.5 -1.6 ...

NNC 06 18:56:09.6z-4.6,35.13N-80.00E,h0km,mb4.3,mpv4.2, Error ellipse: s-maj=42.8km s-min=35.9km az=87.0 ...

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC ULHL Ulahol 6.62 345 P Op ISC 18 58 04.3 +6.3 ...

HNR Honiara 15.22 114 LR 19 07 07.9 ... GUMO Guam 16.90 357 LR 19 07 54.7 ... WRA Warramunga Arr 19.92 213 P 19 02 20.2 +0.3 ... ASAR Alice Springs 23.23 209 P 19 02 54.8 +1.2 ... DZM Mont Dzacam 27.27 135 LR 19 13 14.8 ... SONM Songino Array 61.59 331 P 19 08 02.9 -0.7 ... MKAR Makanchi Array 74.78 320 P 19 09 25.7 -0.5 ... KURBB Kurchatov Arra 78.48 323 P 19 09 47.4 +0.3 ... ILAR Eielson Array 83.55 23 P 19 10 15.1 +1.2 ... BVAR Borovoye Array 84.01 324 P 19 10 16.2 -0.2 ...

NSSP 06 19:03:03.5z-0.9,2N-44.28E,h8km,M3.0 ISK 06 19:03:03.4z-0.9,2N-44.28E,h5km,ML2.6/6 ...

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC DMNI Dmanisi 0.41 351 P Op ISC 19 03 11.7 +1.0 ... BGD Bogdanovka 0.61 304 P Pg Sb 19 03 16.2 +0.8 ... KAPZ Kaputan 0.69 152 P P Sb 19 03 17.1 +0.3 ... AKH Akhalkalaki 0.76 310 P Pg Sb 19 03 18.5 +0.3 ...

BATM Batumi 2.06 290 P S Pb 19 03 41.8 0.0 ... KOPR Kopruckoy-ERZUR 2.07 244 Pn Sg 19 04 09.5 -0.3 ... GRS Goris 2.13 131 P/P S Pb 19 03 41.0 +0.6 ... MNGR Mingechvir, A 2.14 93 P S S Pb 19 03 42.9 +0.5 ... KORR Korra 2.16 356 P/P S Pb 19 04 11.3 +1.2 ... SEKA Sheki 2.23 82 P S S Pb 19 04 12.4 +0.6 ... ARNR Ardon 2.25 0 P/P S Pb 19 04 15.8 -1.0 ... BRDA Brd 2.31 106 P S S Pb 19 04 13.7 -1.3 ... AGDM Agdam 2.31 110 P S S Pb 19 04 43.6 +0.8 ... LSNR Lesken 2.37 352 P/P S Pb 19 03 47.8 +0.5 ... ORD Ordubad 2.40 146 P S S Pb 19 04 19.8 -0.1 ... DVE Vedeno 2.45 34 P/P S Pb 19 03 47.9 -0.7 ... ZRD Zardab 2.68 103 P S S Pb 19 04 24.5 -1.1 ... QBL Gabala 2.70 88 P S S Pb 19 03 50.3 +2.1 ... QRD Qoradz 2.75 121 P S S Pb 19 03 50.0 +1.1 ... BLO Beylaqan 2.79 115 P S S Pb 19 03 45.9 +1.5 ... DBC Dubki 2.83 41 P/P S Pb 19 03 52.3 +2.3 ... Khinaliq 2.93 84 P S S Pb 19 04 25.3 -2.5 ... GURO Guromyak-BITLI 2.94 217 Pn S Pb 19 03 51.5 0.0 ... ISmayilli 2.97 91 P S S Pb 19 03 53.6 +1.7 ... SHAI Shidzhatmaz 3.05 337 P/P S Pb 19 03 56.7 -2.2 ... OSAR Qusar 3.07 78 P S S Pb 19 04 34.4 -2.3 ... QUBA Quba, Azerbaj 3.21 81 P S S Pb 19 03 57.9 +2.6 ... KUBA Kuba 3.21 81 P S S Pb 19 03 37.9 -3.3 ... Kislovodsk 3.25 339 IAML S Pb 19 04 50.1 +0.2 ... KIV comp=N,8.3nm,0.9s IAML P Pb 19 04 56.0 ... PQL Pirkulii 3.28 91 P S Pn 19 03 57.4 +1.2 ... SIYZN Siyzn 3.50 86 P S S Pb 19 04 11.8 +2.5 ... Altghaj 3.54 90 P S S Pb 19 04 44.3 +2.9 ... CLIBAD Cilibad 3.58 117 P S S Pb 19 04 02.5 -3.2 ... YRD Yardimli 3.65 122 P S S Pb 19 04 05.0 +3.5 ... YRD Yardimli 3.65 122 P S S Pb 19 04 48.6 +3.4 ...

NEIC 06 19:04:08.7z-0.9,19.44N-0.02z-155.300W-0.009, h3km,8km, Error ellipse: s-maj=2.5km s-min=0.9km ...

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC OBSL Observatory Le 0.01 343 P Pg 19 04 09.0 +0.3 ... UWL Uwekahuna B 0.17 347 P Pg 19 04 09.7 +0.8 ... RIM Rim 0.02 155 P Pg 19 04 10.4 +2.5 ... SBLH Steaming Bluff 0.02 42 P Pg 19 04 10.0 +1.2 ... BYL Byron's Ledge 0.02 89 P Pg 19 04 08.7 -0.2 ... HATHI Halema'u'u T 0.02 61 P Pg 19 04 08.9 0.0 ... RSD Rainshead 0.05 4 P Pg 19 04 10.0 +0.6 ... PAUH Pauahi 0.07 121 P/IAML Pg 19 04 10.5 +0.6 ... KHHH Kane Nui o Ham 0.11 107 P Pg 19 04 11.6 +1.0 ... HLP Hilina Pali 0.12 192 P/IAML Pg 19 04 14.9 ... HLP Hilina Pali 0.12 192 IAML Pg 19 04 15.1 ... MLH Mauna Loa 0.13 310 P/IAML Pg 19 04 12.1 +1.2 ... MLH Mauna Loa 0.13 310 IAML Pg 19 04 14.8 ... MLH comp=N,60nm,0.6s IAML Pg 19 04 15.4 ... STCH Steam Cracks 0.15 100 P/IAML Pg 19 04 11.4 +0.1 ... STCH comp=E,19nm,0.6s IAML Pg 19 04 15.1 ... STCH comp=N,9nm,0.7s IAML Pg 19 04 16.1 ... JOKA Jonika Flow 0.26 85 IAML Pg 19 04 21.6 ... JOKA comp=N,11nm,0.7s IAML Pg 19 04 21.6 ... HMM Humu'ula Sheep 0.27 315 IAML Pg 19 04 13.7 +0.2 ... HMM comp=N,8nm,0.6s IAML Pg 19 04 22.7 ... MLOA Mauna Loa Obs 0.30 294 IAML Pg 19 04 23.4 ... PAH Pahoa 0.33 75 P Pg 19 04 15.2 +0.6 ... KHU Kahuku 0.35 242 P Pg 19 04 15.3 +0.1 ... POHA Pohakuloa 0.42 326 P Pg 19 04 15.9 -0.5 ... HUH Hualalai 0.59 298 P Pg 19 04 19.9 +0.2 ... HPAH Hawaii Prepara 0.73 328 P Pg 19 04 21.2 -1.2 ... HLK Haleakala 1.62 326 Pn Pg 19 04 35.4 -3.0 ... KHLH Kahului Airport 1.83 324 P Pg 19 04 38.0 -3.0 ... NEIC 06 19:10:55.4z-1.0,19.391N-0.009z-155.277W-0.007, h3km,1km, Error ellipse: s-maj=1.3km s-min=0.9km ... HVO 06 19:10:55.0z-0.8,19.401N-0.009z-155.282W-0.007, h1km,3km,ML3.1/45,ML3.1/39(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=187.0, Hawaiian Islands ... Code Station Name Δ° AZ° Phase ID Time Res h m s ISC RIM Rim 0.01 130 P Pg 19 05 52.4 +0.7 ... KKO Keanakea 0.01 103 P Pg 19 05 56.0 +0.4 ... OBL Observatory Le 0.02 351 P Pg 19 05 56.0 +0.4 ... UWE Uwekahuna 0.02 332 P Pg 19 05 57.1 +1.4 ... BYL Byron's Ledge 0.02 62 P Pg 19 05 58.0 +0.4 ... UWB Uwekahuna B 0.02 8 P Pg 19 05 58.9 +1.2 ... HATHI Halema'u'u T 0.03 42 P Pg 19 05 56.0 +0.3 ... SBLH Steaming Bluff 0.03 26 P Pg 19 05 57.2 +1.6 ... RSD Rainshead 0.06 3 P Pg 19 05 57.0 +0.6 ... PAUH Pauahi 0.07 114 P Pg 19 05 56.8 +0.4 ... PAUH comp=E,9nm,0.9s IAML Pg 19 05 57.7 ... HLP Hilina Pali 0.11 193 P Pg 19 05 58.1 +1.0 ... HLP Hilina Pali 0.11 193 IAML Pg 19 05 58.8 ... HMM comp=N,9nm,0.7s IAML Pg 19 11 00.5 ... KHHH Kane Nui o Ham 0.11 102 P Pg 19 05 58.0 +0.8 ... MLH Mauna Loa 0.14 313 IAML Pg 19 05 58.7 +0.9 ... MLH comp=E,7nm,1.0s IAML Pg 19 05 02.0 ... STCH Steam Cracks 0.15 242 P/IAML Pg 19 05 58.6 +0.7 ... STCH Steam Cracks 0.15 96 IAML Pg 19 11 00.8 ... STCH comp=E,8nm,0.6s IAML Pg 19 11 02.2 ... STCH comp=N,8nm,1.0s IAML Pg 19 11 00.2 +0.1 ... JOKA Jonika Flow 0.26 83 IAML Pg 19 11 07.8 ... HMM comp=E,2nm,2.4s IAML Pg 19 11 01.3 +0.9 ... HMM Humu'ula Sheep 0.28 317 IAML Pg 19 11 09.2 ... HMM comp=N,2nm,0.7s IAML Pg 19 11 09.3 ...

6d 21h

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

NEIC 06:20:03:59.2.0.12.84S:0.06:45.6E:0.1, h10km, mb4.5/10, Error ellipse: s-maj=20.9km s-min=9.4km az=281.0

IDC 06:20:04:00.8.0.17.92S:45.62E, h0km, mb3.8/14, mblmp3.9/16, ML4.3/3, MS3.8/8, Error ellipse: s-maj=23.0km s-min=16.2km az=82.0

ISC 06:20:04:00.6.0.5.12.94S:0.06:45.63E:0.08, h10km, n51, az=13/46, mb4.0/18, MS4.0/7, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPO Ambohidratropom, ABPO Ambohimpanom, VOI Vohitsoka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBAR Mbarara, MBAR Mbarara, LODK Lodwar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POGA Pongola, POGA Pongola, LBTT Lobatse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTT Lobatse, LBTT Lobatse, BOSA Boshof, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAAI Mount Meron Arr, TORD Torodi Arr, GEYT Ailbeck, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAW Mawson, CHGR Chuyangaron, AGG Agios Georgios, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, GERES Geres Array B, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIRV Kirov, KAPI Kappan, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, EKA Eskdalemuir A, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BORG Borgarnes, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:20:12:00.4.1.1, 23.06N:101.12E, h0km, mb3.4/5, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BORG Borgarnes, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:20:12:01.9.1.2, 23.11N:101.2E:0.12, h10km, n6, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BORG Borgarnes, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:20:12:00.4.1.1, 23.06N:101.12E, h0km, mb3.4/5, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BORG Borgarnes, TXAR Lajitas Array, etc.

2018 JUN

AZER 06:20:22:12.4.38.44N:46.72E, h15km, ml2.6, TEH 06:20:22:13.4.38.44N:46.74E, h12km, ML2.5, ISC 06:20:22:13.3.1.0.38.42N:0.03:46.72E:0.02, h12km, 10km, n27, az=92/44, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IHRH Heris, ITBZ Tabriz, ITBZ Tabriz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMRD Marand, ISHB Shabestar, IAZR Azarshahr, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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comp=E,2um,0.5s JOKA JOKA 0.42 77 IAML Pg 20 25 56.2 -7.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOKA JOKA, POHA Pohakuloa, POHA Pohakuloa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POHA Pohakuloa, PAH Pahalos, HUH Hualalai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUH Hualalai, HPAH Hawaii Prepara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPAH Hawaii Prepara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BYL Byron's Ledge, HATHI Halema'uma'u T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBL Observatory Le, SBLH Steaming Bluff, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UWB Uwekahuna B, KANAKAKO I, RIM Rim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UWE Uwekahuna, RSD Rainshead, PUH Pauahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUH Pauahi, PUH Pauahi, KNHH Kane Nui o Ham, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNHH Kane Nui o Ham, HLP Hilina Pali, HLP Hilina Pali, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HLP Hilina Pali, MLH Mauna Loa, MLH Mauna Loa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLH Mauna Loa, MLOA Mauna Loa Obs, MLOA Mauna Loa Obs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLOA Mauna Loa Obs, MWH Moku'aweo, PAH Kahuku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAH Kahuku, KHU Kahuku, KHU Kahuku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHU Kahuku, POHA Pohakuloa, HUH Hualalai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUH Hualalai, HPAH Hawaii Prepara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPAH Hawaii Prepara, ERNS Erzin, ERNS Erzin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERNS Erzin, TEL Teeli, TEL Teeli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEL Teeli, CUR Chagan-Uzun, CUR Chagan-Uzun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUR Chagan-Uzun, DGZ Jazzator, Alta, DGZ Jazzator, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGZ Jazzator, ULGR Ulagan, Altay, ULGR Ulagan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULGR Ulagan, CHBI Chibit, Altay, CHBI Chibit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHBI Chibit, DJO Djov, Khakassi, DJO Djov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DJO Djov, CERR Cheremushki, CERR Cheremushki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CERR Cheremushki, YALR Yailiyu, Altay, YALR Yailiyu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YALR Yailiyu, ARTR Artybashi, ARTR Artybashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARTR Artybashi, ELDR Elanda, ELDR Elanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELDR Elanda, IDC 06:21:19:04.7.0.8, 21.83N:121.55E, h0km, mb3.7/15, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:08.1.7.22, 15N:0.04:121.48E:0.07, h10km, 1km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:09.3.22, 09N:121.40E, h19km, ML4.2, MW4.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:09.2.0.7, 22.05N:0.03:121.46E:0.02, h42km, 5km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:09.2.0.3, 22.2N:1.1E:121.60E, h0km, MW3.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:09.2.0.3, 22.2N:1.1E:121.60E, h0km, MW4.1/19, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 06:21:19:09.2.0.3, 22.2N:1.1E:121.60E, h0km, MW4.1/19, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like LDUT Ludao, EAST Anshuo, HEN Hengchun, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like WJS Zhushan, SMLT Sun Moon Lake, ETM Tongmen, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like SONM, MK31 Makanchi Array, PMG Port Moresby, etc.

IDC 06 21:24:14.3:20.0, 21:96S:179.51W, h415km, 181km, mb2.7/2, mbmp3.5/2, Error ellipse: s-maj=195.9km s-min=81.5km az=142.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, etc.

JMA 06 21:26:02.9:0.5, 47°N, 2°14'22"E, h5km, MV3.1/12, SOUTH SAKHALIN SKHL 06 21:26:04.7:0.2, 46:80N:142:00E, h13km, 2km, mb4.4/6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NEVR Nevel sk, KHLM Kholmok, etc.

IDC 06 21:32:33.5:3.5, 10:31S:112:26E, h0km, mb3.3/3, mbmp3.3/3, MS2.5/1, Error ellipse: s-maj=183.5km s-min=30.2km az=46.0

DJA 06 21:32:34.0:0.6, 11°S:7°11'22"E, h10km, M4.2/12, mb4.1/4, MLV4.2/12

6d 22h

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

NEIC 06 21:36:37.2±1.1, 19°39N, 0°11'155.270W, 0°008, h0km, 1km, Error ellipse: s-maj=1.5km s-min=1.0km

HVO 06 21:36:37.0±0.7, 19°40N, 0°006.155'282W, 0°009, h1km, 4km, ML3.1/42, ML3.0/36(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=78.0, Hawaiian Islands

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

IDC 06 21:41:30.5±1.7, 9.85S, 125°90E, h0km, mb3.6/2, mbtmp3.6/5, ML3.4/3, MS2.9/1, Error ellipse: s-maj=44.6km s-min=30.5km az=47.0, Timor region

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

IDC 06 21:45:13.3±1.5, 14°33N, 93°45W, h0km, mb4.0/4, mbtmp3.8/7, ML2.8/3, MS2.8/1, Error ellipse: s-maj=28.2km s-min=17.2km az=23.0

MEX 06 21:45:18.1±0.7, 14°30N, 93°52W, h10km, MD4.2

ISC 06 21:45:18.3±0.5, 14°23N, 0°06.93'52W, 0°003, h9km, 23km, n29, c200/53, mb4.0/4, Near coast of Chiapas

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

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

RSNG 06 21:54:22.1±0.0, 7°N, 1°7'6W, h2km, 2km, M3.0, mb4.3, ML3.0, Northern Colombia

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

RSNG 06 21:54:22.1±0.0, 7°N, 1°7'6W, h2km, 2km, M3.0, mb4.3, ML3.0, Northern Colombia

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

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

IDC 06 22:25:07.2±1.8, 3.03N, 124°17E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=192.9km s-min=25.4km az=63.0, Celebes Sea

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

IDC 06 22:37:45.2±4.2, 2.3°10S, 178°14W, h0km, mb4.1/2, mbtmp4.1/2, MS3.1/1, Error ellipse: s-maj=227.2km s-min=38.5km az=153.0, South of Fiji Islands

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

IDC 06 22:47:07.4±1.1, 1°79S, 139°49E, h0km, mb4.2/10, mbtmp4.2/11, ML4.8/2, MS3.3/4, Error ellipse: s-maj=42.4km s-min=19.0km az=87.0

DJA 06 22:47:09.8±1.1, 4°S, 10°14'E, h10km, MA.7/5, mb5.0/2, MLV4.5/5

NEIC 06 22:47:13.5±0.9, 1°89S, 0°07'139'2E, 0°1, h35km, 1km, mb4.5/21, Error ellipse: s-maj=22.3km s-min=10.9km

ISC 06 22:47:13.4±0.6, 1°81S, 0°08'139'15E, 0°06, h35km, n54, c1831/49, mb4.3/20, Near north coast of Irian Jaya

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

WAKE ISLAND Hy 33.78 52 T 23 29 37.9

WAKE ISLAND Hy 33.79 52 T 23 29 32.3

WAKE ISLAND Hy 33.79 52 T 23 29 35.3

Hachiojima 2 34.74 1 LR 23 06 44.9

MORWA Morawa 34.93 104 LR 22 54 01.8 -0.2

Narrozini (SRO) 37.18 211 LR 22 54 36.8

IPM Ipo 38.61 279 P 22 54 32.8 -0.8

KULM Kulim 39.10 281 P 22 54 36.8 -1.2

Rantau Prapat 40.47 276 P 22 54 48.7 -0.3

GSI Gunungstilet 41.69 274 P 22 54 58.0 -1.2

Phrae 43.28 300 P 22 55 18.2 0.0

Chiangrai 43.87 302 P 22 55 16.8 0.0

Chiang Mai Arr 44.38 299 P 22 55 20.5 -0.4

Chiang Mai Arr 44.38 299 P 22 55 21.9 +0.9

Shillong 53.19 304 P 22 56 28.2 -0.5

Makanchi Array 69.35 322 P 22 58 18.1 +0.5

Makanchi Array 69.35 322 P 22 58 18.6 +1.1

Makanchi 69.55 322 P 22 58 19.1 +0.3

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GEYT, ALIBeck, and ABKAR.

IDC 06 23:08:58.0.0.4.55:08S:126:85W,h0km,mb4.7/13, mImp4.7/13,MS4.8/37, Error ellipse: s-maj=19.6km s-min=13.8km az=158.0

NEIC 06 23:09:00.0.0.0.55:00S:126:60W,h10km,Ms5.1/2, Ms7.4/94

GCMT 06 23:09:04.0.0.1.55:25S:0101:126:66W:0.01,h19km, MW5.2/134, Moment Tensor Solution. s77,c106;

ISC 06 23:09:00.3.0.3.55:01S:008:126:71W:0.06,h10km, n464,s19:06/372,mb5.2:18S,MS4.9/111,8C-7D, Southern East Pacific Rise

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations like PMSA, MG03, SBA, VNSA, etc.

Main table of seismic stations (continued) with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like TROLL, HOPE, ELIB, PB15, etc.

Main table of seismic stations (continued) with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like HPIG, HSG, FITZ, PSA00, etc.

Table with columns: QZ4A, YBH, LB7B, PDAR, KAPI, R32K, BCPM, O30N, ISLE, P18K, BARN, FID, O22K, O18K, MCARA, O16K, M31M, KLU, O14K, KNK, M29M, YKA, N19K, SCM, M17K, N28K, SUA, N17K, SML, N15K, L29M, L26K, M16K, M17K, M29K, L16K, L18K, K27K, SCRK, SCRK, L14K, TRF, KTH, CAST, J26L, J26L, K20K, K17K, EGAK, HDA, K15K, I30M, J25K, J25K, K13K, J18K, J18K, J18K, I26K, I26K, COLA, J17K, MDM, I27K, POKR, J16K, J16K, J14K, J14K, H2P, H2P, EPYK, I20K, H27K, I17K, I17K, H23K

Table with columns: H23K, G30M, G29M, H21K, G27K, H22K, H20K, TORD, H18K, H18K, H17K, H17K, G23K, G23K, G23K, F28M, F28M, G21K, ANM, ANM, G17K, G18K, G19K, G19K, G22K, F26K, F25K, G16K, F24K, E29M, E27K, E27K, GAMB, F21K, E25K, E28M, F20K, F22K, F19K, F15K, E24K, F17K, F17K, E22K, E19K, D28M, D27M, PETK, TOLK, TOLK, TOLK, E17K, E18K, E18K, E21K, E21K, D25K, E20K, D24K, D24K, D23K, C27K, C27K, C26K, D17K, D19K, D19K, D20K, C24K, C21K, RD0G, RD0G, C23K, C18K, B21K, C19K, C16K, C16K, B22K, B22K, B20K, A36M, A36M, A22K

Table with columns: A19K, NJ2, CMAR, TAM, PZH, XAN, CD2, ESDC, ESDC, HHC, CEST, TIXI, TIXI, GTA, DSB, GOMU, GOMU, ULN, ULN, DAG, SOHM, SOHM, RAYN, ESK, EKA, BNI, CASP, DOU, BMRD, GML, CESI, TIP, BCLA, TUE, MEB, BTNL, BFO, FUORN, TEOL, DHRM, DAVA, IDI, CTI, FETA, RETA, SQT, MOTA, WTTA, WATA, GHJA, ABTA, SABO, LESA, MYKA, GRF, GRF, KBN, OBKA, OBKA, BIOA, BIOA, SOKA, SOKA, MOX, MOX, GERES, GERES, WMQ, WMQ, ARSA, CLL, CLL, CONA, CONA, RONA, RONA, KRUC, VRAC, NB2, NB2, NOA, MORC, HFS, BRTR, BRTR, BRTR, BRTR, BR13, MKAR, MKAR, MKAR, MKAR, MKAR, MLR, BOOM, ZALV, ZALV, KURBB, KURBB, FINES, AKASG, AKASG, KBZ, BVAR

HVO 06 23:24:38.9.0.7, 19.42141n.0:008:155:289W.0:006, h-qkm,2km, ML3.1/40,ML3.0/27(NEIC), Error ellipse: s-maj=3.0km s-min=1.3km az=143.0

HVO 07 00:25:16.7-0.8, 19°40'2N-0°07'15.5'267W-0°00'08.0, h1km,4km,ML3.1/45,ML3.0/40(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=133.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KKO, RIM, BYL, HATHI, OBL, SBLHI, UWB, UWE, PUH, RSD, RSHD, KNHH, HLP, STCH, MLOA, MLH, NPOC, JUJZ, HTC, JOKA, JOKA, JOKA, HMH, HMH, PAH, MLOA, MLOA, MLOA, MWH, KHU, KHU, POHA, POHA, HUH, HPAH, HPAH.

NEIC 07 00:26:03.3-0.4, 19°41'0N-0°00'55.5'277W-0°00'06.0, h1km,3km, Error ellipse: s-maj=1.0km s-min=0.6km az=129.0

HVO 07 00:26:02.7-0.5, 19°41'8N-0°00'59.5'275W-0°00'06.0, h1km,Md2.8/6,ML3.1/29(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=188.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like UWB, OBL, SBLHI, HATHI, BYL, UWE, UWE, RIM, RSD, PUH, PUH, PUH, KNHH, HLP, HLP, HLP, MLH, MLH, STCH, STCH, JOKA, JOKA, HMH, MLOA, MLOA, MLOA, MWH, KHU, KHU, HUH, HUH.

NEIC 07 00:33:31.1±0.9, 19°39'N-0°01'15.5'284W-0°01'14km±1km, Error ellipse: s-maj=1.7km s-min=1.3km az=160.0

HVO 07 00:33:30.8±0.3, 19°41'6N-0°01'01.5'284W-0°01'14km±1km, Error ellipse: s-maj=1.5km s-min=1.4km az=162.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like OBL, UWB, SBLHI, UWE, UWE, BYL, HATHI, HATHI, RIM, RSD, RSD, PUH, PUH, PUH, KNHH, HLP, HLP, HLP, MLH, MLH, MLH, STCH, STCH, STCH, STCH, STCH.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JOKA, JOKA, HMH, HMH, MLOA, MLOA, MWH, KHU, KHU, KHU, ALEP, HUH.

NEIC 07 00:47:58.4±1.0, 19°41'5N-0°01'01.0'278W-0°00'06.0, h5km,1km, Error ellipse: s-maj=2.4km s-min=1.4km az=196.0

HVO 07 00:47:57.9-0.7, 19°41'0N-0°00'17.5'283W-0°00'07.0, h1km,1km,ML2.5/33,ML2.3/38(NEIC), Error ellipse: s-maj=1.1km s-min=0.9km az=209.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like OBL, UWE, UWE, UWB, RIM, KKO, BYL, SBLHI, HATHI, RSD, RSD, RSD, RSD, RSD, KNHH, HLP, HLP, HLP, MLH, MLH, STCH, STCH, STCH, STCH, STCH, HTK, JOKA, JOKA, JOKA, HMH, HMH, MLOA, MLOA, MLOA, MWH, KHU, KHU, POHA, HUH.

NEIC 07 00:50:17.4±0.7, 19°39'N-0°01'15.5'284W-0°00'09.0, h5km,1km, Error ellipse: s-maj=1.6km s-min=1.2km az=152.0

HVO 07 00:50:17.1-0.4, 19°40'1N-0°00'6.5'281W-0°00'09.0, h1km,1km,ML2.7/21,ML2.6/26(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=108.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RIM, OBL, BYL, UWE, UWE, UWE, UWB, HATHI, HATHI, SBLHI, RSD, PUH, PUH, PUH, HLP, HLP, HLP, KNHH, MLH, MLH, MWH, KHU, KHU, HUH.

NEIC 07 00:50:55.8±0.7, 19°39'N-0°01'15.5'295W-0°00'07.0, h3km,2km, Error ellipse: s-maj=1.7km s-min=0.9km az=165.0

HVO 07 00:50:55.3±0.5, 19°41'N-0°01'15.5'291W-0°00'07.0, h0km,3km,ML3.4/9,ML2.7/30(NEIC), Error ellipse: s-maj=1.9km s-min=1.0km az=176.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like OBL, UWE, UWB, SBLHI, BYL, HATHI, HATHI, RSD, RSD, RSD, RSD, RSD, HUH.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PUH, PUH, HLP, HLP, KNHH, MLH, MLH, MLH, STCH, STCH, STCH, HMH, HMH, HMH, HMH, JOKA, JOKA, MLOA, MLOA, MLOA, MWH, KHU, HUH.

SOME 07 01:13:05.7, 41°32'N-83°48'E, h25km, NNC 07 01:13:09.3±1.9, 41°57'N-83°37'E, h0km,mb3.8,mpv3.4, Error ellipse: s-maj=17.7km s-min=11.8km az=15.0

ISC 07 01:13:04.9±2.1, 41°55'N-83°39'E, h10km,n33, e1988/43, Southern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KTMS, KTMS, KTMS, SHLS, SHLS, SHLS, PDGK, PDGK, UZB, UZB, UZB, UZB, DJR, DJR, DJR, DJR, SATY, SATY, SATY, SATY, KNOS, KNOS, KURS, KURS, KURS, BLB, BLB, ARXS, ARXS, ARXS, ARXS, MDOK, MDOK, MDOK, MDOK, TNSS, TNSS, TNSS, TNSS, IZV, IZV, IZV, IZV, KTBS, KTBS, KTBS, KST, KST, KST, DGS, DGS, DGS, DGS, ZSN, ZSN, ZSN.

7d 1h

Table with columns: ZSN, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRBS Karabastau, LVC Limon Verde, etc.

SCB 07 01:15:36.6:0.9,21.43S:68.13W,h111km,23km,ML2.9/2, MW3.2, Error ellipse: s-maj=4.8km s-min=3.1km az=0.0

Main table for SCB region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB09 IPOC Station P, LVC Limon Verde, etc.

SOME 07 01:39:09.4,41.18N:83.50E,h0km NNC 07 01:39:12.9,1.0,41.31N:83.47E,h0km,mb3.9,mpv3.6

Main table for SOME region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SOEO Opoqueri, PB12 IPOC Station P, etc.

DJA 07 01:40:14.9:1.0,2.5S:4.120E,h225km,16km,ML4.0/9, MLV4.0/9,Sulawesi

Main table for DJA region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARXS Arharly, MDOK Medeo, etc.

ISK 07 01:56:22.7,36.17N:31.97E,h84km,ML2.7/26 NIC 07 01:56:24.4,36.22N:32.06E,h40km,34km,ML2.3/8

Main table for ISK region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GAZI Gazipasa, BKB Balikpapan, etc.

Main table for SEYD region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SEYD Seydisehir-KON, OREN Orekyo-Mersin, etc.

AFYV 07 01:56:22.5:1.2,36.19N:0.003:31.96E:0.02,h89km,7km, n104,r1540/137,3C,Turkey

Main table for AFYV region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GAZI Gazipasa, BKB Balikpapan, etc.

Table with columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes entries for Mount Meron ar, GEM, NATI, etc.

NEIC 07 02:05:51.2±1.2, 19.39N±0.01±155.286W±0.007, h3km±2km, Error ellipse: s-maj=1.6km s-min=0.9km az=179.0

HVO 07 02:05:50.6±1.0, 19.40N±0.01±155.280W±0.007, h1km±4km, ML3.0/42, ML2.9/32(NEIC), Error ellipse: s-maj=1.6km s-min=0.9km az=175.0, Hawaiian Islands

Main table for NEIC and HVO stations. Columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes Rim, KKO, OBL, etc.

CATAC 07 02:06:04.3±0.4, 14.66N±0.07±87W, h4km±2km, ML3.0 GCG 07 02:06:04.4±1.4, 14.65N±0.08±82W, h18km±2km, MD3.1

Table for CATAC and GCG stations. Columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes FUG, GUMI, GCG4, etc.

NEIC 07 02:06:38.6±1.3, 19.36N±0.02±155.26W±0.01, h5km±1km, Error ellipse: s-maj=3.4km s-min=2.1km az=153.0

IDC 07 02:06:38.6±1.6, 19.40N±155.45W, h0km, mb±0.9, mbmp±0.9, MS4.7/69, Error ellipse: s-maj=50.4km s-min=29.8km az=148.0

HVO 07 02:06:38.7±1.1, 19.41N±0.009±155.282W±0.009, h0km±4km, ML4.0/38, ML3.8/41(NEIC), Mww5.4/18(NEIC), Error ellipse: s-maj=1.4km s-min=1.1km az=155.0

NEIC 07 02:06:38.7±1.9, 19.41N±155.13W, h12km, Moment Tensor Solution, Duration: 25 Moment tensor: Scale 107N/m; Mn=1.42; Mw=0.58; M0=0.84; Mw=0.12; Nk=0.57; Mw=0.04; Fault plane solution: M1: 3.6000x10^17 Np; q=214.31000°, s=4.4, 19000°, λ=96.21000°, NP2: q=42.95000°, s=4.6, 14000°, λ=83.90000°. Principal axes: T: 1.2930, P1g: 1.0000, Azm: 129.0000; N: 0.1331, P1g: 4.0000, Azm: 219.0000; P: -1.4261, P1g: 86.0000, Azm: 26.0000;

NEIC 07 02:06:38.7±1.9, 19.41N±155.24W, h12km BUJ 07 02:06:39.0±0.0, 19.40N±155.30W, h10km, mb5.1/15, mb5.2/18, Ms5.2/29, Ms7.5/30

ISC 07 02:06:39.4±0.8, 19.43N±0.03±155.27W±0.02, h2km±4km, n434, s1916/379, mb4.2/13, MS4.7/81, 2C, Hawaiian Islands

Table for ISC stations. Columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes HLP, HLP, STCH, etc.

Main table for ISC stations. Columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes SBLHI, HATHI, HATHI, etc.

Main table for ISC stations. Columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes P18K, P14K, O14K, etc.

7d 2h

Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like M26K Nabesna, AK, P33M Teslin, Yukon, M27K Edge Creek, AK, etc.

2018 JUN

Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like G21K Allakaket, I28M Miner Creek, F17K Baldwin Pennin, etc.

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Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like MDND Maddock, 435B Jarell, WHTX Lak Whitney, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like HNS HongShan, STKA Stephens Creek, WRA Warrunguna Arr, etc.

BJI 07 02:09:02.1±0.0,5:63N;125:68E,h212km,mb4.6/44, m4.5/21
DJA 07 02:09:04.0±0.0,6:12N;125:6E,h196km,2km,M4.8/31, mb4.8/31,mb5.3/25,MLv5.1/3,Mw(mB)4.7/25, Mw(Mw)6.6/1,Mwp6.5/1
IDC 07 02:09:04.0±0.0,5:75N;125:50E,h205km,3km,mb4.1/30, mbmp4.6/31, Error ellipse: s-maj=12.0km s-min=6.5km az=80.0
NEIC 07 02:09:04.6±1.8,5:77N;0:06:125:56E;0:10,h201km,6km, mb4.7/168, Error ellipse: s-maj=13.8km s-min=9.2km az=83.0
ISC 07 02:09:03.8±0.3,5:77N;0:04:125:59E;0:05,h200km,n537, +1507/505,mb4.7/40,2C,Milandano

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like DAV Davao City (W), SGTI Sangihe, TMT Ternate, etc.

Main table with columns: Station Name, Time, Res, and various codes. Includes stations like TOLIZ Tolitoli, MYLID Lahad Datu, LUWI Luwuk, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like JMN Monobe, CMAR Chiang Mai Arr, CMAR comp=Z,2.3nm,0.3s, etc.

GTA	comp=Z,160nm,19.5s	LR	LR						
GTA	comp=Z,250nm,17.5s	LR	LR						
H1S3	comp=Z,110nm,16.3s WAKE ISLAND Hy 42.01	69	T					03 01 26.9	
H1S1	baz=253,SNR=6.4 WAKE ISLAND Hy 42.02	69	T					03 01 26.3	
H1S2	baz=253 WAKE ISLAND Hy 42.02	69	T					03 01 23.4	
H1N1	baz=255 WAKE ISLAND Hy 42.46	67	T					03 01 58.2	
H1N2	baz=255 WAKE ISLAND Hy 42.47	67	T					03 02 18.2	
H1N3	baz=255 WAKE ISLAND Hy 42.48	67	T					03 02 04.2	
ARMA	Armidale	43.79	147	P	P			02 16 51.0 +1.0	
ARMA	comp=Z,22nm,1.2s			Iamb	Iamb			02 17 26.0	
SOMN	Songino Array	45.01	342	P	P			02 16 59.4 -0.1	
SOMN	Songino Array	45.01	342	P	P			02 16 59.4 -0.1	
SOMN	comp=Z,1.6nm,0.7s, baz=197,slow=9.5,SNR=10			PcP	PcP			02 18 37.3 +0.3	
SOMN	comp=Z,0.9nm,0.5s, baz=162,slow=4.4,SNR=2.2			ScP	ScP			02 22 09.2 -1.3	
SOMN	comp=Z,1.8nm,0.9s, baz=162,slow=4.4,SNR=5.7			ScP	ScP			02 22 09.2 -1.3	
PEA0B	Petropavlovsk- Petropavlovsk- Petropavlovsk- Petropavlovsk- 54.00 23 P P 54.00 23 P P 54.00 23 P P 54.00 23 P P							02 18 08.4 +1.2 02 18 07.7 +0.6 02 18 07.9 +0.8	
PEA0B	comp=Z,2.0nm,0.6s, baz=197,slow=2.6,SNR=40			PcP	PcP			02 18 15.7 -0.5	
PEA0B	comp=Z,2.0nm,0.6s, baz=197,slow=2.6,SNR=40			PcP	PcP			02 18 17.3	
PEA0B	comp=Z,7.5nm,0.7s			Iamb	Iamb			02 18 15.8 -0.4	
PEA0B	comp=Z,9.3nm,0.5s, baz=123,slow=8.2,SNR=119			PcP	PcP			02 18 16.0 -0.2	
PEA0B	comp=Z,4.3nm,0.7s, baz=124,slow=5.7,SNR=5.6			ScP	ScP			02 19 14.2 -0.4	
PEA0B	comp=Z,2.0nm,0.7s, baz=113,slow=4.8,SNR=7.9			ScP	ScP			02 22 52.1 -2.1	
PEA0B	comp=Z,9.9nm,0.8s			Iamb	Iamb			02 18 17.7 +0.2	
PEA0B	comp=Z,9.9nm,0.8s			Iamb	Iamb			02 18 18.6	
PEA0B	comp=Z,9.9nm,0.8s			Iamb	Iamb			02 18 22.8 0.0	
PEA0B	comp=Z,9.9nm,0.8s			Iamb	Iamb			02 18 35.9 -1.9	
PEA0B	comp=Z,9.9nm,0.8s			Iamb	Iamb			02 18 35.9 -1.4	
KURBB	Kurchatov Arra	59.42	327	P	P			02 18 44.9 -0.3	
KURBB	comp=Z,5.9nm,0.5s, baz=128,slow=6.7,SNR=86			PcP	PcP			02 19 31.5 +0.7	
KURBB	comp=Z,5.5nm,1.1s, baz=129,slow=5.8,SNR=6.5			ScP	ScP			02 23 09.8 -2.7	
KURBB	comp=Z,0.3nm,0.5s, baz=102,slow=4.5,SNR=1.0			PcP	PcP			02 18 45.0 -0.2	
KURBB	comp=Z,5.9nm,0.5s			Iamb	Iamb			02 18 45.8	
KURK	Kurchatov	59.42	327	P	P			02 18 45.0 -0.2	
KURK	comp=Z,12nm,0.6s			Iamb	Iamb			02 18 45.8	
GAR	Garm	59.72	312	P	P			02 18 47.0 -0.7	
GAR	comp=Z,12nm,0.9s			Iamb	Iamb			02 18 58.6	
KK31	Karatay Array	60.97	317	P	P			02 18 56.1 +0.1	
KKAR	Karatay Array	60.97	317	P	P			02 18 55.8 -0.2	
QRZ	Quartz Range	63.23	142	P	P			02 19 11.8 +0.9	
AMKA	Amchitka	63.45	34	P	P			02 19 12.6 +0.3	
MRNZ	Matariki Terra	62.70	142	P	P			02 19 15.3 +1.3	
LBZ	Lake Benmore	64.00	146	P	P			02 19 16.9 +0.9	
LTZ	Lake Taylor	64.22	143	P	P			02 19 18.5 +1.0	
RTZ	Ruatana	64.90	137	P	P			02 19 22.8 +0.8	
BVAR	Borovoye Array	65.00	327	P	P			02 19 21.6 -0.7	
BVAR	comp=Z,1.7nm,0.3s, baz=65,slow=4.5,SNR=17			PcP	PcP			02 19 21.6 -0.7	
BVAR	comp=Z,1.7nm,0.3s			Iamb	Iamb			02 19 26.9 -0.4	
TIXI	Tiksi	65.83	1	P	P			02 19 27.7	
TIXI	comp=Z,12nm,0.9s			Iamb	Iamb			02 19 31.8 +0.6	
GSTR	Great Sitkin T	66.38	35	P	P			02 19 38.0 -0.1	
ATKA	Atka Island	67.48	35	P	P			02 19 46.2 -0.1	
GEYT	Alibek	68.74	308	P	P			02 19 46.2 -0.1	
GEYT	comp=Z,0.8nm,0.4s, baz=142,slow=7.3,SNR=1.8			PcP	PcP			02 19 52.1 -0.8	
ABKAR	Abkudlak array	70.17	36	P	P			02 19 55.5 +0.8	
CLES	Cleveland East	70.17	36	P	P			02 19 58.6 0.0	
NIKH	Nikolski High	70.82	36	P	P			02 20 03.0 +0.3	
P08K	Saint George I	71.52	32	P	P			02 20 08.2 +0.2	
UNV	Unalaska Valle	72.41	35	P	P			02 20 08.2 +0.2	
ARU	Art	72.61	328	P	P			02 20 07.9 -1.3	
GAMV	Casey	73.70	106	P	P			02 20 09.7 +0.3	
CASB	Gambell	73.01	24	P	P			02 20 11.8 +0.4	
M11K	Mekoryuk	74.33	29	P	P			02 20 19.5 +0.4	
S12K	Black Hills	75.34	34	P	P			02 20 25.6 +0.6	
K13K	Kusilvak Mount	75.47	27	P	P			02 20 26.7 +1.1	
M13K	Dall Lake	75.70	29	P	P			02 20 28.0 +1.0	
F14K	Arctic Creek	75.77	24	P	P			02 20 28.1 +0.8	
ANM	Nome	75.89	25	P	P			02 20 28.6 +0.7	
SDPT	Sand Point	76.16	34	P	P			02 20 29.4 -0.2	
SDPT	Sand Point	76.16	34	P	P			02 20 30.2 +0.6	
J14K	Nanvananak Lak	76.18	27	P	P			02 20 30.6 +1.0	
L14K	Kuka Creek	76.24	28	P	P			02 20 30.8 +0.9	
L14K	comp=Z,19nm,1.1s			Iamb	Iamb			02 20 32.4	
L14K	comp=Z,19nm,1.1s			Iamb	Iamb			02 20 30.9 +0.9	
L14K	comp=Z,19nm,1.1s			Iamb	Iamb			02 20 32.0 +1.1	
M14K	Bethel	76.44	29	P	P			02 20 32.4 +1.3	
O14K	Tiguykaiuvet M	76.47	30	P	P			02 20 32.4 +1.1	
G15K	Niukluk	76.56	24	P	P			02 20 32.6 +0.9	
CHNA	Chernabura Isl	76.57	35	P	P			02 20 32.4 +0.4	
S14K	Fog Glacier	76.83	34	P	P			02 20 33.8 +0.3	
L15K	Ungalak Mounta	76.87	28	P	P			02 20 34.3 +0.8	
K15K	Wolf Creek Mou	76.98	27	P	P			02 20 33.8 -0.4	
K15K	comp=Z,11nm,1.0s			Iamb	Iamb			02 20 36.6	
K15K	Wolf Creek Mou	76.98	27	P	P			02 20 34.9 +0.8	
C16K	Lisburne Hills	76.99	21	P	P			02 20 35.0 +1.0	
M15K	Kasigluk River	77.05	29	P	P			02 20 35.5 +0.9	
O15K	Unalaglikthuk R	77.18	31	P	P			02 20 36.2 +0.8	
H16K	Elm	77.21	25	P	P			02 20 36.5 +1.2	
N15K	Kwethluk River	77.23	30	P	P			02 20 35.2 -0.4	
N15K	comp=Z,19nm,1.0s			Iamb	Iamb			02 20 37.9	
N15K	Kwethluk River	77.23	30	P	P			02 20 36.6 +1.0	
G16K	Koyuk River	77.34	24	P	P			02 20 37.1 +1.0	
CHGN	Chignik	77.46	34	P	P			02 20 36.3 -0.5	
CHGN	Chignik	77.46	34	P	P			02 20 37.2 +0.4	
J16K	Anvik River	77.61	26	P	P			02 20 38.6 +1.0	
D17K	Noatak River	77.65	22	P	P			02 20 39.1 +1.3	
I17K	Unalakleet	77.70	26	P	P			02 20 39.3 +1.3	
RDOG	Red Dog Mine	77.80	21	P	P			02 20 39.2 +0.6	
L16K	Owhat River	77.82	28	P	P			02 20 38.4 -0.4	
L16K	comp=Z,15nm,1.1s			Iamb	Iamb			02 20 41.0	
L16K	Owhat River	77.82	28	P	P			02 20 39.9 +1.1	

C17K	DeLong Mountai	77.82	21	P	P			02 20 39.8 +1.1	
N16K	Nishik Lake	77.94	29	P	P			02 20 40.9 +1.4	
M16K	Timber Creek	77.94	29	P	P			02 20 39.6 +0.1	
M16K	comp=Z,16nm,0.9s			Iamb	Iamb			02 20 41.7	
M16K	Timber Creek	77.94	29	P	P			02 20 40.7 +1.2	
E17K	Hotham Inlet	77.96	22	P	P			02 20 40.9 +1.4	
F17K	Baldwin Pennin	78.03	23	P	P			02 20 40.6 +0.7	
G17K	Kiwalik Mounta	78.06	24	P	P			02 20 40.8 +0.7	
P16K	Nushagak River	78.09	31	P	P			02 20 41.2 +0.8	
O16K	Kokwok River B	78.13	30	P	P			02 20 41.6 +1.1	
O16K	comp=Z,9.4nm,0.8s			Iamb	Iamb			02 20 42.1	
O16K	Kokwok River B	78.13	30	P	P			02 20 41.5 +0.9	
O17K	Granite Mounta	78.25	25	P	P			02 20 42.1 +1.0	
J17K	VABM Dome	78.31	26	P	P			02 20 42.4 +1.0	
J17K	VABM Dome	78.31	26	P	P			02 20 42.7 +1.2	
L17K	Donlin	78.44	28	P	P			02 20 44.0 +1.8	
E18K	Tukpahleirik C	78.50	22	P	P			02 20 43.6 +1.2	
E18K	Tukpahleirik C	78.50	22	P	P			02 20 43.8 +1.4	
B18K	Kokolik River	78.50	20	P	P			02 20 44.1 +1.5	
K17K	Iditarod	78.54	27	P	P			02 20 44.2 +1.5	
K17K	comp=Z,14nm,0.9s			Iamb	Iamb			02 20 45.4	
K17K	Iditarod	78.54	27	P	P			02 20 44.2 +1.5	
C18K	Utukok River	78.57	21	P	P			02 20 43.9 +1.0	
O17K	Koiganek Bris	78.66	30	P	P			02 20 44.3 +0.9	
F18K	Selawik	78.69	23	P	P			02 20 44.3 +0.9	
N17K	Nushagak Hills	78.72	29	P	P			02 20 45.1 +1.3	
N17K	comp=Z,12nm,1.1s			Iamb	Iamb			02 20 46.5	
N17K	Nushagak Hills	78.72	29	P	P			02 20 45.3 +1.5	
M17K	Holtna River	78.73	29	P	P			02 20 44.8 +1.0	
M17K	comp=Z,14nm,1.1s			Iamb	Iamb			02 20 46.6	
M17K	Holtna River	78.73	29	P	P			02 20 45.3 +1.5	
P17K	Kvchak River	78.91	31	P	P			02 20 45.4 +0.7	
H18K	Honhosa River	78.94	25	P	P			02 20 45.7 +0.8	
CHIR	Chirikof Islan	78.95	34	P	P			02 20 45.7 +0.6	
G18K	Tagagawik	78.95	24	P	P			02 20 45.6 +0.6	
G18K	Tagagawik	78.95	24	P	P			02 20 45.5 +0.6	
A19K	Wainwright	78.98	19	P	P			02 20 45.3 +0.4	
O17K	Contact Creek	79.08	32	P	P			02 20 45.5 -0.4	
L18K	Granite Mounta	79.20	28	P	P			02 20 48.0 +1.6	
L18K	comp=Z,20nm,1.5s			Iamb	Iamb			02 20 48.9	
L18K	Granite Mounta	79.20	28	P	P			02 20 47.6 +1.3	
C19K	Lookout Ridge	79.24	21	P	P			02 20 48.0 +1.5	
C19K	comp=Z,14nm,0.7s			Iamb	Iamb			02 20 48.6	
C19K	Lookout Ridge	79.24	21	P	P			02 20 47.9 +1.4	
J18K	Innoko River	79.37	27	P	P			02 20 48.2 +1.0	
J18K	Innoko River	79.37	27	P	P			02 20 48.1 +0.8	
N18K	Kilae Creek	79.37	29	P	P			02 20 48.5 +1.1	
F19K	Shalerukcik Mo	79.47	23	P	P			02 20 49.0 +1.3	
GCSA	Galena City Sc	79.49	25	P	P			02 20 48.8 +1.0	
M18K	Stony River</								

Table with columns: IAR, Eielson Array, 83.76, 26, P, P, 02 21 09.7 -0.6, etc. Lists various stations and their coordinates.

Table with columns: N31M, Braeburn, Yuko, 89.08, 28, P, P, 02 21 36.4 +0.2, etc. Lists various stations and their coordinates.

Table with columns: STCH, Steam Cracks, 0.15, 105, IAML, Pg, 02 12 18.0 +0.7, etc. Lists various stations and their coordinates.

JMA 07 02:14:38.3±0.2, 35°4N, 05°14'1E, h22km, 3km, MV1.4/20, KUJUKURI COAST BOSO PEN, Near east coast of eastern Honshu

IDC 07 02:22:16.8±1.1, 67°83N, 20°74E, h0km, mbtmp, 2.9/3, ML2 1/3, Error ellipse: s-maj=17.5km s-min=6.0km

UPP 07 02:22:16.0±0.0, 67°84N, 20°22E, h0km, ML2.3, Confirmed Induced event

BER 07 02:22:17.5±2.2, 67°78N, 20°53E, h1km, ML2.5, Confirmed Induced event

HEL 07 02:22:17.1, 67°89N, 20°24E, h1km, ML2.3, Confirmed Induced event

ISC 07 02:22:16.2±0.7, 67°81N, 02°20'21E, 0:02, h0km, m57, 1990/118, 12, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their coordinates.

YKA Yellowknife Ar 80.87 24 P P 05 51 01.9 +0.5
comp=N,0.4nm,0.8s,baz=310,slow=5.5,SNR=4.8
comp=N,0.4nm,0.8s

DRS 07 05:42:21.9 42' 18N:46'05E, h30km
AZER 07 05:42:21.1 41'99N:46'05E, h30km, ml2.7
MOS 07 05:42:21.2 42'10N:46'02E, h23km, MPVA3.6
NORS 07 05:42:22.8 42'10N:46'02E, h18km, MPVA3.5
ISC 07 05:42:21.7-1.1, 42.06N:0.02-45.97E:0.02, h10km, 10km,
n31, c078/61, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BTLR Botlikh, ZKTA Zakatala, XNZR Khunzakh, GNBPR Gurbil, KMKR Kumukh, UNCR Uncukul, DVE Vedeno, ARKR Arakani, KRNR Karanay, QZX Qazax, DLMR Dylm, BUJR Buynaksk, DBC Dubki, GROC Groznyy, GUDG Gudaury, URKR Urkarakh, SEKA Sheki, SGKR Sergokala, GDB GEDABAY, AKT Akhty, GANJ Ganja, MINGR Mingchevir, WRN Waramunga, ASAR Alice Springs, STKA Stephens Creek.

IDC 07 05:42:50.5 11.0, 5.97S:155.05E, h127km, mb3.6/3,
mbtmp4.2/4, Error ellipse: s-maj=115.2km
s-min=76.1km az=6.0, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Waramunga, ASAR Alice Springs, STKA Stephens Creek.

IDC 07 05:52:02.3 2.3, 46'24N:154'42E, h0km, mb3.8/7,
mbtmp3.7/8, ML2.5/1, MS2.8/3, Error ellipse: s-maj=59.9km
s-min=28.1km az=179.0

SKHL 07 05:52:06.4 0.2, 46'50N:154'20E, h30km, mb4.7/6
ISC 07 05:52:05.6 1.1, 46'30N:0.02-154'32E:0.1, h20km, n17,
c136/17, mb3.8/7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SKR Severo-Kuril's, KUR Kuril'sk, SHO Shikotan, YUK Yuzh-Kuril'sk, NMR Nemuro-Hokkai, PETK Petropavlovsk, YSS Yuzh-Sakhalins, MAGAD Magadan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHU Hachijo jima, ILAR Eielson Array, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, FINES FINESS Array, HFS Hagfors, EKA Eskdalemuir Arr, TXAR Lajitas Array.

IDC 07 05:58:32.2 20.7, 35'81N:140'56E, h0km, mb3.8/14,
mbtmp3.8/22, ML3.4/7, MS2.9/5, Error ellipse:
s-maj=17.6km s-min=14.1km az=72.0
JMA 07 05:58:40.1 0.1, 35'9N:0.02-140'3E:0.4, h44km, MV3.6/40,
SOUTHERN IBARAKI PREF
JMA Fell II at SOUTHERN IBARAKI PREF
NIED 07 05:58:40.1, 35'86N:140'26E, h44km, MW4.0, Moment
Tensor Solution, s3 Moment tensor: 1015N6;
Mn0.40; Mw-0.06; Mw0.26; Mw0.76; Mw0.74;
Fault plane solution: M=1.5000x1015 NP2:
phi=359.00000, delta=0.00000, lambda=134.00000. NP2:
phi=104.00000, delta=0.00000, lambda=21.00000.
NEIC 07 05:58:41.1 1.1, 36'58N:0.06-140'23E:0.09, h51km, 7km,
mb4.5/26 Error ellipse: s-maj=10.5km s-min=8.1km
az=111.0

ISC 07 05:58:39.5 0.6, 35.79N:0.04-140'34E:0.05, h44km, 5km,
n94, c124/92, mb4.2/29, AD, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JSMT Sammumatsuo, JIHU Itakohorinouch, JYT Yasato, JAG Ashikaga, BSOS Boso, JOD2 Odawara 2, JOD2 JOD2, JRY Ryogami san, JKT Katsushina, MJAR Matsushiro Arr, MJAR Matsushiro, MAJO Matsushiro, MJB9 Matsu-Tunnel, JSG Sagara, JMM Jimori, JMM Marumori, JGF Kuroka, JGH Hachijo jima 2, JHU Hachijo jima, JHJ Mitsune, JHJ2 Mitsune, JSO Sado, JSD Sado, JTM Tenmabayashi, JTM Tenmabayashi, JMN Monobe, JMN Monobe, ERM Erimo, JEM Erimo, JNM Natsukesu, JNU Natsukesu, ASAJ Asahikawa, JKA Kamikawa-asahi, JCC Chichijima, JCC Chichijima, JCC Chichijima, JJC JJC, KSRS Kora Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, JOW Kunigami, KLR Kurur, NJ2 Nanjing, PETK Petropavlovsk, SONM Songo Arr, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, PZH PanZhiHua, MK31 Makanchi Array, MKAR Makanchi Array, MAK2 Makanchi, C18K Utukok River, K17K Iditarod, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H18K Honhosa River, C19K Lookout Ridge, E19K Redstone River, B20K Meade River, B21K Ikpikpuk River, KDAK Kodiak Island, SYI Miler Creek, B22K Teshekpuk Lake, E22K Anaktuvuk Pass, BVAR Borovoye Array, ILAR Eielson Array, D25K Kwik River, BMAR Burnt Mountain, E27K Coleen River, I28M Warramunga Arr, WR0 Warramunga Arr, WR0 Warramunga Arr, WB2 Warramunga Arr, WBR2 Warramunga Arr, WRA Warramunga Arr, A36M Sachs Array, ABKAR Akbulak array, ASAR Alice Springs, RES Resolute Bay, FINES FINESS Array B, FINES FINESS Array B, KBZ Khabaz, SUMC Summit, AKASA Malin Array B, NVAR Nainina River, BRTR Keskin Array B, BRTR Keskin Array B, PDAR Pinedale Array, CLL Collin, TXAR Lajitas Array.

IDC 07 05:59:33.8 2.9, 54'12N:86'37E, h0km, mbtmp3.1/2,
ML2.8/2, Error ellipse: s-maj=22.5km s-min=14.2km
az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, I46RU ZALESOV INFRA, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MK31 Makanchi Array, MKAR Makanchi Array, BVAR Borovoye Array, NEIC 07 06:40:44.2 0.7, 82S:0.06-106'37E:0.07, h35km, 2km, mb4.3/9, Error ellipse: s-maj=21.1km s-min=9.8km az=303.0, DJA 07 06:40:45.5 0.6, 8'S:4'x10'6E', h12km, 4km, M4.3/13, mb4.6/1, MLV4.2/13, IDC 07 06:40:47.0 6.3, 7.62S:106'17E, h46km, 57km, mb3.7/8, mbtmp3.9/8, Error ellipse: s-maj=49.8km s-min=18.1km az=57.0, ISC 07 06:40:44.1 0.8, 7.96S:0.08-106'33E:0.06, h35km, n48, c1567/34, mb4.2/12, JAWA

IDC 07 06:40:44.2 0.7, 82S:0.06-106'37E:0.07, h35km, 2km,
mb4.3/9, Error ellipse: s-maj=21.1km s-min=9.8km az=303.0

DJA 07 06:40:45.5 0.6, 8'S:4'x10'6E', h12km, 4km, M4.3/13,
mb4.6/1, MLV4.2/13

IDC 07 06:40:47.0 6.3, 7.62S:106'17E, h46km, 57km, mb3.7/8,
mbtmp3.9/8, Error ellipse: s-maj=49.8km s-min=18.1km
az=57.0

ISC 07 06:40:44.1 0.8, 7.96S:0.08-106'33E:0.06, h35km, n48,
c1567/34, mb4.2/12, JAWA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZAAO Zalesovo Array, ZALV Zalesovo Beam, I46RU ZALESOV INFRA, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MK31 Makanchi Array, MKAR Makanchi Array, BVAR Borovoye Array, NEIC 07 06:40:44.2 0.7, 82S:0.06-106'37E:0.07, h35km, 2km, mb4.3/9, Error ellipse: s-maj=21.1km s-min=9.8km az=303.0, DJA 07 06:40:45.5 0.6, 8'S:4'x10'6E', h12km, 4km, M4.3/13, mb4.6/1, MLV4.2/13, IDC 07 06:40:47.0 6.3, 7.62S:106'17E, h46km, 57km, mb3.7/8, mbtmp3.9/8, Error ellipse: s-maj=49.8km s-min=18.1km az=57.0, ISC 07 06:40:44.1 0.8, 7.96S:0.08-106'33E:0.06, h35km, n48, c1567/34, mb4.2/12, JAWA, SKJ Sakubami, CNJ Cbinong, DBJ Dragama, LEM Lembang.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KLMM, EIL, AK09, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TGP, GERES, KHC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JISG, JIJ, JKRS, etc.

IDC 07 06:56:36.05.4.24.13N-123.93E, h0km, mb3.5/3, mbmp3.5/3, MS2.8/2. Error ellipse: s-maj=337.8km s-min=28.9km az=60.0

N19K	Bonanza Creek	53.46	34	P	P	07 32 55.3 +1.1
O19K	Port Alsworth	53.49	35	P	P	07 32 55.6 +1.4
M19K	Big River Lodge	53.51	33	P	P	07 32 55.3 +0.2
Q19K	Cape Douglas	53.75	36	P	P	07 32 56.4 +0.1
F20K	Avaraat Lake	53.78	26	P	P	07 32 57.3 +0.9
D20K	Etlivluk River	53.80	24	P	P	07 32 57.0 +0.5
H20K	Anotteneega Mo	53.85	28	P	P	07 32 58.0 +1.1
E20K	Nigu River	53.85	25	P	P	07 32 57.7 +0.8
OHAK	Old Harbor	53.87	38	P	P	07 32 58.2 +1.1
L20K	Farewell, AK	53.90	32	P	P	07 32 58.5 +1.2
K20K	Telida	53.91	31	P	IAMB	07 32 58.8 +1.4
K20K	comp=Z,10nm,0.7s					07 32 59.9
K20K	Telida	53.91	31	P	P	07 32 58.5 +1.2
I20K	Naaghdeneel	53.92	29	P	P	07 32 58.4 +1.1
I20K	Naaghdeneel	53.92	29	P	P	07 32 59.2 +1.9
B20K	Meade River	53.92	22	P	P	07 32 58.0 +0.7
J20K	Novinta River	53.98	30	P	IAMB	07 32 59.2 +1.5
J20K	comp=Z,14nm,0.7s					07 32 59.9
J20K	Novinta River	53.98	30	P	P	07 32 58.9 +1.1
P19K	Oil Pt	54.00	35	P	P	07 32 58.7 +0.7
M20K	Styx River	54.20	33	P	P	07 33 00.3 +0.8
KDAK	Kodiak Island	54.26	38	P	P	07 33 00.3 +0.4
O20K	Slope Mountain	54.33	35	P	P	07 33 00.8 +0.4
Q20K	Shuyak Island	54.38	37	P	P	07 33 01.3 +0.6
C21K	Knifeblade Rid	54.54	24	P	P	07 33 02.8 +1.1
G21K	Allakaket	54.56	27	P	P	07 33 03.0 +1.0
G21K	Allakaket	54.56	27	P	P	07 33 03.2 +1.3
N20K	Mount Spurr	54.59	34	P	P	07 33 02.8 +0.5
F21K	Alatina River	54.68	26	P	P	07 33 03.7 +1.0
B21K	Ikkipuk River	54.69	23	P	P	07 33 03.9 +1.2
E21K	Killik River	54.70	25	P	P	07 33 03.6 +0.7
PPLA	Purkeypile	54.72	31	P	P	07 33 04.0 +0.8
H21K	Melozitna Rive	54.73	28	P	P	07 33 04.8 +1.7
H21K	Melozitna Rive	54.73	28	P	P	07 33 04.1 +1.0
CHUM	Lake Minchumin	54.75	30	P	P	07 33 04.1 +0.9
CAST	Castle Rocks	54.81	31	P	IAMB	07 33 04.8 +1.1
CAST	comp=Z,6.4nm,0.8s					07 33 06.0
CAST	Castle Rocks	54.81	31	P	P	07 33 04.3 +0.6
A22K	Sinclair Lake	54.87	21	P	P	07 33 05.1 +1.2
BVAR	Borovoye Array	54.90	316	P	P	07 33 03.9 -0.6
BVAR	comp=Z,4.9nm,0.4s,baz=89,slow=7.5,SNR=16					07 33 59.9 -0.5
SKT	Skwentna	54.96	33	P	P	07 33 05.7 +0.9
BRVK	Borovoye	54.96	316	P	P	07 33 04.3 -0.6
BRVK	comp=Z,8.0nm,0.9s					
CNPM	China Poot	55.01	36	P	P	07 33 05.2 0.0
I21K	Tanana	55.02	29	P	P	07 33 06.7 +1.6
F22K	John River	55.22	26	P	P	07 33 07.5 +1.0
D22K	Aiyikyak River	55.24	24	P	P	07 33 08.1 +1.4
B22K	Teshkepuk Lake	55.24	22	P	P	07 33 07.3 +0.7
BRSE	Bradley Lake S	55.26	35	P	P	07 33 07.7 +0.8
SUA	Susitna One	55.31	33	P	P	07 33 07.3 -0.1
SUA	Susitna One	55.31	33	P	P	07 33 07.9 +0.6
H22K	Ishlaltitna Cre	55.34	28	P	P	07 33 08.4 +0.9
BPAW	Bear Paw Mtn.	55.35	30	P	P	07 33 08.6 +1.1
G22K	Bettles	55.40	27	P	P	07 33 08.3 +0.6
E22K	Anaktuvuk Pass	55.44	25	P	P	07 33 09.4 +1.3
MLY	Manley	55.53	29	P	P	07 33 09.7 +1.0
MLY	Manley	55.53	29	P	P	07 33 10.3 +1.5
M22K	Willow	55.62	33	P	P	07 33 10.2 +0.9
R20K	Rabbit Creek A	55.78	34	P	P	07 33 11.0 +0.5
NIL	Nilore	55.80	293	P	IAMB	07 33 11.8 +0.6
NIL	comp=Z,14nm,0.8s					07 33 12.2
NIL	Nilore	55.80	293	P	P	07 33 11.8 +0.6
SEW	Seward	55.91	35	P	P	07 33 11.8 +0.4
KK31	Karatay Array	55.92	304	P	IAMB	07 33 11.6 -0.3
KK31	comp=Z,12nm,0.9s					07 33 12.2
KK31	Karatay Array	55.92	304	P	P	07 33 11.6 -0.3
KKAR	Karatay Array	55.92	304	P	P	07 33 11.9 0.0
KKAR	Karatay Array	55.92	304	P	P	07 33 11.9 0.0
COLD	Coldfoot	55.95	26	P	P	07 33 12.2 +0.6
D23K	Nanushuk River	55.97	24	P	P	07 33 12.7 +1.0
G23K	Bananza Creek	55.97	27	P	P	07 33 13.5 +1.7
G23K	Bananza Creek	55.97	27	P	P	07 33 13.2 +1.4
PMR	Palmer	56.09	33	P	P	07 33 12.9 +0.3
H23K	Yukon River	56.09	28	P	P	07 33 14.0 +1.4
C23K	Ikiliik River	56.10	23	P	P	07 33 13.4 +0.8
I23K	Minto, Yukon-K	56.12	29	P	P	07 33 13.9 +1.1
NEA2	Nenana	56.21	29	P	P	07 33 14.4 +0.9
MCK	McKinley	56.23	31	P	P	07 33 14.4 +0.7
E23K	Chandalar	56.25	25	P	P	07 33 15.0 +1.2
TOLK	Toolik Lake Re	56.33	25	P	P	07 33 15.1 +0.8
WAT1	Susitna Watana	56.38	32	P	P	07 33 15.4 +0.6
KNK	Knik Glacier	56.41	33	P	P	07 33 15.7 +0.8
SML	Sawmill	56.47	33	P	P	07 33 15.8 +0.4
D24K	Happy Valley	56.65	24	P	P	07 33 17.0 +0.5
E24K	Your Creek	56.67	25	P	P	07 33 18.2 +1.4
COLA	College	56.75	29	P	P	07 33 17.8 +0.6
COLA	College	56.75	29	P	P	07 33 18.4 +1.3
COLA	College	56.75	29	P	P	07 33 17.8 +0.6
COLA	comp=Z,7.0nm,0.3s					

C24K	Franklin Bluff	56.75	23	P	P	07 33 18.3 +1.2
WAT6	Susitna Watana	56.75	32	P	P	07 33 18.1 +0.6
M23K	Glar View	56.76	33	P	P	07 33 18.5 +1.1
F24K	Squaw Lake	56.86	26	P	P	07 33 19.0 +1.0
DHY	Denali Highway	56.92	31	P	P	07 33 19.8 +1.2
POKR	Poker Plat Res	56.93	29	P	P	07 33 19.3 +0.8
P23K	Montague Islan	56.94	35	P	P	07 33 19.5 +0.9
SCM	Sheep Creek Mo	56.95	33	P	P	07 33 19.5 +0.8
GLI	Glacier Island	57.07	34	P	P	07 33 19.8 +0.3
HDA	Harding Lake	57.12	30	P	P	07 33 20.2 +0.4
IL31	Eielson Array	57.16	29	P	P	07 33 19.6 -0.4
ILAR	comp=Z,1.8nm,0.7s,baz=252,slow=5.7,SNR=33					07 33 19.6 -0.4
M24K	Tolsona, Glenn	57.49	32	P	P	07 33 22.9 +0.5
D25K	Kavik River	57.53	24	P	P	07 33 23.2 +0.5
KLU	Klutina	57.62	33	P	P	07 33 24.0 +0.5
H25L	Birch Creek	57.63	28	P	P	07 33 24.5 +1.3
K24K	Donnelly Dome	57.64	30	P	P	07 33 23.7 +0.3
F25K	Christian River	57.73	26	P	P	07 33 25.3 +1.3
E25K	Arctic Village	57.77	25	P	IAMB	07 33 25.4 +1.1
E25K	comp=Z,4.6nm,0.6s					07 33 26.4
E25K	Arctic Village	57.77	25	P	P	07 33 25.1 +0.9
PAX	Paxson	57.79	31	P	P	07 33 25.1 +0.5
J25K	Salcha River,	57.81	30	P	P	07 33 24.7 +0.1
CHGR	Chuyangaron	57.81	299	P	P	07 33 24.7 -0.4
CHGR	Chuyangaron	57.81	299	P	P	07 33 24.7 -0.4
HARP	HAARP	57.95	32	P	P	07 33 26.4 +0.9
C26K	Camden Bay	58.08	23	P	P	07 33 27.0 +0.7
N25K	Chitina, Valde	58.25	33	P	P	07 33 28.0 +0.3
BMRM	Bremner River	58.28	34	P	P	07 33 28.6 +0.7
F26K	Sheenjek River	58.30	26	P	P	07 33 28.9 +1.0
SCRK	Sand Creek	58.43	30	P	P	07 33 29.0 +0.1
G26K	Porcupine River	58.44	27	P	P	07 33 29.4 +0.6
C27K	Jago River	58.48	24	P	P	07 33 29.6 +0.6
J26L	Joseph Creek	58.59	30	P	P	07 33 30.1 +0.1
I26K	Coal Creek Min	58.73	29	P	P	07 33 31.1 +0.3
L26K	Log Cabin Wild	58.76	31	P	P	07 33 31.4 +0.4
VRDI	Verde Repeater	58.83	33	P	IAMB	07 33 32.5 +0.8
BGLC	Bering Glacier	59.00	35	P	P	07 33 33.2 +0.6
MCAR	McCarthy VSAT	59.02	33	P	P	07 33 33.4 +0.6
E27K	Coleen River	59.26	25	P	P	07 33 35.2 +0.9
K27K	Chicken	59.26	30	P	P	07 33 35.3 +0.9
G27K	Doyon Strip	59.29	27	P	P	07 33 35.4 +0.8
I27K	Kandik River	59.36	28	P	P	07 33 36.3 +1.1
H27K	Steaboat Moun	59.37	28	P	P	07 33 36.3 +1.2
L27K	Beaver Creek,	59.45	31	P	P	07 33 36.9 +1.2
D27M	Malcolm River	59.46	24	P	P	07 33 36.6 +0.9
BCAR	Beaver Creek A	59.46	31	P	P	07 33 36.8 +0.9
M27K	Edge Creek, AK	59.48	32	P	P	07 33 36.9 +0.8
EGAK	Eagle	59.61	29	P	P	07 33 36.8 +0.1
MESA	MESA	59.66	35	P	P	07 33 37.3 -0.1
CTG	China Glacier	59.87	34	P	P	07 33 38.5 -0.3
F28M	Old Crow	59.94	26	P	P	07 33 39.6 +0.7
E28M	Babbage River	60.00	25	P	P	07 33 40.3 +1.0
I28M	Miner Creek	60.02	28	P	IAMB	07 33 41.0 +1.0
I28M	comp=Z,4.7nm,0.8s					07 33 41.7
I28M	Miner Creek	60.02	28	P	P	07 33 40.6 +0.6
YUK3	Moose Creek	60.20	33	P	P	07 33 41.6 +0.6
D28M	Stokes Point	60.24	24	P	P	07 33 42.0 +1.2
DAWY	Dawson	60.44	30	P	P	07 33 43.4 +1.0
DAWY	Dawson	60.44	30	P	P	07 33 43.4 +1.0
O28M	Mount Upton	60.45	34	P	P	07 33 43.5 +0.7
FORT	Forrest	60.52	191	P	P	07 33 43.9 +0.7
YUK8	Steele Glacier	60.59	33	P	P	07 33 44.8 +1.1
E29M	Blow River	60.62	25	P	P	07 33 45.1 +1.7
E29M	Blow River	60.62	25	P	P	07 33 44.9 +1.1
H29M	Whitestone	60.64	27	P	P	07 33 44.9 +1.3
G29M	Pin Creek	60.71	27	P	P	07 33 45.8 +1.7
I29M	Ogilvie Camp,	60.76	28	P	P	07 33 45.0 +0.6
M29M	Somme Creek	61.05	32	P	P	07 33 47.6 +1.0
L29M	L29M	61.11	31	P	P	07 33 48.1 +1.2
YUK4	Talbot Arm	61.12	33	P	P	07 33 48.0 +0.9
K29M	Barlow Dome	61.28	30	P	IAMB	07 33 49.4 +1.4
K29M	comp=Z,4.0nm,0.8s					07 33 50.1
K29M	Barlow Dome	61.28	30	P	P	07 33 49.5 +1.4
EPYK	Eagle Plains	61.29	27	P	P	07 33 49.1 +1.2
O29M	Mount Kennedy	61.31	34	P	P	07 33 48.7 +0.4
YUK6	Outpost Mounta	61.32	33	P	P	07 33 49.3 +0.8
ARU	Arti	61.33	321	P	IAMB	07 33 47.9 -0.4
ARU	comp=Z,11nm,0.8s					07 33 48.2
ARU	Arti	61.33	321	P	P	07 33 47.7 -0.6
ARU	comp=Z,10nm,0.3s,baz=65,slow=3.1,SNR=8.8					
ARU	Arti	61.33	321	P	P	07 33 47.5 -0.8
ARU	SS					07 36 03.2
ARU	SS					07 41 34.3 -0.4
ARU	SS					07 45 39.9 -3.6
G30M	tAoh Zraii Nji	61.41	26	P	P	07 33 49.5 +0.8
F30M	Barrier River	61.49	26	P	P	07 33 50.0 +0.7
I30M	Mount Dempster	61.58	28	P	P	07 33 51.1 +1.1
I30M	Mount Dempster	61.58	28	P	P	07 33 50.7 +0.7
J30M	Hart River	61.70	29	P	P	07 33 51.7 +0.9

HYT	Haines Junction	61.75	34	P	P	07 33 51.6 +0.4
M30M	Minto, Yukon	61.80	31	P	IAMB	07 33 52.8 +1.4
M30M	comp=Z,3.2nm,0.6s					07 33 53.5
M30M	Minto, Yukon	61.80	31	P	P	07

Table with columns: STKA, SHens Creek, 45.90 162 P, P, 08 21 57.8 +0.2, etc.

IDC 07 08:25:24.3-2.9, 54:56N:86:17E, h0km, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=22.7km s-min=13.3km

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

TEH 07 08:26:52.5, 35:72N:60:33E, h8km, 31km, ML3.8, Northern and central Iran

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

IDC 07 08:49:15.5-0.6, 41:43S:10:80W, h0km, mb4.5/11, mbtmp4.5/11, MS4.0/36, Error ellipse: s-maj=20.1km s-min=16.4km, Az=104.0

NEIC 07 08:49:16.9-1.3, 41:35S:01:09:10W:0.1, h10km, 1km, mb5.1/53, Error ellipse: s-maj=17.7km s-min=15.9km az=86.0

GCMT 07 08:49:17.9-0.4, 41:36S:01:02:10W:0.0, h36km, 1km, MW5.0/70, Moment Tensor Solution. s25,c27; s70,c86; Duration: 0 Moment tensor: Scale 1.016Nm; Mr0.03±.29; Mw0.23±.24; Mb0.23±.21; Ms0.22±.20; Ml0.35±.13; Mw0.88±.18; Best double couple: Mw0.3390±.016

NP1 98197.00000°, 684.00000°, A-170.00000°. NP2: 98198.00000°, 680.00000°, A-6.00000°. Principal axes: T 4.2430, P193.0000°, Azm332.0000°, N 0.1900, P1678.0000°, Azm227.0000°, P -4.4360, P1611.0000°, Azm62.0000°. nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, body=50s. Triangular moment-rate function

ISC 07 08:49:16.5-0.4, 41:40S:01:07:10W:0.07, h10km, n186, 1508/144, mb5.0/60, MS4.1/37, 7C-3D, Tristan da Cunha region

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

Table with columns: TSUM, Tsumeb, 32.78 56 LR, LR, 09 06 40.4, etc.

Table with columns: QSPA, South Pole Qui, 48.86 180 P, P, 08 58 02.7 +0.7, etc.

comp=Z, 4.0nm, 1.0s, baz=325, slow=4.3, SNR=3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBATOV, etc.

IDC 07 09:00:43.9, 0.3, 53.57N-87.84E, h0km, mbmp3.1/2, ML2.8/2, Error ellipse: s-maj=26.4km s-min=15.3km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBATOV, etc.

HEL 07 09:04:30.6, 0.3, 62.22N-27.88E, h0km, ML1.2, Explosion, Finland

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

HEL 07 09:04:45.4, 0.4, 67.14N-20.57E, h0km, ML1.0, Explosion, Sweden

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

IDC 07 09:08:41.4, 0.6, 6.78N-73.00W, h157km, 7km, mb3.5/7, mbmp4.0/11, Error ellipse: s-maj=17.8km s-min=7.0km az=134.0

RSNC 07 09:08:43.3, 0.0, 7.1N-1.7W, h147km, 2km, M4.1, mb4.3, mb5.0, ML3.6, Mw(mb)4.4

ISC 07 09:08:41.7, 0.7, 6.89N, 0.03, 73.08W, 0.04, h154km, 5km, n61, i1962/105, mb3.6/7, Northern Colombia

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRC1, CRUC, BCIP, etc.

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

IDC 07 09:09:27.1, 0.5, 12.58N-126.01E, h0km, mb4.2/20, mbmp4.3/21, ML4.7/1, MS3.0/16, Error ellipse: s-maj=23.8km s-min=9.9km az=74.0

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

ISC 07 09:09:32.9, 0.4, 12.85N, 0.05, 126.08E, 0.08, h35km, n82, i132/67, mb4.4/40, MS3.0/13, Philippine Islands region

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHEM, GAK, KK31, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like E21K, G21K, I21K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BMAR, D27M, K27K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M29M, SPITS, ARCS, etc.

NEIC 07 09:18:28.6, 0.9, 19.402N, 0.007, 155.282W, 0.008, h3km, 2km, Error ellipse: s-maj=1.2km s-min=0.8km az=22.0

HVO 07 09:18:27.9, 0.19, 19.410N, 0.010, 155.283W, 0.006, h1km, 3km, ML2.5/34, ML2.4/39(NEIC), Error ellipse: s-maj=1.4km s-min=0.8km az=184.0, Hawaiian Islands

7d 10h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like PUAHI, KANE NUI O HAM, HILINA PALI, MAUNA LOA, etc.

WEL 07 09:24:48.0, 3.42 S, 174.4E, h12km, 2km, M3.5/24, ML3.8/24, MLV3.5/24, Error ellipse: s-maj=0.0km s-min=0.0km az=149.9, confirmed

NOU 07 09:24:48.0, 41.89S, 174.42E, h15km, MLv4.0/10, Cook Strait, New Zealand

ISC 07 09:24:49.0, 0.8, 41.75S, 174.42E, h18km, 1km, n91, c1916/106, Cook Strait

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists numerous stations including Cape Campbell, Ward Fire Stat, Seddon Fire St, etc.

2018 JUN

Summary table for MWZ Matawai, JCZ Jackson Bay, JWC Jackson Bay, TWZ Tauwharepae, TU2 Tuapeka.

NEIC 07 09:29:16.2, 0.6, 36.07N, 0.01, 97.55W, 0.01, h2km, 5km, Error ellipse: s-maj=1.6km s-min=1.5km az=73.0

TUL 07 09:29:16.2, 0.8, 36.08N, 0.01, 97.55W, 0.02, h5km, 5km, ML2.4, mb_Lg2.5/50(NEIC), ML2.7/58(NEIC), Error ellipse: s-maj=2.0km s-min=1.6km az=131.0, Oklahoma

Main station list table for the 2018 JUN section with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Liberty Lake, Carrier, S. Brethren Rd, etc.

JMA 07 09:37:06.0, 0.1, 35.9N, 0.3, 140.3E, 0.4, h4km, 1km, MV3.0/39, SOUTHERN IBARAKI PREF.

JMA Felt J1 at SOUTHERN IBARAKI PREF. IDC 07 09:37:07.6, 1.2, 34.95N, 138.14E, h0km, mb3.4/3, mbtmp3.4/4, ML3.2/1, MS3.1/2, Error ellipse: s-maj=32.2km s-min=13.0km az=83.0

ISC 07 09:37:05.5, 1.2, 35.81N, 0.04, 140.32E, 0.08, h36km, 1km, n20, c0812/21, mb3.2/3, Near east coast of eastern

Main station list table for the 2018 JUN section with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Honshu, Sammumatsuo, Itakohinouch, etc.

418

Summary table for DAV Davao City (W), MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 07 09:45:05.0, 2.9, 53.62N, 86.81E, h0km, mbtmp3.2/2, ML2.7/2, Error ellipse: s-maj=26.8km s-min=15.5km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

NEIC 07 10:51:52.5, 0.4, 36.282N, 0.008, 97.515W, 0.009, h5km, 5km, Error ellipse: s-maj=1.6km s-min=0.7km az=220.0

TUL 07 10:51:52.7, 0.5, 36.283N, 0.006, 97.515W, 0.01, h6km, 5km, ML2.7, mb_Lg2.6/62(NEIC), ML2.8/64(NEIC), Error ellipse: s-maj=1.4km s-min=0.8km az=109.0, Oklahoma

Main station list table for the 418 section with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like Carrier, Pawnee Station, Liberty Lake, etc.

7d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, LPAZ La Paz.

IDC 07 11:14:14.7.1.1, 16:197S:167:22E, h0km, mb4.1/6, mbmp4.2/7, ML4.4/1, MS3.6/4, Error ellipse: s-maj=34.4km s-min=26.4km az=116.0

NOU 07 11:14:16.9.1, 17:17S:167:33E, h0km, MLV4.5/10, Vanuatu Islands

ISC 07 11:14:18.5.1.0, 17:09S:167:33E, 0.1, h25km, n16, 0581/18, mb4.2/6, Vanuatu Islands

Main table for 7d 11h section, listing station codes (LIFNC, MARNC, KOUNC, etc.), station names, and various parameters.

HEL 07 11:32:00.6.0.1, 63:98N:28:14E, h0km, ML1.8, Explosion IDC 07 11:32:00.0.1.9, 63:78N:28:69E, h0km, mbmp3.0/4, ML1.9/4, Error ellipse: s-maj=29.7km s-min=6.1km az=102.0

ISC 07 11:31:59.9.0.8, 63:94N:0:02:28:20E, 0.03, h0km, n30, 0126/51, Finland

Main table for 7d 11h section, continuing station codes and names like NIF Nilsia, RNF Romuvaara, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I37NO I37NO, HFS Hagfors, NOA NORSTAR Array B.

SJA 07 11:35:33.5.0.7, 20:80S:69:18W, h136km, 5km, ML4.2, MW3.9

GUC 07 11:35:35.6.0.8, 20:81S:69:06W, h115km, 5km, ML4.3

NEIC 07 11:35:36.1.2.4, 20:82S:0:05:69:20W, 0.10, h11km, 1km, mb4.2/7, ML4.3(GUC), Error ellipse: s-maj=13.2km s-min=7.6km az=88.0

IDC 07 11:35:36.1.4.2, 20:83S:68:78W, h112km, 14km, mb4.1/3, mbmp4.2/7, Error ellipse: s-maj=26.0km s-min=14.7km az=106.0

VAO 07 11:35:38.0.0.6, 20:88S:68:64W, h101km, mb4.6

ISC 07 11:35:35.2.0.7, 20:81S:0:03:69:09W, 0.05, h117km, 7km, n75, 0173/97, mb4.1/4, 1C-3D, Northern Chile

Main table for 2018 JUN section, listing station codes (HMBC, PATXC, etc.), station names, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDFB Brasilia, SMTB Santa Maria do, BOAV Boa Vista.

TXAR Lajitas Array 59.97 325 P P comp=2.0, 1nm, 0.5s, baz=156, slow=9.6, SNR=1.7

DBIC Dimbokro 68.70 74 P P comp=2.7, 0nm, 1.0s, baz=221, slow=7.1, SNR=3.8

TORD Torodi Ar. Bea 77.29 71 P P comp=1.7, 1.1nm, 0.3s, baz=254, slow=5.6, SNR=27

MKAR Makarani Array 145.17 35 PKPbc PKPdf comp=2.3, 3nm, 0.7s, baz=320, slow=3.9, SNR=17

PZH PanZhiHua 169.87 54 PKP PKPdf comp=2.3, 3nm, 0.7s, baz=320, slow=3.9, SNR=17

NNC 07 11:36:28.6.0.3, 44:24N:78:58E, h6km, 2km, mb3.6, mpv3.8, Error ellipse: s-maj=2.3km s-min=1.8km az=171.0

SOME 07 11:36:29.6.44.25N:78:55E, h20km

KRNET 07 11:36:36.2.0.1, 43:94N:78:02E, h15km, mb2.4

ISC 07 11:36:29.3.0.9, 44:26N:78:58E, 0.02, h15km, 7km, n66, 0138/117, 20C-12D, Eastern Kazakhstan

Main table for 2018 JUN section, continuing station codes and names like BLB Baldybasty, KURS Kuram, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like MAJO, RPZ, QIZ, QJZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like PPT2, TBI, AMKA, ULN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes stations like O18K, H16K, I17K, N18K, etc.

QSPA	South Pole Qui	83.95	180	P	Iamb	P	12 05 32.5	-0.5
QSPA	South Pole Qui	83.95	180	P	Iamb	P	12 05 32.2	-0.7
QSPA	comp=Z,12nm,0.6s					LR	12 41 27.5	
G21K	Allakaket	83.95	20	P	P	P	12 05 33.0	+0.3
E20K	Nigu River	83.98	18	P	P	P	12 05 33.8	+0.9
HIN	Hinchinbrook I	84.00	27	P	P	P	12 05 32.6	-0.5
D20K	Chivuk River	84.10	18	P	P	P	12 05 34.0	+0.5
WAT1	Susitna Watana	84.11	25	P	P	P	12 05 32.8	-0.9
KKAR	Karatay Array	84.12	314	P	P	P	12 05 33.2	-0.9
FID	Port Fidalgo	84.15	27	P	Iamb	Iamb	12 05 33.8	-0.1
SCM	Sheep Creek Mo	84.22	26	Iamb	Iamb	P	12 05 45.1	
SCM	Sheep Creek Mo	84.22	26	Iamb	Iamb	P	12 05 33.7	-0.5
MLY	Manley	84.23	22	Iamb	Iamb	P	12 05 36.1	
MLY	Manley	84.23	22	P	P	P	12 05 34.0	-0.2
F21K	Alatina River	84.32	20	P	P	P	12 05 34.1	-0.5
WAT6	Susitna Watana	84.35	25	P	P	P	12 05 34.4	-0.6
MCK	McKinley	84.35	24	P	P	P	12 05 34.0	-0.8
H22K	Ishaitlita Cre	84.40	21	P	P	P	12 05 35.3	+0.3
EYAK	Cordova Ski Ar	84.41	27	P	P	P	12 05 35.6	+0.5
B20K	Meade River	84.66	17	P	P	P	12 05 36.6	+0.3
NEA2	Nenana	84.67	23	Iamb	Iamb	P	12 05 37.4	
NEA2	Nenana	84.67	23	P	P	P	12 05 36.0	-0.4
KLU	Klutina	84.69	26	Iamb	Iamb	P	12 05 37.4	
KLU	Klutina	84.69	26	P	P	P	12 05 37.0	+0.3
DHY	Denali Highway	84.71	25	P	Iamb	Iamb	12 05 37.0	+0.2
DHY	Denali Highway	84.71	25	P	Iamb	Iamb	12 05 38.6	
DHY	Denali Highway	84.71	25	P	P	P	12 05 37.5	+0.7
E21K	Killik Riv	84.78	19	Iamb	Iamb	P	12 05 43.4	
E21K	Killik Riv	84.78	19	P	P	P	12 05 37.2	+0.3
KAIM	Kayak Island	84.79	28	P	P	P	12 05 37.8	+0.8
I23K	Minto, Yukon-K	84.81	22	P	P	P	12 05 37.3	+0.2
M24K	Tolsona, Glenn	84.82	26	P	P	P	12 05 37.6	+0.3
G22K	Bettles	84.84	20	P	P	P	12 05 38.0	+0.8
F22K	John River	84.90	20	P	P	P	12 05 38.3	+0.8
C21K	Knifeflade Rid	84.90	18	P	P	P	12 05 38.3	+0.8
WRH	Wood River Hill	85.00	23	Iamb	Iamb	P	12 05 39.4	
H23K	Yukon River	85.04	22	Iamb	Iamb	P	12 05 40.3	
H23K	Yukon River	85.04	22	P	P	P	12 05 38.5	+0.3
BMRM	Bremner River	85.08	27	P	P	P	12 05 39.0	+0.4
CCB	Clear Creek Bu	85.19	23	Iamb	Iamb	P	12 05 39.6	
B21K	Ikpikpuk River	85.20	17	Iamb	Iamb	P	12 05 54.0	
B21K	Ikpikpuk River	85.20	17	P	P	P	12 05 39.4	+0.5
COLA	College	85.27	23	P	P	P	12 05 38.7	-0.7
COLA	College	85.27	23	P	P	P	12 05 38.6	-0.7
G23K	Bananza Creek	85.27	21	Iamb	Iamb	P	12 05 40.8	
G23K	Bananza Creek	85.27	21	P	P	P	12 05 39.8	+0.4
E22K	Anaktuvuk Pass	85.32	19	P	P	P	12 05 40.3	+0.6
N25K	Chitina, Valde	85.32	27	Iamb	Iamb	P	12 05 43.6	
N25K	Chitina, Valde	85.32	27	P	P	P	12 05 39.6	-0.2
HARP	HAARP	85.38	26	P	P	P	12 05 40.2	+0.2
BGLC	Bering Glacier	85.39	28	P	P	P	12 05 39.0	-1.0
D22K	Aiyikyak River	85.41	18	Iamb	Iamb	P	12 05 43.8	
D22K	Aiyikyak River	85.41	18	P	P	P	12 05 40.5	+0.4
HDA	Harding Lake	85.43	24	Iamb	Iamb	P	12 05 40.8	
HDA	Harding Lake	85.43	24	P	P	P	12 05 40.1	-0.1
COLD	Coldfoot	85.44	20	P	P	P	12 05 40.7	+0.5
PAX	Paxson	85.46	25	P	P	P	12 05 40.4	+0.1
IL31	Eielson Array	85.60	23	P	P	P	12 05 39.9	-1.1
ILAR	Eielson Array	85.60	23	P	P	P	12 05 39.7	-1.3
ILAR	Eielson Array	85.60	23	P	P	P	12 05 39.4	-1.6
ILAR	comp=Z,157nm,21.2s,baz=252,slow=33					LR	12 39 59.2	
GLB	Gilahina Butte	85.62	27	Iamb	Iamb	P	12 05 42.2	
K24K	Donnelly Dome	85.66	24	P	P	P	12 05 41.5	+0.1
A22K	Sinclair Lake	85.82	16	P	P	P	12 05 42.4	+0.4
B22K	Teshchuk Lake	85.92	17	Iamb	Iamb	P	12 05 47.0	
B22K	Teshchuk Lake	85.92	17	P	P	P	12 05 43.1	+0.6
MCARA	McCarthy VSAT	85.95	27	P	P	P	12 05 43.2	+0.4
E23K	Chandalar	86.02	20	P	P	P	12 05 43.9	+0.8
MESA	MESA	86.04	28	P	P	P	12 05 43.7	+0.1
D23K	Nanushuk River	86.09	19	P	P	P	12 05 43.7	+0.3
J25K	Salcha River	86.14	24	P	P	P	12 05 43.3	-0.5
MENT	Mentasta	86.19	25	Iamb	Iamb	P	12 05 45.6	
TOLK	Toolik Lake Re	86.30	19	P	P	P	12 05 45.1	+0.6
TOLK	Toolik Lake Re	86.30	19	P	P	P	12 05 45.1	+0.6
M26K	Nabesna, AK	86.32	26	P	P	P	12 05 45.0	+0.3
F24K	Squaw Lake	86.37	21	Iamb	Iamb	P	12 05 47.6	
F24K	Squaw Lake	86.37	21	P	P	P	12 05 45.5	+0.7
L26K	Log Cabin Wild	86.38	25	Iamb	Iamb	P	12 05 46.5	
L26K	Log Cabin Wild	86.38	25	P	P	P	12 05 45.1	+0.1
E24K	Your Creek	86.41	20	P	P	P	12 05 45.4	+0.3
PRP	Porcupine Dome	86.42	23	P	P	P	12 05 45.5	+0.2
SCRK	Sand Creek	86.46	24	P	P	P	12 05 45.2	-0.3
BARN	Barnard Glacie	86.46	28	P	P	P	12 05 46.0	+0.4
C23K	Itkillik River	86.52	18	P	P	P	12 05 46.5	+1.0
CTG	Chitna Glacier	86.58	28	P	P	P	12 05 46.7	+0.5
H25L	Birch Creek	86.61	22	P	P	P	12 05 46.7	+0.7

BVAR	Borovoye Array	86.63	324	P	P	P	12 05 46.0	-0.3
BVAR	comp=Z,3.4nm,0.7s,baz=102,slow=5.8,SNR=13					LR	12 43 06.7	
G25K	Beaman Lake	86.70	21	P	P	P	12 05 47.4	+1.0
D24K	Happy Valley	86.77	19	Iamb	Iamb	P	12 05 49.7	
D24K	Happy Valley	86.77	19	P	P	P	12 05 48.0	+1.3
M27K	Edge Creek, AK	86.78	26	P	P	P	12 05 47.6	+0.5
J26L	Joseph Creek	86.82	24	Iamb	Iamb	P	12 05 49.2	
J26L	Joseph Creek	86.82	24	P	P	P	12 05 47.6	+0.4
L27K	Beaver Creek	87.05	26	Iamb	Iamb	P	12 05 50.6	
L27K	Beaver Creek	87.05	26	P	P	P	12 05 49.0	+0.8
O28M	Mount Upton	87.05	28	P	P	P	12 05 48.6	0.0
C24K	Franklin Bluff	87.06	18	P	P	P	12 05 49.0	+0.9
BCAR	Beaver Creek A	87.07	26	P	P	P	12 05 48.8	+0.4
PNL	Peninsula	87.10	29	P	P	P	12 05 49.4	+0.8
F25K	Christian River	87.19	21	P	P	P	12 05 49.3	+0.4
YUK3	Moose Creek	87.24	27	P	P	P	12 05 50.1	+0.6
BVCY	Beaver Creek	87.26	26	P	P	P	12 05 50.3	+1.0
K27K	Chicken	87.26	25	P	P	P	12 05 50.1	+0.9
I26K	Coal Creek Min	87.27	23	Iamb	Iamb	P	12 06 01.2	
I26K	Coal Creek Min	87.27	23	P	P	P	12 05 50.1	+0.9
YUK8	St. George Glacier	87.41	28	P	P	P	12 05 50.4	+0.1
E25K	Arctic Village	87.42	20	Iamb	Iamb	P	12 05 52.0	
E25K	Arctic Village	87.42	20	P	P	P	12 05 50.7	+0.7
BMAR	Burnt Mountain	87.50	21	P	P	P	12 05 51.0	+0.6
G26K	Porcupine Rive	87.62	22	P	P	P	12 05 51.4	+0.6
D25K	Kavik River	87.63	19	Iamb	Iamb	P	12 05 53.1	
D25K	Kavik River	87.63	19	P	P	P	12 05 51.1	+0.2
O29M	Mount Kennedy	87.68	29	P	P	P	12 05 51.7	+0.2
F26K	Sheenjek River	87.76	21	P	P	P	12 05 52.3	+0.7
EGAK	Eagle	87.89	24	P	P	P	12 05 52.2	+0.1
EGAK	Eagle	87.89	24	Iamb	Iamb	P	12 05 54.1	
EGAK	Eagle	87.89	24	P	P	P	12 05 52.2	+0.1
P29M	Windy Craggy	87.90	29	Iamb	Iamb	P	12 06 12.9	
P29M	Windy Craggy	87.90	29	P	P	P	12 05 53.1	+0.7
YUK4	Talbot Arm	87.94	28	P	P	P	12 05 53.1	+0.4
YUK6	Outpost Mounta	87.96	28	P	P	P	12 05 53.0	+0.1
I27K	Kandik River	87.97	23	P	P	P	12 05 53.1	+0.4
H27K	Steamboat Moun	88.22	23	P	P	P	12 05 54.5	+0.7
S31K	Pelican	88.23	31	P	P	P	12 05 54.7	+0.8
HYT	Haines Junctio	88.33	28	P	P	P	12 05 55.2	+0.7
M29M	Somme Creek	88.33	27	Iamb	Iamb	P	12 05 55.9	
M29M	Somme Creek	88.33	27	P	P	P	12 05 54.9	+0.4
C26K	Camden Bay	88.34	19	P	P	P	12 05 54.7	+0.5
G27K	Doyon Strip	88.36	22	P	P	P	12 05 55.0	+0.6
DAWY	Dawson	88.40	25	P	P	P	12 05 55.3	+0.6
DAWY	Dawson	88.40	25	P	P	P	12 05 55.2	+0.5
P30M	Million Dollar	88.41	29	P	P	P	12 05 55.7	+0.9
SIT	Sitka	88.49	32	P	P	P	12 05 56.0	+0.8
PLBC	Pleasant Camp	88.53	30	P	P	P	12 05 56.0	+0.7
I28M	Miner Creek	88.59	24	Iamb	Iamb	P	12 05 57.7	
I28M	Miner Creek	88.59	24	P	P	P	12 05 55.5	-0.1
C27K	Jag River	88.62	19	P	P	P	12 05 56.0	+0.4
L29M	L29M	88.67	26	Iamb	Iamb	P	12 05 57.5	
L29M	L29M	88.67	26	P	P	P	12 05 56.7	+0.7
N30M	Aishikik Lake	88.69	28	P	P	P	12 05 56.4	+0.3
E27K	Coleen River							

7d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include SONMI Songino Array, CMAR Chiang Mai Arr, YKA Yellowknife Arr, etc.

IDC 07 12:12:09.4.2.0.5:90S:142.43E,h0km,mb3.8/3, mbmp3.9/4,ML3.2/6, Error ellipse: s-maj=84.6km s-min=30.1km az=05.0

ISC 07 12:12:10.1-1.7.6.3S:0.2:142.2E:0.5,h10km,n5,c252/7, mb3.9/3, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga, ASAR Alice Springs, etc.

BJI 07 12:17:57.0-0.0.35:65N:141.32E,h50km,mb4.6/32, mb4.7/12

NEIC 07 12:18:04.0.2.0.35:77N:0:06:140:84E:0:09,h46km,8km, mb4.6/19, Error ellipse: s-maj=10.9km s-min=7.9km az=99.0

NIED 07 12:18:04.2.35:87N:140:64E,h52km,MW4.3, Moment Tensor Solution... s-maj=16.6km s-min=7.8km az=70.0

JMA 07 12:18:04.2.0.2.35:9N:0:5:140:6E:0.8,h52km,1km, MD4.2/40,MV3.7/40, SOUTHERN IBARAKI PREF

JMA 07 12:18:05.0.1.7.35:75N:140:54E,h53km,15km,mb3.8/23, mbmp4.1/28,ML3.6/5,MS3.3/5, Error ellipse: s-maj=16.6km s-min=7.8km az=70.0

ISC 07 12:18:04.1-0.6.35:79N:0:04:140:72E:0:05,h49km,5km, n123,c153/109,mb4.3/41,MS3.2/13, Near East coast of eastern Honshu

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include JIHU Itakohorinouch, JSMT Sammumatsuo, JHYU Hitachinakyang, etc.

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Main table with columns: JOW Kunigami, BNX BinXian, KLR Kul'dur, etc. Rows include JOW Kunigami, BNX BinXian, KLR Kul'dur, NJ2 Nanjing, etc.

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Main table with columns: TORO Torodi Arr, QSPA South Pole Qui, ELIB Princess Elisa, etc. Rows include TORO Torodi Arr, QSPA South Pole Qui, ELIB Princess Elisa, LPAZ La Paz, etc.

EAHA	Aohua	0.81	259	P	Pn	12 55 48.0	+0.7
EAHA	baz=256			S	Sn	12 56 00.7	+0.4
NDS	Dongshan	0.83	280	P	Pn	12 55 47.0	-0.4
NDS	baz=263			S	Sn	12 55 59.4	-1.3
TIPB	Shuangxi	0.87	304	I	Pn	12 55 47.5	-0.4
TIPB	baz=299			i	Sn	12 55 59.9	-1.4
TWE	Neicheng	0.90	285	i	Pn	12 55 48.0	-0.1
TWE	baz=280			i	Sn	12 56 00.9	-0.9
SX11	Grass Mountain	0.91	312	P	Pn	12 55 48.0	-0.3
SX11	baz=311			e	Sn	12 56 00.8	-1.4
NWF	Wu-fen Shan	0.96	308	i	Pn	12 55 48.9	0.0
NWF	baz=300			e	Sn	12 56 02.6	-0.7
WFSB	Wu-fen Shan	0.96	308	P	Pn	12 55 48.9	0.0
WFSB	baz=300			S	Sn	12 56 01.7	-1.4
ETL	Fush Village	0.96	250	P	Pn	12 55 48.2	-0.8
ETL	baz=241			S	Sn	12 56 02.1	-1.2
ENTT	Nioudou	0.97	279	i	Pn	12 55 49.2	+0.2
ENTT	baz=280			e	Sn	12 56 03.9	+0.6
FUSB	Fushanzhiwuyua	0.97	286	P	Pn	12 55 49.1	0.0
FUSB	baz=291			S	Sn	12 56 02.8	-0.8
NACB	Ninganchiao	0.98	252	P	Pn	12 55 48.5	-0.7
NACB	baz=244			S	Sn	12 56 02.5	-1.1
LATG	Datong	0.99	273	P	Pn	12 55 49.3	-0.1
LATG	baz=264			S	Sn	12 56 03.6	-0.4
NDT	Datong Townshi	1.01	277	P	Pn	12 55 49.7	+0.2
NDT	baz=278			S	Sn	12 56 04.6	+0.4
TNOU	National Taiwa	1.01	311	P	Pn	12 55 49.1	-0.3
TNOU	baz=304			e	Sn	12 56 04.4	+0.2
TWD	Chiawan	1.01	247	P	Pn	12 55 49.2	-0.3
TWD	baz=238			i	Sn	12 56 03.5	-0.8
IRIF	Iriomote-Funau	1.03	98	P	Pn	12 55 49.8	+0.2
IRIF	baz=239			S	Sn	12 56 04.7	+0.3
HWA	Hwallien	1.05	241	e	Pn	12 55 50.2	+0.2
HWA	baz=239			i	Sn	12 56 05.6	+0.6
NWLT	Wulai	1.05	286	i	Pn	12 55 49.9	-0.1
NWLT	baz=291			i	Sn	12 56 04.4	-0.7
TWA	Mucha	1.06	298	P	Pn	12 55 49.5	-0.5
TWA	baz=289			i	Sn	12 56 04.2	-1.1
NHDX	Xindian Distri	1.10	296	e	Pn	12 55 51.9	+1.4
NHDX	baz=294			S	Sn	12 56 04.7	-1.3
NNSB	Datong	1.12	267	P	Pn	12 55 50.7	-0.3
NNSB	baz=259			S	Sn	12 56 05.9	-0.9
NNS	Nan Shan	1.13	268	i	Pn	12 55 51.4	+0.4
NNS	baz=260			i	Sn	12 56 06.2	-0.7
YHNB	Yeheng	1.14	279	P	Pn	12 55 51.2	+0.1
YHNB	baz=277			S	Sn	12 56 06.7	-0.4
ETM	Tongmen	1.15	243	P	Pn	12 55 50.6	-0.5
ETM	baz=237			S	Sn	12 56 06.5	-0.6
NSK	Sanguang	1.16	280	i	Pn	12 55 51.2	-0.1
NSK	baz=278			i	Sn	12 56 06.9	-0.6
YM08	YM08	1.17	307	e	Pn	12 55 50.6	-0.7
YM08	baz=299			S	Sn	12 56 06.2	-1.3
SHUL	Shoufeng	1.19	234	P	Pn	12 55 51.3	-0.2
SHUL	baz=240			S	Sn	12 56 07.8	-0.1
LXIB	Xiulin Townshi	1.19	247	P	Pn	12 55 51.1	-0.6
LXIB	baz=245			S	Sn	12 56 06.6	-1.6
TWY	Chenhua	1.21	311	i	Pn	12 55 51.4	-0.5
TWY	baz=302			i	Sn	12 56 08.9	+0.5
TWS1	Kuangyinshan	1.25	300	i	Pn	12 55 52.0	-0.3
TWS1	baz=292			i	Sn	12 56 08.4	-0.8
NTST	Danshui	1.26	303	e	Pn	12 55 52.5	+0.1
NTST	baz=295			i	Sn	12 56 08.8	-0.6
ESL	Shilin	1.27	238	i	Pn	12 55 52.1	-0.5
ESL	baz=236			i	Sn	12 56 07.6	-2.1
WHF	Heluan Shan	1.28	255	i	Pn	12 55 53.0	-0.1
WHF	baz=258			i	Sn	12 56 09.4	-1.2
JKRS	Kuro-shima	1.29	101	P	Pn	12 55 53.7	+0.6
JKRS	baz=255			S	Sn	12 56 10.7	+0.5
TWT	Tachien	1.33	260	P	Pn	12 55 53.8	+0.3
TWT	baz=255			i	Sn	12 56 11.3	0.0
TDCB	Techi	1.35	260	e	Pn	12 55 53.1	-0.6
TDCB	baz=256			S	Sn	12 56 10.4	-1.3
EGFH	Guangfu	1.36	233	P	Pn	12 55 53.6	0.0
EGFH	baz=231			S	Sn	12 56 10.9	-0.7
WARBT	Penglin Townsh	1.36	236	P	Pn	12 55 53.1	-0.6
WARBT	baz=241			S	Sn	12 56 10.2	-1.5
NFF	Wufeng Townshi	1.37	276	P	Pn	12 55 54.0	+0.1
NFF	baz=282			i	Sn	12 56 11.9	-0.1
CHGB	Renai	1.38	252	P	Pn	12 55 54.4	+0.3
CHGB	baz=244			S	Sn	12 56 12.1	-0.5
JJI	Ishigaki jima	1.40	95	P	Pn	12 55 54.3	+0.1
JJI	baz=241			S	Sn	12 56 12.1	-0.4
OWD	Renai	1.42	248	P	Pn	12 55 52.8	-1.7
OWD	baz=241			S	Sn	12 56 12.4	-0.8
WUSB	Renai	1.45	251	P	Pn	12 55 55.3	+0.3
WUSB	baz=244			S	Sn	12 56 13.6	-0.4
LIOB	Emei	1.47	277	i	Pn	12 55 55.2	+0.2
LIOB	baz=275						

LIOB	baz=275			i	Sn	12 56 14.1	0.0
HGSD	Ruisui	1.47	228	P	Pn	12 55 54.6	-0.5
HGSD	baz=224			S	Sn	12 56 13.8	-0.3
NSTT	Nanjiang	1.48	276	P	Pn	12 55 55.3	+0.2
NSTT	baz=274			i	Sn	12 56 14.0	-0.3
EHYH	Wanrong	1.52	230	P	Pn	12 55 56.4	+0.6
EHYH	baz=236			S	Sn	12 56 14.0	-1.4
VWDT	VWDT	1.53	242	P	Pn	12 55 56.0	+0.2
VWDT	baz=234			S	Sn	12 56 14.9	-0.6
EHY	Hungye	1.53	231	i	Pn	12 55 55.1	-0.8
EHY	baz=229			i	Sn	12 56 13.4	-2.2
WHP	Wanrong City	1.54	263	P	Pn	12 55 57.8	+1.8
WHP	baz=259			S	Sn	12 56 16.8	+1.0
JJSG	Ishigakijimahi	1.55	86	P	Pn	12 55 56.1	+0.1
JJSG	baz=259			e	Sn	12 56 15.9	-0.2
WCS	Beigang Elemen	1.61	255	P	Pn	12 55 57.1	-0.2
WCS	baz=250			S	Sn	12 56 19.5	+2.1
YULB	Yu-li	1.62	228	P	Pn	12 55 56.6	-0.5
YULB	baz=235			S	Sn	12 56 16.4	-1.3
EYUL	EYUL	1.64	227	i	Pn	12 55 57.4	+0.1
EYUL	baz=234			i	Sn	12 56 17.5	-0.5
TWF1	TWF1	1.65	227	i	Pn	12 55 56.9	-0.5
TWF1	baz=234			i	Sn	12 56 17.2	-1.1
NMLH	Miaoli	1.66	272	e	Pn	12 55 58.0	+0.5
NMLH	baz=270			e	Sn	12 56 18.8	+0.2
SSLB	Suanguang	1.67	246	P	Pn	12 55 57.6	0.0
SSLB	baz=240			S	Sn	12 56 19.0	+0.2
SMLT	Sun Moon Lake	1.68	249	i	Pn	12 55 58.9	+1.1
SMLT	baz=244			e	Sn	12 56 19.4	+0.3
TWQ1	TWQ1	1.69	266	e	Pn	12 55 57.0	-0.8
TWQ1	baz=264			S	Sn	12 56 18.4	-0.8
CHKH	Chenggong	1.71	221	P	Pn	12 55 57.7	-0.4
CHKH	baz=216			S	Sn	12 56 18.1	-1.5
TYC	TYC	1.71	251	i	Pn	12 55 59.2	+1.1
TYC	baz=243			i	Sn	12 56 20.4	+0.9
FULB	Fuli	1.76	224	i	Pn	12 55 58.8	-0.1
FULB	baz=216			i	Sn	12 56 21.0	0.0
WHYT	Whyt Township	1.79	244	P	Pn	12 55 59.5	+0.2
WHYT	baz=241			S	Sn	12 56 23.1	+1.5
CHKT	Chengkung	1.79	220	i	Pn	12 55 58.4	-0.9
CHKT	baz=214			i	Sn	12 56 19.4	-2.2
EHD	Haiduan	1.85	224	e	Pn	12 55 59.0	-1.1
EHD	baz=231			S	Sn	12 56 22.4	-0.6
WNT	Mingjian	1.86	251	e	Pn	12 56 00.8	+0.6
WNT	baz=261			S	Sn	12 56 25.9	+2.7
ECS	Chishang	1.89	223	e	Pn	12 56 00.8	+0.3
ECS	baz=231			S	Sn	12 56 25.1	+1.4
ALS	Alishan	1.92	240	i	Pn	12 56 02.3	+1.1
ALS	baz=233			i	Sn	12 56 26.4	+1.4
EDH	Donghe	1.93	219	i	Pn	12 56 00.4	-0.6
EDH	baz=213			i	Sn	12 56 23.2	-1.6
ELDTW	Lidau	1.95	229	i	Pn	12 56 01.3	-0.1
ELDTW	baz=227			i	Sn	12 56 24.1	-1.4
LDUT	Ludao	2.09	210	i	Pn	12 56 02.0	-1.1
LDUT	baz=206			i	Sn	12 56 26.3	-2.2
WCKO	Fanlu	2.12	241	e	Pn	12 56 04.3	+0.8
WCKO	baz=239			S	Sn	12 56 30.9	+1.7
STYH	Taoyuan	2.13	233	P	Pn	12 56 04.6	+0.9
STYH	baz=228			S	Sn	12 56 30.1	+0.5
TPUB	Ta-pu	2.17	237	P	Pn	12 56 05.9	+1.7
TPUB	baz=229			S	Sn	12 56 33.0	+2.5
TWGBT	Beinan	2.18	221	P	Pn	12 56 02.8	-1.5
TWGBT	baz=219			S	Sn	12 56 29.5	-1.1
TWG	Pinglang	2.18	221	i	Pn	12 56 02.7	-1.7
TWG	baz=219			i	Sn	12 56 29.6	-1.1
WTP	Ta-pu	2.21	236	i	Pn	12 56 06.6	+1.8
WTP	baz=246			i	Sn	12 56 34.2	+2.7
TWK	Hsiinying	2.29	239	P	Pn	12 56 08.3	+2.4
TWK	baz=237			i	Sn	12 56 35.5	+1.9
CHN1	Nanshi	2.31	236	e	Pn	12 56 07.8	+1.8
CHN1	baz=245			i	Sn	12 56 36.5	+2.7
SGST	Jiashian	2.33	234	P	Pn	12 56 07.3	+0.9
SGST	baz=243			i	Sn	12 56 36.0	+1.7
SLGT	Litui	2.34	231	P	Pn	12 56 08.2	+1.7
SLGT	baz=236			S	Sn	12 56 36.9	+2.4
ECL	Taimali	2.42	219	e	Pn	12 56 07.6	0.0
ECL	baz=218			S	Sn	12 56 34.7	-1.7
SSD	Sandimen	2.51	227	e	Pn	12 56 10.7	+2.0
SSD	baz=225			S	Sn	12 56 41.4	+2.8
MASBT	Mashibuluo	2.61	225	P	Pn	12 56 10.1	+0.1
MASBT	baz=223			S	Sn	12 56 43.3	+2.4
EAST	Anshuo	2.65	218	i	Pn	12 56 10.7	+0.1
EAST	baz=217			S	Sn	12 56 40.2	-1.8
LYUB	Lan-yu	2.65	201	P	Pn	12 56 09.2	-1.4
LYUB	baz=194			S	Sn	12 56 39.0	-2.9

IDC 07 13:06:33.9;1.8, 10.49N;84.34W, h116km;23km, mb3.4/7, mbtmp3.9/8, Error ellipse: s-maj=73.5km s-min=36.3km az=17.0
 NEIC 07 13:06:36.8;1.6, 10.45N;0.07;84.58W;0.08, h123km;3km, mb4.3/24, Error ellipse: s-maj=13.3km s-min=7.9km az=55.0
 UCR 07 13:06:36.3;1.4, 10.51N;84.60W, h124km;3km, MW3.9
 CATAQ 07 13:06:37.2;0.3, 10.48N;84.53W, h113km;3km, MB5.3, mb4.5, ML4.0
 ISC 07 13:06:35.9;0.6, 10.45N;0.03;84.58W;0.03, h128km;5km, m149, r1801/187, mb4.2/17, 67-C, Costa Rica

Code	Station Name	A ¹	AZ ²	Phase ID	ISC	Time	Res
						h m s	ISC

moment-rate function
NEIC 07 13:15:37.9, 1.8, 4.81S; 0.09:151.71E; 0.09:h162km,6km,
mb4.6/124 Error ellipse: s-maj=14.1km s-min=12.2km
az=218.0

ISC 07 13:15:38.1±0.5, 4.8SS; 0.05:151.66E±0.05, h166km±4km,
n478, 0.08/4/459, mb4.7/118, 1C-SD, New Britain region

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

Table with columns: RIGZ, TPUB, TPUB, etc. Lists seismic events with details like magnitude, depth, and station names.

Table with columns: GTA, SONM, NIKH, CASY, UNV, S12K, SDPT, S14K, VNSA, VNSA, GAMB, M13K, O14K, O14K, N14K, CHIR, O15K, K13K, M14K, L14K, L14K, N15K, WMQ, WMQ, M15K, P16K, S11, O16K, L15K, O16K, J14K, Q17K, N16K, K15K, P17K, O17K, M16K, OHAK, TNA, L16K, L16K, N17K, P18K, F14K, KDAD, O18K, M17K, J16K, G15K, Q19K, L17K, N18K, H16K, I17K, F15K, Q20K, K17K, J17K, M18K, P19K, P19K, L18K, N19K, TIXI, O20K, H17K, HOM, L19K, L19K, M19K, CNPM, CNPM, G17K, J18K, J18K, BRSE, F17K, N20K, M20K, L20K, H18K. Lists seismic events with details like magnitude, depth, and station names.

Table with columns: ID, Name, Az, El, Dist, Az Amb, El Amb, Dist Amb, Az Amb, El Amb, Dist Amb. Rows include C16K Lisburne Hills, CAPN Captain Cook N, E17K Hotham Inlet, J19K Poorman, D17K Noatak River, G18K Tagagawik, G18K Tagagawik, K20K Telida, K20K Telida, F18K Selawik, SEW Seward, RDOG Red Dog Mine, SKT Skwentna, SUA Susitna One, SUA Susitna One, E18K Tukpalearik C, C17K DeLong Moutai, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, H19K Roundabout Mou, J20K Nowinta River, J20K Nowinta River, PPLA Purkeypile, RC01 Rabbit Creek A, G19K Purcell Moutai, MAKZ Makanchi, I20K Naaghdeneel, CAST Castle Rocks, CAST Castle Rocks, F19K Shalercukik Mo, F19K Shalercukik Mo, CHUM Lake Minchumin, H20K Anolleneega Mo, C18K Utukok River, Q23K Middleton Isla, KNK Knik Glacier, B18K Kokolik River, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, E19K Redstone River, SML Sawmill, G11 Glacier Island, BPAW Bear Paw Mtn, F20K Avarart Lake, M23K Glacier View, C19K Lookout Ridge, H21K Melozitna Rive, D19K Kuna River, I21K Tanana, WAT1 Susitna Watana, SCM Sheep Creek Mo, EYAK Cordova Ski Ar, G21K Allakaket, RND Reindeer, WAT6 Susitna Watana, TARG Taragay, Kyrgy, A19K Wainwright, MLY Manley, MLY Manley, MCK McKinley, E20K Nigu River, KLU Klutina, D20K Etlivluk River, H22K Ishtalitna Cre, F21K Alatina River, DHY Denali Highway, NEA2 Nenana, NEA2 Nenana, I23K Minto, Yukon-K, G22K Bettles, KSH Kashi, KSH Kashi, KSH Killik River, H23K Yukon River, B20K Meade River, F22K John River, CCB Clear Creek Bu, HARP HARP, COLA College, C1XK Knifeblade Rid, P21K Paxson, HDA Harding Lake

Table with columns: ID, Name, Az, El, Dist, Az Amb, El Amb, Dist Amb, Az Amb, El Amb, Dist Amb. Rows include G23K Bananza Creek, G23K Bananza Creek, ULHL Uluhoi, POKR Poker Plat Res, K24K Donnelly Dome, ILAR Eielson Array, ILAR Eielson Array, E22K Anaktuvuk Pass, B21K Ikpikpak River, COLD Coldfoot, MESA MESA, mcARA McCarthy VSAT, BOOM Boomskeye usch, KURK Kurchatov, KURK Kurchatov, J25K Salcha River, J25K Salcha River, TKM2 Tokmak 2, L26K Log Cabin Wild, CTG Chitna Glacier, E23K Chandalar, A22K Sinclair Lake, SCRK Star Creek, B22K Teshehuk Lake, D23K Nanshukupine, PRP Porcupine Dome, KBK Karagaybulak, F24K Squaw Lake, F24K Squaw Lake, M27K Edge Creek, AK, M27K Edge Creek, AK, TOLK Toolik Lake Re, TOLK Toolik Lake Re, E24K Your Creek, H25L Birch Creek, O28M Mount Upton, CHMS Chumyush, UCH Uchto, J26L Joseph Creek, G25K Bearman Lake, AAK Ala-Archa, AAK Ala-Archa, L27K Beaver Creek, BCAR Beaver Creek A, C23K Kitlik River, YUK3 Moose Creek, USP Oспенovka, D24K Happy Valley, D24K Happy Valley, K27K Chitren, I26K Coal Creek Min, O29M Mount Kennedy, F25K Christian River, EKS2 Erkin-Say, C24K Franklin Bluff, Y29M Windy Craggy, PUK1 Talbot Arm, E25K Arctic Village, S31K Pellissier, G26K Porcupine Rive, EGAK Eagle, F26K Sheenjek River, D25K Kavik River, I27K Kandik River, HYT Haines Junction, P30M Million Dollar, QSPA South Pole Qui, QSPA South Pole Qui, PLBC Pleasant Camp, M29M Somna Creek, H27K Steamboat Moun, DAWY Dawson, DAWY Dawson, G27K Doyon Strip, L29M L29M, L29M L29M, I28M Miner Creek, C26K Camden Bay, M30M Minto, Yukon, C27K Jago River, K29M Barlow Dome, K29M Barlow Dome, N31M Braeburn, Yuko, N31M Braeburn, Yuko

Table with columns: ID, Name, Az, El, Dist, Az Amb, El Amb, Dist Amb, Az Amb, El Amb, Dist Amb. Rows include E27K Coleen River, E27K Coleen River, BTK Batkei, WHY Whitehorse, I29M Ogilvie Camp, GAR Garm, F28M Old Crow, F28M Old Crow, D27M Malcolm River, D27M Malcolm River, J30M Hart River, J30M Hart River, G29M Pine Creek, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, M31M Drury Creek, Y, E28M Babbage River, E28M Babbage River, I30M Mount Dempster, I30M Mount Dempster, P33M Teslin, Yukon, EPYK Eagle Plains, EPYK Eagle Plains, CHGR Chuyangaron, N32M Quiet Lake, S34M Telegraph Cree, FARO Faro, Yukon, E29M Blow River, D28M Stokes Point, G30M Zraai Nji, R33M Jennings River, F30M Barrier River, H31M Peel River, DLBC Dease Lake, G31M Satah River, BVAR Borovoye Array, INK Inuvik, SBC Santa Barbara, NVAR Mina Array Bea, EDW2 Edwards Air Fo, CWC Cottonwood Cre, LRMC Laurel Mtn Rad, MPMC Manual Prospec, ABKAR Akbulak array, YKA Yellowknife Ar, PDAR Pinedale Array, BRTR Keskin Array B, NOA NORPAR Array B, BOSA Boshof, STHS Stebnicka Huta, CRVS Cervenica-Dubn, TZTN Tazewell, P52A Corning, MODS Modra-Piesok, BRG Bergliesshubel, CLL Collim, ZVC Zvikov, SSPA Standing Stone, CKRC Cesky Krumlov, KHC Koperske Hory, LONY Lake Ozonia, GERES GERES Array B, LBNH Lisbeth, PAL Palisades, EKA Eskdalemuir Ar, PKME Peaks-Kenny Pk, TORD Torodi Ar. Bea, DBIC Dimbokro

ICD 07 13:17:08: 1.4, 9.21, 95N x 121.75E, h0km, mb3.5/4, mtdmp3.6/6, ML3.4/1, Error ellipse: s-maj=94.5km s-min=31.9km az=151.0 TAP 07 13:17:19.7, 23.65N, 121.27E, h1km, ML3.8, C JMA 07 13:17:19.8, 0.2, 23.65N, 121.27E, h1km, 2km, MV3.4/13, TAIWAN REGION ASIES 07 13:17:19.7, 23.65N, 121.27E, h1km, ML3.8, MV3.4 Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mrr=0.52; Mss=0.10; Mss=0.38; Mrr=0.93; Mss=0.49; Mrr=1.26; Fault plane solution: Mo1.70744x10^21 Np1: 0s143.67000°, 878.95000°, 1.89.52000°. NP2: 0s321.15000°, 811.06000°, 1.92.48000°. Principal axes: T P1g33.9490°, Azm233.2640°; N P1g0.4760°; Azm323.5840°; P P1g56.0470°; Azm54.2900°; ISC 07 13:17:20.6, 0.7, 23.65N, 121.27E, h1km, 2km, MV3.4/13, h12km, 4km, n146, s1818/220, mb3.4/4, 29C-2D, Taiwan Code Station Name Az El Phase ID Op ISC Time Res WARBt Fenglin Townsh 0.09 34 11 P Pg 13 17 23.1 -0.2 WARBt baz=55 EGFH Guangufu 0.09 75 11 P Sg 13 17 23.7 +0.4 EGFH baz=73 EGFH baz=73 EHY Hungye 0.14 185 11 P Pg 13 17 23.6 -0.4 EHY baz=159

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like EHYH Wanrong, HGHSD Ruisui, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like LONT Longtian, WTP Ta-pu, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TATO Taipei, EAST Anshuo, etc.

DJA 07 13:27:27.9±0.4, 6°S, 13°0'E, h124km, 6km, M4.3/6, mb4.2/6, mB4.9/4, ML4.4/6, Mw(mB)4.2/4, Banda Sea

MOS 07 14:07:27.4±1.7, 41°73'N, 82°66'E, h14km, mb4.2/5, Error ellipse: s-maj=7.6km s-min=5.4km az=117.2

SOME 07 14:07:33.3±1.1, 90°N, 82°43'E, h5km, MS4.2 NNC 07 14:07:34.3±0.9, 41°94'N, 82°43'E, h21km, 5km, mb4.9, mpv4.7, Error ellipse: s-maj=6.6km s-min=4.7km az=152.0

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like SAUI Saumiaki, FAKI Fak Fak, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Makgori, KHWE, BOSA, BROLN, I33MG.

CNMR 07 14:50:37.2, 36:39N, 9:70W, h16km, ML1.9
MDD 07 14:50:39.0, 0.7, 36:56N, 9:93W, h38km, mb_L2.8/B,
Error ellipse: s-maj=6.9km s-min=4.1km az=92.0

Main table listing station data for West of Gibraltar, including stations like Vila Bisbo, Sao Teotonio, Barranco-do-Ve, Castro Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gavieira, Arco, TISM, MD31, TIO, TIOU, TIOU, TTIG, GUD, OUZM.

IDC 07 14:59:03.0:13.0, 15:90S:175:19W, h0km, mb3.7/3,
mbtmp3.7/3, Error ellipse: s-maj=413.7km
s-min=67.8km az=128.0, Tonga Islands

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

IDC 07 15:23:43.3:2.2, 4:40N:126:81E, h0km, mb3.4/3,
mbtmp3.4/3, Error ellipse: s-maj=152.6km
s-min=29.6km az=66.0, Talaud Islands

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

VIE 07 15:47:44.4:0.8, 51:41N:16:46E, h0km, mb2.3/3, ml2.6/4,
Suspected Mining induced.

PRU 07 15:47:44.3:1.5, 46:16N:16:03E, h0km
ISC 07 15:47:41.7:1.2, 51:52N:0:05:16:03E, h0km, n24,
e09147, Poland

Main table listing station data for various locations, including Ostas, Upice, Dobruska-Polom, Panska Ves, etc.

SEA 07 15:55:29.1:2.0, 43:65N:0:05:125:9W, 0.1, h6km, 2km,
Error ellipse: s-maj=13.7km s-min=8.1km az=271.0
NEIC 07 15:55:26.4:1.7, 43:72N:0:03:125:55W, 0.08, h10km, 2km,
ML2.6/66, ML2.8/13(SEA), Error ellipse: s-maj=9.3km
s-min=5.1km az=268.0, Off coast of Oregon

Main table listing station data for various locations, including I02E, J01E, I03D, I03D, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUCK, HEBO, H04D, H04D, H04D, HUMO, G03D, G03D.

comp=N,40nm,4.0s
K5XB Camp Six Broad 2,26 146 Pn Pn 15 56 03.8 -1.1
I04A Tendick Farm, 2,27 47 Pn Pn 15 56 04.8 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMOR, H04A, H04A, F03A, L04D, L04D.

comp=N,28nm,0.5s
YBH Kings Mountain 2,41 37 Pn Pn 15 56 05.3 -0.7
RADR Red Mountain 2,51 151 Pn IAML 15 56 58.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H04A, H04A, F03A, L04D, L04D.

comp=N,26nm,0.7s
E03A Lebam 3,15 26 Pn Pn 15 56 15.0 -1.1
J05D Fort Rock, OR 3,17 96 Pn IAML 15 56 57.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLL, MTMW, PINE, PINE.

comp=N,12nm,4.5s
FL2 Flat Top 2 3,36 41 Pn Pn 15 56 20.4 +1.3
G06A Remic 3,39 52 Pn Pn 15 56 20.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERK, B201, B201, WISH, K05W, G06A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLWA, LON, LON, LON, REMR, REMR, I07A, I07A, I07A, LTY, LTY, G08A, G08A, G08A.

IDC 07 15:59:34.5:10.0, 1:13S:138:33E, h0km, mb3.2/2,
mbtmp3.5/3, ML4.0/1, MS2.4/1, Error ellipse:
s-maj=437.2km s-min=32.2km az=84.0, Near north
coast of Irian Jaya

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

TAP 07 16:03:04.8, 23:65N:121:27E, h11km, ML2.9, 8C-2D, C,
Taiwan

Main table listing station data for various locations, including WARBT, EGFH, EGFH, EHY, EHY, WVDT, WVDT, EHYH, EHYH, HGSB, ESL, ESL, YULB, YULB, TWF1, TWF1, EYUL, EYUL, SHUL, SHUL, OWD, OWD, SSLB, SSLB, WUSB.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WUSB, TEYL, EHYH, WHYT, etc.

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

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

NEIC 07 16:15:11.7, 10:82S:165:55E, h24km, Moment Tensor Solution. Duration: 2x3 Moment tensor: Scale 1018Nm; ...

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

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

7d 16h

G17K	Kiwalik Mouta	80.16	14	P	P	16 27 18.8	-0.2
M22K	Willow	80.19	20	I	I	16 27 22.7	
M22K	Willow	80.19	20	P	P	16 27 19.3	+0.2
J19K	Poorman	80.21	16	I	I	16 27 21.3	
J19K	Poorman	80.21	16	P	P	16 27 18.9	-0.4
PPLA	Purkeypile	80.37	18	P	P	16 27 19.4	-0.9
PMR	Palmer	80.41	20	P	P	16 27 19.1	-1.2
GCSA	Galena City Sc	80.47	15	P	P	16 27 20.0	-0.5
KNK	Knik Glacier	80.51	21	I	I	16 27 23.9	
KNK	Knik Glacier	80.51	21	P	P	16 27 20.1	-0.8
CUT	Chulitna	80.61	19	P	P	16 27 20.9	-0.5
GLI	Glacier Island	80.62	21	I	I	16 27 23.2	
GLI	Glacier Island	80.62	21	P	P	16 27 20.7	-0.8
J20K	Novinta River	80.76	17	P	P	16 27 21.3	-0.9
CAST	Castle Rocks	80.79	18	I	I	16 27 25.2	
CAST	Castle Rocks	80.79	18	P	P	16 27 21.5	-0.9
F17K	Baldwin Pennin	80.82	13	I	I	16 27 24.3	
F17K	Baldwin Pennin	80.82	13	P	P	16 27 21.9	-0.5
SML	Sawmill	80.83	20	P	P	16 27 22.1	-0.6
SML	Sawmill	80.83	20	I	I	16 27 24.7	
SML	Sawmill	80.83	20	P	P	16 27 21.2	-1.4
EYAK	Cordova Ski Ar	80.88	22	P	P	16 27 23.2	-0.7
EYAK	Cordova Ski Ar	80.88	22	P	P	16 27 22.5	-0.4
G18K	Tagagawik	80.96	14	P	P	16 27 22.5	-0.7
KAIM	Kayak Island	80.97	23	P	P	16 27 22.8	-0.6
M23K	Glacier View	81.03	20	P	P	16 27 23.3	-0.4
CHUM	Lake Minchumin	81.07	17	P	P	16 27 23.4	-0.4
I20K	Naaghedeneel	81.15	16	P	P	16 27 23.8	-0.4
SCM	Sheep Creek Mo	81.19	21	I	I	16 27 25.9	
SCM	Sheep Creek Mo	81.19	21	P	P	16 27 24.0	-0.6
H19K	Roundabout Mou	81.20	15	I	I	16 27 26.3	
H19K	Roundabout Mou	81.20	15	P	P	16 27 24.0	-0.4
E17K	Hotnam Inlet	81.23	12	P	P	16 27 24.1	-0.5
HMT	Hamilton	81.30	23	I	I	16 27 26.5	
F18K	Selawik	81.30	13	P	P	16 27 24.3	-0.7
KLU	Klutina	81.45	21	I	I	16 27 27.3	
KLU	Klutina	81.45	21	P	P	16 27 25.6	-0.4
ZAK	Zakamensk	81.46	325	eP	pmax	16 27 25.1	-1.3
ZAK	Zakamensk	81.47	19	P	P	16 27 25.2	-0.9
WAT1	Susitna Watana	81.51	12	P	P	16 27 26.1	+0.1
G19K	Purcell Mouta	81.54	14	I	I	16 27 29.2	
G19K	Purcell Mouta	81.54	14	P	P	16 27 26.1	-0.1
BGLC	Bering Glacier	81.54	23	P	P	16 27 25.6	-0.7
WAT6	Susitna Watana	81.57	20	P	P	16 27 25.6	-1.1
H20K	Anotleneega Mo	81.58	16	P	P	16 27 26.3	-0.3
C16K	Lisburne Hills	81.58	11	P	P	16 27 25.8	-0.6
BMRM	Bremner River	81.58	22	P	P	16 27 26.1	-0.6
BPWA	Bear Paw Mtn.	81.62	18	P	P	16 27 26.1	-0.7
M24K	Tolsona, Glenn	81.78	21	P	P	16 27 27.8	+0.1
M24K	Tolsona, Glenn	81.78	21	P	P	16 27 27.0	-0.7
E18K	Tukphalearik C	81.78	13	P	P	16 27 27.1	-0.4
RND	Reindeer	81.78	19	I	I	16 27 29.4	
IRK	Irkutsk	81.82	327	eP	pmax	16 27 26.5	-1.6
IRK	Irkutsk	81.85	11	P	P	16 27 27.3	-0.6
RDOG	Red Dog Mine	81.85	11	P	P	16 27 29.9	
F19K	Shaleruckik Mo	81.93	14	I	I	16 27 28.1	-0.2
F19K	Shaleruckik Mo	81.93	14	P	P	16 27 27.7	-1.1
MCK	McKinley	81.99	20	P	P	16 27 30.3	
N25K	Chitina, Valde	82.00	22	I	I	16 27 28.6	-0.3
N25K	Chitina, Valde	82.00	22	P	P	16 27 28.5	-0.7
DHY	Denali Highway	82.02	24	P	P	16 27 29.4	-0.2
MESA	MESA	82.09	24	P	P	16 27 29.5	+0.1
I21K	Tanana	82.14	17	P	P	16 27 29.6	+0.1
C17K	DeLong Mountain	82.16	11	P	P	16 27 29.5	+0.1
VRDI	Verde Repeater	82.18	22	I	I	16 27 40.3	
GLB	Gilahina Butte	82.19	22	I	I	16 27 31.0	
ISLE	Juniper Island	82.21	23	I	I	16 27 32.8	
H21K	Melozitna Riv	82.27	16	P	P	16 27 30.2	0.0
HARP	HAARP	82.33	21	P	P	16 27 30.4	-0.1
MLY	Manley	82.38	17	P	P	16 27 30.2	-0.6
MCARA	McCarthy VSAT	82.44	22	P	P	16 27 30.9	-0.2
MCARA	McCarthy VSAT	82.44	22	P	P	16 27 30.4	-0.7
E19K	Redstone River	82.56	14	P	P	16 27 31.7	+0.1
NEA2	Nenana	82.56	18	I	I	16 27 32.1	
NEA2	Nenana	82.56	18	P	P	16 27 30.8	-0.9
F20K	Avaraat Lake	82.59	14	P	P	16 27 31.0	-0.7
PAX	Paxson	82.60	20	P	P	16 27 31.8	-0.2
KMRM	Mail Ridge	82.60	47	I	I	16 27 36.1	
G18K	Utukok River	82.69	12	P	P	16 27 31.6	-0.8
G21K	Allakaket	82.73	15	P	P	16 27 31.8	-0.8
PNL	Peninsula	82.81	25	P	P	16 27 32.2	-0.9
CTG	Chitna Glacier	82.82	23	P	P	16 27 32.6	-0.7
KHMM	Horse Mountain	82.82	46	P	P	16 27 34.0	+0.3
KHMM	Horse Mountain	82.82	46	I	I	16 27 35.8	
H22K	Ishtalitna Cre	82.83	16	P	P	16 27 32.8	-0.4
LOGN	Logan Glacier	82.86	23	I	I	16 27 34.9	

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I23K	Minto, Yukon-K	82.87	18	P	P	16 27 33.2	-0.1
CCB	Clear Creek Bu	82.99	18	I	I	16 27 35.4	
K24K	Donnelly Dome	83.06	20	P	P	16 27 33.4	-0.9
MDM	Murphy Dome	83.07	18	I	I	16 27 35.3	
HDA	Harding Lake	83.09	19	P	P	16 27 33.4	-1.1
M26K	Nabesna, AK	83.10	22	P	P	16 27 33.8	-0.8
COLA	College	83.13	18	P	P	16 27 36.2	+1.6
COLA	College	83.13	18	P	P	16 27 34.0	-0.6
COLA	College	83.13	18	P	P	16 27 33.8	-0.8
COLA	College	83.13	18	I	I	16 27 33.8	-0.8
SIT	Sitka	83.14	28	P	P	16 27 33.6	-1.1
O28M	Mount Upton	83.15	24	P	P	16 27 34.0	-1.2
B18K	Kokolik River	83.18	11	P	P	16 27 34.2	-0.6
MENT	Mentasta	83.21	21	P	P	16 27 36.2	+1.1
D19K	Kuna River	83.20	13	P	P	16 27 34.3	-0.7
S31K	Pelican	83.21	27	P	P	16 27 33.8	-1.3
O02D	Mt. Diablo Mer	83.25	47	I	I	16 27 39.5	
F21K	Alatna River	83.28	15	I	I	16 27 36.8	
F21K	Alatna River	83.28	15	P	P	16 27 34.8	-0.6
H23K	Yukon River	83.30	17	P	P	16 27 34.6	-1.0
MOY	Mondy	83.34	325	eP	pmax	16 27 36.4	+0.3
MOY	Mondy	83.36	19	I	I	16 27 36.2	
IL31	comp=Z,20nm,2.7s	83.36	19	I	I	16 27 36.2	
ILAR	Eielson Array	83.36	19	P	P	16 27 35.1	-0.7
ILAR	Eielson Array	83.36	19	P	P	16 27 35.4	-0.4
ILAR	comp=Z,15nm,0.9s	83.36	19	I	I	16 27 36.2	
ILAR	comp=Z,401nm,21.6s,baz=250,slow=31	83.36	19	I	I	16 27 35.1	-0.7
ILAR	comp=Z,12nm,0.7s	83.36	19	P	P	16 27 35.1	-0.8
L26K	Log Cabin Wild	83.37	21	P	P	16 27 35.1	-0.8
CRAG	Craig	83.37	30	P	P	16 27 35.2	-0.9
C19K	Lookout Ridge	83.39	12	I	I	16 27 38.0	
C19K	Lookout Ridge	83.39	12	P	P	16 27 35.4	-0.5
POKR	Poker Plat Res	83.43	18	I	I	16 27 37.6	
POKR	Poker Plat Res	83.43	18	P	P	16 27 35.1	-1.1
E20K	Nigu River	83.44	13	P	P	16 27 36.7	+0.4
M27K	Edge Creek, AK	83.47	22	P	P	16 27 36.1	-0.5
P29M	Windy Craggy	83.48	25	I	I	16 27 37.9	
P29M	Windy Craggy	83.48	25	P	P	16 27 35.8	-0.8
K02D	Williamette Mer	83.52	44	I	I	16 27 38.7	
O29M	Mount Kennedy	83.52	24	P	P	16 27 36.5	-0.4
G22K	Bettles	83.56	16	P	P	16 27 36.9	+0.2
SCZ2	San Cruz Isl	83.64	54	P	P	16 27 36.9	-1.1
YUK3	Moose Creek	83.65	23	P	P	16 27 37.0	-0.7
U33K	Whale Pass	83.70	30	P	P	16 27 37.3	-0.4
S32K	Killisnoo	83.70	28	P	P	16 27 37.5	-0.1
D20K	Etivluk River	83.70	13	P	P	16 27 38.1	+0.6
J25K	Salcha River	83.73	19	I	I	16 27 40.5	
J25K	Salcha River	83.73	19	P	P	16 27 37.8	0.0
SMMC	Simmler	83.76	52	P	P	16 27 37.2	-1.4
SCRK	Sand Creek	83.77	20	P	P	16 27 37.7	-0.4
PKM	McFarlane Peak	83.77	53	P	P	16 27 36.7	-2.2
G23K	Bananza Creek	83.81	16	P	P	16 27 38.1	-0.1
F22K	John River	83.83	15	P	P	16 27 38.2	0.0
YBH	Yreka Blue Hor	83.84	46	I	I	16 27 40.7	
YBH	Yreka Blue Hor	83.84	46	LR	LR	17 02 08.7	
L27K	Beaver Creek	83.84	21	I	I	16 27 40.4	
L27K	Beaver Creek	83.84	21	P	P	16 27 39.4	+0.5
BCAR	Beaver Creek A	83.95	21	P	P	16 27 38.7	-0.2
PLBC	Pleasant Camp	83.97	26	P	P	16 27 38.9	-0.1
ORV	Oroville	83.97	48	I	I	16 27 40.6	
HUMO	Hull Mountain	83.97	45	I	I	16 27 41.3	
V35K	Ketchikan	84.05	31	P	P	16 27 38.8	-0.7
P30M	Hillion Dollar	84.08	25	P	P	16 27 39.6	-0.1
E21K	Killik River	84.10	14	I	I	16 27 41.2	
E21K	Killik River	84.10	14	P	P	16 27 39.1	-0.5
COLD	Coldfoot	84.14	16	P	P	16 27 39.8	+0.1
R32K	Eaglecrest	84.15	27	P	P	16 27 39.6	-0.4
AFDM	Forest Hills D	84.16	49	I	I	16 27 41.7	
SCD2	San Clemente I	84.21	55	P	P	16 27 40.0	-0.9
WRAK	Wrangell Islan	84.22	30	P	P	16 27 38.9	-1.5
J26L	Joseph Creek	84.25	20	I	I	16 27 42.3	
J26L	Joseph Creek	84.25	20	P	P	16 27 40.1	-0.3
HYL	Haines Junctio	84.25	24	P	P	16 27 40.6	0.0
PRP	Porcupine Dome	84.29	18	P	P	16 27 40.6	-0.1
L04D	Klamath Falls	84.29	45	I	I	16 27 42.5	
CMB	Columbia Colle	84.30	50	P	P	16 27 41.0	-0.3
CMB	Columbia Colle	84.30	50	I	I	16 27 42.4	
CMB	Columbia Colle	84.30	50	P	P	16 27 41.0	-0.3
E22K	Anaktuvuk Pass	84.39	15	P	P	16 27 41.3	+0.3
SKAG	Skagway	84.41	26	P	P	16 27 43.1	+1.8
SKAG	Skagway	84.41	26	P	P	16 27 41.6	+0.3
HATC	Hat Creek Radi	84.42	47	P	P	16 27 42.4	+0.5
HATC	Hat Creek Radi	84.42	47	I	I	16 28 03.9	
K27K	Chicken	84.45	20	P	P	16 27 42.1	+0.7
C21K	Knifeblade Rid	84.46	13	P	P	16 27 42.0	+0.6
BBB	Bella Bella	84.48	34	LR	LR	16 59 24.8	
B20K	Meade River	84.63	12	P	P	16 27 42.6	+0.5
B20K	Meade River	84.63	12	I	I	16 27 45.0	
B20K	Meade River	84.63	12	P	P	16 27 42.6	+0.5

PMD	Palm Desert	86.14	55	I	Amb	I	Amb	16 27 51.7
F26K	Sheenjek River	86.15	17	P	P	P	P	16 27 50.8 +1.0
YUH	Yuhua Desert	86.24	56	P	P	P	P	16 27 51.0 +0.0
N32M	Quiet Lake	86.25	25	P	P	P	P	16 27 49.3 -1.2
GSC	Goldstone, Bar	86.25	53	P	P	P	P	16 27 50.4 -0.7
M31M	Drury Creek, Y	86.25	24	P	P	P	P	16 27 49.5 -1.0
GRAC	Grapevine Rang	86.29	51	I	Amb	I	Amb	16 27 52.8
GRAC	Grapevine Rang	86.29	51	P	P	P	P	16 27 50.6 -0.6
DLBC	Dease Lake	86.29	28	P	P	P	P	16 27 49.8 -0.9
DLBC	Dease Lake	86.29	28	LR	LR	LR	LR	16 58 55.8
R33M	Jennings River	86.31	27	P	P	P	P	16 27 50.3 -0.6
C24K	Franklin Bluff	86.32	14	P	P	P	P	16 27 50.5 0.0
G27K	Doyon Strip	86.33	18	I	Amb	I	Amb	16 27 52.8
G27K	Doyon Strip	86.33	18	P	P	P	P	16 27 50.7 -0.1
SWSC	Garn W. Stewart	86.42	56	P	P	P	P	16 27 50.9 -1.0
HEC	Hector, Ludlow	86.49	54	P	P	P	P	16 27 51.8 -0.5
FURC	Furnace Creek	86.53	52	P	P	P	P	16 27 51.9 -0.4
BELC	Belle Mtn. Jos	86.54	55	P	P	P	P	16 27 52.1 -0.6
I29M	Ogilvie Camp	86.55	20	I	Amb	I	Amb	16 27 53.2
I29M	Ogilvie Camp	86.55	20	P	P	P	P	16 27 51.5 -0.3
GWY	Greenwater Val	86.60	52	I	Amb	I	Amb	16 27 54.9
D25K	Kavik River	86.63	15	I	Amb	I	Amb	16 27 53.7
D25K	Kavik River	86.63	15	P	P	P	P	16 27 52.0 -0.2
TPH	Topnotch	86.70	50	I	Amb	I	Amb	16 27 54.6
J30M	Hart River	86.80	22	P	P	P	P	16 27 52.6 -0.6
I07A	Izze	86.84	44	P	P	P	P	16 27 53.6 -0.3
BC3	Big Chuckawall	86.89	55	P	P	P	P	16 27 54.0 -0.4
WVOR	Wild Horse Val	86.93	46	I	Amb	I	Amb	16 27 55.9
TUQ	Turquoise Moun	86.98	53	P	P	P	P	16 27 53.9 -0.9
GMRC	Granite Mounta	87.02	54	P	P	P	P	16 27 54.3 -0.7
H29M	Whitestone	87.02	20	P	P	P	P	16 27 54.8 +0.7
LTY	Liberty	87.08	41	I	Amb	I	Amb	16 27 55.9
I30M	Mount Dempster	87.14	21	I	Amb	I	Amb	16 27 56.0
I30M	Mount Dempster	87.14	21	P	P	P	P	16 27 53.9 -1.0
E27K	Coleen River	87.20	17	I	Amb	I	Amb	16 27 57.4
E27K	Coleen River	87.20	17	P	P	P	P	16 27 55.9 +0.9
GLA	Glamis	87.24	56	I	Amb	I	Amb	16 27 59.6
GLA	Glamis	87.24	56	P	P	P	P	16 27 56.2 +0.2
IRM	Iron Mountain	87.27	55	P	P	P	P	16 27 56.5 +0.4
J08A	Circle Bar Ran	87.33	45	I	Amb	I	Amb	16 27 57.5
F28M	Old Crow	87.37	18	P	P	P	P	16 27 56.4 +0.6
C26K	Camden Bay	87.41	15	P	P	P	P	16 27 57.7 +0.8
C27K	Jago River	87.53	16	P	P	P	P	16 27 57.4 +0.9
G29M	Pine Creek	87.54	19	P	P	P	P	16 27 56.9 +0.2
G29M	Pine Creek	87.54	19	I	Amb	I	Amb	16 27 58.3
G29M	Pine Creek	87.54	19	P	P	P	P	16 27 56.7 +0.1
G08A	Pilot Rock	87.58	43	I	Amb	I	Amb	16 27 58.6
EPYK	Eagle Plains	87.66	20	I	Amb	I	Amb	16 27 59.0
EPYK	Eagle Plains	87.66	20	P	P	P	P	16 27 57.0 -0.3
MMPY	Sheldon Lake	87.72	24	P	P	P	P	16 27 56.9 -0.8
NEE2	Needles Airpor	87.84	54	P	P	P	P	16 27 57.6 -1.1
SHPR	Sheep Range	87.86	52	P	P	P	P	16 27 58.9 -0.2
SHPR	Sheep Range	87.86	52	I	Amb	I	Amb	16 28 01.7
V12A	Nelson	87.90	53	I	Amb	I	Amb	16 28 00.7
R11B	Troy Canyon, C	88.02	51	P	P	P	P	16 27 59.4 -0.4
113A	Mohawk Valley	88.03	56	P	P	P	P	16 27 59.6 -0.1
D27M	Malcolm River	88.04	17	I	Amb	I	Amb	16 28 01.6
D27M	Malcolm River	88.04	17	P	P	P	P	16 27 59.0 0.0
E28M	Babbage River	88.07	17	I	Amb	I	Amb	16 28 01.3
E28M	Babbage River	88.07	17	P	P	P	P	16 27 59.0 -0.1
PDMO	Parker Dam, Lak	88.11	55	P	P	P	P	16 27 59.3 -0.7
G30M	IAoh Zraii Nji	88.16	20	I	Amb	I	Amb	16 28 01.2
G30M	IAoh Zraii Nji	88.16	20	P	P	P	P	16 27 59.5 -0.1
H31M	Peel River	88.17	21	P	P	P	P	16 27 58.4 -1.2
PRN	Pahroc Range	88.18	52	I	Amb	I	Amb	16 28 02.2
E29M	Blow River	88.43	18	P	P	P	P	16 28 00.5 -0.3
TGNT	Hyland Airport	88.47	26	P	P	P	P	16 28 00.5 -0.7
W13A	Hualapai Mount	88.51	54	I	Amb	I	Amb	16 28 03.9
214A	Organ Pipe Nat	88.62	57	P	P	P	P	16 28 02.4 -0.2
214A	Organ Pipe Nat	88.62	57	I	Amb	I	Amb	16 28 04.7
214A	Organ Pipe Nat	88.62	57	P	P	P	P	16 28 01.2 -1.4
F30M	Barrier River	88.65	19	P	P	P	P	16 28 02.5 +0.7
D28M	Stokes Point	88.73	17	P	P	P	P	16 28 02.4 +0.3
TOAD	Toad River Com	88.73	29	P	P	P	P	16 28 01.5 -1.0
Q12A	Willow Creek R	88.77	50	I	Amb	I	Amb	16 28 04.9
G31M	Satah River	88.78	20	P	P	P	P	16 28 01.4 -1.0
WMQ	Urumqi	88.86	315	I	P	P	P	16 28 03.3 -0.2
WMQ	Urumqi	88.86	315	P	P	P	P	16 28 03.3 -0.2
WMQ	Urumqi	88.86	315	I	Amb	I	Amb	16 28 03.3 -0.2
ELK	Elko	88.91	48	I	Amb	I	Amb	16 28 06.4
ELK	Elko	88.91	48	LR	LR	LR	LR	17 04 38.8
F10A	Beach Range, E	88.94	43	I	Amb	I	Amb	16 28 05.9
LPIG	La Paz	89.05	65	LR	LR	LR	LR	17 00 14.3
SPR3	Spring Creek 3	89.13	50	I	Amb	I	Amb	16 28 06.5
LCMT	Little Creek M	89.48	52	P	P	P	P	16 28 07.1 +0.5
LCMT	Little Creek M	89.48	52	I	Amb	I	Amb	16 28 08.3

CCUT	Cedar City	89.51	52	I	Amb	I	Amb	16 28 08.8
NEW	Newport	89.67	41	P	P	P	P	16 28 05.9 -1.3
NEW	Newport	89.67	41	LR	LR	LR	LR	17 00 41.0
INK	Inuvik	89.75	19	P	P	P	P	16 28 06.3 -0.7
INK	Inuvik	89.75	19	LR	LR	LR	LR	17 02 12.6
KNB	Kanab	89.81	52	P	P	P	P	16 28 07.3 -0.9
KNB	Kanab	89.81	52	I	Amb	I	Amb	16 28 10.1
KNB	Kanab	89.81	52	P	P	P	P	16 28 07.3 -0.9
U15A	North Rim	90.08	53	I	Amb	I	Amb	16 28 11.5
HLID	Halley	90.22	46	P	P	P	P	16 28 09.7 -0.4
PKCU	Pink Cliffs	90.30	52	I	Amb	I	Amb	16 28 13.2
TUC	Tucson	90.38	57	P	P	P	P	16 28 10.8 -0.1
TUC	Tucson	90.38	57	P	P	P	P	16 28 10.1 -0.8
TUC	Tucson	90.38	57	P	P	P	P	16 28 10.8 -0.1
TCRU	Three Creeks R	90.47	51	I	Amb	I	Amb	16 28 15.1
MTPU	Mount Pierson	90.54	51	I	Amb	I	Amb	16 28 14.1
DUG	Duway, Tooele	90.56	49	P	P	P	P	16 28 10.5 -1.1
WUAZ	Wupatki	90.60	54	I	Amb	I	Amb	16 28 15.5
WUAZ	Wupatki	90.60	54	P	P	P	P	16 28 11.0 -1.0
BELA	Belgrano 2	90.70	176	I	Amb	I	Amb	16 28 12.7
HVU	Hanse Valley	90.96	48	I	Amb	I	Amb	16 28 15.0
NLU	North Lily Min	91.06	50	I	Amb	I	Amb	16 28 15.5
M16A	Missoula	91.36	43	P	P	P	P	16 28 14.4 -0.8
QSO	Castle Valley	91.51	51	I	Amb	I	Amb	16 28 28.6
TMUT	Trail Mountain	91.56	50	I	Amb	I	Amb	16 28 20.8
ZSN	Zaisan	91.72	318	eP	P	P	P	16 28 16.3 -0.4
ZSN	Zaisan	91.72	318	eP	P	P	P	16 28 16.2 -0.4
W18A	Petrified Fore	91.83	55	I	Amb	I	Amb	16 28 19.2
W18A	Petrified Fore	91.83	55	P	P	P	P	16 28 16.4 -1.3
DUN6	Lazy B Ranch	91.83	57	I	Amb	I	Amb	16 28 30.2
DLMT	Dillon	91.92	44	P	P	P	P	16 28 17.8 -0.1
BSUT	Blindstream Ca	92.17	49	I	Amb	I	Amb	16 28 20.7
P18A	Prescott Nutter	92.36	50	I	Amb	I	Amb	16 28 37.0
BOZ	Bozeman (W)	92.64	44	I	Amb	I	Amb	16 28 22.6
BOZ	Bozeman (W)	92.64	44	P	P	P	P	16 28 20.5 -0.7
YHL	Hebgen Lake	92.78	45	I	Amb	I	Amb	16 28 23.9
121A	Cookes Peak, D	92.91	58	P	P	P	P	16 28 22.8 +0.1
121A	Cookes Peak, D	92.91	58	P	P	P	P	16 28 22.9 +0.1
H17A	Grant Village	93.11	46	P	P	P	P	16 28 22.8 -0.6
C36M	Paultuk	93.28	20	P	P	P	P	16 28 23.2 -0.1
MK31	Makanchi Array	93.28	317	I	Amb	I	Amb	16 28 24.9
MK31	Makanchi Array	93.28	317	eP	P	P	P	16 28 23.7 -0.2
MKAR	Makanchi Array	93.28	317	P	P	P	P	16 28 22.9 -1.0
MKAR	Makanchi Array	93.28	317	P	P	P	P	16 28 23.7 -0.2
MKAR	Makanchi Array	93.28	317	P	P	P	P	16 32 06.2 -2.0
MKAR	Makanchi Array	93.28	317	P	P	P	P	16 45 30.7 -1.3
MKAR	Makanchi Array	93.28	317	P	P	P	P	17 13 15.8
ZAAO	Zalesovo Array	93.31	324	P	P	P	P	16 28 22.2 -1.6
ZAAO	Zalesovo Array	93.31	324	I	Amb	I	Amb	16 28 23.7
ZALV	Zalesovo Beam	93.31	324	P	P	P	P	16 28 22.0 -1.8
ZALV	Zalesovo Beam	93.31	324	P	P	P	P	16 28 22.7 -1.1
ZALV	Zalesovo Beam	93.31	324	LR	LR	LR	LR	17 09 29.4
MAK2	Makanchi	93.50	317	P	P	P	P	16 28 24.2 -0.7
MAK2	Makanchi	93.50	317	P	P	P	P	16 28 24.2 -0.7
MAK2	Makanchi	93.50						

Table with columns: CPUD, Villa Florida, 124.26 132, PKP, PKPdf, 16 34 08.2 -0.3, etc. Lists various astronomical objects and their properties.

Table with columns: PMRV, Marv??o, 150.85 349, ePKPab, PKPab, 16 35 11.9 +2.8, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: VRF, Vario, 3.44 74, eP, Pn, 16 02 17.0 +1.5, etc. Lists astronomical objects, including a large section for the 'HAWAIIAN ISLANDS' region.

PCDR	eS	Sn	18 52 22.4	-2.5	
PCDR	IAML		18 52 28.7		
comp=Z,115nm,0.9s					
SADR	0.68 275	eP	18 52 13.8	-0.3	
SADR		eSg	18 52 28.4	+0.9	
SADR		IAML	18 52 28.4		
comp=E,306nm,0.4s					
SADR		IAML	18 52 29.3		
comp=N,249nm,0.3s					
SADR		IAML	18 52 29.3		
comp=N,219nm,0.3s					
SADR		IAML	18 52 29.3		
SADR	0.68 275	eP	18 52 14.0	-0.2	
SADR		IAML	18 52 28.4		
comp=E,306nm,0.4s					
SADR		IAML	18 52 29.3		
comp=N,249nm,0.3s					
SADR		IAML	18 52 29.3		
comp=N,219nm,0.3s					
HIDR	0.77 307	eSg	18 52 25.6	-3.4	
HIDR		IAML	18 52 29.6		
comp=N,280nm,0.2s					
HIDR	0.77 307	IAML	18 52 29.3		
comp=N,320nm,0.2s					
HIDR		IAML	18 52 29.3		
comp=N,280nm,0.2s					
PRSN	0.88 84	eP	18 52 16.5	+0.5	
PRSN		eS	18 52 28.3	-2.5	
PRSN	0.88 84	eS	18 52 16.5	+0.5	
PRSN		eSg	18 52 28.3	-2.5	
PRSN	0.88 84	IAML	18 52 28.3		
comp=N,146nm,0.3s					
PRSN		IAML	18 52 35.4		
comp=E,113nm,0.3s					
CRPR	0.92 98	eP	18 52 15.5	-0.9	
CRPR		eS	18 52 30.1	-1.3	
CRPR	0.92 98	eS	18 52 30.1	-1.3	
CRPR	0.92 98	eS	18 52 15.5	-0.9	
CRPR	0.92 98	IAML	18 52 29.7		
comp=N,29nm,0.2s					
CRPR		IAML	18 52 33.9		
comp=E,30nm,0.2s					
CRPR	0.92 98	eP	18 52 15.4	-1.0	
CRPR		eSg	18 52 29.7	-1.8	
CRPR		IAML	18 52 30.2		
comp=N,32nm,0.2s					
CRPR		IAML	18 52 33.9		
comp=N,30nm,0.2s					
CRPR	0.92 98	iP	18 52 15.3	-1.1	
CRPR		IAML	18 52 30.3		
comp=N,25nm,1.4s					
LSP	0.93 87	eP	18 52 15.7	-0.9	
LSP		eS	18 52 31.2	-0.7	
LSP	0.93 87	eS	18 52 15.7	-0.9	
LSP		eSg	18 52 31.2	-0.7	
AGPR	0.97 70	eP	18 52 15.8	-1.1	
AGPR		eS	18 52 30.6	-1.8	
AGPR	0.97 70	eS	18 52 15.8	-1.1	
AGPR		eSg	18 52 30.6	-1.8	
AGPR	0.97 70	IAML	18 52 37.5		
comp=N,134nm,0.3s					
AGPR	0.97 70	eP	18 52 15.4	-1.5	
AGPR		eSg	18 52 30.7	-1.7	
AGPR		IAML	18 52 31.0		
comp=N,116nm,0.5s					
AGPR		IAML	18 52 32.7		
comp=E,144nm,0.3s					
AGPR	0.97 70	eP	18 52 15.4	-1.5	
AGPR		eSg	18 52 30.5	-1.9	
AGPR		IAML	18 52 31.2		
comp=N,115nm,0.2s					
AGPR		IAML	18 52 32.7		
comp=E,144nm,0.3s					
AGPR	0.97 70	iP	18 52 15.5	-1.4	
AGPR		eS	18 52 29.8	-2.6	
AGPR		IAML	18 52 35.8		
comp=Z,69nm,0.6s					
MLPR	0.98 99	eP	18 52 15.8	-1.2	
MLPR		eS	18 52 31.1	-1.6	
MLPR	0.98 99	eS	18 52 15.8	-1.2	
MLPR		eSg	18 52 31.1	-1.6	
MLPR	0.98 99	eP	18 52 15.8	-1.3	
MLPR		IAML	18 52 34.3		
comp=N,31nm,0.4s					
MLPR		IAML	18 52 35.4		
comp=N,34nm,0.2s					
MLPR	0.98 99	eP	18 52 15.8	-1.3	
MLPR		IAML	18 52 34.3		
comp=N,34nm,0.2s					
MLPR		IAML	18 52 35.4		
GBPR	1.14 98	eP	18 52 17.9	-0.9	
GBPR		eS	18 52 34.8	-0.9	
GBPR	1.14 98	eS	18 52 17.9	-0.9	
GBPR		eSg	18 52 34.8	-0.9	
AOPR	1.27 80	eP	18 52 18.7	-1.5	
AOPR		eS	18 52 36.5	-1.8	
AOPR	1.27 80	eS	18 52 18.7	-1.5	
AOPR		eSg	18 52 36.5	-1.8	
AOPR	1.27 80	eP	18 52 18.6	-1.6	
AOPR		eSg	18 52 36.0	-2.3	
AOPR		IAML	18 52 38.3		
comp=N,285nm,0.2s					
AOPR		IAML	18 52 38.7		
comp=E,416nm,0.3s					
AOPR	1.27 80	eP	18 52 18.6	-1.6	
AOPR		eSg	18 52 36.0	-2.3	
AOPR		IAML	18 52 38.3		
comp=N,285nm,0.2s					
AOPR		IAML	18 52 38.7		
comp=E,416nm,0.3s					
UUPR	1.28 84	eP	18 52 19.7	-0.7	
UUPR		eS	18 52 37.2	-1.4	
UUPR	1.28 84	eS	18 52 19.7	-0.7	
UUPR		eSg	18 52 37.2	-1.4	
OBIP	1.39 93	eP	18 52 20.6	-1.0	
OBIP		eS	18 52 39.9	-0.9	
OBIP	1.39 93	eS	18 52 20.6	-1.0	
OBIP		eSg	18 52 39.9	-0.9	
HATOM	1.41 298	eP	18 52 20.6	-1.3	
HATOM		eSg	18 52 38.9	-2.3	
HATOM		IAML	18 52 40.3		
comp=E,49nm,0.2s					
HATOM		IAML	18 52 42.6		
comp=N,46nm,0.3s					
HATOM	1.41 298	eP	18 52 20.6	-1.3	
HATOM		eSg	18 52 39.0	-2.3	
HATOM		IAML	18 52 40.3		
comp=E,49nm,0.2s					
HATOM		IAML	18 52 42.6		
comp=N,46nm,0.3s					
CELP	1.42 92	eP	18 52 20.5	-1.4	
CELP		eS	18 52 40.3	-1.1	
CELP	1.42 92	eS	18 52 20.5	-1.4	
CELP		eSg	18 52 40.3	-1.1	
CELP	1.42 92	IAML	18 52 44.1		
comp=N,50nm,0.2s					
CELP		IAML	18 52 44.1		
comp=E,33nm,0.3s					
CELP	1.42 92	eP	18 52 20.7	-1.3	
CELP		eSg	18 52 40.2	-1.2	
CELP		IAML	18 52 44.9		
comp=N,48nm,0.3s					
CELP	1.42 92	eP	18 52 20.7	-1.3	
CELP		eSg	18 52 40.2	-1.2	
CELP		IAML	18 52 44.9		
comp=N,48nm,0.3s					
EMPR	1.50 76	eP	18 52 21.2	-1.7	
EMPR		eS	18 52 41.0	-2.1	
EMPR	1.50 76	eS	18 52 21.2	-1.7	
EMPR		eSg	18 52 41.0	-2.1	
SMDR	1.57 317	eP	18 52 23.4	-0.4	
SMDR		IAML	18 52 46.9		
comp=N,90nm,1.1s					
IGPR	1.87 95	eP	18 52 27.0	-0.6	
IGPR		eS	18 52 49.8	-1.5	
IGPR	1.87 95	eS	18 52 27.0	-0.6	
IGPR		eSg	18 52 49.8	-1.5	
IGPR	1.87 95	IAML	18 52 54.3		
comp=N,59nm,0.3s					
IGPR		IAML	18 53 06.3		
comp=N,39nm,0.3s					

GCPR	Guaynabo City	1.89 84	Pn	Pn	18 52 24.4	-3.4	
GCPR					18 53 09.5		
comp=N,21nm,1.4s							
HUMP	Col San Antoni	2.11 89	eP	Pn	18 52 29.4	-1.1	
HUMP	Col San Antoni	2.11 89	eS	Pn	18 52 29.4	-1.1	
HUMP	Col San Antoni	2.11 89	IAML		18 52 59.2		
comp=N,24nm,0.2s							
HUMP					18 52 59.2		
comp=E,37nm,0.2s							
SDDR	Presa de Saban	3.17 286	Pn	Pn	18 52 44.8	+0.2	
SDDR					18 53 40.5		
comp=E,20nm,2.9s							
SDDR					18 54 34.6		
comp=E,20nm,3.1s							
TEH 07	18:56:30.7,35°31'N,45°73'E,h12km,ML2.6						
ISN 07	18:56:30.4,0.6,35°33'N,45°77'E,h18km,263km,ML2.6						
ISC 07	18:56:30.1,1.0,35°37'N,0.04,45°79E,0.05,h10km,n12,						
o588/15,Iran-Iraq border region							
Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time Res	ISC
						h m s	
SDS1	Sardasht. Az.	0.81 342	Pg	Pn	18 56 48.1	+0.2	
IDHR	Dehresh	1.06 144	Pg	Pn	18 56 46.9	+0.6	
ILIN	Lien	1.06 115	Pg	Pn	18 56 51.9	+0.7	
IKRK	Kirkuk	1.18 272	eP	Pb	18 56 52.0	-0.7	
IKRK			eSg	Pb	18 57 07.0	-1.0	
IKRK			AML	AML	18 57 12.7		
comp=E,141nm,0.6s							
IKRK			AML	AML	18 57 14.8		
comp=N,111nm,0.5s							
IGHG	Ghaleghazi	1.22 148	Pg	Pb	18 56 51.1	-2.3	
GLG1	Gilan-e-Gharb	1.26 175	Pg	Pb	18 56 53.8	-0.2	
MAHS	Mahabad	1.39 387	Pg	Pg	18 56 57.5	+0.6	
KCHF	Cheshme Sefid,	1.50 136	Pg	Pg	18 56 59.2	+0.2	
SNQR	Sonqor, Kerman	1.59 108	Pg	Pg	18 57 01.2	+0.5	
ILBA	Ilam Banvizeh	1.78 169	Pg	Pb	18 57 03.1	+0.3	
IBDR	Badra	2.26 177	eP	Pn	18 57 08.0	+0.5	
IBDR			eS	Pn	18 57 36.0	+0.6	
BHD	Baghdad	2.40 209	eP	Pn	18 57 10.0	+0.6	
BHD			eS	Pn	18 57 39.0	+0.2	
ANF 07	19:18:01.7,0.4,64°87'N,173°38'W,h0km,ML4.5/16,Error						
ellipse: s-maj=4.7km s-min=1.9km az=90.0							
NER 07	19:18:04.2,64°87'N,173°50'W,h4km						
IDC 07	19:18:06.5,1.5,64°86'N,173°52'W,h0km,mb3.6/9,						
mbmp3.6/12,ML3.1/3,MS3.1/9,Error ellipse:							
s-maj=42.4km s-min=15.6km az=9.0							
ISC 07	19:18:04.9,0.5,64°78'N,0.04,173°51'W,0°03,h10km,						
n133,e299/154,mb3.9/9,MS3.3/6,1C,Eastern Siberia							
Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time Res	ISC
						h m s	
PVDR	Provideniya	0.38 160	iP	Pb	19 18 12.9	-0.8	
PVDR			Pgmax		19 18 14.0		
7µm,0.4s							
PVDR			iP	Pn	19 18 18.9	+2.4	
PVDR			Sgmax		19 18 19.9		
5µm,0.3s							
PVDR			Sgmax		19 18 19.9		
15µm,0.7s							
GAMB	Gambell	1.28 141	P	Pn	19 18 26.2	-2.7	
GAMB			S	Sb	19 18 42.7	-2.9	
comp=N,116nm,0.5s							
GAMB			S	Sb	19 18 41.7	-3.7	
comp=N,116nm,0.5s							
TNA	Tin City	2.48 69	P	Pn	19 18 14.8	-0.9	
TNA			S	Sn	19 18 14.8	-0.9	
comp=N,253,SNR=11							
TNA			S	Sn	19 18 14.8	-0.9	
comp=N,253,SNR=11							
F14K	Arctic Creek	3.11 74	P	Pn	19 18 49.9	-4.1	
F14K			Sb	Sb	19 19 34.9	-3.4	
comp=N,260,SNR=15							
F14K			Sb	Sb	19 19 34.9	-3.4	

Table with columns: KDKA, Kodiak Island, 12.22 115 Pn, 19 21 00.4 +1.7, etc.

Table with columns: BVAR, Borovoye Array, 66.09 339 P, 19 46 43.1 +0.5, etc.

Table with columns: SAML, Samuel, 72.17 232 P, 20 03 49.5 +0.6, etc.

NEIC 07 19:35:59.4+2.2, 6.8S:0.10x104.06E:0.03, h35km,2km, mb4.3/13, Error ellipse: s-maj=17.4km s-min=3.7km az=165.0

IDC 07 19:36:07.4, 9.634S: 104.49E, h84km,40km, mb3.6/9, mbmp4.0/11, Error ellipse: s-maj=51.5km s-min=18.9km az=50.0

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

IDC 07 19:37:52.6: 6.1, 9.22:61S:178:51W, h0km, mb4.3/4, mbmp4.3/4, Error ellipse: s-maj=52.6km s-min=38.3km az=14.0

NEIC 07 19:38:45.5: 0.8, 23:1S:0.1x179:3W:0.2, h496km, 14km, mb4.6/29, Error ellipse: s-maj=24.1km s-min=15.5km az=122.0

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

IDC 07 20:01:41.1: 0.5, 9:30S:0.06x45:68E, h0km, mb3.8/14, mbmp3.9/17, ML3.9/3, MS3.5/15, Error ellipse: s-maj=17.8km s-min=12.6km az=142.0

NEIC 07 20:01:42.5: 1.6, 13:0S:0.1x45:6E:0.1, h10km, 1km, mb4.5/14, Error ellipse: s-maj=21.6km s-min=17.4km az=113.0

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

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Table with columns: DRS, Darwin Rock St, 7.50 190 P, Pn, 21 21 47.5 +3.2, etc. Includes stations like Kakadu, Mantong Dam, SOEI, etc.

Table with columns: JFY, Ryogami san, 1.38 97 eP, Pn, 21 42 20.4 +1.0, etc. Includes stations like JRG, Wachi, JOD2, etc.

Table with columns: ASHO, Ashiyiah, 4.87 260 P, Pn, 22 32 44.3 0.0, etc. Includes stations like ARQ, Al Faqa, ASUD, etc.

Table with columns: IDC 07 21:41:40.8, 0.5, 36.18N, 137.14E, h260km, 5km, mb3.4/5, etc. Includes station codes like JGN, JGF, etc.

Table with columns: DSN 07 22:31:30.1, 2.1, 25.66N, 61.43E, h15km, ML2.8/6, Error ellipse, etc. Includes station codes like BIDO, WKB, etc.

Table with columns: ASIES 07 22:31:44.3, 23.65N, 121.27E, h11km, ML3.6, MV3.3, etc. Includes station codes like ASHO, ARQ, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NACB	Ninganchiao	0.59	29	P	Pg	22 31 55.9 -0.3
NACB	Ninganchiao	0.59	29	↑P	Pg	22 31 55.7 -0.5
baz=28				eS		22 32 03.5 -0.5
WNT1	Nantou City	0.60	295	eP	Sg	22 23 58.0 -1.2
WNT1				eS		22 23 08.0 -0.8
TWT	Tachien	0.60	351	P	Pg	22 21 56.6 +0.2
TWT				eS		22 22 03.7 -0.7
TDCB	Techi	0.61	350	eP	Pg	22 21 56.5 0.0
TDCB				eS		22 22 04.9 +0.4
WCKO	Fanlu	0.65	251	eP	Pb	22 21 58.1 +0.1
WGK	Gukeng	0.66	273	P	Pn	22 21 59.0 -0.9
STYH	Taoyuan	0.67	224	eP	Pg	22 21 57.2 -0.3
STYH				eS		22 23 05.8 -0.5
WDLH	Douliu	0.68	273	eP	Pn	22 21 59.6 -0.5
EDH	Donghe	0.68	178	eP	Pb	22 21 58.7 +0.2
STYT	Tauyuan	0.68	224	P	Pg	22 21 57.7 -0.1
STYT				eS		22 22 07.4 -0.7
TPUB	Ta-pu	0.69	239	P	Pb	22 21 58.6 -0.1
TPUB				↑P		22 21 58.6 -0.1
TPUB				S		22 22 09.6 -1.5
WHP	Taichung City	0.69	334	eP	Sb	22 21 58.7 0.0
WHP				eS		22 22 08.2 -0.1
WTP	Ta-pu	0.73	236	↑P	Pb	22 21 59.4 -0.1
WTP				S		22 22 09.5 0.0
CHN2	Minshiang	0.75	261	eP	Sb	22 22 00.5 -0.6
LONT	Longtian	0.76	190	P	Pb	22 21 59.5 -0.3
LONT				eS		22 22 09.5 -0.7
NNSB	Datong	0.78	7	↑P	Pg	22 21 59.4 -0.2
NNSB				S		22 22 10.1 +0.2
NNS	Nan Shan	0.79	6	eP	Sg	22 21 59.9 0.0
NNS				eS		22 22 10.6 -0.6
EAHA	Aohua	0.79	32	eP	Pg	22 21 59.7 -0.3
EAHA				eS		22 22 11.1 -0.1
YJY	Tuku	0.81	273	P	Pb	22 22 01.2 -0.9
YJY				eS		22 22 01.1 +0.2
TWK	Hsiinying	0.82	242	P	Pb	22 22 02.1 -0.2
TWK				eS		22 22 02.1 -0.2
CHN1	Nanshi	0.83	236	↑P	Pb	22 22 01.5 -0.8
CHN1				eS		22 22 13.8 -0.7
SNST	Tainan City	0.84	239	eP	Pn	22 22 01.5 -0.8
TWG	Pinlang	0.85	193	eP	Pg	22 22 00.7 -0.3
TWG				eS		22 22 01.1 -0.3
TWG				eP		22 22 00.5 -0.6
SGST	Jiashian	0.85	228	P	Pb	22 22 00.9 -0.6
WRL	Guolierlin Hig	0.86	287	eP	Pn	22 22 02.0 -0.7
WRL				eS		22 22 14.2 -1.1
SLGT	Liugui	0.88	222	eP	Pb	22 22 01.8 0.0
SLGT				eP		22 22 03.8 +0.6
NSY	Sanyi	0.91	15	↑P	Pg	22 22 01.8 -0.3
LATG	Datong	0.91	15	↑P	Pg	22 22 13.7 -0.3
LATG				S		22 22 01.8 -0.4
EWUT	Wuta	0.91	30	eP	Sg	22 22 14.2 +0.1
EWUT				eS		22 22 03.9 -0.2
ICHU	Yijiu	0.96	253	eP	Pn	22 22 03.3 -0.2
NDT	Datong Townshi	0.97	13	eP	Pb	22 22 03.3 -0.2
NDT				eS		22 22 16.2 0.0
WSF	Szhu	0.97	269	eP	Pn	22 22 03.9 -0.3
WSL	Shulin Townshi	0.97	262	eP	Pn	22 22 04.4 +0.2
NFF	Wufeng Townshi	0.98	352	eP	Pb	22 22 03.8 +0.1
NMLH	Miaoiti	0.98	333	eP	Pg	22 22 05.5 +1.1
LNLH	Ludao	0.99	170	eP	Pn	22 22 02.7 -1.0
NSTT	Nanjuang	1.00	346	eP	Pn	22 22 04.6 -0.1
YHNB	Yeheng	1.01	5	P	Pb	22 22 04.2 -0.1
YHNB				eP		22 22 04.1 -0.2
YHNB				eS		22 22 15.9 -1.5
ENTT	Nioudou	1.02	15	P	Pb	22 22 04.1 -0.1
ENTT				eS		22 22 17.2 -0.2
LIOB	Sanguang	1.02	346	eP	Pn	22 22 05.4 +0.6
NSK	Sanguang	1.02	4	eP	Pb	22 22 04.2 -0.1
NSK				eS		22 22 17.2 -0.4
CHN8	Yijiu	1.02	253	eP	Pn	22 22 05.3 +0.4
CHN8				eS		22 22 20.9 +1.5
SSHA	Shanhua	1.04	241	eP	Sn	22 22 06.0 +0.8
SSHA				eS		22 22 22.8 +3.0
SCST	Cishan	1.05	223	eP	Pn	22 22 06.3 +1.1
SCST				eS		22 22 23.4 +3.5
ESAO	Suao	1.05	29	eP	Sb	22 22 05.2 -0.1
ESAO				eS		22 22 18.8 +0.1
E0S4	E0S4	1.06	64	eP	Pn	22 22 04.8 -0.2
E0S4				eS		22 22 20.2 +0.5
SHHT	Tainan City	1.06	234	eP	Pn	22 22 06.8 +1.3
SDD	Sandimen	1.08	213	eP	Pb	22 22 04.7 -0.7
TWC	Suao	1.08	29	P	Pn	22 22 05.5 -0.3
TWC				S		22 22 20.0 +0.4
ECL	Taimali	1.09	196	eP	Pb	22 22 04.7 -0.9
TSMG	Meilia	1.11	212	P	Pn	22 22 06.5 +0.4
TWE	Neicheng	1.12	18	eP	Pn	22 22 06.3 0.0
TWE				eS		22 22 21.3 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FUSB	Fushanzhiwuyua	1.14	14	P	Pn	22 32 06.4 -0.2
FUSB				S		22 32 20.7 -0.5
NWLT	Wulai	1.14	10	P	Pn	22 32 06.5 0.0
NWLT				eS		22 32 21.1 -0.2
TWMT	Shoushan	1.14	224	eP	Pn	22 32 08.6 +2.0
SGLT	Jiouru	1.17	218	eP	Pg	22 32 09.3 +2.1
MASBT	Mashibuluo	1.20	210	eP	Pg	22 32 07.3 -0.3
TSCK	Chigu Township	1.21	245	eP	Pg	22 32 08.9 +1.1
EAST	Anshuo	1.32	197	eP	Pg	22 32 09.6 -0.5
EGS	baiz=188	1.33	27	eP	Pg	22 32 10.2 +0.1
TATO	Taipei	1.33	8	P	Pg	22 32 10.3 +0.1
TWA	Mucha	1.35	12	eP	Pg	22 32 10.8 +0.3
TWA				eS		22 32 28.4 +0.3
TIPB	Shuangxi	1.40	21	P	Pg	22 32 11.2 -0.4
SCZT	Fangliu	1.41	206	eP	Pg	22 32 12.0 +0.3
TWS1	Kuangyinsinshan	1.45	5	eP	Pg	22 32 13.4 +1.0
TWS1				eS		22 32 33.6 +2.4
NWF	Wu-fen Shan	1.48	18	eP	Pg	22 32 13.3 +0.2
WFSB	Wu-fen Shan	1.48	18	eP	Pg	22 32 13.2 +0.1
WFSB				eS		22 32 33.8 +1.4
TWB1	Santiago Chiao	1.50	26	eP	Pg	22 32 13.9 +0.6
SX11	Grass Mountain	1.53	21	eP	Pg	22 32 13.6 -0.5
SX11				eS		22 32 34.6 +0.6
WDGT	Dungji	1.54	256	eP	Pb	22 32 12.3 -0.8
YM08	YM08	1.55	11	eP	Pg	22 32 14.2 -0.2
PHUB	Penghu	1.57	265	eP	Pn	22 32 12.6 +0.2
PNG	Penghu	1.58	267	eP	Pb	22 32 13.4 -0.5
JYNG	Yongunijimaku	1.72	62	eP	Sb	22 32 15.8 -0.5
JYNG				eS		22 32 38.0 +0.2
TWK1	Hengchun	1.76	194	eP	Pg	22 32 17.7 -0.7
TWK1				eP		22 32 18.4 0.0
YOJ	Yonguniji jima	1.78	63	P	Pb	22 32 16.4 -0.9
YOJ				eS		22 32 16.3 -0.9
YOJ				Sb		22 32 38.7 -0.9
YOJ				S		22 32 38.0 -0.9
IRIF	Iriomote-Funau	2.34	73	eP	Pn	22 32 24.0 +0.9
IRIF				S		22 32 52.5 +0.6
JKRS	Kuro-shima	2.57	76	P	Pn	22 32 27.5 +1.4
JKRS				S		22 32 28.4 +2.0
JJJ	Ishigaki jima	2.71	74	P	Pn	22 32 28.7 +0.5
JJJ				S		22 32 31.4 +0.3
JISG	Ishigakijimahi	2.92	71	eP	Pn	22 32 06.7 +0.5
JISG				S		22 32 06.7 +0.5

IDC 07 22:51:07.5-1.9, 10.66S-123.45E, h0km, mb3.4/1, mbmt3.2/3, ML3.0/2, Error ellipse: s-maj=38.9km s-min=12.9km az=113.0, Timor region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BATI	Baumata	0.50	25	Op	ISC	22 51 17.9 +0.8
BATI				Lg		22 51 21.4
WRA	Warramunga Arr	13.98	133	Pn	Pn	22 54 25.4 -1.6
WRA				S		22 56 50.9 -1.2
ASAR	Alice Springs	16.33	144	Pn	Pn	22 54 58.9 +0.6
ASAR				S		22 57 49.8 -1.1
MKAR	Makanchi Array	67.98	331	P	P	23 02 08.0 -0.5

NEIC 07 22:58:21.0-1.0, 19.41N-0.1015-295W-0.009, h3km, 2km, Error ellipse: s-maj=1.9km s-min=0.9km

HVO 07 22:58:20.4-0.9, 19.42N-0.01155-275W-0.009, h1km, 3km, ML2.6/1.4, ML1.7/2.0(NEIC), Error ellipse: s-maj=2.1km s-min=0.9km az=202.0, Hawaiian Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
OBL	Observatory Le	0.01	281	Pg	Pg	22 58 21.6 +0.8
UWEK	Uwekahuna E	0.01	340	Pg	Pg	22 58 21.7 +0.9
SBLH	Steaming Bluff	0.01	29	Pg	Pg	22 58 21.9 +0.9
BYL	Byron's Ledge	0.01	105	Pg	Pg	22 58 21.9 +0.7
BYL	Byron's Ledge	0.01	105	Pg	Pg	22 58 21.2 +0.3
HATHI	Halema'uma'u T	0.01	60	Pg	Pg	22 58 22.0 +0.7
HATHI	Halema'uma'u T	0.01	60	Pg	Pg	22 58 21.3 +0.4
UWE	Uwekahuna	0.02	287	Pg	Pg	22 58 22.3 +1.0
KKO	Keanakako i	0.02	156	Pg	Pg	22 58 22.4 +1.4
RIM	Rim	0.02	219	Pg	Pg	22 58 22.2 +1.3
SDHHI	Sand Hill	0.03	175	Pg	Pg	22 58 22.9 +1.8
RSD	Rained	0.05	356	Pg	Pg	22 58 23.4 +1.4
RSD	Rained	0.05	356	Pg	Pg	22 58 22.4 +0.6
RSD				IAML		22 58 22.6
PUH	Pauahi	0.07	127	IAML	Pg	22 58 22.1 +0.3
PUH				IAML		22 58 23.9
KNHH	Kane Nui o Ham	0.11	110	Pg	Pg	22 58 23.4 +1.0
HLP	Hilina Pali	0.12	195	IAML	Pg	22 58 23.8 +1.0
HLP				IAML		22 58 25.2
HLP				IAML		22 58 26.5
MLH	Mauna Loa	0.13	307	Pg	Pg	22 58 24.1 +1.1
MLH				Sg		22 58 26.8 +2.0
MLH				IAML		22 58 27.2
MLH				IAML		22 58 27.5
STCH	Steam Cracks	0.14	102	IAML	Pg	22 58 24.1 +0.9
STCH				IAML		22 58 27.6
HMH	Humu'ula Sheep	0.27	313	Pg	Pg	22 58 24.9 -0.7
HMH				IAML		22 58 29.7
HMH				IAML		22 58 33.2
MLOA	Mauna Loa Obs	0.31	293	Pg	Pg	22 58 26.4 0.0
MLOA				IAML		22 58 32.0
MLOA				IAML		22 58 35.3
MWH	Mokuaweewe	0.31	283	Pg	Pg	22 58 26.6 +0.2
KHU	Kahuku	0.36	242	Pb	Pb	22 58 28.9 -1.0
HUH	Hualalai	0.59	297	Pg	Pg	22 58 32.4 +0.6

IDC 07 23:19:16.8-5.3, 24.32N-93.59E, h80km, 44km, mb3.3/4, mbmt3.5/5, ML3.4/1, MS4.0/1, Error ellipse: s-maj=87.0km s-min=21.7km az=70.0, Myanmar-India border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BRDH	Bariadhala	2.42	228	Op	ISC	23 20 26.6 +3.4
CMAR	Chiang Mai Arr	7.67	138	P	Pn	23 21 06.0 +0.1
MKAR	Makanchi Array	24.18	341	P	P	23 24 26.2 +0.5
SOMN	Songino Array	25.58	20	P	P	23 24 37.9 -0.5
KAPI	Kappa	38.72	135	LR	LR	23 44 25.3
WRA	Warramunga Arr	59.25	134	P	P	23 29 10.1 -0.1
ASAR	Alice Springs	61.68	138	P	P	23 29 27.0 +0.2

NEIC 07 23:23:48.6-1.3, 19.395N-0.007-155.276W-0.009, h5km, 1km, Error ellipse

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDBI, MSBI, YFRI, etc.

IDC 07 23:49:58.1±1.9, 39°01'N, 141°11'E, h0km, mb3.4/1, mbmp3.1/3, ML2.4/2, Error ellipse: s-maj=32.6km s-min=17.4km az=127.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ, JFK, JFFD, etc.

NEIC 08 00:03:35.6±1.0, 26°80'N, 09°124.99E, 0.10, h239km, 10km, mb4.2/14, Error ellipse: s-maj=14.3km s-min=10.8km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKE, KJK, IKEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ, YON, YJNG, etc.

IDC 08 00:09:30.6±0.4, 4°S, 10°10'3E, h139km±10km, M4.2/10, mb4.4/6, mb5.5/1, MLV4.0/10, Mw(mb)4.9/1, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUWI, BKNI, PEAB, etc.

IDC 08 00:18:57.8±1.4, 29°14'N, 130°87E, h71km, MW4.0, Moment Tensor Solution, M=0.07, Mw=0.36, Ms=0.29, Ml=1.06

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LWLI, KASI, PPSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JZK, JNN, JYAK, etc.

IDC 08 00:19:44.8±0.8, 3°11'N, 127°97E, h0km, mb3.9/10, mbmp3.9/10, MS2.5/2, Error ellipse: s-maj=66.8km s-min=15.4km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DJA, YKA, BRTR, etc.

IDC 08 00:19:50.3±0.7, 3.20N, 0.08E, 128.0E, 0.1, h35km, n33, c1943/28, mb4.1/14, Talondio Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARMA, H1S3, H1S2, etc.

8d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ELND, SZH, KDZ, TATR, SCRT, etc.

IDC 08 00:56:44.0, 5.12, 9.27'S; 45.62'E, h0km, mb4, 1/24, mtmpd, 1.127, ML4.43, MS3.736, Error ellipse: s-maj=18.2km s-min=3.4km az=89.0

ISC 08 00:56:45.6, 4.0, 13.05'S; 0.05:45.40E:0.07, h10km, n180, c185/150, mb4.7/62, MS3.8/34, 6C-4D, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OPO, ABPO, VOI, MOP, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LBTB, BOSA, GURO, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BIAO, VNA3, LESA, KRUC, etc.

NNC 08 01:14:54.743.6.47.51N:85.33E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=27.2km s-min=12.9km az=86.0
ASRS 08 01:14:55.6.0.4.48 N2.2x8.5E, h9km, MLN3.3/10, Error ellipse: s-maj=6.4km s-min=2.8km az=142.0, confirmed
SOME 08 01:14:56.7.47.37N:84.83E, h0km, Error ellipse: s-maj=4.2km s-min=0.04-85.08E:0.03, h7km, 13km, n27, r2804/53, 4C-4D, Kazakhstan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ZSN	Zaisan	0.26	215	Op	01 15 03.9	-1.0
ZSN				eS	01 15 08.9	-0.6
154nm,0.5s						
2.09 247	Ph					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
9.4nm,0.3s,baz=73,slow=30,SNR=19	Sb					
2.09 247	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
7.7nm,0.5s	Op					
16nm,0.3s	Op					
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
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154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
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154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
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2.28 249	Pg					
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154nm,0.5s						
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154nm,0.5s						
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2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
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154nm,0.5s						
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2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
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2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
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2.28 249	Pg					
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154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.28 249	Pg					
2.2nm,0.2s,baz=67,slow=18,SNR=122	Pb					
154nm,0.5s						
2.2						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrunganga Arr, KURBB Kurchatov Arr, ASAR Alice Springs, BVAR Borovoye Array, FINES FINESS Array B.

IDC 08 03:11:39.7-0.8, 33.18N-98.82E, h0km, mb3.7/15, mbtmp3.7/18, ML3.6/3, MS3.2/19, Error ellipse: s-maj=27.7km s-min=15.6km az=47.0

ISC 08 03:11:44.5-0.7, 33.22N-0.1, 98.9E-0.1, h35km, n30, e1501/19, mb3.6/15, MS3.3/16, Qinghai

Main table of station data for the 8d 3h period, including stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songo Array, MKAR Makanchi Array, AAK Ala-Archa, KURBB Kurchatov Arr, ZALV Zalesovo Beam, KSRS Korea Array, BVAR Borovoye Array, KLR Kul'du Arr, MJAR Matsushiro Arr, YAK Yakutsk, ARU Arti, TIXI Tiksi, MA2 Magadan, KBZ Khabaz, KVAR Kislovodsk Arr, PETK Petropavlovsk, BRTR Keskin Array B, FINES FINESS Array B, ARCES ARCESS Array B, SHEM Shemya Is, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, WRA Warrunganga Arr, GERES GERESS Array B, ASAR Alice Springs, ILAR Eielson Array, ESDC Sonseca Array, TORD Torodi Arr, TRN Trinidad (W), TRN Grenada Fort F, CRUV Crupano, GRGR Greenville, GRW Mount Saint Ca, GRHS Sauteurs, GRIC Isle de Caille, GRSS Sisters, GRSC Grenada, Carri, SVOC Richmond Hill, SVT Saint Vincent, SVB Belmont, PCRV Puerto La Cruz, SLBI Saint Lucia, BIM Bigot, ANBD Bethesda, Ant, BAUV El Baul.

TRN 08 03:26:58.0, 11.03N-62.14W, h103km, MD3.7, North of the Paria peninsula, Windward Islands

Table of station data for the TRN 08 03:26:58.0 event, including stations like TRN Trinidad (W), TRN Grenada Fort F, CRUV Crupano, GRGR Greenville, GRW Mount Saint Ca, GRHS Sauteurs, GRIC Isle de Caille, GRSS Sisters, GRSC Grenada, Carri, SVOC Richmond Hill, SVT Saint Vincent, SVB Belmont, PCRV Puerto La Cruz, SLBI Saint Lucia, BIM Bigot, ANBD Bethesda, Ant, BAUV El Baul.

IDC 08 03:31:29.5-0.5, 13.02S-45.61E, h0km, mb4.0/24, mbtmp4.0/27, ML4.4/3, MS3.9/47, Error ellipse: s-maj=18.7km s-min=14.1km az=90.0

NEIC 08 03:31:31.0-1.6, 13.03S-0.07-45.6E-0.1, h10km, 1km, mb4.9/50, Error ellipse: s-maj=17.9km s-min=11.7km az=253.0

GCMT 08 03:31:34.0-0.4, 12.77S-0.02-45.62E-0.02, h21km, 1km, MW4.9/78, Moment Tensor Solution, s12,c12: s78,c03; Duration: 0 Moment tensor: Scale 1016Nm; Mr1,38t.20; Ms1.120t.11; Mw2.58t.17; Mm1.93t.30; Mm0-0.75t.08; Mw0.81t.21; Best double couple: Mo3.10500-105t.08; NP1.39334.00000t.866.00000t.41.00000t. NP2: e225.00000t.853.00000t.149.00000t. Principal axes: T 3.4260, Plg45.0000t, Azm195.0000t; N -0.6420, Plg44.0000t, Azm359.0000t; P -2.7840, Plg8.0000t, Azm97.0000t; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 03:31:30.6-0.4, 13.03S-0.05-45.48E-0.07, h10km, n180, e156/142, mb4.7/64, MS3.9/46, 4C-1D, Northwest of Madagascar

Main table of station data for the 2018 JUN period, including stations like OPO Ambohitrampito, ABPO Ambohipanoman, VOI Voihotsika, VOI Voihotsika, KIBK Kibwezi, CHIPN CHIPINGE, CHIPN CHIPINGE, KMBO Kilima Mbogo, LSZ Lusaka, MOPA Mopani, MOPA Mopani, MUSN Musina, Limpop, MUSN Musina, Limpop, MHPPE Sileoim, Limpop, HOED Hoedspruit, LI, MATP Matopos, MATP Matopos, MATP Matopos, PILG Pilgrimsrest, DULL Dullstroom, MBAR Mbaraka, POGA Pongola, POGA Pongola, LODK Lodwar, WTBG Waterberg Wild, LEPH Lephalale, RUST Rust de Winter, MTLB Matlabas, Limp, TSWA Tswaing Meteor, NWCL Newcastle, NHAM Northam, NYAT Nyati, Northwe, HRAO HartRAO, PRYS Parys, PRYS Parys, LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, SNKL Senekal, Frees, SNKL Senekal, FURI Furi, FURI Furi, BOSA Boshof, BOSA Boshof, BOSA Boshof, BOSA Boshof, BOSA Boshof, SUR Sutherland, SUR Sutherland, SUR Sutherland, RAYN Ray, WSAR Wadi Saray, EIL Elat, HRA Herat, TOAO Torodi Arr, SUT Sutherland, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, GURU Guroymak-BITLI, ELL Elm, GEYT Alibeck, GEYT Alibeck, GEYT Alibeck, GYAOB ALIBECK-ARAY, ARPR Arapir-MALATY, KBL Kabul, GNI Gani, GNI Gani, BRTR Keskin Array B, BRTR Keskin Array B, DBIC Dabob, ONI Oni, SIMJ Simigan, CHGR Chuyangaron, KBZ Khabaz, KBZ Khabaz, KBZ Khabaz, GAR Garni, GAR Garni.

Main table of station data for the 2018 JUN period, including stations like KIV Kislovodsk, DRK Karak, BTK Batken, VAE Valguarnera, KEST Kesra, PUK Puka, PDG Podgorica, ELIB Princess Elisa, KK31 Karatay Arr, KKAR Karatay Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, AAK Ala-Archa, AAK Ala-Archa, ABKAR Abkual array, ABKAR Abkual array, AKTO Aktyubinsk, TROLL Anatrol, AKASG Malin Arr Be, BELG Belogoroye, SNAAS Sanaa, SNAAS Sanaa, SNAAS Sanaa, SOKA Soboth, OBKA Obr, STHS Stebnicka Ust, RONA Rosalia, MYKA Terra Mystica, MDT Midelt, MODS Modra-Piesok, VNA2 Neumayer-Stat, ABTA Abfattersbacht, BIOA Bad Ischl, VNA3 Neumayer Olymp, VRAC Vranov, VRAC Vranov, MORC Moravsky Berou, MORC Moravsky Berou, WATA Walderalm, PZH Panzhihua, PZH Panzhihua, FETA Feichten, MOTA Moosalm, GAVOX Davos-Dischmat, GERES GERESS Array B, GERES GERESS Array B, GERES GERESS Array B, DAVA Danuells, MAKZ Makanchi, MKAR Makanchi Array, CASY Casey, OBN Obninsk, BVAR Borovoye Array, BVAR Borovoye Array, ESDC Sonseca Array, ESDC Sonseca Array, ARU Arti, ARU Arti, MBWA Marble Bar, KIRV Kirov, KAPI Kappang, ZALV Zalesovo Beam, ZALV Zalesovo Beam, BELA Belgrano 2, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, FIAI FINESS Array S, FITZ Fitzroy-Crossi, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, HFS Hagfors.

Table with columns: HFS, LR, LR, 04 22 50.3, 03 43 33.6 +0.8, 03 43 33.1 +0.4, 04 20 11.4, 03 43 37.8 +1.1, 03 43 45.6 -1.1, 03 43 50.4 +0.2, 03 43 53.7 +0.7, 03 43 46.3 -0.4, 03 43 55.0 +0.3, 03 44 37.7, 03 43 55.7 +0.9, 04 16 47.4, 03 43 57.1 -0.3, 03 43 58.9 -0.2, 03 43 59.4 +0.4, 04 15 34.4, 04 24 11.2, 03 44 05.1 +0.2, 04 27 34.7, 03 44 53.0 -0.1, 04 25 00.1, 04 28 17.0, 04 29 23.7, 04 32 11.7, 04 23 29.3, 05 01 03.0 +0.7, 05 01 30.8 +0.9, 04 39 15.1, 04 39 19.9, 05 01 16.1 -0.2, 05 01 24.9 +0.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ZKTA Zakatala, ZKTA, KMKR Kumukh, KMKR, BTLR Botlikh, BTLR, SEKA Sheki, SEKA, ARKR Arakani, ARKR, UNCR Uncukul, UNCR, URKR Urkarakh, URKR, QZXX Qazax, Azerbai, QZXX, KRNR Karanay, KRNR, AKT Akhty, AKT, BUJR Buynaks, BUJR, DVE Vedeno, DVE, SGKR Sergokala, SGKR, GANJ Ganja, GANJ, MNGR Mingechevir, A, MNGR, GDB GEDABAY, GDB, DBC Dubki, DBC, DLMR Dylim, DLMR, GROG Groznyy, GROG, QSAR Qusar, QSAR, DRN Derbent, DRN, AKT Khinaliq, AKT, XNQ XNQ, GUDG Gudauri, GUDG, GUBA Quba, Azerbaj, GUBA, IML IML, AGDM Agdam, AGDM, LACR Lac, LACR, POL Pirkul, POL, SIZY Siyzy, SIZY, GNI Garni, GNI, ONI Oni, ONI, SBZ Shahbuz, SBZ, SHA1 Shidzhatmat, SHA1

Table with columns: SHA1, eSn, Sb, 03 39 11.8 -2.9, NEIC 08 04:03:38.8±0.8, 19:427N;0:004:155:284W±0.009, h1km,3km, Error ellipse: s-maj=1.2km s-min=0.6km az=66.0, HVO 08 04:03:38.2±0.7, 19:417N;0:007:155:275W±0.008, h1km,3km, ML3.0/40, ML2.8/35(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=144.0, Hawaiian Islands, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, OBL Observatory Le, OBL, UWB Uwekahuna B, UWB, SBLH Steaming Bluff, SBLH, HATH Halema'uma'u T, HATH, BYL Byron's Ledge, BYL, UWE Uwekahuna, UWE, KKO Keanakako I, KKO, RIM Rim, RIM, SDHH Sand Hill, SDHH, RSD Rainshead, RSD, comp=N,10um,0.3s, PUH Pauahi, PUH, comp=E,6um,0.6s, PUH, comp=N,4um,0.4s, KNHH Kane Nui o Ham, KNHH, HLP Hilina Pali, HLP, HLP, HLP, Hilina Pali, HLP, comp=N,13um,0.7s, HLP, HLP, comp=E,10um,0.8s, MLH, MLH, Mauna Loa, MLH, comp=E,7um,0.3s, MLH, comp=N,11um,0.2s, STCH Steam Cracks, STCH, STCH, comp=N,2um,0.2s, NPOC North of Pu'u, NPOC, JUJZ Jacuzzi, JUJZ, JOKA Jonika Flow, JOKA, JOKA, comp=E,1um,1.2s, JOKA, comp=N,2um,0.8s, HMH Humu'ula Sheep, HMH, comp=N,2um,0.7s, HMH, comp=E,3um,0.7s, MLOA Mauna Loa Obse, MLOA, comp=E,2um,0.8s, MWH Moku'aweohe, MWH, KHU Kahuku, KHU, ALEP Alea Permanent, ALEP, POHA Pohakuloa, POHA, POHA, POHA, POHA, comp=E,848nm,0.6s, POHA, comp=E,944nm,0.3s, PUH Hualalai, PUH, CHH Captain Cook, CHH

IDC 08 04:30:43.0±1.1, 39:95N;71:81E, h0km, mb3.6/9, mbmp3.5/16, ML3.0/7, Error ellipse: s-maj=20.2km s-min=12.0km az=145.0, ISU 08 04:30:47.3±0.15N;71:75E, h20km, KRNET 08 04:30:47.8±0.1, 40:11N;71:66E, h30km, mb3.6, SOME 08 04:30:49.5±0.23N;71:75E, h15km, NNC 08 04:30:51.9±2.0, 40:43N;71:65E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=17.0km s-min=7.8km az=218.0, ISC 08 04:30:46.9±0.9, 40:15N;0:02:71.73E±0.18km, 6km, n89, c186/143, mb3.7/9, 31C-24D, Tajikistan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CHMI Chimion, CHMI, MINT Mingtut, MINT, DRK Karamyk, DRK, bat=70, BTK bat=70, BTK, bat=65, TSTA Tashata, TSTA, OHH Osh, OHH, OHH, KSNS Kasansay, KSNS, SFK Sufi-Kurgan, SFK, bat=93, TRKS Terek-Say, TRKS, bat=45, ARSB Arslanbob, ARSB, ARSB, GAR Garm, GAR, bat=23, ARK Arkit, ARK, bat=8.0, ARK, bat=8.0, CHMG Chimgan, CHMG, CHMG, TGS TashGRES, TGS, IUG Iuzhnay, IUG, IUG, IUG, IUG, bat=15, MNAS MNAS, bat=15, CHGR Chuyangaron, CHGR, CHGR, bat=34, ARLS Aral, ARLS, bat=48, ARLS, bat=48, CHM Chiment, CHM, CHM, 1um,0.3s, DZA Taraz, DZA, 210nm,0.1s, DZA, 860nm,0.1s, MRKS Merke, MRKS, 40nm,0.1s, MRKS, 133nm,0.3s

Table with columns: MRKS, Merke, 2.83, 23, Pg, Pg, 04 31 41.6 +0.5, 04 32 15.7, 2.88, 262, P, S, Pg, 04 31 39.2 -3.0, 2.94, 31j, eP, S, Pg, 04 32 05.0 +0.9, 04 31 35.2 +2.3, 04 32 10.0 +2.1, 2.95, 44, P, P, Sn, 04 31 36.5 -2.7, 2.95, 44j, eP, P, Sn, 04 31 35.5 +2.2, 04 32 10.6 +2.1, 3.06, 271, P, S, P, 04 31 39.1 -1.7, 3.09, 343, P, S, P, 04 32 20.3 +2.5, 3.09, 343j, Pn, P, Sn, 04 31 37.1 +2.3, 4.00, 57j, eP, P, Sn, 04 31 43.6 -2.5, 3.09, 343j, eP, P, Sn, 04 31 36.7 +1.9, 3.21, 334, eP, P, Sn, 04 32 12.4 +1.1, 3.21, 334, eP, P, Sn, 04 31 43.8 +0.4, 3.33, 100, P, P, P, 04 31 44.5 -1.0, 3.24, 39, Pn, P, Sn, 04 31 40.6 +3.6, 3.24, 39j, eP, P, Sn, 04 31 39.5 +2.5, 3.24, 39, Pn, P, Sn, 04 32 17.1 +1.9, 3.24, 39j, Pn, P, Sn, 04 31 40.3 +3.3, 3.64, 38, P, P, P, 04 31 46.2 +3.9, 3.64, 38j, eP, P, Sn, 04 31 44.8 +2.4, 3.64, 38j, eP, P, Sn, 04 32 26.5 +1.6, 3.74, 33, P, P, P, 04 31 47.3 +3.5, 3.74, 33j, eP, P, Sn, 04 31 46.2 +2.4, 3.94, 52j, eP, P, Sn, 04 31 49.1 +2.5, 3.95, 32, Pg, P, Pg, 04 32 34.1 +1.6, 4.00, 57j, eP, P, Sn, 04 31 49.9 +2.4, 4.01, 45j, eP, P, Sn, 04 31 50.2 +2.6, 4.29, 46, eP, P, Pg, 04 32 07.3 -1.8, 4.29, 46, eP, P, Pg, 04 32 07.3 -1.8, 4.32, 43, eP, P, Pg, 04 32 07.4 -2.3, 4.32, 43, P, P, Pg, 04 33 03.4 -2.3, 4.32, 43, P, P, Pg, 04 32 08.9 -0.8, 4.32, 43, P, P, Pg, 04 33 01.8, 4.61, 38, P, P, Pg, 04 32 13.0 -2.1, 4.61, 38, P, P, Pg, 04 33 10.0, 4.61, 48, eP, P, Pg, 04 32 13.6 -1.6, 4.61, 48, P, P, Pg, 04 33 13.9 -1.0, 4.61, 48, P, P, Pg, 04 32 15.0 -0.1, 4.66, 50, P, P, Pg, 04 32 17.1 +1.0, 4.86, 52, eP, P, Pg, 04 32 17.5 -2.4, 4.86, 52, P, P, Pg, 04 32 17.5 -2.4, 4.86, 52, P, P, Pg, 04 33 20.7 -2.2, 4.86, 52, P, P, Pg, 04 32 20.1 +0.1, 4.86, 52, P, P, Pg, 04 32 20.1 +0.1, 4.86, 69j, eP, P, Pg, 04 32 01.9 +2.3, 4.99, 51, eP, P, Pg, 04 32 21.2 -1.2, 4.99, 51, Pn, P, Pg, 04 31 44.1 +3.1, 4.99, 51, Pn, P, Pg, 04 32 23.8 +1.5, 5.07, 51, P, P, Pg, 04 32 22.9 -1.1, 5.08, 41, eP, P, Pg, 04 32 20.7 -3.3, 5.08, 41, P, P, Pg, 04 33 23.7, 5.13, 44, P, P, Pg, 04 32 23.3 -1.8, 5.13, 44, P, P, Pg, 04 32 23.3 -1.8, 5.13, 44, P, P, Pg, 04 32 23.3 -1.8

Table with columns: SUR, Sutherland, 29.61 226, P, Iamb, Iamb, 05 37 00.0 +1.4, etc.

Table with columns: FITZ, Fitzroy Crossi, 7.06 153, P, Pn, 05 40 36.4 +3.1, etc.

Table with columns: AFAD 08 06:04:18.0, 0.0, 34.76N, 24.17E, h35km, ML3.1, etc.

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

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

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

Table with columns: APE, APEIRANTHOS, 2.57, 26, P, Pn, 06 04 56.4 +1.1, etc. Lists various stations and their parameters.

Table with columns: KURBB, KURCHATOV, 42.03, 51, P, P, 06 12 04.4 0.0, etc. Lists stations and their parameters.

Table with columns: MSEY, MAHE ISLAND, 12.86, 259, Pn, Pn, 06 10 55.2 +1.0, etc. Lists stations and their parameters.

FUNV 08 06:05:16.8, 9.80N, 70.69W, h5km, MW3.0, RSNR=17.1, 0.8, 1.0, N.Ld, x.7, 1W, h203km, 10km, M2.5, ML2.5

ISC 08 06:05:18.8, 1.4, 9.80N, 0.04:70.70W, 0.03, h28km, 16km, n15, c160/25, Venezuela

NEIC 08 06:06:47.7, 0.9, 19.39N, 0.01:155.276W, 0.007, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.7km

HVO 08 06:06:47.1, 0.8, 19.399N, 0.009:155.271W, 0.006, h0km, 3km, ML3.0/4, ML2.8/3(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=191.0, Hawaiian Islands

Code Station Name Az Az' Phase ID Time Res h m s ISC

KKO Keanakakoi 0.1 102 Op ISC Pg 06 06 47.6 +0.3

RIM Rim 0.01 221 Pg Pg 06 06 47.5 +0.1

BYL Byron's Ledge 0.02 326 Pg Pg 06 06 47.7 +0.4

OBK Observatory Le 0.02 326 Pg Pg 06 06 48.1 +0.6

SDHH Sand Hill 0.02 247 Pg Pg 06 06 48.6 +1.1

HATHI Halema'uma'u T 0.03 21 Pg Pg 06 06 48.2 +0.6

UWB Uwekahuna B 0.03 345 Pg Pg 06 06 49.0 +1.3

SBHL Steaming Bluff 0.03 317 Pg Pg 06 06 49.0 +1.4

UWE Uwekahuna 0.03 317 Pg Pg 06 06 49.0 +1.4

PUH Pauahi 0.06 115 Pg Pg 06 06 49.1 +0.9

PUH comp=E, 8um, 0.8s IAML 06 06 49.6

PUH comp=N, 6um, 0.4s IAML 06 06 49.6

RSD Rainshed 0.06 354 Pg Pg 06 06 49.2 +0.9

RSD comp=N, 2um, 0.5s IAML 06 06 50.1

KNHH Kaneohe O Ham 0.10 101 Pg Pg 06 06 49.9 +0.8

HLP Hilina Pali 0.11 199 Pg Pg 06 06 52.4

comp=E, 3um, 0.8s IAML 06 06 52.4

STCH comp=N, 2um, 0.6s IAML 06 06 52.4

HLP Steam Cracks 0.14 96 IAML Pg 06 06 50.6 +0.9

STCH 06 06 53.7

MLH Mauna Loa 0.14 311 IAML Pg 06 06 50.0 +0.1

MLH comp=E, 3um, 1.1s IAML 06 06 53.8

MLH comp=N, 2um, 0.9s IAML 06 06 53.9

NPOC North of Puu 0.15 92 Pg Pg 06 06 50.7 +0.7

HJUZ Jacu 0.16 95 Pg Pg 06 06 51.0 +0.9

HJCV Hot Caves 0.20 217 Pg Pg 06 06 52.0 +1.1

JOKA Jonika Flow 0.25 82 Pg Pg 06 06 52.5 +0.5

JOKA comp=E, 2um, 0.8s IAML 06 06 58.9

JOKA comp=N, 4um, 0.7s IAML 06 06 59.7

HMH Humu'ula Sheep 0.28 315 IAML Pg 06 06 53.2 +0.7

HMH comp=E, 1um, 0.7s IAML 06 06 57.9

HMH comp=N, 2um, 0.7s IAML 06 07 00.9

MLOA Mauna Loa Obse 0.32 295 Pg Pg 06 06 53.9 +0.7

MLOA comp=E, 2um, 0.9s IAML 06 07 04.0

MWH Moku'awewe 0.32 286 Pg Pg 06 06 54.0 +0.8

KHK Kahuku 0.36 245 Pg Pg 06 06 54.5 +0.6

ALEP Alea Permanent 0.38 292 Pg Pg 06 07 00.8 +1.5

POHA Pohakuloa 0.43 325 IAML Pg 06 06 55.6 +0.2

POHA comp=E, 814nm, 1.1s IAML 06 07 10.0

POHA comp=E, 682nm, 1.2s IAML 06 07 10.2

HUH Hualalai 0.60 298 Pg Pg 06 06 59.6 +1.0

CPH Captain Cook 0.62 278 Pg Pg 06 06 59.1 +0.2

IDC 08 06:07:49.0, 0.5, 2.36S, 68.12E, h0km, mb4.5/29, bmtmp4.5/29, MS3.9/52, Error ellipse: s-maj=15.2km s-min=12.8km az=53.0

BUI 08 06:07:50.8, 0.0, 2.30S, 68.20E, h10km, mb4.8/51, mB5.0/27, Ms4.5/30, Ms7.4/30

NEIC 08 06:07:51.8, 1.1, 2.27S, 0.09:68.24E, 0.08, h10km, 1km, mb4.9/79, Error ellipse: s-maj=14.7km s-min=13.1km az=154.0

GCMT 08 06:07:52.8, 0.2, 2.42S, 0.02:68.12E, 0.01, h12km, MW4.9/91, Moment Tensor Solution, s24.c24, s91.c125, Duration: 0 Moment tensor: Scale 10^16Nm, Mr=1.74e, 12; Mw=0.02e, 26; Best double couple: Ms3.12100e, 1016; NP1=307.00000e, s63.00000e, A-144.00000e, NP2: e=198.00000e, s58.00000e, A-32.00000e. Principal axes: T 3.5650, Plg3.0000, Azm72.0000; N -0.8870, Plg46.0000, Azm339.0000; P -2.6780, Plg44.0000, Azm165.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 08 06:07:59.5, 1.4, 6S, 67.52E, h33km, mb5.1, ISC 08 06:07:51.3, 0.3, 2.29S, 0.06:68.15E, 0.06, h11km, m372, c195/340, mb4.8/126, MS4.1/67, 7C-1D, Carlsberg Ridge

Code Station Name Az Az' Phase ID Time Res h m s ISC

KAAM Kaadhehdho 5.58 60 Op ISC Pg 06 09 11.6 +2.7

DGAR Diego Garcia 6.66 140 Pn Pn 06 09 29.8 +0.6

AAA Alma-Ata 45.97 9 eP P 06 16 14.1 -0.5

H04N2 CROZET ISLANDS 49.8 196 T T 07 05 21.2

H04N1 CROZET ISLANDS 49.8 196 T T 07 05 32.0

H04N3 CROZET ISLANDS 46.0 196 T T 07 05 28.9

SATY Saty 10.8 10 eP P 06 16 17.8 -0.8

QIZ Qiongzong 46.13 61 P S 06 16 16.2 +0.1

QIZ comp=Z, 250nm, 13.7s LR LR 06 16 13.3 -1.1

QIZ comp=Z, 380nm, 13.7s LR LR 06 16 17.6 -0.2

QIZ comp=Z, 380nm, 13.7s LR LR 06 16 18.1 -1.0

CHKK Chushkaly 46.62 9 eP P 06 16 19.0 -0.5

SHLS Shalkode 46.37 11 eP P 06 16 17.6 -0.2

ZHN Zhinshike 46.19 10 eP P 06 16 15.4 -1.0

UZB Uzybulak 46.28 11 eP P 06 16 15.9 -1.2

UZB comp=Z, 350nm, 15.1s LR LR 06 16 17.6 -0.2

KUU Kuty 46.56 8 eP P 06 16 18.1 -1.0

CHKK Chushkaly 46.62 9 eP P 06 16 19.0 -0.5

MMAI Mount Meron Ar 46.78 321 P P 06 16 22.4 +1.2

comp=Z, 3.5nm, 0.8s, baz=145, slow=5.3, SNR=5.7

0.1nm,0.3s,baz=23,slow=33,SNR=2.9
0.4nm,0.6s

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

IDC 08:07:32:05.7±13.0,3.84M:128.00E,h0km,mb3.8/3,
mbtmp3.8,3, Error ellipse: s-maj=222.6km
s-min=145.0km az=161.0, North of Halmahera

NEIC 08:07:33:09.8±1.6,30.02S:0.07:177.1W:0.2,h10km,2km,
mb4.5/12, Error ellipse: s-maj=25.0km s-min=10.4km
az=80.0

ISC 08:07:33:10.6±0.8,30.009S:0.06:177.2W:0.1,h10km,n52,
±113/36,mb4.4/9,MS3.7/15,3C,Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, RPZ Rata Peaks.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, ODZ Otahua Downs, RAR Rarotonga.

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

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

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

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

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

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

IDC 08:07:35:20:7.2±1.21,97S:179.73W,h0km,mb4.2/4,
mbtmp4.2/4, Error ellipse: s-maj=167.2km
s-min=32.1km az=160.0, Fiji Islands region

ML2.6/2, Error ellipse: s-maj=37.3km s-min=23.1km
az=81.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Infra, KURBB Kurchatov Arra.

NINC 08:08:04:34.8±4.2,53.96N:86.58E,h0km,mb3.0,mpv2.8,
Error ellipse: s-maj=36.2km s-min=17.4km az=32.0,
Suspected Mining explosion.

IDC 08:08:04:35.4±2.5,4.06N:86.53E,h0km,mbtmp3.3/2,
ML3.0/2, Error ellipse: s-maj=21.0km s-min=12.8km
az=55.0

ISC 08:08:04:39.1±5.4,53.93N:0.2:86.1E:0.3,h0km,n8,±1926/10,
TC-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam.

KRSZO 08:08:05:08.7±1.6,48.56N:20.79E,h0km,M1.4/4, Error
ellipse: s-maj=11.9km s-min=6.0km az=157.0,
Description: locality : Dvorniky-Vcelare Slovakia
Explosion : known quarry blast, Czech and Slovak
Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KECS Kecovo, KECS Kecovo, KECS Kecovo.

KRSZO 08:08:06:44.6±1.1,48.42N:19.13E,h0km,M1.9/5, Error
ellipse: s-maj=5.7km s-min=3.9km az=19.0, Explosion.
locality : Hanisberg Slovakia description : known
quarry blast, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A336A Medovarce, A336A Lovce, A270A Szokolaya.

TAP 08:08:15:04.4±25.35N:122.56E,h199km,1km,ML2.7,D
JMA 08:08:15:05.0±0.3,25 N:3:122.7E:0.7,h181km,3km,
MV2.2/410,NW OFF ISHIGAKIJIMA IS

ISC 08:08:15:04.8±3.0,25.2N:0.1,122.71E:0.04,h190km±18km,
n30,±0.75/50, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCYT Pengchayiu, EOS2 Eos2, EOS3 Eos3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EWUT Wuta, NWLT Wulai, ENT1 Nioudou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNSB Datong, NACB Ninganchiao, NACB baz=213, JKRS Kuro-shima.

NEIC 08:28:24:42.0±1.0,19.38N:0.01:155.275W:0.005,
h4km,2km, Error ellipse: s-maj=1.8km s-min=0.6km
az=190.0

HVO 08:28:24:41.3±0.8,19.400N:0.009:155.283W:0.007,
h1km,3km,ML3.0/41,ML2.9/34(NEIC), Error ellipse:
s-maj=1.4km s-min=0.8km az=204.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIM Rim, SDHHI Sand Hill, KKO Keanakao'i.

SJA 08:28:32:11.7±0.7,24.15S:67.12W,h212km±6km,ML3.9,
MW3.7

IDC 08:28:32:13.6±1.1,24.08S:66.97W,h176km±1km,mb3.2/7,
mbtmp3.8/12, Error ellipse: s-maj=16.5km s-min=14.5km
az=17.0

NEIC 08:28:32:13.6±2.0,24.20S:0.06:67.2W:0.1,h186km±7km,
mb4.0/5,ML3.9(GUC), Error ellipse: s-maj=14.9km
s-min=8.3km az=95.0

GUC 08:28:32:14.1±0.7,24.16S:67.07W,h154km±12km,ML4.0
ISC 08:28:32:13.1±0.6,24.17S:0.04:67.11W:0.04,h183km±7km,
n78,±132/106,mb3.6/8,2C, Chile-Argentina border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, SLA San Lorenzo, AZAP Zapla.

IDC 08:07:40:13.4±3.7,53.77N:88.15E,h0km,mbtmp2.9/2,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LANU Lannavaara, HETTA Hetta, etc.

KOLA 08 10:31:30.7, 67°59'N, 34°45'E, h0km, ML2.4, Error ellipse: s-maj=2.6km s-min=2.1km az=140.0, Murmansk region, Kirovsk district

HEL 08 10:31:32.2, 67°20'N, 34°17'E, h0km, ML2.1, Explosion ID: 08 10:31:34.1, 67°65'N, 33°62'E, h0km, mbmp3.5/4, ML2.5/4, Error ellipse: s-maj=2.3km s-min=1.1km az=76.0

ISC 08 10:31:30.6, 1.0, 67.655N, 0.04, 34.32E, 0.05, h0km, n30, o135/46, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LVZ Lovozero, APA Apatity, etc.

ISC 08 10:40:30.7, 1.3, 28°45'N, 0°05'11.4'W, 0°09, h10km, n4, o54/8, 2C, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NE74 Guerrero Negro, NE74 Baha de los, etc.

NEIC 08 10:42:07.6, 1.3, 19°36'N, 0°06'15.5'W, 0°009, h5km, 1km, ML2.9/40, Error ellipse: s-maj=2.3km s-min=1.3km az=87.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PUH Pauahi, PUH Byron's Ledge, etc.

Table with columns: RSD, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STCH Steam Cracks, MLH Mauna Loa, etc.

IDC 08 11:03:01.2, 3.4, 53°54'N, 90°96'E, h0km, mbmp3.0/3, ML2.4/3, Error ellipse: s-maj=28.4km s-min=24.3km az=57.0

NNC 08 11:03:05.6, 4.9, 53°23'N, 90°64'E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=35.8km s-min=26.7km az=69.0, Suspected Mining explosion.

ISC 08 11:03:02.9, 4.2, 53°4N, 0.1, 90.7E, 0.2, h0km, n8, o1975/11, 7C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

IDC 08 11:05:13.2, 1.1, 54°75'N, 111°13'E, h0km, mb3.3/4, mbmp3.4/9, ML3.1/4, MS2.5/4, Error ellipse: s-maj=21.9km s-min=17.2km az=157.0

MOS 08 11:05:13.6, 1.5, 54°72'N, 111°13'E, h10km, mb3.8/1, Error ellipse: s-maj=15.3km s-min=7.5km az=85.3

BYKL 08 11:05:15.6, 0.1, 54°75'N, 111°03'E, h1km, 3km, FELT I-II-III MSK at Ulyunskhan.

ISC 08 11:05:14.6, 0.9, 54°75'N, 0°02'11.14'E, 0°02, h9km, 6km, n60, o246/12, mb3.5/3, 6C-2D, Lake Baykal region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YLYR Ulyunskhan, KMO Kumora, etc.

Table with columns: YOA, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Uoyan, Uakit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCR2, LCR2, CVTV, etc.

NEIC 08 11:28:57.9, 1.0, 19.409N, 0.008:155.283W, 0.007, h1km, 4km, Error ellipse: s-maj=1.2km s-min=0.9km az=165.0

HVO 08 11:28:57.4, 1.0, 19.394N, 0.007:155.272W, 0.008, h3km, 2km, ML2.8/32, ML2.5/46(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=142.0, Hawaiian Islands

Main table listing station codes (RIM, KKO, BYL, etc.) and their corresponding station names, coordinates, and observation details.

NEIC 08 11:30:36.9, 1.0, 19.434N, 0.008:155.266W, 0.006, h6km, 1km, Error ellipse: s-maj=1.2km s-min=0.8km az=201.0

HVO 08 11:30:36.6, 0.8, 19.417N, 0.007:155.276W, 0.006, h1km, 2km, ML2.9/35, ML2.7/44(NEIC), Error ellipse: s-maj=1.0km s-min=0.9km az=196.0, Hawaiian Islands

Continuation of the station list table, including stations like OBL, KKO, SDHH, etc.

Table listing station codes (HMH, MLOA, MLOA, etc.) and their corresponding station names, coordinates, and observation details.

BGS1 08 11:33:48.7, 0.3, 20.02S, 24.68E, h50km, 532km, ML2.5, IDC 08 11:35:14.9, 7.2, 27.32S, 23.35E, h0km, mbtmp, 1.8/1, ML1.6/1, Error ellipse: s-maj=51.0km s-min=42.6km az=33.0

ISC 08 11:33:45.9, 3.1, 20.2S, 0.2:24.62E, 0.07, h10km, n6, az=337.7, Botswana

Table listing station codes (MREMI, MREMI, MREMI, etc.) and their corresponding station names, coordinates, and observation details.

NEIC 08 11:44:19.1, 1.3, 5.6S, 0.1:154.8E, 0.1, h148km, 10km, mb4.4/17, Error ellipse: s-maj=24.8km s-min=13.2km az=221.0

IDC 08 11:44:20.5, 4.2, 5.6S, 154.48E, h146km, 38km, mb3.5/9, mbtmp, 4/10, Error ellipse: s-maj=26.5km s-min=21.2km az=73.0

ISC 08 11:44:19.4, 0.7, 5.74S, 0.08:154.63E, 0.08, h150km, n30, az=1943.0, mb4.1/15, Bougainville-Solomon Islands region

Main table listing station codes (Code, Station Name, Az, Phase ID, Time, Res.) for the Bougainville-Solomon Islands region.

STKA Stephens Creek 28.72 204 P P 11 50 03.8 +1.1

FITZ Fitzroy Cross 30.85 244 P P 11 50 21.7 +0.1

MORW Morawa 43.20 233 P P 11 52 06.6 +0.8

VNDA Vanda 71.84 178 P P 11 55 27.5 +2.2

ILAR Eielson Array 82.35 22 P P 11 56 25.4 +1.3

QSPA South Pole Qui 84.23 180 P P 11 56 36.6 +2.6

IDC 08 12:03:28.3, 0.5, 13.01S, 45.58E, h0km, mb4.3/28, mbtmp, 4/31, ML4.4/3, MS4.1/35, Error ellipse: s-maj=16.6km s-min=12.9km az=96.0

BUI 08 12:03:30.0, 0.0, 13.10S, 45.70E, h10km, mb4.7/36, mb5.1/14, Ms4.9/12, Ms7.4/13

NEIC 08 12:03:30.5, 1.5, 12.93S, 0.07:45.50E, 0.08, h10km, 1km, mb4.9/73, Error ellipse: s-maj=14.0km s-min=12.1km az=106.0

GCMT 08 12:03:32.5, 0.2, 12.92S, 0.02:45.62E, 0.01, h15km, 1km, MW4.9/107, Moment Tensor Solution, s30, c35, s107, c147, Duration: 0. Moment tensor: Scale 10^16Nm; Mn: 1.13e-12; Mw: 0.74e-09; Mo: 1.87e-11; Mv: 1.15e-22; Mz: 2.04e-09; Mw: 0.87e-20; Best double couple: Mz: 984000 x 10^16 Np1: 350.00000; 867.00000; 31.00000; NP2: 245.00000; 862.00000; 1.153.00000; Principal axes: T 2.9690, Plg38.0000, Azm210.0000; N 0.0300, Plg52.0000, Azm24.0000; P -2.9990, Plg3.0000, Azm118.0000; nsta refers to body waves,

cutoff=40s. nsta2 refers to surface waves, cutoff=8d. Triangular moment-rate function

ISC 08 12:03:29.8, 0.3, 13.01S, 0.05:45.52E, 0.06, h10km, n221, az=150.0, mb4.8/89, MS4.2/37, 8C-1D, Northwest of Madagascar

Table listing station codes (Code, Station Name, Az, Phase ID, Time, Res.) for the Northwest of Madagascar region.

MOPA Mopani 16.99 230 P P 12 07 26.8 +0.9

MOPA Mopani 16.99 230 P P 12 07 28.3 +0.6

MOPA Mopani 16.99 230 P P 12 07 25.5 +2.2

MUSN Musina, Limpop 17.53 236 P P 12 07 35.5 +1.0

MUSN Musina, Limpop 17.53 236 P P 12 07 35.9 +0.3

MUSN Musina, Limpop 17.53 236 P P 12 07 34.1 +0.5

MUSN Musina, Limpop 17.53 236 P P 12 07 35.3 +0.0

HOED Hoedspruit, Li 17.86 228 P P 12 07 36.7 +1.8

MATP Matopos 17.88 243 P P 12 07 40.5 +0.8

MATP Matopos 17.88 243 P P 12 07 37.7 +1.2

MATP Matopos 17.88 243 P P 12 07 37.7 +1.2

MATP Matopos 17.88 243 P P 12 07 43.1 +1.5

MATP Matopos 17.88 243 P P 12 07 50.5 +1.3

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

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MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

MATP Matopos 17.88 243 P P 12 07 53.5 +0.1

PETK	Petrovavlovsk-comp=Z,1.9nm,0.7s,baz=125,slow=7.6,SNR=3.0	72.50	344	P	P	12 21 31.3	-2.2
QSPA	South Pole Qui comp=Z,1.9nm,0.7s,baz=339,slow=8.4,SNR=2.5	74.01	180	P	P	12 21 43.6	+1.3
KMRM	Main Ridge	74.10	39	P	P	12 21 43.2	+0.1
SII	Sitkinak Islan	74.59	12	P	P	12 21 45.1	-0.3
O02D	Mt. Diablo Mer	74.63	40	P	IAMB	12 21 47.3	+1.2
O02D	comp=Z,9.5nm,1.0s					12 21 48.1	
BFSC	Mount Baldy Ra	74.66	47	P	P	12 21 46.1	-0.4
EDW2	Edwards Air Fo	74.76	46	P	P	12 21 46.4	-0.6
KRMB	Red Mountain	74.78	38	P	IAMB	12 21 48.3	+1.3
KRMB	comp=Z,7.8nm,0.9s					12 21 48.5	
MONP2	Monument Peak	74.84	49	P	P	12 21 47.7	0.0
CMB	Columbia Colle	74.89	42	P	P	12 21 47.4	-0.2
R16K	Pilot Point	74.90	10	P	P	12 21 48.1	+0.9
IKP	In-Ko-Pah, Jac	74.94	49	P	P	12 21 47.6	-0.5
KSXB	Camp Six Broad	74.99	38	P	IAMB	12 21 48.4	+0.2
KSXB	comp=Z,7.1nm,0.9s					12 21 49.4	
AFDM	Forest Hills D	75.04	41	P	P	12 21 47.7	-0.7
PFO	Pinyon Flats O	75.18	48	P	P	12 21 49.1	-0.4
TPFO	Pinon Flats	75.18	48	P	P	12 21 49.8	+0.3
LRMC	Laurel Mtn Rad	75.30	46	P	P	12 21 49.7	-0.4
SHW2	Sam W. Stewart	75.32	49	P	P	12 21 50.0	-0.1
OHAK	Old Harbor	75.39	13	P	P	12 21 49.6	-0.3
R18K	Karluk	75.47	12	P	P	12 21 49.4	-0.9
YBH	Yreka Blue Hor	75.62	38	P	IAMB	12 21 52.2	+0.5
YBH	comp=Z,11nm,1.1s					12 21 52.4	+0.7
YBH	Yreka Blue Hor	75.62	38	P	IAMB	12 21 52.4	+0.7
YBH	comp=Z,5.9nm,0.9s,baz=165,slow=2.1,SNR=9.6					12 21 52.4	+0.7
BELC	Belle Mtn. Jos	75.71	48	P	P	12 21 52.4	-0.1
MPMC	Manua Prospec	75.74	45	P	P	12 21 51.5	-1.2
GSC	Goldstone, Bar	75.81	46	P	P	12 21 52.1	-0.9
MPK	Martis Peak	75.84	42	P	IAMB	12 21 53.3	0.0
MPK	comp=Z,14nm,1.1s					12 21 54.6	
Q17K	Contact Creek	75.86	11	P	P	12 21 51.9	-0.8
HEC	Hector Ludlow	75.90	47	P	P	12 21 53.6	+0.1
BC3	Big Chuckawall	75.92	48	P	P	12 21 53.6	-0.1
PNTR	Pine Nut	76.00	42	P	IAMB	12 21 54.4	+0.2
PNTR	comp=Z,9.1nm,0.9s					12 21 55.4	
HUMO	Hull Mountain	76.00	37	P	P	12 21 54.0	+0.2
KDAK	Kodiak Island	76.06	13	P	P	12 21 53.0	-0.7
YERR	Yerington	76.17	42	P	P	12 21 55.0	0.0
P16K	Nushagak River	76.23	9	P	P	12 21 55.8	+1.2
GRAC	Grapevine Rang	76.32	45	P	P	12 21 55.6	-0.2
GMRC	Granite Mounta	76.35	47	P	P	12 21 55.6	-0.4
IRM	Iron Mountain	76.40	48	P	P	12 21 55.9	-0.3
RYN	Ryan	76.44	43	P	P	12 21 57.1	+0.6
NVAR	Mina Array Bea	76.47	43	P	P	12 21 56.6	-0.2
NVAR	Mina Array Bea	76.47	43	P	P	12 21 56.9	+0.1
PAHR	Pah Rah Range	76.48	41	P	P	12 21 56.9	+0.2
TUQ	Turquoise Moun	76.50	47	P	P	12 21 56.9	+0.1
GMN	Gold Mountain	76.56	44	P	P	12 21 57.2	-0.1
N14K	Kuskokwak Cree	76.57	7	P	P	12 21 56.6	+0.2
NV11	Mina Array Sit	76.57	43	P	IAMB	12 21 57.8	+0.6
NV11	comp=Z,6.7nm,1.1s					12 21 58.5	
P17K	Kvichak River	76.64	10	P	P	12 21 56.3	-0.6
113A	Mohawk Valley,	76.72	50	P	P	12 21 58.1	+0.2
W1CT	Wildcat Mounta	76.72	45	P	P	12 21 58.1	+0.1
O16K	Kokwok River B	76.75	9	P	IAMB	12 21 56.4	-1.1
O16K	comp=Z,5.2nm,0.8s					12 21 56.3	-1.1
Q20K	Shuyak Island	76.86	12	P	P	12 21 57.4	-0.7
KVN	Kaiserville	76.95	43	P	P	12 21 59.2	-0.1
N15K	Kwethluk River	77.02	8	P	P	12 21 58.5	-0.5
P18K	Big Mountain,	77.04	11	P	P	12 21 58.2	-0.9
O17K	Koliganek Bris	77.08	10	P	P	12 21 58.9	-0.4
M14K	Bethel	77.34	7	P	P	12 22 00.3	-0.4
M15K	Kasigluk River	77.45	8	P	P	12 22 00.8	-0.5
O18K	Koktuk Hills	77.48	11	P	P	12 22 00.8	-0.7
N16K	Nishilik Lake	77.49	9	P	P	12 22 01.2	-0.4
SHPR	Sheep Range	77.58	46	P	P	12 22 02.4	-0.5
P19K	Oil Pt	77.65	12	P	P	12 22 01.8	-0.7
O19K	Port Alsworth	77.95	11	P	P	12 22 03.6	-0.5
O19K	Port Alsworth	77.95	11	P	P	12 22 03.5	-0.5
HOM	Homer	77.97	12	P	P	12 22 02.2	-2.0
M16K	Timber Creek	77.99	8	IAMB	IAMB	12 22 05.8	
M16K	Timber Creek	77.99	8	P	P	12 22 04.4	0.0
PRN	Pahroc Range	78.11	45	P	IAMB	12 22 06.2	+0.5
PRN	comp=Z,6.9nm,1.1s					12 22 07.5	
N18K	Kilae Creek	78.14	10	P	P	12 22 04.5	-0.6
R11B	Troy Canyon, C	78.23	44	P	P	12 22 05.3	-1.2
BRSE	Bradley Lake S	78.24	13	P	P	12 22 05.4	-0.3
L15K	Ungalak Mounta	78.30	7	P	P	12 22 06.0	+0.1
WVOR	Wild Horse Val	78.49	40	IAMB	IAMB	12 22 08.8	
M17K	Holitna River	78.58	9	P	IAMB	12 22 07.8	+0.3
M17K	comp=Z,4.5nm,0.8s					12 22 09.5	
N17K	Holitna River	78.58	9	P	P	12 22 07.7	+0.2
NJ2	Nanjing	78.58	308	eP	pmax	12 22 10.1	+1.9
NJ2	comp=Z,7.0nm,0.9s					12 22 07.7	-1.4
L16K	Owhat River	78.59	8	P	P	12 22 07.8	+0.3
TUC	Tucson	78.72	52	P	P	12 22 09.2	+0.1
TUC	Tucson	78.72	52	P	P	12 22 09.2	+0.1
SEW	Seward	78.85	13	P	P	12 22 08.7	-0.3
K15K	Wolf Creek Mou	78.90	7	P	P	12 22 10.0	+0.8
K15K	Wolf Creek Mou	78.90	7	P	P	12 22 09.5	+0.3
I07A	Ize	78.91	38	P	IAMB	12 22 10.5	+0.6
I07A	comp=Z,6.4nm,0.9s					12 22 11.0	
M18K	Stony River	78.91	10	P	P	12 22 08.7	-0.6
J08A	Circle Bar Ran	79.11	39	IAMB	IAMB	12 22 12.1	

O22K	Cooper Landing	79.13	13	P	P	12 22 09.6	-0.9
L17K	Donlin	79.15	8	P	P	12 22 11.0	+0.5
X16A	Donlin SNR=5.8	79.20	49	P	P	12 22 12.7	+0.9
N20K	Mount Spurr	79.28	11	P	P	12 22 10.0	-1.4
L18K	Granite Mounta	79.47	9	P	IAMB	12 22 12.6	+0.4
L18K	comp=Z,6.9nm,0.9s					12 22 13.6	
L18K	Granite Mounta	79.47	9	P	P	12 22 12.6	+0.4
BBB	Bella Bella	79.58	28	P	P	12 22 11.9	-1.1
BBB	comp=Z,5.3nm,0.6s,baz=289,slow=5.4,SNR=3.8					12 22 11.9	-1.1
RC01	Rabbit Creek A	79.68	13	P	P	12 22 13.3	-0.1
ELK	Elko	79.71	42	P	P	12 22 14.4	+0.1
ELK	Elko	79.71	42	P	P	12 22 13.3	-1.1
ELK	comp=Z,2.5nm,0.8s,baz=297,slow=2.7,SNR=11					12 22 13.4	-0.1
K17K	Iditarod	79.71	8	P	P	12 22 13.4	-0.1
L19K	White Mountain	79.72	10	P	P	12 22 13.0	-0.7
SUA	Susitna One	79.81	12	P	P	12 22 13.8	-0.5
G08A	Pilot Rock	79.92	37	IAMB	IAMB	12 22 16.3	
J16K	Anvik River	79.97	7	P	P	12 22 15.6	+0.7
SKT	Skwentna	80.13	11	P	P	12 22 15.2	-0.6
L20K	Farewell, AK	80.17	10	P	P	12 22 15.1	-0.9
M22K	Willow	80.20	12	P	P	12 22 15.5	-0.6
M22K	Willow	80.20	12	P	P	12 22 15.2	-0.9
HAWA	Hanford	80.23	36	P	P	12 22 17.0	+0.3
KNK	Knik Glacier	80.24	13	P	P	12 22 15.8	-0.6
PMR	Palmer	80.26	13	P	P	12 22 15.7	-0.8
J17K	VABM Dome	80.26	8	P	P	12 22 16.8	+0.3
V35K	Ketchikan	80.35	24	P	P	12 22 17.1	0.0
GHO	Glory Hole Cre	80.46	13	IAMB	IAMB	12 22 19.0	
MVU	Marysvalle	80.60	46	P	P	12 22 20.3	+1.2
SML	Sawmill	80.62	13	P	P	12 22 18.7	+0.2
BMO	Blue Mountains	80.64	38	P	IAMB	12 22 18.8	-0.2
BMO	comp=Z,6.1nm,1.1s					12 22 19.8	
J18K	Innoko River	80.65	9	IAMB	IAMB	12 22 19.4	
J18K	Innoko River	80.65	9	P	P	12 22 18.6	+0.1
BMRM	Bremner River	80.74	15	P	P	12 22 18.7	-0.4
MFID	Camas Ranch	80.75	40	IAMB	IAMB	12 22 20.7	
PLLA	Purkeypile	80.85	11	P	P	12 22 19.9	+0.2
SCM	Sheep Creek Mo	80.86	13	P	P	12 22 19.0	-0.7
K20K	Tell	80.95	10	IAMB	IAMB	12 22 20.6	
K20K	Telida	80.95	10	P	P	12 22 21.0	0.0
PNL	Peninsula	81.06	18	P	P	12 22 21.2	+0.5
121A	Cookes Peak, D	81.10	53	P	P	12 22 22.0	+0.2
H16K	Elim	81.11	6	P	P	12 22 21.2	+0.3
G15K	Niukluk	81.29	5	P	P	12 22 22.0	+0.2
N25K	Chitina, Valde	81.30	15	IAMB	IAMB	12 22 22.0	
N25K	Chitina, Valde	81.30	15	P	P	12 22 21.8	-0.2
F10A	Beach Ranch, E	81.31	37	P	IAMB	12 22 20.5	-1.9
F10A	comp=Z,7.1nm,0.8s					12 22 23.1	
J19K	Poorman	81.31	9	P	P	12 22 21.8	-0.2
CAST	Castle Rocks	81.35	11	P	P	12 22 20.8	-1.4
CAST	Castle Rocks	81.35	11	P	P	12 22 21.1	-1.1
M24K	Tolsona, Glenn	81.36	14	P	P	12 22 21.6	-0.7
WAT6	Susitna Watana	81.44	13	P	P	12 22 22.4	-0.5
B08A	Colville Reser	81.48	34	P	IAMB	12 22 22.6	-0.6
B08A	comp=Z,6.5nm,0.8s					12 22 23.6	
WAT							

PKM	Mcpherson Peak	34.93	56	P	P	12 51 33.2 +0.5
UNV	Unalaska Valle	35.45	349	P	P	12 51 37.0 +0.5
SC12	San Clemente I	35.45	60	P	P	12 51 36.2 -0.8
CHNA	Chernabura Isl	35.52	356	P	P	12 51 38.2 +1.1
H11N3	WAKE ISLAND Hy	35.56	277	T	T	13 28 46.3
H11N2	WAKE ISLAND Hy	35.57	277	T	T	13 28 43.1
H11N1	WAKE ISLAND Hy	35.58	277	T	T	13 28 48.9
CIS	Catalina Islan	35.56	59	P	P	12 51 38.9 +0.1
ARVC	Arvin	35.77	56	P	P	12 51 40.1 +0.4
H11S2	WAKE ISLAND Hy	35.90	275	T	T	13 29 10.8
H11S1	WAKE ISLAND Hy	35.90	275	T	T	13 29 11.6
H11S3	WAKE ISLAND Hy	35.92	275	T	T	13 29 10.9
EDW2	Edwards Air Fo	36.27	57	P	P	12 51 43.4 -1.5
MURC	Murrieta	36.70	60	P	P	12 51 47.1 -0.6
MPMC	Manual Prospec	37.08	55	P	P	12 51 51.6 +0.5
SII	Sitkinak Islan	37.11	1	P	P	12 51 51.6 +0.8
PPT	Papeete	37 17 17	LR	LR	13 03 25.6	
MONP2	Monument Peak	37.18	61	P	P	12 51 52.2 +0.2
PPT2	Papeete2	37.19	171	eP	P	12 51 48.4 -3.5
PPT2	comp=E,310nm,25.5s			eS	S	12 57 40.2 +0.8
PPT2	comp=E,539nm,22.2s			eLQ	LQ	13 00 09.7
PPT2	comp=E,2um,27.5s			eLR	LR	13 01 56.7
PPT2	comp=E,2um,25.5s			eLR	LR	13 01 56.7
NVAR	Minna Array Bea	37.20	51	P	P	12 51 53.9 +1.8
NVAR	comp=E,0.9nm,0.9s,baz=243,slow=1.1,SNR=60			PcP	PcP	12 54 14.1 +2.0
NVAR	comp=E,0.9nm,1.0s,baz=206,slow=5.0,SNR=4.3			LR	LR	13 04 06.2
PFO	Pinyon Flats O	37.30	60	P	P	12 51 51.7 -1.2
PFO	Pinyon Flats O	37.30	60	LR	LR	13 04 45.0
TPFO	Pinon Flats	37.30	60	P	P	12 51 51.5 -1.4
IKP	In-Ko-Pah, Jac	37.39	61	P	P	12 51 53.2 -0.5
GSC	Goldstone, Bar	37.42	57	P	P	12 51 53.5 -0.3
GRAC	Grapevine Rang	37.45	54	P	P	12 51 54.1 +0.1
KVN	Kaiserville	37.57	51	P	P	12 51 53.7 -1.4
MZP	Montezuma Peak	37.65	53	P	P	12 51 54.5 -1.5
HEC	Hector,Ludlow	37.67	58	P	P	12 51 56.8 +0.8
SWY	Sam W, Stewart	37.71	61	P	P	12 51 55.5 +0.3
GWG	Greenwater Val	37.76	56	P	P	12 51 56.7 -1.1
BELC	Belle Mtn. Jos	37.76	59	P	P	12 51 56.3 -0.5
WCT	Wildcat Mounta	37.76	55	P	P	12 52 00.1 +1.7
SHOC	Shoshone, Tecc	37.79	56	P	P	12 51 58.0 -0.5
BC3	Big Chuckawall	38.13	60	P	P	12 51 59.6 -0.3
R16Q	Pilot Point	38.15	358	P	P	12 52 01.1 +1.6
TUQ	Turquoise Moun	38.15	57	P	P	12 52 00.7 +0.7
GMRC	Granite Mounta	38.20	58	P	P	12 52 01.2 +0.7
KDAD	Kodiak Island	38.38	2	P	P	12 52 02.6 +1.1
KDAD	Kodiak Island	38.38	2	LR	LR	13 04 07.8
IRM	Iron Mountain	38.48	59	P	P	12 52 03.3 +0.5
P08K	Saint George I	38.64	347	P	P	12 52 05.0 +1.3
LOH	Longmire	38.64	37	P	P	12 52 04.7 +0.7
BMN	Battle Mountai	38.70	49	P	P	12 52 04.9 +0.2
Q17K	Contact Creek	38.81	360	P	P	12 52 05.9 +0.6
R11B	Troy Canyon, C	39.20	53	P	P	12 52 09.4 +0.4
Q20K	Shuyak Island	39.21	2	P	P	12 52 09.3 +0.9
Q16K	King Salmon	39.24	359	P	P	12 52 10.0 +1.3
SP1A	Saint Paul Isl	39.32	347	P	P	12 52 09.4 +0.4
PRN	Palmer Range	39.34	54	P	P	12 52 07.7 -2.3
Q19K	Cape Douglas,	39.49	1	P	P	12 52 11.1 +0.2
G08A	Pilot Rock	39.59	41	P	P	12 52 10.8 -1.2
CRA8	Craig	39.72	20	P	P	12 52 13.3 +0.6
O15K	Unalgalthiuk R	39.86	356	P	P	12 52 14.9 +1.1
O14K	Tiguykaiuiv M	40.03	355	P	P	12 52 16.2 +0.9
214A	Organ Pipe Nat	40.04	63	P	P	12 52 15.7 -0.2
P19K	Oil Pt	40.23	2	P	P	12 52 17.3 +0.3
U33K	Whale Pass	40.26	19	P	P	12 52 16.8 -0.4
O17K	Koliganek Bris	40.34	359	P	P	12 52 18.5 +0.6
O18K	Koktuh Hills	40.40	0	P	P	12 52 18.2 -0.2
BRSE	Bradley Lake S	40.42	4	P	P	12 52 19.0 +0.4
RAR	Rarotonga	40.60	186	LR	LR	13 05 04.5
CCUT	Cedar City	40.67	55	P	P	12 52 21.1 -0.1
OC20	Scotty Mountai	40.68	2	P	P	12 52 20.2 -0.5
N14K	Kuskokwak Cree	40.73	355	P	P	12 52 21.6 +0.5
N15K	Kwethluk River	40.86	356	P	P	12 52 22.4 +0.2
SHEM	Shemya Is, Ala	40.87	332	LR	LR	13 05 54.2
B08A	Colville Reser	40.92	37	P	P	12 52 21.5 -1.5
F10A	Beach Ranch, E	40.98	41	P	P	12 52 21.8 -1.7
N16K	Nishliuk Lake	41.10	357	P	P	12 52 24.9 +0.7
N17K	Nushagak Hills	41.10	359	P	P	12 52 25.3 +1.1
KAIM	Kayak Island	41.23	8	P	P	12 52 25.6 +0.4
O22K	Cooper Landing	41.23	4	P	P	12 52 24.0 -1.1
N18K	Kilae Creek	41.23	360	P	P	12 52 24.1 -1.2
N18K	Kilae Creek	41.23	360	P	P	12 52 26.3 +1.0
PLID	Pearl Lake	41.37	43	P	P	12 52 26.2 -0.7
N19K	Bonanza Creek	41.37	1	P	P	12 52 25.6 -0.9
N19K	Bonanza Creek	41.37	1	Iamb	Iamb	12 52 31.8
N19K	Bonanza Creek	41.37	1	P	P	12 52 27.4 +0.9
M15K	Kasigluk River	41.42	356	P	P	12 52 27.5 +0.8
X16A	Lo Mia Camp, P	41.54	60	P	P	12 52 27.0 -1.5
M14K	Bethel	41.58	355	P	P	12 52 28.0 0.0
HMT	Hamilton	41.64	8	P	P	12 52 26.9 -1.8
M16K	Timber Creek	41.66	357	P	P	12 52 29.7 +1.0

EYAK	Cordova Ski Ar	41.66	7	P	P	12 52 29.0 +0.3
MVC	Marysvalde	41.79	54	P	P	12 52 29.5 -0.9
TUC	Tucson	41.79	63	P	P	12 52 30.0 -0.4
WUAZ	Wupatki	41.79	58	P	P	12 52 30.8 +0.4
WUAZ	Wupatki	41.79	58	P	P	12 52 30.2 -0.1
HLID	Halley	41.80	46	P	P	12 52 30.7 +0.3
DUG	Dugway, Tooele	41.80	51	P	P	12 52 29.5 -0.9
N20K	Mount Spurr	41.81	2	P	P	12 52 30.9 +0.8
MSU	Marysvalde	41.82	54	P	P	12 52 30.0 -0.6
PNL	Peninsula	41.82	12	P	P	12 52 30.1 +0.1
RC01	Rabbit Creek A	41.83	4	P	P	12 52 30.8 +0.6
MESA	MESA	41.84	10	P	P	12 52 30.2 -0.2
GLI	Glacier	41.84	6	P	P	12 52 30.6 +0.4
T35M	Bob Quinn	41.88	20	P	P	12 52 30.8 +0.2
LP1G	La Paz	41.92	75	LR	LR	13 05 16.1
M17K	Holifira River	41.98	358	P	P	12 52 31.8 +0.4
M18K	Stony River	42.05	360	P	P	12 52 33.1 +1.2
P29M	Windy Craggy	42.13	13	P	P	12 52 33.7 +1.1
SUA	Susitna One	42.14	3	P	P	12 52 32.3 -0.5
SUA	Susitna One	42.14	3	Iamb	Iamb	12 52 37.9
SUA	Susitna One	42.14	3	P	P	12 52 33.0 +0.2
NEW	Newport	42.14	38	P	P	12 52 33.1 +0.2
ISLE	Juniper Island	42.18	9	P	P	12 52 35.1 +1.9
ISLE	Juniper Island	42.18	9	Iamb	Iamb	12 52 38.0
BMRM	Bremner River	42.21	8	P	P	12 52 33.6 +0.3
KNK	Knik Glacier	42.24	5	P	P	12 52 33.6 +0.1
PLBC	Pleasant Camp	42.28	14	P	P	12 52 33.9 +0.1
S34M	Telegraph Cree	42.36	19	P	P	12 52 35.2 +0.7
L16K	Owhat River	42.37	357	P	P	12 52 35.4 +0.9
PMR	Palmer	42.37	4	P	P	12 52 35.8 +1.4
PMR	Palmer	42.37	4	P	P	12 52 36.0 +1.5
L15K	Ungalak Mounta	42.46	356	P	P	12 52 35.8 +0.6
M19K	Big River Lodg	42.47	1	P	P	12 52 35.7 +0.4
M19K	Big River Lodg	42.47	1	P	P	12 52 35.9 +0.6
M22K	Willow	42.47	4	P	P	12 52 36.4 +1.1
M20K	Styx River	42.47	2	P	P	12 52 35.1 -0.3
M20K	Styx River	42.47	2	P	P	12 52 35.8 +0.4
SKAG	Skagway	42.53	15	P	P	12 52 36.9 +1.1
KLU	Klutina	42.56	7	P	P	12 52 37.5 +1.3
O29M	Mount Kennedy	42.57	12	P	P	12 52 36.9 +0.6
SKT	Skwentna	42.62	3	P	P	12 52 34.4 -2.1
SKT	Skwentna	42.62	3	Iamb	Iamb	12 52 45.6
SKT	Skwentna	42.62	3	P	P	12 52 37.6 +1.1
SML	Sawmill	42.64	5	P	P	12 52 36.7 -0.1
SML	Sawmill	42.64	5	Iamb	Iamb	12 52 44.6
SML	Sawmill	42.64	5	P	P	12 52 37.9 +1.1
CTG	Chitna Glacier	42.68	10	P	P	12 52 38.0 +0.7
M23K	Glacier View	42.68	5	P	P	12 52 38.2 +1.2
O28M	Mount Upton	42.70	11	P	P	12 52 38.4 +0.9
BARN	Barnard Glacie	42.72	10	P	P	12 52 36.6 -1.0
P30K	Million Dollar	42.74	13	P	P	12 52 38.4 +0.8
L19K	White Mountain	42.74	0	P	P	12 52 39.0 +1.4
L19K	White Mountain	42.74	0	P	P	12 52 38.6 +1.1
L17K	Donlin	42.74	358	P	P	12 52 38.8 +1.2
SCM	Sheep Creek Mo	42.76	6	P	P	12 52 37.9 +0.2
GLB	Gilahina Butte	42.77	8	P	P	12 52 37.8 0.0
HMU	Henry Mountain	42.78	55	P	P	12 52 36.9 -1.6
HMU	Henry Mountain	42.78	55	Iamb	Iamb	12 52 49.2
L18K	Granite Mounta	42.79	359	P	P	12 52 37.4 -0.5
MCARA	McCarthy VSAT	42.82	9	P	P	12 52 38.8 +0.6
TBI	Tubuau	42.87	172	eP	P	12 52 34.9 -4.1
TBI	comp=Z,1um,25.8s			eS	S	12 59 04.2 0.0
TBI	comp=Z,2um,25.5s			eLQ	LQ	13 02 39.9
TBI	comp=Z,9um,29.0s			eLR	LR	13 04 24.2
TBI	comp=Z,2um,27.0s			eLR	LR	13 04 28.2
K13K	Kusivluk Mount	42.99	354	P	P	12 52 40.3 +0.8
W18A	Petrified Fore	43.04	59	P	P	12 52 40.9 +0.3
P32M	Atlin	43.05	16	P	P	12 52 40.5 +0.4
L20K	Farewell, AK	43.05	1	P	P	12 52 40.9 +0.8
K15K	Wolf Creek Mou	43.07	356	P	P	12 52 41.2 +1.0
CUT	Chulitna	43.11	3	P	P	12 52 41.5 +1.0
HWUT	Hardware Ranch	43.12	49	P	P	12 52 39.3 -1.9
HWUT	Hardware Ranch	43.12	49	Iamb	Iamb	12 53 22.9
DLBC	Dease Lake	43.13	19	P	P	12 52 41.5 +0.7
K17K	Iditarod	43.33	358	P	P	12 52 43.1 +0.9
MSO	Missoula	43.40	41	P	P	12 52 44.0 +0.7
WAT6	Susitna Watana	43.46	5	P	P	12 52 44.3 +0.7
PPLA	Purkeypile	43.51	2	P	P	12 52 44.8 +0.9
BPMT	Black Pine Rid	43.55	42	P	P	12 52 44.3 -1.2
R33M	Jennings River	43.63	18	P	P	12 52 46.3 +1.0
WAT1	Susitna Watana	43.64	4	P	P	12 52 46.6 +1.8
WHY	Whitehorse	43.69	14	P	P	12 52 47.2 +1.8
M26K	Nabesna, AK	43.80	8	P	P	12 52 45.9 -0.3
M26K	Nabesna, AK	43.80	8	Iamb	Iamb	12 52 51.3
M26K	Nabesna, AK	43.80	8	P	P	12 52 47.6 +1.4
M27K	Edge Creek, AK	43.92	9	P	P	12 52 46.2 -1.0
M27K	Edge Creek, AK	43.92	9	Iamb	Iamb	12 52 52.8
M27K	Edge Creek, AK	43.92	9	P	P	12 52 48.2 +1.0
N30M	Aishik Lake	43.92	12	P	P	12 52 48.6 +1.4
K20K	Telida	43.93	1	P	P	12 52 46.4 -0.7
K20K	Telida	43.93	1	Iamb	Iamb	12 53 55.7
K20K	Telida	43.93	1	P	P	12 52 47.7 +0.6
DHY	Denali Highway	43.98	5	P	P	12 52 46.5 -1.2

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Limon Verde, Urumqi, Kurchatov Arra, Makanchi Array, Borovoye Array, etc.

IDC 08 12:45:02.1-0.8, 33.87N-89.41E, h0km, mb3.9/11, mbmp3.9/15, ML3.2/4, MS3.3/6, Error ellipse: s-maj=42.3km s-min=15.2km az=50.0

NEIC 08 12:45:05.1-0.5, 34.04N-100.05E, h10km, n62, r1544/65, mb4.1/17, MS3.6/5, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSA Lhasa, GOMU GeErliu, ARSB Arslanbob, etc.

IDC 08 13:08:07.0-0.6, 2.69S-119.14E, h0km, mb4.1/11, mbmp4.1/12, ML4.4/1, MS3.8/5, Error ellipse: s-maj=48.0km s-min=12.1km az=66.0

DJA 08 13:08:10.2-1.1, 3.53S-111.9E, h17km, 9km, M4.6/13, mB5.1/7, mb4.7/12, ML7.4/7.13, Mw(mB)4.5/7

ISC 08 13:08:12.4-0.6, 2.77S-119.01E, h35km, n28, r1928/25, mb4.2/13, MS4.5/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAP1 Kappang, BKS1 Bulukumba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKBAR Akbulak array, AKTO Aktubinsk, KSAR Wonju Array B, etc.

ASRS 08 12:57:54.0-0.4, 52.1N-2.9E, h9km, MLh3.0/9, Error ellipse: s-maj=3.9km s-min=3.3km az=67.0, confirmed

ISC 08 12:57:56.0-1.5, 51.82N-0.04E, h10km, n19, r1680/31, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERNS Erzin, CERR Cheremushki, DJO Djoy, etc.

IDC 08 13:14:50.1-1.7, 2.69S-119.24E, h0km, mb3.2/3, mbmp3.3/4, ML3.2/1, Error ellipse: s-maj=99.8km s-min=24.0km az=66.0, Sulawesi

BUL 08 13:17:40.6-0.3, 19.89S-32.51E, h10km, MD3.3, EAF 08 13:17:39.6-1.3, 20.01S-0.08E, h10km, n10, r179/20, Zimbabue

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI Kappang, BKS1 Bulukumba, etc.

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

IDC 08 13:10:01.7-3.8, 6.22S-151.95E, h0km, mb3.5/2, mbmp3.6/2, Error ellipse: s-maj=133.9km s-min=54.0km az=120.0, New Britain region

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

NEIC 08 13:12:45.9-0.9, 5.18S-0.09E, 147.5E-0.2, h146km, 12km, mb4.7/8, Error ellipse: s-maj=24.3km s-min=10.8km az=109.0

IDC 08 13:12:49.4-5.3, 5.54S-147.74E, h174km, 58km, mb3.6/2, mbmp4.2/4, Error ellipse: s-maj=117.6km s-min=29.4km az=131.0

ISC 08 13:12:48.1-0.9, 5.38S-109.147E-0.2, h170km, n24, r1866/25, mb4.5/6, Eastern New Guinea region

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

IDC 08 13:14:50.1-1.7, 2.69S-119.24E, h0km, mb3.2/3, mbmp3.3/4, ML3.2/1, Error ellipse: s-maj=99.8km s-min=24.0km az=66.0, Sulawesi

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

BUL 08 13:17:40.6-0.3, 19.89S-32.51E, h10km, MD3.3, EAF 08 13:17:39.6-1.3, 20.01S-0.08E, h10km, n10, r179/20, Zimbabue

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHIPN CHIPINGE, MUSN Musina, etc.

JMA 08 13:20:42.0-0.1, 24.1N-3.123E-0.6, h49km, 1km, n1, MV1.6/NW OFF ISHIGAKIJIMA IS, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, JYNG Yonagunijima, etc.

Table with columns: JISG, Ishigakijimahi, 1.23 79 eP, Pn, 13 21 02.9 +0.1, 13 21 18.3 +0.1. Includes TAP 08 13:21:30.1, 23.71N, 121.12E, h36km, ML1.2, A, Taiwan.

IDC 08 13:26:08.7-0.7, 5.81S, 142.74E, h0km, mb4.3/12, mbmp4.3/15, ML3.9/2, MS3.4/3, Error ellipse: s-maj=31.8km s-min=14.8km az=82.0

NEIC 08 13:26:10.2-2.3, 5.81S, 0.08x142.57E=0.04, h10km, 1km, mb4.6/38, Error ellipse: s-maj=13.9km s-min=6.1km az=196.0

DJA 08 13:26:17.2-0.4, 6.54S, 141.36E, h153km, 7km, M4.8/11, mb5.3/2, mb4.4/11, MLV4.9/5, Mw(mb)4.7/2

ISC 08 13:26:12.1-1.4, 5.95S, 142.60E, 0.06, h28km, n83, f=158/81, mb4.6/29, 1D, New Guinea

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MMPI, JAY, GENI, etc.

Table with columns: USA0B, Ussuriysk Arra, 50.83 350, P, Iamb, P, 13 35 10.4 +0.3, 13 35 11.1. Includes stations like USURK, XAN, CN2, etc.

IDC 08 13:54:09.4-3.1, 3.43S, 135.67E, h0km, mb3.9/3, mbmp4.1/4, ML4.3/1, MS3.8/1, Error ellipse: s-maj=150.8km s-min=28.2km az=81.0

DJA 08 13:54:13.0-0.4, 4.57S, 133.66E, h255km, 4km, M4.2/7, mb4.3/4, mb5.2/1, MLV4.1/7, Mw(mb)4.6/1

ISC 08 13:54:12.9-1.3, 3.65S, 101.135E, 0.10, h22km, n15, f=87/116, Papua Jaya region

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KMPI, FAKI, SWI, etc.

Table with columns: WRA, Warramunga Arr, 47.92 260, P, P, 14 06 30.0 +0.5, 14 06 30.0 -0.5. Includes stations like MTN, KNRA, FITZ, etc.

IDC 08 14:18:51.6+4.1, 15.255N, 176.43W, h0km, mb3.7/3, mbmp3.7/3, MS4.1/2, Error ellipse: s-maj=313.8km s-min=33.0km az=151.0, Fiji Islands region

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

RSNC 08 15:01:25.8-0.0, 12.1N, 147.3W, h8km, 6km, M2.7, mb3.6, ML2.6, Near north coast of Colombia

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

NEIC 08 15:08:23.1-1.8, 18.93N, 106.145E, 0.2, h196km, 9km, mb4.1/10, Error ellipse: s-maj=31.0km s-min=7.0km az=98.0

IDC 08 15:08:25.2-4.7, 18.72N, 145.71E, h216km, 36km, mb3.1/4, mbmp3.7/5, Error ellipse: s-maj=136.6km s-min=21.6km az=115.0

ISC 08 15:08:24.5-0.8, 18.830N, 0.09x145.4E=0.3, h214km, n21, f=116/22, mb3.9/10, Mariana Islands

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GUMO, WBO, WR0, etc.

IDC 08 15:13:43.1-2.3, 6.77S, 129.12E, h0km, mb3.1/1, mbmp3.2/3, ML3.0/2, Error ellipse: s-maj=122.0km s-min=33.4km az=67.0, Banda Sea

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

HEL 08 15:16:10.9-1.0, 6.759N, 34.00E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like VRF, OLKF, KU6, etc.

ISC 08 15:33:31.5:3.5, 14.666N, 0.082E, 1W, 0.2, h85km, 15km, n21, c090/36, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like RTAL Retalhuleu, SMSP San Marcos, SMSG Santiago, SMLM Suchitepequez, SOKI Kucha Raxquin, HUEH Huehuetenango, HUEH Sacapulas, FUG Fuego 3, GUMI Mixco, PCG Pacaya, GCG4 OSOP, NBG Las Nubes, GUNB GUNB, LOAL Lomas de Alarc, LOAL Las Nubes, MRL Marmol, MEVE Cerro Verde, MTO3 Montecristo, JAYA Jayaque - finc, PMON Piromonte, LALI Alcaldia de L.

IDC 08 15:53:10.3:5.7, 6.64S, 147.62E, h0km, mb2.7/1, mbtmp2.9/2, ML3.0/1, MS2.7/1, Error ellipse: s-maj=232.1km s-min=51.2km az=112.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, TORD Torodi Ar. Bea, IDC 08 16:07:56.9:12.0, 15.15S, 164.54E, h0km, mb3.7/3, mbtmp3.7/4, ML3.3/1, MS4.2/1, Error ellipse: s-maj=225.6km s-min=36.0km az=48.0, Vanuatu Islands region

IDC 08 16:07:56.9:12.0, 15.15S, 164.54E, h0km, mb3.7/3, mbtmp3.7/4, ML3.3/1, MS4.2/1, Error ellipse: s-maj=225.6km s-min=36.0km az=48.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like DZM Mont Dzumac, DZM Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, KAPI Kappang, ASRS 08 16:10:12.5:0.4, 52N, 2.9E, h5km, MLH3.5/11, Error ellipse: s-maj=4.7km s-min=3.7km az=80.2, confirmed, Southwestern Siberia

ASRS 08 16:10:12.5:0.4, 52N, 2.9E, h5km, MLH3.5/11, Error ellipse: s-maj=4.7km s-min=3.7km az=80.2, confirmed, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like ERNS Erzincan, CERR Cheremushki, DJO Djoyn, MINR Mina, MINR Teeli, VEH Verkhnyaya Baz, TASR Tashtagol, CUR Chagan-Uzun, ULGR Ulagan, YALR Yailiyu, ARTR Artybash, NOU 08 16:25:27.7, 37.82S, 178.86W, h0km, ML4.4/8, East of North Island, N.Z., WEL 08 16:25:43.6:0.5, 38S, 180E, h33km, M3.7/44, mb4.5/1, ML3.9/52, MLV3.7/44, Mw(mw)B(3.7)/1, Error ellipse: s-maj=0.0km s-min=0.0km az=161.1, confirmed, ISC 08 16:25:37.3:3.1, 37.90S, 0.06E, 179.78W, 0.09, h17km, 23km, n77, c1994/107, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like WMGZ Waiomatatini S, MXZ Matakaoa Point, MXZ Matakaoa Point, WMAZ Waiomatatini S, MXZ Matakaoa Point, MXZ Matakaoa Point.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PUZ Puketiti, CNGZ Carnagh Station, PKGZ Pakihiroa, TWGZ Tauwhareparae, HAZ Te Kaha, HAZ Te Karaka, RUGZ Raukumara Rang, RIGZ Rimuhau, PRGZ Paratu Road, MWZ Matawai, MHGZ Mahia Peninsula, RAGZ Rawiri, KNGZ Kokohu, SNGZ Shannon Station, URGZ Urewera, URGZ Urewera, WHZ Waihua, WHZ Ruatahunu, RTZ Edgacumbe, MRGZ Murupara, MUGZ Mutungataniwha, ARHZ Aropoanui, ARHZ Ohinepanea, PRZ Plateau Road, RRRZ Republican Road, PRZ Plateau Road, MRHZ Marea Road, TGRZ Tauranga, HRRZ Hancock Road, KARZ Kaharoa, MCHZ Mchell Hill, HSZ Hossack Road, KHZ Kahurangi, KWHZ Kaweka Forest, KMRZ Kaimai, KRZ Kereru, RHZ Rihia Road, BHZ Black Hill Sta, WPHZ Waipukurau, PRHZ Porangahau, PNHZ Pokenu, TNZ Tahuroa Road, TMVZ Te Mairi, ETVZ East Tongariro, NTVZ North Tongariro, KUZ Kuaotunu, KUZ Kuaotunu, OTVZ Oturoa, MOVZ Moawhango, SNVZ South Ngauruhoe, NNVZ North Ngauruhoe, WTVZ West Tongariro, NGZ Ngauruhoe, TSZ Takapari Road, TSZ Takapari Road, MKAZ Moumakai, BFZ Birch Farm, WIAZ Waiheke Island, POWZ Post Office Road, HIZ Haurangi, HIZ Haurangi, ETAZ East Tamaki Re, MBZ Motutapu North, WAZ Wanganui, RVAZ Riverhead Bore, NEZ North Egmont, NEZ Puketiti, PKZ Pukekohe, KKE Kahui Hut, WCVZ Waipua Caves, DUWZ D'Urville Island, DUWZ D'Urville Island, OUMZ Omahuta, OUZ Omahuta, CTZ Chatham Island, CTZ Chatham Island, TKNZ Takaka Hill, TKNZ Takaka Hill, QRZ Quartz Range, QRZ Quartz Range.

AFAD 08 16:56:33.6:0.0, 39.09N, 44.43E, h7km, 3km, ML2.5, TEH 08 16:56:33.7, 39.02N, 44.47E, h10km, 127km, ML2.8, AZER 08 16:56:34.0, 39.07N, 44.44E, h10km, ml2.9, ISC 08 16:56:35.4, 39.07N, 44.38E, h9km, ML2.77, ISC 08 16:56:33.9:1.0, 39.09N, 0.02E, 44.45E, 0.02, h7km, 9km, n49, c136/80, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like MAKU Maku, CALDR Caldian, CALDR Caldian, OZAP Van, OZalP-Mer, VMUR Van-Muradiye, HYR Heyderabad, HYR Heyderabad, DYN Diyadin, NAX Nakhchivan, NAX Nakhchivan, IGDI IGDIR, IGDI IGDIR, ERCV ERCIS-VAN, TASC TASBURUN-IGDIR, SBZ Shahbuz, VANB Van, VANB Van, TVAN Van, TVAN Van, IMRD Marand, KOTA Agri, Merkez-K, ORDB Ordubad, ORDB Ordubad, ISHB Shestaber, DORK Agr/Tokdo, GEVA Gevas, GEVA Gevas, ADCV Bitlis, Adilcevaz, AKDM Akdamar-Van, MLAZ Malazgirt-MUS, YOVA Yedigöller, Yksek, ITBZ Tabriz, HAKT HAKKARI, HAKT HAKKARI.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like HAKT comp=N,50nm,0.4s, EATA Eilat, EAK Akkaba, IAZR Azarshah, GDB GEDABAY, GDB Guroymak-BITLI, GURO Gazax, Azerba, OZZ Ganja, GANJ Ganja, JHR Heris, KOPR Koprukoy-ERZUR, GRD Goradz, AGDM Agdam, BRDA Brd, BLQ Beylaqan, BLQ Mingechevir, A MNGR Yardimli, YRD Yerdimli, SEKA Sheki, ZKTA Zakatala, ZKTA Zakatala, GLBA Gilbrat, GLBA Gilbrat, LRK Lerik, LRK Gabala, QBL Qabala, ISM Ismayilli, IML Ismayilli, ASTR Astar, ASTR Astar, XNQ Khinaliq, XNQ Khinaliq.

PGC 08 17:09:35.1:0.2, 48.82N, 123.23W, h61km, ML3.2, ML2.8/28, 21km Ssw of Tsawwassen, Bc Vancouver Island, Canada Region Mmi Li Saturna Is, Sidney, North Saanich, Victoria, Langford, Chemainus, Crofton, Duncan, Delta, Richmond, Vancouver, N. Vancouver, NEIC 08 17:09:35.5:1.1, 48.82N, 0.02E, 123.23W, 0.04, h56km, 4km, Error ellipse: s-maj=3.4km s-min=2.8km az=73.0, SEA 08 17:09:35.4:1.2, 48.83N, 0.02E, 123.21W, 0.04, h58km, 3km, ML3.2/18, ML3.1/70(NEIC), Error ellipse: s-maj=3.5km s-min=3.3km az=215.0, ISC 08 17:09:34.9:1.2, 48.83N, 0.02E, 123.25W, 0.02, h62km, 4km, n183, c088/203, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like SNB Saturna Island, SNB Saturna Island, SNB Saturna Island, GOBB Galiano Island, GOBB Galiano Island, PA01 PA01 North, PA01 PA01 North, B010 North Saanich, B010 North Saanich, PGC Sidney, PGC Sidney, PGC Sidney, B009 North Saanich, B009 North Saanich, MCW Mount Constitu, MCW Mount Constitu, UWFH University of, UWFH University of, VGZ Gonzales, VGZ Gonzales, VGZ Gonzales, SYMB Survey Mountai, SYMB Survey Mountai, B926 Mesachie Lake, B926 Mesachie Lake, B926 Mesachie Lake, CLRS Cowichan Lake, CLRS Cowichan Lake, CLRS comp=E,890nm,0.6s, CLRS Cowichan Lake, CLRS Cowichan Lake, B1B Bowen Island, B1B Bowen Island, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, HNBH Haney, HNBH Haney, HNBH Haney, SVOH Skagit Valley, SVOH Skagit Valley, STW Striped Peak, STW Striped Peak, SQM Sequim, SQM Sequim, B04A Port Angeles, B04A Port Angeles, B04A Port Angeles, B04A comp=N,1um,0.5s, CLRS Cowichan Lake, CLRS Cowichan Lake, B1B Bowen Island, B1B Bowen Island, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, HNBH Haney, HNBH Haney, SVOH Skagit Valley, SVOH Skagit Valley, STW Striped Peak, STW Striped Peak, SQM Sequim, SQM Sequim, B04A Port Angeles, B04A Port Angeles, B04A Port Angeles, B04A comp=N,1um,0.3s, PTRF Port Renfrew, PTRF Port Renfrew, PTRF Port Renfrew, PTRF Port Renfrew, PTFB Port Renfrew, PTFB Port Renfrew, WPB Watts Point, WPB Watts Point, SHB Sechart, SHB Sechart, SHB Sechart, SHB Mount Baker, SHB Mount Baker, OBC Olympics-Boni, OBC Olympics-Boni, P403 Sandy Floe Qu, P403 Olympics-Tyee, B013 Quilcene, B013 Quilcene, B013 Quilcene, OSD Olympics-Snow, OSD Olympics-Snow, OSD Olympics-Snow, OCP Olym-Cheeka Pk, OCP Olym-Cheeka Pk, JCW Jim Creek, JCW Jim Creek, B927 Port Alberni, B927 Port Alberni, B927 Port Alberni, C04A Brinnon, C04A Brinnon, HDW Hoodspoor, HDW Hoodspoor, HDW Hoodspoor, RPW Rockport, RPW Rockport, C03A Quillayute Air, C03A Quillayute Air, C03A Quillayute Air.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, HNBH Haney, HNBH Haney, SVOH Skagit Valley, SVOH Skagit Valley, STW Striped Peak, STW Striped Peak, SQM Sequim, SQM Sequim, B04A Port Angeles, B04A Port Angeles, B04A Port Angeles, B04A comp=N,1um,0.5s, CLRS Cowichan Lake, CLRS Cowichan Lake, B1B Bowen Island, B1B Bowen Island, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, HNBH Haney, HNBH Haney, SVOH Skagit Valley, SVOH Skagit Valley, STW Striped Peak, STW Striped Peak, SQM Sequim, SQM Sequim, B04A Port Angeles, B04A Port Angeles, B04A Port Angeles, B04A comp=N,1um,0.3s, PTRF Port Renfrew, PTRF Port Renfrew, PTRF Port Renfrew, PTRF Port Renfrew, PTFB Port Renfrew, PTFB Port Renfrew, WPB Watts Point, WPB Watts Point, SHB Sechart, SHB Sechart, SHB Sechart, SHB Mount Baker, SHB Mount Baker, OBC Olympics-Boni, OBC Olympics-Boni, P403 Sandy Floe Qu, P403 Olympics-Tyee, B013 Quilcene, B013 Quilcene, B013 Quilcene, OSD Olympics-Snow, OSD Olympics-Snow, OSD Olympics-Snow, OCP Olym-Cheeka Pk, OCP Olym-Cheeka Pk, JCW Jim Creek, JCW Jim Creek, B927 Port Alberni, B927 Port Alberni, B927 Port Alberni, C04A Brinnon, C04A Brinnon, HDW Hoodspoor, HDW Hoodspoor, HDW Hoodspoor, RPW Rockport, RPW Rockport, C03A Quillayute Air, C03A Quillayute Air, C03A Quillayute Air.

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Table with columns: MOC2, Callahan, 2.13 8, Pn, 17 24 29.0 -0.1, BTK, Osh, 4.23 17, PN, Pn, 17 27 46.5, KIV, Kislovodsk, 22.93 298f, eP, P, 17 30 50.5 +2.8

Table with columns: BTK, Osh, 4.23 17, PN, Pn, 17 27 46.5, OHH, KSH, 4.85 50, P, Pn, 17 27 07.6 -4.2, KSH, 17 27 12.2 -7.1, KSH, 17 28 03.7 -1.5, BELG, Belogomov, 23.00 321, P, P, 17 30 49.8 +1.7

Table with columns: BELG, Belogomov, 23.00 321, P, P, 17 30 49.8 +1.7, BELG, Belogomov, 23.00 321, deP, P, 17 30 49.2 +1.1, ARPR, Anapa, 26.02 286, P, P, 17 31 13.2 -2.5, ANN, Anapa, 26.78 299, eP, P, 17 31 22.5 +0.3

Table with columns: KBL, Kabul, 2.60 223, Op, Pn, 17 26 51.5 +2.4, KBL, Kabul, 2.60 223, Sn, Pn, 17 27 26.1 -6.2, KBL, Kabul, 2.60 223, PN, Pn, 17 26 51.6 -2.3

Table with columns: ARU, Arti, 21.71 341, P, Pn, 17 30 37.8 +1.6, ARU, Arti, 21.71 341, dIP, S, 17 30 37.3 +1.1, ARU, Arti, 21.71 341, P, Pn, 17 30 38.7

Table with columns: B21K, Ikpikpuk River, 69.05 16, P, P, 17 37 44.9 +1.0, B21K, Ikpikpuk River, 69.05 16, P, P, 17 37 44.9 +1.0, C23K, Itkilik River, 69.71 14, P, P, 17 36 56.4 +1.5

IDC 08 17:26:03.4z+2.1, 36.33N; 71.17E, h226km, 20km, mb3.5/2.0, mbtmp4.1/27, Error ellipse: s-maj=13.8km s-min=10.3km az=10.0
MOS 08 17:26:03.1z+0.8, 36.45N; 71.19E, h237km, mb4.1/18, Error ellipse: s-maj=9.6km s-min=5.3km az=92.4
NEIC 08 17:26:04.2z+1.36, 47N; 0.05; 71.17E; 0.02, h235km, 4km, mb4.2/48, Error ellipse: s-maj=9.3km s-min=7.6km az=95.0
NNC 08 17:26:08.1z+2.8, 36.82N; 71.18E, h224km, 28km, mb3.0, mpv4.1, Error ellipse: s-maj=25.4km s-min=18.0km az=5.0
ISC 08 17:26:05.3z+0.4, 36.48N; 0.04; 71.19E; 0.04, h250km, n180, c2523/20m, mb4.1/53, 15C-13D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Bethel, Ohwat River, LBTB, etc.

DJA 08 17:34:43.5, 0.4, 8.5, 4.121E, h181km, 6km, M3.9/13, mb4.0/4, mB5.0/1, ML3.9/13, Mw(mb)4.3/1

ICD 08 17:34:45.4, 1.6, 8.0/1S, Error ellipse: s-maj=148.9km s-min=15.2km az=53.0

ISC 08 17:34:42.9, 1.0, 8.45S, 0.07, 121.31E, 0.07, h200km, n23, e137/27, Flores region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ende, Flores, Maumere, etc.

ICD 08 17:58:37.4, 0.6, 28.20N, 139.89E, h393km, 9km, mb3.3/17, mbtmp4.1/22, Error ellipse: s-maj=26.2km s-min=9.0km az=73.0

NEIC 08 17:58:39.6, 1.5, 28.19N, 0.05, 139.7E, 0.1, h405km, 7km, mb4.0/43, Error ellipse: s-maj=17.1km s-min=5.8km az=71.0

JMA 08 17:58:39.4, 0.1, 28.19N, 1.14E, h428km, MV4.2/15, W OFF OGASAWARA

ISC 08 17:58:38.8, 0.4, 28.19N, 0.05, 139.74E, 0.07, h400km, n97, e139/105, mb3.8/37, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chichi jima, Chichijima, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like USAOB, SSSL, MA2, etc.

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

OSPL 08 18:23:56.5, 1.9, 18.32N, 69.23W, h168km, 10km, ML3.2 SDD 08 18:23:57.6, 2.5, 18.33N, 69.22W, h160km, 9km, MD3.7, ML3.4, MV3.8

ISC 08 18:23:54.6, 1.6, 18.34N, 0.07, 69.21W, 0.03, h166km, gkm, n27, e149/50, 3C-3D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like San Pedro UASD, Isla Saona, etc.

8d 18h

AGPR	Aguadilla, PR	2.00	86	ePg	Pn	18 24 32.2 +1.5
AGPR				eSg	Sn	18 24 56.5 -2.0
AGPR				IAML		18 25 02.0
comp=N,160nm,0.7s						
AGPR	Aguadilla, PR	2.00	86	i P	Pn	18 24 32.5 +1.8
AGPR				IAML		18 25 08.0
comp=Z,107nm,0.2s						
CRPR	Cabo Rojo, PR	2.03	99	ePg	Pn	18 24 30.4 -0.6
CRPR				eSg	Sn	18 24 58.3 -0.8
CRPR				IAML		18 24 58.9
comp=N,64nm,1.6s						
CRPR	Cabo Rojo, PR	2.03	99	i P	Pn	18 24 31.2 +0.2
CRPR				IAML		18 25 00.2
comp=Z,63nm,0.2s						
SDDR	Presa de Saban	2.07	288	ePg	Pn	18 24 33.6 +2.1
SDDR				eSg	Sn	18 24 59.2 -0.8
SDDR				IAML		18 25 06.2
comp=N,71nm,0.7s						
SDDR	Presa de Saban	2.07	288	i P	Pn	18 24 32.7 +1.2
SDDR				eS	Sn	18 24 57.9 -2.1
SDDR				IAML		18 25 06.8
comp=Z,36nm,0.5s						
MLPR	Magueyes Islan	2.10	100	ePg	Pn	18 24 33.6 +1.8
MLPR				eSg	Sn	18 24 59.2 -1.2
MLPR				IAML		18 25 11.8
comp=N,43nm,0.3s						
REDR	Restauracion	2.22	292	ePg	Pn	18 24 39.9 +6.7
REDR				eSg	Sn	18 25 07.8 +4.6
REDR				IAML		18 25 14.6
comp=N,64nm,0.2s						
AOPR	Arecibo Observ	2.34	89	ePg	Pn	18 24 35.7 +1.1
AOPR				eSg	Sn	18 25 05.6 0.0
AOPR				IAML		18 25 09.4
comp=N,696nm,0.2s						
CELP	Cerrillos	2.52	96	ePg	Pn	18 24 36.8 +0.1
CELP				eSg	Sn	18 25 08.1 -1.3
GRTK	Grand Turk	3.63	331	i P	Pn	18 24 50.3 -0.3
GRTK				eS	Sn	18 25 30.9 -3.3
GRTK				IAML		18 25 33.9
comp=Z,31nm,0.8s						

IDC 08 18:26:20.1-0.6,11°18'N-138°85'E, h0km, mb4.3/18, mbtmp4.3/18, MS3.8/48, Error ellipse: s-maj=25.7km s-min=14.1km az=82.0
BUI 08 18:26:21.8-0.0,11°15'N-138°97'E, h27km, mb4.6/57, mb4.9/22, Ms4.2/23, Ms7.4/125
NEIC 08 18:26:21.9-1.4,11°18'N-138°79'E, h10km, mb4.8/149, Error ellipse: s-maj=16.3km s-min=4.2km az=152.0
GCMT 08 18:26:23.9-0.3,11°29'N-138°63'E, h22km, MW4.9/84, Moment Tensor Solution, s38,c40, e84,c122; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr2.38; 13; Mw-0.98; 07; Mw-1.39; 08; Mw-0.08; 14; Mw-0.82; 05; Mw-0.04; 13; Best double couple: M2.20600; 1016 NP1.220.00000°, 645.00000°, 192.00000°. NP2: 0.36.00000°, 645.00000°, 188.00000°. Principal axes: T 2.3830, Plg88.0000°, Azm210.0000°; N -0.3480, Plg2.0000°, Azm38.0000°; P -2.0290, Plg0.0000° Azm308.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 08 18:26:24.2-2.6,11°14'N-133°9'E, h15km, mb18m, M4.8/15, mb5.2/7, mb5.0/15, MLV4.8/1, Mw(mb)4.6/7
ISC 08 18:26:21.6-0.3,11°17'N-138°79'E, h10km, m458, c196/401, mb4.8/103, MS3.9/56, 2C-1D, Western Caroline Islands

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
GUMO	Guam	6.41	67	Pn	Sn	18 27 54.9 -1.2	
GUMO				Pn	Sn	18 29 08.9 -0.5	
GUMO				Pn	Sn	18 27 59.5 +3.4	
9.5nm,0.3s,baz=252,slow=20,SNR=7.2							
GUMO				Sn		18 29 10.3 +0.9	
7.7nm,0.3s,baz=247,slow=18,SNR=1.6							
GUMO				LR		18 30 04.1	
comp=Z,2713nm,18.2s,baz=230,slow=35							
DAV	Davao City (W)	13.66	254	LR		18 35 21.2	
comp=Z,247nm,18.1s,baz=110,slow=39							
JAY	Jayapura	13.73	172	P	Pn	18 29 38.9 +2.4	
44nm,0.5s,565nm							
GENI	Genyem	13.74	174	P	Pn	18 29 41.1 +4.5	
91nm,0.6s,1um							
FAKI	Fak Fak	15.44	205		Pn	18 30 02.2 +2.6	
JCJ	Chichijima	16.16	11	LR		18 35 19.5	
comp=Z,135nm,18.1s,baz=179,slow=33							
JOW	Kunigami	18.46	329	P	Iamb	18 30 37.6 0.0	
JOW				Iamb		18 30 46.6	
JOW				Iamb		18 30 42.5 +4.8	
comp=Z,68nm,0.9s							
JOW				LR		18 36 07.8	
comp=Z,43nm,0.7s,baz=147,slow=10,SNR=9.0							
PATS	Luwuk	18.75	101	P	P	18 30 52.7 +0.8	
LWU	Luwuk	20.02	234	P	Iamb	18 30 54.9 +0.2	
LWU				Iamb		18 31 01.1	
LWU				Pn		18 30 56.3 -0.2	
comp=Z,65nm,1.0s							
RABL	Rabaul	20.25	138	P	Iamb	18 30 57.4 +0.1	
RABL				Iamb		18 31 05.3	
comp=Z,53nm,0.8s							
TOLZ	Toitaiti	20.48	242	P	Iamb	18 30 59.8 0.0	
TOLZ				Iamb		18 31 05.8	
comp=Z,48nm,1.1s							
YULB	Yu-li	20.63	308	P	Iamb	18 31 01.6 +0.3	
YULB				Iamb		18 31 10.1	
comp=Z,78nm,1.2s							
NACB	Ninganchiao	20.84	311	P	P	18 31 03.1 -0.5	
MYLDM	Lahad Datu	20.94	255	P	P	18 31 04.9 +0.2	
TPUB	Ta-pu	21.10	307	P	P	18 31 06.4 0.0	
TPUB				Iamb		18 31 12.7	
comp=Z,84nm,1.3s							
SSLB	Suanglung	21.11	309	P	P	18 31 05.8 -0.7	
YHNB	Yeheng	21.29	311	P	P	18 31 07.1 -1.4	
YHNB				Iamb		18 31 22.5	
comp=Z,81nm,1.3s							
PMG	Port Moresby	22.07	158	LR		18 38 51.0	
comp=Z,396nm,20.6s							
JMN	Monobe	22.90	349	P	P	18 31 25.7 +0.1	
JNU	Nakatsue	23.02	343	P	P	18 31 27.0 0.0	
JNU				Iamb		18 31 29.0	
comp=Z,29nm,1.2s							
JNU				LR		18 40 11.8	
comp=Z,185nm,18.2s,baz=142,slow=36							
INU	Inuyama	24.12	356	P	P	18 31 37.4 -0.3	
JGF	Kuroka	24.36	357	P	P	18 31 39.9 0.0	
JTU	Tsushima	24.78	341	P	P	18 31 43.0 -0.6	
JTU				Iamb		18 31 58.9	
comp=Z,38nm,1.2s							
MTN	Manton Dam	25.04	198	P	Iamb	18 31 45.9 -0.2	
MTN				Iamb		18 32 10.8	
comp=Z,24nm,1.4s							
MJAR	Matsushiro Arr	25.27	359	P	P	18 31 47.6 -0.5	
comp=Z,3.4nm,0.9s,baz=178,slow=10,SNR=7.4							
MJAR				LR		18 40 35.7	
comp=Z,194nm,18.2s,baz=164,slow=34							
comp=Z,3.4nm,0.9s							
MAJO	Matsushiro	25.27	359	P	P	18 31 46.5 -1.6	
MJB9	Matsu-Tunnel	25.27	359	P	P	18 31 46.3 -1.8	
SOEI	Soe	25.31	215	P	P	18 31 48.1 -0.7	
MMRI	Maumere	25.66	221	P	P	18 31 51.2 -0.5	
BATI	Baumata	26.02	216	LR		18 41 01.8	
comp=Z,52nm,20.1s,baz=91,slow=34							
JMM	Marumori	26.64	4	P	P	18 31 59.7 -0.8	
TJN	Taejon	27.14	339	P	P	18 32 04.4 -0.6	
SBUM	Sibu	27.74	254	P	P	18 32 09.8 -0.9	
NJ2	Nanjing	27.75	322	eP		18 32 12.9 +2.4	
NJ2						18 32 12.9 +2.4	
comp=Z,10,0nm,0.6s							

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
KSAR	Wonju Array Be	27.94	341	P	P	18 32 10.3 -1.9	
H1N1	WAKE ISLAND Hy	28.35	69	T	T	19 02 43.6	
baz=254,slow=75,SNR=3.5							
H1N2	WAKE ISLAND Hy	28.36	69	T	T	19 02 45.6	
baz=254,slow=75,SNR=5.0							
H1N3	WAKE ISLAND Hy	28.37	69	T	T	19 02 47.8	
baz=254,slow=75,SNR=48							
QIZ	Giongzongh	28.98	289	P	P	18 32 22.7 +1.0	
QIZ				S	LR	18 37 11.9 -1.0	
comp=Z,170nm,14.7s							
QIZ				LR		18 32 22.7 +1.0	
comp=Z,170nm,15.2s							
QIZ				LR		18 37 11.9 -1.0	
comp=Z,190nm,15.1s							
HNR	Honiara	29.35	133	LR		18 43 34.2	
comp=Z,2um,19.1s,baz=200,slow=35							
WBO	Warramunga Arr	31.05	188	P	P	18 32 39.1 -0.8	
WB2	Warramunga Arr	31.22	188	P	P	18 32 40.6 -0.8	
WRA	Warramunga Arr	31.23	188	P	P	18 32 41.2 -0.2	
WRA	Warramunga Arr	31.23	188	P	P	18 32 41.0 -0.4	
comp=Z,1.1nm,0.9s,baz=0.8,slow=9.4,SNR=13							
WRA				PcP	PcP	18 35 36.7 +0.5	
comp=Z,1.0nm,1.1s,baz=0.9,slow=5.2,SNR=4.9							
WRA				LR		18 44 58.9	
comp=Z,151nm,20.3s,baz=98,slow=36							
FITZ	Fitzroy Cross	31.85	204	P	P	18 32 45.5 -1.4	
USRK	Ussuruk Arr	33.43	351	P	P	18 32 59.6 -1.0	
comp=Z,2.0nm,0.8s,baz=164,slow=9.6,SNR=3.9							
GVA	Guiyang	33.87	301	P	P	18 33 06.9 +2.1	
GVA				pP	pP	18 33 13.0 +2.5	
GVA				pmax	pmax		
comp=Z,10,0nm,1.0s							
HNS	HongShan	33.91	324	↑P	P	18 33 05.0 +0.2	
HNS				S	S	18 38 33.8 +4.3	
comp=Z,10,0nm,1.0s							
HNS				LR		18 33 05.0 +0.2	
comp=Z,200nm,15.9s							
HNS				LR		18 38 33.8 +4.3	
comp=Z,200nm,17.5s							
CN2	Changchun	34.50	343	eP	P	18 33 09.4 -0.5	
CN2				eS	S	18 38 34.6 -3.9	
CN2				pmax	pmax		
comp=Z,10,0nm,1.2s							
CN2				LR		18 33 09.4 -0.5	
comp=Z,110nm,14.0s							
CN2				LR		18 38 34.6 -3.9	
comp=Z,100nm,14.0s							
SLVN	Son La	34.91	291	P	P	18 33 13.5 -0.3	
AS31	Alice Springs	34.95	188	P	P	18 33 13.1 -0.9	
ASAR	Alice Springs	34.95	188	P	P	18 33 13.4 -0.6	
ASAR	Alice Springs	34.95	188	P	P	18 33 14.3 +0.4	
comp=Z,1.7nm,0.6s,baz=15,slow=12,SNR=56							
ASAR				PcP	PcP	18 35 46.4 -0.2	
comp=Z,0.6nm,0.8s,baz=30,slow=3.2,SNR=4.3							
ASAR				LR		18 47 16.2	
comp=Z,1.7nm,21.7s,baz=356,slow=36							
comp=Z,1.7nm,21.7s,baz=356,slow=36							
BJT	Baijiatou	35.02	329	P	Iamb	18 33 12.4 -2.1	
BJT				Iamb		18 33 22.1	
comp=Z,21nm,1.2s							
BJI	Beijing	35.04	329	P	pmax	18 33 14.8 +0.3	
EJI				pmax		18 33 14.8 +0.3	
comp=Z,8,0nm,1.1s							
XAN	Xi'an	35.52	315	↑P	P	18 33 1	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, I, Op, ISC, h, m, s, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, ARU Arti, etc.

TRN 08 18:53:48.8, 11.02N, 62.28W, h108km, MD3.7, North of the Paria peninsula.
FUNVH 08 18:53:49.9, 10.93N, 62.24W, h94km, MWV4.0
ISC 08 18:53:46.2, 1.4, 10.95N, 0.04, 62.27W, 0.04, h127km, 1.0km, n27, c1985/48, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, I, Op, ISC, h, m, s, ISC. Includes stations like TRN Trinidad (W), CRUV Carupano, GRFF Grenada Fort F, etc.

NEIC 08 19:02:14.2, 1.2, 19.38N, 0.01, 155.268W, 0.008, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.7km az=167.0
HVO 08 19:02:13.7, 0.9, 19.402N, 0.009, 155.271W, 0.008, h0km, 3km, ML3.4/40, ML3.3/36(NEIC), Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, I, Op, ISC, h, m, s, ISC. Includes stations like s-maj=1.4km s-min=1.0km az=163.0, Hawaiian Islands, CSTR Hydro, Custer, etc.

NEIC 08 19:14:00.3, 0.4, 36.277N, 0.010, 97.53W, 0.01, h6km, 2km, Error ellipse: s-maj=1.5km s-min=1.4km az=80.0
TUL 08 19:14:00.4, 0.5, 36.286N, 0.006, 97.51W, 0.01, h7km, 2km, ML3.2, mg_Lg2.9/109(NEIC), ML3.1/76(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=68.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, I, Op, ISC, h, m, s, ISC. Includes stations like CROK Carrier, OK048 Pawnee Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, I, Op, ISC, h, m, s, ISC. Includes stations like CSTR Hydro, Custer, U32A Winter Ranch, etc.

8d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JWFS Jewell Farm, H40D Norwalk, IASD Black Hills, F33A 5 Mile Ranch, SPMN Marine on St.

MOS 08 19:27:34.5, 1.5, 36:21N:22:79E, h10km, mb4.4/6, Error ellipse: s-maj=8.8km s-min=5.5km az=90.0

ICD 08 19:27:35.0, 0.9, 36:43N:22:95E, h0km, mb3.8/17, m1mp3.8/22, ML3.3/4, MS2.8/6, Error ellipse: s-maj=19.8km s-min=12.5km az=27.0

THE 08 19:27:36.7, 36:40N:22:84E, h0km, 2km, ML3.3/5, Error ellipse: s-maj=2.4km s-min=0.6km az=80.0

AFAD 08 19:27:37.0, 0.0, 36:70N:23:19E, h8km, 4km, MW3.7, NAO 08 19:27:37.0, 0.0, 36:40N:21:26E, h33km, mb4.0

ISC 08 19:27:38.0, 0.9, 36:40N:02:22:86E, 0.03, h14km, 5km, n176, r1940, 18m, mb4.0/26, MS2.6/3, 5C-3D, Southern Greece

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NPSI Neapolis Lacon, MNVA Monemvasia, VLI Veliai, ANKY Antikythira Is, etc.

2018 JUN

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSTV Lastovo, PAOL Paolisi, HVAR Hvar, CSS Mathiatis, INTR Introdacqua, etc.

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Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WMQ Urumqi, etc.

8d 20h

STYT	baz=306	eS	Sb	20 21 19.8 -1.0
TAW	baz=306 Tawu baz=220	0.61 217 P	Pg	20 21 12.2 -0.4
TAW	baz=220	eS	Sb	20 21 21.3 -0.0
SLGT	baz=220 Liugui baz=283	0.61 284 eP	Pb	20 21 12.2 -0.8
SLGT	baz=283	eS	Sb	20 21 20.0 -1.5
TSMC	baz=283 Majia baz=252	0.61 257 P	Pg	20 21 12.0 -0.6
TSMC	baz=252	S	Sg	20 21 19.7 -1.2
EAST	baz=252 Anshuo baz=213	0.62 222 eP	Pg	20 21 12.1 -0.6
SSD	baz=213 Sandimen baz=253	0.62 261 iP	Pg	20 21 11.9 -0.8
SSD	baz=253	iS	Sg	20 21 19.4 -1.6
TAWH	baz=253 Dawu Township baz=220	0.63 217 P	Pg	20 21 12.6 -0.3
EHYH	baz=220 Wanrong baz=359	0.65 4 eP	Pg	20 21 12.5 -0.8
MASBT	baz=359 Mashibuluo baz=235	0.65 249 iP	Pg	20 21 12.7 -0.7
MASBT	baz=235	S	Sg	20 21 20.6 -1.5
HGSD	baz=235 Ruisui baz=28	0.66 11 eP	Pg	20 21 13.1 -0.3
EHY	baz=28 Hungye baz=357	0.66 2 P	Pg	20 21 12.4 -1.1
EHY	baz=357	eS	Sb	20 21 23.0 +0.3
SCST	baz=357 Cishan baz=263	0.74 273 P	Pb	20 21 15.0 -0.1
WTP	baz=263 Ta-pu baz=305	0.74 303 iP	Pb	20 21 15.0 -0.2
WTP	baz=305	S	Sb	20 21 25.4 +0.2
SGLT	baz=305 Jiouru baz=256	0.75 261 eP	Pb	20 21 15.6 +0.3
SGLT	baz=256	eS	Sn	20 21 28.4 +0.7
TPUB	baz=256 Ta-pu baz=310	0.76 307 P	Pb	20 21 15.4 -0.1
TPUB	baz=310	P	Pb	20 21 15.4 -0.1
TPUB	baz=310	S	Sn	20 21 26.9 -1.1
SCZT	baz=310 Fangliu baz=216	0.78 233 iP	Pg	20 21 15.1 -0.7
SCZT	baz=216	eS	Sb	20 21 27.1 +0.8
CHN1	baz=216 Nanshi baz=304	0.78 296 iP	Pb	20 21 16.0 +0.1
CHN1	baz=304	S	Sn	20 21 28.4 -0.2
ALS	baz=304 Alishan baz=342	0.80 326 iP	Pb	20 21 15.9 -0.4
ALS	baz=342	S	Sb	20 21 26.5 -0.6
TWM1	baz=342 Shoushan baz=258	0.80 269 eP	Pb	20 21 16.9 -0.4
CHN4	baz=258 Tsoushan baz=311	0.82 308 iP	Pb	20 21 16.6 +0.1
CHN4	baz=311	eS	Sn	20 21 28.6 -0.8
SNST	baz=311 Tainan City baz=298	0.82 297 eP	Pb	20 21 16.9 +0.3
SNST	baz=298	eS	Sn	20 21 30.6 +1.1
LAY	baz=298 Lan-yu baz=145	0.84 163 eP	Pg	20 21 15.7 -1.2
TWK	baz=145 Hsinying baz=302	0.85 300 iP	Pg	20 21 17.1 -0.0
TWK	baz=302	eS	Sn	20 21 29.9 -0.4
WCKO	baz=302 Fanlu baz=327	0.87 313 P	Pb	20 21 17.3 0.0
WCKO	baz=327	S	Sn	20 21 30.4 -0.2
WARBT	baz=327 Fenglin Townsh baz=14	0.87 6 eP	Pg	20 21 15.4 -2.1
LYUB	baz=14 Lan-yu baz=145	0.88 162 eP	Pg	20 21 15.0 -2.7
SHHT	baz=145 Tainan City baz=280	0.89 282 eP	Pn	20 21 19.3 +0.8
SNJT	baz=280 Kaoshiung City baz=259	0.89 264 eP	Pg	20 21 19.2 +0.7
VVDT	baz=259 WYD7 baz=11	0.92 351 P	Pn	20 21 17.3 -1.0
VVDT	baz=11	eS	Sb	20 21 30.5 +0.4
WHYT	baz=11 Xinyi Township baz=341	0.94 335 P	Pb	20 21 18.5 -0.1
WHYT	baz=341	eS	Sb	20 21 30.7 -0.1
SHUL	baz=341 Shoufeng baz=9	0.97 15 eP	Pg	20 21 19.1 -0.3
SSHA	baz=9 Shanhua baz=287	0.97 288 eP	Pn	20 21 20.5 +0.9
SSHA	baz=287	eS	Sn	20 21 36.7 +3.6
ESL	baz=287 Shilin baz=17	0.97 8 eP	Pg	20 21 18.6 -0.9
ESL	baz=17	eS	Sn	20 21 33.5 +0.3
HEN	baz=17 Hengchun baz=202	0.98 212 eP	Pg	20 21 21.8 +2.0
SSLB	baz=202 Suanglung baz=350	0.99 342 P	Pg	20 21 18.9 -0.8
SSLB	baz=350	eP	Pg	20 21 18.9 -0.8
TWK1	baz=350 Hengchun baz=178	1.00 207 eP	Pn	20 21 20.7 +0.6
TWKBT	baz=178 Hengchun baz=173	1.00 206 eP	Pg	20 21 19.3 -0.7
CHN2	baz=173 Mingshiang baz=316	1.02 312 eP	Pn	20 21 20.6 +0.3
SCLT	baz=316 Jiali baz=288	1.06 288 eP	Pn	20 21 21.6 +0.7
SCLT	baz=288	S	Sn	20 21 38.5 +3.0
ICHU	baz=288 Yijhu baz=301	1.06 299 eP	Pn	20 21 21.4 +0.4
ICHU	baz=301	eS	Sn	20 21 38.3 +2.9
WGK	baz=301 Gukeng baz=327	1.07 321 eP	Pn	20 21 21.3 +0.3
WGK	baz=327	eS	Sn	20 21 38.2 +2.5
WDLH	baz=327 Douliu baz=326	1.09 321 eP	Pn	20 21 21.7 +0.4
WDLH	baz=326	eS	Sn	20 21 37.9 +1.8
SMLT	baz=326 Sun Moon Lake baz=359	1.09 341 P	Pg	20 21 20.9 -0.8
SMLT	baz=359	eS	Sn	20 21 37.4 +1.0
WJS	baz=359 Zhushan baz=338	1.10 332 eP	Pn	20 21 22.2 +0.7
WJS	baz=338	eS	Sn	20 21 38.8 +2.3
OWD	baz=338 Renai baz=15	1.11 354 eP	Pg	20 21 20.4 -1.7
CHN8	baz=15 Yiju baz=298	1.11 297 eP	Pn	20 21 22.1 +0.5
CHN8	baz=298	eS	Sn	20 21 39.2 +2.5
TYC	baz=298 Yuchr baz=347	1.13 339 eP	Pb	20 21 21.7 -0.1
TYC	baz=347	eS	Sn	20 21 38.2 +1.2
ETM	baz=347 Tongmen baz=17	1.13 9 eP	Pb	20 21 19.8 -2.1
TSCCK	baz=17 Chigu Township baz=284	1.15 285 eP	Pn	20 21 23.3 +1.2
TSCCK	baz=284	eS	Sn	20 21 40.3 +2.7
WUSB	baz=284 Renai baz=12	1.15 352 eP	Pg	20 21 21.2 -1.6
WNT	baz=12 Mingjian baz=339	1.17 332 iP	Pn	20 21 23.4 +1.0
WNT	baz=339	eS	Sn	20 21 39.6 +1.5
LXIB	baz=339 Xiulin Townshi baz=14	1.18 5 P	Pb	20 21 20.1 -2.5
LXIB	baz=14	eS	Sg	20 21 37.2 -1.5

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WTK	baz=14 Tuku baz=320	1.18 315 eP	Pn	20 21 22.8 +0.2
WSL	baz=320 Shulin Townsh baz=308	1.19 305 eP	Pn	20 21 23.6 +1.0
CHGB	baz=308 Renai baz=14	1.21 355 P	Pb	20 21 22.4 -1.0
WCS	baz=14 Beigang Elemen TWD	1.26 344 eP	Pb	20 21 23.9 0.0
TWD	baz=313 Chiawan	1.26 13 eP	Pg	20 21 23.1 -0.5
WSF	baz=313 Sshu	1.26 309 eP	Pg	20 21 24.0 -0.9
WSF	baz=313	eS	Sn	20 21 42.5 +2.2
WHF	baz=313 Hehuan Shan baz=20	1.29 359 eP	Pb	20 21 23.8 -0.7
WRL	baz=20 Guoierlin Hig baz=327	1.35 321 eP	Pb	20 21 25.4 -0.1
NACB	baz=327 Ninganchiao NACB	1.35 12 P	Pn	20 21 23.3 -1.6
NACB	baz=12 Ninganchiao	1.35 12 P	Pn	20 21 22.9 -2.0
TWT	baz=12 Tachien	1.41 356 eP	Pn	20 21 26.1 +0.3
TDCB	baz=12 Tehi	1.41 355 eP	Pn	20 21 25.8 0.0
WHP	baz=20 Taichung City baz=6.0	1.46 347 P	Pg	20 21 28.4 -0.3
WHP	baz=6.0	eS	Sg	20 21 49.5 +1.8
WDGT	baz=6.0 Dungji	1.56 286 eP	Pn	20 21 27.5 -0.3
TWQ1	baz=286 Liyutan baz=351	1.57 342 eP	Pg	20 21 29.9 -0.9
TWQ1	baz=351	eS	Sg	20 21 51.9 +0.7
NNSB	baz=351 Datong	1.58 3 eP	Pn	20 21 27.6 -0.5
EOSA	baz=3 EOS4	1.58 36 eP	Pn	20 21 27.2 -0.5
NNS	baz=36 Nan Shan baz=44	1.59 3 eP	Pb	20 21 29.4 -0.3
NSY	baz=44 Sanyi baz=351	1.64 343 eP	Pg	20 21 31.2 -0.9
NSY	baz=351	eS	Sg	20 21 54.1 +0.7
EWUT	baz=351 Wuta	1.65 16 eP	Pn	20 21 29.2 +0.2
LATG	baz=12 Datong	1.69 7 eP	Pn	20 21 29.0 -0.8
PHUB	baz=31 P'eung-hu baz=295	1.72 293 eP	Pb	20 21 29.5 -0.4
NMLH	baz=295 Miaoili	1.75 345 eP	Pb	20 21 32.4 0.0
PNG	baz=30 Penghu baz=297	1.75 295 eP	Pn	20 21 30.4 0.0
VCHM	baz=297 Qimei	1.75 282 eP	Pn	20 21 30.1 -0.3
NDT	baz=282 Datong Townshi	1.76 7 eP	Pn	20 21 30.8 +0.2
NFF	baz=7 Wufeng Townshi baz=9.0	1.79 355 eP	Pb	20 21 32.6 -0.5
NSTT	baz=9.0 Nanjuang	1.80 351 eP	Pb	20 21 33.2 0.0
ENTT	baz=11 Niudou	1.80 8 eP	Pn	20 21 30.8 -0.4
LIOB	baz=15 Emei	1.81 352 eP	Pb	20 21 32.8 -0.6
YHNB	baz=12 Yeheng	1.82 2 P	Pn	20 21 31.7 +0.3
YHNB	baz=26 Yeheng	1.82 2 eP	Pn	20 21 31.7 +0.3
NSK	baz=26 Sanguang	1.82 2 P	Pn	20 21 31.8 +0.3
TWE	baz=20 Neiteng baz=17	1.90 10 eP	Pb	20 21 35.0 +0.1
FUSB	baz=17 Fushanzhiwuyua baz=31	1.92 8 eP	Pn	20 21 32.3 -0.6
NWLT	baz=31 Wulai	1.93 6 eP	Pn	20 21 33.2 +0.3
YJNG	baz=29 Yonagunijimaku	2.20 43 P	Sn	20 21 37.1 +0.5
YOJ	baz=29 Yonaguni jima	2.25 44 S	Pn	20 22 05.6 +0.8
IRIF	baz=29 Iriomote-Funau	2.68 56 P	Pn	20 21 44.0 +0.8
JKRS	baz=56 Kuro-shima	2.85 60 S	Pn	20 21 46.2 +0.6
JIJ	baz=60 Ishigaki jima	3.02 59 P	Sn	20 21 47.7 -0.1
JIJ	baz=59	S	Sn	20 22 23.5 -0.3
JISG	baz=59 Ishigakijimahi	3.26 57 P	Pn	20 21 50.8 -0.4

*NEIC 08 20:28:54.5 ± 1.1, 19°41'N, 0°11'15"E; 265W ± 0'00.5, h3km, 3km, Error ellipse: s-maj=1.6km s-min=0.6km
baz=174.0*

HVO 08 20:28:53.8 ± 0.6, 19°39'N, 0°00'15"E; 264W ± 0'00.7, h1km, 5km, ML3.2/43, ML3.0/35(NEIC), Error ellipse: s-maj=1.3km s-min=0.7km az=148.0, Hawaiian Islands

Code	Station Name	Δ° AZ'	Op	Phase ID	Time Res	ISC
KKO	Keanakako'i	0.01 342	Pg		20 28 54.3 +0.1	Pg
BYL	Byron's Ledge	0.02 10	Pg		20 28 54.8 +0.5	Pg
SDHH	Sand Hill	0.03 266	Pg		20 28 55.9 +1.5	Pg
HATH	Halema'uma'u T	0.03 5	Pg		20 28 55.1 +0.7	Pg
UWE	Uwekahuna	0.04 317	Pg		20 28 55.6 +0.9	Pg
PUH	Puauhi	0.05 111	Pg		20 28 55.6 +0.8	Pg
PUH	comp=N, 16um, 0.4s		IAML		20 28 56.4	IAML
RSD	Rainshed	0.07 349	Pg		20 28 56.1 +0.8	Pg
RSD	comp=N, 8um, 0.5s		IAML		20 28 57.2	IAML
KNH	Kane Nui o Ham	0.09 98	Pg		20 28 56.4 +0.8	Pg
HLP	Hilina Pali	0.10 204	Pg		20 28 56.6 +0.8	Pg
HLP	comp=E, 7um, 0.6s		IAML		20 28 59.2	IAML
STCH	comp=N, 5um, 0.5s	0.13 93	Sg		20 28 59.6 +1.6	Sg
STCH	Steam Cracks	0.13 93	Pg		20 28 57.0 +0.7	Pg
STCH	Steam Cracks	0.13 93	IAML		20 29 00.1	IAML
STCH	comp=N, 14um, 0.5s	0.15 89	Pg		20 29 00.2	Pg
NPOC	North of Pu'u	0.15 89	Pg		20 28 58.3 +1.6	Pg
JCUZ	Jacuzzi	0.15 93	Pg		20 28 57.6 +0.8	Pg
MLH	Mauna Loa	0.15 312	Pg		20 28 57.8 +0.9	Pg
MLH	comp=E, 5um, 0.4s		IAML		20 29 01.7	IAML
MLH	comp=N, 4um, 0.4s		IAML		20 29 01.9	IAML
HTC	Hot Caves	0.20 220	Pg		20 28 58.6 +1.0	Pg
JOKA	Jonika Flow	0.25 80	Pg		20 28 58.9 +0.3	Pg
JOKA	comp=E, 5um, 0.7s		IAML		20 29 06.5	IAML
HMH	Humu'ula Sheep	0.29 315	Pg		20 29 00.5 +1.0	Pg
HMH	comp=E, 2um, 0.7s		IAML		20 29 06.5	IAML
HMH	comp=N, 2um, 0.6s		IAML		20 29 09.3	IAML
PAH	Paho	0.32 71	Pg		20 29 00.6 +0.7	Pg
MLOA	Mauna Loa Obse	0.33 296	Pg		20 29 01.0 +0.9	Pg
MLOA	comp=N, 3um, 0.6s		IAML		20 29 09.6	IAML
M						

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GR2C, EDW2, EDW3, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like W13A, SHPR, VTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WBO, WBO, WRA, etc.

IDC 08 21:00:02.211.0, 22:02N, 143.04E, h311km, 94km, mb3.0/7, mbtp3.7/7, Error ellipse: s-maj=146.4km, s-min=15.2km az=78.0

ISC 08 21:00:07.3.0, 22:0N, 02.1432E, h308, h300km, n7, 0.35/37, mb3.16, Volcano Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC

KRSR Kora Array 20.23 323 P 21 04 14.2 +0.3

WRA Warramunga Arr 42.59 192 P 21 07 28.5 +0.4

ASAR Alice Springs 46.30 192 P 21 07 56.9 -0.3

ZALV Zalesovo Beam 51.93 302 P 21 08 53.5 -0.3

MKAR Makanchi Array 54.45 312 P 21 08 57.4 -0.3

BVAR Borovoye Array 62.40 319 P 21 09 52.2 +0.1

FINES FINES Array B 82.87 334 P 21 11 51.8 +0.1

IDC 08 21:28:33.3.0, 2.71S, 119.08E, h0km, mb4.1/10, mbtp4.1/11, ML3.9/1, MS3.5/25, Error ellipse: s-maj=57.9km s-min=12.7km az=66.0

NEIC 08 21:28:34.8.1, 2.271S, 119.05E, h7km, 5km, mb4.4/18, Error ellipse: s-maj=8.4km s-min=5.1km az=211.0

DJA 08 21:28:35.3.1, 3.3S, 111.9E, h16km, 11km, M4.6/13, mb4.5/7, mb4.3/3, ML4.5/13, MW14.2/3

ISC 08 21:28:35.0.5, 2.77S, 0.05E, 119.10E, h10km, n67, 1.125/56, mb4.4/23, MS3.5/22, Sulawesi

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC

KAPI Kappang 2.32 164 P 21 29 13.9 +0.6

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

KAPI Kappang 2.32 164 P 21 29 14.1 +0.8

NEIC 08 21:35:35.8.1, 2.19401N, 0.010E, 155.27W, 0.01, h5km, 2km, Error ellipse: s-maj=3.0km s-min=1.9km az=91.0

HVO 08 21:35:35.3.0, 6.19401N, 0.009E, 155.259W, 0.009, h1km, 3km, ML2.6/21, ML2.1/30(NEIC), Error ellipse: s-maj=1.6km s-min=0.8km az=140.0, Hawaiian Islands

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC

KKO Keanakao'i 0.01 246 P 21 35 35.9 +0.2

BYL Byron's Ledge 0.01 355 P 21 35 36.0 +0.3

RIM Rim 0.01 249 P 21 35 36.6 +0.6

HATHI Halema'uma'u T 0.02 355 P 21 35 36.8 +0.9

HATHI Halema'uma'u T 0.02 355 P 21 35 37.2 +1.0

SBLH Steaming Bluff 0.03 342 P 21 35 36.5 +0.7

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Lobatse, Boshof, Wadi Sarin, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Vanda, Nanjing, Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Copaltepe, Nagarote, Punta indio, etc.

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Table with columns: APG, El Apazote, 6.02 308 P, Pn, 22 38 23.7 +1.9, etc. Lists various stations and their associated data.

Table with columns: SSSO, Shawnee State, 27.37 4 P, P, 22 42 19.6 -1.9, etc. Lists various stations and their associated data.

Table with columns: SHO, 90nm,0.3s, A, A, 22 59 01.9, etc. Lists various stations and their associated data.

NEIC 08 22:50:12.2-0.7, 19:401N:0:010:155:251W:0:009, h18km, Error ellipse: s-maj=1.4km s-min=1.1km

HVO 08 22:50:12.1-1.1, 19:381N:0:005:155:259W:0:007, h1km,3km,ML2.7/24,ML1.8/25(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=69.0, Hawaiian Islands

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

ASIES 08 23:14:33.0, 23:21N:121:38E, h18km, ML3.6, Mw3.4, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm;

TAP 08 23:14:33.0, 23:21N:121:38E, h18km, ML3.6, 3C-11D, B, Taiwan

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical parameters. Includes stations like Longtian, Guangfu, Beinan, Pinlang, Taitung, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical parameters. Includes stations like Jiouru, Beigang Elemen, Shoushan, Tainan City, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical parameters. Includes stations like Ghasr-e-Shirin, Mahabad, Gilan-e-Gharb, etc.

AEIC 08 23:46:17.9;1.1,52.2N;0.1x172.17W;0.07,h63km,9km, Error ellipse: s-maj=17.0km s-min=5.6km az=169.0 NEIC 08 23:46:18.2;1.1,52.1N;0.1x172.17W;0.08,h73km,18km, ML3.5/6,ML3.1(AEIC), Error ellipse: s-maj=19.2km s-min=5.8km az=165.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical parameters. Includes stations like Korovin South, Korovin Flat P, Atka Island, etc.

IDC 08 23:53:33.6;1.2,54.02N;163.43W,h0km,mb3.9/16, mbmp3.8/5, Error ellipse: s-maj=165.6km s-min=19.6km az=69.0, North of Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical parameters. Includes stations like Isanotski North, West Dahl East, Shishaldin Nor, etc.

Table with columns: ID, Name, Az, El, Dist, AzErr, ElErr, DistErr, AzRate, ElRate, DistRate, AzAcc, ElAcc, DistAcc, AzRateErr, ElRateErr, DistRateErr, AzAccErr, ElAccErr, DistAccErr. Includes entries like S14K Fog Glacier, VNFG Fog Glacier, VNHG Veniaminof I, CHGN Chignik, etc.

Table with columns: ID, Name, Az, El, Dist, AzErr, ElErr, DistErr, AzRate, ElRate, DistRate, AzAcc, ElAcc, DistAcc, AzRateErr, ElRateErr, DistRateErr, AzAccErr, ElAccErr, DistAccErr. Includes entries like GLI Glacier Island, H17K Granite Mounta, SCM Sheep Creek Mo, etc.

Table with columns: ID, Name, Az, El, Dist, AzErr, ElErr, DistErr, AzRate, ElRate, DistRate, AzAcc, ElAcc, DistAcc, AzRateErr, ElRateErr, DistRateErr, AzAccErr, ElAccErr, DistAccErr. Includes entries like D24K Happy Valley, C23K Itkillik River, C23K Itkillik River, B22K Teshepuk Lake, etc.

IDC 08 23:56:44.9, 1.1, 6:85N-73:09W, h163km, 12km, mbmp3.9/2, Error ellipse = s-maj=64.7km s-min=7.8km az=132.0
RSNC 08 23:56:47.3, 0.0, 7.1N: 1 x 7.3W: , h141km, 2km, M3.4, mb3.9, mb5.3, ML3.1, Mw(MB)4.7
ISC 08 23:56:44.0, 1.1, 6:85N/0:03:73:11W:0:04, h158km, 7km, n44, c19:89:83, Northern Colombia

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BARC Barichara, PAMC Pamplona, RUSC La Rusia, etc.

NOU 08 23:59:24.3, 14:67S; 167.25E, h89km, mb4.8/35, Vanuatu Islands

IDC 08 23:59:24.3, 2.4, 14:85S; 167.19E, h90km, mb4.1/13, mbmtmp4.4/14, MS3.4/8, Error ellipse: s-maj=21.9km

NEIC 08 23:59:27.2, 1.3, 14:92S; 08:167.2E; 0.1, h110km, Zkm, mb4.5/72, Error ellipse: s-maj=14.6km s-min=11.0km

ISC 08 23:59:28.3, 0.4, 14.98S; 0:05:167.31E; 0:07, h129km, n157, s170/158, mb4.5/51, SC, Vanuatu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like DVP Devils Point, LIFNC LIFOU, KOUNC Koumac, etc.

Main table with columns: URZ, WMGZ, MUGZ, MUZ, PWZ, PUKITTI, TWZ, YNG, CMSA, CNB, QNZ, GRZ, BFZ, INKA, FOZ, OXZ, STKA, LCRK, THT, WR0, WRA, WRA, WRA, RAR, OOD, ASO1, AS31, ASAR, ASAR, ASAR, BBOO, WAKE, WRKA, FORT, FORT, FITZ, MBWA, MORW, HATHI, PAUHI, JGF, JGF, JND, VMTA, VMTA, KSRS, PETK, QSPA, QSPA, HHC, HHC, HHC, PZH, PZH, PZH, O14K, O14K, M13K, M13K, M14K, M14K, O16K, KDAK, L14K, K13K, K13K, M16K, M16K, J14K, J14K, K15K, K15K, L16K, L16K, J16K, K17K, L18K, J17K, J17K, M20K, M20K, SONM, SONM, BILL, B11K, SUA, RCO1, RCO1, F15K, F15K, G16K, G16K, J19K, CAST, F17K, KTH, KTH, BPAW, RND, RND, DHY, DHY

Table with columns: VREDI, E18K, YBK, E18K, MLY, E19K, G21K, CCB, C18K, C18K, ILAR, ILAR, ILAR, POKR, POKR, F21K, D19K, D19K, J25K, J25K, G23K, NVAR, NVAR, F24K, F24K, TROLL, SNAK, SNAK, VNA3, VNA2, VNA1, TXAR, MKAR, ZALV, ARCES, FINES, NB2, NOA, NOA, CLL, EKA, KEST, ESDC, ESDC, TORD

IGQ 09 00:15:44.6; 0.0, 0.8S; 0:3:91:1W; 0.3, h1km, M4.7/13

IDC 09 00:15:45.3; 3.9, 0.71S; 90:73W, h0km, mb3.6/4, mbtmp3.7/5, ML3.5/1, MS3.3/6, Error ellipse: s-maj=23.5km s-min=25.3km

ISC 09 00:15:44.9; 0.8, 0.85S; 0:07:91:07W; 0.06, h10km, n27, s193/15, mb3.6/4, MS3.4/4, Galapagos Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like VCHI Volcan Chico, PVIH Puerto Villamil, CEAZ Cerra Azul, FER1 Fernandina, IZOE Galapagos, I20EC, PAYG, ALCE, ALCE, JTS, ATAH, ATAH, APG, SDV, LPAZ, LPAZ, TXAR, H03N2, H03N3, H03N3, MDP, NVAR, ILAR, RAO, H1S2, H1S1, H1S1, H01W1, H01W2, H01W3

IDC 09 00:16:30.2; 2.2, 8.17S; 118:37E, h0km, mb3.5/2, mbtmp3.5/3, ML3.7/1, Error ellipse: s-maj=79.9km

Table with columns: STTT, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: STTT, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: STTT, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

NEIC 09 00:58:48.1±0.8, 19°417N:0.008:155°284W:0.007, h1km, 2km, Error ellipse: s-maj=1.2km s-min=0.9km

NEIC 09 01:46:33.2±1.2, 19°38'N:0.01±155°267W:0.009, h5km, 1km, Error ellipse: s-maj=2.5km s-min=2.0km

NEIC 09 02:10:56.9±1.6, 5°6'S:0.1±154°40'E:0.1, h107km, 8km, mb4.0/10, Error ellipse: s-maj=23.2km s-min=16.1km

HVO 09 00:58:47.4±0.9, 19°416N:0.008:155°275W:0.006, h1km, 2km, ML3.0/40, ML2.9/44(NEIC), Error ellipse: s-maj=1.3km s-min=0.7km

HVO 09 01:46:33.0±1.2, 19°39'N:0.009:155°269W:0.006, h0km, 3km, ML2.8/14, ML2.7/37(NEIC), Error ellipse: s-maj=1.4km s-min=0.7km

NEIC 09 02:10:58.5±1.4, 5°57'S:0.1±154°40'E:0.1, h132km, 3km, mb3.6/9, mbmp4.1/10, MS3.3/1, Error ellipse: s-maj=27.6km s-min=20.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

NEIC 09 01:26:47.2±1.1, 9°13'S:0.09±155°4E:0.2, h10km, 1km, mb4.2/11, Error ellipse: s-maj=33.7km s-min=13.3km

NEIC 09 01:46:33.0±1.2, 19°39'N:0.009:155°269W:0.006, h0km, 3km, ML2.8/14, ML2.7/37(NEIC), Error ellipse: s-maj=1.4km s-min=0.7km

NEIC 09 02:18:51.0±1.1, 46°77'N:155°49'E, h0km, mb3.4/9, mbmp3.4/10, ML2.3/1, MS1.9/1, Error ellipse: s-maj=30.7km s-min=24.5km

NEIC 09 01:26:48.4±1.3, 9°42'S:154°98'E, h0km, mb3.8/7, mbmp3.8/7, MS3.4/21, Error ellipse: s-maj=47.8km s-min=23.5km

NEIC 09 01:26:53.0±0.9, 9°35'N:0.1±154°9E:0.2, h33km, n50, 1925/33, mb4.0/10, MS3.3/18, D'Entrecasteaux Islands region

NEIC 09 02:18:53.9±1.1, 46°9N:0.2±155°5E:0.2, h8km, n10, 1088/10, mb3.5/9, East of Kuril Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

NEIC 09 01:52:51.0±1.1, 19°38'N:0.008:155°281W:0.007, h4km, 1km, Error ellipse: s-maj=1.2km s-min=0.9km

HVO 09 01:52:50.9±0.8, 19°414N:0.008:155°278W:0.007, h1km, 3km, ML3.3/35, ML2.8/33(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km

NEIC 09 02:18:53.9±1.1, 46°9N:0.2±155°5E:0.2, h8km, n10, 1088/10, mb3.5/9, East of Kuril Islands region

BUJ 09:02:29:42.4.0.0, 5.97S, 150.64E, h41km, mb4.9/52, mB5.1/32, Ms4.8/45, Ms7.4/45
MOS 09:02:29:44.2.1.1, 5.94S, 150.39E, h51km, mb5.0/20, Error ellipse: s-maj=10.5km s-min=6.7km az=99.6
IDC 09:02:29:45.7.1.7, 5.85S, 150.29E, h54km, 13km, mb4.5/22, mbtmp4.8/23, MS4.4/47, Error ellipse: s-maj=20.7km s-min=9.4km az=98.0
NEIC 09:02:29:46.6.0.00S:150.55E, h50km, Moment Tensor Solution. Duration: 2x2 Moment tensor: Scale 1016Nm; Mn:6.86; Mw:9.20; Mm:2.33; Ms:3.71; Mb:1.44; Mr:-1.20; Fault plane solution: Mw:9.03000; N:16; NP1: 6x267.62000; 3.32.97000; 1.76.38000; NP2: 6x104.04000; 8.58.07000; 1.98.69000; Principal axes: T 7.8174, Plg75.0000, Azm39.0000; N 2.4153, Plg7.0000, Azm279.0000; P -10.2328, Plg13.0000, Azm188.0000; **NEIC** 09:02:29:46.6.0.00S:150.35E, h49km
NEIC 09:02:29:46.6.2.3, 6.01S:150.07E, h50km, 4km, mb5.1/74, Mw5.2/15, Error ellipse: s-maj=10.4km s-min=9.7km az=63.0
GCMT 09:02:29:47.6.0.1, 6.19S:0.01E:150.40E:0.01, h52km, Mw5.2/124, Moment Tensor Solution. s116,c200; s124,c219; Duration: 1x0 Moment tensor: Scale 1017 Nm; Mn:0.76; Mz:0.00; Mw:0.88; Mx:0.12; My:0.12; Mz:0.01; Mw:0.01; Mx:0.01; My:0.01; Best double couple: M0.956000-1017; NP1=86.00000; 860.00000; 1.95.00000; NP2=256.00000; 831.00000; 1.81.00000; Principal axes: T 0.8870, Plg75.0000; N 0.10000; N 0.1370, Plg4.0000; Azm264.0000; P -1.0240, Plg14.0000; Azm172.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 09:02:29:48.0.5.6, 5.3S:151.1E, h79km, 6km, Mw5.2/18, mb5.0/18, mB5.5/7, MLV5.4/2, Mw(mB)5.0/7, Mw(mwp)5.0/1, Mwps.3/1

ISC 09:02:29:45.6.0.3, 5.95S:0.04E:150.34E:0.04, h47km, 2km, h47km, p-P, n345, r160/349, mb5.0/81, MS4.5/62, 3C-16D, New Britain region

Code	Station Name	Lat	Lon	Phase ID	Time	Res
		°	°		h m s	ISC
BULU	Kimbe	0.41	356 P	Op	ISC	
H40PG	Keravat	2.34	45 P	Pn	02 29 56.9 +1.3	
		1.93	45 P	I	02 30 24.2 +2.7	
					02 42 40.0	
RABL	Rabaul	2.52	46 P	Pn	02 30 26.4 +2.3	
RABL	Rabaul	2.52	46 Pn	Pn	02 30 26.1 +2.0	
KAVG	Kavieng	3.38	8 P	Pn	02 30 39.7 +3.8	
PMG	Port Moresby	4.66	222 P	Sn	02 30 55.1 +1.6	
					02 31 48.2 +1.9	
PMG	Port Moresby	4.66	222 P	Pn	02 30 55.1 +1.6	
PMG	Manus Island	4.89	322 S	Sn	02 31 48.2 +1.9	
HNR	Honiara	10.13	111 Pn	Pn	02 30 57.7 +1.2	
HNR	Honiara	10.13	111 LR	LR	02 32 08.0 -0.5	
HNR	Honiara	10.13	111 P	Pn	02 32 08.0 -0.5	
JAY	Jayapura	10.20	289 P	Pn	02 32 17.1 +7.6	
COEN	Coen	10.63	221 Pn	Pn	02 32 15.7 +0.3	
GENI	Geniem	10.68	288 P	Pn	02 32 23.9 +7.9	
MTSU	Mount Surprise	13.46	205 P	Pn	02 32 57.4 +3.3	
TVIH	Townsville Har	13.67	194 P	Pn	02 33 00.5 +3.5	
CTAO	Charters Tower	14.60	195 Pn	Pn	02 33 12.9 +2.1	
CTAO	Charters Tower	14.60	195 Pn	Pn	02 33 08.4 -1.1	
CTAO	Charters Tower	14.60	195 P	Pn	02 33 08.4 -1.1	
RK1H	Rocherhampton Ha	17.34	180 P	Pn	02 33 46.0 +0.9	
KDU	Kakadu	18.85	248 P	Pn	02 34 03.2 +0.4	
EIDS	Eidsvold	19.32	178 P	Pn	02 34 08.9 +0.5	
EIDS	Eidsvold	19.32	178 Pn	Pn	02 34 07.9 -0.5	
					02 34 10.2	
KOUNC	Koumac, New Ca	19.84	138 P	Pn	02 34 14.9 +0.3	
KOUNC	Koumac, New Ca	19.84	138 P	P	02 34 13.5 +0.8	
					02 34 28.4	
MTN	Mannton Dam	20.14	249 P	Pn	02 34 17.5 -0.7	
MTN	Mannton Dam	20.14	249 P	P	02 34 16.5 +0.5	
MTN	Mannton Dam	20.14	249 P	IaMb	02 34 18.6	
GUMO	Guam	20.16	344 P	Pn	02 34 18.1 -0.2	
GUMO	Guam	20.16	344 P	P	02 34 15.4 -0.7	
					02 40 44.7	
GUMO	Guam	20.16	344 P	Pn	02 34 18.1 -0.2	
GUMO	Guam	20.16	344 P	Pn	02 34 18.1 -0.2	
DRS	Darwin Rock St	20.23	250 P	Pn	02 34 18.4 -0.9	
WB0	Warramunga Arr	20.71	227 P	P	02 34 22.8 +0.6	
WRAB	Tennant Creek	20.85	227 dIP	P	02 34 24.8 +1.1	
WRA	Warramunga Arr	20.86	227 P	P	02 34 24.8 +0.8	
WRA	Warramunga Arr	20.86	227 P	P	02 34 23.6 -0.2	
WRA	Warramunga Arr	20.86	227 P	S	02 38 11.2 -2.9	
WRA	Warramunga Arr	20.86	227 P	PcP	02 38 31.7 +0.7	
WRA	Warramunga Arr	20.86	227 P	ScP	02 42 03.2 -0.9	
WRA	Warramunga Arr	20.86	227 P	LR	02 43 13.9	
WRA	Warramunga Arr	20.86	227 P	PKIKP	02 46 17.1 -1.9	
WRA	Warramunga Arr	20.86	227 P	P	02 34 23.6 -0.2	
WRA	Warramunga Arr	20.86	227 P	P	02 34 23.6 -0.2	
QLP	Quilpie	21.33	195 P	P	02 34 30.3 +1.6	
NOUC	Port Laguerre	22.27	138 P	P	02 34 40.8 +2.0	
DZM	Mont Dzumac	22.34	137 P	P	02 34 40.8 +1.1	
DZM	Mont Dzumac	22.34	137 eP	P	02 34 40.1 +0.4	
DZM	Mont Dzumac	22.34	137 P	eS	02 38 42.7 +0.1	
DZM	Mont Dzumac	22.34	137 P	eLR	02 39 59.4	
DZM	Mont Dzumac	22.34	137 P	P	02 34 39.5 -0.2	
DZM	Mont Dzumac	22.34	137 P	IaMb	02 34 41.2	
ONTNC	Ouen Toro	22.51	138 P	P	02 34 40.7 -0.7	
YATNC	Mamie plateau,	22.56	137 P	P	02 34 44.5 +1.7	
OUENC	Ouen Island, N	22.85	137 P	P	02 34 44.5 -0.5	
OUENC	Ouen Island, N	22.85	137 P	IaMb	02 34 48.6	
INMKA	Innamaki	23.51	202 P	P	02 34 53.4 +1.9	
AS01	Alice Springs	23.64	220 P	P	02 34 54.3 +1.5	
AS31	Alice Springs	23.67	220 P	P	02 34 54.0 +0.9	
AS31	Alice Springs	23.67	220 P	IaMb	02 35 07.3	
ASAR	Alice Springs	23.67	220 P	P	02 34 54.3 +1.2	
ASAR	Alice Springs	23.67	220 P	P	02 34 54.9 -0.2	
ASAR	Alice Springs	23.67	220 P	PcP	02 38 36.8 +0.1	
ASAR	Alice Springs	23.67	220 P	ScP	02 39 03.4 -1.5	
ASAR	Alice Springs	23.67	220 P	ScP	02 42 10.7 -0.6	
ASAR	Alice Springs	23.67	220 P	LR	02 44 09.1	
ASAR	Alice Springs	23.67	220 P	P	02 34 52.9 -0.2	
ASAR	Armidale	24.37	177 P	P	02 35 01.1 +1.6	
ARMA	Armidale	24.37	177 P	P	02 34 59.3 -0.2	
ARMA	Armidale	24.37	177 P	IaMb	02 35 14.0	
OOD	Oodnadatta	25.80	211 P	P	02 35 13.9 +1.5	
CMSA	Colbar Meteorol	25.94	214 P	P	02 35 14.1 +1.5	
SOEI	Soe	26.10	260 P	P	02 35 15.7 +0.3	
SOEI	Soe	26.10	260 P	IaMb	02 35 41.0	
LCRK	Leigh Creek	26.91	204 P	P	02 35 23.2 +0.8	
FITZ	Fitzroy Crossi	26.96	241 P	P	02 35 23.9 +0.9	

FITZ	Fitzroy Crossi	26.96	241 P	P	02 35 23.1 +0.1	
STKA	Stephens Creek	27.06	197 P	P	02 35 24.1 +0.4	
STKA	Stephens Creek	27.06	197 P	P	02 35 23.4 -0.3	
STKA	Stephens Creek	27.06	197 P	P	02 35 23.4 -0.3	
					02 42 20.6 -0.2	
STKA	Stephens Creek	27.06	197 P	P	02 35 23.4 -0.3	
STKA	Stephens Creek	27.06	197 P	P	02 46 51.4	
STKA	Stephens Creek	27.06	197 P	P	02 35 23.4 -0.3	
DAV	Daavo City (W)	27.89	297 P	LR	02 46 52.6	
MMRI	Maumere	28.00	263 P	IaMb	02 35 31.9 -0.5	
MMRI	Maumere	28.00	263 P	IaMb	02 35 56.9	
YNG	Young	28.27	183 P	P	02 35 35.9 +1.4	
WRKA	Warakura	28.40	226 P	P	02 35 36.6 +0.8	
EDFI	Enfoe, Flores	28.55	263 P	P	02 35 36.3 -1.1	
MULG	Mulgathing	28.65	210 P	P	02 35 38.7 +0.8	
CAN	Canberra	29.25	182 P	IaMb	02 35 42.7 -0.6	
CAN	Canberra	29.25	182 P	IaMb	02 36 24.9	
CAN	Canberra	29.25	182 P	P	02 35 42.7 -0.6	
HTT	Hallett	29.33	200 P	P	02 35 45.1 +1.1	
NNSV	Nonsavu	29.49	116 P	P	02 35 45.4 -0.2	
MSVF	Monsavu	29.49	116 P	P	02 35 45.4 -0.2	
MSVF	Monsavu	29.49	116 P	P	02 35 45.4 -0.2	
BBOO	Buckleboo	29.85	205 P	P	02 35 50.0 +1.4	
BBOO	Buckleboo	29.85	205 P	IaMb	02 35 48.4 -0.2	
BBOO	Buckleboo	29.85	205 P	IaMb	02 36 00.4	
KAPI	Kappang	30.46	270 LR	LR	02 51 28.6	
FORT	Forest	32.37	218 P	P	02 36 12.0 +1.2	
FORT	Forest	32.37	218 P	P	02 36 11.0 +0.2	
PL71	Plampang	32.41	263 P	P	02 36 12.6 +1.2	
MBWA	Marble Bar	32.28	240 P	P	02 36 19.5 +0.6	
MBWA	Marble Bar	32.28	240 P	P	02 36 19.3 +0.4	
MBWA	Marble Bar	32.28	240 P	P	02 36 31.6 +0.2	
PSA00	Pilbara Seismi	33.34	239 P	P	02 36 20.0 +0.6	
PSA00	Pilbara Seismi	33.34	239 P	IaMb	02 36 19.8 +0.3	
PSA00	Pilbara Seismi	33.34	239 P	IaMb	02 36 32.1	
PSA00	Pilbara Seismi	33.34	239 P	P	02 36 19.7 +0.2	
PSA00	Pilbara Seismi	33.34	239 P	IaMb	02 36 32.8	
JCJ	Chichijima	33.79	347 LR	LR	02 49 36.8	
GLAD	Gladstone	34.35	183 P	P	02 36 34.4 +1.4	
TAGY	Tagaytay City	35.33	305 LR	LR	02 50 30.6	
CORO	Coronation Park	35.47	184 P	P	02 36 39.1 +1.6	
JAGI	Jajag, Banyuw	35.98	254 P	P	02 36 41.0 -1.3	
MEK	Meekatharra	36.16	147 P	P	02 36 45.1 +1.5	
KMB	Kambalda	36.74	223 P	P	02 36 49.6 +1.0	
TAU	Tasmania Unive	36.90	184 P	P	02 36 49.7 -0.1	
TAU	Tasmania Unive	36.90	184 P	P	02 36 49.7 -0.1	
RAO	Raoul Island	37.88	132 LR	LR	02 50 04.1	
KUZ	Kuaotunu	38.45	146 P	P	02 37	

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Wolf Creek Mou, Tukpahleark C, Nakatsue, Meade River, etc.

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hagfors, Schefferville, Malin Array, etc.

Table with columns: Code, Station Name, Az, El, P, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Zakatala, Vashlovani, Sheki, etc.

L18K	Granite Mounta	78.25	8	P	P	04 25 40.7 +0.4
M19K	Big River Lodg	78.27	9	I Amb	I Amb	04 25 49.6
M19K	Big River Lodg	78.27	9	P	P	04 25 40.5 0.0
W18A	Petrified Fore	78.28	49	P	P	04 25 40.6 -0.8
RC01	Rabbit Creek A	78.30	11	P	P	04 25 40.6 -0.1
BMO	Blue Mountains	78.41	37	I Amb	I Amb	04 25 53.5
KAIM	Kayak Island	78.41	14	P	P	04 25 41.0 -0.2
M20K	Styx River	78.45	10	P	P	04 25 41.0 -0.6
SUA	Susitna One	78.47	11	I Amb	I Amb	04 25 44.1
SUA	Susitna One	78.47	11	P	P	04 25 41.5 -0.1
L19K	White Mountain	78.47	9	P	P	04 25 42.0 +0.4
K17K	Iditarod	78.53	7	P	P	04 25 42.3 +0.5
121A	Cookes Peak, D	78.55	52	P	P	04 25 42.8 -0.1
V35K	Ketchikan	78.55	23	P	P	04 25 42.4 +0.3
SIT	Sitka	78.59	20	P	P	04 25 42.9 +0.6
U33K	Whale Pass	78.61	22	P	P	04 25 43.1 +0.7
DUG	Dugway, Tooele	78.65	43	P	P	04 25 43.7 +0.5
DUG	Dugway, Tooele	78.65	43	P	P	04 25 43.2 -0.1
DUG	Dugway, Tooele	78.65	43	P	P	04 25 43.7 +0.5
EYAK	Cordova Ski Ar	78.65	13	P	P	04 25 42.7 +0.2
GLI	Glacier Island	78.65	13	P	P	04 25 42.7 +0.1
GAMB	Gambell	78.71	1	P	P	04 25 42.3 -0.5
SKT	Skwentna	78.81	10	I Amb	I Amb	04 25 53.5
SKT	Skwentna	78.81	10	P	P	04 25 43.3 -0.1
ZAIG	Zacatecas	78.83	63	P	P	04 25 45.1 +0.4
J16K	Anvik River	78.84	6	P	P	04 25 43.7 +0.2
KNK	Knik Glacier	78.86	12	P	P	04 25 42.9 -0.8
BGU	Big Grassy Mou	78.88	42	P	P	04 25 44.2 -0.3
PMR	Palmer	78.89	12	P	P	04 25 43.7 -0.1
MDJ	Mudanjiang	78.90	322	P	P	04 25 46.5 +2.2
MDJ				pP	pP	04 25 50.0 +1.0
MDJ				sS	sS	04 35 51.7 +2.1
MDJ				pmax	pmax	
MDJ				pmax	pmax	
L20K	Farewell, AK	78.90	9	P	P	04 25 43.4 -0.5
S31K	Pelican	79.02	19	P	P	04 25 44.3 -0.3
J17K	VABM Dome	79.10	6	P	P	04 25 44.8 -0.1
WRAK	Wrangell Islan	79.12	22	P	P	04 25 45.4 +0.3
MESA	MESA	79.24	15	P	P	04 25 45.6 -0.5
SML	Sawmill	79.24	12	P	P	04 25 45.2 -0.6
BMRM	Bremner River	79.28	14	P	P	04 25 45.9 -0.2
B08A	Colville Reser	79.35	33	P	P	04 25 45.9 -0.8
HLID	Hailey	79.41	39	P	P	04 25 47.0 -0.4
I17K	Unalakleet	79.42	6	P	P	04 25 46.6 0.0
J18K	Innoko River	79.45	8	I Amb	I Amb	04 25 58.1
J18K	Innoko River	79.45	8	P	P	04 25 46.8 0.0
KLU	Klutina	79.46	13	P	P	04 25 46.9 -0.1
SCM	Sheep Creek Mo	79.47	12	I Amb	I Amb	04 25 58.1
SCM	Sheep Creek Mo	79.47	12	P	P	04 25 46.8 -0.3
PNL	Peninsula	79.49	17	P	P	04 25 46.5 -0.7
PPLA	Purkeypile	79.56	10	P	P	04 25 46.6 -1.1
K20K	Telida	79.70	9	P	P	04 25 47.9 -0.4
ANM	Nome	79.73	3	P	P	04 25 48.5 +0.2
R32K	Eaglecrest	79.82	20	P	P	04 25 49.2 +0.2
N25K	Chitina, Valde	79.85	13	P	P	04 25 48.8 -0.4
N25K	Chitina, Valde	79.85	13	P	P	04 25 49.5 +0.3
Y22D	IRIS PASSCAL I	79.88	51	P	P	04 25 49.3 -0.8
GLB	Gilahina Butte	79.89	14	I Amb	I Amb	04 26 00.5
P29M	Windy Craggy	79.93	17	P	P	04 25 49.1 -0.5
M24K	Tolsona, Glenn	79.95	13	P	P	04 25 49.4 -0.3
MA2	Magadan	79.98	342	LR	LR	05 00 42.4
MCARA	McCarthy VSAT	80.02	14	P	P	04 25 49.7 -0.4
H16K	Elim	80.02	5	P	P	04 25 49.7 -0.3
MTNX	Cornudas Mount	80.03	53	P	P	04 25 49.7 -1.1
WAT6	Susitna Watana	80.06	12	P	P	04 25 49.3 -1.1
CAST	Castle Rocks	80.06	10	P	P	04 25 49.6 -0.6
CTG	Chitna Glacier	80.07	15	P	P	04 25 49.9 -0.5
NJ2	Nanjing	80.09	307	eP	P	04 25 51.1 +0.1
NJ2				pmax	pmax	
NJ2				pmax	pmax	
J19K	Poorman	80.10	8	P	P	04 25 50.3 0.0
WAT1	Susitna Watana	80.13	11	P	P	04 25 50.1 -0.5
MVC0	Mesa Verde	80.14	47	P	P	04 25 51.5 -0.1
BSUT	Blindstream Ca	80.17	43	P	P	04 25 52.2 +0.4
PLBC	Pleasant Camp	80.19	18	P	P	04 25 51.9 +0.9
O28M	Mount Upton	80.20	16	P	P	04 25 51.7 +0.3
G15K	Niukluk	80.24	4	P	P	04 25 51.8 +0.7
O29M	Mount Kennedy	80.25	17	P	P	04 25 51.5 0.0
T35M	Bob Quinn	80.30	22	P	P	04 25 53.1 +1.4
KLR	Kul'dur	80.37	327	LR	LR	04 56 45.8
KLR	Kul'dur	80.37	327	eP	P	04 25 51.6 -0.6
KLR				pmax	pmax	
KTH	Kantishna Hill	80.38	10	I Amb	I Amb	04 26 03.0
TXAR	Lajitas Array	80.43	56	P	P	04 25 53.5 +0.5
TXAR				LR	LR	04 55 47.2
HARP	HARP	80.43	13	P	P	04 25 52.5 +0.3
J20K	Novinta River	80.47	8	I Amb	I Amb	04 26 03.9
J20K	Novinta River	80.47	8	P	P	04 25 52.9 +0.5

NEW	Newport	80.48	34	P	P	04 25 52.6 -0.3
NEW	Newport	80.48	34	LR	LR	04 57 56.5
SKAG	Skagway	80.51	19	P	P	04 25 54.0 +1.4
H17K	Granite Mounta	80.52	6	P	P	04 25 53.4 +0.7
P30M	Million Dollar	80.56	18	P	P	04 25 53.8 +0.8
DHY	Denali Highway	80.58	12	I Amb	I Amb	04 26 02.9
DHY	Denali Highway	80.58	12	P	P	04 25 53.4 +0.2
F14K	Arctic Creek	80.58	3	P	P	04 25 53.3 +0.4
TNA	Tin City	80.60	2	P	P	04 25 52.9 -0.1
ANMO	Albuquerque	80.60	50	P	P	04 25 53.1 -0.9
ANMO	Albuquerque	80.60	50	P	P	04 25 54.5 +0.5
ANMO	Albuquerque	80.60	50	LR	LR	04 53 59.1
ANMO	Albuquerque	80.60	50	P	P	04 25 56.6 +2.6
RND	Reindeer	80.61	11	I Amb	I Amb	04 26 04.3
S34M	Telegraph Cree	80.69	21	P	P	04 25 54.9 +1.2
YUK8	Steele Glacier	80.75	16	P	P	04 25 54.9 +0.7
G16K	Koyuk River	80.76	5	P	P	04 25 54.5 +0.6
BNX	BinXian	80.81	322	pP	pP	04 25 54.7 +0.1
BNX				sP	sP	04 26 00.8 -0.4
BNX				S	S	04 36 05.5 +3.4
BNX				sS	sS	04 36 08.2 +0.3
BNX				pmax	pmax	
BNX				pmax	pmax	
BNX				LR	LR	
BNX				LR	LR	
BNX				LR	LR	
YUK6	Outpost Moun	80.84	16	P	P	04 25 55.4 +0.7
ALPN	Alpine	80.86	55	P	P	04 25 53.3 -2.1
ALPN				I Amb	I Amb	04 26 01.6
PAX	Paxson	80.87	12	P	P	04 25 54.8 +0.1
BPAW	Bear Paw Mtn.	80.88	10	P	P	04 25 54.2 -0.4
H18K	Hornhosa River	80.89	6	P	P	04 25 54.5 -0.1
MCK	McKinley	80.89	11	P	P	04 25 54.5 -0.2
F15K	North Star Dit	80.91	4	P	P	04 25 54.8 +0.1
M26K	Nabesna, AK	80.91	14	I Amb	I Amb	04 26 04.2
M26K	Nabesna, AK	80.91	14	P	P	04 25 55.2 +0.4
CN2	Changchun	80.97	320	eP	eP	04 25 56.4 +0.9
CN2				sP	sP	04 26 03.0 +1.1
CN2				S	S	04 36 03.1 -0.8
CN2				pmax	pmax	
CN2				pmax	pmax	
CN2				LR	LR	
CN2				LR	LR	
CN2				LR	LR	
HYT	Haines Juncto	80.98	17	P	P	04 25 55.0 -0.3
YUK3	Moose Creek	80.99	15	P	P	04 25 55.5 0.0
G17K	Kiwalik Moun	81.00	5	P	P	04 25 54.9 -0.3
I20K	Naaghedeneel	81.02	8	P	P	04 25 55.5 +0.2
AHD	Auburn Hatcher	81.06	41	P	P	04 25 57.0 +0.7
DL2	Dalian	81.08	314	P	P	04 25 56.5 +0.3
DL2				S	S	04 36 05.6 +0.4
DL2				pmax	pmax	
DL2				pmax	pmax	
YUK4	Falbot Arm	81.09	16	P	P	04 25 56.1 0.0
P32M	Atlin	81.11	19	P	P	04 25 55.8 -0.2
M27K	Edge Creek, AK	81.14	14	I Amb	I Amb	04 26 06.6
M27K	Edge Creek, AK	81.14	14	P	P	04 25 56.2 0.0
SNY	Shenyang	81.16	318	pP	pP	04 25 57.8 +1.2
SNY				S	S	04 36 09.6 +3.6
SNY				pmax	pmax	
SNY				pmax	pmax	
SNY				LR	LR	
SNY				LR	LR	
SNY				LR	LR	
SNY				LR	LR	
BWN	Browne	81.20	10	P	P	04 25 56.1 -0.2
MENT	Mentasta	81.22	13	P	P	04 25 56.3 -0.2
O30N	Mendenhall	81.34	17	I Amb	I Amb	04 26 06.9
O30N	Mendenhall	81.34	17	P	P	04 25 57.3 +0.1
L26K	Log Cabin Wild	81.38	13	I Amb	I Amb	04 26 08.2
L26K	Log Cabin Wild	81.38	13	P	P	04 25 57.6 +0.3
BVCY	Beaver Creek	81.43	15	P	P	04 25 57.8 +0.2
MSO	Missoula	81.46	37	P	P	04 25 58.2 0.0
MSO				I Amb	I Amb	04 26 08.3
MSO	Missoula	81.46	37	P	P	04 25 58.1 -0.1
DLBC	Dease Lake	81.47	21	P	P	04 25 57.5 -0.4
DLBC	Dease Lake	81.47	21	LR	LR	04 54 17.1
H19K	Roundabout Mou	81.47	7	P	P	04 25 57.7 +0.1
H19K				I Amb	I Amb	04 26 08.3
H19K	Roundabout Mou	81.47	7	P	P	04 25 57.7 +0.1
K24K	Donally Dome	81.56	12	P	P	04 25 58.5 +0.2
G18K	Tagagavik	81.58	6	P	P	04 25 58.1 -0.2
WHY	Whitehorse	81.60	18	P	P	04 25 58.5 -0.1
N30M	Aishikik Lake	81.61	17	P	P	04 25 58.1 -0.5
H20K	Antoleneega Mo	81.63	8	P	P	04 25 58.3 -0.2
NEA2	Nenana	81.66	10	P	P	04 25 58.5 -0.2
O20A	White River Ci	81.67	45	P	P	04 25 59.0 -0.6
I21K	Tanana	81.73	9	P	P	04 25 59.4 +0.3
L27K	Beaver Creek,	81.76	14	I Amb	I Amb	04 26 10.9
L27K	Beaver Creek,	81.76	14	P	P	04 25 59.4 +0.1
BCAR	Beaver Creek A	81.77	14	P	P	04 25 58.7 -0.7
MOOW	Moose Ponds	81.78	41	P	P	04 26 01.0 +0.9
MLY	Manley	81.79	9	I Amb	I Amb	04 26 07.8

MLY	Manley	81.79	9	P	P	04 25 59.2 -0.3
R33M	Jennings River	81.86	20	P	P	04 26 00.5 +0.4
HDA	Harding Lake	81.87	11	I Amb	I Amb	04 26 08.0
HDA	Harding Lake	81.87	11	P	P	04 26 00.2 +0.3
F17K	Baldwin Pennin	81.88	5	P	P	04 25 59.9 +0.2
P33M	Teslin, Yukon	81.89	19	P	P	04 26 00.1 0.0
CCB	Clear Creek Bu	81.93	11	I Amb	I Amb	04 26 08.1
MNHN	Monahans	81.94	55	I Amb	I Amb	04 26 07.8
G19K	Purcell Moun	81.99	7	P	P	04 26 00.4 0.0
N31M	Bratun, Yuko	82.00	17	P	P	04 26 00.5 -0.1
BW06	Boulder Array	82.05	42	P	P	04 26 01.4 -0.2
PDAR	Pinedale Array	82.05	42	P	P	04 26 01.1 -0.5
PDAR	Pinedale Array	82.05	42	P	P	04 26 01.8 +0.3
PDAR				LR	LR	04 56 53.1
M29M	Somme Creek	82.06	16	P	P	04 26 00.9 -0.1

9d 4h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like MAYO Mayo, Yukon, CMIG Matias Romero, C17K Delon Moutai, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like C23K Itkiliik River, OGN6 Ogallala, WMOK Wichita Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like SNA4, SNA4 Sanae, SNA4 Sanae, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like SUW, AKASG, AKKB, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like FETA, OBKA, MYKA, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like C23K, E25K, D25K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Herceg Novi, Bratogost, Griva, Dubrovnik, Laz#263i, Krupnik, Divibare, Zajecar, Ston, Kucevo, Igoumenitsa, Lastovo, Makarska, Hvar, Zrje, Morici, Dugi Otok, Novajla.

TIR 09 05:31:17.4, 42.46N, 20.32E, h47km, 1km, ML2.6
BEO 09 05:31:26.3, 0.4, 42.13N, 20.45E, h0km, ML2.0, 0.9
ISC 09 05:31:23.8, 1.2, 42.07N, 0.03, 20.42E, 0.03, h47km, 10km, n20, c150/35, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bajram Curri, Puka, PUK, TIR, BEY, DRME, KOME, SJES, BARS, PRVS, PLE, FLE, FNA, IVAS, BOSS, DBRK, GRUS, BBLs, STON, ZAGS, IGoumenitsa, CMAR, H08S3, H08S2, H08S1, MKAR, SONM, KRSR, KURBB, H01W3, H01W2, H01W1, ZALV, WRA, ASAR, H04N2, H04N1, H04N3, H04S1, H04S2, H04S3, H04S2, FINES, ARCES, SPITS, EKA, SNA, PDAR, TXAR.

IDC 09 05:43:15.6, 1.2, 6.82N, 92.82E, h0km, mb3.9/10, mbtmp3.9/11, ML4.4/1, MSZ.3/3, Error ellipse: s-maj=55.1km s-min=18.9km az=57.0
ISC 09 05:43:19.8, 1.1, 6.80N, 0.2, 92.9E, 0.2, h27km, n27, c082/13, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Diego Garcia H, Diego Garcia T, Diego Garcia T, Songino Array, Korea Array, Kurchatov Arr, Cape Leeuwin H, Cape Leeuwin T, Cape Leeuwin T, Zalesovo Beam, Warramunga Arr, Alice Springs, CROZET ISLANDS, MLOA, PAHOA, MWH, KHU, ALEP, POHA, POHA, POHA, CPH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Karatay Array, Ala-Archa, Chumysh, Tokmak 2, GEYT, Alibek, Malin Array B, FINES, ARCES, HFS, NB2, NOA, TORD, YKA, WRA.

IDC 09 06:15:22.1, 3.7, 35.99N, 71.22E, h72km, 29km, mb3.4/9, mbtmp3.8/14, Error ellipse: s-maj=30.6km s-min=21.7km az=175.0
NNC 09 06:15:33.0, 5.3, 36.96N, 71.10E, h203km, 100km, mb2.7, mpv3.8, Error ellipse: s-maj=52.3km s-min=34.4km az=26.0
ISC 09 06:15:26.4, 1.1, 36.4N, 0.1, 71.16E, 0.08, h100km, n21, c171/127, mb3.6/9, 2C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Karatay Array, Ala-Archa, Chumysh, Tokmak 2, GEYT, Alibek, Malin Array B, FINES, ARCES, HFS, NB2, NOA, TORD, YKA, WRA.

NEIC 09 06:18:08.3, 1.0, 19.400N, 0.008, 155.279W, 0.007, h6km, 1km, Error ellipse: s-maj=1.2km s-min=0.8km az=203.0
HVO 09 06:18:07.6, 0.9, 19.412N, 0.009, 155.269W, 0.008, h1km, 3km, ML2.8/44, ML2.8/36(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=173.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Byron's Ledge, HATHI, KKO, OBL, SBHL, UWB, RIM, UWE, SDHI, RSD, PUIH, PUIH, KNH, HLP, MLH, STCH, NPOC, JUJZ, HJCZ, HTC, JOKA, JOKA, HMH, HMH, MLOA, MLOA, MLOA, MLOA, PAHOA, MWH, KHU, ALEP, POHA, POHA, POHA, CPH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR, MKAR.

INMG 09 06:23:04.7, 1.7, 36.76N, 11.40W, h32km, 24km, ML2.0, Error ellipse: s-maj=16.9km s-min=5.6km az=69.0
IGIL 09 06:23:04.3, 36.78N, 11.41W, h30km, ML1.7
MDD 09 06:23:04.5, 1.3, 36.80N, 11.35W, h30km, Mb3.9/5, M, mb3.3/5, Error ellipse: s-maj=10.2km s-min=8.6km az=30.0
ISC 09 06:23:04.3, 5.3, 36.93N, 0.1, 11.33W, 0.2, h35km, n40, c180/70, 5C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vila Bisbo, Vila Bisbo, Marletele, Marletele, Sao Teotonio, Nicoulaou / Gran, Nicoulaou / Gran, Mafr, Mafr, Messejana, Messejana, Castro Verde, Castro Verde, Castro Verde, Alcocchete, Barranco-do-Ve, Barranco-do-Ve, Barranco-do-Ve, Vaqueiros, Vaqueiros, Beja, Beja, Evora, Evora, El Granado, El Granado, El Granado, El Granado, Montargil, So Bento, Estremoz, Barrancos, Casnilo, Conde, Badajoz, Badajoz, Marv???, Espera, Viseu, El Cabril, El Cabril, El Cabril, Lamas de Olo, Adamuz, Lobios, Gaveira, Arco, Granatula de C.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KHU Kahuku, ALEP Alea Permanent, POHA Pohakuloa, etc.

IDC 09 07:38:01.01-1.9, 46:96N:23:12W, h0km, mb4.0/11, mbmp3.9/13, ML4.5/2, MS3.1/11, Error ellipse: s-maj=45.1km s-min=27.8km az=87.0

INMG 09 07:38:09.2, 3.9, 46:86N:22:15W, h10km, ML3.8, Error ellipse: s-maj=32.2km s-min=11.3km az=147.0

SVSA 09 07:38:09.2, 46:86N:22:15W, h10km, Mb4.7(INMG), ISC 09 07:36:04.1-0.7, 46:70N:0:07:22.64W:0.08, h10km, n111, -2560/106, mb4.1/12, MS2.9/10, North Atlantic Ocean

Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PAGU Agualva, PSBA Serra de Santa, PSBA Serra do Cume, etc.

Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MFF, SJPF Ste Jean, ETSF Etsaut, LFF La Frestale, etc.

Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CROK, OK029 Liberty Lake, ADOK Arcadia Dam, etc.

NEIC 09 07:45:39.6, 0.8, 51:5N:0:2:179:38E:0:06, h81km, 10km, s-min=5.6km az=179.0, AEIC 09 07:45:39.6, 0.9, 51:5N:0:2:179:45E:0:05, h74km, 7km, Error ellipse: s-maj=23.0km s-min=4.1km az=184.0

IDC 09 07:45:40.5, 3.8, 51:5N:0:2:179:41E, h81km, 30km, mb3.1/7, mbmp3.4/8, Error ellipse: s-maj=61.1km s-min=17.5km az=179.0

ISC 09 07:45:39.3, 0.9, 51:6N:0:1:179:40E:0:04, h81km, 6km, n47, 0:69/49, mb3.6/8, Rat Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AMKA Amchitka, CESW Semis' Southwe, CERB Semis' Cerberu, etc.

TAU	Tasmania Unive	33.64 190	P	P	08 34 41.3	-0.3
TAU	Tasmania Unive	33.64 190	P	P	08 34 41.3	-0.3
TAU	comp=Z,131nm,1.3s					
HIZ	Hauiti	33.73 151	P	P	08 34 45.5	+3.1
URZ	Urewera	34.65 148	LR	LR	08 47 09.4	
KAPI	comp=Z,585nm,20.4s,baz=42,slow=33					
KAPI	Kappang	35.17 275	P	P	08 34 54.2	-1.0
KAPI	comp=Z,39nm,1.1s					
KAPI	Kappang	35.17 275	LR	LR	08 51 57.1	
KAPI	comp=Z,310nm,18.1s,baz=100,slow=41					
KAPI	Kappang	35.17 275	i	P	08 34 52.7	-2.5
PSA00	comp=Z,51nm,1.3s					
PSA00	Pilbara Seismi	35.63 247	P	P	08 34 58.8	-0.3
PSA00	Pilbara Seismi	35.63 247	P	P	08 34 58.2	-0.9
PSA00	Pilbara Seismi	35.63 247	P	P	08 34 57.5	-1.6
PSA00	comp=Z,61nm,1.6s					
MBWA	Marble Bar	35.64 247	P	P	08 35 00.9	+1.7
MBWA	Marble Bar	35.64 247	P	P	08 34 57.5	-1.7
MBWA	comp=Z,33nm,1.3s					
TOL2	Tolitoi	35.66 286	P	P	08 34 57.7	-1.7
RPZ	Rata Peaks	36.59 160	LR	LR	08 49 09.9	
MEEK	Meeekatharra	38.14 239	P	P	08 35 19.8	-0.7
JCJ	Chichijima	38.70 342	LR	LR	08 49 29.8	
JAGI	comp=Z,168nm,19.8s,baz=128,slow=33					
JAGI	Jajag, Banyuwa	40.24 268	P	P	08 35 37.5	-2.4
JAGI	comp=Z,80nm,1.3s					
JOW	Kunigami	44.66 325	LR	LR	08 52 18.2	
RAR	Rarotonga	44.97 110	LR	LR	08 54 30.6	
JHJ	Hachijo jima 2	45.05 342	LR	LR	08 53 12.5	
NACB	Ninganchiao	46.89 317	P	P	08 36 31.7	+0.1
NACB	Ninganchiao	46.89 317	P	P	08 36 31.1	-0.5
SSLB	Suanglung	47.07 316	P	P	08 36 35.5	+2.5
YHNB	Yeung	47.37 317	P	P	08 36 37.8	+2.4
JMN	Monobes	47.68 336	P	P	08 36 40.2	+2.6
INU	Inuyama	47.98 340	P	P	08 36 41.5	+1.6
INU	Inuyama	47.98 340	P	P	08 36 39.8	-0.1
JGF	Kuroka	48.10 341	P	P	08 36 42.6	+1.7
JNU	Nakatsue	48.44 333	LR	LR	08 56 38.6	
MJAR	comp=Z,59nm,18.5s,baz=145,slow=36					
MJAR	Matsushiro Arr	48.70 342	P	P	08 36 44.4	-1.0
MJAR	comp=Z,6.9nm,0.9s,baz=160,slow=6.9,SNR=11					
MAJO	Matsushiro	48.70 342	P	P	08 36 49.4	+4.0
MAJO	Matsushiro	48.70 342	P	P	08 36 45.0	-0.4
MAJO	comp=Z,38nm,1.4s					
MAJO	Matsushiro	48.70 342	i	P	08 36 44.5	-0.9
QIZ	Qiongzong	52.86 303	P	S	08 37 18.3	+1.2
QIZ	comp=Z,100nm,12.7s					
QIZ	comp=Z,240nm,14.5s					
KSR5	Korea Array	53.38 333	P	P	08 37 20.1	-0.5
KSR5	comp=Z,1.5nm,0.8s,baz=153,slow=9.4,SNR=7.0					
KSR5	comp=Z,90nm,20.5s,baz=150,slow=30					
KSR5	comp=Z,1.5nm,0.8s					
KSAR	Wonju Array Be	53.38 333	P	P	08 37 20.8	+0.2
KSAR	Wonju Array Be	53.38 333	P	P	08 37 20.8	+0.2
NJ2	Nanjing	54.03 322	eP	P	08 37 27.1	+1.6
NJ2	comp=Z,7.0nm,0.6s					
NJ2	comp=Z,290nm,3.8s					
PPT2	Papeete	54.34 105	eP	P	08 37 21.6	-6.5
PPT2	comp=Z,19nm,21.5s					
PPT2	comp=Z,288nm,26.0s					
PPT2	comp=Z,461nm,27.5s					
PPT2	comp=Z,557nm,32.0s					
PPT2	comp=Z,767nm,28.5s					
TBI	Tubuai	54.69 112	eS	S	08 45 14.6	+3.5
TBI	comp=Z,1.9nm,27.2s					
TBI	comp=Z,5.5nm,33.8s					
TBI	comp=Z,2.1nm,28.2s					
ASAJ	Asahikawa	54.81 349	LR	LR	08 59 14.2	
KIP	comp=Z,300nm,20.0s					
WHN	Kipapa	55.67 56	P	P	08 37 37.8	+0.2
WHN	Wuhan	55.91 317	i	P	08 37 44.9	+5.8
WHN	comp=Z,1.1nm,22.3s					
YSS	Yuzh-Sakhalins	57.53 350	P	P	08 37 52.8	+2.5
YSS	Yuzh-Sakhalins	57.53 350	P	P	08 37 50.9	+0.6
YSS	comp=Z,34nm,1.1s					
YSS	Yuzh-Sakhalins	57.53 350	eP	P	08 37 52.0	+1.7
YSS	comp=Z,20nm,0.9s					
YSS	comp=N,200nm,7.6s					
USRK	Ussuriysk Ar.	57.63 341	P	P	08 37 50.1	-0.9
TIA	Tai'an	57.96 324	P	P	08 37 52.6	-1.0
MDJ	Mudanjiang	58.81 339	P	P	08 38 02.2	+2.9
MDJ	comp=N,4.0nm,1.2s					
MDJ	comp=Z,300nm,19.5s					
MDJ	comp=Z,490nm,19.1s					
MDJ	comp=N,6.0nm,1.3s					
MDJ	comp=N,130nm,4.2s					
MDJ	comp=N,170nm,12.9s					
MDJ	comp=N,220nm,20.9s					
ENH	Enshi	59.09 314	P	P	08 38 02.5	+3.2
LYN	LuoYang	59.67 320	eP	P	08 38 04.0	-0.6
LYN	comp=N,14nm,1.2s					
LYN	comp=N,160nm,3.8s					
LYN	comp=N,340nm,18.9s					
LYN	comp=N,310nm,18.9s					
CN2	Changchun	59.69 336	eP	P	08 38 07.9	+2.5
UGL	Ulgorsk	59.71 350	eP	P	08 38 07.6	+2.2
UGL	comp=Z,50nm,0.5s					
HNS	HongShan	60.18 324	i	P	08 38 08.6	-0.3
HNS	comp=Z,210nm,2.0s					
HNS	comp=Z,19nm,1.5s					
HNS	comp=Z,280nm,17.5s					
HNS	comp=Z,230nm,15.9s					
HNS	comp=Z,200nm,20.7s					

SKR	Severo-Kuril's	60.24 1	eP	P	08 37 51.8	-1.7
SKR	comp=Z,100nm,9.5s					
SKR	comp=Z,72nm,1.1s					
SKR	comp=Z,400nm,19.0s					
BNX	BinXian	60.56 338	i	P	08 38 12.7	+1.3
BNX	comp=Z,8.0nm,1.7s					
BNX	comp=Z,77nm,5.7s					
BNX	comp=Z,110nm,11.8s					
BNX	comp=Z,170nm,24.5s					
PHRA	Phrae	60.83 298	eP	P	08 38 13.3	-0.4
TYV	Tymovskoe	61.34 351	eP	P	08 38 19.4	+2.8
TYV	comp=Z,100nm,3.0s					
TYV	comp=Z,10.0nm,1.2s					
TYV	comp=N,100nm,5.4s					
CRAI	Chiangrai	61.38 299	P	P	08 38 16.7	-0.8
CRAI	comp=Z,16nm,1.2s					
XAN	Xi'an	61.67 317	i	P	08 38 18.6	-0.7
XAN	comp=Z,12nm,1.2s					
XAN	comp=Z,300nm,20.6s					
XAN	comp=Z,280nm,19.9s					
XAN	comp=Z,580nm,22.0s					
CMAR	Chiang Mai Arr	61.94 297	P	P	08 38 20.4	-0.8
CMAR	Chiang Mai Arr	61.94 297	P	P	08 38 21.4	+0.2
CMAR	comp=Z,72nm,20.9s,baz=140,slow=35					
CMAR	comp=Z,3.7nm,0.8s					
CMAR	Chiang Mai Arr	61.94 297	i	P	08 38 21.5	+0.2
CMAR	comp=Z,12nm,1.2s					
CHTO	Chiang Mai	62.07 297	P	P	08 38 20.8	-1.4
CHTO	Chiang Mai	62.07 297	P	P	08 38 20.8	-1.4
CHTO	comp=Z,21nm,1.3s					
KLR	Kul'dur	62.20 343	LR	LR	09 05 02.2	
KLR	Kul'dur	62.20 343	LR	LR	08 38 22.2	-0.2
KLR	comp=Z,21nm,1.7s					
PEA0B	Petrovavlovsk	62.71 2	eP	P	08 38 26.2	+0.5
PETK	Petrovavlovsk	62.71 2	P	P	08 38 25.3	-0.4
PETK	Petrovavlovsk	62.71 2	P	P	08 38 25.1	-0.6
PETK	comp=Z,17nm,1.0s,baz=143,slow=3.3,SNR=8.5					
PETK	Petrovavlovsk	62.71 2	P	P	08 38 25.3	-0.4
PZH	Panzhihua	62.97 306	P	P	08 38 31.0	+2.8
PZH	comp=Z,10.0nm,0.8s					
PZH	comp=Z,100nm,4.5s					
CD2	Chengdu	63.58 312	eP	P	08 38 33.0	+1.0
CASY	Cashey	63.91 198	P	P	08 38 30.3	-0.3
CASY	comp=Z,43nm,2.0s					
XLT	XiLinHaoTe	64.01 330	eP	P	08 38 34.6	-0.1
XLT	comp=Z,16nm,1.1s					
XLT	comp=Z,74nm,3.9s					
XLT	comp=Z,340nm,20.0s					
XLT	comp=Z,200nm,25.9s					
HHC	Hu-ho-hao-te	64.31 325	eP	P	08 38 38.2	+1.5
HHC	comp=Z,54nm,3.6s					
HHC	comp=Z,81nm,17.1s					
HHC	comp=Z,140nm,14.7s					
HHC	comp=Z,210nm,19.2s					
SHEM	Shemys Is, Ala	64.42 13	LR	LR	09 02 14.6	
HEH	Heihe	64.43 341	eP	P	08 38 35.1	-2.1
HEH	comp=Z,3.0nm,0.6s					
HEH	comp=Z,100nm,4.3s					
BTO	Baotou	65.04 324	eP	P	08 38 41.3	-0.2
BTO	comp=Z,350nm,4.6s					
BTO	comp=Z,380nm,15.3s					
BTO	comp=Z,300nm,19.5s					
BTO	comp=Z,490nm,19.1s					
LZH	Lanzhou	66.26 317	eP	P	08 38 49.5	-0.1
LZH	comp=Z,22nm,1.0s					
LZH	comp=Z,260nm,14.6s					
LZH	comp=Z,220nm,14.9s					
LZH	comp=Z,280nm,17.0s					
ZEA	Zeya	67.51 343	eP	P	08 38 58.0	+1.1
ZEA	comp=Z,10.0nm,1.1s					
VNDA	Vanda	67.80 178	P	P	08 38 58.4	-0.1
VNDA	comp=Z,24nm,1.8s					
VNDA	comp=Z,3.1nm,1.1s,baz=336,slow=7.0,SNR=13					
VNDA	Vanda	67.80 178	P	P	08 38 58.4	-0.1
VNDA	comp=Z,24nm,1.8s					
SBA	Scott Base	68.31 177	P	P	08 39 02.2	+0.5
SBA	comp=Z,14nm,1.3s					
SBA	Scott Base	68.31 177				

O20K	Slope Mountain	81.11	24	P	P	08 40 16.1	-0.1
HOM	Homer	81.24	24	P	P	08 40 16.9	+0.1
G16K	Koyuk River	81.40	17	P	P	08 40 18.0	+0.0
M19K	Big River Lodg	81.57	22	P	P	08 40 18.9	+0.4
L19K	White Mountain	81.58	21	P	IAmb	08 40 18.6	0.0
L19K	White Mountain	81.58	21	P	P	08 40 19.0	+0.5
BRSE	Bradley Lake S	81.66	25	P	P	08 40 18.7	-0.3
J18K	Innok River	81.78	20	P	P	08 40 20.0	+0.4
H17K	Granite Mounta	81.78	18	P	P	08 40 20.1	+0.6
N20K	Mount Spurr	81.95	23	P	P	08 40 19.8	-0.8
G17K	Kwalk Mouta	81.97	17	P	P	08 40 20.4	-0.1
M20K	Styx River	82.02	22	P	P	08 40 20.5	-0.4
L20K	Farewell, AK	82.12	21	P	P	08 40 20.5	-0.9
SEW	Seward	82.40	25	P	P	08 40 22.3	-0.6
H18K	Honhosa River	82.41	18	P	P	08 40 22.8	0.0
F17K	Baldwin Pennin	82.48	16	P	P	08 40 22.7	-0.4
J19K	Poorman	82.50	20	P	P	08 40 23.1	-0.2
O22K	Cooper Landing	82.51	24	P	P	08 40 22.6	-0.8
GCSA	Galena City Sc	82.59	19	P	P	08 40 22.9	-0.8
K20K	Telida	82.62	21	P	P	08 40 24.0	0.0
SUA	Susitna One	82.67	23	P	P	08 40 23.9	-0.5
SKT	Skwentna	82.68	23	P	P	08 40 23.6	-0.7
E17K	Hotham Inlet	82.79	16	P	P	08 40 24.2	-0.6
C16K	Lisburne Hills	82.81	14	P	P	08 40 24.3	-0.5
G18K	Tagagawik	82.83	17	P	P	08 40 24.4	-0.6
RC01	Rabbit Creek A	82.85	24	P	P	08 40 23.9	-1.3
D17K	Noatak River	82.92	15	P	P	08 40 24.4	-1.0
PPLA	Purkeypile	83.00	22	P	P	08 40 25.7	-0.4
F18K	Selawik	83.04	17	P	P	08 40 26.0	0.0
M22K	Willow	83.09	23	P	P	08 40 25.6	-0.8
TIXI	Tiksi	83.10	352	P	P	08 40 27.5	+1.2
TIXI	Tiksi	83.10	352	P	P	08 40 26.7	+0.4
J20K	Nowinta River	83.11	20	P	P	08 40 26.6	+0.2
P23K	Montague Islan	83.19	25	P	P	08 40 26.8	-0.2
RDOG	Red Dog Mine	83.24	15	P	P	08 40 27.0	0.0
H19K	Roundabout Mou	83.25	18	P	P	08 40 26.8	-0.4
Q23K	Middleton Isia	83.24	26	P	P	08 40 27.2	-0.5
CAST	Castle Rocks	83.36	21	P	P	08 40 26.7	-1.0
E18K	Tukpahlearik C	83.37	16	P	P	08 40 27.1	-0.6
PMR	Palmer	83.38	24	P	P	08 40 27.4	-0.5
I20K	Naaghedeneel	83.40	19	P	P	08 40 27.3	-0.6
G19K	Purcell Mouta	83.47	18	P	P	08 40 28.7	+0.4
C17K	DeLong Mountai	83.48	14	P	P	08 40 27.7	-0.6
KNK	Knik Glacier	83.55	24	P	P	08 40 28.8	0.0
CHUM	Lake Minchumin	83.56	21	P	P	08 40 28.0	-0.8
H20K	Anotleneega Mo	83.72	19	P	P	08 40 29.8	+0.2
F19K	Shalerock Mo	83.74	17	P	P	08 40 29.3	-0.4
GLI	Glacier Island	83.80	25	P	P	08 40 30.2	+0.1
SML	Sawmill	83.82	24	P	P	08 40 30.3	+0.1
ZSN	Zaisan	84.02	320	eP	P	08 40 30.8	-0.8
ZSN	Zaisan	84.02	320	eP	P	08 40 30.8	-0.8
M23K	Glacier View	84.05	24	P	P	08 40 30.8	-0.6
C18K	Utukok River	84.11	15	P	P	08 40 30.7	-0.9
BPAW	Bear Paw Mtn.	84.16	21	P	P	08 40 31.0	-0.9
EYAK	Cordova Ski Ar	84.19	25	P	P	08 40 31.2	-0.9
SCM	Sheep Creek Mo	84.23	24	P	P	08 40 32.2	-0.2
WAT1	Susitna Watana	84.31	23	P	P	08 40 32.1	-0.6
E19K	Redstone River	84.32	17	P	P	08 40 31.9	-0.8
KAIM	Kayak Island	84.44	26	P	P	08 40 32.6	-0.7
I21K	Tanana	84.47	20	P	P	08 40 32.5	-0.9
WAT6	Susitna Watana	84.48	23	P	P	08 40 33.1	-0.6
B18K	Kokolik River	84.48	14	P	P	08 40 33.0	-0.4
F20K	Avaraart Lake	84.48	17	P	P	08 40 32.6	-0.9
H21K	Melozitna Rive	84.49	19	P	P	08 40 32.5	-1.1
KLU	Klutina	84.61	24	P	P	08 40 32.4	-1.9
MCK	McKinley	84.68	22	P	P	08 40 33.1	-1.5
D19K	Kuna River	84.80	16	P	P	08 40 33.7	-1.4
MLY	Manley	84.80	20	P	P	08 40 33.9	-1.3
G21K	Allakaket	84.81	18	P	P	08 40 33.2	-2.0
M24K	Tolsona, Glenn	84.84	24	P	P	08 40 33.1	-2.4
C19K	Lookout Ridge	84.84	15	P	P	08 40 33.0	-2.3
BMRM	Bremner River	84.88	25	P	P	08 40 32.8	-2.8
D2Y	Denali Highway	84.89	23	P	P	08 40 32.5	-3.3
H22K	Ishlitalna Cre	85.11	19	P	P	08 40 33.8	-3.1
NEA2	Nenana	85.12	21	P	P	08 40 33.5	-2.9
E20K	Nigu River	85.16	16	P	P	08 40 34.6	-2.4
N25K	Chitna, Valde	85.21	25	P	P	08 40 34.8	-2.5
F21K	Alatna River	85.27	18	P	P	08 40 34.6	-2.8
A19K	Wainwright	85.27	14	P	P	08 40 35.0	-2.3
I23K	Minto, Yukon-K	85.34	21	P	P	08 40 34.8	-3.0
HARP	HAARP	85.39	24	P	P	08 40 34.9	-3.2
MK31	Makanchi Array	85.44	319	P	IAmb	08 40 38.3	-0.5
MK31	Makanchi Array	85.44	319	P	IAmb	08 40 47.3	

MK31	Makanchi Array	85.44	319	eP	P	08 40 38.4	-0.4
MKAR	Makanchi Array	85.44	319	P	P	08 40 37.9	-0.9
MKAR	Makanchi Array	85.44	319	iP	P	08 40 38.5	-0.3
MKAR	Makanchi Array	85.44	319	P	P	08 40 38.5	-0.3
PAX	Paxson	85.57	23	P	P	08 40 35.8	-3.3
MESA	Mesa	85.64	27	P	P	08 40 36.7	-3.0
H23K	Yukon River	85.67	20	P	P	08 40 41.1	+1.6
H23K	Yukon River	85.67	20	P	P	08 40 36.9	-2.6
G22K	Bettles	85.69	19	P	P	08 40 36.9	-2.5
COLA	College	85.71	21	P	IAmb	08 40 38.8	-0.8
COLA	College	85.71	21	P	IAmb	08 40 48.1	
COLA	College	85.71	21	P	P	08 40 37.4	-2.2
COLA	College	85.71	21	iP	P	08 40 37.9	-1.7
MCARA	McCarthy VSAT	85.76	25	P	P	08 40 37.3	-2.7
H24K	Harding Lake	85.78	22	P	P	08 40 36.9	-3.1
F22K	John River	85.84	18	P	P	08 40 37.8	-2.5
K24K	Donnelly Dome	85.89	22	P	P	08 40 37.8	-2.8
E21K	Kiilik River	85.90	17	P	P	08 40 37.3	-3.3
POKR	Poker Plat Res	86.00	21	P	P	08 40 38.7	-2.4
IL31	Eielson Array	86.00	21	P	P	08 40 41.1	0.0
ILAR	Eielson Array	86.00	21	P	P	08 40 39.6	-1.5
G23K	Bananza Creek	86.03	19	P	P	08 40 38.6	-2.6
B20K	Meade River	86.08	15	P	P	08 40 39.1	-2.2
C21K	Knifeflake Rid	86.14	16	P	P	08 40 39.0	-2.7
SHLS	Shalkode	86.22	315	eP	P	08 40 40.8	-2.1
SHLS	Shalkode	86.22	315	eP	P	08 40 40.7	-2.1
M26K	Nabesna, AK	86.27	24	P	P	08 40 39.5	-3.0
CTG	Chitna Glacier	86.28	26	P	P	08 40 39.5	-3.2
COLD	Coldfoot	86.28	19	P	P	08 40 39.8	-2.6
E22K	Anaktuvuk Pass	86.33	18	P	P	08 40 39.9	-2.9
ZALV	Zalesovo Beam	86.44	326	P	P	08 40 42.1	-1.4
J25K	Salcha River	86.47	22	P	P	08 40 40.4	-3.1
B21K	Ikpikpuk River	86.49	16	P	P	08 40 41.3	-2.0
UZB	Uzynbulak	86.52	315	eP	P	08 40 43.8	-0.5
UZB	Uzynbulak	86.52	315	eP	P	08 40 43.8	-0.5
D22K	Aiyikay River	86.55	17	P	P	08 40 41.1	-2.6
PNL	Peninsula	86.55	28	P	P	08 40 41.4	-2.6
SCRK	Sand Creek	86.66	23	P	P	08 40 43.3	-1.2
O28M	Mount Upton	86.69	26	P	P	08 40 43.9	-1.1
M27K	Edg Creek, AK	86.70	25	P	P	08 40 43.7	-1.1
PRZK	Przheval'sk	86.77	314	P	P	08 40 46.4	+0.7
PRZ	Przheval'sk	86.77	314	P	P	08 40 46.4	+0.7
PRP	Porcupine Dome	86.89	21	P	P	08 40 45.1	-0.6
SATY	Saty	86.93	314	eP	P	08 40 45.7	-0.7
SATY	Saty	86.93	314	eP	P	08 40 45.6	-0.7
ZHN	Zhishiske	86.94	315	eP	P	08 40 45.7	-0.7
ZHN	Zhishiske	86.94	315	eP	P	08 40 45.7	-0.7
YUK3	Moose Creek	87.02	25	P	P	08 40 45.4	-1.1
L27K	Beaver Creek	87.06	24	P	P	08 40 44.6	-1.7
BCAR	Beaver Creek A	87.08	24	P	P	08 40 47.0	+0.6
J26L	Joseph Creek	87.08	22	P	P	08 40 44.8	-1.8
A21K	Barrow	87.11	14	P	P	08 40 45.8	-0.6
D23K	Nanushuk River	87.17	17	P	P	08 40 45.9	-0.9
F24K	Squaw Lake	87.18	19	P	P	08 40 44.9	-2.0
H25L	Birch Creek	87.18	20	P	P	08 40 44.7	-2.1
O29M	Mount Kennedy	87.20	27	P	P	08 40 45.5	-1.7
B22K	Teshkepuk Lake	87.27	15	P	P	08 40 45.8	-1.4
A22K	Sinclair Lake	87.30	15	P	P	08 40 46.1	-1.1
P29M	Windy Craggy	87.30	28	P	P	08 40 45.9	-1.7
TOLK	Toolik Lake Re	87.31	18	P	P	08 40 45.9	-1.5
E24K	Your Creek	87.31	18	P	P	08 40 45.5	-2.0
S31K	Pelican	87.34	30	P	P	08 40 46.4	-1.3
G25K	Bearman Lake	87.35	20	P	P	08 40 45.9	-1.7
K27K	Chicken	87.42	23	P	P	08 40 46.9	-1.1
SIT	Sitka	87.45	31	P	P	08 40 46.7	-1.6
TDK	Taldygorghan	87.47	316	eP	P	08 40 48.1	-0.7
TDK	Taldygorghan	87.47	316	eP	P	08 40 48.1	-0.7
YUKA	Talbot Arr	87.61	26	P	P	08 40 48.5	-0.8
I26K	Coal Creek Min	87.64	22	P	P	08 40 48.8	-0.3
C23K	Kiilik River	87.71	16	P	P	08 40 48.6	-0.8
KSH	Kashi	87.75	311	P	P	08 40 52.4	+2.0
D24K	Happy Valley	87.82	17	P	P	08 40 49.0	-0.9
P30M	Million Dollar	87.86	28	P	P	08 40 49.1	-1.2
PLBC	Pleasant Camp	87.87	28	P	P	08 40 50.4	+0.1
SEM	Sempalatinsk	87.88	322	eP	P	08 40 50.4	-0.5
SEM	Sempalatinsk	87.88	322	eP	P	08 40 50.3	-0.6
HYT	Haines Junctio	87.90	27	P	P	08 40 50.0	-0.6
MDOK	Medeo	87.91	314	eP	P	08 40 50.3	-0.8
MDOK	Medeo	87.91	314	eP	P	08 40 50.3	-0.8
F25K	Christian Rive	87.95	19	P	P	08 40 50.0	-0.6
S32K	Killinsnoo	87.98	31	P	P	08 40 50.7	-0.1
CRAK	Craig	88.01	33	P	P	08 40 49.3	-1.8
EGAK	Eagle	88.12	23	P	P	08 40 50.4	-1.0
M29M	Somme Creek	88.16	25	P	P	08 40 50.6	-1.2
C24K	Franklin Bluff	88.19	17	P	P	08 40 50.8	-0.8
BMAR	Burnt Mountain	88.21	20	P	P	08 40 52.5	+0.6

G26K	Porcupine Rive	88.23	20	P	P	08 40 51.0	-0.8
U33K	Whale Pass	88.24	32	P	P	08 40 51.1	-1.0
E25K	Arctic Village	88.25	19	P	P		

0.3nm,0.5s,baz=103,slow=8.9,SNR=2.4
KURBB comp=2.76nm,19.7s,baz=177,slow=38
0.3nm,0.5s
BVAR Borovoye Array 30.41 309 LR LR 10 20 23.3
MA2 Magadan 31.78 38 LR LR 10 20 24.8
comp=2.57nm,19.6s,baz=167,slow=38
Magadan 31.78 38 LR LR 10 20 24.8
comp=2.18nm,21.9s,baz=252,slow=37

IDC 09 10:05:10.1-2.8,54.79N-83.70E,h0km,mbtmp2.4/2,
ML2.2/2,Error ellipse: s-maj=22.5km s-min=13.1km
az=174.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 3.7nm,0.3s, KURBB Kurchatov Arra, KURBB baz=40,slow=13,SNR=1.9, MKAR Makanchi Array, MKAR 0.1nm,0.3s,baz=20,slow=26,SNR=5.6.

NEIC 09 10:15:20.6-0.8,19.364N,0.010:155.290W,0.008,
h3km,3km,ML3.1/40,Error ellipse: s-maj=1.5km
s-min=1.0km az=174.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BYL Byron's Ledge, UWE Uwekahuna, HATHI Halema'uma'u T, PUP Hiina Pali, HUH Humu'ula Sheep, MWH Moku'aweo, MLOA Mauna Loa Obse, KHU Kahuku, PAH Pahoa, POHA Pohakuloa, HUH Hualalai, HPAH Hawaii Prepara.

TEH 09 10:17:32.5,27.06N,55.99E,h6km,29km,ML3.4
DSN 09 10:17:32.4,1.4,27.29N,56.34E,h15km,ML3.3/8,Error
ellipse: s-maj=1.1km s-min=1.3km az=94.0

OMAN 09 10:17:37.4,0.9,26.98N,56.30E,h5km,3km,ML3.1/17,
Error ellipse: s-maj=9.1km s-min=4.9km az=138.0

ISC 09 10:17:35.0,1.2,27.11N,0.03:56.11E,0.05,h7km,10km,
n48,e1922/68,Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GENO Geno, SHME Shamsh, UMM Al-Quwin, KAHNOOJ Kahnooj, MASAFI Masafi, MSFEE Esma-Masafi, MDH Madha, JASK Jask - Hormozg, ASHO Ashiyah, ASUD Al Ashush, NGRK Negar Kerman, KRAM Kerman, SOHO SOHO, CHMN Cheshme madani, ALNE Al Ain, KHQB Koh Gabri, HQQB Hoqain, ARQ Araqi, ARQ SNR=6.7, BIDO Bidbid, CHBR Chabahar, SMDO Samad, IMEH Mehriz, BSH Bisya, JMDO Jabal Madar, WBK Wadi Bani Khal, WBK Wadi Bani Khal SNR=24, SRVN Saravan, IRAM Rameshah, JLN Jatan Bani Huh, MHTO MHTO.

MHTO MHTO S Sn 10 20 19.7 -1.8
ANAR Anarak S Pn 10 19 09.1 -0.8

NEIC 09 10:22:57.6:1.1,19.41N,0.01:155.285W,0.007,
h5km,1km,Error ellipse: s-maj=1.9km s-min=1.8km az=8.0

HVO 09 10:22:57.3-0.8,19.41N,0.01:155.279W,0.005,
h1km,2km,ML3.3/33,ML2.7/44(NEIC),Error ellipse:
s-maj=1.6km s-min=0.7km az=184.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OBL Observatory Le, UWE Uwekahuna B, SBLH Steaming Bluff, RIM Rim, HATHI Halema'uma'u T, KKO Keanakakoi, SDHH Sand Hill, RSD Rained, RSD comp=E,6um,0.4s, PUH Pauhi, KNHH Kane Nui o Ham, HLP Hiina Pali, MLH Mauna Loa, STCH Steam Cracks, NPOC North of Pu'u, JUJZ Jacuzzi, JOKA Jonika Flow, HMM Humu'ula Sheep, MLOA Mauna Loa Obse, MLOA comp=E,1um,0.6s, MWH Moku'aweo, KHU Kahuku, ALEP Alea Permanent, POHA Pohakuloa, POHA comp=E,853nm,0.9s, HUH Hualalai, CPH Captain Cook, HPAH Hawaii Prepara, HPAH comp=N,349nm,0.9s, HPAH comp=E,380nm,1.0s.

HEL 09 10:25:12.9-0.1,60.91N,29.43E,h0km,ML1.4,Explosion
IDC 09 10:25:13.8-3.6,60.68N,29.08E,h0km,mbtmp3.1/1,
ML2.7/1,Error ellipse: s-maj=34.6km s-min=15.5km
az=3.0

LVSN 09 10:25:23.8-2.8,57.74N,23.90E,h0km,67km,ML1.6
ISC 09 10:25:13.9-1.5,60.95N,0.05:29.20E,0.07,h0km,n16,
e13121, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RUF Ruokolahiti, VJF Virojoki, FINES FINESS Array S, FIA1 Joensuu, FIA0 FINESS Array S, FINES FINESS Array S, PVF Pernaja, KAF Kangasniemi, ARBE Arbavere, ARBE comp=Z,24nm,0.5s, ARBE comp=E,36nm,0.2s, JOF Joensuu, KEF Keuruu, MEF Metsahovi, RAF Rauma, ARCES ARCES Array B, I37NO I37NO, I37NO comp=E,0.1nm,0.3s,baz=164,slow=17,SNR=1.1, I37NO comp=Z,147,slow=323,SNR=1.5.

NEIC 09 10:29:23.9:1.6,40.71N,0.03:125.45W,0.05,h10km,1km,
Error ellipse: s-maj=6.3km s-min=4.9km az=24.0

NCEDC 09 10:29:24.7:1.8,40.69N,0.04:125.52W,0.05,h11km,6km,
ML3.4/23,ML3.2/78(NEIC),Error ellipse: s-maj=6.8km
s-min=5.5km az=216.0

IDC 09 10:29:27.5:2.8,40.82N,124.93W,h0km,mb2.7/2,
mbtmp3.0/4,ML3.5/2,Error ellipse: s-maj=32.9km
s-min=17.1km az=97.0

ISC 09 10:29:23.9-2.0,40.71N,0.05:125.40W,0.07,h5km,11km,
n106,e1920/113,Off coast of northern California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KCTM Capetown, KCTM Ferndale, KCTM Mount Pierce, JCC Jacoby Creek, JCC comp=E,742nm,0.5s, KSMN Slide Mountain, KRPM Rodgers.

KRPM Chalk Rock Sg Sg 10 20 01.1 +0.7
KCRM Horse Mountain 1.24 103 Pn Pn 10 29 47.5 -0.1
KHMM Horse Mountain 1.28 82 Pn Pn 10 29 47.8 -0.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KCRM Chalk Rock, KHMM Horse Mountain, KMRM Mail Ridge, KRMB Red Mountain, KOMM Orleans Mountain, KSCB Camp Six Road, KXBM Hayfork Bally, KIPM Iron Peak, KCPM Cahto Peak, KBO Bosley Butte, KBNM Bluenose Ridge, KGC Three Chop Ridge, LBPM Beugum Peak, LGPM Granite Peak, L02F Cave Junction, DCPM DeCamp, Calif, M02C Callahan, N02D Trinity Center, O02D Mt. Diablo Mer, LBKM Bonanza King, GWRM Wonder Ranch, GHHM Hull Mountain, YBH Yreka Blue Hor, YBH comp=E,94nm,0.5s, YBH comp=N,80nm,0.5s, YBH Yreka Blue Hor, YBH comp=N,1.6nm,0.3s,baz=253,slow=19,SNR=29, LAMM Antelope Mount, GVV Valley View, GGUM Guadalupe, K02D Willamette Mer, K02D comp=N,106nm,0.6s, LCSM College of the, GHLM Highland Sprin, GPHS Hopland Field, B04D Bonanza, M03C MCloud, L02M Tuscan Springs, GCK Clark Valley, LSHM Sage Hen Hill, GTSN Trough Springs, LMPM Military Pass, LHEM Herd Peak, HUMO Hull Mountain, HUMO comp=E,70nm,0.5s, HUMO comp=N,94nm,0.3s, J01E Myrtle Point, J01E comp=E,76nm,0.2s, J01E comp=N,64nm,0.5s, L04D Klamath Falls, L04D comp=E,104nm,0.6s, O03E Paynes Creek, OBD Obedon Butte, HATC Hat Creek Radi, HATC comp=E,46nm,0.8s, HATC comp=N,43nm,2.7s, LRDM Redding Park, OSUM Sutter Buttes, OGOM Van Goodin Ran, SUTB Sutter Butte, OBTM Bloomer Hill, ORV Oroville, M02M Marconi Confer, M02M comp=N,37nm,0.7s, M02M comp=E,49nm,0.8s, K04D Chiloquin, OR, K04D comp=N,34nm,0.3s, J04A comp=N,44nm,0.2s, J04A comp=N,34nm,0.3s, AFJM Forest Hills D, CMCN Mt. Colgate, SAC San Andreas, BUCK Buck Mountain, BUCK comp=E,40nm,3.8s, BUCK comp=N,30nm,2.0s, CM0B Morgan Territo, J05D Fort Rock, OR, COR Corvallis, COR comp=N,30nm,3.6s, JFP Foothills Park, H04D Lebanon, H04D comp=N,35nm,0.8s, H04D comp=E,31nm,3.4s, EMB Emerald Bay, EMB comp=N,18nm,0.9s, EMB comp=E,16nm,0.8s, PINE Pine Mountain, PINE comp=E,16nm,4.2s, PINE comp=N,14nm,4.3s, H04A Detroit Lake, JELB Ellicott, Sant, I05D Terrebonne, OR, I05D comp=E,17nm,3.7s, PAHR Pah Rah Range, CMB Columbia Colle, PNTR Pine Nut, PNTR comp=N,12nm,1.0s, PNTR comp=E,11nm,1.2s, YARO San Andreas Ge, YERR Yerington, YERR comp=E,11nm,0.4s, YERR comp=N,12nm,0.8s, HAST Hastings Reser, HOOD Mount Hood Mea, G05A Wamic, I07A Izeze, G06A Ambey, G06A Carlson Farm, MDPB Devils Postpil, KVN Kaiserville, NVAR Mina Array Bea, NVAR Mina Array Bea, comp=N,0.6nm,0.3s,baz=291,slow=14,SNR=17.

9d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E03A Lebam, P03A Lebam, etc.

PGC 09 10:46:34.2±0.1, 48.36N; 124.68W, h41km, ML2.7, ML2.4/26, 86km Wsw of Duncan, Bc Vancouver Island, Canada Region

NEIC 09 10:46:34.8±1.6, 48.39N; 0.02±0.124; 65W; 0.4, h33km, 7km, Error ellipse: s-maj=4.1km s-min=2.8km az=50.0

SEA 09 10:46:35.0±1.6, 48.42N; 0.02±0.124; 65W; 0.4, h36km, 3km, ML2.7/23, ML2.8/52(NEIC), Error ellipse: s-maj=4.5km s-min=3.0km az=50.0

ISC 09 10:46:34.6±1.0, 48.38N; 0.02±0.124; 67W; 0.02, h34km, 2km, n152, r069/180, Vancouver Island region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OCP Olym-Cheeka Pk, P03A Lebam, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPW Capitol Peak, CPW Capitol Peak, etc.

NEIC 09 10:53:43.1±1.9, 62.22S; 0.07±0.156; 7E; 0.2, h10km, 2km, mb4.5/22, Error ellipse: s-maj=2.1km s-min=3.6km az=123.0

IDC 09 10:53:44.0±0.8, 62.22S; 154.92E, h0km, mb4.2/8, mbmp4.2/8, MS3.9/26, Error ellipse: s-maj=53.5km s-min=17.4km az=74.0

GCMT 09 10:53:48.1±0.3, 62.29S; 0.01±154.90E; 0.04, h17km, 1km, MW5.0/91, Moment Tensor Solution. s1, c38; s91, c132; Duration: 0 Moment tensor: Scale 1019Nm; Mr=0.36t; 12; M2=2.64t; 11; M3=2.28t; 11; M4=0.46t; 26; M5=1.80t; 09; Mr=1.41t; 35; Best double couple: K3.403000; 1016 NP1.36±152.00000°, s84.00000°, -26.00000°. NP2: 62.244.00000°, 364.00000°, -1.73.00000°. Principal axes: T=3.4430, P1g14.0000°, Azm201.0000°, N=0.0780. Tool: P1g3.0000°, Azm320.0000°, P=3.3640, P1g22.0000°, Azm105.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 10:53:43.5±0.6, 62.17S; 0.07±156.1E; 0.1, h10km, n74, r0187/146, mb4.1/9, MS3.9/26, 4C, Balleny Islands region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCQ Macquarie Isla, Vnda Vnda, etc.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA comp=Z, 0.7nm, 0.6s, baz=145, slow=13, SNR=2.9, BBOO Bucleboco, etc.

RSNC 09 10:55:17.9±0.9, 9.2°N; 78W±1.1, h95km, 5km, M2.4, mb4.0, ML2.4, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAPC Capurgana, BCPB Isla Barro Col, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Zaragoza, Isla de Provid, Correjon, GII 09 11:02:01.8,0.3,33.53N,0.06:35.75E,0:01,h0km, confirmed, Jordan-Syria region.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Zfri, Paran, Parafat, Mt Berech, GII 09 11:02:48.1,0.3,31.185N,0.002:34.153E,0:002,h0km, confirmed, Dead Sea region.

HVO 09 11:16:34.9,1.2,19.418N,0:008:-155.266W,0:008, h-0km,4km,ML3.6/33,ML2.9/36(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=158.0

NEIC 09 11:16:35.4,1.5,19.386N,0:009:-155.269W,0:009, h5km,1km, Error ellipse: s-maj=2.4km s-min=1.3km az=154.0, Hawaiian Islands

Large table listing stations and their coordinates for the Hawaiian Islands region, including Rim, KKO, SDHH, BYL, HATHI, SBLH, UWE, RSD, KANH, HLP, STCH, NPOC, MLH, MLJ, JUJZ, HTC, JOKA, PAH, MLOA, MWH, KHU, ALEP, POHA, POHA, POHA, POHA, JOF, CPH, HPAH.

NEIC 09 11:20:33.4,1.1,19.405N,0:006:-155.275W,0:008, h5km,1km, Error ellipse: s-maj=1.8km s-min=1.3km az=354.0

HVO 09 11:20:32.9,0.9,19.407N,0:009:-155.266W,0:006, h0km,3km,ML3.3/31,ML2.9/32(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=183.0, Hawaiian Islands

Table listing stations and their coordinates for the Hawaiian Islands region, including Byron's Ledge, KKO, RIM, HATHI, OBL, SBLH, UWE, UWE, SDHH, PUH, PUH, RSD, RSD, KANH, HLP, STCH, MLH, NPOC, JUJZ, HTC, JOKA, JOKA, HMH, HMH, MLOA, MLOA.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLOA, MWH, KHU, KHU, ALEP, POHA, POHA, HUH, CPH, CPH.

HEL 09 11:28:32.4,0.3,67.61N,30:56E,h0km,ML2.0,Suspected explosion

KOLA 09 11:28:33.5,67.53N,30:49E,h0km,ML2.4, Error ellipse: s-maj=8.2km s-min=3.2km az=20.0, Kovdor City, Mines

ISC 09 11:28:34.7,1.8,67.56N,29:94E,h0km,mbmp3.2/3, ML2.1/3, Error ellipse: s-maj=25.4km s-min=8.3km az=80.0

ISC 09 11:28:32.0,0.6,67.58N,0:02:30.49E,0:02,h0km,n35, r195/53,Baltic States-Belarus-Northern Russia

Large table listing stations and their coordinates for the Baltic States-Belarus-Northern Russia region, including VRF, VRF, VRF, Apatity Array, Apatity, Raja-Jooseppi, Oulanka, Sodankyl, Sodankyl, Riekk, Ranua, Ranua, Teriberka, Kevo, Kevo, Kolar, Kolar, Vads, Vads, Vads, ARCES ARCESS Array S, ARCES ARCESS Array B, ARCES, HEF, HEF, HEF, TOF, TOF, TOF, OUL, LANU, KALU, KALU, RMT, ERTU, ERTU, OBF4, OBF4, OBF4, OUF, OUF, OUF, OBF8, OBF8, IS7NO, JOF, JOF, JOF, FAF, FAF, FAF, SPITS, SPITS, SPITS, IDC 09 11:32:40.5,2.2,6.82S:128.92E,h0km,mb3.5/1, mbtmp3.2/3,ML3.2/2,MS3.3/2, Error ellipse: s-maj=111.3km s-min=32.2km az=67.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BTK, BTK, CHGR, CHGR, DRK, DRK, DRK, OHH, OHH, TRKS, TRKS, SFK, SFK, ARK, ARK, ARS, ARS, IUG, IUG, IUG, MNAS, MNAS, MNAS, KK31, KK31, KK31, KKAR, KKAR, ARLS, ARLS, ARLS, MRKS, MRKS, MRKS, EKS2, EKS2, EKS2, UCH, UCH, UCH, UCH, AAK, AAK, AAK, AAK, AAK, AAK, AAK, FRU1, FRU1, FRU1, KBK, KBK, KBK, CHMS, CHMS, CHMS, CHMS, USP, USP, USP, USP, BOOM, BOOM, BOOM, TKM2, TKM2, TKM2, KDJ, KDJ, KDJ, TARG, TARG, TARG, GEYT, GEYT, MKAR, MKAR, AB31, AB31, AB31, BVAR, BVAR, BVAR, ZALV, ZALV, BRTR, BRTR, BRTR, FINES, FINES, FINES, FINES, HFS, HFS, HFS, ESDC, ESDC, ESDC, TORD, TORD, TORD.

9d 12h

Table with columns: RES, BATI, YKA, WRA, WEL, etc. containing station names, coordinates, and status.

WEL 09 11:41:16.2, 0.41 'S, 4.17 'E, h46km, 5km, M3.1/21, ML3.4/24, MLV3.1/21, Error ellipse: s-maj=0.0km s-min=0.0km az=176.2, confirmed

NOU 09 11:41:17.0, 41.47'S, h46km, MLV3.6/9, South Island, New Zealand

ISC 09 11:41:16.4, 1.3, 41.46'S, 0.03, 173.76'E, 0.03, h63km, 7km, n85, c1919/96, South Island

Main table for 9d 12h section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

NORS 09 11:51:00.7, 42.52N, 43.42E, h7km, MPV4.0
MOS 09 11:51:00.2, 42.51N, 43.34E, h9km, MPV3.9

ISK 09 11:51:00.4, 42.54N, 43.47E, h11km, ML2.7/6
ISC 09 11:51:00.6, 0.9, 42.52N, 0.03, 43.40E, 0.04, h8km, 6km, n20, c0666/39, Western Caucasus

Main table for NORS, MOS, ISK, ISC section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

2018 JUN

Table with columns: KIV, BATM, BACA, SENK, SENK, CHOM, etc. containing station names, coordinates, and status.

NOU 09 12:00:36.6, 14.35'S, 167.68E, h142km, mb4.0/10, Vanuatu Islands

NEIC 09 12:00:41.0, 2.0, 14.78'S, 0.2, 167.80E, 0.2, h102km, 5km, mb4.3/16, Error ellipse: s-maj=25.5km s-min=22.2km az=167.0

IDD 09 12:00:45.9, 6.0, 15.09'S, 167.45E, h124km, 45km, mb3.8/6, mbmp4.1/17, Error ellipse: s-maj=44.6km s-min=25.7km az=37.0

ISC 09 12:00:42.2, 1.3, 14.9S, 0.1, 167.5E, 0.1, h100km, n40, c1933/40, mb4.3/10, Vanuatu Islands

Main table for 2018 JUN section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

NEIC 09 12:07:27.4, 1.1, 20.0S, 0.2, 177.6W, 0.2, h53km, 12km, mb4.2/22, Error ellipse: s-maj=23.9km s-min=20.0km az=154.0

IDD 09 12:07:29.3, 2.5, 20.61'S, 177.48W, h561km, 27km, mb3.2/8, mbmp4.1/10, Error ellipse: s-maj=21.2km s-min=14.7km az=127.0

ISC 09 12:07:28.2, 0.6, 20.20S, 0.1, 177.64W, 0.09, h550km, n47, c1957/49, mb4.1/22, 2D, Fiji Islands region

Main table for NEIC, IDD, ISC section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

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Table with columns: MBWA, MBWA, QSPA, QSPA, GSPA, GSPA, MJAR, MJAR, KSRS, KSRS, L18K, GHO, GHO, DIV, DIV, LOGN, LOGN, TXAR, TXAR, CCB, ILAR, VNA3, VNA2, CMAR, BVAR, ARCES, AKASG, EKA, BRTR, CLL, MMAI, etc.

comp=Z, 6.5nm, 0.7s
comp=Z, 5.0nm, 0.8s
comp=Z, 4.3nm, 1.1s
comp=Z, 1.5nm, 0.7s, baz=227, slow=3.5, SNR=11
comp=Z, 1.3nm, 0.6s, baz=162, slow=6.7, SNR=5.8
comp=Z, 1.3nm, 0.6s
comp=Z, 0.7nm, 0.6s
comp=Z, 2.8, 6nm, 1.3s
comp=Z, 5.2nm, 1.2s
comp=Z, 7.1, 1nm, 1.2s
comp=Z, 0.3nm, 0.8s, baz=158, slow=7.6, SNR=2.6
comp=Z, 0.3nm, 0.8s
comp=Z, 0.4nm, 1.0s, baz=191, slow=8.8, SNR=2.1
comp=Z, 0.4nm, 1.0s
comp=Z, 1.5nm, 0.4s
comp=Z, 1.6nm, 0.6s, baz=185, slow=4.2
comp=Z, 0.7nm, 0.8s, baz=108, slow=5.8, SNR=1.6
comp=Z, 0.7nm, 0.8s
comp=Z, 0.7nm, 0.4s, baz=64, slow=6.6, SNR=4.2

comp=Z, 2.7nm, 0.4s, baz=17, slow=5.9, SNR=2.8
comp=Z, 1.1nm, 0.7s, baz=357, slow=6.3, SNR=5.5
comp=Z, 1.1nm, 0.5s, baz=42, slow=4.4, SNR=6.7
comp=Z, 0.3nm, 0.6s, baz=31, slow=4.0, SNR=7.4
comp=Z, 0.6nm, 0.4s, baz=127, slow=4.8, SNR=3.9
comp=Z, 4.0nm, 0.6s
comp=Z, 0.7nm, 0.4s, baz=64, slow=6.6, SNR=4.2

IDD 09 12:32:27.3, 1.2, 13.21N, 157.20E, h0km, mb3.9/13, mbmp3.9/13, MS3.4/36, Error ellipse: s-maj=32.5km s-min=20.8km az=36.0

NEIC 09 12:30:51.7, 1.3, 4N, 0.1, 56.9E, 0.2, h10km, 1km, mb4.3/29, Error ellipse: s-maj=25.6km s-min=18.7km az=90.0

ISC 09 12:32:29.1, 0.7, 13.3N, 0.1, 57.1E, 0.1, h10km, n76, c0592/42, mb4.1/24, MS3.4/35, 08, Fracture Zone region

Main table for 516 section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, LBTB Lobatse, ZCCA Zocca, TSUM Tsumeb, BOSA Bosho, FIA1 FINESS Array S, FINE1 FINESS Array B, SONM Songino Array, SUR Sutherland, NOA NORSAR Array B, MDT Midett, ESDC Sonseca Array, KEV Kevo, ARCES ARCES Array B, EKA Eskdalemuir Ar, KRSR Korea Array, SPITS Spitsbergen Ar, JMJC Jan Mayen, KLR Kul'dur, YAK Yakutsk, TIXI Tiksi, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, NWA0 Naurogin (SRO), ASAJ Asahikawa, MA2 Magadan, SEY Seymour, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, SNA4 Sanae, SHEM Shemya Is, Alia, NVAR Mina Array Bea.

ISK 09 12:47:01.9, 41.76N:23.75E, h12km, ML2.2/10
SOF 09 12:47:01.1, 41.78N:0.02:23.72E:0.02, h19km, 3km,

ATH 09 12:47:02.7, 41.77N:23.70E, h8km, 1km, ML2.1/8, Error ellipse: s-maj=2.6km s-min=1.3km az=159.0
BEO 09 12:47:04.7-0.6, 41.90N:23.73E, h8km, 3km, ML2.3/6
THE 09 12:47:05.2, 41.63N:23.72E, h20km, 2km, ML2.2/7, Error ellipse: s-maj=3.0km s-min=1.2km az=184.0
ISC 09 12:47:01.7-0.9, 41.79N:0.02:23.75E:0.02, h12km, 8km, n46, c073/76, 2C-2D, Greece-Uzbek border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMB Musomishta, NVR Nevrokopi, KKB Krupnik, SRS Serrai, PLNA Plana, RZN Rozhen, PGB Panagyurishte, PLD Plovdiv, VTS Vitosh, KAVA Kavala, SOH Sokhos, BOSS Bosilegrad, KZD Kurdzhal, HORT Hortiatis, THAS Thassos island, PLG Polygyros, PRVS Prvonek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OUR Ouranopolis, RDO Rodhopi, MPEP Malo Peshtene, BAIRS Barje, PARS Paliouri, SMTH Samothraki Isl, ALN Alexandroupoli, ALN Alexandroupoli, FNA Florina, ENEZ Enez, ZAGS Zajecar, ERIK Eriki-Kesan, IVAS Ivanjica, KKO Keanakako'i, RIM Rima, BYL Byron's Ledge, SDHH Sand Hill, PUH Pauahi, HATHI Halema'uma'u 4S, OBL Observatory Leif, SBLH Steaming Bluff, UWB Uwekahuna, UWE Uwekahuna, RSD Rainedsh, HLP Hilina Pali, STCH Steam Cracks, MLH Mauna Loa, MWH Mauka'awoe, KHU Kahuku, POHA Pohakuloa, HUH Hualalai, MHA Mahukona.

HVO 09 13:18:13.7:0.9, 19.396N:0.007:155.264W:0.008, h-0km, 3km, ML3.1/37, ML2.4/29(NEIC), Error ellipse: s-maj=1.1km s-min=1.0km az=72.0
NEIC 09 13:18:14.1:1.4, 19.388N:0.01:155.257W:0.005, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.8km az=107.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKO Keanakako'i, RIM Rima, BYL Byron's Ledge, SDHH Sand Hill, PUH Pauahi, HATHI Halema'uma'u 4S, OBL Observatory Leif, SBLH Steaming Bluff, UWB Uwekahuna, UWE Uwekahuna, RSD Rainedsh, HLP Hilina Pali, STCH Steam Cracks, MLH Mauna Loa, MWH Mauka'awoe, KHU Kahuku, POHA Pohakuloa, HUH Hualalai, MHA Mahukona.

JMA 09 13:50:47.5:0.1, 35.2N:0.2:138.6E:0.2, h17km, MV3.6/20, EASTERN SHIZUOKA PREF
JMA Feil'li J1 at EASTERN SHIZUOKA PREF
NEIC 09 13:50:47.1:3, 35.30N:0.03:138.57E:0.06, h10km, 2km, ML3.3/16, Error ellipse: s-maj=9.3km s-min=3.2km az=110.0

NIED 09 13:50:47.5, 35.23N:138.62E, h17km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn:0.4; Mw:2.42; Mss:2.38; Mss:0.24; Mss:0.67; Mw:0.41; Fault plane solution: M2.54000x10^14 NP1: 0.307.00000, 0.86.00000, 1.170.00000. NP2: 0.38.00000, 0.80.00000, 1.4.00000.

ISC 09 13:50:47.4:0.9, 35.25N:0.03:138.62E:0.04, h15km, 7km, n30, c1910/38, 4D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFNN Fujinakano, JYN Shimob, JOD2 Odawara 2, SHZ3 Shizuoka 3, SHZ3 Kamata3, IZSH Izushimoda, JNY Yasuok, JSG Sagara, JSG Sagara, JGF Kuroka, JGF Kuroka, INU Inuyama, INU Inuyama, MAJO Matsushiro, MAJO Matsushiro, MJB9 Matsu-Tunnel, JUJ2 Mitsune, JUJ2 Mitsune, JSD Sado, JSD Sado, JMM Marumori, JMM Marumori, JMM Monobe, JMM Monobe, JMM Monobe.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMN comp=E,50nm,1.3s, JTM Tenmabayashi, JNU Nakatsue, ERM Erimo, KSAR Wonju Array Be, KS19 Wonju Array Si.

NEIC 09 13:55:23.9:0.9, 19.393N:0.01:155.285W:0.009, h5km, 1km, Error ellipse: s-maj=2.6km s-min=1.8km az=167.0
HVO 09 13:55:23.6:1.0, 19.416N:0.008:155.274W:0.007, h1km, 3km, ML2.9/40, ML2.8/41(NEIC), Error ellipse: s-maj=1.4km s-min=0.8km az=210.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OBL Observatory Leif, UWB Uwekahuna, BYL Byron's Ledge, SBLH Steaming Bluff, HATHI Halema'uma'u 4S, KKO Keanakako'i, UWE Uwekahuna, RIM Rima, RSD Rainedsh, PUH Pauahi, KNHM Kane Nui o Ham, HLP Hilina Pali, MLH Mauna Loa, STCH Steam Cracks, JOKA Jonika Flow, JOKA Jonika Flow, JOKA Jonika Flow, HMM Humu'ula Sheep, HMM Humu'ula Sheep, MLOA Mauka'awoe, MWH Mauka'awoe, KHU Kahuku, KHU Kahuku, POHA Pohakuloa, POHA Pohakuloa, HUH Hualalai, HPAH Hawaii Prepara, MHA Mahukona.

IDC 09 13:59:40.3:0.4, 36.83N:97.99W, h0km, mb4.2/22, mb1m, 4.23S, ML4.2/14, MS3.7/82, Error ellipse: s-maj=8.6km s-min=7.1km az=170.0
TUL 09 13:59:41.4:0.4, 36.764N:0.009:98.06W:0.02, h10km, 6km, ML5.0, mb4.4/91(NEIC), mb_Lg4.9/163(NEIC), ML4.9/52(NEIC), Mw4.4/107(NEIC), Error ellipse: s-maj=1.9km s-min=1.0km az=119.0

NEIC 09 13:59:41.1:0.3, 36.76N:0.01:98.06W:0.01, h5km, 1km, Error ellipse: s-maj=2.6km s-min=2.0km az=336.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mn:1.86; Mw:5.59; Mss:3.73; Mss:0.84; Mss:2.31; Mw:1.87; Fault plane solution: M5.82000x10^15 NP1: 0.119.42000, 0.84.14000, -1.13.98000. NP2: 0.215.61000, 0.87.45000, -1.13.46000. Principal axes: T 6.3320, Plg9.0000, Azm345.0000; N -1.2014, Plg61.0000, Azm239.0000; P -5.1215, Plg28.0000, Azm80.0000.

ANF 09 13:59:41.2:0.1, 36.73N:97.99W, h5km, Error ellipse: s-maj=2.0km s-min=1.6km az=80.0
NEIC 09 13:59:41.1, 36.76N:98.06W, h5km
ISC 09 13:59:41.4:0.7, 36.78N:0.02:98.01W:0.02, h13km, 4km, n443, c1660/346, mb4.3/39, MS3.8/41, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GC02 Grant County #, GC02 Grant County #, OK032 Salt Plains WL, OK032 Salt Plains WL, OK032 Salt Plains WL, KAN14 Manchester ST, CROK Carrier, CROK Carrier, KAN17 Caldwell West, KAN17 Caldwell West, KAN05 Bluff City Nor, KAN05 Bluff City Nor, KAN01 Argonia South, KAN01 Argonia South, KAN08 Anthony Ne Sta, KAN08 Anthony Ne Sta, KAN09 Caldwell North, KAN06 Argonia West S, KAN12 Harper Ne Stat, OK035 E0210 Rd and N, BLOK Blackwell, NOKA Waynoka, NOKA Waynoka, U32A Winter Ranch, OK048 Pawnee Station, OK029 Liberty Lake.

OK029	comp=E,19um,0.8s	IAML	14 00 26.8		
T35A	Sooner Cattle comp=E,18um,0.4s	IAML	14 00 26.1		
T35A		IAML	14 00 28.4		
CSTR	comp=N,28um,0.5s	Pg	14 00 04.1	-1.4	
OKCWS	Hydro, Custer OKLAHOMA CITY comp=Z,8um,0.8s	IAMB_Lg	14 00 29.7		
DEOK	FNO	Pn	14 00 09.4	-0.2	
FNO	Franklin	Pn	14 00 10.0	+0.7	
R32A	Long Quarter,	Pn	14 00 12.5	+1.6	
R32A		IAMB_Lg	14 00 39.2		
W35A	comp=Z,6um,1.2s	IAMB_Lg	14 00 45.1		
Tecumseh	comp=Z,5um,0.8s	IAMB_Lg	14 00 29.7		
TUL3	Leonard	P	14 00 16.1	+1.4	
TUL3		Pn	14 00 44.6	-0.6	
WMOK	Wichita Mounta	Pn	14 00 17.1	+0.5	
WMOK		IAMB_Lg	14 00 50.9		
WMOK	comp=Z,5um,0.7s	P	14 00 17.2	+0.5	
WMOK	Wichita State U	Pn	14 00 45.8	-0.4	
WMOK		S	14 00 45.8	-0.4	
CBKS	Cedar Bluff	IAMB_Lg	14 01 00.8		
CBKS	Cedar Bluff	P	14 00 22.5	+1.3	
CBKS		S	14 00 53.7	+2.7	
RLO	Rose Lookout	Pn	14 00 22.9	+1.4	
RLO		IAMB_Lg	14 01 05.6		
KSU1	comp=Z,5um,1.0s	Pn	14 00 20.7	-2.0	
KSU1	Kansas State U	P	14 00 24.7	+1.9	
KSU1		Sb	14 01 01.1	+2.3	
LOOK	Love County	Pn	14 00 26.4	-0.2	
LOOK		IAMB_Lg	14 01 16.6		
U38A	Gravette	IAMB_Lg	14 01 19.0		
WTF5	Witchita Falls	Pn	14 00 28.5	-0.4	
X37A	Clayton	Pn	14 00 30.6	+1.2	
X37A		IAMB_Lg	14 01 22.8		
HHAR	Hobbs	Pn	14 00 34.5	+1.5	
HHAR		IAMB_Lg	14 01 30.3		
AMTX	Amarillo	IAMB_Lg	14 01 33.1		
AMTX	Amarillo	P	14 00 36.9	+1.0	
AMTX		Sb	14 01 29.6	+3.1	
FW06	Azie	IAMB_Lg	14 01 46.3		
S39A	Bolivar	IAMB_Lg	14 01 49.8		
APMT	Aspermont	IAMB_Lg	14 01 48.6		
DKNS	Dickens	IAMB_Lg	14 01 54.9		
PLPT	Palo Pinto	IAMB_Lg	14 01 52.8		
MIAR	Mount Ida	P	14 00 46.7	+1.1	
MIAR		S	14 01 36.6	+1.6	
KSCO	Kaye Shedlock	Pn	14 00 47.4	+1.1	
KSCO		IAMB_Lg	14 02 00.4		
KSCO	comp=Z,2um,0.8s	P	14 00 47.4	+1.1	
KSCO		S	14 01 37.5	+1.3	
TREL	Terrell	IAMB_Lg	14 02 10.3		
ABTX	Abilene, Hawle	IAMB_Lg	14 01 58.9		
ABTX	Abilene, Hawle	P	14 00 47.2	-0.1	
ABTX		Sb	14 01 53.2	+3.0	
SN07	Snyder 07	IAMB_Lg	14 02 04.7		
FW16	Waxahatchie	IAMB_Lg	14 02 04.8		
P38A	Dawn	IAMB_Lg	14 02 16.0		
SN05	Snyder 5	IAMB_Lg	14 02 06.2		
MGMO	Mountain Grove	IAMB_Lg	14 02 12.6		
BGNE	Belgrade	IAMB_Lg	14 02 11.9		
BGNE	Belgrade	P	14 00 52.1	+1.1	
BGNE		Sb	14 02 05.4	-4.5	
MSTX	Muleshoe	P	14 00 53.9	+0.5	
MSTX		Sb	14 02 08.4	+5.4	
WHTX	Lake Whitney,	P	14 00 53.9	+0.7	
WHTX		Sb	14 02 07.8	+5.0	
R40A	Maddies Statio	IAMB_Lg	14 02 17.8		
FCAR	Ozark Oak Cen	IAMB_Lg	14 02 16.5		
WHAR	Woolly Hollow	IAMB_Lg	14 02 27.2		
UALR	University of	IAMB_Lg	14 02 27.2		
WLAR	White Oak Lake	Pn	14 00 56.4	-0.4	
WLAR		IAMB_Lg	14 02 29.0		
237A	Washetta, Mont	IAMB_Lg	14 02 33.3		
OGNE	Ogallala	Pn	14 00 59.9	+0.7	
OGNE		IAMB_Lg	14 02 39.5		
OGNE	Ogallala	P	14 01 00.0	+0.9	
OGNE		S	14 02 00.7	+1.5	
P40A	Paris	IAMB_Lg	14 02 38.2		
SGCY	Sterling City	Pn	14 01 02.9	0.0	
SGCY		IAMB_Lg	14 02 40.8		
Z41A	Richland Creek	IAMB_Lg	14 02 45.6		
CCM	Cathedral Cave	Pn	14 01 04.4	+1.0	
CCM		IAMB_Lg	14 02 43.2		
CCM	Cathedral Cave	P	14 01 04.2	+0.8	
BRDY	Brady	IAMB_Lg	14 02 41.8		
LCAR	Lake Charles	IAMB_Lg	14 02 42.3		
NATX	Nacogdoches	Pn	14 01 05.4	-0.6	
NATX		IAMB_Lg	14 02 55.3		
NATX	Nacogdoches	P	14 01 06.3	+0.3	
NATX		S	14 02 10.4	-1.0	
CCAR	Cane Creek	IAMB_Lg	14 02 58.9		
435B	Jarrell	IAMB_Lg	14 02 59.4		
435B	Jarrell	P	14 01 09.9	+0.2	
435B		S	14 02 16.5	-1.6	
SDCO	Great Sand Dun	Pn	14 01 12.1	+1.3	
SDCO	Great Sand Dun	P	14 01 11.9	+1.0	
Q24A	Divide	IAMB_Lg	14 02 58.7		

Q24A	comp=Z,2um,0.9s	P	6.06 293	P	Pn	14 01 11.2	+0.3
PBMO	Poplar Village comp=Z,2um,0.8s	IAMB_Lg	6.08 88	P	Pn	14 02 58.7	
FVM	French Village comp=Z,2um,0.8s	IAMB_Lg	6.16 76	P	Pn	14 02 58.0	
BRIGG	Briggsdale	IAMB_Lg	6.23 310	P	Pn	14 03 05.8	
SCIA	State Center comp=Z,2um,0.8s	P	6.33 34	P	Pn	14 01 15.8	+1.5
SCIA		S			Sn	14 02 25.3	-1.1
OLNA	Ozonia	IAMB_Lg	6.39 205	P	Pn	14 03 06.5	
ZM	Saint Louis	IAMB_Lg	6.44 71	P	Pn	14 03 09.2	
JCT	Junction City comp=Z,2um,0.8s	P	6.46 194	P	Pn	14 01 17.0	+0.9
ISCO	Idaho Springs comp=Z,2um,0.8s	Pn	6.70 299	P	Pn	14 01 20.3	+0.6
MNHN	Monahans comp=Z,2um,0.8s	IAMB_Lg	6.70 127	P	Pn	14 03 15.7	
MET	Merphiss-Engin comp=Z,2um,0.8s	IAMB_Lg	6.75 102	P	Pn	14 03 32.6	
143A	Soes Landing comp=Z,2um,0.8s	IAMB_Lg	6.79 125	P	Pn	14 03 30.8	
ECSO	EROS Data Cent comp=Z,2um,0.8s	Pn	7.03 8	P	Pn	14 01 23.8	-0.2
ECSO		IAMB_Lg			Pn	14 01 23.7	-0.3
ECSO	EROS Data Cent comp=Z,2um,0.8s	P	7.03 8	P	Pn	14 01 23.7	-0.3
ECSO		S			Sn	14 02 43.6	-0.1
S44A	Carbondale comp=Z,2um,0.9s	IAMB_Lg	7.04 80	P	Pn	14 03 25.6	
SIUC	Southern Illin comp=Z,2um,0.8s	IAMB_Lg	7.08 80	P	Pn	14 03 36.6	
ANMO	Albuquerque	P	7.10 258	P	Pn	14 01 25.1	0.0
ANMO	Albuquerque	P	7.10 258	P	Pn	14 01 25.0	-0.1
ANMO	Albuquerque comp=Z,1.7nm,0.3s,baz=169,slow=14,SNR=34	Pn	7.10 258	Pn	Pn	14 01 26.5	+1.4
ANMO		Lg			Lg	14 03 21.2	
ANMO	comp=Z,2.4nm,0.3s,baz=66,slow=23,SNR=3.2	LR			LR	14 04 26.9	
HNDO	Hondo comp=Z,2um,1.0s	IAMB_Lg	7.30 189	P	Pn	14 03 36.3	
PHWY	Pilot Hill comp=Z,2um,1.1s	IAMB_Lg	7.35 310	P	Pn	14 03 49.6	
OXF	Oxford comp=Z,2um,0.8s	P	7.36 105	P	Pn	14 01 28.7	+0.2
OXF		S			Sn	14 02 51.6	-0.2
N23A	Red Feather La comp=Z,2um,0.8s	Pn	7.43 306	Pn	Pn	14 01 30.9	+1.1
N23A		IAMB_Lg			Pn	14 03 46.2	
N23A	Red Feather La comp=Z,2um,0.8s	P	7.43 306	P	Pn	14 01 30.5	+0.7
L40A	Anamosa comp=Z,2um,0.8s	IAMB_Lg	7.45 43	P	Pn	14 03 43.0	
SMCO	Snowmass comp=Z,2um,0.8s	Pn	7.48 291	P	Pn	14 01 31.5	+1.0
EF01	Eagle Ford 01	IAMB_Lg	7.63 182	P	Pn	14 03 51.7	
DRIO	Del Rio comp=Z,2um,1.1s	IAMB_Lg	7.65 197	P	Pn	14 03 48.2	
VBMS	Vicksburg comp=Z,2um,0.9s	IAMB_Lg	7.67 124	P	Pn	14 04 06.3	
VBMS	Vicksburg comp=Z,2um,1.2s	P	7.67 124	P	Pn	14 01 33.8	+1.0
VBMS		S			Sn	14 02 58.0	-1.6
SUSD	Miller comp=Z,2um,0.9s	IAMB_Lg	7.69 355	P	Pn	14 03 50.6	
SUSD	Miller	P	7.69 355	P	Pn	14 01 34.1	+1.0
Y22D	IRIS PASCALL I comp=Z,2um,0.8s	P	7.76 252	P	Pn	14 01 34.0	-0.2
HDIL	Hopedale comp=Z,2um,0.8s	P	7.79 58	P	Pn	14 01 34.8	+0.4
HDIL		S			Sn	14 03 02.1	-0.4
735A	Kennedy comp=Z,2um,0.8s	IAMB_Lg	7.90 179	P	Pn	14 04 13.6	
ALPN	Alpine comp=Z,2um,1.1s	IAMB_Lg	7.92 218	P	Pn	14 04 04.0	
MNXT	Cornudas Mount comp=Z,2um,0.8s	P	7.93 232	P	Pn	14 01 36.3	-0.1
I37A	Lemond, Waseca comp=Z,2um,0.7s	IAMB_Lg	8.04 24	P	Pn	14 04 00.6	
WVT	Waverly comp=Z,2um,0.8s	P	8.23 91	P	Pn	14 01 39.9	-0.5
WVT		P	8.23 91	P	Pn	14 01 39.7	-0.7
VHRC	Van Horn comp=Z,2um,1.1s	IAMB_Lg	8.33 226	P	Pn	14 04 22.6	
MVO	Mesa Verde comp=Z,2um,1.1s	P	8.41 276	P	Pn	14 01 43.2	+0.1
146A	Union comp=Z,2um,0.9s	IAMB_Lg	8.45 117	P	Pn	14 04 29.3	
833A	Chaparral WMA, comp=Z,2um,0.8s	IAMB_Lg	8.51 188	P	Pn	14 04 23.4	
833A	Chaparral WMA, comp=Z,2um,0.8s	P	8.51 188	P	Pn	14 01 43.8	-0.5
JFWS	Jewell Farm comp=Z,2um,0.8s	IAMB_Lg	8.55 42	P	Pn	14 04 25.9	
JFWS	Jewell Farm comp=Z,2um,0.8s	P	8.55 42	P	Pn	14 01 45.0	+0.1
EPT	El Paso comp=Z,2.1nm,1.1s	IAMB_Lg	8.62 237	P	Pn	14 04 31.8	
RSSD	Black Hills comp=Z,2um,0.8s	P	8.65 330	P	Pn	14 01 47.0	+0.6
RSSD	Black Hills	P	8.65 330	P	Pn	14 01 46.9	+0.5
O20A	White River Ci comp=Z,2um,0.8s	P	8.70 296	P	Pn	14 01 47.1	+0.1
K22A	Casper comp=Z,2um,0.8s	P	8.80 314	P	Pn	14 01 44.9	-3.5
K22A	Casper	P	8.80 314	P	Pn	14 01 48.7	+0.3
TXAR	Lajitas Array comp=Z,2um,0.8s	Pn	8.81 214	Pn	Pn	14 01 47.0	-1.5
TXAR	Lajitas Array comp=Z,2um,0.8s	P	8.81 214	P	Pn	14 01 47.9	-0.6
TXAR	comp=Z,3.1nm,0.3s,baz=34,slow=11,SNR=66	Lg			Lg	14 04 16.5	
TXAR	comp=Z,3.1nm,0.3s,baz=29,slow=29,SNR=20	Lg			Lg	14 04 48.4	
474A	Carrollton comp=Z,2um,0.8s	IAMB_Lg	8.90 111	P	Pn	14 04 48.4	
140A	Norwalk comp=Z,2um,0.9s	IAMB_Lg	9.07 36	P	Pn	14 04 43.8	
121A	Cookes Peak, D comp=Z,2um,0.8s	P	9.10 245	P	Pn	14 01 52.1	-0.4
F33A	5 Mile Ranch, comp=Z,2um,0.8s	P	9.15 8	P	Pn	14 01 52.3	-0.7
F33A		IAMB_Lg			Pn	14 04 39.1	
SPIN	Lafayette comp=Z,2um,0.8s	P	9.27 64	P	Pn	14 01 55.1	+0.4
SPIN	Marine on St. comp=Z,2um,0.8s	IAMB_Lg	9.31 23	P			

Table with columns: PZH, QSPA, VNSA, WRA, ASAR. Rows include station names, coordinates, and codes like PKP, PKIKP, PKPpdf.

SFS 09 14:08:30.9, 35:85N, 5:39W, h5km, ML4.2/6, ML1.8/4, ML2.7/6, Strait of Gibraltar. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 09 14:08:55.2, 0.6, 36:782N, 0:009, 98:07W, 0:01, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.5km az=327.0

TUL 09 14:08:55.4, 0.5, 36:772N, 0:010, 98:066W, 0:009, h6km, 2km, ML2.9, ML2.7/5(NEIC), Error ellipse: s-maj=1.6km s-min=0.3km az=145.0, Oklahoma

Main table for NEIC 09 14:08:55.4, 0.5, 36:772N, 0:010, 98:066W, 0:009, h6km, 2km, ML2.9, ML2.7/5(NEIC), Error ellipse: s-maj=1.6km s-min=0.3km az=145.0, Oklahoma. Columns: Code, Station Name, Az, Phase ID, Time, Res.

FUNV 09 14:17:22.8, 10:34N, 62:75W, h2km, MW3.5, TRN 09 14:17:23.1, 10:45N, 62:74W, h3km, MD3.5, Gulf of Paria near Venezuela.

ISC 09 14:17:21.6, 1.3, 10:37N, 0:04, 62:74W, 0:03, h12km, 10km, n21, c1946/39, Near coast of Venezuela

Table for ISC 09 14:17:21.6, 1.3, 10:37N, 0:04, 62:74W, 0:03, h12km, 10km, n21, c1946/39, Near coast of Venezuela. Columns: Code, Station Name, Az, Phase ID, Time, Res.

MAPV Macapo 5.65 265 eP Pn 14 18 46.0 +0.4 MAPV 14 18 47.7 -2.7

NEIC 09 14:17:45.2, 0.5, 36:76N, 0:01, 98:05W, 0:01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.3km az=290.0

TUL 09 14:17:45.5, 0.4, 36:76N, 0:01, 98:06W, 0:02, h7km, 3km, ML2.9, mb, Lg2.1/4(NEIC), ML2.5/0(NEIC), Error ellipse: s-maj=2.0km s-min=1.5km az=126.0, Oklahoma

Main table for NEIC 09 14:17:45.5, 0.4, 36:76N, 0:01, 98:06W, 0:02, h7km, 3km, ML2.9, mb, Lg2.1/4(NEIC), ML2.5/0(NEIC), Error ellipse: s-maj=2.0km s-min=1.5km az=126.0, Oklahoma. Columns: Code, Station Name, Az, Phase ID, Time, Res.

ISC 09 14:19:04.3, 2.1, 2:93N, 126:70E, h0km, mb3.3/3, mbmtsp 3/3, Error ellipse: s-maj=147.9km s-min=27.9km az=66.0, Northern Molouca Sea

Table for ISC 09 14:19:04.3, 2.1, 2:93N, 126:70E, h0km, mb3.3/3, mbmtsp 3/3, Error ellipse: s-maj=147.9km s-min=27.9km az=66.0, Northern Molouca Sea. Columns: Code, Station Name, Az, Phase ID, Time, Res.

TEH 09 14:21:59.6, 37:93N, 43:68E, h10km, 990km, ML2.5, ISK 09 14:22:05.4, 38:25N, 43:92E, h5km, ML2.6/6

AFAD 09 14:22:05.0, 0.0, 38:12N, 43:97E, h7km, 5km, ML2.1, ISC 09 14:22:06.0, 0.9, 38:15N, 0:03, 43:99E, 0:03, h10km, n20, c1959/27, Turkey

Main table for ISC 09 14:22:06.0, 0.9, 38:15N, 0:03, 43:99E, 0:03, h10km, n20, c1959/27, Turkey. Columns: Code, Station Name, Az, Phase ID, Time, Res.

GURO 14 22 56.3 -0.9 SRTM Agiri, Merkez 1.64 265 P Pg 14 22 37.8 +0.3 KOTA Siirt, Merkez-K 1.76 340 P Pb 14 22 39.3 +0.7 KOTA comp=N, 8.5nm, 1.2s i AML AML 14 23 19.0

ISC 09 14:35:19.7, 0.8, 6:58S, 154:85E, h0km, mb3.8/11, mbmp3.9/13, ML2.6/2, MS3.5/3, Error ellipse: s-maj=26.1km s-min=19.8km az=104.0

ISC 09 14:35:27.4, 0.7, 6:75S, 0:1, 154:8E, 0:1, h56km, n21, c1926/17, mb3.7/11, Bougainville-Solomon Islands region

Main table for ISC 09 14:35:27.4, 0.7, 6:75S, 0:1, 154:8E, 0:1, h56km, n21, c1926/17, mb3.7/11, Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 09 14:48:03.0, 0.7, 19:39N, 0:04, 155:27W, 0:009, h5km, 1km, Error ellipse: s-maj=7.2km s-min=1.4km az=173.0

HVO 09 14:48:02.8, 0.5, 19:40N, 0:03, 155:27W, 0:005, h1km, 8km, ML2.7/4, ML1.8/2(NEIC), Error ellipse: s-maj=4.8km s-min=0.6km az=177.0, Hawaiian Islands

Main table for HVO 09 14:48:02.8, 0.5, 19:40N, 0:03, 155:27W, 0:005, h1km, 8km, ML2.7/4, ML1.8/2(NEIC), Error ellipse: s-maj=4.8km s-min=0.6km az=177.0, Hawaiian Islands. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 09 14:48:17.8, 19:41N, 155:18W, h12km, Moment Tensor Solution, Duration: 2s, Moment tensor: Scale 1019Nm, M=3.2, Mw3.20, Mw6.19, Mw1.28, Mw3.67, Mw-0.69; Fault plane solution: M9.12000x1016 NPT13=26.06000, 345.11000, A=101.28000, NP213=21.85000, 345.99000, A=78.89000. Principal axes: T: 8.6580, Plg0.0000, Azm304.0000; N: 0.9278, Plg8.0000, Azm34.0000; P: -9.5858, Plg82.0000, Azm211.0000; Azm34.0000; P: -9.5858, Plg82.0000, Azm211.0000;

ISC 09 14:48:17.1, 1.1, 19:25N, 155:47W, h0km, mb4.0/13, mbmp4.0/13, MS4.4/74, Error ellipse: s-maj=38.7km s-min=19.3km az=157.0

Main table for ISC 09 14:48:17.1, 1.1, 19:25N, 155:47W, h0km, mb4.0/13, mbmp4.0/13, MS4.4/74, Error ellipse: s-maj=38.7km s-min=19.3km az=157.0. Columns: Code, Station Name, Az, Phase ID, Time, Res.

λ-83.00000°, NP2°44.00000°, δ39.00000°, λ-99.00000°
Principal axes: T 0.7400, Plg6.0000, Azm320.0000; N 0.1630, Plg6.0000, Azm51.0000; P -0.9030, Plg81.0000; Azm182.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 14:48:18.5±0.8, 19.44±0.0, 0.3:155.29W±0.03, h8km±4km, n556, σ1907/471, mb4.7/60, MS4.5/83, 1C-1D, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their characteristics.

9d 14h

Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like Boulder Array, Pinedale Array, Minto, Yukon, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like Bananza Creek, Sherouck Mo, Mount Dempster, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like Teshekpuk Lake, Stokes Point, Abilene, Hawley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIGA, P52A, O53A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like LZH, PCRV, QIZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like USA0B, PETK, WR0, etc.

NEIC 09 15:17:01.9,0.8, 19.40N,0.01:155.275W,0.008, h5km,1km, Error ellipse: s-maj=2.3km s-min=2.0km az=125.0

HVO 09 15:17:01.5,0.9, 19.400N,0.010:155.266W,0.008, h0km,2km, ML2,9/41, ML2,8/32(NEIC), Error ellipse: s-maj=1.5km s-min=1.0km az=189.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKO, RIM, BYL, etc.

TEH 09 15:26:14.5, 32.35N, 49.02E, h12km, 26km, ML3.6 DSN 09 15:26:19.8, 2.5, 32.16N, 49.90E, h15km, ML3.2/2, Error ellipse: s-maj=55.3km s-min=21.3km az=40.0

ISC 09 15:26:16.8, 0.5, 32.31N, 0.05:49.03E, 0.04, h23km, n82, r1576/80, mb3.6/19, Western Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AHWZ, AHWZ, JHBN, etc.

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9d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMN Monobe, KURBB Kurchatov Arra, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, BVAR Borovoye Array, BRVK Borovoye, ABKAR Akbulak array, H04N2 CROZET ISLANDS, etc.

IDC 09 18:45:58.7 1.4, 6.81N-72.98W, h161km, 15km, mbtmp4.2/3, Error ellipse: s-maj=110.7km s-min=7.5km az=133.0, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC El Rosal, SDV Santo Domingo, PCRV Puerto La Cruz, ASAR Alice Springs, WRA Warrungarra Arr.

IGQ 09 19:05:06.3 0.8, 2.3 S, -8'1" W, h2km, M4.0/25, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPLP Puerto Lopez, ISPA Isla Puer, MILO Miago-Astudi, AQUE Quevedo, FLPI Flavio Alfaro, MARG Magdalena, CHSH Refugio Sur-Vo, TAMH Tambohuasha Ch, PORT Chimborazo Vol, ARIO Riobamba, IGUA Iguatata, ILLI Illinizas Sur, BBIL Ulba Tungurahua, BMAS Trigal station, TUYU O. Yuibug Volc, JU16 Juive, ARRY Arrayan, PAST Pastocalle, SRAM San Ramon Vol, BULB Ulba Tungurahua, SLOP San Lorenzo, BRRN Barrancas-Volc, CAMI Rancho Maria, PISI Pisayambo, BMOR Cotopaxi Volca, BNAS Cotopaxi Volca, VCES Cotopaxi, BREF Cotopaxi Volca, BV2 Cotopaxi Volca, GCPPT Toaza - Volcan, BTAM Cotopaxi Volca, VC1 Cotopaxi 1, PITA Cotopaxi Volc, JU2A San Juan 2, TAMB Tambo, TOMA Boca Toma-Volc, PIAT Ana Tenorio, TERY Terraza Guagua, GGPC Guagua Pichinc, PINO Pino, YANA Yana, MCRA Macar, Loja, BOSN San Juan Bosco, PACI Pacto, Paraso, ANTG Antisana-Guama, ANTJ Antisana-La Mi, PULU Puluhua, GONZ Gonzanam, ANTS Antisana-Sarah, ANTI Antisana, RVRD Rio Verde, OTAV Otavalo, GUSE Guicocha Este, ARDO Archidona, Ten, CUIC Cuicocha-Domo, COTA Cotacachi, IMBA Imbabura, CAYR Refugio Cayamb, ANGU Anguesai, URCU Urcuqui, CAYA Cayambe, AIB2 Ibarra (Univer), YAHU Yahuarcocha, TASH Tasha, ZUMB Zumba, NLNG El Angel-Carch, CHL1 Volc'n Chiles, ECEN Cerro Negro, CHL2 Volc'n Chiles, BONI La Bonita

mbtmp3.5/4, MS2.8/1, Error ellipse: s-maj=196.9km s-min=24.9km az=64.0 JMA 09 19:09:45.9 0.2, 23.3N, 0.3, 120.4E, h0km, MV3.8/13, TAIWAN REGION TAP 09 19:09:46.4, 23.26N, 120.44E, h9km, ML3.8, B ASIES 09 19:09:46.4, 23.26N, 120.44E, h9km, ML3.8, Mw3.4 Moment Tensor Solution. Moment tensor: Scale 10^21Nm; M1:1.37; M2:-0.31; M3:-1.06; M4:0.24; M5:-0.68; M6:0.23; Fault plane solution: Mo:1.45391x10^21 NPl:34.32000, delta:4.4000, lambda:8.1000, NP2:206.64000, delta:38.82000, lambda:8.00000, Principal axes: T Plg82.6400, Azm331.8770, N Plg3.7570, Azm211.3210, P Plg6.3200, Azm120.9050; ISC 09 19:09:47.1 0.7, 23.29N, 0.1, 120.43E, h161km, 4km, n155, e1901/267, mb3.5/4, 11C-22D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWK Hsinying, SNST Tainan City, CHN1 Nanshi, CHN1 Nanshi, ICHU Yijhu, CHN4 Tsauhsan, CHN4, WTP Ta-pu, WTP Ta-pu, TPUB Ta-pu, TPUB Ta-pu, SSHA Shanhua, CHN8, CHN8, CHY Chiayi, CHN3 Shinhua, WCKO Fanlu, WCKO, SCLT Jiali, SCLT, SGST Jiashan, SGST, CHN2 Minshiang, CHN2, SHHT Tainan City, WSL Shulin Townsh, WSL, TAI1 Yun'kang, TAI1, STYH Taoyuan, STYH, TSCK Chigu Township, TSCK, SGLT Liugui, SGLT, WSF Szu, WSF, WTK Tuku, WTK, SCST Cishan, SCST, ALS Alishan, ALS, WDLH Douliu, WDLH, WDK Gukeng, WDK, TWMT Shoushan, TWMT, SNJT Kaoshiung City, SNJT, ELDTW Lidau, ELDTW, SGLT Jiouru, SGLT, WHYT Xinyi Township, WHYT, SSD Sandimen, SSD, WTCT Ta-cheng, WTCT, WJS Zhushan, WJS, TSMG Majia, TSMG, WRL Guolierin Hig, WRL, WNT Mingjian, WNT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNT, SSSLB Suanglung, SSSLB Suanglung, MASB Mashibuluo, MASB, WDGJ Tungji, WDGJ, KAU Kaoshiung, KAU, EHD Haiduan, EHD, TYC Yuchr, TYC, SMLT Sun Moon Lake, SMLT, LONT Longtan, LONT, LONT, ECS Chishang, ECS, ECS, TWG Pinlang, TWG, TWG, TWGBT Beinan, TWGBT, TWGBT, FULB Fuli, FULB, TWF1 Yuli, TWF1, WVDT WVDT, WVDT, YULB Yu-li, YULB, YULB, EYUL Yuli, EYUL, EYUL, PHUB Peng-hu, PHUB, ECL Tainali, ECL, TTN Taitung, TTN, EHY Hungye, EHY, EHY, PNG Penghu, PNG, EDH Donghe, EDH, EDH, EHYH Wanrong, EHYH, EHYH, WCS Beigang Elemen, WCS, TCU Taichung, TCU, CHKH Chenggong, CHKH, VCHM Qimei, VCHM, VCHM, SCZT Fangliu, SCZT, HGSD Rensai, HGSD, WUSB Renai, WUSB, OWD Renai, OWD, OWD, WARBT Fenglin Townsh, WARBT, EAST Anshuo, EAST, EAST, EGFF Guangfu, EGFF, EGFF, TAW Tawu, TAW, CHGB Renai, CHGB, CHGB, TASH Dawu Township, TASH, TAWH, TAWH, ESL Shilin, ESL, ESL, WDJ Dajia District, WDJ, WDJ, WHP Taichung City, WHP, WHP, TWQ1 Liyuan, TWQ1, TWQ1

IDC 09 19:09:43.7 2.2, 23.71N-122.16E, h0km, mb3.5/4,

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like LDUT Ludao, WHF Hehuan Shan, SHUL Shoufeng, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like KNMB Chin-men Tao, TWB1 Santiao Chiao, SX11 Grass Mountain, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like TWE baz=315, ENTT Nioudou, NDT Datong Townshi, etc.

ASIES 09 19:28:53.4, 23:95N, 122:54E, h26km, ML3.7, Mw3.6, Moment Tensor Solution... Fault plane solution: Ms3.6985x1021, NP1phi=77.20000, delta1.17000, lambda3.06000, NP2phi=295.62000, delta11.22000, lambda127.88000, Principal axes: T Plg53.3400, Azm338.9700; N Plg6.8620, Azm173.2540; P Plg35.8030, Azm173.2540; TAP 09 19:28:53.4, 23:95N, 122:54E, h26km, ML3.7, C JMA 09 19:28:53.4, 0.2, 24 N, 1 x 122:55E, 0.5, h24km, 3km, MV3.4/15, NW OFF ISHIGAKIJIMA IS IDC 09 19:29:02.6, 7.0, 23:99N, 122:41E, h108km, 68km, mb3.3/7, mbmp3.7/8, MS2.9/2, Error ellipse: s-maj=47.1km s-min=15.7km az=68.0 ISC 09 19:28:53.2, 0.9, 23:91N, 102:122:54E, 0:02, h26km, 7km, n164, r1903/306, mb3.8/7, Taiwan region

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like E0S4 E0S4, E0S3 E0S3, E0S2 E0S2, etc.

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YM01	baz=272	1.52 325	eP	Pb	19 29 21.5	+0.8
YM01	baz=324		eS	Sb	19 29 37.9	-1.6
JJJ	baz=324	1.54 72	P	Pn	19 29 19.7	+0.8
JJJ	Ishigaki jima		eS	Sb	19 29 39.0	-1.0
TYC	baz=269	1.54 270	eP	Pb	19 29 22.0	+1.0
TYC	baz=269		eS	Sb	19 29 39.6	-0.5
YM08	baz=325	1.54 326	eP	Pb	19 29 20.7	-0.3
YM08	baz=325		S	Sb	19 29 38.5	-1.7
WHYT	baz=325	1.56 263	eP	Pn	19 29 20.4	+1.1
WHYT	baz=250		eS	Sn	19 29 38.8	+0.2
TWS1	baz=336	1.57 320	P	Pb	19 29 20.5	-1.0
TWS1	baz=336		S	Sb	19 29 41.0	+0.1
ELDTW	baz=242	1.57 243	P	Pn	19 29 19.6	+0.1
ELDTW	baz=242		S	Sn	19 29 38.6	-0.4
LDUT	baz=242	1.57 219	eP	Pn	19 29 18.8	-0.6
LDUT	baz=218		iS	Sn	19 29 36.5	-2.4
LI0B	baz=218	1.57 298	P	Pb	19 29 21.1	-0.5
LI0B	Emei		S	Sb	19 29 41.0	-0.1
ANP	baz=297	1.58 324	eP	Pb	19 29 22.9	+1.2
ANP	baz=324		S	Sb	19 29 40.0	-1.3
NSST	baz=324	1.58 298	P	Pb	19 29 21.0	-0.7
NSST	Nanjiang		S	Sb	19 29 40.9	-0.3
TWY	baz=297	1.61 328	eP	Pb	19 29 23.4	+1.2
TWY	baz=328		iS	Sb	19 29 40.8	-1.3
NCUH	baz=328	1.62 311	eP	Pb	19 29 21.8	-0.7
NCUH	Zhongli		eS	Sn	19 29 43.0	+0.5
LONT	baz=310	1.63 233	eP	Pn	19 29 21.2	+1.0
LONT	baz=223		S	Sn	19 29 40.7	+0.3
ALS	baz=223	1.64 256	P	Pn	19 29 21.9	+1.3
ALS	Alishan		S	Sn	19 29 41.5	+0.6
SBCB	baz=255	1.67 302	eP	Pb	19 29 22.6	-0.6
SBCB	Hsinchu		S	Sb	19 29 40.0	-1.3
TWQ1	baz=300	1.67 286	P	Pb	19 29 22.7	-0.5
TWQ1	Liuyan		S	Sb	19 29 45.0	+1.0
HSN	baz=285	1.69 302	eP	Pn	19 29 20.8	-0.2
HSN	Hsinchu		eS	Sb	19 29 42.8	-1.5
WNT	baz=303	1.70 269	eP	Pb	19 29 23.5	-0.2
WNT	Mingjian		eS	Sn	19 29 43.4	+1.4
NSY	baz=268	1.70 288	eP	Pb	19 29 23.6	-0.2
NSY	Sanyi		eS	Sb	19 29 45.6	+0.9
NMLH	baz=287	1.71 292	iP	Pb	19 29 23.3	-0.7
NMLH	Miaoili		eS	Sb	19 29 45.2	+0.1
TTN	baz=291	1.72 228	S	Sn	19 29 42.2	-0.3
TTN	Taitung		S	Sn	19 29 23.4	-0.7
TCU	baz=227	1.72 278	iP	Pb	19 29 23.4	-0.7
TCU	Taichung		eS	Sb	19 29 46.6	+1.3
TWGBT	baz=277	1.72 231	eP	Pn	19 29 22.0	+0.5
TWGBT	Beinan		eS	Sn	19 29 42.0	-0.7
TWG	baz=222	1.73 232	eP	Pn	19 29 21.1	-0.4
TWG	Pinlang		eS	Sn	19 29 41.9	-0.9
JISG	baz=222	1.75 67	eP	Pn	19 29 22.5	+0.6
JISG	Ishigakijimahi		eS	Sn	19 29 44.2	+0.8
PCYT	baz=347	1.77 346	P	Pn	19 29 22.7	+0.6
PCYT	Pengchaiyu		eS	Sn	19 29 43.8	0.0
STYH	baz=347	1.78 246	eP	Pb	19 29 24.1	-0.9
STYH	Taoyuan		eS	Sb	19 29 45.7	+1.8
WDJ	baz=235	1.79 285	eS	Sb	19 29 47.2	-0.1
WDJ	Dajia District		eP	Pb	19 29 25.4	-0.5
WGK	baz=284	1.82 263	eP	Pb	19 29 48.9	+0.6
WGK	Gukeng		eS	Sb	19 29 25.0	-1.0
WCKO	baz=262	1.83 256	P	Pb	19 29 47.8	-0.7
WCKO	Fanlu		iS	Sb	19 29 26.7	+0.4
WDLH	baz=254	1.84 264	eP	Pb	19 29 50.4	+1.5
WDLH	Douliu		iS	Sb	19 29 48.4	-0.7
TPUB	baz=240	1.85 251	eP	Pb	19 29 26.6	+0.2
TPUB	Ta-pu		S	Sb	19 29 25.8	-0.8
CHN4	baz=240	1.87 253	eP	Pb	19 29 48.8	-0.8
CHN4	Tsashan		S	Sb	19 29 26.7	-0.2
WTP	baz=242	1.88 250	eP	Pb	19 29 49.8	-0.3
WTP	Ta-pu		eS	Sb	19 29 24.9	+0.2
ECL	baz=238	1.96 229	P	Pn	19 29 47.4	-0.9
ECL	Taimali		eS	Sn	19 29 53.5	+1.2
SLGT	baz=228	1.96 243	eP	Pb	19 29 28.1	-0.1
SLGT	Liugu		eS	Sb	19 29 27.3	-1.2
SGST	baz=234	1.97 246	eP	Pb	19 29 51.4	+2.5
SGST	Jiashian		eS	Sn	19 29 27.2	-1.3
WRL	baz=245	1.98 270	P	Pb	19 29 51.9	-0.8
WRL	Guolierin Hig		S	Sb	19 29 29.0	+0.5
CHN1	baz=269	1.98 249	eP	Pb	19 29 52.4	-0.4
CHN1	Nanshi		S	Sb	19 29 28.0	-0.5
WTK	baz=248	1.98 264	eP	Pb	19 29 53.7	+0.9
WTK	Tuku		eS	Sb	19 29 27.5	-1.1
WTK	baz=263		S	Sb	19 29 52.3	-0.7
SNST	baz=251	1.99 250	eP	Pb	19 29 28.7	-0.1
SNST	Tainan City		S	Sb	19 29 52.6	-0.6
WTCT	baz=249	2.07 269	iS	S	19 29 54.5	-0.7
WTCT	Ta-ch'eng		eS	Pb	19 29 26.2	0.0
LAY	baz=268	2.07 206	eP	Pn	19 29 49.3	-1.9
LAY	Lan-yu		eS	Sn		

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LYUB	baz=206	2.09 205	eP	Pn	19 29 26.6	+0.1
LYUB	Lan-yu		eS	Sb	19 29 48.5	-3.2
SSD	baz=205	2.10 237	eP	Pn	19 29 30.0	-0.6
SSD	Sandimen		eS	Sb	19 29 27.3	+0.6
JTJ	baz=228	2.11 69	eP	Pn	19 29 31.9	+0.7
JTJ	Tarama		eS	Sb	19 29 56.3	-0.9
SCST	baz=231	2.14 263	eP	Pn	19 29 27.2	0.0
SCST	Cishan		iS	Sb	19 29 55.9	-1.4
WSF	baz=262	2.14 256	eP	Pb	19 29 30.0	-1.2
WSF	Szhu		S	Sb	19 29 56.7	-1.0
ICHU	baz=262	2.14 256	eP	Pb	19 29 27.2	0.0
ICHU	Yijiu		iS	Sb	19 29 55.9	-1.4
WSL	baz=254	2.15 260	P	Pn	19 29 29.2	+1.8
WSL	Shuilin Townsh		S	Sb	19 29 56.7	-1.0
TAW	baz=259	2.16 225	eP	Pn	19 29 28.7	+1.3
TAW	Tawu		eS	Sn	19 29 53.2	-0.2
CHN3	baz=235	2.16 248	eP	Pb	19 29 32.8	+1.2
CHN3	Shinhua		iS	Sb	19 29 59.7	+1.8
EAST	baz=247	2.17 226	P	Pn	19 29 27.5	-0.2
EAST	Anshuo		eS	Sn	19 29 54.3	+0.5
MASBT	baz=225	2.17 234	eP	Pn	19 29 29.1	+1.4
MASBT	Mashibuluo		eS	Sn	19 29 53.3	-0.5
TAWH	baz=226	2.18 225	eP	Pn	19 29 27.4	-0.3
TAWH	Dawu Township		eS	Sn	19 29 52.9	-0.9
SHHT	baz=234	2.20 247	P	Pn	19 29 30.2	+2.2
SHHT	Tainan City		S	Sb	19 29 59.3	+0.3
SSHA	baz=246	2.20 250	eS	Sb	19 29 59.0	-0.2
SSHA	Shanhua		eP	Pn	19 29 30.6	+2.5
CHN8	baz=249	2.21 256	eP	Pn	19 29 57.5	-1.8
CHN8	Yiju		iS	Sb	19 29 29.7	+1.4
SGLT	baz=255	2.22 238	eP	Pn	19 30 02.6	+3.0
SGLT	Jiouru		eS	Pn	19 29 30.1	+1.7
TWMT	baz=233	2.22 241	eP	Pn	19 30 02.2	+2.4
TWMT	Shoushan		eS	Sb	19 29 30.9	+1.9
SCLT	baz=240	2.27 252	P	Pn	19 29 39.9	+1.9
SCLT	Jiali		iS	Sb	19 29 59.5	-1.6
SNJT	baz=251	2.33 241	eP	Pb	19 29 33.8	-0.7
SNJT	Kaoshiung City		eP	Pb	19 29 33.0	-1.6
SCZT	baz=239	2.33 230	eP	Pb	19 29 59.2	+1.5
SCZT	Fangliu		eS	Sn	19 29 33.7	-1.6
TSCK	baz=221	2.37 252	eP	Pb	19 30 01.6	+2.9
TSCK	Chigu Township		S	Sn	19 29 31.6	+2.9
SMST	baz=251	2.45 220	eP	Pn	19 29 33.2	+1.8
SMST	Manzhou Townsh		eS	Sn	19 30 00.4	0.0
SMST	baz=220		eS	Sn	19 29 33.8	+1.4
HEN	baz=220	2.52 222	P	Pn	19 30 03.2	+1.0
HEN	Hengchun		eS	Sn	19 29 34.1	+1.7
TWKBT	baz=221	2.52 219	eP	Pn	19 29 34.3	+1.8
TWKBT	Hengchun		eS	Sn	19 29 34.3	+1.8
TWKBT	baz=219		iS	Sn	19 29 30.7	+1.3
TWK1	baz=219	2.72 257	P	Pn	19 29 36.7	+1.5
TWK1	Dungji		eS	Sn	19 29 37.9	+0.7
WDGT	baz=256	2.75 262	P	Pn	19 29 37.1	+1.6
WDGT	PHUB		S	Sn	19 30 08.7	+0.8
PHUB	baz=277	2.75 264	P	Pn	19 29 37.1	+1.6
PHUB	Penghu		iS	Sn	19 29 38.9	+0.8
VCHM	baz=263	2.94 257	P	Pn	19 29 39.2	+1.0
VCHM	Gimei		eS	Sn	19 30 12.8	+0.3
MATB	baz=256	3.25 314	iP	Pn	19 29 43.9	+1.5
MATB	Ma-tsu		eP	Pb	19 30 21.3	-0.6
PTMZ	baz=300	3.31 291	eS	Pn	19 29 48.0	+0.2
PTMZ	Houxiangcun		eS	Sn	19 30 29.6	-0.4
LYJJ	baz=304	3.64 317	eP	Pn	19 29 48.4	-0.1
LYJJ	Jianjiangzhen		eS	Sn	19 29 48.4	-0.1
XPSS	baz=304	3.68 325	eP	Pn	19 30 31.2	+0.1
XPSS	Dashiqi		eS	Sn	19 30 52.1	+2.3
KNM	baz=325	3.78 279	eP	Pn	19 30 36.1	+2.6
KNM	Kinmen		eS	Sn	19 29 50.5	+0.1
KNMB	baz=277	3.83 279	eP	Pn	19 30 33.6	-1.1
KNMB	Chin-men Tao		eS	Sn	19 29 49.6	-1.3
MHZO	baz=278	3.86 305	eP	Pn	19 30 34.9	-0.5
MHZO	Yeshan		eS	Sn	19 30 02.6	+4.5
ZPLA	baz=304	4.38 271	eP	Pn	19 30 49.6	+1.3
ZPLA	Ao Xicun		eS	Sn	19 30 54.8	-1.0
DSXP	baz=270	4.69 269	P	Pn	19 30 07.4	-0.3
DSXP	Dongshan		eS	Sn	19 32 19.7	-0.9
SXFK	baz=267	5.08 300	eP	Pn	19 38 06.0	
SXFK	Yanhouchang		LR	LR	19 34 33.6	-0.5
KSRK	baz=287	14.27 18	P	Pn	19 46 56.8	
KSRK	Korea Array		LR	LR		
SONM	comp=Z,39nm,18.8s,ba	27.12 336	P	Pn	19 30 26.4	-0.3
SONM	Songino Array		LR	LR		
SONM	comp=Z,28nm,19.8s,ba	45.08 164	P	Pn	19 37 08.3	+1.1
SONM	Makanchi Array		LR	LR		
WRA	comp=Z,39nm,18.8s,ba	48.56 166	P	Pn	19 37 36.3	+1.8
WRA	Waramunga Arr		LR	LR		
ASAR	comp=Z,39nm,18.8s,ba	48.56 166	P	Pn	19 37 36.3	+1.8
ASAR	Alice Springs		LR	LR		
BVAR	comp=Z,39nm,18.8s,ba	48.67 321	P	Pn	19 40 16.0	-0.2
BVAR	Borovoye Array		LR	LR		
FINES	comp=Z,39nm,18.8s,ba	82.74 23	P	Pn	19 41 13.8	-0.6
FINES	FINES Array B		LR	LR		
YKA	comp=Z,39nm,18.8s,ba	82.74 23	P	Pn		
YKA	Yellowknife Ar		LR	LR		

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TIR 09 19:31:33.8, 39:82N-20:67E, h2km, 3km, Md2, 7, MI, 1.9
 ATH 09 19:31:34.2, 39:84N-20:59E, h14km, 1km, ML2, 0/4, Error ellipse: s-maj=2.6km s-min=1.4km az=136.0
 ISC 09 19:31:34.6-1.0, 39:82N-20:64E, h14km, 8km, n15, c0:92/22, Greece-Albania border region

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
					h m s	ISC	
JAN	Janina	0.23 135	P	P	Pn	19 31 40.5	+0.9
JAN			S	S	Pg	19 31 44.0	+0.8
JAN			AML	AML	Pg	19 31	

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like L14K, M14K, H17K, etc.

MOS 09 19:49:56.9±1.2, 5.73S, 151.85E, h10km, mb5.1/30, MS4.6/4, Error ellipse: s-maj=10.3km s-min=6.9km az=105.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H40PG, BULU, RABL, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like KOUNC, EIDS, FAKI, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like MBWA, PSA00, MYLDM, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like SOEI, FITZ, MBWA, PSA00, etc.

NEIC 09 20:59:44.1±1.4, 2.0:5S:0.1x178:3W:0.1, h553km±6km, mb4.3/26, Error ellipse: s-maj=22.2km s-min=10.2km az=170.0

IDC 09 20:59:46.8±2.8, 2.0:28S:178:63W, h572km, 30km, mb3.4/7, mbmp4.3/8, Error ellipse: s-maj=21.2km s-min=16.5km az=170.0

ISC 09 20:59:44.0±0.6, 2.0:49S:0.09:178:40W, h550km, n47, c1508/48, mb4.2/20, Fijii Islands region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like MSVF, AFAT, PINNC, DZM, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like O14K, O16K, N15K, etc.

ISK 09 20:59:56.4, 42:43N, 29:68E, h5km, ML2.7/12 AFAD 09 20:59:58.4, 0.0, 42:45N, 30:12E, h6km, 3km, ML2.6 ISC 09 20:59:54.1, 1.2, 42:55N, 0:03, 29:84E, 0:03, h15km±10km, n54, c213/71, 13C-14Z, Black Sea

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like SHAB, SILT, KLYT, etc.

TAP 09 21:00:25.4, 24:89N, 122:41E, h9km, ML2.4, C JMA 09 21:00:25.1±0.3, 25°N±2°E×122:4E±0:5, h6km, MV2.7/7, NW OFF ISHIGAKUJIMA IS

ISC 09 21:00:25.0±1.1, 24:90N, 0:03, 122:44E, 0:02, h11km±9km, n59, c0545/113, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like TWB1, TWB1, EGS, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like WFSB, E053, E053, etc.

9d 21h

F24K	Squaw Lake	41.52	32	P	P	21 53 28.4	0.0
KNK	Knik Glacier	41.57	41	P	Iamb	21 53 29.1	+0.2
KNK	Knik Glacier	41.57	41	P	Iamb	21 53 27.8	-1.1
COLA	College	41.58	36	i P	P	21 53 28.1	-0.8
SML	Sawmill	41.59	41	P	P	21 53 29.7	+0.6
SML	Sawmill	41.59	41	P	P	21 53 27.6	-1.5
CCB	Clear Creek Bu	41.61	36	P	Iamb	21 53 29.3	+0.2
POKR	Poker Plat Res	41.75	36	P	P	21 53 31.3	+1.1
POKR	Poker Plat Res	41.75	36	P	P	21 53 29.7	-0.6
WAT6	Susitna Watana	41.79	40	P	P	21 53 30.7	-0.1
M23K	Glacier View	41.88	41	P	P	21 53 30.7	-0.7
D30Y	Denali Highway	41.91	39	P	P	21 53 30.8	-1.0
HDA	Harding Lake	42.00	37	P	P	21 53 31.2	-1.1
ILAR	Eielson Array	42.00	36	P	P	21 53 32.5	+0.1
ILAR	Eielson Array	42.00	36	P	P	21 53 32.6	+0.3
SCM	Sheep Creek Mo	42.06	41	P	Iamb	21 53 33.5	+0.6
SCM	Sheep Creek Mo	42.06	41	P	P	21 53 32.2	-0.7
SCM	Sheep Creek Mo	42.06	41	P	P	21 53 33.5	+0.6
D25K	Kavik River	42.10	29	P	P	21 53 32.9	-0.3
GL5K	Glacier Island	42.29	42	P	P	21 53 34.0	-0.7
F25K	Christian River	42.38	32	P	P	21 53 34.8	-0.6
E25K	Arctic Village	42.39	31	P	P	21 53 35.0	-0.5
PRP	Porcupine Dome	42.52	35	P	Iamb	21 53 37.0	+0.3
PRP	Porcupine Dome	42.52	35	P	P	21 53 35.6	-1.1
K24K	Donnelly Dome	42.56	38	P	P	21 53 36.2	-0.7
M24K	Tolsona, Glenn	42.57	40	P	P	21 53 36.1	-1.0
C26K	Camden Bay	42.62	28	P	P	21 53 36.5	-0.7
J25K	Salcha River,	42.66	36	P	P	21 53 36.5	-1.3
KLU	Klutina	42.77	41	P	Iamb	21 53 39.4	+0.7
KLU	Klutina	42.77	41	P	Iamb	21 53 37.3	-1.3
PAX	Paxson	42.79	39	P	P	21 53 37.9	-1.0
MAX	Burnt Mountain	42.79	32	P	P	21 53 39.2	+0.5
F26K	Sheenjek River	42.95	32	P	P	21 53 39.4	-0.6
EYAK	Cordova Ski Ar	42.99	42	P	P	21 53 39.6	-0.7
HARP	HAARP	43.00	40	P	P	21 53 39.1	-1.4
C27K	Jago River	43.04	29	P	P	21 53 39.9	-0.8
G26K	Porcupine River	43.13	33	P	P	21 53 40.8	-0.6
SCRK	Sand Creek	43.33	37	P	P	21 53 42.8	-0.5
N25K	Chitina, Valde	43.38	41	P	P	21 53 42.9	-0.7
J26K	Joseph Creek	43.45	36	P	P	21 53 43.6	-0.5
BMRM	Bremner River	43.48	42	P	P	21 53 43.5	-0.9
I26K	Coal Creek Min	43.53	35	P	P	21 53 43.5	-1.2
L26K	Log Cabin Wild	43.74	39	P	P	21 53 46.1	-0.4
GLB	Gilghina Butte	43.78	41	P	P	21 53 47.8	+1.0
MK31	Makanchi Array	43.78	297	P	Iamb	21 53 46.8	-0.2
MK31	Makanchi Array	43.78	297	P	Iamb	21 53 47.3	
MK31	Makanchi Array	43.78	297	P	Iamb	21 53 46.7	-0.2
MK31	Makanchi Array	43.78	297	P	Iamb	21 53 46.8	-0.2
E27K	Coleen River	43.88	31	P	P	21 53 46.8	-0.6
G27K	Doyon Strip	43.98	33	P	P	21 53 47.9	-0.4
MAK2	Makanchi	43.98	297	P	Iamb	21 53 48.4	-0.1
MAK2	Makanchi	43.98	297	P	Iamb	21 53 48.9	
MAK2	Makanchi	43.98	297	P	P	21 53 48.4	-0.1
VRDI	Verde Repeater	43.98	41	P	P	21 53 49.8	+1.2
M26K	Nabesna, AK	44.00	39	P	P	21 53 47.0	-1.5
D27M	Malcolm River	44.02	29	P	P	21 53 49.5	+0.8
H27K	Steamboat Moun	44.09	34	P	P	21 53 50.4	+1.1
I27K	Kandik River	44.13	35	P	P	21 53 50.2	+0.7
K27K	Chicken Creek	44.16	37	P	P	21 53 50.3	+0.6
MCARA	McCarthy VSAT	44.16	41	P	P	21 53 50.2	+0.4
BGL0	Bering Glacier	44.27	43	P	P	21 53 49.8	-0.9
L27K	Beaver Creek	44.42	38	P	P	21 53 52.8	+1.0
BCAR	Beaver Creek A	44.44	38	P	P	21 53 53.3	+1.3
EGAK	Eagle	44.44	36	P	Iamb	21 53 52.1	+0.2
EGAK	Eagle	44.44	36	P	P	21 53 52.4	+0.4
CRAI	Chiangrai	44.49	253	P	P	21 53 53.4	+0.5
M27K	Edge Creek, AK	44.52	39	P	P	21 53 53.5	+0.7
UBPT	Khong Chiam	44.55	243	P	Iamb	21 53 54.0	+0.6
F28M	Old Crow	44.58	32	P	P	21 53 53.9	+0.8
E28M	Babbage River	44.60	30	P	P	21 53 53.7	+0.5
KURK	Kurchatov	44.78	304	P	Iamb	21 53 54.5	-0.4
KURK	Kurchatov	44.78	304	eP	P	21 53 54.4	-0.4
KURK	Kurchatov	44.78	304	eP	P	21 53 54.4	-0.4
I28M	Miner Creek	44.85	35	P	P	21 53 56.4	+1.1
KURB	Kurchatov Arra	44.86	304	P	P	21 53 55.1	-0.3
BARN	Barnard Glacie	44.87	41	P	Iamb	21 53 56.0	+0.3
BARN	Barnard Glacie	44.87	41	P	Iamb	21 53 57.8	
CTG	Chitna Glacier	45.04	41	P	P	21 53 57.9	+0.9
E29M	Blow River	45.22	30	P	P	21 53 58.8	+0.8
YUK3	Moose Creek	45.29	40	P	P	21 53 59.6	+0.6
LSA	Lhasa	45.30	271	P	P	21 54 00.0	+0.2
LSA	Lhasa	45.30	271	eP	P	21 54 00.0	+0.2

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LSA	Lhasa	45.30	271	P	P	21 54 00.0	+0.2
DAWY	Dawson	45.31	37	P	P	21 53 59.6	+0.7
DAWY	Dawson	45.31	37	P	P	21 53 59.8	+0.8
H29M	Whitestone	45.36	34	P	P	21 53 60.0	+0.7
G29M	Pine Creek	45.39	33	P	P	21 54 00.2	+0.7
I29M	Ogilvie Camp,	45.54	35	P	P	21 54 01.6	+1.0
O28M	Mount Upton	45.63	41	P	P	21 54 02.1	+0.3
YUK8	Steele Glacier	45.72	41	P	P	21 54 03.0	+0.6
PHRA	Phrae	45.76	251	P	P	21 54 03.7	+0.7
EPYK	Eagle Plains	45.99	33	P	P	21 54 05.4	+1.1
M29M	Somme Creek	46.06	39	P	P	21 54 05.1	+0.2
L29M	L29M	46.06	38	P	P	21 54 05.4	+0.6
G30M	Loah Zraii Nji	46.08	32	P	P	21 54 05.0	+0.1
F30M	Barrier River	46.13	31	P	P	21 54 05.6	+0.4
K29M	Barlow Dome	46.17	37	P	P	21 54 06.0	+0.3
YUK4	Talbot Arm	46.23	40	P	P	21 54 06.6	+0.3
I30M	Mount Dempster	46.36	35	P	P	21 54 06.9	-0.4
CHTO	Chiang Mai	46.43	253	P	Iamb	21 54 08.9	+0.7
CHTO	Chiang Mai	46.43	253	P	Iamb	21 54 24.6	
CHTO	Chiang Mai	46.43	253	P	P	21 54 09.0	+0.7
YUK6	Outpost Mounta	46.46	41	P	P	21 54 08.0	-0.2
J30M	Hart River	46.52	36	P	P	21 54 08.2	-0.3
CMAR	Chiang Mai Arr	46.68	253	P	P	21 54 11.0	+0.9
CMAR	Chiang Mai Arr	46.68	253	P	P	22 17 35.6	
CMAR	Chiang Mai Arr	46.68	253	i P	P	21 54 11.5	+1.4
M30M	Minto, Yukon	46.78	38	P	P	21 54 10.4	-0.1
INK	Inuvik	46.83	30	P	Iamb	21 54 10.5	-0.2
INK	Inuvik	46.83	30	P	Iamb	21 54 12.0	
INK	Inuvik	46.83	30	P	P	21 54 10.8	+0.1
INK	Inuvik	46.83	30	LR	LR	22 16 31.2	
INK	Inuvik	46.83	30	P	P	21 54 10.5	-0.2
G31M	Satah River	46.84	32	P	P	21 54 10.8	+0.1
HYT	Haines Junctio	46.90	41	P	P	21 54 13.7	+2.2
HYT	Haines Junctio	46.90	41	P	P	21 54 11.7	+0.3
N30M	Aishikik Lake	46.93	40	P	P	21 54 12.1	+0.4
F31M	Tsiigehtich	46.93	31	P	P	21 54 10.9	-0.6
H31M	Peel River	47.06	34	P	P	21 54 11.7	-0.8
P29M	Windy Craggy	47.11	42	P	P	21 54 13.5	+0.5
SHL	Shillong	47.15	266	P	Iamb	21 54 13.7	-0.2
SHL	Shillong	47.15	266	P	Iamb	21 54 14.9	
SHL	Shillong	47.15	266	P	P	21 54 13.7	-0.2
P30M	Million Dollar	47.35	42	P	P	21 54 14.9	0.0
N31M	Braeburn, Yuko	47.52	40	P	P	21 54 16.0	-0.2
O30M	Mendenhall	47.58	41	P	P	21 54 17.0	+0.3
PLBC	Pleasant Camp	47.83	42	P	P	21 54 18.7	+0.2
M31M	Drury Creek, Y	47.96	38	P	P	21 54 19.5	-0.1
PRZ	Przheval'sk	48.03	293	P	P	21 54 21.2	+0.6
PRZ	Przheval'sk	48.03	293	P	P	21 54 21.2	+0.6
WHY	Whitehorse	48.18	40	P	P	21 54 21.5	+0.1
A36M	Sachs Harbour	48.72	24	P	P	21 54 26.0	+0.8
TARG	Taragay, Kyrgy	48.76	293	P	Iamb	21 54 26.9	+0.4
TARG	Taragay, Kyrgy	48.76	293	P	Iamb	21 54 28.9	
TARG	Taragay, Kyrgy	48.76	293	P	P	21 54 26.9	+0.4
BVAR	Booms koye usch	48.80	309	P	P	21 54 26.1	0.0
BVAR	Booms koye usch	48.80	309	P	P	21 55 50.1	+0.6
BVAR	Booms koye usch	48.80	309	P	P	22 15 40.1	
BRVK	Borovoye	48.85	309	P	Iamb	21 54 26.6	+0.1
BRVK	Borovoye	48.85	309	P	Iamb	21 54 31.7	
BRVK	Borovoye	48.85	309	i P	P	21 54 25.1	-1.4
N32M	Quiet Lake	48.87	39	P	P	21 54 26.6	0.0
R32K	Atlin	49.07	42	P	P	21 54 28.8	+0.7
SIT	Sitka	49.12	45	P	P	21 54 29.2	+0.8
MMPY	Sheldon Lake,	49.22	37	P	P	21 54 29.6	+0.3
P33M	Teslin, Yukon	49.29	41	P	P	21 54 30.8	+1.0
S32K	Killinooy	49.36	44	P	P	21 54 30.6	+0.3
BOOM	Booms koye usch	49.66	294	P	P	21 54 33.4	+0.4
BOOM	Booms koye usch	49.66	294	P	P	21 54 33.4	+0.4
C36M	Paulatuk	49.88	28	P	P	21 54 34.1	+0.1
R33M	Jennings River	50.45	41	P	P	21 54 39.5	+0.8
AAK	Ala-Archa	50.54	295	P	Iamb	21 54 39.7	0.0
AAK	Ala-Archa	50.54	295	P	Iamb	21 54 41.5	
AAK	Ala-Archa	50.54	295	eP	P	21 54 40.0	+0.3
AAK	Ala-Archa	50.54	295	eP	P	21 54 39.7	0.0
AAK	Ala-Archa	50.54	295	P	P	21 54 39.7	0.0
U33K	Whale Pass	50.59	46	P	P	21 54 40.1	+0.5
CRAG	Craig	50.84	46	P	P	21 54 42.2	+0.7
S34M	Telegraph Cree	50.92	43	P	P	21 54 43.6	+1.5
DLBC	Dease Lake	51.26	42	P	P	21 54 45.6	+0.8
T35M	Bob Quinn	51.72	44	P	P	21 54 48.7	+0.5
KK31	Karatay Array	52.91	297	P	P	21 54 57.1	0.0
KK31	Karatay Array	52.91	297	P	P	21 54 57.1	0.0
KKAR	Karatay Array	52.91	297	P	P	21 54 56.8	-0.3
KKAR	Karatay Array	52.91	297	P	P	21 54 56.8	-0.3

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ARU	Arti	53.72	316	P	P	21 55 02.5	-0.3
BTK	Batken	54.21	294	P	Iamb	21 55 07.3	+0.6
BTK	Batken	54.21	294	P	Iamb	21 55 08.5	
SPITS	Spitsbergen Ar	54.59	349	P	P	21 55 08.9	+0.1
KULM	Kulim	55.19	239	P	P	21 55 15.1	+1.1
HILB	Hilbert	55.66	50	P	P	21 55 17.5	+0.5
SIMJ	Simiganj	56.13	28				

MBAR	Mbarara	19.30 309	P	P	22 41 00.8 +0.3
MBAR	Mbarara	19.30 309	P	P	22 41 02.6 +2.1
comp=Z,64nm,0.9s					
LODK	Lodwar	19.33 327	P	P	22 41 00.1 -0.6
LODK	Lodwar	19.33 327	eP	P	22 40 59.1 -1.7
WTBG	Waterberg Wild	19.34 233	eP	P	22 40 59.4 -1.5
CRLN	Carolina, Mapu	19.51 227	eP	Pn	22 41 04.9 +0.8
LEPH	Lephale, Limp	20.17 235	eP	P	22 41 07.2 -1.1
RUST	Rust De Winter	20.17 231	eP	P	22 41 08.8 -1.1
MTLB	Matlabas, Limp	20.59 326	eP	P	22 41 13.3 -1.1
TSWA	Tswaing Meteor	20.61 231	eP	P	22 41 13.3 -1.4
NWCL	Newcastle	20.72 223	eP	P	22 41 15.6 -0.3
NHAM	Norham, North	20.92 233	eP	P	22 41 17.9 -0.2
NYAT	Nyati, Northwe	20.97 232	eP	P	22 41 17.7 -0.6
PRYS	Parys	21.98 228	eP	P	22 41 28.6 -0.9
PRYS			Iamb	Iamb	22 41 39.6
comp=Z,26nm,0.9s					
LBTB	Lotbatse	22.33 235	P	P	22 41 30.6 -2.6
LBTB			Iamb	Iamb	22 41 36.3
comp=Z,58nm,1.4s					
LBTB	Lotbatse	22.33 235	eP	P	22 41 31.9 -1.3
LBTB			Iamb	Iamb	22 41 36.5
comp=Z,1µm,3.8s					
LBTB	Lotbatse	22.33 235	P	P	22 41 32.9 -0.3
comp=Z,1.7nm,1.0s,baz=61,slow=11,SNR=11					
LBTB			LR	LR	22 50 38.8
comp=Z,2µm,18.3s,baz=57,slow=38					
comp=Z,7nm,1.0s					
LBTB	Lotbatse	22.33 235	iP	P	22 41 33.2
LBTB	Lotbatse	22.33 235	iP	P	22 41 33.2
SNKL	Senekal, Frees	22.50 225	eP	P	22 41 35.0 0.0
SNKL			Iamb	Iamb	22 41 41.4
comp=Z,134nm,1.6s					
FURI	Furi	22.92 342	P	P	22 41 38.1 -1.6
BOSA	Boshof	24.48 228	P	P	22 41 53.8 -0.8
BOSA			Iamb	Iamb	22 42 06.4
comp=Z,41nm,1.4s					
BOSA	Boshof	24.48 228	eP	P	22 41 54.1 -0.5
BOSA			Iamb	Iamb	22 42 15.3
comp=Z,30nm,1.2s					
BOSA	Boshof	24.48 228	P	P	22 41 54.2 -0.3
BOSA			LR	LR	22 52 16.1
comp=Z,4.8nm,0.5s,baz=55,slow=10,SNR=20					
BOSA			LR	LR	22 52 16.1
comp=Z,1µm,18.3s,baz=52,slow=38					
BOSA	Boshof	24.48 228	iP	P	22 41 54.6 0.0
BOSA	Boshof	24.48 228	iP	P	22 41 54.6 0.0
ATD	Arta Tunnel	24.62 353	P	P	22 41 53.0 -2.8
ATD			Iamb	Iamb	22 42 08.3
comp=Z,39nm,1.2s					
ATD	Arta Tunnel	24.62 353	LR	LR	22 50 29.3
comp=Z,8.1nm,20.0s,baz=173,slow=34					
TSUM	Tsumeb	27.62 254	LR	LR	22 52 38.4
comp=Z,466nm,18.8s,baz=80,slow=35					
SUR	Sutherland	29.77 226	P	P	22 42 42.3 +0.1
SUR	Sutherland	29.77 226	LR	LR	22 55 36.0
comp=Z,672nm,18.6s,baz=58,slow=38					
RAYN	Ar Rayn	36.39 360	P	P	22 43 36.9 -2.8
WSAR	Wadi Sarin	38.27 19	LR	LR	22 56 39.9
comp=Z,603nm,19.7s,baz=120,slow=32					
UOSS	UOSS	39.18 15	P	P	22 44 00.7 -2.6
UOSS			Iamb	Iamb	22 44 07.1
comp=Z,20nm,1.2s					
EIL	Eilat	43.75 346	LR	LR	23 01 25.1
comp=Z,183nm,20.2s,baz=222,slow=34					
BALJ	Balqa	45.94 348	P	P	22 44 56.8 -1.4
BALJ			Iamb	Iamb	22 45 08.5
comp=Z,9.9nm,1.1s					
MMAI	Mount Meron Ar	46.88 348	LR	LR	23 03 30.5
comp=Z,202nm,20.6s,baz=118,slow=34					
HRA	Herat	49.78 18	P	P	22 45 26.4 -1.9
HRA			Iamb	Iamb	22 45 31.0
comp=Z,7.1nm,0.8s					
GAZ	Gaziantep	50.62 351	P	P	22 45 34.0 -0.4
GAZ			Iamb	Iamb	22 45 45.5
comp=Z,1.1nm,1.1s					
TORD	Torodi Ar. Bea	50.78 299	P	P	22 45 34.9 -1.0
TORD	Torodi Ar. Bea	50.78 299	P	P	22 45 36.5 +0.6
comp=Z,2.7nm,1.0s,baz=86,slow=5.8,SNR=7.8					
TORD			LR	LR	23 08 09.9
comp=Z,539nm,18.2s,baz=124,slow=37					
comp=Z,2.7nm,1.0s					
GURO	Guromay-BITLI	51.48 356	P	P	22 45 39.9 -1.0
GEYT	Alibeck	52.08 12	P	P	22 45 45.2 0.0
GEYT			Iamb	Iamb	22 45 58.3
comp=Z,21nm,1.4s					
GEYT	Alibeck	52.08 12	P	P	22 45 46.4 +1.1
GEYT			LR	LR	23 06 40.2
comp=Z,209nm,21.2s,baz=189,slow=35					
GYA0B	ALIBECK ARRAY	52.08 12	P	P	22 45 44.9 -0.3
GYA0B			Iamb	Iamb	22 45 58.3
comp=Z,21nm,1.4s					
KBL	Kabul	52.32 24	P	P	22 45 47.0 -0.4
BNN	Bunyan	52.48 350	P	P	22 45 48.2 -0.1
BNN			Iamb	Iamb	22 45 59.0
comp=Z,21nm,1.1s					
GNI	Garni	52.97 359	P	P	22 45 52.4 +0.4
GNI			Iamb	Iamb	22 46 05.4
comp=Z,15nm,1.1s					
GNI	Garni	52.97 359	LR	LR	23 09 35.3
comp=Z,229nm,20.4s,baz=164,slow=37					
TAM	Tamarasat	53.08 312	P	P	22 45 52.9 -0.2
BR104	Keskin Array S	53.70 349	P	P	22 45 59.6 +2.3
comp=Z,4.4nm,1.1s					
BR105	Keskin Array S	53.72 348	P	P	22 45 58.5 +1.0
comp=Z,5.1nm,1.0s,comp=Z,42nm					
BR131	Keskin Array S	53.72 349	P	P	22 45 57.2 -0.3
BR131			Iamb	Iamb	22 46 10.3
comp=Z,12nm,1.4s					
BRTR	Keskin Array B	53.72 349	P	P	22 45 57.3 -0.3
BRTR	Keskin Array B	53.72 349	P	P	22 45 58.5 +1.0
comp=Z,2.4nm,0.9s,baz=172,slow=6.2,SNR=13					
BRTR			LR	LR	23 09 13.3
comp=Z,193nm,19.0s,baz=158,slow=36					
BR106	Keskin Array S	53.73 348	P	P	22 45 59.3 +1.7
comp=Z,3.7nm,1.1s,comp=Z,35nm					
DBIC	Dimbokro	53.88 288	LR	LR	23 07 16.9
comp=Z,314nm,20.9s,baz=106,slow=34					
ONI	Oni	55.44 358	P	P	22 46 09.5 -0.4
ONI			Iamb	Iamb	22 46 06.0
comp=Z,22nm,1.8s					
SIMJ	Simiganj	55.92 22	P	P	22 46 13.0 -0.4
SIMJ			Iamb	Iamb	22 46 32.8
comp=Z,16nm,1.0s					
CHGR	Chuyangaron	55.97 22	P	P	22 46 13.0 -0.7
AGG	Agios Georgios	56.23 338	P	P	22 46 15.6 +0.1
AGG			Iamb	Iamb	22 46 23.9
comp=Z,16nm,1.0s					
KBZ	Khabaz	56.60 358	P	P	22 46 19.4 +1.4
KBZ			LR	LR	23 12 11.6
comp=Z,388nm,19.2s,baz=150,slow=38					
comp=Z,1.7nm,0.5s					
GAR	Garm	56.71 23	P	P	22 46 18.7 -0.3
KIV	Kislovodsk	56.84 357	iP	P	22 46 24.0 +4.2
KIV	Kislovodsk	56.84 357	P	P	22 46 19.7 -0.1
KIV	Kislovodsk	56.84 357	P	P	22 46 21.0 +1.2
comp=Z,11nm,1.2s					
BTK	Batken	57.82 23	P	P	22 46 26.4 -0.4
BTK			Iamb	Iamb	22 46 33.6
comp=Z,27nm,1.9s					
VAE	Valguarnera	58.24 331	LR	LR	23 12 32.8
comp=Z,477nm,18.6s,baz=120,slow=37					
SHL	Shillong	59.19 49	P	P	22 46 36.2 -0.6
KSH	Kashi	59.47 27	P	P	22 46 37.0 -1.4
KSH			LR	LR	
comp=Z,220nm,14.7s					
KSH			LR	LR	
comp=Z,160nm,11.2s					
KSH			LR	LR	
comp=Z,330nm,18.2s					
KEST	Kesra	59.47 326	P	P	22 46 40.5 +2.0
comp=Z,4.7nm,1.1s,baz=120,slow=20,SNR=3.7					
KEST			LR	LR	23 11 33.6
comp=Z,1.65nm,21.3s,baz=122,slow=35					
comp=Z,1.7nm,1.1s					
ARSB	Arsiabob	59.74 24	P	P	22 46 39.7 -0.6
CFR	Carcaliu	60.13 346	iP	P	22 46 43.0 +0.4
ELIB	Princess Elisa	60.34 188	eP	P	22 46 45.9 +1.9
KK31	Katzenberg	60.38 21	P	P	22 46 44.1 -0.4
KK31			Iamb	Iamb	22 46 59.2

KKAR	Karatay Array	60.38 21	P	P	22 46 44.1 -0.3
KKAR			Iamb	Iamb	22 46 59.2
comp=Z,7.8nm,1.1s					
KKAR	Karatay Array	60.38 21	P	P	22 46 44.2 -0.2
MLR	Muntele Rosu	60.97 344	LR	LR	23 14 43.7
comp=Z,119nm,19.4s,baz=148,slow=38					
VRI	Vrincioiaia	61.12 345	iP	P	22 46 51.2 +1.8
VLOIR	Plostina	61.12 345	iP	P	22 46 51.2 +1.7
VOIR		61.16 344	iP	P	22 46 50.7 +0.9
VOIR		61.16 344	P	P	22 46 50.5 +0.7
comp=Z,5.4nm,1.0s					
CM31	Chiang Mai Arr	61.18 60	P	P	22 46 50.0 -0.4
CM31			Iamb	Iamb	22 46 51.6
comp=Z,16nm,1.2s					
CMAR	Chiang Mai Arr	61.18 60	P	P	22 46 49.7 -0.7
CMAR	Chiang Mai Arr	61.18 60	P	P	22 46 50.8 +0.4
comp=Z,4.4nm,0.9s,baz=248,slow=7.9,SNR=14					
CHTO	Chiang Mai	61.34 60	P	P	22 46 51.5 +0.1
HERR	Herculiane	61.43 341	iP	P	22 46 53.8 +2.3
AAK	Ala-Archa	61.45 24	P	P	22 46 51.5 -0.4
AAK			Iamb	Iamb	22 47 10.2
comp=Z,8.6nm,1.4s					
AAK	Ala-Archa	61.45 24	LR	LR	23 11 11.7
comp=Z,123nm,21.0s,baz=222,slow=34					
GZR	Gura Zlata	61.78 342	iP	P	22 46 54.8 +0.8
BOOM	Boomsoko usch	61.91 25	P	P	22 46 54.7 -0.3
PHIA	Phia	62.29 61	P	P	22 46 57.8 -0.1
SURR	Surr	62.31 302	iP	P	22 47 03.7 +3.7
BZS	Buzias	62.34 341	iP	P	22 46 57.6 0.0
MARR	Marisel-Cluj	62.84 343	iP	P	22 47 02.2 +1.1
SORM	Soroca	62.87 347	iP	P	22 47 03.1 +2.0
ARCR	ARCALLIA	62.87 344	iP	P	22 47 02.9 +1.7
BUAR	Bucovina Array	63.13 345	iP	P	22 47 03.9 +0.9
BUCAR	Bucovina Array	63.13 345	iP	P	22 47 03.2 +0.2
BUR08	Bucovina Ar. S	63.16 345	P	P	22 47 03.9 +0.7
BUR08			Iamb	Iamb	22 47 12.9
comp=Z,8.3nm,1.4s					
CRAI	Chiargrai	63.18 59	P	P	22 47 03.1 -0.7
CRAI			Iamb	Iamb	22 47 08.1
comp=Z,1.1nm,1.0s					
ABKAR	Akbulak array	63.34 10	P	P	22 47 03.8 -0.5
ABKAR	Akbulak array	63.34 10	P	P	22 47 04.0 -0.2
KMPD	K-Podolskiy	63.70 346	P	P	22 47 07.3 +0.5
KMPD			iP	iP	22 47 07.3 +0.5
MORH	Mrgy, Hungar	63.85 339	iP	P	22 47 08.6 +1.0
MORH	Mrgy, Hungar	63.85 339	P	P	22 47 08.2 +0.6
comp=Z,8.7nm,1.1s					
TNCH	TengChong	63.96 54	eP	Pmax	22 47 09.8 +0.7
TNCH			Pmax	Pmax	
comp=Z,26nm,1.0s					
AKTO	Aktyubinsk	64.17 9	LR	LR	23 14 59.1
comp=Z,270nm,21.7s,baz=202,slow=36					
TROLL	Troll, Antari	64.22 194	iP	P	22 47 12.2 +2.3
comp=Z,16nm,0.2s					
LUBAR	Lubar, Ukraine	64.69 347	P	P	22 47 15.0 +2.0
PSZ	Piszkesteto	64.93 341	iP	P	22 47 18.3 +3.5
PSZ	Piszkesteto	64.93 341	P	P	22 47 14.5 -0.3
PSZ			Iamb	Iamb	22 47 23.6
comp=Z,5.5nm,1.1s					
AKASG	Malin Array B	65.13 349	P	P	22 47 17.6 +1.7
AKASG			LR	LR	23 16 55.8
comp=Z,7.4nm,19.3s,baz=170,slow=37					
AKASG			LR	LR	23 16 55.8
comp=Z,0.6nm,0.5s					
AKKB	Malin Array Si	65.13 349	P	P	22 47 15.8 -0.1
AKKB			Iamb	Iamb	22 47 53.5
comp=Z,6.7nm,1.2s					
KOLS	Kolonice sedl	65.13 343	eP	P	22 47 20.0 +4.0
BELG	Belgomye	65.24 1	LR	LR	23 18 09.9
comp=Z,182nm,19.6s,baz=182,slow=38					
SNAI	Sanae	65.31 195	iP	P	22 47 17.7 +0.8
SNAI			P	P	22 47 17.7 +0.8
comp=Z,1.3nm,1.0s,baz=78,slow=9.3,SNR=1.7					
SNAI			LR	LR	23 11 35.2
comp=Z,202nm,19.4s,baz=107,slow=32					
SRO	Srobarova	65.35 340	P	P	22 47 21.8 +4.4
SOKA	Soboth	65.54 337	eP	P	22 47 21.5 +2.7
comp=Z,4.6nm,1.2s					
OBKA	Obir	65.58 337	eP	P	22 47 21.0 +2.0
comp=Z,3.7nm,1.0s					
VYHS	Vyhne	65.77 341	eP	P	22 47 22.4 +2.2
ARSA	Arzberg	65.84 338	eP	P	22 47 21.5 +0.8
comp=Z,0.9nm,0.3s					
STHS	Stebnicka Huta	65.86 343	eP	P	22 47 22.7 +2.0
PRED	Cave del Predis	65.91 336	P	P	22 47 21.6 +0.4
PRED			Iamb		

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC comp=Z,9.0nm,0.6s, HHC comp=Z,110nm,4.5s, etc.

UCR 09 22:37:09.0, 1.7, 11.50N, 86.36W, h15km, 20km, MW3.5
CATAC 09 22:37:10.0, 0.3, 11.42N, 86.38W, h37km, 4km, ML3.7
ISC 09 22:37:10.2, 1.4, 11.40N, 86.42W, 0.04, h23km, 15km, n55, e097778, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NADN Granada, CRUN El Crucero, MASN Masaya, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LEVN Ruinas Leon Vi, MOM2 El Cardon, CNGA Ai SSO del Vol, etc.

IDC 09 22:48:17.7, 4.8, 21.92S, 178.19W, h0km, mb3.7, 3, mbtm3.7/3, Error ellipse: s-maj=120.2km s-min=40.9km az=39.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, Vnda Vanda, etc.

NEIC 09 22:54:28.2, 4.2, 34.41S, 0.06:73.8W, 0.1, h15km, 6km, mb4.3/5, ML3.8(GUC), Error ellipse: s-maj=12.1km s-min=8.0km az=101.0

GUC 09 22:54:31.7, 0.7, 34.35S, 73.47W, h22km, 3km, ML3.8
ISC 09 22:54:27.5, 1.0, 34.32S, 73.73W, 0.08, h10km, n65, e132/86, mb4.3/3.5, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like G005 Huala, VA05 Santo Domingo, MT01 Popeta, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like VA06 Catapilco, MT15 Las Vizcachas, MT03 Universidad Ad, etc.

JMA 09 23:18:14.8, 0.8, 33.12N, 147.2E, h0km, MV3.6/22, FAR E OFF IZU ISLANDS, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JMKN Mikurajimianish, JOD2 Odawara 2, JHO Hitachi, etc.

AEIC 09 23:44:54.4, 2.2, 53.81N, 0.09:152.7W, 0.1, h12km, 9km, Error ellipse: s-maj=15.1km s-min=10.6km az=144.0
NEIC 09 23:44:49.8, 1.2, 53.78N, 0.09:152.9W, 0.1, h10km, 2km, mb3.6/2, ML3.1/20, ML3.0(AIEC), Error ellipse: s-maj=15.6km s-min=12.7km az=147.0, South of Alaska

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CHIR Chirikof Islan, SII Sitkinak Islan, OHAK Old Harbor, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SUCK, KLU, WAX, ISLE, GLB, M27K, BCAR, CCB, N30M, WHY, I26K, K25M, J30M, BMAR, H31M, G31M.

NEIC 10 00:00:05.51.8, 19.34N, 0.07:67.03W, 0.03, h35km, 2km, ML2.3/28, Md3.0/11(RSPR), Error ellipse: s-maj=12.4km, s-min=3.1km az=204.0

RSPR 10 00:00:07.1, 19.33N, 0.07:67.06W, h54km, 9km, MD3.0/11 OSPL 10 00:00:10.21.3, 18.99N, 0.07:32W, h48km, 27km, ML2.3

ISC 10 00:00:02.21.8, 19.32N, 0.07:67.05W, 0.04, h9km, 10km, n43, r1504/54, 4C-8D, Mona Passage

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

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

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

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

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

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

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

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

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

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

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

SJA 10 00:19:12.6:0.8, 21.47S:68.56W, h144km, 4km, ML3.7, MW3.6
IDC 10 00:19:14.0:0.9, 21.57S:68.12W, h123km, 12km, mb3.4/2, mbmp3.7/6, MS3.3/1, Error ellipse: s-maj=28.2km, s-min=17.6km az=130.0

GUC 10 00:19:14.6:0.6, 21.48S:68.52W, h132km, 3km, ML3.8
NEIC 10 00:19:14.2:1.5, 21.52S:0.05:68.61W, 0.08, h139km, 6km, mb4.0/7, ML3.9(GUC), Error ellipse: s-maj=11.5km, s-min=6.3km az=70.0

ISC 10 00:19:13.3:0.7, 21.45S:0.03:68.44W, 0.05, h133km, 6km, n73, r1829/99, mb3.9/5, 4C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB09, PB09, PB09, PB09, PB09, PB09, PB09, PB09, PB09, PB09.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AF01, AF01, AF01, AF01, AF01, AF01, AF01, AF01, AF01, AF01.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB06, PB06, PB06, PB06, PB06, PB06, PB06, PB06, PB06, PB06.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GO01, GO01, GO01, GO01, GO01, GO01, GO01, GO01, GO01, GO01.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TA02, TA02, TA02, TA02, TA02, TA02, TA02, TA02, TA02, TA02.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB15, PB15, PB15, PB15, PB15, PB15, PB15, PB15, PB15, PB15.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB11, PB11, PB11, PB11, PB11, PB11, PB11, PB11, PB11, PB11.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB05, PB05, PB05, PB05, PB05, PB05, PB05, PB05, PB05, PB05.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB10, PB10, PB10, PB10, PB10, PB10, PB10, PB10, PB10, PB10.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GO02, GO02, GO02, GO02, GO02, GO02, GO02, GO02, GO02, GO02.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CPUP, ITAB, ATAH, TRQA, BDFB, BDFB, BDFB, BOAV, GSPA, GSPA, TOAO, TOAO, TORO, TORO, TORO, TORO, YKA, YKA, YKA, YKA, ASAR, MKAR.

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

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

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

AEIC 10 00:29:17.8:1.9, 61.15N:0.01:140.53W, 0.04, h5km, 4km, Error ellipse: s-maj=2.5km s-min=2.0km az=98.0

ANF 10 00:29:17.5:0.1, 61.14N:140.45W, h0km, ML4.1/73, Error ellipse: s-maj=1.3km s-min=1.0km az=6.0

NEIC 10 00:29:18.2:1.1, 15N:140.50W, h1km, ML3.6, ML3.8/30, PGC 10 00:29:18.2:1.1, 15N:140.50W, h1km, ML3.6, ML3.8/30, 166km west of Haines Jct., Yt Southern Yukon Territory, Canada

NEIC 10 00:29:18.2:2.0, 61.15N:0.01:140.52W, 0.03, h5km, 1km, ML3.9/149, Mw3.9/85, ML3.8(OTT), ML3.6(AEIC), Error ellipse: s-maj=3.0km s-min=2.6km az=272.0, Moment Tensor solution. Moment tensor: Scale 10^14Nm; M1=2.05; M2=3.25; M3=5.30; M4=3.37; M5=5.08; M6=0.43; Fault plane solution: Mw7.670000x10^14 NP1: phi=344.020000, delta=83.800000, lambda=161.700000. NP2: phi=245.710000, delta=87.640000, lambda=27.400000. Principal axes: T=7.7839, Plg6.0000, Azm297.0000; N=0.2390, Plg58.0000, Azm37.0000; P=7.5449, Plg31.0000, Azm203.0000.

IDC 10 00:29:18.2:1.2, 61.17N:140.74W, h0km, mb3.4/5, mbmp3.4/7, ML3.2/2, MS3.0/7, Error ellipse: s-maj=25.5km s-min=12.1km az=34.0

ISC 10 00:29:18.2:0.5, 61.18N:0.01:140.49W, 0.01, h10km, n480, r1504/54, mb3.3/5, MS3.1/4, Southern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8, YUK8.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M, O28M.

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

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

10d Oh

O29M	baz=313,SNR=1000	S	Sb	00 29 58.3	-0.8
O29M	baz=313	P	Pn	00 29 40.7	-1.6
O29M	Mount Kennedy	P	Pn	00 29 52.9	-0.8
BCPM	Bancas Point	1.30 161	IAML	00 30 01.7	-0.8
BCPM	comp=E,3um,0.9s	IAML		00 30 02.8	
BCPM	comp=N,2um,1.0s	IAML		00 29 41.5	-1.3
YUK7	Dusty Glacier	1.32 118	Pn	00 29 59.3	-0.9
YUK7	Dusty Glacier	1.32 118	P	00 29 51.5	-1.3
YUK7	Dusty Glacier	1.32 118	S	00 29 59.3	-0.9
M27K	Edge Creek, AK	1.36 331	IAML	00 29 42.5	-0.8
M27K	comp=N,1um,0.5s	IAML		00 29 42.5	-0.8
M27K	Edge Creek, AK	1.36 331	P	00 30 01.9	+0.1
M27K	baz=151,SNR=1000	S	Sg	00 29 42.0	-1.3
M27K	Edge Creek, AK	1.36 331	Pn	00 30 04.8	
WAX	Waxell Ridge	1.37 239	IAML	00 29 42.5	-0.8
VRDI	comp=E,3um,0.6s	IAML		00 29 43.2	-1.2
VRDI	Verde Repeater	1.44 273	Pn	00 30 02.6	-0.8
VRDI	Verde Repeater	1.44 273	Sn	00 30 03.9	
VRDI	comp=N,2um,0.6s	IAML		00 30 04.7	
VRDI	comp=E,2um,0.5s	IAML		00 29 44.3	-0.9
HYT	Haines Junctio	1.50 102	IAML	00 30 12.5	
HYT	Haines Junctio	1.50 102	Pn	00 30 06.4	+0.1
HYT	Haines Junctio	1.50 102	P	00 29 44.4	-0.9
HYT	baz=284,SNR=16	S	Sg	00 30 05.6	-0.7
HYT	Haines Junctio	1.50 102	Pn	00 29 44.3	-0.9
HYT	Haines Junctio	1.50 102	Sg	00 30 06.4	+0.1
SNH	Sunshine Point	1.53 230	IAML	00 29 46.0	-0.6
SNH	comp=N,1um,0.5s	IAML		00 30 08.9	
SNH	comp=N,1um,0.5s	IAML		00 30 13.8	
KHIT	Khitrov Hills	1.54 243	Sg	00 30 06.9	-0.8
M29M	Somme Creek	1.59 36	Pn	00 29 47.0	-0.8
M29M	Somme Creek	1.59 36	IAML	00 30 11.0	
M29M	comp=N,1um,0.7s	IAML		00 30 11.7	
M29M	comp=E,1um,0.5s	IAML		00 30 08.5	-0.9
M29M	Somme Creek	1.59 36	P	00 29 46.9	-0.8
M29M	Somme Creek	1.59 36	S	00 30 09.0	-0.4
M29M	baz=218,SNR=1000	S	Sg	00 29 47.0	-0.8
M29M	Somme Creek	1.59 36	Pn	00 30 08.5	-0.9
M29M	Somme Creek	1.59 36	Sg	00 29 47.0	-0.9
PNL	Peninsula	1.61 160	Pn	00 29 46.5	-1.4
PNL	Peninsula	1.61 160	P	00 30 09.2	-0.6
PNL	Peninsula	1.61 160	Sg	00 29 46.5	-1.4
PNL	Peninsula	1.61 160	P	00 30 08.8	-1.0
PNL	Peninsula	1.61 160	Pn	00 29 46.5	-1.4
GLB	Gilahina Butte	1.62 281	IAML	00 30 15.2	
GLB	comp=N,1um,0.5s	IAML		00 29 47.4	0.0
N30M	Aishikik Lake	1.67 79	IAML	00 30 12.9	
N30M	Aishikik Lake	1.67 79	Pn	00 30 09.9	-0.1
N30M	Aishikik Lake	1.67 79	P	00 29 47.6	+0.1
N30M	baz=261,SNR=1000	S	Sg	00 30 10.4	-1.2
N30M	Aishikik Lake	1.67 79	Pn	00 29 47.8	-1.2
N30M	Aishikik Lake	1.67 79	Sb	00 30 09.9	-0.1
M26K	Nabesna, AK	1.71 317	IAML	00 29 48.9	-0.9
M26K	comp=N,795nm,0.8s	IAML		00 30 21.0	
M26K	Nabesna, AK	1.71 317	P	00 29 48.6	-1.2
M26K	baz=136,SNR=85	S	Sg	00 30 12.4	-0.7
YK2U	Yakutat	1.72 166	P	00 29 49.5	-0.3
BGLC	Bering Glacier	1.74 234	P	00 29 49.7	-0.4
BGLC	baz=52	Sg	Sg	00 30 14.5	+0.6
WASW	Wrangell South	1.92 295	Pb	00 29 52.5	-0.8
SUCK	Suckling Hills	1.96 327	Pb	00 29 53.5	-0.5
SUCK	Suckling Hills	1.96 327	IAML	00 30 23.7	
SUCK	comp=E,982nm,0.7s	IAML		00 30 30.4	
BCAR	Beaver Creek A	1.99 343	Pn	00 29 51.9	-0.1
L27K	Beaver Creek	1.99 342	IAML	00 29 52.6	+0.6
L27K	Beaver Creek	1.99 342	P	00 29 52.3	+0.3
L27K	Beaver Creek	1.99 342	S	00 30 20.2	+0.8
L27K	baz=161,SNR=227	S	Sb	00 29 52.5	+0.5
L27K	Beaver Creek	1.99 342	Pn	00 29 52.3	+0.8
L27K	Beaver Creek	1.99 342	Sg	00 29 52.3	+0.1
BMRM	Bremner River	2.01 266	P	00 29 51.8	-0.4
BMRM	Bremner River	2.01 266	S	00 30 19.1	-0.8
BMRM	baz=83	S	Sb	00 29 53.0	-2.1
N25K	Chitina, Valde	2.02 284	IAML	00 30 30.3	
N25K	comp=N,780nm,1.2s	IAML		00 29 52.9	-2.1
N25K	Chitina, Valde	2.02 284	P	00 30 21.1	-2.1
N25K	Chitina, Valde	2.02 284	S	00 29 54.0	-1.2
HMT	Hamilton	2.04 247	Pn	00 29 53.2	+0.6
P30M	Million Dollar	2.04 120	Pn	00 30 22.3	-1.2
P30M	Million Dollar	2.04 120	Sg	00 29 52.8	+0.2
P30M	Million Dollar	2.04 120	S	00 30 23.2	-0.4
P30M	baz=302	Sg	Sg	00 29 53.4	-1.9
P30M	Million Dollar	2.04 120	Pn	00 30 22.3	-1.2
P30M	Million Dollar	2.04 120	Sg	00 29 54.3	-1.5
P29M	Windy Craggy	2.07 137	IAML	00 30 27.4	
P29M	comp=E,1um,0.7s	IAML		00 29 53.8	-1.9
P29M	Windy Craggy	2.07 137	P	00 30 22.4	-2.1
P29M	Windy Craggy	2.07 137	Sb	00 29 54.3	-1.5
P29M	Windy Craggy	2.07 137	Pn	00 29 54.3	-1.5
O30N	Mendenhall	2.18 99	IAML	00 30 35.1	+0.5
O30N	comp=N,472nm,0.7s	IAML		00 29 55.0	+0.5
O30N	Mendenhall	2.18 99	P	00 30 26.3	-1.9
O30N	baz=282	Sb	Sb	00 29 56.3	-1.8
RAGM	Ragged Mountai	2.20 251	Pb	00 29 56.1	+0.8
L29M	L29M	2.23 29	Pn	00 30 28.5	-1.4
L29M	L29M	2.23 29	Sg	00 29 55.8	+0.5
L29M	L29M	2.23 29	P	00 30 28.8	-1.1
L29M	baz=211,SNR=149	Sb	Sg	00 29 56.3	+1.1
L29M	L29M	2.23 29	Pn	00 29 54.2	+0.5
L29M	L29M	2.23 29	Sg	00 30 28.5	-1.4
M30M	Minto, Yukon	2.24 50	IAML	00 29 55.7	+0.3
M30M	comp=E,687nm,0.7s	IAML		00 30 29.9	
M30M	comp=N,797nm,0.7s	IAML		00 30 30.0	
M30M	Minto, Yukon	2.24 50	Sg	00 29 55.7	+0.3
M30M	Minto, Yukon	2.24 50	P	00 29 55.7	+0.3
M30M	baz=232,SNR=286	Sb	Sg	00 30 28.8	-1.4

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M30M	baz=232	2.24 50	Pn	00 29 57.0	-1.8
M30M	Minto, Yukon	2.24 50	Sg	00 30 28.4	-1.8
L26K	Log Cabin Wild	2.29 325	P	00 29 57.2	-2.3
N31M	Braeburn, Yuko	2.29 80	Pn	00 29 57.1	+1.1
N31M	comp=E,774nm,1.0s	IAML		00 30 34.7	
N31M	comp=N,622nm,0.8s	IAML		00 30 38.8	
N31M	Braeburn, Yuko	2.29 80	Pn	00 29 57.7	+0.6
N31M	baz=264,SNR=26	Sb	Sg	00 30 30.2	-1.5
N31M	baz=264	Sb	Sg	00 30 30.2	-1.5
N31M	Braeburn, Yuko	2.29 80	Pn	00 29 56.6	+0.6
KAIM	Kayak Island	2.31 239	IAML	00 29 57.2	+0.9
KAIM	comp=E,595nm,0.5s	IAML		00 30 34.5	
KAIM	comp=N,706nm,0.7s	IAML		00 30 37.5	
KAIM	Kayak Island	2.31 239	Pb	00 29 59.0	-0.9
KAIM	baz=56	Sb	Sg	00 30 30.2	-2.1
MENT	Mentasta	2.33 321	IAML	00 29 57.7	+1.1
MENT	comp=E,486nm,0.5s	IAML		00 30 41.2	
HARP	HARP	2.53 301	P	00 30 00.1	+0.7
HARP	baz=117	P	Pn	00 30 06.6	+0.9
DIV	Divide	2.56 271	Pn	00 30 01.4	-2.8
DIV	Divide	2.56 271	Pn	00 30 37.1	+1.4
KLU	Klutina	2.64 279	IAML	00 30 02.0	+1.2
KLU	comp=N,660nm,0.5s	IAML		00 30 44.9	
KLU	Klutina	2.64 279	P	00 30 01.4	+0.5
KLU	baz=95	Sn	Sg	00 30 40.4	-2.4
EYAK	Cordova Ski Ar	2.65 259	P	00 30 03.7	-2.0
EYAK	Cordova Ski Ar	2.65 259	Pn	00 30 02.8	-2.9
EYAK	Cordova Ski Ar	2.65 259	Pb	00 30 04.1	-1.5
EYAK	baz=74	Sb	Sg	00 30 40.7	-2.5
PLBC	Pleasant Camp	2.68 128	Pn	00 30 02.7	+1.4
PLBC	Pleasant Camp	2.68 128	Sg	00 30 41.5	-2.7
PLBC	Pleasant Camp	2.68 128	P	00 30 02.7	+1.4
PLBC	baz=311	Pn	Sg	00 30 41.5	-2.7
PLBC	Pleasant Camp	2.68 128	Pn	00 30 03.3	+0.4
PLBC	Pleasant Camp	2.68 128	Sg	00 30 46.0	
WHY	Whitehorse	2.79 98	IAML	00 30 03.6	+0.7
WHY	Whitehorse	2.79 98	Pn	00 30 03.6	+0.7
WHY	Whitehorse	2.79 98	P	00 30 03.6	+0.7
WHY	Whitehorse	2.79 98	Sb	00 30 44.4	-3.2
WHY	Whitehorse	2.79 98	Pn	00 30 03.6	+0.7
M24K	Tolson, Glenn	2.87 291	Pb	00 30 08.2	-1.2
DAWY	Dawson	2.94 9	IAML	00 30 05.3	+0.3
DAWY	comp=E,530nm,0.7s	IAML		00 30 52.1	
DAWY	comp=N,488nm,0.8s	IAML		00 30 56.7	
DAWY	Dawson	2.94 9	P	00 30 05.8	+0.9
DAWY	baz=190,SNR=15	Sb	Sg	00 30 49.7	-2.9
DAWY	Dawson	2.94 9	Pn	00 30 05.9	+0.9
DAWY	Dawson	2.94 9	Sg	00 30 50.0	-2.6
FID	Port Fidalgo	2.95 264	IAML	00 30 05.7	+0.6
FID	comp=N,459nm,0.8s	IAML		00 30 57.5	
PAX	Paxson	2.95 310	Pn	00 30 06.1	+0.9
PAX	Paxson	2.95 310	Pn	00 30 06.2	+1.1
PAX	Paxson	2.95 310	P	00 30 05.8	+0.6
PAX	baz=126	Sb	Sg	00 30 50.4	-2.6
PAX	Paxson	2.95 310	Pn	00 30 06.2	+1.1
K27K	Chicken	2.96 346	IAML	00 30 06.1	+0.9
K27K	comp=E,344nm,0.8s	IAML		00 30 52.0	
K27K	Chicken	2.96 346	P	00 30 05.9	+0.7
K27K	baz=165	Sb	Sg	00 30 50.3	-2.7
K27K	Chicken	2.96 346	Pn	00 30 06.0	+0.9
K27K	Chicken	2.96 346	Sg	00 30 50.3	-2.7
DOT	Dot Lake	2.99 328	Pn	00 30 05.4	+0.8
K29M	Barlow Dome	3.01 26	P	00 30 07.0	+1.0
K29M	comp=N,200nm,0.7s	IAML		00 30 57.3	
K29M	comp=E,270nm,0.7s	IAML		00 30 57.8	
K29M	Barlow Dome	3.01 26	P	00 30 07.1	+1.2
K29M	Barlow Dome	3.01 26	Pn	00 30 07.0	+1.0
K29M	Barlow Dome	3.01 26	Sg	00 30 07.6	+1.6
K29M	Barlow Dome	3.01 26	Pn	00 30 07.2	-2.8
HIN	Hinchinbrook I	3.05 258	IAML	00 30 08.0	+1.6
M31M	Drury Creek, Y	3.08 68	P	00 30 07.9	+1.0
M31M	comp=N,303nm,0.6s	IAML		0	

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H27K Steamboat Moun, H29M Whitestone, H29M Whitestone, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like COLD Coldfoot, COLD Coldfoot, E28M Babbage River, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like A36M Sachs Harbour, S12K Black Hills, EGMT Eagleton, etc.

Table with columns: PEIG, Puerto Escondi, 3.09 290, Pn, 01 04 08.9 -1.4, etc. Includes entries for PEIG, PUG, OXIG, VHO, GUMI, PCG, APG, GUNB, NBG, PMUV, YOIG, PNIG, TXIG, TOIG, MRL, LOAL, PETF, HLIG, UNIC, TPIG, ESQI, MTO3, JAYA, PMON, FTIG, SCIG, UUES, SNET, LOMA, JAUU, PAVA, COEG, TECO, SCLA, SCLA, SCLA, IZABA, CHIHN, DAIG, PACA, PACA, PAVA, PPM, PPIG, MEIG, MEIG, YAUITEC, YAUITEC, PLIG, PLIG, CAIG, CAIG, LCND, LCND.

Table with columns: LCND, comp=Z,2µm,1.0s, IVMb_BB, 01 05 10.8, etc. Includes entries for LCND, MPVM, CNCH, CNCH, TLVM, MZVM, MZVM, MAVM, MAVM, AOVV, AOVV, MHVM, INVM, TGUH, TGUH, TGUH, ARIG, ARIG, TOVM, TOVM, THVM, DEIG, CRIN, MYIG, ZIIG, ZIIG, PACN, PACN, PACN, CTUV, CTUV, CNGA, CNGA, CNGA, TEIG, TEIG, LIMN, LIMN, LIMN, COPN, COPN, COPN, SAPS, SAPS, SAPS, MOIG, MOIG, MOIG, MOIG, BOAB, BOAB, BOAB, RPIG, ACON, GTIG, GTIG, MMIG, MMIG, COIG, COIG, JTS, JTS, JUBC, JUBC, EZSV, EZSV, MNGA, MNGA, INCO, INCO, SOMAC, SOMAC, CDAR, CDAR, CEGR, CEGR, AAIG, AAIG, LNIG, LNIG, LNIG, LCRM, LCRM, ICC1, ICC1, ICC1, DRKO, DRKO, PIRO, PIRO, HBVL, HBVL, SOR, SOR, 833A, 833A, MCIG, MCIG, MCIG, HNDO, HNDO, DRLO, DRLO, HNVL, HNVL, 435B, 435B.

Table with columns: 435B, comp=Z,34nm,0.8s, IAMB, IAMB, 01 07 18.2, etc. Includes entries for 435B, JCT, JCT, SAND, SAND, TXAR, TXAR, TXAR, TX31, TX31, BRADY, BRADY, OZNA, OZNA, WHTX, WHTX, 451A, 451A, BRAL, BRAL, BRAL, VBMS, VBMS, FW13, FW13, FW14, FW14, DWPV, DWPV, FW16, FW16, ALPN, ALPN, LPIG, LPIG, CSIG, CSIG, TREL, TREL, 143A, 143A, 656A, 656A, FW07, FW07, SGCY, SGCY, MNHN, MNHN, PLPT, PLPT, 146A, 146A, 146A, FW06, FW06, Z35A, Z35A, ABTX, ABTX, ABTX, ABTX, FW03, FW03, 250A, 250A, 352A, 352A, 352A, Z35A, Z35A, Z35A, PECS, PECS, VHRN, VHRN, WLAR, WLAR, ODSA, ODSA, ODSA, GTBY, GTBY, SN05, SN05, SN05, Z47A, Z47A, Z47A, CCAR, CCAR, CCAR, TIGA, TIGA, TIGA, SN07, SN07, APMT, APMT, APMT, LRAL, LRAL, LRAL, WFTS, WFTS, WFTS, LOOK, LOOK, POST, POST, MIAR, MIAR, MIAR, X37A, X37A, X37A, MNXT, MNXT, MNXT, DKNS, DKNS, UALR, UALR, UALR, X34A, X34A, X34A, OXF, OXF, OXF, OXF, 255A, 255A, 255A, Y49A, Y49A, WNOK, WNOK, WNOK, EPT, EPT, 154A, 154A, W35A, W35A, WHAR, WHAR, FNO, FNO, FNO, X48A, X48A, MSTX, MSTX, MSTX, HBAR, HBAR, GOGA, GOGA, SMWD, SMWD, SMWD, ADOK, ADOK.

DEOK	Depew	20.90 355	I	Amb	I	01 08 06.1
TUL3	Leonard	20.91 356	I	Amb	I	01 08 06.8
TUL3	Leonard	20.91 356	P	P	P	01 08 02.1 -0.6
HSIG	Ozark Folk Cen	20.91 315	P	Pn	I	01 08 04.8 -1.1
FCAR	Amarillo	20.91 5	I	Amb	I	01 08 07.0
AMTX	Hydro, Custer	20.97 342	P	P	P	01 08 04.6 +1.1
CSTR	Hydro, Custer	21.00 350	P	P	P	01 08 04.0 +0.2
OK031	Hydro, Custer	21.04 354	I	Amb	I	01 08 09.3
OK052	Battle Ridge R	21.08 354	I	Amb	I	01 08 09.2
RLO	Rose Lookout	21.13 358	P	P	P	01 08 05.5 +0.4
RLO	Rose Lookout	21.13 358	I	Amb	I	01 08 10.0
X51A	Calhoun	21.23 22	I	Amb	I	01 08 08.7
OTAV	Otavallo	21.31 132	P	P	P	01 08 09.6 +1.8
OTAV	Otavallo	21.31 132	P	P	P	01 08 08.0 +0.2
US8A	Gravette	21.39 359	I	Amb	I	01 08 08.0 0.0
US8A	Gravette	21.39 359	I	Amb	I	01 08 10.6
319A	Douglas	21.43 322	P	P	P	01 08 10.7 +2.1
319A	Douglas	21.43 322	I	Amb	I	01 08 26.0
PULU	Pululaha	21.43 132	P	P	P	01 08 11.2 +2.3
121A	Cookes Peak, D	21.46 327	I	Amb	I	01 08 10.7 +1.8
121A	Cookes Peak, D	21.46 327	I	Amb	I	01 08 13.2
121A	Cookes Peak, D	21.46 327	P	P	P	01 08 11.5 +2.6
IMBA	Imbabura, San	21.47 131	P	P	P	01 08 11.8 +2.4
TULM	Tulcan-Chalpat	21.47 130	P	P	P	01 08 10.7 +1.1
OK048	Pawnee Station	21.51 354	I	Amb	I	01 08 12.6
W50A	Signal Mountai	21.65 20	P	P	P	01 08 10.1 -0.7
W50A	Signal Mountai	21.65 20	I	Amb	I	01 08 29.5
V48A	Smith Brothers	21.70 16	P	P	P	01 08 09.6 -1.6
CROK	Carrier	21.72 352	P	P	P	01 08 11.1 -0.5
U32A	Winter Ranch,	21.77 349	I	Amb	I	01 08 12.1 +0.1
U32A	Winter Ranch,	21.77 349	I	Amb	I	01 08 16.2
WVT	Waverly	21.82 14	P	P	P	01 08 12.0 -0.5
WVT	Waverly	21.82 14	I	Amb	I	01 08 11.9 -0.6
WVT	Waverly	21.82 14	P	P	P	01 08 12.8 +0.3
OK038	West End E0370	21.82 350	P	P	P	01 08 12.7 +0.1
OK038	West End E0370	21.82 350	I	Amb	I	01 08 16.2
BLOK	Blackwell	21.88 353	P	I	Amb	01 08 12.4 -0.8
BLOK	Blackwell	21.88 353	I	Amb	I	01 08 14.0
HICK	Hickman	21.93 11	P	P	P	01 08 13.5 -0.1
HICK	Hickman	21.93 11	I	Amb	I	01 08 40.1
ROSC	El Rosal	21.93 115	P	P	P	01 08 15.8 +1.5
ROSC	El Rosal	21.93 115	I	Amb	I	01 08 19.7
ROSC	El Rosal	21.93 115	P	P	P	01 08 16.1 +1.8
ROSC	El Rosal	21.93 115	I	Amb	I	01 16 39.8
PARMO	Parma	21.96 9	P	P	P	01 08 14.0 0.0
PARMO	Parma	21.96 9	I	Amb	I	01 08 17.4
SLOR	San Lorenzo -	21.96 134	P	P	P	01 08 16.0 +1.3
T35A	Sooner Cattle	21.96 355	I	Amb	I	01 08 14.0
PBMO	Poplar Bluff	21.97 8	P	P	P	01 08 12.7 -1.5
NOKA	Waynoka	22.00 350	P	P	P	01 08 14.1 -0.4
OK035	E0210 Rd and N	22.04 350	P	P	P	01 08 15.3 +0.4
GC02	Grand County #	22.05 352	P	P	P	01 08 14.8 -0.2
T42A	Van Buren	22.14 6	I	Amb	I	01 08 15.3 -0.7
T42A	Van Buren	22.14 6	I	Amb	I	01 08 18.1
KAN13	South Haven SW	22.16 353	P	P	P	01 08 15.3 -0.8
KAN13	South Haven SW	22.16 353	I	Amb	I	01 08 18.2
MGMO	Mountain Grove	22.16 4	P	P	P	01 08 15.1 -1.1
MGMO	Mountain Grove	22.16 4	I	Amb	I	01 08 18.1
CLTN	Cedars of Lebanon	22.16 17	I	Amb	I	01 08 17.6
KAN14	Manchester OK	22.17 352	P	P	P	01 08 15.1 -1.1
KAN14	Manchester OK	22.17 352	I	Amb	I	01 08 18.2
DUN6	Lazy B Ranch	22.18 325	P	P	P	01 08 17.5 +0.9
DUN6	Lazy B Ranch	22.18 325	I	Amb	I	01 08 30.1
CHSH	Refugio Sur-Vo	22.26 136	P	P	P	01 08 20.0 +1.9
Y22D	IRIS PASCALLO	22.26 331	P	P	P	01 08 18.6 +1.1
Y22D	IRIS PASCALLO	22.26 331	I	Amb	I	01 08 48.5
Y22D	IRIS PASCALLO	22.26 331	P	P	P	01 08 18.3 +0.8
KAN01	Argonia South	22.33 352	P	P	P	01 08 16.2 -1.8
T45A	Paducah	22.50 12	P	P	P	01 08 19.0 -0.8
TKL	Tuckaleechee C	22.50 22	LR	LR	LR	01 18 25.2
Y57A	Sumter	22.67 31	P	P	P	01 08 20.4 -1.2
Y57A	Sumter	22.67 31	I	Amb	I	01 08 22.8
U49A	Red Boiling Sp	22.71 18	I	Amb	I	01 08 22.2
RTBA	Rita Blanca	22.72 342	I	Amb	I	01 08 27.2
ANMO	Albuquerque	22.78 333	P	P	P	01 08 23.9 +0.9
ANMO	Albuquerque	22.78 333	I	Amb	I	01 08 24.8 +1.7
ANMO	Albuquerque	22.78 333	LR	LR	LR	01 18 26.6
T47A	Sharon Grove	22.81 15	I	Amb	I	01 08 23.9
TUC	Tucson	22.99 322	P	P	P	01 08 26.6 +1.5
S44A	Carbondale	23.05 10	I	Amb	I	01 08 25.9
SIUC	Southern Illin	23.07 10	I	Amb	I	01 08 26.0
CCM	Cathedral Cave	23.14 6	P	P	P	01 08 24.3 -2.1
CCM	Cathedral Cave	23.14 6	I	Amb	I	01 08 25.6 -0.9
KM5C	Kings Mountain	23.15 27	P	P	P	01 08 26.3 -0.3
R40A	Maddies Statio	23.29 4	I	Amb	I	01 08 28.6
TZTN	Tazewell	23.47 22	I	Amb	I	01 08 30.3
TZTN	Tazewell	23.47 22	P	P	P	01 08 28.6 -1.1
SDV	Santo Domingo	23.75 102	P	P	P	01 08 33.0 +0.2
SDV	Santo Domingo	23.75 102	I	Amb	I	01 08 36.5
SDV	Santo Domingo	23.75 102	LR	LR	LR	01 18 17.1
SDV	Santo Domingo	23.75 102	LR	LR	LR	01 18 17.1
SDV	Santo Domingo	23.75 102	eP	eP	eP	01 08 32.9 0.0
214A	Organ Pipe Nat	24.01 318	P	P	P	01 08 35.4 +0.6
KSU1	Kansas State U	24.14 355	I	Amb	I	01 08 38.0
KSU1	Kansas State U	24.14 355	P	P	P	01 08 35.3 -0.6
WCI	Wyandotte Cave	24.18 15	P	P	P	01 08 34.6 -1.7
WCI	Wyandotte Cave	24.18 15	I	Amb	I	01 08 36.0
WCI	Wyandotte Cave	24.18 15	P	P	P	01 08 34.5 -1.8
OLIL	Olney	24.26 12	I	Amb	I	01 08 37.4
CBKS	Cedar Bluff	24.27 349	P	P	P	01 08 37.9 +0.8
CBKS	Cedar Bluff	24.27 349	P	P	P	01 08 38.0 +0.8
Q44A	Meyer Farm, Va	24.27 10	I	Amb	I	01 08 38.5
W18A	Petrified Fore	24.48 328	P	P	P	01 08 40.9 +1.6
R49A	Shelbyville	24.55 17	I	Amb	I	01 08 39.1

P38A	Dawn	24.57 1	I	Amb	I	01 08 39.7
U56A	King	24.58 27	I	Amb	I	01 08 40.5
V58A	Windsor Hill, Pi	24.72 30	I	Amb	I	01 08 41.5
SDCO	Great Sand Dun	24.83 338	P	P	P	01 08 43.9 +1.3
P43A	Skaggs, Pawnee	24.91 8	I	Amb	I	01 08 42.6
BLO	Bloomington	25.02 14	I	Amb	I	01 08 44.0
KSCO	Kaye Sheddock	25.09 344	P	P	P	01 08 46.7 +2.0
113A	Mohawk Valley,	25.15 318	P	P	P	01 08 49.7 +4.6
BLA	Blacksburg	25.29 26	P	P	P	01 08 48.1 +1.7
MVCO	Mesa Verde	25.57 333	P	P	P	01 08 51.4 +2.2
MVCO	Mesa Verde	25.57 333	I	Amb	I	01 08 52.4
MVCO	Mesa Verde	25.57 333	P	P	P	01 08 51.2 +2.0
WUJAZ	Wupatki	25.65 326	I	Amb	I	01 08 55.9
WUJAZ	Wupatki	25.65 326	I	Amb	I	01 08 55.9
WUJAZ	Wupatki	25.65 326	P	P	P	01 08 51.6 +1.7
Q51A	Peebles	25.78 20	I	Amb	I	01 08 50.6
Q24A	Divide	25.80 340	P	P	P	01 08 51.4 +0.1
N41A	Harden Midland	25.80 6	I	Amb	I	01 08 52.2
P49A	Miami Univ, Ec	25.83 17	I	Amb	I	01 08 50.1
P49A	Miami Univ, Ec	25.83 17	P	P	P	01 08 49.5 -1.7
HDIL	Hopedale	25.84 8	I	Amb	I	01 08 52.0
HDIL	Hopedale	25.84 8	P	P	P	01 08 49.8 -1.5
SFIN	Lafayette	26.05 12	I	Amb	I	01 08 53.8
SFIN	Lafayette	26.05 12	P	P	P	01 08 51.3 -2.0
Q52A	Bidwell	26.08 21	I	Amb	I	01 08 56.0
Q48B	Farmland	26.39 16	P	P	P	01 08 55.8
Q48B	Farmland	26.39 16	P	P	P	01 08 54.6 -1.7
Q49A	Covington	26.55 17	I	Amb	I	01 08 57.3
SWSC	Sam W. Stewart	26.60 316	P	P	P	01 08 59.7 +1.4
IKP	Idaho Springs	26.63 315	P	P	P	01 08 59.9 +1.2
ISCO	Idaho Springs	26.71 340	P	P	P	01 09 00.6 +1.0
P52A	Corning	26.73 21	I	Amb	I	01 08 59.2
P52A	Corning	26.73 21	P	P	P	01 08 58.2 -1.2
W13A	Hualapai	26.78 322	P	P	P	01 09 01.2 +1.1
OCNE	Capitol	26.78 347	P	P	P	01 09 01.1 +1.2
PV22	Blue Mesa, Par	26.80 334	I	Amb	I	01 09 01.2 +0.9
PV22	Blue Mesa, Par	26.80 334	I	Amb	I	01 09 03.6
BC3	Big Chuckwall	26.81 318	P	P	P	01 09 01.9 +1.6
U15A	North Rim	26.83 326	P	P	P	01 09 01.8 +1.1
N47A	Urbana	26.84 14	I	Amb	I	01 08 59.7
M44A	Midwestern, Midw	26.85 10	I	Amb	I	01 09 00.3
SCIA	State Center	26.86 2	P	P	P	01 09 00.1 -0.4
P53A	Whipple	26.86 22	P	P	P	01 08 59.6 -0.9
ATAH	Altahuapala	26.93 340	P	P	P	01 09 01.6 -0.3
ATAH	Altahuapala	26.93 340	I	Amb	I	01 17 43.0
MONP2	Monument Peak	26.99 315	P	P	P	01 09 02.2 +0.2
ACSO	Alum Creek Sta	26.99 19	P	P	P	01 09 00.2 -1.5
HMU	Henry Mountain	27.20 330	I	Amb	I	01 09 08.0
O52A	Adamsville	27.26 21	I	Amb	I	01 09 04.3
PFO	Pinyon Flats O	27.44 317	LR	LR	LR	01 21 43.7
109C	Camp Elliot, M	27.45 315	P	P	P	01 09 06.6 +0.6
O53A	New Philadelph	27.60 22	P	P	P	01 09 06.2 -1.0
MCWV	Mont Chateau	27.60 24	P	P	P	01 09 08.1 +0.9
GMRC	Granite Mounta	27.66 319	P	P	P	01 09 08.7 +0.8
V12A	Nelson	27.78 322	P	P	P	01 09 10.8 +1.8
N23A	Red Feather La	27.80 341	P	P	P	01 09 09.8 +0.5
N23A	Red Feather La	27.80 341	P	P	P	01 09 11.1 +1.7
MTPU	Mount Pierson	27.99 329	P	P	P	01 09 12.2 +1.1
MTPU	Mount Pierson	27.99 329	I	Amb	I	01 09 14.9
K30B	Basset	28.01 351	I	Amb	I	01 09 14.0
PHWY	Phyllis	28.02 342	P	P	P	01 09 11.3 0.0
BBFC	Big Bear Solar	28.05 6	P	P	P	01 09 10.3 -0.8
L48A	N Adams	28.16 15	I	Amb	I	01 09 11.6
Q16A	Castle Valley	28.18 331	I	Amb	I	01 09 16.1
P18A	Preston Nutter	28.34 333	P	P	P	01 09 15.9 +1.7
P17A	Butcher Ranch,	28.43 332	I	Amb	I	01 09 16.0 +1.1
P17A	Butcher Ranch,	28.43 332	I	Amb	I	01 09 17.9
SHPR	Sheep Range	28.50 323	P	P	P	01 09 17.3 +1.9
TMUT	Trail Mountain	28.50 319	P	P	P	01 09 16.8 +1.1
GSC	Goldstone, Bar	28.71 319	P	P	P	01 09 17.4 +0.2
ECSD	EROS Data Cent	28.75 356	P	P	P	01 09 17.1 -0.3
M53A	W Miller and	28.84 21	P	P	P	01 09 17.9 -0.4
RWWY	Rawlins	28.94 339	P	P	P	01 09 20.3 +0.9
RWWY	Rawlins	28.94 339	I	Amb	I	01 09 22.8
I37A	Lenox, Waseca	28.96 1	I	Amb	I	01 09 18.4
I40A	Norwalk	28.98 5	P	P	P	01 09 19.4 -0.1
I40A	Norwalk	28.98 5	I	Amb	I	01 09 20.9
PCRV	Puerto La Cruz	29.16 96	LR	LR	LR	01 21 17.5

10d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TUE Stuetta, VAF Ylistaro, BLEU Blekinge, etc.

2018 JUN

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MMAI Mount Meron Ar, GERES GERES Array B, HFS Hagfors, etc.

10d 2h

Table of station data for the first 10 days of June, including station names, coordinates, and status. Includes stations like Danmarks Havn, Hornsund, Daneborg, etc.

2018 JUN

Main table of station data for the month of June, including station names, coordinates, and status. Includes stations like NEW Newport, MMAL Mount Meron Ar, PDAR Pinedale Array, etc.

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Table of station data for the second 10 days of June, including station names, coordinates, and status. Includes stations like ATKA Atka Island, KINZ Kanaga Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like E24K, FYU, K27K, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SHO, YUK, NEM2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like IDI, KSTL, PRNS, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WRA, YKA, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like EWA, EHA, ENA, etc.

ATH 10 02:50:43.7, 33.97N, 25.11E, h0km, 2km, ML2.6/4, Error ellipse: s-maj=5.0km s-min=2.1km az=181.0
IDC 10 02:50:46.0, 2.9, 34.19N, 25.09E, h34km, 19km, mb3.3/9, mbmp3.5/11, ML3.6/2, Error ellipse: s-maj=23.8km s-min=19.4km az=159.0
ISC 10 02:50:43.5, 0.9, 34.05N, 0.07, 25.02E, 0.06, h20km, n32, c=234/37, mb3.4/9, Crete

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MJAR, MAJO, MJB9, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like U15A, NEW Newport, WMQ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HLP, MLH, NPOC, etc.

NEIC 10 04:23:01.1±1.0, 19°41'13N, 0°00'55.155E, 267W±0.008, h5km, 1km, Error ellipse: s-maj=1.7km s-min=1.3km

HVO 10 04:23:00.7±0.6, 19°41'10N, 0°00'7.155E, 273W±0.007, h1km, 2km, ML3.0/1.1, ML2.3/2.2(NEIC), Error ellipse: s-maj=1.1km s-min=0.8km az=205.0, Hawaiian Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BYL, KKO, OBL, etc.

TAP 10 04:25:25.9, 24°74'N, 122°38'E, h106km, ML2.7, C JMA 10 04:25:27.4±0.2, 25°N±2.12E±1.1, h91km, MV1.9/7, NW OFF ISHIGAKI/JMA IS

ISC 10 04:25:26.7±1.6, 24°58'N, 0°05'12.39E±0.03, h99km±9km, n65, 0589/126, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like E0S2, E0S3, E0S3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, etc. Includes stations like FUSH Fushanzhiwuyua, ENTT Nioudou, LATG Datong, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, etc. Includes stations like CHKT baz=203, ALS Alishan, ELDTW Lidau, etc.

IDC 10 04:41.05:8.2, 1.7:32N:124:32E, h0km, mb3.4/4, mbtmp3.4/4, MS3.4/2, Error ellipse: s-maj=228.0km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, etc. Includes stations like BATI Baumata, CMAR Chiang Mai Arr, ASAR Alice Springs, etc.

KRSC 10 04:54:03.1±1.0, 49:80N:156:68E, h9km±14km, M14, 1, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, etc. Includes stations like SKR Severo-Kuril's, KDTR Khodutka, ASAK Asacha, etc.

IDC 10 05:01:45:4.8:5, 21:75S:148:35E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=83.5km s-min=62.3km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, etc. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

ASIES 10 05:09:48.7, 24:40N:121:89E, h18km, ML3.7, Mw3.5, Moment Tensor Solution...

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, etc. Includes stations like EAHA Aohua, ENA Nanau, EHP Heping Village, etc.

ISC 10 05:09:48.0±0.8, 24:37N:121:96E, h0km±6km, n158, o981/230, 9C-25D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, etc. Includes stations like EAHA Aohua, ENA Nanau, EHP Heping Village, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, etc. Includes stations like FUSB baz=323, NNSB Datong, NNSH Datong, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HGSD, WCS, EHYH, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PHUB, WDGJ, SLIU, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PETK, N15K, K15K, etc.

WAT6	Susitna Watana baz=284	1.43 102	P	Pn	05 31 13.1 -0.8	J19K	comp=N,754nm,0.9s Poorman	2.44 299	P	Pn	05 31 26.9 +0.4	L17K	Donlin	3.58 261	Pn	05 31 41.9 +0.1	
GHO	Glory Hole Cre	1.43 142		Pn	05 31 14.3 +0.6	RDT	Redoubt	2.48 199	Pn	Pn	05 31 28.1 +1.0	L17K	Donlin	3.58 261	P	05 31 41.9 +0.1	
SUA	Susitna One	1.46 180		Pn	05 31 14.1 0.0	O22K	Cooper Landing	2.49 168	Pn	Pn	05 31 27.7 +0.5	H19K	Roundabout Moun	3.62 319	IAML	05 31 42.2 +0.4	
SUA	comp=N,5um,0.8s		IAML		05 31 36.5	O22K	Cooper Landing	2.49 168	P	Pn	05 31 27.5 +0.3	H19K	comp=E,175nm,1.1s			05 31 42.6 +0.4	
SUA	comp=E,3um,0.5s		IAML		05 31 38.3	DFR	Drift River	2.50 202	Pn	Pn	05 31 27.8 +0.3	H19K	Roundabout Moun	3.62 319	P	05 31 42.5 +0.4	
SUA	Susitna One	1.46 180	P	Pn	05 31 14.2 0.0	I20K	Naaghdeneel	2.51 321		Pn	05 31 28.3 +0.9	M26K	Nabesna, AK	3.62 95	IAML	05 31 42.2 -0.1	
L20K	Farwell, AK	1.51 255	Pn	Pn	05 31 14.6 0.0	I20K	comp=N,1um,0.9s		IAML	05 31 25.3	M26K	comp=N,714nm,0.6s				05 31 42.1	
L20K	Farwell, AK	1.51 255	Pn	Pn	05 31 14.6 0.0	I20K	comp=E,2um,1.0s		IAML	05 32 22.9	M26K	comp=E,375nm,0.5s				05 32 47.4	
STLK	Strandline Lak	1.51 200	Pn	Pn	05 31 14.7 -0.1	I20K	Naaghdeneel	2.51 321	P	Pn	05 31 28.2 +0.8	O18K	Koktuh Hills	3.74 217	Pn	05 31 44.5 +0.6	
M20K	Styx River	1.52 228	Pn	Pn	05 31 14.6 -0.2	IL31		2.53 41	Pn	Pn	05 31 27.8 +0.1	O18K	comp=N,178nm,0.9s			05 32 28.0	
M20K	comp=N,2um,0.3s		IAML		05 31 34.4 -0.5	ILAR	Eielson Array	2.53 41	P	Pn	05 31 27.8 0.0	O18K	comp=N,186nm,0.9s			05 32 34.6	
M20K	comp=N,2um,0.3s		IAML		05 31 37.7	ILAR	Eielson Array	2.53 41	P	Pn	05 31 27.6 -0.2	O18K	comp=N,186nm,0.9s			05 31 44.4 +0.4	
M20K	Styx River	1.52 228	P	Pn	05 31 14.7 -0.2	ILAR	comp=E,152nm,0.5s,baz=220,slow=14,SNR=672		S	Pn	05 31 57.2 -0.9	O18K	Koktuh Hills	3.74 217	P	05 31 44.0 +0.4	
M20K	baz=46		S	Sn	05 31 34.6 -0.4	NCT	North Crescent	2.58 205		Pn	05 31 28.7 +0.2	AU22	Augustine Moun	3.77 201	Pn	05 31 46.0 +1.7	
PMR	Palmer	1.53 149	P	Pn	05 31 14.8 -0.1	RDWB	Redoubt West	2.63 203		Pn	05 31 29.6 +0.4	AUCH	Augustine Cone	3.79 201	Pn	05 31 46.2 +1.5	
PMR	Palmer	1.53 149	P	Pn	05 31 14.9 -0.1	HARP	HAARP	2.63 99		Pn	05 31 29.8 +0.6	G21K	Allakaket	3.80 343	IAML	05 31 45.3 +0.6	
PMR	comp=E,3um,0.3s		IAML		05 31 36.4	HARP	baz=284		Pn	05 31 29.8 +0.6	G21K	comp=E,178nm,1.0s				05 32 42.0	
PMR	comp=N,3um,0.2s		IAML		05 31 36.5	POKR	Poker Plat Res	2.65 32		Pn	05 31 29.7 +0.3	G21K	Allakaket	3.80 343	P	05 31 45.1 +0.4	
PMR	Palmer	1.53 149	P	Pn	05 31 14.7 -0.1	POKR	Poker Plat Res	2.65 32	P	Pn	05 31 29.6 +0.2	J17K	VABM Dome	3.81 281	Pn	05 31 45.1 +0.3	
DHY	Denali Highway	1.55 83	Pn	Pn	05 31 15.3 0.0	KLU	Klutina	2.68 120	Pn	Pn	05 31 29.1 -0.6	J17K	comp=N,197nm,1.1s			05 32 27.9	
DHY	comp=N,3um,0.5s		IAML		05 31 37.9	KLU	Klutina	2.68 120	Pn	Pn	05 31 28.7 -1.0	J17K	VABM Dome	3.81 281	P	05 31 45.0 +0.3	
DHY	comp=E,2um,0.8s		IAML		05 31 39.6	GLI	Glacier Island	2.68 138	P	Pn	05 31 29.2 -0.5	G23K	Banzaa Creek	3.83 4	Pn	05 31 45.8 +0.8	
DHY	Denali Highway	1.55 83	P	Pn	05 31 14.9 -0.4	GLI	Glacier Island	2.68 138	P	Pn	05 31 28.8 -0.9	G23K	Banzaa Creek	3.83 4	Pn	05 31 45.5 +0.6	
K20K	Telida	1.57 288	Pn	Sn	05 31 15.7 +0.3	N19K	Bonanza Creek	2.75 222	Pn	Pn	05 31 31.1 +0.3	VRDI	Verde Repeater	3.83 113	Pn	05 31 44.5 -0.8	
K20K	comp=N,3um,0.3s		IAML		05 31 36.4	N19K	comp=N,588nm,0.8s		IAML	05 32 23.7	VRDI	comp=N,511nm,0.8s				05 32 41.3	
K20K	Telida	1.57 288	P	Pn	05 31 15.7 +0.3	N19K	Bonzaa Creek	2.75 222	P	Pn	05 31 31.0 +0.3	VRDI	comp=N,511nm,0.8s				05 32 42.2
K20K	baz=105		S	Sn	05 31 35.5 -0.6	J18K	Innokko River	2.76 284	Pn	Pn	05 31 31.3 +0.6	RAGM	Ragged Mountain	3.85 128	Pn	05 31 44.9 -0.5	
SML	Sawmill	1.58 133	Pn	Pn	05 31 15.9 +0.3	J18K	Innokko River	2.76 284	P	Pn	05 32 04.1	N17K	Nushagak Hills	3.89 235	Pn	05 31 45.8 -0.1	
SML	comp=N,4um,0.6s		IAML		05 31 41.1	J18K	comp=E,414nm,0.9s		IAML	05 31 31.1 +0.3	N17K	comp=N,144nm,1.0s				05 32 56.9	
SML	Sawmill	1.58 133	P	Pn	05 31 15.7 0.0	M18K	Stony River	2.77 241	Pn	Pn	05 31 30.8 -0.2	N17K	Nushagak Hills	3.89 235	P	05 31 45.7 -0.1	
SPCG	Spurr Capps Gl	1.73 201	Pn	Pn	05 31 17.9 +0.3	M18K	Stony River	2.77 241	Pn	Pn	05 31 30.8 -0.2	MCAR	McCarthy VSAT	3.94 109	Pn	05 31 46.5 -0.1	
CRP	Crater Peak	1.78 202	Pn	Pn	05 31 18.3 +0.1	M18K	Stony River	2.77 241	Pn	Pn	05 31 30.8 -0.2	MCAR	McCarthy VSAT	3.94 109	P	05 31 46.1 -0.5	
SPCP	Crater Peak Br	1.78 202	Pn	Pn	05 31 18.7 +0.5	L18K	Granite Mounta	2.83 258	Pn	Pn	05 31 32.0 +0.2	H25L	Birch Creek	3.98 30	Pn	05 31 47.8 +0.7	
FIS	Fire Island	1.79 172	Pn	Pn	05 31 19.2 +1.1	L18K	Granite Mounta	2.83 258	P	Pn	05 31 31.7 -0.1	H25L	Birch Creek	3.98 30	Pn	05 31 47.8 +0.7	
SPNN	North Naghshia	1.80 211	Pn	Pn	05 31 19.0 +0.5	SEW	Seward	2.89 167	P	Pn	05 31 32.1 -0.3	H25L	Birch Creek	3.98 30	Pn	05 31 47.8 +0.7	
M23K	Glacier View	1.81 127	Pn	Pn	05 31 18.1 -0.4	SEW	Seward	2.89 167	P	Pn	05 31 32.2 -0.3	H18K	Honhosa River	4.03 307	IAML	05 31 48.3 +0.5	
M23K	Glacier View	1.81 127	P	Pn	05 31 18.0 -0.4	H21K	Melozitna Rive	2.90 343	IAML	Pn	05 31 33.0 +0.4	H18K	comp=E,145nm,1.1s			05 32 33.9	
SPCN	Chakachata No	1.82 202	Pn	Pn	05 31 19.5 +0.9	H21K	comp=E,411nm,1.0s		IAML	05 32 06.2	H18K	comp=N,129nm,1.1s				05 32 33.9	
SPBG	Spurr Blockage	1.83 205	Pn	Pn	05 31 19.3 +0.6	SVW2	Sparvevohn	2.92 233	P	Pn	05 31 33.0 +0.1	H18K	Honhosa River	4.03 307	P	05 31 48.4 +0.6	
NEA2	Nenana	1.84 23	Sn	Pn	05 31 18.9 +0.1	SVW2	Sparvevohn	2.92 233	P	Pn	05 31 32.8 -0.1	HMT	Hamilton	4.04 127	Pn	05 31 46.8 -1.0	
NEA2	comp=N,1um,0.9s		IAML		05 31 40.2 -1.5	J25K	Salcha River	2.94 52	Pn	Pn	05 31 33.1 -0.1	G22K	Bettles	4.04 356	P	05 31 48.1 +0.3	
NEA2	comp=N,1um,0.9s		IAML		05 31 41.4	J25K	comp=N,659nm,0.5s		IAML	05 32 15.1	G22K	Bettles	4.04 356	P	05 31 48.1 +0.3		
NEA2	Nenana	1.84 23	P	Pn	05 31 18.7 -0.1	J25K	comp=E,609nm,0.6s		Pn	05 31 32.9 -0.3	K27K	Chicken	4.05 70	Pn	05 31 47.9 -0.1		
NEA2	baz=205		S	Sn	05 31 40.7 -1.5	DIV	Divide	2.95 125	Pn	Pn	05 31 32.4 -1.1	K27K	comp=N,258nm,0.9s			05 31 47.9 -0.1	
KNK	Knik Glacier	1.85 143	Pn	Pn	05 31 19.2 +0.2	H23K	Yukon River	2.97 10	Pn	Pn	05 31 34.0 +0.5	L27K	Beaver Creek,	4.08 84	Pn	05 31 48.3 -0.1	
KNK	Knik Glacier	1.85 143	P	Pn	05 31 18.7 -0.2	H23K	Yukon River	2.97 10	Pn	Pn	05 31 33.9 +0.3	L27K	comp=N,152nm,1.1s			05 32 53.6	
N20K	Mout Spurr	1.85 202	P	Pn	05 31 19.0 0.0	FID	Port Fidalgo	2.97 135	Pn	Pn	05 31 32.6 -0.9	L27K	comp=N,152nm,1.1s			05 32 56.7	
SPCR	Spurr Chakacha	1.85 202	Pn	Pn	05 31 19.3 +0.2	H22K	Ishlailitna Cre	3.00 355	Pn	Pn	05 31 34.3 +0.4	L27K	comp=E,143nm,0.7s			05 31 48.0 -0.5	
SPCR	Spurr Chakacha	1.85 202	Pn	Pn	05 31 18.1 -0.9	H22K	Ishlailitna Cre	3.00 355	P	Pn	05 31 34.4 +0.4	L27K	Beaver Creek, AK	4.08 84	P	05 31 48.0 -0.5	
SPCR	Spurr Chakacha	1.85 202	P	Pn	05 31 18.1 -0.9	H22K	Ishlailitna Cre	3.00 355	P	Pn	05 31 34.3 +0.4	L27K	Beaver Creek, AK	4.08 84	P	05 31 48.0 -0.5	
RC01	Rabbit Creek A	1.89 165	Pn	Pn	05 31 19.1 -0.4	IVE	Iliamna Volcan	3.10 201	Pn	Pn	05 31 36.4 +0.9	BCAR	Beaver Creek A	4.09 84	Pn	05 31 48.2 -0.4	
RC01	comp=N,2um,0.3s		IAML		05 31 42.9 -0.3	DOT	Dot Lake	3.11 73	Pn	Pn	05 31 35.2 -0.3	Q23K	Middleton Isla	4.09 147	Pn	05 31 48.0 -0.6	
RC01	comp=E,2um,0.5s		IAML		05 31 53.5	WACK	Wrangle Chich	3.13 104	Pn	Pn	05 31 35.8 -0.1	Q23K	comp=N,490nm,1.0s			05 33 08.7	
RC01	Rabbit Creek A	1.89 165	P	Pn	05 31 18.8 -0.6	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
RC01	baz=346		S	Sn	05 31 43.0 -0.3	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
SCM	Sheep Creek Mo	1.93 123	Pn	Pn	05 31 19.9 -0.1	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
SCM	comp=N,3um,0.7s		IAML		05 31 45.3	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
SCM	Sheep Creek Mo	1.93 123	P	Pn	05 31 19.7 -0.3	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
WRH	Wood River Hil	1.96 36	Pn	Pn	05 31 20.3 0.0	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
WRH	comp=N,762nm,0.8s		IAML		05 31 47.1	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
M19K	Big River Lodg	1.97 241	Pn	Pn	05 31 20.0 -0.5	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
M19K	Big River Lodg	1.97 241	P	Pn	05 31 20.2 -0.3	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
J20K	Nowinta River	1.98 311	Pn	Sn	05 31 21.1 +0.6	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
J20K	comp=E,1um,0.8s		IAML		05 31 44.1 -1.0	H20K	Anotleneega Mo	3.15 327	P	Pn	05 31 36.4 +0.4	Q23K	comp=N,490nm,1.0s			05 33 10.4	
J20K	comp=N,1																

10d 5h

Table with columns: SPITS, DBG, R32A, ICES3, E46A, KSU1, L40A, K43A, OK032, OK032, SCH0, SCH0, SCHQ, P40A, P40A, T35A, R40A, R40A, S39A, S39A, WMOK, WMOK, FNO, U38A, L48A, CCM, VHRN, VHRN, HHAR, HHAR, MGMO, T42A, T42A, O48B, TRQ, TRQ, PLPT, PLPT, PBMO, OZNA, OZNA, MIAR, MIAR, LMO, TX31, TXAR, TXAR, TXAR, ACSC, SAND, SAND, BRDY, BRDY, LONY, LONY, N53A, JCT, JCT, M55A, M55A, DRIO, DRIO, HND0, HND0, U49A, Y45A, ARCES, X48A, X48A, LRAL, LRAL, T59A, T59A, KRSR, SONM, NB2, NOA, ZALV, ZALV, FINES, FINES, HFS, ARU, EKA, BRVK, BRVK, BVAR, KURBB, MKAR, MKAR, ABKAR, ABKAR, AKASG, GERES, KK31, KKAR, BUR08, KBZ

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Table with columns: GAR, CHGR, ESCD, BRTR, RUSC, RUSC, CMAR, PLCA, QSPA, LYU, LYUB, LAY, LAY, TWKB, TWKB, TWK1, TWK1, SMST, SMST, SNW, SNW, HEN, HEN, LIU, LIU, SLIU, TAWH, TAWH, TAWH, TAW, TAW, EAST, EAST, SCZT, SCZT, ECL, ECL, LDUT, LDUT, LDUT, TWP, TTT, TTT, MASB, MASB, MASB, TWGB, TWGB, TWG, TWG, TSMG, TSMG, SSD, SSD, LONT, LONT, LONT, EDH, EDH, SCST, SCST, CHKT, CHKT, CHKT, ECS, ECS, SLGT, SLGT, CHKH, CHKH, FULB, FULB, FULB, ELDTW, ELDTW, SGST, SGST, SGST, STYT, STYT, STYT, STYH, STYH

562

Table with columns: SHHT, SHHT, EYUL, EYUL, EYUL, CHN1, TWF1, WTP, WTP, SNST, YULB, YULB, YULB, SSHA, TPUB, TPUB, SCLT, SCLT, SCLT, CHN4, HGSD, HGSD, EHY, TSCK, TSCK, WCKO, ALS, ICHU, ICHU, WARB, WHYT, WHYT, VWDT, VWDT, VWDT, WSL, WSL, SHUL, SHUL, ESL, WDLH, WDLH, WDLH, SSLB, SSLB, SSLB, WDG, WDG, WDG, WTK, WTK, TEYL, WSF, SMLT, VCHM, VCHM, VCHM, TYC, WNT, OWD, OWD, OWD, WUSB, WUSB, RLNB, WRL, WRL, CHGB, CHGB, CHGB, PHUB, PHUB, PHUB, TWD, TWD, TWD, PWF, PWF, PWF, WHF, WHF, NACB, NACB, NACB, EOSA, FUSS, FUSS, WHP, TWQ1, EOSS, NNS, NNS, ENA, ENA, ENA, EWUT, LATG, LATG, LATG, TWC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NNSST Nanjuang, LIOB Emei, YHNB Yeheng, etc.

IDC 10 05:43:45.7±8.6, 18.88S±177.99W, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=375.7km s-min=42.3km az=143.0

ISC 10 05:43:49.1±4.5, 18.51S±178.4W±0.7, h10km, n9, ±1545/9, mb3.6/3, Fiji Islands region

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

IDC 10 05:52:16.9±1.0, 52.60N±34.67W, h0km, mb3.5/15, mbmp3.5/16, ML3.9/1, MS3.2/16, Error ellipse: s-maj=29.7km s-min=16.9km az=7.0

NEIC 10 05:52:19.0±1.8, 53.0N±134.80W±0.06, h10km, 1km, mb4.0/25, Error ellipse: s-maj=25.3km s-min=6.8km az=183.0

ISC 10 05:52:18.5±0.6, 52.72N±134.69W±0.07, h10km, n55, ±086/42, mb3.8/23, MS3.3/14, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NRS Narsarsuaq, HORN FLORES T-PHASE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LMN Caledonia Moun, BATG Bathurst New B, etc.

ASRS 10 06:20:04.0±0.2, 49.1N±2.85E, h5km, MLh3.5/10, Error ellipse: s-maj=4.5km s-min=2.3km az=137.9, confirmed

NNC 10 06:20:10.6±1.9, 48.98N±84.58E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.9km s-min=8.1km az=94.0

ISC 10 06:20:08.0±0.8, 48.85N±104.8473E±0.03, h10km, n22, ±175/45, 8C-5D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DGZ Jazator, UKR Ust-Kan, etc.

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

IDC 10 06:24:28.1±1.2, 13.05S±45.63E, h0km, mb3.7/5, mbmp3.8/7, ML4.0/2, MS3.3/6, Error ellipse: s-maj=39.7km s-min=23.3km az=148.0

NEIC 10 06:24:30.7±1.6, 13.17S±0.05±45.5E±0.2, h10km, 2km, mb4.1/7, Error ellipse: s-maj=26.6km s-min=7.1km az=278.0

ISC 10 06:24:29.5±0.8, 13.17S±0.09±45.6E±0.1, h10km, n18, ±098/16, mb3.8/5, MS3.3/4, Northwest of Madagascar

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

NEIC 10 06:36:43.7±1.0, 19.431N±100.009S±155.290W±0.007, h5km, Error ellipse: s-maj=1.7km s-min=1.2km az=196.0

HVO 10 06:36:43.2±0.9, 19.415N±101.155276W±0.006, h1km, 5km, ML2.9/39, ML2.8/41 (NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=156.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OBL Observatory Le, UWB Uwekahuna B, etc.

TEH 10 06:41:33.9, 35.75N±49.05E, h5km, ML3.9, Western Iran

10d 7h

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMD1 Meshkindasht, HSAM Samen, IBZA Bozab, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RIM Rim, BYL Byron's Ledge, SDHH Sand Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EDH Donghe, HWA Hwalien, EOSA EOSA, etc.

NEIC 10 06:46:03.7:1.4, 19.400N, 0.010:155.268W, 0.009, h15km, 1km, Error ellipse: s-maj=1.5km s-min=1.2km az=174.0

HVO 10 06:46:04.1:1.0, 19.401N, 0.010:155.275W, 0.006, h1km, 3km, ML2.7/33, ML2.6/33(NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=168.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RIM Rim, KKO Keanakako'i, BYL Byron's Ledge, etc.

IDC 10 07:29:21.8:1.8, 6.04S, 129.45E, h0km, mb3.8/2, mbtmp3.7/4, ML3.8/2, Error ellipse: s-maj=119.0km s-min=28.9km az=70.0, Banda Sea

WRA Warramunga Arr 14.61 161 Pn 0.4mm, 0.3s, baz=340, slow=12, SNR=24

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

IDC 10 07:29:21.0:5.2, 22.04N, 122.45E, h0km, mb3.5/3, mbtmp3.7/4, ML3.6/1, Error ellipse: s-maj=119.7km s-min=55.0km az=170.0

NIED 10 07:29:34.2:3.3:31N, 122.03E, h40km, MW3.7, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm; Mr=0.13; Ms=1.78; Mss=1.65; Mss2=0.08; Mss3=3.06; Mr=0.27; Fault plane solution: Mo4.08000x10^14 NP1: phi=104.00000, lambda=89.00000, lambda31.00000. NP2: phi=14.00000, lambda=55.00000, lambda179.00000

JMA 10 07:29:34.2:0.1, 23.32N, 0.7x122.0E, h0km, MV3.6/18, TAIWAN REGION

ASIES 10 07:29:35.1:23.32N, 122.02E, h32km, ML4.2, Mw3.7, Moment Tensor Solution, Moment tensor: Scale 10^21Nm; Mr=1.29; Ms=0.97; Mss=2.26; Mss3=3.35; Mr=1.73; Mr=1.16; Fault plane solution: Mo4.40833x10^21 NP1: phi=117.93000, lambda=80.01000, lambda57.48000. NP2: phi=12.70000, lambda=33.86000, lambda161.85000. Principal axes: T Plg45.2270, Azm355.2610; N Plg31.9680, Azm124.2430; P Plg27.6750, Azm233.3480

TAP 10 07:29:35.1, 23.32N, 122.02E, h32km, ML4.2, D ISC 10 07:29:31.8:1.0, 23.31N, 102.122:11E, 0.02, h14km, 7km, n163, phi=193/252, mb3.5, 20C-16D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HGSD Ruisui, CHKH Chenggong, CHHK Chihku, etc.

WGSB Warramunga Arr 14.61 161 Pn 0.4mm, 0.3s, baz=340, slow=12, SNR=24

WRA Warramunga Arr 14.61 161 Pn 0.4mm, 0.3s, baz=340, slow=12, SNR=24

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

DNK 10 06:58:16.9:1.8, 84.25N, 1.59E, h36km, 23km, ML1.5

BER 10 06:58:17.7:2.7, 84.06N, 0.07W, h10km, mb(Pn)3.6, ML1.5(DNK), Confirmed Earthquake

ISC 10 06:58:19.0:2.8, 83.6N, 0.2:0.97W, h10km, n13, phi=25/21, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NOR Nord, NOR Nord, KBS Kingsbay, etc.

WTP Ta-pu 1.37 268 i/P Pn 07 29 57.7 +0.6

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like EHD Haiduan, EYUL Yuli, WDJ Dajia District, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like LDUT, LATG Datong, NSK Sangungu, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like MBWA Marble Bar, PSAO0 Pilbara Seismi, CMAR Chiang Mai Arr, etc.

IDC 10 08:21:27.6:1.4, 6.71N:126.41E, h67km, 11km, mb4.1/25, mbmp4.4/26, MS3.2/19, Error ellipse: s-maj=23.2km s-min=10.6km az=70.0

BUI 10 08:21:27.8:0.0, 6.59N:126.33E, h76km, mb4.7/34, mB4.8/7

DJA 10 08:21:28.9:1.8, 6.11N:121.26E, h15km, 23km, M4.8/9, mB5.2/7, mb5.0/9, MLV4.8/6, Mw(mb)4.6/7

NEIC 10 08:21:28.7:0.9, 6.68N:102.84E, h75km, 6km, mb4.5/64, Error ellipse: s-maj=14.3km s-min=9.4km az=58.0

ISC 10 08:21:27.7:0.3, 6.66N:102.84E, h68km, 11km, mb4.5/61, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like DAV Davao City (W), DAV Davao City (N), DAV Davao City (S), etc.

Table with columns: LIOB, S, Sn, 14 29 12.2 -0.6, etc. Lists various station names and their associated data points.

Table with columns: eastern Honshu, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Kesennunamotoy, Ofunato, etc.

Table with columns: JMA 10 14:32:33.7, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Rokugo, Yuwa, Kaneyama, etc.

Table with columns: NOU 10 14:34:42.8, WEL 10 14:34:43.1, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Neils Beach, Jackson Bay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists a large number of stations including Neils Beach, Jackson Bay, Makarora Emerg, etc.

Table with columns: IDC 10 14:46:15.8, NNC 10 14:46:20.1, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Ala-Archa, Tuamari, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AAK, KK31, TKM2, etc.

Table with columns: 0.6nm, 0.4s, FINES, ARCS, HFS, NOA, TOR. Lists stations like Fines, ARCS Array B, HFS, etc.

IDC 10 14:48:45.8, 3.3, 3.92N, 94.109E, h0km, mb3.7/2, mbmp3.7/3, ML4.6/2, Error ellipse: s-maj=122.8km s-min=38.0km az=57.0

ISC 10 14:48:47.1, 2.4, 3.9N, 102.941E, 0.4, h10km, n22, c1f97/9, Off west coast of northern Sumatra

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

KRSC 10 14:54:00.7, 1.3, 5.3, 30N, 168.52E, h19km, 24km, ML3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Bering, Tumrok, Kelenaya, etc.

MOS 10 14:55:17.2, 0.9, 2.7, 21N, 143.37E, h10km, mb5.0/58, Error ellipse: s-maj=10.2km s-min=4.6km az=120.6

IDC 10 14:55:17.4, 0.5, 2.7, 22N, 143.45E, h0km, mb4.7/29, mbmp4.7/35, ML4.1/6, MS3.8/23, Error ellipse: s-maj=14.6km s-min=12.1km az=73.0

BUI 10 14:55:18.0, 0.0, 2.7, 30N, 143.40E, h10km, mb4.8/76, mb4.8/28, Ms4.1/43, Ms7.4/49

NEIC 10 14:55:19.6, 1.1, 2.7, 29N, 108.143, 39E, 0.08, h10km, 1km, mb5.0/282, Error ellipse: s-maj=14.7km s-min=9.4km az=142.0

JMA 10 14:55:22.3, 0.2, 2.7, 3N, 0.7, 143.3E, 0.7, h44km, MD4.4/28, MV4.9/28, NEAR CHICHIJIMA ISLAND

ISC 10 14:55:22.8, 0.3, 2.7, 27N, 104.143, 37E, 0.05, h35km, n79S, c1f34/692, mb4.9/228, MS4.0/39, 20C-17D, Bonin Islands region

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

JMA 10 14:31:54.9, 0.1, 38.6N, 0.3, 142.4E, 0.6, h25km, 2km, MV1.8/26, E OFF MIYAGI PREF, Near east coast of

10d 14h

2018 JUN

Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MAJO Matushiro, MAJW Matushiro, MJB9 Matsu-Tunnel, etc.

Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BJI Beijing, BJI Beijing, BJI Beijing, etc.

Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PZH, PZH, PZH, etc.

M16K	Timber Creek	50.96	32	P	P	15 04 20.3	-0.4
P16K	Nushagak River	50.98	35	P	P	15 04 21.0	+0.3
I17K	Unalakleet	51.00	28	P	P	15 04 21.3	+0.4
O16K	Kokwok River B	51.05	34	P	P	15 04 20.5	-0.8
MK31	Makanchi Array	51.18	309i	eP	P	15 04 22.9	+0.3
MKAR	Makanchi Array	51.18	309	P	P	15 04 22.9	+0.3
MKAR	Makanchi Array	51.18	309	P	P	15 04 23.1	+0.5
MKAR	comp=Z,2.8nm,0.6s,baz=92,slow=8.5,SNR=29				LR	15 27 49.8	
MKAR	comp=Z,1.76nm,18.9s,baz=90,slow=38						
MKAR	comp=Z,2.8nm,0.6s						
MKAR	comp=Z,4.0nm,0.8s	51.18	309	iP	P	15 04 23.1	+0.5
ASAR	Alice Springs	51.45	191	P	P	15 04 23.8	-1.0
ASAR	comp=Z,3.8nm,0.6s,baz=1.4,slow=5.2,SNR=11				PcP	15 05 39.4	+0.5
D17K	Noatak River	51.46	23	P	P	15 04 23.5	-0.7
J17K	VABM Dome	51.54	29	IAMB	IAMB	15 04 27.1	
J17K	VABM Dome	51.54	29	P	P	15 04 24.7	-0.3
G17K	Kiwalik Mouta	51.55	26	P	P	15 04 24.9	-0.1
L17K	Donlin	51.55	31	P	P	15 04 24.5	-0.5
O17K	Koliganek Bris	51.58	34	P	P	15 04 24.9	-0.4
F17K	Baldwin Pennin	51.64	25	P	P	15 04 25.7	+0.1
H17K	Granite Mouta	51.66	27	P	P	15 04 25.7	-0.1
RDOG	Red Dog Mine	51.66	23	P	P	15 04 26.4	+0.5
E17K	Hotnam Inlet	51.67	24	P	P	15 04 26.3	+0.5
N17K	Nushagak Hills	51.69	33	IAMB	IAMB	15 04 28.1	
N17K	Nushagak Hills	51.69	33	P	P	15 04 26.5	+0.3
K17K	Iditarod	51.70	30	IAMB	IAMB	15 04 28.3	
K17K	Iditarod	51.70	30	P	P	15 04 26.4	+0.3
CHIR	Chirikof Islan	51.70	39	P	P	15 04 26.1	-0.2
C17K	De Long Moutai	51.74	22	P	P	15 04 26.5	0.0
M17K	Holitna River	51.77	32	IAMB	IAMB	15 04 28.6	
M17K	Holitna River	51.77	32	P	P	15 04 27.0	+0.2
P17K	Kvichak River	51.80	35	P	P	15 04 27.0	+0.1
Q17K	Contact Creek	51.92	36	P	P	15 04 27.6	-0.4
E18K	Tukpahlearik C	52.23	24	P	P	15 04 30.2	+0.1
F18K	Selawik	52.30	25	P	P	15 04 30.4	-0.1
L18K	Granite Mouta	52.30	31	P	P	15 04 30.5	-0.1
H18K	Honhosa River	52.35	27	P	P	15 04 31.3	+0.3
N18K	Kilae Creek	52.35	33	P	P	15 04 30.8	-0.3
P18K	Big Mountain,	52.44	35	IAMB	IAMB	15 04 30.3	
P18K	Big Mountain,	52.44	35	P	P	15 04 31.4	-0.4
G18K	Tagagawik	52.46	26	P	P	15 04 32.2	+0.5
O18K	Utukok River	52.48	22	P	P	15 04 32.0	0.0
C18K	Koktuh Hills	52.53	34	IAMB	IAMB	15 04 34.3	
O18K	Koktuh Hills	52.53	34	P	P	15 04 32.6	+0.2
M18K	Stony River	52.54	32	P	P	15 04 32.6	+0.2
B18K	Kokolik River	52.56	21	P	P	15 04 32.5	0.0
R18K	Karluk	52.57	37	P	P	15 04 33.0	+0.4
SEM	Semipalatinsk	52.58	314	eP	P	15 04 32.9	-0.3
SEM	Semipalatinsk	52.58	314	eP	P	15 04 32.8	-0.4
J18K	Innokov River	52.59	29	P	P	15 04 32.7	-0.1
SII	Sitkinak Islan	52.59	38	P	P	15 04 32.9	0.0
O19K	Port Alsworth	53.03	34	P	P	15 04 36.1	+0.1
N19K	Bonanza Creek	53.05	33	P	P	15 04 35.9	-0.5
F19K	Shalereckik Mo	53.08	25	P	P	15 04 36.5	+0.2
A19K	Wainwright	53.13	21	P	P	15 04 36.8	+0.2
L19K	White Mountain	53.13	31	P	P	15 04 37.3	+0.4
G19K	Purcell Mouta	53.14	26	P	P	15 04 37.4	+0.6
OHAK	Old Harbor	53.16	37	P	IAMB	15 04 36.7	-0.3
OHAK	comp=Z,1.3nm,0.8s					15 04 36.0	-1.0
Q19K	Cape Douglas,	53.18	35	P	P	15 04 35.9	-1.3
J19K	Poorman	53.19	29	IAMB	IAMB	15 04 38.6	
J19K	Poorman	53.19	29	P	P	15 04 36.9	-0.2
C19K	Lookout Ridge	53.19	22	P	P	15 04 37.0	-0.2
H19K	Roundabout Mou	53.22	27	IAMB	IAMB	15 04 39.2	
H19K	Roundabout Mou	53.22	27	P	P	15 04 37.3	-0.1
M19K	Big River Lodg	53.29	32	P	P	15 04 37.8	-0.2
SHLS	Shalkode	53.34	305	eP	P	15 04 36.4	-2.4
SHLS	Shalkode	53.34	305	eP	P	15 04 36.3	-2.5
E19K	Redstone River	53.47	24	P	P	15 04 39.5	+0.2
D19K	Kuna River	53.49	23	P	P	15 04 38.9	-0.5
P19K	Oil Pt	53.49	34	P	P	15 04 38.8	-0.7
KDAK	Kodiak Island	53.59	37	P	P	15 04 39.8	-0.4
KDAK	Kodiak Island	53.59	37	P	P	15 04 39.9	-0.4
KDAK	Kodiak Island	53.59	37	P	P	15 04 39.8	-0.4
KURK	Kurchatov	53.62	314	P	P	15 04 40.6	0.0
KURK	Kurchatov	53.62	314	iP	P	15 04 40.8	+0.2
L20K	Farewell, AK	53.64	31	P	P	15 04 41.0	+0.4
KURB	Kurchatov Arra	53.68	314	P	P	15 04 41.4	+0.4
K20K	Telida	53.72	30	P	P	15 04 41.6	+0.5
Q20K	Shuyak Island	53.78	36	P	P	15 04 41.1	-0.5
H20K	Anotleneega Mo	53.85	27	P	P	15 04 41.8	-0.2
O20K	Slope Mountain	53.85	34	P	P	15 04 41.5	-0.7
I20K	Naaghedneel	53.85	28	P	P	15 04 41.6	-0.4
J20K	Novinta River	53.86	29	P	P	15 04 42.8	+0.8
M20K	Styx River	53.88	32	P	P	15 04 42.5	+0.1
DZM	Mont Dumac	53.89	153	eP	P	15 04 41.9	-1.0
DZM	comp=Z,4.5nm,1.1s				eLR	15 20 20.7	
DZM	Mont Dumac	53.89	153	P	P	15 04 42.8	-0.1
DZM	comp=Z,1.62nm,22.8s				IAMB	15 04 44.3	
F20K	Avarart Lake	53.92	25	P	P	15 04 42.6	+0.2
COLA	COLA	53.92	25	P	P	15 04 42.6	+0.2
TDK	Taldygorghan	53.96	307	eP	P	15 04 43.4	+0.2
TDK	Taldygorghan	53.96	307	eP	P	15 04 43.3	+0.2
D20K	Etiuvik River	54.08	23	P	P	15 04 44.2	+0.6
E20K	Nigu River	54.09	24	P	P	15 04 44.3	+0.5
SATY	Saty	54.12	305	eP	P	15 04 44.8	+0.2
SATY	Saty	54.12	305	eP	P	15 04 44.7	+0.2
N20K	Mount Spurr	54.21	33	P	P	15 04 44.5	-0.3
SPCR	Spurr Chakacha	54.21	33	P	P	15 04 43.9	-0.9
HOM	Home	54.29	35	P	P	15 04 45.2	0.0
B20K	Meade River	54.31	21	P	P	15 04 45.3	+0.1
PPLA	Purkeypile	54.48	31	P	P	15 04 46.9	+0.1
CHUM	Lake Minchumin	54.59	29	P	P	15 04 47.7	+0.3
CAST	Castle Rocks	54.61	30	IAMB	IAMB	15 04 49.3	
CAST	Castle Rocks	54.61	30	P	P	15 04 47.7	0.0
G21K	Allakaket	54.63	26	P	P	15 04 47.8	0.0
SKT	Skwentna	54.64	32	IAMB	IAMB	15 04 48.5	
SKT	Skwentna	54.64	32	P	P	15 04 47.4	-0.5
H21K	Melozitna River	54.73	27	IAMB	IAMB	15 04 50.5	
H21K	Melozitna River	54.73	27	P	P	15 04 48.6	+0.2
BRSE	Bradley Lake S	54.75	34	P	P	15 04 48.5	-0.2
F21K	Alatna River	54.81	25	P	P	15 04 49.2	+0.2
C21K	Knifeblade Rid	54.84	23	P	P	15 04 49.8	+0.6
A21K	Barrow	54.92	20	P	P	15 04 49.9	+0.2
E21K	Killik River	54.93	24	P	P	15 04 50.0	+0.1
SUA	Susitna One	54.94	32	P	P	15 04 50.1	0.0
I21K	Tanana	54.97	28	P	P	15 04 50.3	0.0
B21K	Ikpikpuk River	55.03	22	IAMB	IAMB	15 04 53.4	
B21K	Ikpikpuk River	55.03	22	P	P	15 04 51.1	+0.6
CHKK	Chushkaly	55.07	306	eP	P	15 04 51.5	+0.2
CHKK	Chushkaly	55.07	306	eP	P	15 04 51.5	+0.2
MDOK	Medeo	55.10	305	eP	P	15 04 52.1	+0.4
MDOK	Medeo	55.10	305	eP	P	15 04 52.0	+0.4
TNSS	Tian-Shan	55.19	305	eP	P	15 04 52.2	-0.4
TNSS	Tian-Shan	55.19	305	eP	P	15 04 52.1	-0.5
AAA	Alma-Ata	55.19	305	eP	P	15 04 52.3	0.0
AAA	Alma-Ata	55.19	305	eP	P	15 04 52.2	0.0
BPWA	Bear Paw Mtn.	55.20	29	P	P	15 04 51.9	0.0
M22K	Willow	55.27	32	IAMB	IAMB	15 04 53.7	
M22K	Willow	55.27	32	P	P	15 04 52.7	+0.3
CUT	Chulitna	55.28	31	P	P	15 04 52.5	0.0
A22K	Sinclair Lake	55.32	21	P	P	15 04 53.0	+0.4
O22K	Cooper Landing	55.33	34	P	P	15 04 52.6	-0.2
H22K	Ishlittina Cre	55.35	27	P	P	15 04 53.3	+0.4
RC21	Rabbit Creek A	55.39	33	IAMB	IAMB	15 05 54.6	
RC01	Rabbit Creek A	55.39	33	P	P	15 04 53.0	-0.3
SEW	Seward	55.43	34	P	P	15 04 53.4	-0.1
MLY	Manley	55.46	28	IAMB	IAMB	15 04 55.5	
MLY	Manley	55.46	28	P	P	15 04 54.0	+0.2
G22K	Bettles	55.50	26	P	P	15 04 54.1	+0.2
D22K	Ayikyak River	55.50	23	P	P	15 04 54.2	+0.3
KUU	Kurty	55.53	306	eP	P	15 04 54.5	-0.2
KUU	Kurty	55.53	306	eP	P	15 04 54.4	-0.2
B22K	Teshhepuk Lake	55.62	21	P	P	15 04 54.9	+0.1
E22K	Anaktuvuk Pass	55.64	24	P	P	15 04 55.6	+0.6
PMR	Palmer	55.73	32	IAMB	IAMB	15 04 55.9	
PMR	Palmer	55.73	32	P	P	15 04 55.4	-0.2
KNK	Knik Glacier	56.03	33	IAMB	IAMB	15 04 59.5	
KNK	Knik Glacier	56.03	33	P	P	15 04 57.7	-0.1
G23K	Bananza Creek	56.04	26	P	P	15 04 58.5	+0.6
RND	Reindeer	56.05	30	IAMB	IAMB	15 04 58.3	
MCK	Oldale	56.05					

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CTG Chitna Glacier, CTGM Chitna Glacier, EGAK Eagle, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like S32K Killisnoo, P32M Atlin, P32M Atlin, N32M Quiet Lake, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PAHR Pah Rah Range, CMB Columbia Colie, KEF Keuruu, etc.

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R. Includes stations like AK09 Malin Array Si, GMRC Granite Mount, PMD Palm Desert, etc.

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R. Includes stations like MNXT Cornudas Mount, LPIG La Paz, MSTX Muesha, etc.

Table with columns: Call Sign, Name, Az, El, P, R, Az, El, P, R. Includes stations like GTOI Gorontolo, ARMA Armadale, ARMA Armadale, etc.

10d 15h

Table of station data for 10d 15h, including station codes (S12K, O14K, MKAR, etc.), names (Black Hills, Tigykaukvet M, etc.), coordinates, and various parameters like elevation and SNR.

Table of station data for NEIC 10 15:00:48.4, 1.7, 12.41'N, 0.06:145.45E, 0.1, h10km, 2km, mb4.7/9, Error ellipse: s-maj=22.8km s-min=8.6km az=73.0

2018 JUN

Main table of station data for 2018 JUN, listing stations like MAJO Matsushiro, MAJO, MJB9, etc., with their respective coordinates and parameters.

IDC 10 15:11:05.8, 1.1, 26.70'N:142.11'E, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=62.6km s-min=15.0km az=9.0

NEIC 10 15:11:12.5, 0.8, 27.0'N:0.1:141.18E, 0.2, h60km, 6km, mb4.4/5, Error ellipse: s-maj=24.9km s-min=17.4km az=48.0

ISC 10 15:11:11.0, 0.1, 26.8'N:0.1:141.18E, 0.1, h35km, n17, r166/16, mb4.4/7, Bonin Islands region

Table of station data for the Bonin Islands region, listing stations like CJC Chichijima, MJAR Matsushiro Arr, etc.

JMA 10 15:23:25.0, 3.7, 37.4'N:0.8:142.12'E, h31km, MV1.7/24, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

Table of station data for the Honshu region, listing stations like JFK Kawauchi, JMST Minamisommatoc, etc.

578

Table of station data for HFS Hagfors, ASAR Ashihara Springs, etc.

IDC 10 15:25:38.8, 1.3, 30.54'N:130.96'E, h0km, mb3.8/5, mbmp3.7/8, ML2.9/4, MS3.4/10, Error ellipse: s-maj=35.0km s-min=18.1km az=97.0

JMA 10 15:25:43.5, 0.2, 30.6'N:0.4:13.1'E, h30km, 1km, MV3.7/37, NEAR TANEGASHIMA ISLAND, JMA Felt J1 at NEAR TANEGASHIMA ISLAND

Table of station data for the Tanegashima Island region, listing stations like JTN Tanegashima 3, JMTN Minamitane, etc.

JMM Monobe, JOW Kunigami, JOW Kunigami, etc. Station data for the Monobe and Kunigami areas.

INU Inuyama, JGF Kuroka, KSRs Korea Array, etc. Station data for Inuyama and Korea Array.

MAJO Matsushiro, MJAR Matsushiro Arr, MJBS Matsushiro Tunnel, etc. Station data for Matsushiro.

ASAJ Ashihara, KLR Kul'dur, HEH Heihe, etc. Station data for Ashihara, Kul'dur, and Heihe.

SONM Songoing Array, PETK Petropavlovsk, CMAR Chiang Mai Arr, etc. Station data for Songoing Array, Petropavlovsk, and Chiang Mai.

H1S1 WAKE ISLAND Hy 34.27 102 T, H1S2 WAKE ISLAND Hy 34.29 102 T, etc. Station data for Wake Island.

MAKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, etc. Station data for Makanchi, Kurchatov, and Borovoye.

WRA Warramunga Arr, ABKAR Akbulat arr, KDAD Kodiak Island, etc. Station data for Warramunga, Akbulat, and Kodiak Island.

KIRV Kirov, BELG Belgorod, C36M Paulatuk, etc. Station data for Kirov, Belgorod, and Paulatuk.

FINES FINESS Array S, FINES FINESS Array B, FINES FINESS Array B, etc. Station data for FINESS Array.

RES Resolute Bay, etc. Station data for Resolute Bay.

Table of station data for the Resolute Bay region, listing stations like IZZE Mula-Seydiye, FETY Fethiye, etc.

10d 17h

2018 JUN

IDC 10 16:42:34.4+2.9,38.31N;142.13E,h62km;22km,mb3.4/5, mbtmp3.6/8,ML3.0/3,Error ellipse: s-maj=31.0km s-min=12.8km az=114.0

ISC 10 16:42:34.0+1.4,38.32N;0.06:141.89E;0.09,h43km;11km, n35,e150/37,mb3.6/5,8D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IJHK Ishinomakikobu, JIO Ouri, JJKM Kesennumamotoy, etc.

IDC 10 17:23:58.5+7.4,9.12N;126.50E,h125km;71km,mb3.3/10, mbtmp3.8/11,MS3.3/7,Error ellipse: s-maj=38.5km s-min=16.5km az=75.0

ISC 10 17:23:55.0+0.9,9.20N;126.6E;0.4,h106km;n23, o557/9,mb3.6/10,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DAV Davao City (W), JOW Kunigami, BATI Baumata, etc.

TAP 10 17:35:13.8,24.74N;122.24E,h7km,ML3.5,C JMA 10 17:35:14.0+1.2,24.7N;122.3E;0.2,h42km;3km, MV3.1/9,TAIWAN REGION

IDC 10 17:35:19.9+6.0,23.85N;122.91E,h0km,mb3.5/2, mbtmp3.5/3,ML3.1/1,MS3.5/2,Error ellipse: s-maj=302.7km s-min=41.9km az=95.0

ISC 10 17:35:11.9+1.1,24.73N;122.40E;0.02,h3km;9km, n142,o593/236,1C-3D,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EOS2 EOs2, EGS, EGS, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EOS3 EOs3, TWB1, TWB1, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NCU, TEYL, NCUH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like L34A Svendsen Farm, N38A Joes South For, T42A Van Buren, etc.

NAO 10 18:11:57.71.1, 73:13N:6:24E, ML3.7
IDC 10 18:11:59.0, 73:02N:6:29E, h0km, mb3.7/13,
mbmp3.7/19, ML3.5/6, ML3.2/50, Error ellipse:
s-maj=17.2km s-min=12.7km az=61.0
BER 10 18:12:00.8, 8.3, 73:14N:6:06E, h10km, mb(Pn)4.2,
ML3.7(NAO), Confirmed Earthquake
FCIAR 10 18:12:01.0, 73:15N:6:91E, h10km, station SVZ has
station magnitude of 4.39
DNK 10 18:12:04.6, 4.5, 73:41N:4:97E, h10km, 85km, ML 1.9
ISC 10 18:11:59.7, 0.5, 73:11N:0.04, 6.61E, 0.06, h10km, m161,
c=29.1/24, mb3.8/24, MSZ3.6/55, Greenland Sea

Main table of station data for the 10d 18h period, including stations like BJO1 Bjornoya, HSPB Hornsund (broa), JETT Jettan, etc.

Main table of station data for the 2018 JUN period, including stations like NOR Nord, TBLU Trondheim, APOA Apatity Array, etc.

Table of station data for the 2018 JUN period, including stations like ESDC Sonseca Array, KBZ Khabaz, SCHO Schefferville, etc.

Table of station data for the 2018 JUN period, including stations like NEIC 10 18:12:25.6, T25A Trinidad, etc.

mbmp3.9/3, Error ellipse: s-maj=187.0km s-min=32.5km az=99.0

SJA 10:18:17.25:3.0, 8.31:63S:68.79W, h103km, 3km, ML3.5, MW3.5

ISC 10:18:17.25:3.0, 8.31:64S:0.03:68.81W, 0.04, h112km, 6km, n37, r1965/60, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Zonda, San Juan, Cerro Valdivia, etc.

IDC 10:18:23:17.5:3.9, 31:187N:135:65E, h0km, mb3.2/2, mbmp3.2/3, ML2.6/1, Error ellipse: s-maj=271.1km s-min=32.4km az=106.0

JMA 10:18:23:38.4:0.1, 34 N:137E:13, h372km, MV2.5/24, SHIMA PENINSULA REGION

ISC 10:18:23:38.9:1.1, 34.2N:0.1:136.7E:0.1, h350km, n15, r174/16, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for JIE, JKN2, JWY, etc.

IDC 10:18:22:06.7:0.7, 16:50S:173:33W, h0km, mb4.3/11, mbmp4.2/12, ML3.7/1, MS3.7/27, Error ellipse: s-maj=32.0km s-min=17.2km az=140.0

NEIC 10:18:22:07.3:2.0, 16:31S:0.07:173.1W:0.1, h10km, 1km, mb4.6/16, Error ellipse: s-maj=21.1km s-min=11.8km az=279.0

ISC 10:18:22:14.9:0.5, 16:65S:0.1:173.27W:0.10, h66km, n117, r1501/88, mb4.4/19, 14C-5D, Tonga Islands

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

Main table with columns: NIUE, Niue, RAR, Rarotonga, DZM, Mont Dzumac, etc. Contains station data for various locations.

Table with columns: GHRR, TLR, MAUC, Maruska, etc. Contains station data for various locations.

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

IDC 10:18:52:39.7:1.7, 16:53S:173:32W, h0km, mb3.9/7, mbmp3.9/7, MS3.7/3, Error ellipse: s-maj=83.7km s-min=22.1km az=143.0

NEIC 10:18:52:39.7:1.7, 16:52S:0.07:173.1W:0.1, h39km, 6km, mb4.3/14, Error ellipse: s-maj=14.9km s-min=9.8km az=73.0

ISC 10:18:52:42.9:0.6, 16:27S:0.08:173.2W:0.1, h32km, n33, r182/33, mb4.2/15, Tonga Islands

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

IDC 10:19:06:13.8:5.2, 5:59S:107:60E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=307.2km s-min=26.6km az=50.0, Jawa

IDC 10:19:04:0.0:0.0, 6:43N:126:23E, h96km, 5km, mb4.0/28, mbmp4.4/30, MS3.1/15, Error ellipse: s-maj=20.7km s-min=9.3km az=73.0

10d 19h

2018 JUN

586

DJA 10 19:20:03.5:0.4, 6°N-4°12'E, h88km, 4km, M4.8/34, mB5.3/15, mb4.9/34, MLv5.1/9, Mw(MB)4.7/15
NEIC 10 19:20:04.1: 1.8, 6.49N:0.07x:126.41E:0.09, h99km, 6km, mb4.5/70, Error ellipse: s-maj=14.7km s-min=9.2km az=59.0

ISC 10 19:20:03.5:0.8, 6.44N:0.05x:126.34E:0.07, h91km, 7km, n203, s116/189, mb4.5/68, 2D, Mindanao

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

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

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

Table with columns: APG, S, Sn, 19 44 19.7 +0.9, 19 44 00.6 -0.5, 19 44 20.4 -1.6, 19 44 00.4 -0.7, 19 44 20.6 -1.5, 19 44 21.3, 19 44 01.0 -0.1, 19 44 22.2 +0.1, 19 44 22.3 +0.2, 19 44 22.4, 19 44 00.8 -0.2, 19 44 03.3 +0.5, 19 44 03.2 +0.1, 19 44 32.4, 19 44 03.4 +0.2, 19 44 25.5 -0.3, 19 44 28.0, 19 44 03.3 +0.1, 19 44 03.6 +0.2, 19 44 04.5 +0.4, 19 44 04.9, 19 44 27.6 +0.1, 19 44 05.2 -0.4, 19 44 33.0, 19 44 05.1 -0.4, 19 44 29.1 -0.9, 19 44 32.4, 19 44 06.4 +0.4, 19 44 06.2 +0.2, 19 44 31.1 +0.2, 19 44 34.5, 19 44 07.4 +0.3, 19 44 07.9 +0.7, 19 44 33.9 +0.9, 19 44 37.4, 19 44 07.4 +0.1, 19 44 07.4 +0.1, 19 44 33.1 -0.1, 19 44 35.1, 19 44 07.3 -0.3, 19 44 08.7 +1.0, 19 44 08.2 +0.5, 19 44 08.9 +0.8, 19 44 39.0, 19 44 08.9 +0.8, 19 44 35.3 +0.6, 19 44 38.9, 19 44 08.8 +0.5, 19 44 09.1 +0.9, 19 44 09.1 +0.9, 19 44 35.1 +0.1, 19 44 37.5, 19 44 08.4 +0.1, 19 44 08.5 +0.1, 19 44 42.7, 19 44 09.6 +0.6, 19 44 13.4, 19 44 09.5 +0.5, 19 44 43.0, 19 44 10.1 +1.0, 19 44 09.8 +0.7, 19 44 36.8 +0.3, 19 44 40.4, 19 44 10.1 +0.9, 19 44 12.8 +0.7, 19 44 13.1 +1.0, 19 44 46.7, 19 44 13.9 +1.0, 19 44 25.4 +0.5, 19 44 34.2 -0.1, 19 44 41.0 +1.9, 19 44 41.1 +0.9, 19 45 31.7 -0.4, 19 44 58.4 +0.6, 19 45 14.7 +0.2, 19 45 14.5 0.0, 19 46 29.4 -4.3, 19 45 13.4 -4.4, 19 46 23.5 +1.3, 19 47 36.1 +2.2, 19 47 47.3, 19 47 47.0 -0.5, 19 47 46.3 -0.8, 19 47 54.1 +1.7, 19 47 53.8 +1.5, 19 47 54.0 +1.6, 19 47 55.8 +0.1, 19 48 18.8, 19 48 01.4 -0.5, 19 48 06.4 +0.4, 19 48 07.2, 19 48 06.7 +0.8, 19 48 10.0 +0.3, 19 48 12.2 +1.3, 19 48 21.4 -0.6, 19 48 24.6, 19 48 27.7 +1.3, 19 48 35.9 +2.0, 19 49 03.3, 19 48 41.0 -2.1, 19 48 43.3, 19 50 01.6 +1.1, 19 50 01.6 +1.1, 19 50 13.9 +2.0, 19 50 30.4 +2.4, 19 50 42.2 +1.8, 19 50 42.1 +1.5, 19 50 42.6, 19 50 52.2 +1.3, 19 51 41.9 -2.1, 19 50 12.5, 19 52 26.4 +1.5, 19 52 29.9 -0.7, 19 53 07.2 +0.6, 19 53 08.6, 19 53 26.0 +1.5, 19 53 26.6, 19 53 26.8 +1.1, 20 21 32.0, 19 53 36.5 +1.0

Table with columns: L27K, Beaver Creek, 60.40 336, P, Iamb, P, 19 53 36.8 +1.2, 19 53 56.8, 19 53 55.3 +1.0, 19 53 54.0 -0.3, 19 54 11.0 -0.6, 63.61 340, P, P, 19 53 57.6 +0.5, 19 54 05.4 0.0, 19 54 05.4, 65.55 334, P, Iamb, Iamb, 19 54 10.0 +0.2, 19 54 10.9, 66.36 332, P, Iamb, Iamb, 19 54 14.9 -0.1, 19 54 26.3, 66.36 329, P, P, 19 54 14.6 -0.4, 19 54 15.1 -0.1, 19 54 50.3, 69.49 330, P, PKP, PKP, 19 54 29.2 +0.8, 20 02 06.7 -0.7, 135.79 256, PKP, PKP, 20 02 44.9 -2.6, 146.30 342, PKP, PKP, 20 03 07.2 -0.3, 66.39 339, P, PKP, 20 03 25.2 -0.1, 66.49 330, P, PKP, 20 02 06.7 -0.7, 135.79 256, PKP, PKP, 20 02 44.9 -2.6, 146.30 342, PKP, PKP, 20 03 07.2 -0.3, 66.39 339, P, PKP, 20 03 25.2 -0.1

MDD 10 19:44:33.9 0.6, 35.79N, 1.21W, h7km, 7km, mb, Lg2.7/15, Error ellipse: s-maj=6.5km s-min=4.1km az=169.0, ISC 10 19:44:31.4 1.4, 35.80N, 0.07x1.19W, 0.05, h7km, n27, c159/47, Northern Algeria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, 0.53 97, P, Pn, 19 44 53.0 +7.7, 1.18 239, P, Pn, 19 44 53.0 +0.1, 1.43 325, Pn, Pn, 19 44 58.6 +0.8, 1.43 325, Pn, Pn, 19 45 15.3 -1.6, 1.43 325, Pn, Pn, 19 44 58.6 +0.8, 1.76 309, Pn, Pn, 19 45 15.2 -1.6, 1.76 309, Pn, Pn, 19 45 26.1 +0.9, 1.76 309, Pn, Pn, 19 45 03.5 +1.1, 1.76 309, Pn, Pn, 19 45 24.2 -0.9, 1.79 5, Pn, Pn, 19 45 03.1 +0.4, 2.04 359, Pn, Pn, 19 45 07.2 +0.8, 2.04 359, Pn, Pn, 19 45 30.2 -1.8, 2.04 359, Pn, Pn, 19 45 07.4 +1.1, 2.04 359, Pn, Pn, 19 45 29.8 -2.2, 2.11 349, Pn, Pn, 19 45 08.8 +1.6, 2.22 356, Pn, Pn, 19 45 44.0 +0.1, 2.22 356, Pn, Pn, 19 45 39.4 +1.2, 2.24 299, Pn, Pn, 19 45 09.0 +0.1, 2.24 299, Pn, Pn, 19 45 04.4 -1.4, 2.24 299, Pn, Pn, 19 45 08.7 -0.2, 2.24 299, Pn, Pn, 19 45 35.7 -1.1, 2.25 9, Pn, Pn, 19 45 35.9 -1.0, 2.29 308, Pn, Pn, 19 45 37.6 +0.8, 2.29 308, Pn, Pn, 19 45 34.0 +2.1, 2.29 309, Pn, Pn, 19 45 45.1, 2.51 324, Pn, Pn, 19 45 12.0 +2.2, 2.51 324, Pn, Pn, 19 45 13.3 +0.6, 2.51 324, Pn, Pn, 19 45 14.8 +1.8, 2.69 300, Pn, Pn, 19 45 16.4 +1.1, 2.69 300, Pn, Pn, 19 45 17.7 +2.4, 2.69 300, Pn, Pn, 19 45 19.8 +2.3, 2.86 354, Pn, Pn, 19 45 52.1 -0.1, 3.00 286, Pn, Pn, 19 45 18.8 -0.5, 3.00 286, Pn, Pn, 19 45 51.6 -3.9, 3.65 327, Pn, Pn, 19 45 57.3, 3.65 327, Pn, Pn, 19 45 30.5 +2.2, 3.81 31, Pn, Pn, 19 46 10.5 -1.5, 3.81 31, Pn, Pn, 19 46 12.5 -2.9, 3.81 31, Pn, Pn, 19 46 11.3 +0.7, 4.08 305, Pn, Pn, 19 46 14.0 -1.5, 4.08 305, Pn, Pn, 19 45 11.8 +0.5, 4.50 327, Pn, Pn, 19 46 37.7, 4.50 327, Pn, Pn, 19 46 42.4 +2.3, 5.49 289, Pn, Pn, 19 46 30.7 -2.1, 5.49 289, Pn, Pn, 19 46 33.8, 5.49 289, Pn, Pn, 19 46 45.0 +1.5, 5.49 289, Pn, Pn, 19 46 55.6 -1.3

DNK 10 20:25:38.4 0.8, 71.73N, 12.73W, h0km, 18km, ML1.4, BER 10 20:25:38.3 0.3, 71.65N, 11.34W, h1km, 97km, mb(Pn)2.9, Confirmed Earthquake, ISC 10 20:25:34.1 1.0, 71.63N, 0.07x1.176W, 0.06, h11km, n7, c151/14, Jan Mayen Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, 1.21 124, P, Pn, 20 25 58.0 +1.0, 1.21 124, P, Pn, 20 26 12.3 -0.3, 1.23 118, P, Pn, 20 26 21.9, 1.23 118, P, Pn, 20 25 58.5 +0.6, 20 26 13.4 0.0, 20 26 15.1, 1.23 120, P, Pn, 20 25 58.1 +0.7, 1.23 120, P, Pn, 20 26 12.6 -0.8, 1.23 120, P, Pn, 20 26 14.6, 1.29 118, P, Pn, 20 25 58.9 +0.7, 1.29 118, P, Pn, 20 26 13.6 -1.4, 3.52 256, P, Pn, 20 26 16.8, 3.52 256, P, Pn, 20 26 30.4 +1.7, 3.52 256, P, Pn, 20 27 08.0 -2.2, 3.66 321, P, Pn, 20 27 15.9, 3.66 321, P, Pn, 20 26 31.8 +1.1, 5.50 343, P, Pn, 20 27 11.6 -2.2, 5.50 343, P, Pn, 20 26 57.7 +1.8, 5.50 343, P, Pn, 20 27 57.3 -1.7

TAP 10 20:29:24.5, 24.74N, 122.21E, h15km, ML1.5, C, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, 0.28 293, eP, Sg, 20 29 30.7 +0.2, 0.32 177, P, Pn, 20 29 35.5 -0.2, 0.32 177, P, Pn, 20 29 31.4 +0.3, 0.34 323, eP, Pn, 20 29 31.5 0.0, 0.34 323, eP, Pn, 20 29 36.6 +0.4, 0.35 249, P, Pn, 20 29 31.9 +0.1, 0.42 304, P, Pn, 20 29 33.7 0.0, 0.46 168, eP, Pn, 20 29 33.8 +0.2, 0.46 168, eP, Pn, 20 29 41.0 +0.2

Table with columns: baz=178, EWUT Wuta, 0.49 234, eP, Pg, 20 29 34.5 +0.2, baz=235, ENA Nanau, 0.53 234, eP, Pn, 20 29 35.3 -0.2, baz=295, FUSB Fushanzhiwuyua, 0.57 272, eP, Pb, 20 29 36.2 -0.1, baz=273, FUSB, eS, Sb, 20 29 44.2 0.0, baz=273, ENTT Nioudou, 0.60 261, eP, Pb, 20 29 37.3 +0.6, baz=261, E0S4 E0S4, 0.62 171, eP, Pb, 20 29 37.5 +0.6, baz=158, E0S4, S, Sb, 20 29 46.2 +0.9, baz=158, NDT Datong Townshi, 0.65 258, eP, Pn, 20 29 37.9 +0.3, baz=260, NDT, eS, Sb, 20 29 47.1 +0.6, baz=260, LATG Datong, 0.66 252, eP, Pn, 20 29 38.6 -0.8, baz=254, LATG, eS, Sb, 20 29 47.6 +0.8, baz=254, YHNB Yeheng, 0.77 265, eP, Pn, 20 29 39.9 +0.3, baz=278, YHNB, eS, Sb, 20 29 50.4 +0.6, baz=278, NSK Sanguang, 0.78 266, eP, Pb, 20 29 40.0 +0.1, baz=267, NSK, eS, Sb, 20 29 50.2 -0.1, baz=267, NACB Ninganchiao, 0.80 225, eP, Pn, 20 29 39.7 -0.3, baz=227, NACB, eS, Sb, 20 29 51.1 +0.5, baz=227, NNSB, 0.82 248, eP, Pb, 20 29 40.6 +0.2, baz=258

JMA 10 20:30:00.1 ± 0.1, 24.2N, 0.4x123.7E, 0.5, h17km, ±1km, MV1.4/8, NEAR ISHIGAKIJIMA Island, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, 0.11 28, P, Pn, 20 30 03.6 -0.1, 0.11 28, P, Pn, 20 30 06.4 +0.2, 0.21 146, P, Pn, 20 30 05.0 -0.2, 0.31 90, P, Pn, 20 30 06.7 0.0, 0.45 74, P, Pn, 20 30 08.3 +0.4, 0.45 74, P, Pn, 20 30 15.3 +0.1, 0.68 59, eP, Pn, 20 30 13.3 -0.1, 1.02 67, eP, Pn, 20 30 22.3 -0.1, 1.02 67, eP, Pn, 20 30 19.0 -0.3, 1.02 67, eP, Pn, 20 30 33.3 +0.1

CNRM 10 20:32:04.1, 36.42N, 7.53W, h2km, ML2.6, LDG 10 20:32:06.7 0.3, 36.59N, 7.52W, h10km, ML3.1/5, Error ellipse: s-maj=5.7km s-min=3.0km az=51.0, SFS 10 20:32:07.3, 36.54N, 7.54W, h41km, ML3.1/27, ML3.2/20, ML2.6/27

MDD 10 20:32:07.1 ± 0.4, 36.54N, 7.58W, h33km, 9km, mb, Lg3.2/40, Error ellipse: s-maj=3.3km s-min=2.3km az=54.0, IGL 10 20:32:07.5, 36.52N, 7.55W, h36km, ML2.7, INMG 10 20:32:08.3 1.4, 36.55N, 7.57W, h31km, 9km, ML2.6, Error ellipse: s-maj=3.3km s-min=2.0km az=30.0

ISC 10 20:32:05.8 1.1, 36.58N, 0.04x7.50W, 0.03, h32km, n105, c161/160, 15C-2D, Strait of Gibraltar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, 0.75 332, P, Pn, 20 32 21.3 +1.1, 0.75 332, P, Pn, 20 32 31.1 +0.7, 0.75 332, P, Pn, 20 32 32.3, 0.75 332, P, Pn, 20 32 21.2 +1.1, 0.80 50, P, Pn, 20 32 30.9 +0.4, 0.84 348, P, Pn, 20 32 26.6 +1.1, 0.84 348, P, Pn, 20 32 33.4 +0.7, 0.84 348, P, Pn, 20 32 24.0, 0.84 348, P, Pn, 20 32 32.6 +1.1, 0.84 348, P, Pn, 20 32 33.5 +0.7, 0.84 348, P, Pn, 20 32 31.9 +0.5, 0.84 348, S, Sn, 20 32 34.4 +1.5, 0.95 1, Pn, Pn, 20 32 24.3 +1.1, 0.95 1, Pn, Pn, 20 32 36.5 +1.0, 0.95 1, Pn, Pn, 20 32 44.4 +1.2, 0.95 1, Pn, Pn, 20 32 36.5 +1.0, 1.14 338, eP, Pn, 20 32 26.8 +1.3, 1.14 338, eP, Pn, 20 32 40.8 +0.8, 1.14 338, eP, Pn, 20 32 41.2, 1.14 338, Pn, Pn, 20 32 26.8 +1.3, 1.14 308, eP, Pn, 20 32 26.6 +0.4, 1.14 308, eP, Pn, 20 32 40.7 -0.4, 1.14 308, eP, Pn, 20 32 41.2, 1.18 308, eP, Pn, 20 32 26.5 +0.5, 1.18 308, eP, Pn, 20 32 40.6 -0.5, 1.18 308, eP, Pn, 20 32 41.2, 1.20 298, eP, Pn, 20 32 26.8 +0.4, 1.20 298, eP, Pn, 20 32 41.0 -0.6, 1.20 298, Pn, Pn, 20 32 26.8 +0.4, 1.20 298, Pn, Pn, 20 32 26.2 -0.2, 1.35 77, Pn, Pn, 20 32 26.6 +1.2, 1.35 77, Pn, Pn, 20 32 46.3 +1.1, 1.35 77, Pn, Pn, 20 32 29.4 +1.0, 1.35 77, Pn, Pn, 20 32 45.9 +0.7, 1.38 315, P, Pn, 20 32 29.8 +1.0, 1.38 315, P, Pn, 20 32 45.9 0.0, 1.38 315, P, Pn, 20 32 46.8, 1.39 336, P, Pn, 20 32 30.1 +1.2, 1.39 336, eP, Pn, 20 32 46.5 +0.4, 1.39 336, eP, Pn, 20 32 48.1, 1.39 336, eP, Pn, 20 32 30.1 +1.2, 1.47 349, eP, Pn, 20 32 31.4 +1.2, 1.47 349, eP, Pn, 20 32 48.5 +0.1, 1.63 131, P, Pn, 20 32 33.8 +1.4, 1.63 131, P, Pn, 20 32 52.8 +0.5, 1.63 131, P, Pn, 20 32 54.3, 1.63 131, Pn, Pn, 20 32 33.8 +1.4, 1.64 94, P, Pn, 20 32 33.9 +1.5, 1.71 78, Pn, Pn, 20 32 34.0 -1.4, 1.71 78, Pn, Pn, 20 32 54.6 +2.3, 1.74 332, P, Pn, 20 32 34.7 +1.2, 1.74 332, P, Pn, 20 32 54.4 -0.4, 1.74 332, P, Pn, 20 32 56.0, 1.74 332, Pn, Pn, 20 32 34.8 +1.0, 1.84 111, Pn, Pn, 20 32 36.3 +1.5, 1.84 111, Pn, Pn, 20 32 36.7 +1.5, 1.84 111, Pn, Pn, 20 32 58.4 +0.9, 1.84 111, Pn, Pn, 20 33 01.3, 1.84 111, Pn, Pn, 20 32 37.3 +2.1, 1.84 111, Pn, Pn, 20 32 38.2 +1.1, 1.84 111, Pn, Pn, 20 32 38.6 +1.3, 1.84 111, Pn, Pn, 20 33 01.4 +0.3, 1.84 111, Pn, Pn, 20 33 02.3, 1.99 348, Pn, Pn, 20 32 38.6 +1.3, 1.99 348, Pn, Pn, 20 33 05.6 +0.6, 2.19 90, Pn, Pn, 20 32 40.5 +0.5, 2.19 90, Pn, Pn, 20 32 40.6 +0.5, 2.19 90, Pn, Pn, 20 33 08.2 +2.1, 2.19 90, Pn, Pn, 20 33 08.2 +2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV, AKTO, DAVOX, KURBB, MLR, ULM, KVAR, MKAR, SONM, SADO, GNI, AAR, PADK, PDAR, KSRS, ANMO, TXAR, CMAR.

IDC 10 22:38:12.2,0.8, 12.94N:92.53E, h0km, mb4.0/18, mbtm3.9/19, ML4.1/1, MS3.3/8, Error ellipse: s-maj=29.2km s-min=14.6km az=51.0 NDI 10 22:38:27.4, 1.6, 13.60N:92.31E, h10km, 55km, mb4.6, MLA.6, mb4.5(NEIC) NEIC 10 22:38:27.4, 1.6, 13.55N:0.08-93.0E:0.1, h2km, 6km, mb4.5/22, Error ellipse: s-maj=19.1km s-min=9.5km az=117.0 ISC 10 22:38:18.1, 0.7, 13.12N:0.09-92.61E:0.07, h35km, n80, a=148/44, mb4.3/32, MS3.3/8, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGPR, PBA, PBA, PBA, PBA, CM31, CMAR, CMAR, CMAR, CMAR, CHTO, PHRA, SAIHA, VIS, VIS, CRAI, SHL, KOHI, TCH, TCH, TCH, TCH, SALM, SALM, HYB, ZIRO, GTK, PZH, PZH, AKL, AKL, JHNI, JHNI, LZH, LZH, LZH, XAN, XAN, GTA, GTA, GTA, H08S3, H08S2, H08S1, WMQ, WMQ, HHC, HHC, SIMJ, SIMJ, BTk, BTk, MKAR, MKAR, MKAR, MK31, MK31, MAKZ, SONM, KURBB, KURK, GEYT, GEYT, GYA0B, GYA0B, KSAR, KS19.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS, KSRS, ZALV, ZALV, BVAR, BVAR, ABKAR, ABKAR, ABKAR, ABKAR, KIV, KIV, WRA, WRA, ASAR, ASAR, KIRV, BR131, BR131, BR131, BR131, AKASG, AKASG, MLR, MLR, STKA, STKA, BURAR, FIAT, FINESS, FINESS, FINESS, FINESS, FINESS, VYHS, VYHS, ARCES, ARCES, ARCES, ARCES, POGA, GERES, GERES, GERES, PRED, HFS, NOA, NOA, NOA, NOA, BOS, E19K, E19K, ILAR, TXAR, TXAR.

IDC 10 22:53:50.4, 2.1, 6.45S:129.37E, h0km, mb3.8/1, mbtm3.5/3, ML3.4/2, MS4.1/1, Error ellipse: s-maj=116.1km s-min=31.6km az=68.0, Banda Sea region

IDC 10 23:06:21.1, 0.6, 53.64S:134.45W, h0km, mb4.3/13, mbtm4.2/13, MS4.1/21, Error ellipse: s-maj=16.3km az=158.0, NEIC 10 23:06:24.2, 1.5, 53.9S:0.1:134.2W:0.1, h10km, 1km, mb4.9/38, Error ellipse: s-maj=22.1km s-min=5.0km az=331.0 GCMT 10 23:06:28.2, 0.3, 54.01S:0.02:134.17W:0.03, h12km, MV4.9/96, Moment Tensor Solution. s15,c18; s9,c122; Duration: 0 Moment tensor: Scale 10^18Nm; M1-0.90; M2-2.38; M3-1.48; M4-1.48; M5-3.02; M6-1.68; M7-0.8; M8-0.77; M9-0.28; Best double couple: M2:655000:10^16 NP1:15.28; NP2:15.28; NP3:15.28; NP4:15.28; NP5:15.28; NP6:15.28; NP7:15.28; NP8:15.28; NP9:15.28; NP10:15.28; NP11:15.28; NP12:15.28; NP13:15.28; NP14:15.28; NP15:15.28; NP16:15.28; NP17:15.28; NP18:15.28; NP19:15.28; NP20:15.28; NP21:15.28; NP22:15.28; NP23:15.28; NP24:15.28; NP25:15.28; NP26:15.28; NP27:15.28; NP28:15.28; NP29:15.28; NP30:15.28; NP31:15.28; NP32:15.28; NP33:15.28; NP34:15.28; NP35:15.28; NP36:15.28; NP37:15.28; NP38:15.28; NP39:15.28; NP40:15.28; NP41:15.28; NP42:15.28; NP43:15.28; NP44:15.28; NP45:15.28; NP46:15.28; NP47:15.28; NP48:15.28; NP49:15.28; NP50:15.28; NP51:15.28; NP52:15.28; NP53:15.28; NP54:15.28; NP55:15.28; NP56:15.28; NP57:15.28; NP58:15.28; NP59:15.28; NP60:15.28; NP61:15.28; NP62:15.28; NP63:15.28; NP64:15.28; NP65:15.28; NP66:15.28; NP67:15.28; NP68:15.28; NP69:15.28; NP70:15.28; NP71:15.28; NP72:15.28; NP73:15.28; NP74:15.28; NP75:15.28; NP76:15.28; NP77:15.28; NP78:15.28; NP79:15.28; NP80:15.28; NP81:15.28; NP82:15.28; NP83:15.28; NP84:15.28; NP85:15.28; NP86:15.28; NP87:15.28; NP88:15.28; NP89:15.28; NP90:15.28; NP91:15.28; NP92:15.28; NP93:15.28; NP94:15.28; NP95:15.28; NP96:15.28; NP97:15.28; NP98:15.28; NP99:15.28; NP100:15.28

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, ASAR, ASAR, RPZ, MKAR, IDC 10 23:06:23.9, 0.4, 53.84S:109.134W:0.09, h12km, n122, e131/105, mb4.8/35, MS4.2/22, 6D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MG05, URZ, MG03, MG03, G008, RAR, PAE, PPT2, PPT2, PPT2, PPT2, COYC, COYC, VAH, VAH, BELA, RAO, LR05, LR05, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, H03N1, PLCA, PLCA, VNA3, VNA2, VNA1, SNA, SNA, SNA, SNA, TRQA, CASY, CASY, TROLL, TROLL, ELIB, DZM, DZM, LVM, LVC, PB01, PB01, NNA, CPUP, CPUP, STKA, LPAZ, LPAZ, LPAZ, ATAH, CTAO, CTAO, OTAV, OTAV, SAML, ASAR, ASAR, ASAR, ASAR, H01W1, H01W2, H01W3, WRA, WRA, SBHL, UWB, BDFB, BDFB, BDFB, PMG, PMG, ROSC, EI, EI, HPIG, HPIG, PCRV, TX31, TXAR, TXAR, 833A, 214A, 214A, VHRN, VHRN, VHRN, VHRN, 113A, 113A, TUC, TUC, TUC, HND0, HND0.

10d 23h

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like H1N3 WAKE ISLAND Hy 88.96 306, H1N2 WAKE ISLAND Hy 88.97 306, H1N1 WAKE ISLAND Hy 88.98 306, etc.

IDC 1023:13:30.5:2.53:64N:166:76W, h0km, mb3.5/4, mbmp3.6/5, ML3.5/1, Error ellipse: s-maj=68.1km, s-min=27.5km az=1.0, NEIC 1023:13:37.9:1.8, 53:26N:0:06:166:33W:0.09, h47km, 16km, mb3.5/29, ML3.8/8, ML3.6(AEIC), Error ellipse: s-maj=10.6km s-min=6.0km az=144.0, AEIC 1023:13:39.1:2.6, 53:42N:0:06:166:44W:0.10, h51km, 8km, Error ellipse: s-maj=10.9km s-min=6.0km az=140.0, ISC 1023:13:38.1:1.2, 53:33N:0:1:166:44W:0.07, h60km, 11km, h140, r125/132, mb3.4/4, Fox Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MREP Makushin Rep't, UNV Unalaska Valle, UNV Unalaska Valle, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like FALS False Pass, FALS False Pass, HAG Hague Volcano, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Arr B, H03N2 Juan Fernandez, H03N1 Juan Fernandez, etc.

NOU 1023:14:10.2, 17:96S:173:54W, h0km, mb5.4/29, Tonga Islands, IDC 1023:15:45.4:1.4, 21:54S:179:28W, h583km, 15km, mb3.8/18, mbmp4.8/19, Error ellipse: s-maj=13.4km, s-min=11.8km az=61.0, NEIC 1023:15:48.2:1.7, 21:75S:0:1:179:4W:0.1, h604km, 7km, mb4.8/40, Error ellipse: s-maj=18.3km s-min=18.0km az=154.0, ISC 1023:15:46.9:0.4, 21:73S:0:06:179:36W:0.07, h600km, h246, r122/261, mb4.7/62, 30C-11D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonavsu, RAO Raoul Island, PINNC Pines Island, LIFNC LIFOU, etc.

Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, etc.

Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Station Name, Frequency, Power, Class, and Date/Time. Includes stations like O48B Farmland, SFIN Lafayette, SSPA Standing Stone, etc.

11d Oh

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CAST Castle Rocks, M20K Styx River, E24K Your Creek, G23K Bananza Creek, etc.

2018 JUN

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NJ2 Nanjing, ASAR Alice Springs, WRA Warramunga Arr, H01W1 Cape Leeuwin H, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KAPI 326nm,0.4s, PLAI Plampang, BASI Baing, BBSI Bau Bau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barentsburg B, Hornsund (broa), Danmarks Havn, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like North of Pu'u, JOKA, Humu'ua Sheep, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mekoryuk, Koliganek Bris, Old Harbor, etc.

MDD 11 00:23:55.6:0.3, 40.29N:3.11W, h12km, mb, Lq2.1/34, Error ellipse: s-maj=1.9km s-min=1.3km az=83.0

ICD 11 00:20:22.6:8.5, 4.24S:152.20E, h115km, 58km, mb3.1/2, mtbmp3.8/3, MS3.2/1, Error ellipse: s-maj=134.7km

ATKA Atka Island, UNGALAK MOUNTA, SHUYAY ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Universidad Co, Guadarrama, Torette, San Pablo, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SYI, N18K, K13K, L16K, etc.

NEIC 11 00:40:16.6:1.1, 19.372N:0.009:155.279W:0.006, h6km, 1km, Error ellipse: s-maj=1.3km s-min=0.6km

ICD 11 00:56:25.6:3.3, 54.82N:163.57W, h66km, 28km, mb3.7/22, mtbmp4.1/25, ML4.2/3, MS3.0/1, Error ellipse: s-maj=23.4km s-min=13.8km az=14.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K15K, N19K, O20K, M18K, etc.

HVO 11 00:40:16.6:0.9, 19.395N:0.008:155.265W:0.006, h0km, 2km, ML3.8/14, ML2.9/43(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=194.0

NEIC 11 00:56:26.8:1.6, 54.56N:163.31W:0.008, h91km, 5km, mb4.3/52, ML4.4/12, ML4.0(AEIC), Error ellipse: s-maj=12.6km s-min=4.5km az=153.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSO, J14K, CNPM, L18K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RIM, SDHH, OBL, HATH, etc.

AEIC 11 00:56:27.2:2.2, 54.66N:163.41W:0.009, h83km, 4km, Error ellipse: s-maj=13.2km s-min=4.5km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M20K, J17K, J16K, etc.

ICD 11 00:56:26.6:0.3, 54.56N:163.31W:0.005, h87km, 5km, h275, r1901/281, mb4.0/38, 3D, Unimak Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M20K, J17K, J16K, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADK, BRK, BRSE, K17K, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like L20K, Q22K, I17K, J18K, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUA, SKT, RC01, RC01, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHO, CAST, J20K, SML, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R16K, R16K, CHIR, CHIR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HIN, H18K, AMKA, SCM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like O14K, O14K, O14K, O14K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EYAK, BPAW, KLU, KAIM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R18K, M13K, M13K, N15K, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SAML Samuel, ITRB Iturama, VAO Valinhos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like CATAC, SNET, ISC, CHNN, CRIN, QUEN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like LEVN, COPN, BC86, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BUJ, NOU, IDC, NEIC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like RAO, URZ, RTZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like FORT, VNO, WRO, etc.

PMSA	Palmer Station	71.95 155	LR	LR	01 57 34.0	
LEM	Lembang	74.00 271	LR	LR	02 03 59.1	
SBUM	Sibu	74.00 271	P	P	01 30 26.7 -0.6	
ELIB	Princess Elisa	77.00 186	P	P	01 30 39.9 +0.6	
TROLL	Troll, Antarti	77.02 180	↑P	P	01 30 45.7 +1.2	
SNAA	Sanae	78.18 178	P	P	01 30 46.7 +0.9	
SNAA	Sanae	78.18 178	↑P	P	01 30 46.7 +0.9	
SNAA	Sanae	78.18 178	P	P	01 30 47.6 +1.8	
SNAA	Sanae	78.18 178	LR	LR	02 02 17.5	
SNAA	Sanae	78.18 178	deP	P	01 30 47.2 +1.4	
VNA3	Neumayer Olymp	78.30 176	↑P	P	01 30 47.2 +0.8	
MJAR	Matsushiro Arr	78.71 325	P	P	01 30 48.3 -0.7	
MAJO	Matsushiro	78.71 325	P	P	01 30 49.7 +0.7	
MAJO	Matsushiro	78.71 325	P	P	01 30 47.1 -1.9	
MAJO	Matsushiro	78.71 325	deP	P	01 30 48.1 -0.9	
MJB9	Matsushiro	78.71 325	P	P	01 30 47.4 -1.6	
MJB9	Matsushiro	78.71 325	I	Amb	01 30 49.2	
VNA2	Neumayer-Watz	78.74 177	↑P	P	01 30 49.9 +1.1	
VNA1	Neumayer-Stat	78.77 176	↑P	P	01 30 51.0 +1.1	
LL02	Futaleufu	79.76 134	P	P	01 30 56.1 +1.2	
LL02	Futaleufu	79.76 134	I	Amb	01 31 12.3	
JSD	Sado	79.85 326	P	I	Amb	01 30 54.2 -1.0
JSD	Sado	79.85 326	P	I	Amb	01 30 56.0
JNU	Nakatsue	80.11 318	LR	LR	02 02 17.0	
PLCA	Paso Flores	81.89 133	P	I	Amb	01 31 07.6 +1.2
PLCA	Paso Flores	81.89 133	P	I	Amb	01 31 06.8 +0.4
PLCA	Paso Flores	81.89 133	P	I	Amb	01 59 54.9
JKA	Kamikawa-asahi	82.80 332	P	P	01 31 11.2 +0.6	
ASAJ	Asahikawa	82.81 332	LR	LR	02 03 31.5	
ASAJ	Asahikawa	82.81 332	P	P	01 31 11.3 +0.6	
LPIG	La Paz	83.76 58	LR	LR	02 01 16.3	
TJN	Taejon	84.45 318	P	P	01 31 20.2 +0.9	
TJN	Taejon	84.45 318	P	P	01 31 19.3 +0.0	
TJN	Taejon	84.45 318	deP	P	01 31 19.4 +0.1	
KSR5	Korea Arr	84.88 319	P	P	01 31 22.2 +0.7	
KSR5	Korea Arr	84.88 319	LR	LR	02 08 08.7	
KSAR	Koror Arr	84.90 319	P	P	01 31 21.8 +0.3	
KSAR	Koror Arr	84.90 319	P	P	01 31 21.8 +0.3	
YSS	Yuzh-Sakhalins	85.09 334	P	P	01 31 23.0 +0.8	
YSS	Yuzh-Sakhalins	85.09 334	P	P	01 31 22.1 -0.1	
YSS	Yuzh-Sakhalins	85.09 334	eP	P	01 31 23.3 +1.1	
YSS	Yuzh-Sakhalins	85.09 334	eS	S	01 34 40.0	
YSS	Yuzh-Sakhalins	85.09 334	eS	S	01 41 53.4 +3.3	
PFO	Pinyon Flats O	85.52 47	LR	LR	02 01 46.6	
PETK	Petrovavsk	85.99 345	P	P	01 31 25.6 -1.0	
PETK	Petrovavsk	85.99 345	P	P	01 31 26.3 -0.3	
BELO	Belle Mtn. Jos	86.07 47	P	P	01 31 28.5 +0.8	
BC3	Big Chuckawall	86.19 47	P	P	01 31 28.3 +0.1	
O02D	Mt. Diablo Mer	86.30 39	P	I	Amb	01 31 28.1 -0.5
O02D	Mt. Diablo Mer	86.30 39	I	Amb	01 31 43.1	
PSI	Prapat	86.31 275	P	P	01 31 29.7 +0.4	
GSC	Goldstone, Bar	86.42 40	P	P	01 31 28.8 -0.0	
AFDM	Forest Hills D	86.45 40	P	P	01 31 28.5 -0.7	
MPMC	Manual Prospec	86.50 44	P	P	01 31 29.7 -0.2	
IRM	Iron Mountain	86.71 47	P	P	01 31 31.8 +1.1	
GSI	Gunungstoli	86.72 273	P	P	01 31 32.9 +1.7	
GSI	Gunungstoli	86.72 273	P	P	01 31 29.8 -1.5	
MSHR	Mys Shuiltsa	86.83 324	eP	P	01 31 31.6 +0.6	
MSHR	Mys Shuiltsa	86.83 324	eP	P	01 31 31.6 +0.6	
POBK	Saint George I	86.83 4	P	P	01 31 31.3 +0.7	
NJ2	Nanjing	86.88 310	eP	P	01 31 32.0 +0.5	
NJ2	Nanjing	86.88 310	eP	P	01 31 32.0 +0.5	
WAKR	Walker	87.00 42	P	I	Amb	01 31 32.0 -0.2
WAKR	Walker	87.00 42	I	Amb	01 31 48.0	
TRUC	Turquoise Moun	87.05 46	P	P	01 31 33.0 +0.6	
GUQ	Grapevine Rang	87.20 44	P	P	01 31 33.8 +0.8	
YERR	Yerington	87.44 41	P	P	01 31 33.8 -0.5	
YERR	Yerington	87.44 41	I	Amb	01 31 50.2	
YBH	Yreka Blue Hor	87.45 37	P	P	01 31 33.2 -1.0	
YBH	Yreka Blue Hor	87.45 37	LR	LR	02 05 43.1	
GMN	Gold Mountain	87.46 44	P	P	01 31 33.1 -1.4	
NVAR	Mina Array Bea	87.60 42	P	P	01 31 32.9 -2.3	
NVAR	Mina Array Bea	87.60 42	P	P	01 31 35.0 -0.2	
NVAR	Mina Array Bea	87.60 42	LR	LR	02 04 46.5	
USRK	Ussuriysk Arr	87.61 326	P	P	01 31 35.6 +0.9	
NV11	Mina Array Sit	87.69 42	P	I	Amb	01 31 34.2 -1.3
NV11	Mina Array Sit	87.69 42	I	Amb	01 31 51.4	
PAHR	Pah Rang Range	87.85 41	P	P	01 31 35.3 -0.9	
PAHR	Pah Rang Range	87.85 41	I	Amb	01 31 48.3	
TPH	Tonopah	88.00 43	P	P	01 31 35.5 -1.6	
TPH	Tonopah	88.00 43	P	P	01 31 35.5 -1.6	
KVN	Kaiserville	88.14 42	P	I	Amb	01 31 36.0 -1.7
KVN	Kaiserville	88.14 42	P	I	Amb	01 31 52.2
KVN	Kaiserville	88.14 42	P	P	01 31 36.0 -1.7	
TYV	Tymovskoe	88.37 336	eP	P	01 31 42.1 +4.0	
TYV	Tymovskoe	88.37 336	eP	P	01 31 42.1 +4.0	
PRN	Pahroc Range	88.86 45	P	I	Amb	01 31 40.9 -0.1
PRN	Pahroc Range	88.86 45	I	Amb	01 31 59.8	
MDJ	Mudanjiang	89.09 325	P	P	01 31 42.7 +1.0	
MDJ	Mudanjiang	89.09 325	P	P	01 31 45.7 -2.2	
MDJ	Mudanjiang	89.09 325	P	P	01 31 45.7 -2.2	
MDJ	Mudanjiang	89.09 325	P	P	01 31 45.7 -2.2	
MDJ	Mudanjiang	89.09 325	P	P	01 31 45.7 -2.2	

MDJ	comp=Z,230nm,23.4s	LR	LR			
MDJ	comp=Z,280nm,19.2s	LR	LR			
MDJ	Mudanjiang	89.09 325	P	P	01 31 43.2 +1.5	
R11B	Troy Canyon, C	89.15 44	P	P	01 31 42.8 +0.3	
X16A	Lo Mia Camp, P	89.25 49	P	P	01 31 42.1 -0.9	
LC1M	Little Creek M	89.25 46	P	P	01 31 44.3 -0.8	
U15A	North Rim	89.72 47	P	P	01 31 46.0 -0.3	
KNB	Kanab	89.98 46	P	P	01 31 40.6 -0.3	
KNB	Kanab	89.98 46	P	P	01 31 46.1 -0.3	
CCUT	Cedar City	89.99 45	P	P	01 31 46.6 -0.0	
WVOR	Wild Horse Val	90.12 39	P	P	01 31 45.1 -1.6	
WVOR	Wild Horse Val	90.12 39	I	Amb	01 32 56.6	
WVOR	Wild Horse Val	90.12 39	P	P	01 31 45.2 -1.6	
TIA	Tai'an	90.58 312	P	P	01 31 49.9 +0.9	
TIA	Tai'an	90.58 312	P	P	01 31 49.9 +0.9	
CN2	Changchun	90.64 322	eP	P	01 31 49.1 +0.1	
CN2	Changchun	90.64 322	eP	P	01 31 49.1 +0.1	
BNX	BinXian	90.97 325	↑P	P	01 31 50.3 -0.2	
BNX	BinXian	90.97 325	↑P	P	01 31 50.3 -0.2	
N15K	Kwethluk River	91.25 8	P	I	Amb	01 31 50.9 -0.5
N15K	Kwethluk River	91.25 8	P	I	Amb	01 31 52.6
N15K	Kwethluk River	91.25 8	P	P	01 31 51.4 0.0	
KLR	Kul'dur	91.44 329	LR	LR	02 09 04.3	
KLR	Kul'dur	91.44 329	eP	P	01 31 53.6 +1.0	
KLR	Kul'dur	91.44 329	eP	P	01 31 53.6 +1.0	
TXAR	Lajitas Arr	91.62 57	P	P	01 31 54.4 +0.3	
TXAR	Lajitas Arr	91.62 57	P	P	01 31 54.4 +0.3	
TXAR	Lajitas Arr	91.62 57	P	P	02 05 55.1	
O18K	Koktuh Hills	91.65 11	P	I	Amb	01 31 52.0 -1.4
O18K	Koktuh Hills	91.65 11	P	I	Amb	01 31 53.5
O18K	Koktuh Hills	91.65 11	P	P	01 31 52.5 -0.8	
M15K	Kasiguluk River	91.69 8	P	P	01 31 53.2 -0.8	
N16K	Nishik Lake	91.72 9	P	P	01 31 53.4 -0.3	
G08A	Pilot Rock	91.88 37	P	I	Amb	01 31 54.0 -1.0
G08A	Pilot Rock	91.88 37	P	I	Amb	01 32 11.0
CMIG	Matias Romero	91.90 71	LR	LR	02 05 11.6	
M16K	Timber Creek	92.22 9	P	P	01 31 56.7 -0.7	
NNA	Nana	92.58 105	LR	LR	02 04 52.6	
BBB	Bella Bella	92.64 28	LR	LR	02 07 10.4	
LYN	LuoYang	92.65 309	eP	P	01 31 59.7 +1.1	
LYN	LuoYang	92.65 309	eP	P	01 31 59.7 +1.1	
M17K	Holinta River	92.79 9	P	P	01 31 60.0 +1.4	
L16K	Owlat River	92.82 8	P	P	01 32 00.1 +1.5	
HNS	HongShan	92.85 312	↑P	P	01 32 00.0 +0.6	
HNS	HongShan	92.85 312	↑P	P	01 32 00.0 +0.6	
ANMO	Albuquerque	92.86 51	P	P	01 31 59.8 +0.1	
ANMO	Albuquerque	92.86 51	P	P	02 07 08.8	
ANMO	Albuquerque	92.86 51	P	P	01 31 59.5 -0.3	
ANMO	Albuquerque	92.86 51	P	P	01 31 59.5 -0.3	
HVU	Hansel Valley	93.00 42	P	P	01 31 58.8 -1.4	
HVU	Hansel Valley	93.00 42	P	P	01 31 58.8 -1.4	
K15K	Wolf Creek Mou	93.15 7	P	P	01 32 01.4 +1.2	
LVC	Limon Verde	93.19 118	LR	LR	02 05 50.0	
HLID	Hailey	93.19 40	P	I	Amb	01 31 59.5 -1.6
HLID	Hailey	93.19 40	P	I	Amb	01 32 14.9
HLID	Hailey	93.19 40	P	P	01 32 01.3 +0.2	
F10A	Beach Ranch, E	93.24 37	P	I	Amb	01 31 59.5 -1.6
F10A	Beach Ranch, E	93.24 37	P	I	Amb	01 32 16.4
PLID	Pearl Lake	93.31 38	P	P	01 32 01.0 -0.7	
PLID	Pearl Lake	93.31 38	P	I	Amb	01 32 19.2
A17K	Donlin	93.38 9	P	P	01 32 02.0 +0.7	
A17K	Donlin	93.38 9	P	P	01 32 02.0 +0.7	
ATAH	Atahualpa	93.78 100	LR	LR	02 05 52.9	
L19K	White Mountain	93.92 10	P	P	01 32 02.3 -1.5	
L19K	White Mountain	93.92 10	I	Amb	01 32 06.3	
L19K	White Mountain	93.92 10	P	P	01 32 03.2 -0.6	
EYAK	Cordoba Ski Ar	94.11 15	P	P	01 32 04.5 -0.1	
HEH	HeiHe	94.13 328	eP	P	01 32 06.8 +1.8	
HEH	HeiHe	94.13 328	eP	P	01 32 06.8 +1.8	
CMAR	Chiang Mai Arr	94.22 289	P	P	01 32 06.0 -0.2	
CMAR	Chiang Mai Arr	94.22 289	P	P	01 32 07.2 +1.0	
CMAR	Chiang Mai Arr	94.22 289	P	P	02 16 31.9	
CMAR	Chiang Mai Arr	94.22 289	P	P	02 16 31.9	
CMAR	Chiang Mai Arr	94.22 289	P	P	01 32 07.9 +1.7	
CMAR	Chiang Mai Arr	94.22 289	P	P	01 32 07.9 +1.7	
PMR	Palme	94.36 13	P	P	01 32 05.4 -0.3	
J18K	Innoko River	94.87 9	P	P	01 32 08.5 +0.4	
PDAR	Pinedale Arr	95.49 43	P	P	01 32 11.1 -0.7	
PDAR	Pinedale Arr	95.49 43	P	P	02 09 02.4	
PDAR	Pinedale Arr	95.49 43	P	P	02 09 02.4	
PDAR	Pinedale Arr	95.49 43	P	P	02 09 02.4	
PDAR	Pinedale Arr	95.49 43	P	P	02 09 02.4	
WAT6	Watawa	95.53 13	P	P	01 32 11.4 +0.1	
BOZ	Bozeman (W)	96.02 40	P	I	Amb	01 32 13.0 -1.0
BOZ	Bozeman (W)	96.02 40	P	I	Amb	01 32 31.0
BOZ	Bozeman (W)	96.02 40	P	P	01 32 13.6 -0.3	
BOZ	Bozeman (W)	96.02 40	P	P	01 32 13.0 -1.0	
BOZ	Bozeman (W)	96.02 40	P	P	01 32 13.0 -1.0	
PZH	Panzhihua	96.07 297	P	P	01 32 16.9 +2.3	
PZH	Panzhihua	96.07 297	P	P	01 32 16.9 +2.3	
PZH	Panzhihua	96.07 297	P	P	01 32 16.9 +2.3	
PZH	Panzhihua	96.07 297	P	P	01 32 16.9 +2.3	
PZH	Panzhihua	96.07 297	P	P	01 32 16.9 +2.3	
RND	Reindeer	96.07 12	P	P	01 32 13.3 -0.4	
RND	Reindeer	96.07 12	P	P	01 32 13.3 -0.4	
RND	Reindeer	96.07 12	P	P	01 32 13.3 -0.4	
RND	Reindeer	96.07 12	P	P	01 32 13.3 -0.4	
RND	Reindeer	96.07 12	P	P	01 32 13.3 -0.4	
SEY	Seymchan	96.13 346	LR	LR	02 10 08.8	
SEY	Seymchan	96.13 346	LR	LR	02 10 08.8	
SEY	Seymchan	96.13 346	LR	LR	02 10 08.8	
SEY	Seymchan	96.13 346	LR			

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Starji Chortor, Keskin Array S, etc.

NEIC 11 01:25:37.9-0.9, 19.429N,0.008-155.267W,0.007, h4km,1km, Error ellipse: s-maj=1.2km s-min=0.9km

HVO 11 01:25:37.4-0.7, 19.412N,0.007-155.271W,0.005, h1km,3km,ML2,3,ML7,4/3(NEIC), Error ellipse: s-maj=1.0km s-min=0.7km az=195.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Byron's Ledge, Observatory Le, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOKA, HMH, MLOA, etc.

IDC 11 02:01:24.6:65.0, 16.133S-172.97W, h0km,mb3.4/3, mbtpm4.3,MS3.5/1, Error ellipse: s-maj=1251.0km s-min=201.9km az=79.0, Samoa Islands region

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

IDC 11 02:29:02.6:0.8, 35.31S:78.50E, h0km,mb3.9/8, mbtpm3.9/8,MS3.5/5, Error ellipse: s-maj=41.9km s-min=23.9km az=79.0

ISC 11 02:29:04.8:0.8, MS3.6/5, 78.5E,0.2, h14km,n23, r=1509.9,mb4.0,8,MS3.6/5, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H04N2, H04N1, H04N3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MT02, VA03, VA03, etc.

NEIC 11 03:23:06.3:0.9, 19.386N,0.010-155.277W,0.005, h5km,1km, Error ellipse: s-maj=2.0km s-min=1.7km az=161.0

HVO 11 03:23:05.7:1.0, 19.400N,0.008-155.271W,0.007, h3km,1km,ML3,4/4,ML3,3/4(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=199.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKO, RIM, BYL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, VANDA Vanda, TXAR Lajitas Array, etc.

NEIC 11 04:08:46.7.1.1, 19'430N,0'004-155'274W,0'007, h5km,1km, Error ellipse: s-maj=2.5km s-min=1.0km az=138.0

HVO 11 04:08:46.4.0.8, 19.415N,0'006-155'275W,0'004, h1km,2km,ML3.0/40,ML2.9/41(NEIC), Error ellipse: s-maj=0.9km s-min=0.6km az=193.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OBL Observatory Le, SBLH Steaming Bluff, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MWH Kahoa, PAH Pahoa, KHU Kahuku, etc.

NEIC 11 04:24:53.3.0.9, 29'51N,0'03-105'03W,0'05, h10km,2km, mb_Lg3.3/79,ML3.6/44, Error ellipse: s-maj=7.5km s-min=3.1km az=243.0

MEX 11 04:25:04.1.0.5, 29'41N,105'34W, h10km, MD4.2 ISC 11 04:24:53.6.1.3, 29'51N,105'03W,0'03, h10km,11km,n69,-e214/73, Chihuahua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TX31 Lajitas Ar. Si, TX31 TX31, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDCO Great Sand Dun, OK038 West end E0370, etc.

IDC 11 04:31:22.6.2.3, 6.44S, 147.82E, h0km, mb3.4/2, mb2.3/4.4, ML0.5/1, MS2.9/1, Error ellipse: s-maj=60.2km s-min=34.9km az=105.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG 0.6nm,0.3s,baz=60,slow=20,SNR=2.6, etc.

SJA 11 04:34:46.6.0.7, 21'30S,68'66W, h135km,6km, ML4.1, MW4.0

NEIC 11 04:34:47.6.2.3, 21'35S,0'05-68'79W,0'07, h138km,5km, mb4.2/10,ML4.2(GUC), Error ellipse: s-maj=9.7km s-min=6.5km az=72.0

VAO 11 04:34:47.2.0.4, 21'12S,68'56W, h100km,5km, mb4.4 IDC 11 04:34:48.7.0.6, 21'36S,68'32W, h12km,6km, mb3.9/9, mbmp4.3/12, MS2.7/1, Error ellipse: s-maj=20.7km s-min=9.0km az=108.0

GUC 11 04:34:48.8.0.6, 21'32S,68'63W, h120km,4km, ML4.2 ISC 11 04:34:47.5.0.5, 21'28S,0'03-68'58W,0'04, h118km,5km, n130,-r168/157,mb4.2/11,8C-3D, Chile-Bolivia border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, PB14, PB18, G002, etc.

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TEZP, SHL, SHILLONG, etc.

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

KBL	Kabul	21.89 298	P	P	04 58 41.2 +2.0
KBL	Kabul	21.89 298	P	P	04 58 41.2 +2.0
AAK	Ala-Archa	22.05 322	P	I	04 58 41.8 +1.1
AAK	Ala-Archa	22.05 322	P	I	04 58 41.4 +0.7
AAK	Ala-Archa	22.05 322	P	I	04 58 41.7 +1.0
MK31	Makanchi Array	22.05 341	P	P	04 58 39.7 -0.9
MK31	Makanchi Array	22.05 341	P	P	04 58 40.0 -0.2
MKAR	Makanchi Array	22.05 341	P	P	04 58 40.0 +0.2
MKAR	Makanchi Array	22.05 341	P	P	04 58 40.0 +0.2
MKAR	Makanchi Array	22.05 341	P	P	04 58 40.0 +0.2
ARSB	Arslanbob	22.09 318	P	P	04 58 40.9 -0.3
ARSB	Arslanbob	22.09 318	P	P	04 58 40.9 -0.3
MAKZ	Makanchi	22.16 340	P	P	04 58 41.4 -0.3
MAKZ	Makanchi	22.16 340	P	P	04 58 41.4 -0.3
MLSI	Meulaboh, Aceh	22.18 170	P	P	04 58 44.5 +2.3
KULM	Kulim	22.24 158	P	P	04 58 42.6 -0.2
GAR	Garm	22.59 310	P	P	04 58 47.5 +1.0
BTK	Batken	22.76 313	P	P	04 58 49.5 +1.2
BTK	Batken	22.76 313	P	P	04 58 49.5 +1.2
IPM	Iloh	23.12 158	P	P	04 58 51.4 -0.6
TIA	Taian	23.13 59	P	P	04 58 51.5 -0.5
KCSI	Kotacane, Aceh	23.16 167	P	P	04 58 55.3 +2.9
CHGR	Chuyangaron	23.24 308	P	P	04 58 53.7 +0.6
CHGR	Chuyangaron	23.24 308	P	P	04 58 53.7 +0.6
TRKS	Terek-Say	23.34 316	P	P	04 58 56.7 +2.6
SIMJ	Simiganj	23.35 308	P	P	04 58 52.7 -1.5
NJ2	Nanjing	23.60 70	eP	P	04 58 55.4 -1.1
BJT	Beijiatuau	23.93 49	P	P	04 59 00.1 +0.6
BJI	Beijing	23.95 49	P	P	04 58 59.6 0.0
SONM	Songino Array	24.10 23	P	P	04 59 00.7 -0.4
SONM	Songino Array	24.10 23	P	P	04 59 00.5 -0.6
SONM	Songino Array	24.10 23	P	P	04 59 00.7 -0.4
SONM	Songino Array	24.10 23	P	P	04 59 00.7 -0.4
PSI	Prapat	24.12 164	P	P	04 59 03.7 +2.2
PSI	Prapat	24.12 164	P	P	04 59 01.7 +0.2
RPSI	Rantau Prapat	24.22 164	P	P	04 59 01.7 -0.5
ULN	Ulanbaatar	24.36 24	P	P	04 59 02.8 -0.7
ULN	Ulanbaatar	24.36 24	P	P	04 59 02.8 -0.7
ULN	Ulanbaatar	24.36 24	P	P	04 59 03.2 -0.3
KK31	Karatay Array	24.62 319	P	P	04 59 07.1 +1.4
KK31	Karatay Array	24.62 319	P	P	04 59 07.1 +1.4
KKAR	Karatay Array	24.62 319	P	P	04 59 07.0 +1.2
KKAR	Karatay Array	24.62 319	P	P	04 59 06.8 +1.1
KKAR	Karatay Array	24.62 319	P	P	04 59 07.0 +1.2
GSI	Gunungstigi	25.29 168	P	P	04 59 13.8 +1.8
ZAK	Zakamnsk	25.43 16	eP	P	04 59 14.2 +1.1
XLT	XilinHaoTe	25.90 41	eP	P	04 59 20.4 +3.0
YULB	Yu-li	26.18 90	P	P	04 59 21.3 +1.3
NACB	Ninganchiao	26.29 88	P	P	04 59 21.7 +0.7
NACB	Ninganchiao	26.29 88	P	P	04 59 19.9 +1.1
KURBB	Kurchatov Arra	26.60 340	P	P	04 59 22.4 -1.1
KURBB	Kurchatov Arra	26.60 340	P	P	04 59 22.4 -1.1
KURK	Kurchatov	26.65 340	P	P	04 59 25.1 +1.1
KURK	Kurchatov	26.65 340	P	P	04 59 24.3 +0.3
IRK	Irkutsk	27.39 16	eP	P	04 59 35.4 +4.7
ZAAO	Zalesovo Array	28.24 350	P	P	04 59 38.8 +0.6
ZALV	Zalesovo Beam	28.24 350	P	P	04 59 38.8 +0.6
ZALV	Zalesovo Beam	28.24 350	P	P	04 59 37.3 -0.9
ZALV	Zalesovo Beam	28.24 350	P	P	04 59 39.2 +1.0
KSM	Kuching	29.97 143	P	P	04 59 55.0 +1.1
KSM	Kuching	29.97 143	P	P	04 59 54.3 +0.4
SBUM	Sibu	30.27 138	P	P	04 59 56.1 -0.4
TJW	Taegjon	31.21 63	eP	P	04 59 57.5 +0.4
GEYT	Alibeck	31.27 300	P	P	05 00 05.7 +0.4
GYA0B	ALIBECK ARRAY	31.27 300	P	P	05 00 05.4 +0.1
BVAR	Borovoye Array	31.46 324	P	P	05 00 06.7 -0.1
BVAR	Borovoye Array	31.46 324	P	P	05 00 06.3 -2.8
BVAR	Borovoye Array	31.46 324	P	P	05 00 07.6 +0.3
BRVK	Borovoye	31.53 334	P	P	05 00 07.6 +0.3

BRVK	Borovoye	31.53 334	eP	P	05 00 06.3 -1.0
BRVK	Borovoye	31.53 334	P	P	05 00 08.1 +0.7
BRVK	Borovoye	31.53 334	P	P	05 00 20.5 +0.3
KSRs	Korea Array	31.83 61	P	P	05 00 08.6 -1.5
KSRs	Korea Array	31.83 61	P	P	05 02 57.7 -2.5
JOW	Jow	31.85 81	LR	LR	05 13 31.2
MYLDM	Lahad Datu	32.44 126	P	P	05 00 15.6 -0.1
JNU	Nakatsue	33.80 69	LR	LR	05 15 53.8
BNX	BinXian	33.84 46	P	P	05 00 28.4 +0.8
ABKAR	Abkulak array	34.12 321	P	P	05 00 30.4 +0.4
MDJ	Mudanjiang	34.88 49	P	P	05 00 37.3 +0.7
MDJ	Mudanjiang	34.88 49	P	P	05 00 37.3 +0.7
AKTO	Aktuyubinsk	35.79 322	LR	LR	05 18 25.7
HEH	HeiHe	35.82 39	eP	P	05 00 45.5 +0.9
USSRK	Ussuriysk Ar.	36.39 50	P	P	05 00 48.1 -1.5
DAV	Davao City (W)	36.74 115	LR	LR	05 18 59.2
TOLIZ	Toilitoi	36.89 128	P	P	05 00 54.6 +0.5
TOLIZ	Toilitoi	36.89 128	P	P	05 00 54.4 +0.3
KPJ	Karan-Pucung	36.98 152	P	P	05 00 55.5 +0.7
SMRI	Semarang	37.38 150	P	P	05 01 00.7 +1.6
SMRI	Semarang	37.38 150	P	P	05 01 00.1 +1.9
SMRI	Semarang	37.38 150	P	P	05 01 00.7 +2.5
ZEZ	Zeya	37.53 34	eP	P	05 01 14.6 +2.3
KLR	Kul'dur	37.91 42	LR	LR	05 18 29.4
KLR	Kul'dur	37.91 42	eP	P	05 00 59.6 -2.8
SVE	Sverdiolovsk	38.14 332	eP	P	05 01 18.2 +0.8
ARU	Arti	38.79 330	LR	LR	05 19 13.3
ARU	Arti	38.79 330	eP	P	05 01 22.8 -0.1
ARU	Arti	38.79 330	eP	P	05 02 49.5
ARU	Arti	38.79 330	eP	P	05 10 29.3 +3.4
GTOI	Goronlo	38.82 126	P	P	05 01 09.8 -0.6
INUJ	Inuyama	38.93 66	P	P	05 01 10.7 -0.4
MJBB	Matsu-Tunnel	39.92 64	P	P	05 01 18.2 -1.2
MJBB	Matsu-Tunnel	39.92 64	P	P	05 01 19.7
MAJO	Matsushiro	39.92 64	P	P	05 01 19.0 -0.5
MAJO	Matsushiro	39.92 64	P	P	05 01 18.8 -0.7
MAJO	Matsushiro	39.92 64	P	P	05 01 20.1
MAJO	Matsushiro	39.92 64	eP	P	05 01 18.9 -0.5
MAJO	Matsushiro	39.92 64	P	P	05 01 19.1 -0.5
MAJO	Matsushiro	39.92 64	P	P	05 01 32.0 -0.7
MJAR	Matsushiro Arr	39.92 64	P	P	05 01 18.3 -1.2
MJAR	Matsushiro Arr	39.92 64	P	P	05 19 09.9
GNI	Garni	41.88 302	LR	LR	05 21 51.3
GNI	Garni	41.88 302	iP	P	05 01 37.8 +2.1
BELG	Belogornoye	42.51 320	eP	P	05 01 40.3 -0.1
RAYN	Ar Rayn	42.63 277	P	P	05 01 41.2 -0.7
RAYN	Ar Rayn	42.63 277	P	P	05 01 41.2 -0.7
RAYN	Ar Rayn	42.63 277	P	P	05 01 42.1 +0.3
RAYN	Ar Rayn	42.63 277	P	P	05 01 46.9 +1.7
ONi	Oni	43.07 305	P	P	05 02 02.5
ONi	Oni	43.07 305	P	P	05 01 46.9 +1.7
KARS	Kars	43.18 302	P	P	05 01 47.9 +1.7
KARS	Kars	43.18 302	P	P	05 01 47.9 +1.7
YAK	Yakutsk	43.45 24	LR	LR	05 21 31.2
KBZ	Khabaz	43.60 307	P	P	05 01 50.7 +1.4
KBZ	Khabaz	43.60 307	P	P	05 22 54.2
KBZ	Khabaz	43.60 307	eP	P	05 01 49.2 -0.1
KBZ	Khabaz	43.60 307	eP	P	05 01 52.6 +1.7
KIV	Kislovodsk	43.77 307	P	P	05 02 07.0
KIV	Kislovodsk	43.77 307	P	P	05 01 50.1 -0.8
ASAJ	Asahikawa	43.85 53	LR	LR	05 20 59.5
GURO	Guroymak-BITLI	43.91 299	P	P	05 01 53.8 +1.7
KIROV	Kirov	44.11 329	LR	LR	05 22 32.0
KIROV	Kirov	44.11 329	eP	P	05 01 53.4 +0.2
YSS	Yuzh-Sakhalins	44.37 49	eP	P	05 01 56.1 +0.7
VRH	Novokhopovorsk	45.68 317	eP	P	05 02 17.7 -1.6
SOC	Sochi	45.88 306	eP	P	05 02 07.4 -0.1
SOC	Sochi	45.88 306	eP	P	05 03 55.2
SOC	Sochi	45.88 306	eP	P	05 04 43.1
SOC	Sochi	45.88 306	eP	P	05 08 52.9 +4.6
SOE	Soe	47.22 135	P	P	05 02 17.1 -1.3
VSR	Storzhevoye	47.26 317	eP	P	05 02 30.3 -1.4
VORR	Voronezh	47.32 317	eP	P	05 02 31.2 -0.9
LPSR	Galich'ya Gora	47.68 318	eP	P	05 02 33.7 -1.2
OBN	Obninsk	49.57 321	LR	LR	05 25 48.6
OBN	Obninsk	49.57 321	eP	P	05 02 35.4 -0.5
OBN	Obninsk	49.57 321	eP	P	05 04 00.5
OBN	Obninsk	49.57 321	eP	P	05 04 28.6
OBN	Obninsk	49.57 321	eP	P	05 02 42.2 +6.0
KLMM	Klimovskoe	49.62 329	eP	P	05 02 42.2 +6.0

MMAI	Mount Meron Ar	49.65 292	LR	LR	05 27 50.9
TIXI	Tiksi	49.69 14	P	P	05 02 36.2 -0.4
TIXI	Tiksi	49.69 14	eP	P	05 03 08.1
TIXI	Tiksi	49.69 14	eP	P	05 02 35.9 -0.7
TIXI	Tiksi	49.69 14	P	P	05 02 36.6 0.0
BR104	Keskin Array S	50.41 301	P	P	05 02 44.1 +1.4
BR131	Keskin Array S	50.41 301	P	P	05 02 42.8 +0.1
BR131	Keskin Array S	50.41 301	P	P	05 02 58.4
BR131	Keskin Array S	50.41 301	eP	P	05 02 46.6 +1.8
BRTR	Keskin Array B	50.41 301	P	P	05 02 42.7 -0.1
BRTR	Keskin Array B	50.41 301	P	P	05 02 42.0 -0.8
BRTR	Keskin Array B	50.41 301	P	P	05 02 55.8 -0.5
BRTR	Keskin Array B	50.41 301	P	P	05 02 52.9
BRTR	Keskin Array B	50.41 301	P	P	05 02 42.7 -0.1
GUMO	Guam	50.42 94	LR	LR	05 22 20.7
BR106	Keskin Array S	50.43 301	P	P	05 02 44.4 +1.5
BR106	Keskin Array S	50.43 301	P	P	05 02 44.6 +1.7
EIL	Eilat	50.59 288	LR	LR	05 26 15.5
MA2	Magadan	51.68 93	LR	LR	05 26 42.1
SEY	Seymchan	53.25 30	LR	LR	05 27 27.5
AK09	Malin Array Si	53.40 315	P	P	05 03 04.9 +0.3
AKASG	Malin Array Si	53.40 315	P	P	05 03 04.7 -0.2
AKASG	Malin Array Si	53.40 315	P	P	05 03 17.6 -1.0
AKASG	Malin Array Si	53.40 315	P	P	05 29 49.6
AKBB	Malin Array Si	53.44 315	P	P	05 03 04.6 -0.3
AKBB	Malin Array Si	53.44 315	P	P	05 03 02.0
AKBB	Malin Array Si	53.44 315	P	P	05 03 05.2 +0.3
AKBB	Malin Array Si	53.44 315	P	P	05 03 05.0 +0.1
AKBB	Malin Array Si	53.44 315	P	P	05 03 08.2 0.0
MBWA	Marble Bar	53.99 148	P	P	05 03 08.9 +0.3
MBWA	Marble Bar	53.99 148	P	P	05 03 09.3 0.0
MBWA	Marble Bar	53.99 148	P	P	05 03 10.3
MBWA	Marble Bar	53.99 148	P	P	05 03 09.5 +0.3
MBWA	Marble Bar	53.99 148	P	P	05 03 24.2 +1.2
MBWA	Marble Bar	53.99 148	P	P	05 03 10.6 +0.9
MBWA	Marble Bar	53.99 148	P	P	05 03 12.5 +0.8
MBWA	Marble Bar	53.99 148	P	P	05 03 12.0 -0.2
MBWA	Marble Bar	53.99 148	P	P	05 03 12.1 -0.1
MBWA	Marble Bar	53.99 148	P	P	05 03 14.2 +0.9
MBWA	Marble Bar	53.99 148	P	P	05 03 13.1 -0.3
MBWA	Marble Bar	53.99 148	P	P	05 29 17.1
NACGM	Naroch	55.12 320	eP	P	05 03 25.2 +8.1
VRI	Vrincioia	55.15 309	P	P	05 03 32.0 +0.8
VRI	Vrincioia	55.15 309	P	P	05 03 19.8 +2.3
VRI	Vrincioia	55.15 309	P	P	05 03 32.0 +0.8
VRI	Vrincioia	55.15 309	P		

Table with columns: Station Name, Time, Res, ISC, H, m, S, ISC. Includes stations like Teshekpuk Lake, Miner, Mount Dempster, Deep Springs, Mina Array, etc.

IDC 11 05:04:32.8±1.9, 15.99S;73.41W, h62km, 18km, mb3.6/9, mbmp3.9/12, MS3.1/5, Error ellipse: s-maj=27.1km s-min=12.3km az=62.0

NEIC 11 05:04:33.5±1.8, 15.98S;73.46W±0.05, h62km, 7km, mb4.6/68, Error ellipse: s-maj=8.9km s-min=3.2km az=136.0

ISC 11 05:04:32.7±0.4, 16.04S;73.44W±0.07, h63km, n128, s1528/121, mb4.5/38, 1-C, 2-D, Near coast of Peru

Main table for station 605, listing station names, times, residuals, and phases. Includes stations like Chacalluta, IPOC Station, Visviri, La Paz, etc.

Table for station 2018 JUN, listing station names, times, residuals, and phases. Includes stations like Smith Brothers, Tazewell, Red Boiling Sp, etc.

NEIC 11 05:08:36.0±1.2, 19.415N;0.009-155.282W±0.008, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.3km az=152.0

HVO 11 05:08:35.4±0.8, 19.411N;0.004-155.269W±0.007, h1km, 3km, ML2.8/39, ML2.7/40(NEIC), Error ellipse: s-maj=0.9km s-min=0.4km az=58.0, Hawaiian Islands

Table for station 2018 JUN, listing station names, times, residuals, and phases. Includes stations like Byron's Ledge, Keanakakoi, etc.

Table for station 11d 5h, listing station names, times, residuals, and phases. Includes stations like North of Pu'u, Jucuzzi, etc.

NEIC 11 05:10:00.9±0.8, 19.415N;0.009-155.260W±0.005, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.5km az=32.0

HVO 11 05:10:00.2±0.9, 19.409N;0.006-155.270W±0.006, h1km, 3km, ML3.5/13, ML2.3/30(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=190.0, Hawaiian Islands

Main table for station 11d 5h, listing station names, times, residuals, and phases. Includes stations like Byron's Ledge, Keanakakoi, etc.

OSPL 11 05:26:08.4±2.7, 18.87N;73.566W, h0km, 15km, ML2.9 SDD 11 05:26:08.4±2.6, 18.88N;73.54W, h21km, 30km, MD3.6, ML3.0, MW3.4 SSNC 11 05:26:09.4±1.3, 18.94N;73.50W, h7km, 10km, MD3.3, ML2.9

ISC 11 05:26:06.0±1.2, 19.00N;0.066-173.53W±0.03, h15km, 10km, n26, r142/45, 11C-3D, Haiti region

Main table for station 11d 5h, listing station names, times, residuals, and phases. Includes stations like Port-au-Prince, Port-au-Prince, etc.

11d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLMC San Jos del P, APAC Apartado, Choc, YOTC Yotoco, Valle, GUVG San Jose del G, etc.

TAP 11 07:30:40.9, 24°68'N, 122°46'E, h114km, ML3.0, C
JMA 11 07:30:41.2, 0.1, 25°N, 1°122°6'E, 0.3, h106km, 1km,
MV1.9/1.1, NW OFF ISHIGAKIJIMA IS
ISC 11 07:30:40.5, 1.4, 24°64'N, 0.0, 122°54'E, 0.0, h111km, 7km,
n80, c0586/146, 5C-6D, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S2, E0S3, E0S4, JYNG, Y0S4, E0S4, etc.

2018 JUN

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TDCB Tech, CHGB Renai, CHGB Renai, LIOB Emei, etc.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, PRSN Puerto Rico Se, etc.

IDC 11 07:46:59.4, 2.2, 1°64'N, 126°98'E, h0km, mb3.5/3,
mbmp3.5/3, MS3.7/2, Error ellipse: s-maj=177.0km
s-min=26.2km az=66.0
DJA 11 07:47:03.9, 0.4, 1°N, 4°12'7E, h10km, M3.5/5, ML3.5/5
ISC 11 07:47:01.3, 1.7, 1.7N, 0.2, 126.8E, 0.2, h10km, n8, c1930/6,
mb3.5/3, Northern Molucca Sea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like TNTI Ternate, LMBM Labuha, GTOI Gorontalo, etc.

NEIC 11 07:53:23.6-0.9, 191.425N; 0.008-155.279W; 0.006, h2km, Error ellipse: s-maj=1.2km s-min=0.8km az=189.0

HVO 11 07:53:22.9-0.7, 19.413N; 0.007-155.282W; 0.006, h1km, ML2.8/4.1, ML2.6/36(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=196.0, Hawaiian Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like OBL Observatory Le Uwekahuna B, UWE Uwekahuna, SBLHI Steaming Bluff, etc.

IDC 11 08:05:13.0-1.0, 19.98S; 175.02W, h0km, mb4.0/6, mbtmp4.1/7, ML4.7/1, MS3.1/2, Error ellipse: s-maj=33.5km s-min=24.5km az=101.0

NEIC 11 08:05:15.8-2.0, 19.99S; 0.04-174.9W; 0.1, h10km, 1km, mb4.6/20, Error ellipse: s-maj=20.0km s-min=5.0km az=105.0

ISC 11 08:05:14.7-0.6, 20.0S; 0.1-174.84W; 0.08, h10km, n42, +122/37, mb4.5/15, Tonga Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiatama, RAR Rarotonga, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like VNA Vanda, VDA Vanda, VNSA Vanda, etc.

IDC 11 08:08:28.3-1.6, 2.73N; 128.73E, h224km, 14km, mb3.7/15, mbtmp4.3/16, Error ellipse: s-maj=21.9km s-min=8.1km az=78.0

NEIC 11 08:08:28.8-1.6, 2.82N; 0.08-128.70E; 0.06, h214km, 7km, mb4.4/95, Error ellipse: s-maj=1.2km s-min=8.5km az=133.0

DJA 11 08:08:29.8-0.3, 3.4N; 4.12E, h222km, 5km, M4.6/9, mb4.4/5, mbB4.6/2, MLV4.7/9, Mw(MB)3.8/2

ISC 11 08:08:26.3-0.3, 2.80N; 0.05-128.69E; 0.06, h200km, n151, +137/161, mb4.4/66, Halmaera

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like TNTI Ternate, KMSI Cibinong, SANI Sanana, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like MORW Morawa, KSRS Korea Array, MJAR Matsuhiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ikkilik River, Sawmill, Happy Valley, etc.

IDC 11 08:23:10.1±6.0, 0.48N, 124.07E, h164km, 54km, mb3.6/7, mbmp4.2/9, Error ellipse: s-maj=80.1km s-min=13.9km az=60.0

NEIC 11 08:23:13.7±1.4, 0.19N, 0.05±123.89E±0.05, h180km, 7km, mb4.4/32, Error ellipse: s-maj=10.6km s-min=2.0km az=24.0

DJA 11 08:23:14.0±0.2, 0.2N, 2.12±12.4E±, h181km, 3km, M4.5/13, mb4.6/5, mB5.0/2, MLV4.5/13, Mw(mB)4.3/2

ISC 11 08:23:14.4±0.5, 0.14N, 0.05±123.87E±0.05, h200km, n68, az=162/78, mb4.3/24, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cibinong, Luwuk, Sanana, etc.

MYLDM Lahad Datu 7.34 34 Pn Pn 08 24 55.5 -3.6

WRA Warrunganga Arr 22.43 153 P P 08 27 56.7 -0.2

WBR2 Warrunganga Arr 22.44 153 P Iamb Iamb 08 27 56.9 0.0

WRK Warakurna 25.39 171 P P 08 28 24.8 +1.2

ASAR Alice Springs 25.59 158 P P 08 28 26.8 +1.4

ASO1 Alice Springs 25.60 158 P P 08 28 25.3 -0.2

FORT Forrest 31.00 173 P P 08 29 14.4 +1.1

INKA Innaminka 32.10 151 P P 08 29 25.8 +2.9

STKA Stephens Creek 35.99 154 P P 08 29 57.1 +0.8

CAN Canberra 42.35 149 P P 08 30 51.1 +2.0

DZM Mont Dzumac 46.98 121 P P 08 31 27.0 +1.1

DKAR Diego Garcia 51.82 261 P P 08 32 02.4 -0.1

BRVK Borovoye 68.82 329 P P 08 33 55.3 -1.8

VNDA Vanda 80.26 172 P P 08 35 03.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, D19K Kuna River, H19K Roundabout Mo, etc.

SKHL 11 08:23:34.3±0.6, 0.42N, 104.12±104.60E, h51km, 3km, mb4.7/5

NIED 11 08:23:34.1, 42.15N, 142.55E, h47km, M3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

JMA 11 08:23:34.1±0.3, 42.15N, 142.55E, h47km, 2km, M3.6/35, S Off URAKAWA

ISC 11 08:23:33.4±1.4, 0.42N, 0.06±124.54E±0.03, h31km, 13km, n19, az=195/30, 4D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNBK Urakawa-nobuka, JSHD Hidakashinida, JEM Eriko, etc.

NEIC 11 08:27:48.5±1.7, 13.16N, 0.08±144.9E±0.1, h55km, 7km, mb4.6/23, Error ellipse: s-maj=14.5km s-min=11.0km az=74.0

ISC 11 08:27:48.1±0.5, 13.09N, 0.08±144.92E±0.09, h57km, n29, az=150/30, mb4.6/13, Mariana Islands

GUMO Guam 0.49 354 S Pn 08 27 59.9 +0.1

MYLDM Lahad Datu 7.34 34 Pn Pn 08 24 55.5 -3.6

KNMB Chin-men Tao 27.49 298 P Iamb Iamb 08 33 29.9 +0.6

MTN Manton Dam 29.17 208 P Iamb Iamb 08 33 44.5 +0.2

TARA Tarawa 30.08 111 P P 08 33 51.5 -0.9

WRAB Warrunganga Arr 34.43 198 P Iamb Iamb 08 34 40.9 -0.6

WRB2 Warrunganga Arr 34.44 198 P Iamb Iamb 08 34 29.5 -0.9

WRK Warakurna 34.44 198 P P 08 34 29.3 -1.1

ASO1 Alice Springs 34.48 198 P P 08 34 02.6 +0.0

KOUNC Koumac, New Ca 38.48 150 P P 08 35 04.8 0.0

SVW2 Sparrevohn 64.09 28 P P 08 38 16.7 +0.7

SVW2 Sparrevohn 64.09 28 P P 08 38 16.7 +0.7

OSPL 11 08:39:47.9±2.3, 18.38N, 73.13W, h0km, 11km, ML2.2

ISC 11 08:39:51.5±1.9, 18.7N, 0.1±172.87W±0.07, h14km±14km, n8, az=112/14, Haiti region

Code Station Name Az Az' Phase ID Time Res. Includes stations like PAPH Port-au-Prince, PAPH Port-au-Prince, etc.

SDDR Presa de Saban 1.52 80 P Iamb Iamb 08 40 20.8 +0.1

PODR Polo 1.60 110 P Pn 08 40 18.3 -1.4

MASC Masc 1.94 319 P Pn 08 40 22.5 -1.5

GTBY Guantanamo Bay 2.44 300 P Pn 08 40 30.1 -0.9

NEIC 11 08:53:49.5±1.0, 19.404N, 0.007±155.283W±0.005, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.2km az=161.0

HVO 11 08:53:49.0±1.1, 19.402N, 0.004±155.276W±0.006, h1km, 3km, ML3.5/51, ML3.4/31 (NEIC), Error ellipse: s-maj=0.9km s-min=0.5km az=65.0, Hawaiian Islands

RIM Rim 0.01 161 Op Pn 08 53 49.8 +0.4

OBH Observatory Le 0.02 335 Pg Pn 08 53 50.5 +1.0

SDHL Sand Hill 0.02 335 Pg Pn 08 53 50.7 +1.2

UWU Uwekahuna B 0.02 356 Pg Pn 08 53 50.1 +0.5

HATH Halema'uma'u T 0.03 34 Pg Pn 08 53 50.1 +0.5

RSD Rainshead 0.06 358 Pg Pn 08 53 50.8 +1.2

PUH Pauahi 0.06 116 Pg Pn 08 53 51.0 +0.8

KNHH Kane Nui o Ham 0.10 102 Pg Pn 08 53 52.0 +1.0

MLH Mauna Loa 0.14 312 Pg Pn 08 53 52.7 +0.9

STCH Steam Cracks 0.14 96 Pg Pn 08 53 54.7 +1.0

STCH North of Pu'u 0.16 93 Pg Pn 08 53 52.8 +0.8

JCUZ Jacuzzi 0.17 96 Pg Pn 08 53 55.4 +1.0

HJM Humu'ula Sheep 0.28 316 Pg Pn 08 53 55.4 +1.0

MLOA Mauna Loa Obse 0.31 295 Pg Pn 08 53 55.8 +0.7

MWH Mokuaweowe 0.31 285 Pg Pn 08 53 55.8 +0.8

POHA Pohakuloa 0.43 326 Pg Pn 08 53 57.8 +0.6

HUH Hualalai 0.60 298 Pg Pn 08 54 01.1 +0.7

HVO 11 08:55:25.2±1.0, 19.419N, 0.006±155.282W±0.006, s-maj=1.0km s-min=0.7km az=208.0

NEIC 11 08:55:25.6±1.7, 19.442N, 0.008±155.285W±0.005, h5km, 1km, Error ellipse: s-maj=2.7km s-min=1.4km az=73.0, Hawaiian Islands

UWB Uwekahuna B 0.02 159 Pg Pn 08 55 26.3 -0.4

STCH Steam Cracks 0.16 110 Pg Pn 08 55 28.7 +0.1

STCH Steam Cracks 0.16 110 Pg Pn 08 55 28.7 +0.1

STCH Steam Cracks 0.16 110 Pg Pn 08 55 28.7 +0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOKA, MLOA, MWH, KHU.

NEIC 11 09:04:49.1±1.0, 19.38N±0.01x155.270W±0.007, h2km±2km, Error ellipse: s-maj=1.9km s-min=0.9km az=173.0

HVO 11 09:04:48.5±0.7, 19.398N±0.007, 155.272W±0.009, h0km±3km, ML3.040, ML2.9/44(NEIC), Error ellipse: s-maj=1.1km s-min=1.0km az=98.0, Hawaiian Islands

Main table for NEIC and HVO events, listing station codes, names, and data points.

IDC 11 09:12:15.9±3.4, 23.63S±179.87E, h501km±33km, mb2.8/4, r1b1b±3.5, Error ellipse: s-maj=38.1km s-min=26.8km az=15.0, South of Fiji Islands

Table for IDC event, listing station codes, names, and data points.

NEIC 11 09:17:04.2±1.3, 41.99N±0.03x112.57W±0.05, h5km±2km, Error ellipse: s-maj=6.9km s-min=5.1km az=245.0

UOISS 11 09:17:04.5±1.2, 41.99N±0.03x112.57W±0.05, h6km±6km, ML2.9/17, ML2.8/92(NEIC), Error ellipse: s-maj=5.9km s-min=4.8km az=69.0, Utah

Main table for NEIC and UOISS events, listing station codes, names, and data points.

Main table for BSUT, FSWY, NLU, HLID, MPU, LOHW, IMW, PD31, ELK, FLYWY, RDMU, YFT, MFID, PT7A, TMUT, P18A, YHL, SRU, SPR3, DLMT, Q12A, MVA, PSUT, O20A, BMN, PLID, R11B, BMO, K22A, KVN stations.

IDC 11 09:19:57.1±1.3, 9.97N±59.74W, h0km, mb3.9/7, mbmp4.0/10, ML3.8/3, MS3.2/7, Error ellipse: s-maj=32.9km s-min=21.9km az=19.0

NEIC 11 09:19:58.5±2.5, 9.99N±0.07x59.64W±0.09, h10km±1km, mb4.4/3.3, Error ellipse: s-maj=15.8km s-min=9.7km az=57.0

TRN 11 09:20:00.6, 10.01N±59.79W, h129km, MD4.4, Far East of Trinidad.

ISC 11 09:20:01.1±1.6, 10.02N±0.05x59.72W±0.05, h24km±11km, n85, n1989/104, mb4.4/23, MS3.2/7, North Atlantic Ocean

Main table for IDC, NEIC, TRN, and ISC events, listing station codes, names, and data points.

Main table for FDF, MAGL, CBFE, GDSO, HOSNI, HOSN1, ABD, ANBD, ANBD, BOAV, BAUV, ELB, MDP, SDV, SDV, MACA, SACL, SACL, ETREX, CZSB, CZSB, LPAZ, NNA, TKL, P49A, SIUC, S44, PBMO, S39A, S39A, 833A, 833A, HND0, HND0, BRDY, BRDY, SAND, D41A, SCH0, MNHN, TXAR, TX31, VHRN, VHRN, 121A, ULM, X18A, X18A, WUAZ, WUAZ, P18A, P18A, TMUT, PDAR, PDAR, RLMT, RLMT, DUG, BGSU, BGSU, WCT, WCT, HLID, HLID, GMN, GMN, NVAR, NVAR, PLRD, PLRD, NEW, YKA, YKA, NOA, NOA.

GUC 11 09:25:47.6±0.8, 36.98S±72.91W, h56km±9km, ML4.0, NEIC 11 09:25:47.7±1.5, 36.97S±0.05x72.91W±0.1, h35km±2km, mb4.0/4.7, GUC, Error ellipse: s-maj=18.1km s-min=8.8km az=272.0

IDC 11 09:25:49.9±2.3, 37.23S±73.06W, mb3.1/5, mbmp3.4/6, Error ellipse: s-maj=35.5km s-min=19.3km az=69.0

ISC 11 09:25:46.9±0.7, 37.04S±0.05x72.94W±0.05, h56km±n68, n1568/74, mb3.5/5, C, Central Chile

Main table for GUC, IDC, and ISC events, listing station codes, names, and data points.

11d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include LR05 Currie, MT01 Popeta, VA05 Santo Domingo, BO04 La Punta, LL04 Puerto Octay, etc.

WEL 11 09:40:53.5, 1.2, 35.75S, 178.77E, h12km, M4.4/31, ML4.6/31, MLv4.4/31, Error ellipse: s-maj=0.0km s-min=0.0km az=103.6, confirmed

WEL 11 09:40:53.5, 7.3, 35.60S, 178.72E, h67km, 55km, mb3.6/3, mbtp3.9/3, ML4.4/1, Error ellipse: s-maj=59.9km s-min=28.2km az=54.0

NOU 11 09:40:56.7, 36.13S, 178.77E, h174km, mb4.1/11, Off E. Coast of N. Island, NZ.

ISC 11 09:40:53.1, 2.35, 75S, 179.2E, 0.1, h91km, 13km, n93, r171/84, mb4.0/3, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MXZ Matakaoa Point, WNGZ Waiomatatini S, HAZ Te Kaha, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include RIGZ Rimuhau, OMRZ Omnia, KARZ Kaharoa, etc.

UPP 11 10:00:42.0, 2.0, 67.63N, 21.02E, h0km, ML1.8, Unknown HCL 11 10:00:42.0, 2.0, 67.57N, 21.05E, h0km, ML2.0, Explosion

ISC 11 10:00:44.0, 1.0, 67.55N, 21.74E, h0km, mbtp3.1/5, ML1.8/4, Error ellipse: s-maj=17.5km s-min=8.5km

ISC 11 10:01:41.0, 0.7, 67.56N, 0.02, 21.10E, 0.03, h0km, n93, r155/52, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MASU Masugnsbyn, DUNU Dunderet, KUA Kuravaara, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include FINES comp=2.0, 1nm, 0.3s, bsz=343, slow=22, SNR=1.6, NOA NORSAR Array B, HFS Hagfors, etc.

IDC 11 10:09:06.6, 0.6, 5.59S, 154.56E, h98km, 5km, mb4.0/13, mbtp4.5/14, MS3.4/10, Error ellipse: s-maj=17.4km s-min=13.4km az=107.0

NEIC 11 10:09:11.0, 1.0, 1.3, 5.75S, 0.1, 154.45E, 0.07, h129km, 8km, mb4.4/40, Error ellipse: s-maj=15.2km s-min=9.2km az=176.0

ISC 11 10:09:08.5, 0.5, 5.52S, 0.07, 154.53E, 0.07, h118km, n88, r1940/79, mb4.4/32, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include RABL Rabaul, PMG 42nm, 0.7s, bsz=185, slow=19, SNR=1.5, MTSU Mount Surprise, etc.

Table with columns: TOIG, TOIX, TXIG, TXIG, HLIG, HLIG, TPIG, FTIG, FTIG, JAUV, JAUV. Includes station names like Toxpan, Tlaxiaco, Huajuapán de L., Tehuacán, Fresnillo de T., Jalcomulco.

GUC 11 10:35:08.6,0.2,9.05S;72.97W,h10km,2.4km,ML3.3 SJA 11 10:35:10.5,0.5,29.01S;73.07W,h10km,5km,ML4.0, MW4.0

ISC 11 10:35:09.1,2.6,29.02S;0.08;72.9W,0.1,h10km,n21, z=261/29.5C, Off coast of central Chile

Main table for GUC and ISC events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Serena, Llanos de Chal, Fray Jorge, Tololo Observa, Juntas del Tor, El Pedregal, Combarbal, Mina Casimiro, Rodeo, Cerro Coronel, Catapilco, GUANDACOL, Leoncito, San Esteban, Uspallata, Salagasta, Valle Fertil.

HVO 11 10:45:48.8,0.8,19.42N;0.01;155.290W;0.008, h=0km,4km,ML4.1/7,ML3.5/36(NEIC), Error ellipse: s-maj=1.6km s-min=1.1km az=173.0

NEIC 11 10:45:49.7,1.5,19.378N;0.009;155.285W;0.009, h5km,1km, Error ellipse: s-maj=2.6km s-min=1.6km az=145.0

IDC 11 10:45:50.3,1.8,19.70N;155.37W,h0km,mb3.8/5, mbmp3.8/5,MS3.1/1, Error ellipse: s-maj=61.5km, s-min=13.6km az=159.0

ISC 11 10:45:49.1,0.9,19.433N;0.04;155.31W;0.03,h6km,5km, n36, z=086/32, mb3.9/6, Hawaiian Islands

Main table for HVO, NEIC, IDC, and ISC events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Uwekahuna, Observatory Le, Uwekahuna B, Sand Hill, Rainshead, Halema'uma'u T, HATHI, RIM, MLH, Pauahi, Hilina Pali, Kane Nui o Ham, Kane Nui o Ham, Steam Cracks, Kane Nui o Ham, Humu'ula Sheep, Mauna Loa Obse, MLOA, Moku'awewe, JOKA, Kahuku, Pahoa, Pohakuloa, Hualalai, HAWAII INFRASO, Hawaii Prepara, Mahukona, Kahului Airpor, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, Pinedale Array, Eielson Array, Lajitas Array, Yellowknife Ar.

Table with columns: ASAJ, ASAJ, HHC, HHC, MKAR, MKAR. Includes station names like Asahikawa, Hu-ho-hoe, Makanchi Array.

NEIC 11 10:49:57.4,1.0,19.391N;0.007;155.285W;0.007, h1km,5km, Error ellipse: s-maj=1.1km s-min=0.8km az=150.0

HVO 11 10:49:56.6,0.8,19.398N;0.009;155.285W;0.009, h1km,4km,ML3.0/9,ML2.1/26(NEIC), Error ellipse: s-maj=1.3km s-min=1.1km az=192.0, Hawaiian Islands

Main table for NEIC and HVO events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RIM, OBL, UWB, SBLHI, HATHI, RSD, PUH, HLP, MLH, STCH, JOKA, HJM, KHU.

NEIC 11 10:50:51.9,1.4,19.414N;0.01;155.271W;0.008, h5km,2km, Error ellipse: s-maj=3.1km s-min=1.8km az=20.0

HVO 11 10:50:51.3,1.0,19.409N;0.010;155.271W;0.007, h1km,5km,ML3.3/12,ML2.3/30(NEIC), Error ellipse: s-maj=1.5km s-min=0.9km az=195.0, Hawaiian Islands

Main table for NEIC and HVO events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BYL, RIM, HATHI, UWB, SBLHI, UWE, SDHHI, RSD, PUH, KNHH, HLP, MLH, STCH, NPOC, MLOA, KHU, POHA.

SJA 11 10:52:17.2,0.7,31.26S;68.26W,h107km,3km,ML3.5, MW3.6

ISC 11 10:52:17.9,1.3,31.27S;0.03;68.27W;0.03,h109km,8km, n33, z=182/62, 1C, San Juan Province

Main table for SJA and ISC events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, Zonda, RTVC, DOCA, AVFE, ACCO, RTLS, ACDD, ACHE, ASAL.

Table with columns: AROD, AROD, ARCO, ARCO, AGUA, AGUA, AAGR, AAGR, CO01, CO01, CO01, CO01, CO01, CO01, AVIZ, AVIZ, CO02, CO02, CO02, CO02, CO04, CO04, VA03, VA03, MRA, MRA, RO01, RO01, CO05, CO05, MT03, MT03, CO06, CO06, MT05, MT05, AC05, AC05, LCO, LCO, MT02, MT02, TCA, TCA, RFA, RFA, BO01, BO01.

SOME 11 11:23:43.5,39.55N;76.50E,h0km KRNET 11 11:23:44.8,0.1,39.30N;76.53E,mb3.4 NNC 11 11:23:45.8,0.7,39.58N;76.50E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=4.5km s-min=3.2km az=168.0

ISC 11 11:23:47.5,1.4,39.40N;0.06;76.44E;0.04,h10km,n71, z=281/107,32C-21, Southern Xinjiang

Main table for AROD, AGUA, AAGR, CO01, AVIZ, MRA, RO01, CO05, MT03, CO06, MT05, AC05, LCO, MT02, TCA, RFA, BO01 events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Arco, Guandacol, Agrelo, Juntas del Tor, Combarbal, Tololo Observa, San Esteban, San Martin, El Roble, La Serena, Universidad Ad, Fray Jorge, Renca, El Transito, Las Campanas, Curacav, Tanti, San Rafael, Tunca.

SOME 11 11:23:43.5,39.55N;76.50E,h0km KRNET 11 11:23:44.8,0.1,39.30N;76.53E,mb3.4 NNC 11 11:23:45.8,0.7,39.58N;76.50E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=4.5km s-min=3.2km az=168.0

ISC 11 11:23:47.5,1.4,39.40N;0.06;76.44E;0.04,h10km,n71, z=281/107,32C-21, Southern Xinjiang

Main table for SOME, KRNET, NNC, and ISC events. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Taragay, Kyrgy, Kajisay, Ulahol, Aral, Osh, Przhival'skiy, Karagaybulak, Uchtor, Arslanbob, Przhival'skiy, Karagaybulak, Anan'yev, Ala-Archa, Ala-Archa, Tokmak 2, Tokmak 2, Tokmak 2, Karayym, Tokmak 2, Tianshan, Tianshan.

11d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CHKK, KURBB, KURBB, SGDS, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ARSA, ARSB, ARSC, etc.

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

GADA	Gvkgeada	1.15	44	Pn	Pb	14 08 00.5	-1.2
GADA	GADA			Sn	Sb	14 08 16.8	+0.1
OUR	Ouranopolis	1.18	326	P	Pb	14 08 01.0	-1.3
OUR	OUR			S	Sb	14 08 17.1	-0.4
OUR	comp=N,3um,0.5s						
OUR	Ouranopolis	1.18	326	P	Pb	14 08 01.2	-1.1
OUR	OUR			AML	AML	14 08 19.6	
OUR	comp=N,6100um,0.5s						
OUR	Samothraki Isl	1.22	25	P	Pn	14 08 01.2	-1.7
SMTH	SMTH			S	Sn	14 08 19.1	-0.4
SMTH	comp=E,2um,0.4s						
SMTH	Samothraki Isl	1.22	25	P	Pn	14 08 01.1	-1.8
SMTH	SMTH			AML	AML	14 08 22.1	
SMTH	comp=E,2592um,0.4s						
SMTH	comp=N,4691um,0.4s						
ECEA	Canakkale, Ece	1.22	56	P	Pn	14 08 02.4	-0.5
ECEA	ECEA			Sg	Sg	14 08 19.4	+0.3
EZN	Ezine	1.23	67	Pn	Pn	14 08 01.4	-1.5
EZN	EZN			Sn	Sb	14 08 18.0	-0.8
EZNE	Ezine-Canakkal	1.23	71	Pn	Pn	14 08 02.0	-1.0
THAS	Thassos island	1.25	355	P	Pn	14 08 01.7	-1.5
THAS	Thassos island	1.25	355	P	Pn	14 08 01.9	-1.3
THAS	THAS			AML	AML	14 08 18.0	
THAS	comp=E,4542um,0.2s						
THAS	comp=N,5095um,0.6s						
NEO	Neokhori	1.27	268	P	Pn	14 08 01.9	-1.6
NEO	Neokhori	1.27	268	P	Pn	14 08 02.1	-1.3
NEO	NEO			AML	AML	14 08 23.2	
NEO	comp=N,4955um,0.3s						
NEO	comp=E,5630um,0.3s						
EAG2	Marmaro, Chios	1.27	130	P	Pn	14 08 02.3	-1.2
XOR	Xorichti	1.29	271	P	Pn	14 08 02.4	-1.4
XOR	XOR			AML	AML	14 08 24.6	
XOR	comp=E,2365um,0.4s						
XOR	comp=N,3329um,0.5s						
CHOS	Chios island	1.35	136	P	Pn	14 08 03.0	-0.8
CHOS	CHOS			S	Sg	14 08 22.9	-0.3
CHOS	comp=N,4um,0.5s						
CHOS	Chios island	1.35	136	P	Pn	14 08 04.0	-0.7
CHOS	CHOS			AML	AML	14 08 27.5	
CHOS	comp=E,8798um,0.5s						
CHOS	comp=N,700um,0.6s						
EAG3	Mitilini, Lesv	1.36	101	P	Pn	14 08 03.9	-0.8
EAG3	EAG3			AML	AML	14 08 31.3	
EAG3	comp=N,12656um,0.9s						
EAG3	comp=E,11783um,1.0s						
BAYC	CANAKKALE_Bayr	1.36	73	P	Pn	14 08 03.5	-1.3
BAYC	BAYC			S	Sn	14 08 20.9	-1.9
CNKL	anakalle-Mer	1.38	59	P	Pb	14 08 04.2	-0.8
CNKL	CNKL			P	Pb	14 08 04.3	-1.2
CNKL	CNKL			S	Sn	14 08 21.8	-1.4
CNKL	CNKL			S	Sb	14 08 22.3	-0.8
KARB	zmir-Karabur	1.40	119	S	Pn	14 08 04.2	-1.1
KARB	KARB			S	Sn	14 08 20.5	-3.3
AYVA	Ayvalik	1.42	92	P	Pn	14 08 05.0	-0.6
AYVA	AYVA			S	Sn	14 08 22.8	-1.5
COMU	Canakkale	1.45	59	P	Pn	14 08 05.1	-0.9
DION	Dionisos Attik	1.47	210	S	Pn	14 08 05.3	-1.0
DION	DION			S	Sn	14 08 24.5	-1.1
DION	Dionisos Attik	1.47	210	P	Pn	14 08 05.8	-0.5
DION	DION			AML	AML	14 08 31.1	
DION	comp=E,7376um,0.6s						
DION	comp=N,6704um,0.4s						
PLG	Polygyros	1.48	313	P	Pn	14 08 05.0	-1.5
PLG	PLG			AML	AML	14 08 35.8	
PLG	comp=E,1207um,0.7s						
PTL	Penteli	1.52	211	P	Pn	14 08 05.6	-1.5
PTL	Penteli	1.52	211	P	Pn	14 08 05.1	-1.5
PTL	PTL			AML	AML	14 08 31.9	
PTL	comp=E,2894um,0.7s						
PTL	comp=N,4010um,0.6s						
CAND	Cardari	1.57	104	Pn	Pn	14 08 06.9	-0.7
FOCM	Foa	1.60	113	Pn	Pn	14 08 07.2	-0.8
KVLA	Kavala	1.61	347	P	Pn	14 08 07.2	-1.1
KVLA	KVLA			AML	AML	14 08 33.9	
KVLA	comp=E,2129um,0.5s						
KVLA	comp=N,1826um,0.5s						
DKL	Dikili	1.62	100	Pn	Pn	14 08 07.8	-0.5
GELI	Tayfur-Gelibol	1.62	50	Ph	Pn	14 08 07.6	-0.7
ATHU	Athens Unvers	1.63	211	P	Pn	14 08 07.1	-1.3
ATHU	ATHU			AML	AML	14 08 35.6	
ATHU	comp=E,581um,0.5s						
ATHU	comp=N,1729um,0.6s						
ATH	Athens Observa	1.65	213	P	Pn	14 08 07.6	-1.1
ATH	Athens Observa	1.65	213	P	Pn	14 08 07.6	-1.1
ATH	ATH			AML	AML	14 08 38.1	
ATH	comp=N,3208um,0.5s						
ATH	comp=E,2304um,0.4s						
KAVA	Kavala	1.65	351	P	Pn	14 08 07.4	-1.4
KAVA	Kavala	1.65	351	P	Pn	14 08 07.6	-1.1
ZMD	zmir-Dikili-	1.66	103	P	Pb	14 08 10.3	-0.1
ZMD	ZMD			S	Sb	14 08 31.7	+0.4
CAVK	Edirne/Enez-Ca	1.67	37	P	Sb	14 08 09.0	+0.1
CAVK	CAVK			S	Sb	14 08 31.0	-0.5
URLA	Izmir	1.69	126	Pn	Pn	14 08 08.6	-0.6
URLA	Izmir	1.69	126	Pn	Pn	14 08 08.7	-0.6
URLA	URLA			S	Sn	14 08 30.3	-0.6
URLA	URLA			P	Pn	14 08 08.3	-1.0
URLA	Platees	1.69	228	Pn	Pn	14 08 38.2	
URLA	URLA			AML	AML	14 08 42.0	
URLA	comp=N,3748um,0.6s						
URLA	URLA			AML	AML	14 08 42.0	
ENEZ	Enez	1.69	36	Pn	Pn	14 08 08.4	-0.9
VILL	Villia	1.70	226	P	Pn	14 08 07.8	-1.7
ZEYE	Zeyre, Urla-Ze	1.71	131	P	Pn	14 08 09.5	-0.0
ZEYE	ZEYE			S	Sn	14 08 31.1	-0.2
VLY	Voula,Athens	1.72	209	P	Pn	14 08 08.2	-1.5
VLY	Voula,Athens	1.72	209	P	Pn	14 08 08.6	-1.1
VLY	VLY			AML	AML	14 08 37.5	
VLY	comp=N,5872um,0.4s						
VLY	comp=E,4744um,0.3s						
BUHA	Balkesir, Bur	1.73	85	P	Sb	14 08 09.0	-0.7
BUHA	BUHA			S	Sb	14 08 32.9	-0.3
ZEDA	zmir-Bergama	1.77	102	P	Pn	14 08 09.6	-0.7
ZEDA	ZEDA			S	Sb	14 08 35.5	+1.0
LPK	Lapseki	1.78	55	Pn	Pn	14 08 10.0	-0.5
ALN	Alexandroupoli	1.78	30	P	Pn	14 08 09.0	-1.5
ALN	ALN			AML	AML	14 08 39.1	
ALN	comp=E,1595um,0.5s						
ALN	comp=N,1126um,0.4s						
AXAR	Agios Charalamb	1.81	251	P	Pn	14 08 10.6	-0.4
AXAR	AXAR			AML	AML	14 08 45.1	
AXAR	comp=N,3459um,0.4s						
AXAR	AXAR			AML	AML	14 08 56.1	
CANI	Can-anakkale	1.81	68	Pn	Pn	14 08 06.7	-4.3
ERIK	Erikli-Kesan	1.82	44	Pn	Pn	14 08 10.3	-0.8
HORT	Hortiatas	1.83	313	P	Pn	14 08 10.8	-0.5
HORT	HORT			AML	AML	14 08 42.0	
HORT	comp=E,473um,0.5s						
HORT	comp=N,663um,0.7s						
RDO	Rodhopi	1.86	16	Pn	Pn	14 08 10.2	-1.4
RDO	Rodhopi	1.86	16	P	Pn	14 08 10.4	-1.2
RDO	Rodhopi	1.86	16	P	Pn	14 08 10.4	-1.2
RDO	RDO			AML	AML	14 08 43.5	
RDO	comp=N,1050um,0.6s						
RDO	comp=E,545um,0.3s						
SOH	Sokhos	1.86	322	P	Pn	14 08 11.3	-0.3
SOH	SOH			AML	AML	14 08 44.0	
SOH	comp=N,2286um,0.5s						
SOH	SOH			AML	AML	14 08 44.8	
SOH	comp=E,2692um,0.7s						
THE	Thessaloniki	1.93	312	P	Pn	14 08 12.2	-0.3

THE	comp=N,298um,0.5s						
THE	THE			AML	AML	14 08 51.1	
YENI	Yeni-Canakka	1.93	72	Pn	Pn	14 08 11.7	-0.9
LIT	Litokhoron	1.97	293	P	Pn	14 08 11.9	-1.2
LIT	LIT			S	Sn	14 08 36.7	-1.1
AGG	Agios Georgios	1.99	261	P	Pn	14 08 12.8	-0.6
SRS	Serrai	2.00	332	P	Pn	14 08 12.6	-1.0
SRS	SRS			P	Pn	14 08 12.7	-0.9
SRS	comp=E,964um,0.4s						
SRS	SRS			AML	AML	14 08 50.8	
SRS	comp=N,789um,0.6s						
LOUT	Loutrak	2.01	228	P	Pn	14 08 12.5	-1.2
LOUT	Loutrak	2.01	228	P	Pn	14 08 13.2	-0.6
DGB	zmir	2.06	129	P	Sb	14 08 14.4	+0.1
DGB	DGB			S	Sb	14 08 44.1	+1.4
SOMA	Soma-Manisa	2.09	95	Ph	Pn	14 08 13.8	-1.0
NVR	Nevrokopi	2.12	339	P	Pn	14 08 15.7	+0.3
NVR	NVR			AML	AML	14 08 52.5	
NVR	comp=E,720um,0.5s						
NVR	NVR			AML	AML	14 08 58.5	
MAKR	Makrakomoi, Ft	2.15	261	P	Pn	14 08 15.6	0.0
MAKR	MAKR			AML	AML	14 08 52.8	
MAKR	comp=N,2510um,0.6s						
MAKR	MAKR			AML	AML	14 09 01.2	
MAKR	comp=E,1362um,0.9s						
THAL	Thalero	2.17	233	P	Sn	14 08 14.9	-0.9
THAL	THAL			S	Sn	14 08 41.5	-1.2
THAL	comp=E,1um,0.4s						
THAL	Thalero	2.17	233	P	Pn	14 08 15.2	-0.6
THAL	THAL			AML	AML	14 09 01.1	
THAL	comp=E,2302um,0.6s						
THAL	THAL			AML	AML	14 09 07.5	
BALY	Balya	2.17	79	P	Pn	14 08 15.7	-0.2
BALY	BALY			S	Sb	14 08 45.9	-0.1
THL	Klokotos Trika	2.21	276	P	S	14 08 16.1	-0.5
THL	THL			S	S	14 08 42.7	-1.0
THL	Klokotos Trika	2.21	276	P	Pn	14 08 16.1	-0.3
THL	THL			AML	AML	14 09 03.9	
THL	comp=E,264um,0.7s						
THL	THL			AML	AML	14 09 10.2	
STEP	BALKESIR_Sava	2.22	89	P	Pn	14 08 16.8	+0.2
STEP	STEP			S	Sb	14 08 48.2	+0.7
STEP	Tekirdag	2.22	53	P	Pn	14 08 17.3	+0.6
SART	SART			S	S	14 08 17.8	-0.5
SMG	Samos	2.27	136	P	Pn	14 08 16.7	-0.5
SMG	SMG			P	Pn	14 08 16.6	-0.7
SMG	SMG			AML	AML	14 08 56.6	
SMG	comp=N,1052um,0.4s						
SMG	SMG			AML	AML	14 09 02.0	
SMG	comp=E,920um,0.6s						
GONE	Gonen-Balikesi	2.29	72	Ph	Pn	14 08 17.3	-0.2
KDZ	Kurdzhali	2.29	9	i P	Pn	14 08 17.1	-0.5
KDZ	KDZ			S	Sn	14 08 41.8	-4.1
RZN	Rozhen	2.33	358	i P			

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, H, m, s, ISC. Includes stations like MILAS, TURUNC, GZELCAMI, SAMOS, THIRA ISLAND, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, H, m, s, ISC. Includes stations like SWI Sorong, LBI Labuha, TMTI Ternate, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, H, m, s, ISC. Includes stations like HHC Hu-ho-hao-te, HHC, HHC, USRK, MDJ, MDJ, MDJ, SHL, SHL, SHL, etc.

IDC 11 14:24:39.1±0.6, 0°01'N, 130°29'E, h0km, mb4.2/17, mbtmp4.2/19, ML3.4/2, MS3.6/12, Error ellipse: s-maj=17.0km s-min=12.8km az=74.0

NEIC 11 14:43:55.19;11N.155.32W,h12km,Moment Tensor Solution. Duration: 23s Moment tensor: Scale 1071Nm; M_{rr}-1.08; M_{θθ}0.61; M_{φφ}0.48; M_{θφ}-0.47; M_{φθ}0.47; M_{φθ}-0.04; Fault plane solution: M1.15000×10¹⁷ NP1.φs.61.86000°, δ.56.37000°, λ-76.16000°. NP2.φs.217.87000°, δ.36.05000°, λ-109.78000°. Principal axes: T 1.0838, Plg1.0.0000°, Azm142.0000°; N 0.1287, Plg11.0000°, Azm234.0000°; P -1.2124, Plg74.0000°, Azm11.0000°

NEIC 11 14:43:55.0.1.2.19.4N.0.2:155.3W.0.1,h5km,2km Error ellipse: s-maj=30.5km s-min=3.9km az=211.0

NEIC 11 14:43:55.19;41N.155.32W,h12km
 BUJ 11 14:43:56.0.0.19.47N.155.73W,h11km,mB4.8/24, mB5.3/15,Ms5.1/23,Ms7.4/9/24

GCMT 11 14:44:02.4.0.1.19.36N.0.01:155.23W.0.01,h12km, MW5.3/157,Moment Tensor Solution. s90,c138; s157,c265; Duration: 150 Moment tensor: Scale 10¹⁷ Nm; M_{rr}-1.03±0.1; M_{θθ}0.54±0.1; M_{φφ}0.48±0.1; M_{θφ}0.30±0.3; M_{φθ}0.35±0.1; M_{φθ}0.08±0.3; Best double couple: M0.99500×10¹⁷ NP1.φs.235.00000°, δ.54.00000°, λ-82.00000°. NP2.φs.41.00000°, δ.37.00000°, λ-101.00000°. Principal axes: T 0.9040, Plg8.0000°, Azm319.0000°; N 0.1810, Plg6.0000°, Azm50.0000°; P -1.0800, Plg60.0000°, Azm178.0000°; nstai1 refers to body waves, cutoff=40s, nstai2 refers to surface waves, cutoff=50s. Triangular moment rate function

ISC 11 14:43:54.2.0.8.19.44N.0.03:155.29W.0.03,h5km,4km, n416,c119/338,mB4.7/48,MS4.5/85,1D,Hawaiian Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
UWB	Uwekahuna B	0.02	146	Op	ISC	h 4 m s ISC
UWE	Uwekahuna	0.02	198	Pg	Pg	14 43 55.2 -0.2
OBL	Observatory Le	0.02	172	Pg	Pg	14 43 55.2 -0.2
SBLHJ	Steaming Bluff	0.02	120	Pg	Pg	14 43 55.4 0.0
RSD	Rainshed	0.03	19	Pg	Pg	14 43 55.4 +0.1
HATHI	Halema'uma'u T	0.03	121	Pg	Pg	14 43 55.5 0.0
BYL	Byron's Ledge	0.04	135	Pg	Pg	14 43 55.3 +0.2
RIM	Rim	0.04	164	Pg	Pg	14 43 56.1 +0.4
SDHHI	Sand Hill	0.05	188	Pg	Pg	14 43 56.2 +0.5
PUH	Puahi	0.09	133	Pg	Pg	14 43 56.8 +0.5
MLH	Mauna Loa	0.11	301	Pg	Pg	14 43 57.9 +1.2
MLH	comp=N,30µm,1.3s			IAML		14 44 00.2
MLH	comp=E,56µm,1.2s			IAML		14 44 00.6
KNHH	Kane Nui o Ham	0.12	117	Pg	Pg	14 43 57.6 +0.7
HLP	Hilina Pali	0.14	188	Pg	Pg	14 43 57.5 +0.3
HLP	comp=E,30µm,0.9s			IAML		14 43 59.9
STCH	Steam Cracks	0.16	109	Pg	Pg	14 43 57.9 +0.4
STCH	comp=N,38µm,1.8s			IAML		14 44 01.8
STCH	comp=N,38µm,1.8s			IAML		14 44 01.9
HMH	Humu'ula Sheep	0.25	312	Pg	Pg	14 44 00.4 +1.2
HMH	comp=E,29µm,1.4s			IAML		14 44 06.4
HMH	comp=N,27µm,1.8s			IAML		14 44 07.5
JOKA	Jonika Flow	0.27	91	Pg	Pg	14 44 00.4 +0.9
JOKA	comp=E,32µm,2.7s			IAML		14 44 07.0
JOKA	comp=N,32µm,0.9s			IAML		14 44 08.6
MLOA	Mauna Loa Obs	0.29	290	Pg	Pg	14 44 00.9 +0.8
MLOA	comp=E,38µm,1.2s			IAML		14 44 08.4
MWH	Moku'aweowe	0.30	279	Pg	Pg	14 44 00.9 +0.7
PAH	Paho	0.33	80	Pg	Pg	14 44 01.5 +0.9
KHU	Kahuku	0.36	238	Pg	Pg	14 44 01.6 +0.2
KHU	comp=E,19µm,0.9s			IAML		14 44 12.6
KHU	comp=N,21µm,0.9s			IAML		14 44 13.6
POHA	Pohakuiaoa	0.39	324	Pg	Pg	14 44 03.5 +1.5
POHA	comp=N,24µm,2.9s			IAML		14 44 16.5
POHA	comp=N,24µm,1.2s			IAML		14 44 16.8
HUH	Hualalai	0.57	296	Pg	Pg	14 44 06.2 +0.8
IS95U	HAWAII INFRASO	0.59	285	Pg	Pg	14 44 06.0 +0.4
IS95U	comp=N,0.1nm,1.6s,baz=106,slow=315,SNR=7.8			I	I	14 47 10.8
HPAH	Hawaii Prepara	0.70	327	Pg	Pg	14 44 07.3 -0.5
HPAH	comp=N,9µm,1.3s			IAML		14 44 31.1
HPAH	comp=E,12µm,1.4s			IAML		14 44 32.2
MHA	Mahukona	0.94	322	Pg	Pg	14 44 11.0 -1.4
HLK	Haleakala	1.59	326	Ph	Ph	14 44 20.3 -3.0
KHLH	Kahului Airpor	1.80	324	Pn	Pn	14 44 23.3 -2.6
KPA	Kalaupapa	2.36	318	Pn	Pn	14 44 31.0 -2.6
DHH	Diamond Head	2.98	308	Ph	Ph	14 44 38.6 -3.5
HEH	Honolulu	3.16	307	Ph	Ph	14 44 41.8 -3.0
KIP	Kipapa	3.23	308	Ph	Ph	14 44 41.6 -4.0
KON	Kekaha	4.85	302	Pn	Pn	14 45 05.4 -2.5
PKM	Mpherson Peak	34.90	56	P	P	14 50 47.4 +0.3
SCI2	San Clemente I	35.43	60	P	P	14 50 52.5 +1.1
YBH	Yreka Blue Hor	35.45	44	LR	LR	15 01 31.6
H1N13	WAKE ISLAND Hy 35.57 277 T			T	T	15 28 01.9
H1N12	WAKE ISLAND Hy 35.58 277 T			T	T	15 27 59.9
H1N11	WAKE ISLAND Hy 35.59 277 T			T	T	15 28 03.8
FMP	Fort Macarthur 35.80 59 P			P	P	14 50 54.2 -0.4
H1S12	WAKE ISLAND Hy 35.91 275 T			T	T	15 28 22.5
H1S11	WAKE ISLAND Hy 35.91 275 T			T	T	15 28 21.9
H1S13	WAKE ISLAND Hy 35.93 275 T			T	T	15 28 22.9
BFSC	Mount Baldy Ra 36.48 58 P			P	P	14 51 01.2 +0.9
MURR	Murieta 36.67 60 P			P	P	14 51 03.3 +1.2
S14K	Fog Glacier 36.93 356 P			P	P	14 51 04.4 +0.3
MPMC	Manual Prospec 37.05 56 P			P	P	14 51 05.9 +0.4
MONP2	Monument Peak 37.15 61 P			P	P	14 51 06.4 -0.1
NVAR	Mina Array Bea 37.17 51 P			P	P	14 51 08.2 +1.7
NVAR	comp=E,0.6nm,0.8s,baz=243,slow=9.8,SNR=4.6			LR	LR	15 03 20.3
PPT	Papeete 37.20 171 LR			LR	LR	15 02 29.8
PPT2	Papeete2 37.22 171 ePKIKP			P	P	14 51 02.5 -4.3
PPT2	comp=E,433nm,25.0s			eS	S	14 56 55.4 +0.9
PPT2	comp=E,4µm,34.2s			eLQ	LQ	14 59 32.4
PPT2	comp=E,3µm,27.2s			eLR	LR	15 01 04.5
PPT2	comp=E,4µm,25.5s			eLR	LR	15 01 05.0
PFO	Pinyon Flats O 37.27 60 P			P	P	14 51 06.5 -0.9
PFO	comp=E,782nm,18.1s,baz=270,slow=32			LR	LR	15 03 59.7
TPFO	Pinyon Flats 37.27 60 P			P	P	14 51 06.7 -0.6
IKP	In-Ko-Pah, Jac 37.37 61 P			P	P	14 51 07.7 -0.4
GSC	Goldstone, Bar 37.39 57 P			P	P	14 51 08.2 -0.1
BELC	Belle Mtn. Jos 37.73 59 P			P	P	14 51 11.1 -0.1
SHOC	Shoshone, Teco 37.96 56 P			P	P	14 51 13.3 +0.3
H02S1	DAWSON INLET T 38.04 22 T			T	T	15 31 14.8
BC3	Big Chukawall 38.10 60 P			P	P	14 51 15.2 +0.9

TUQ	Turquoise Moun	38.12	57	P	P	14 51 16.0 +1.6
GMRC	Granite Moun	38.17	58	P	P	14 51 15.4 +0.4
KDAD	Kodiak Island	38.34	2	LR	LR	15 03 24.1
Q17K	Contact Creek	38.78	359	P	P	14 51 21.3 +1.7
BBB	Bella Bella	38.96	27	LR	LR	15 03 54.5
Q20K	Shuyak Island	39.18	2	P	P	14 51 24.1 +1.2
Q16K	King Salmon	39.20	359	P	P	14 51 24.2 +1.2
PDMCI	Parker Dam,Lak	39.30	59	P	P	14 51 24.5 +0.3
P16K	Nushagak River	39.59	358	P	P	14 51 27.4 +1.1
CRA6	CRAB Dome	39.68	20	P	P	14 51 28.5 +1.4
P17K	Kvichak River	39.72	359	P	P	14 51 29.3 +2.0
O15K	Ungalikthiuk R	39.83	356	P	P	14 51 29.6 +1.4
P18K	Big Mountain,	39.91	0	P	P	14 51 29.9 +0.9
O14K	Tiguykaiuit M	40.00	355	P	P	14 51 31.3 +1.6
O16K	Kokwok River B	40.16	358	P	P	14 51 32.3 +1.3
O18K	Koktuk Hills	40.37	0	P	P	14 51 34.3 +1.5
SIT	Sitka	40.39	17	P	P	14 51 33.9 +1.0
N14K	Kuskokwak Cree	40.70	355	P	P	14 51 36.6 +1.2
N15K	Kwikeluk River	40.83	356	P	P	14 51 37.9 +1.3
SEW	Seward	40.84	4	P	P	14 51 37.7 +1.1
SHEM	Shemya Is. Ala	40.84	332	LR	LR	15 05 10.1
N16K	Nishilik Lake	41.07	357	P	P	14 51 39.7 +1.1
N17K	Nushagak Hills	41.07	359	P	P	14 51 40.2 +1.7
N18K	Kilae Creek	41.20	360	P	P	14 51 41.0 +1.4
N19K	Bonanza Creek	41.34	1	P	P	14 51 42.2 +1.4
M15K	Kasigluk River	41.39	356	P	P	14 51 42.1 +1.0
M14K	Bethel	41.54	355	P	P	14 51 43.9 +1.6
M16K	Timber Creek	41.62	357	P	P	14 51 44.5 +1.4
EYAK	Cordova Ski Ar	41.63	7	P	P	14 51 44.5 +1.4
M11K	Mekoryuk	41.64	352	P	P	14 51 44.0 +0.8
R32K	Eaglecrest	41.66	16	P	P	14 51 43.6 +0.2
WUAZ	Wupatki	41.76	58	P	P	14 51 44.5 -0.3
TUC	Tucson	41.76	63	P	P	14 51 44.5 -0.3
HLID	Hailey	41.76	46	P	P	14 51 44.4 -0.3
PNL	Peninsula	41.78	12	P	P	14 51 44.1 -0.3
RC01	Rabbit Creek A	41.79	4	P	P	14 51 44.7 +0.2
T35M	Bob Quinn	41.85	20	P	P	14 51 45.2 +0.2
LP1G	La Paz	41.90	75	LR	LR	15 04 30.7
M17K	Hollis River	41.95	358	P	P	14 51 45.7 0.0
M18K	Stony River	42.01	360	P	P	14 51 47.6 +1.3
P29M	Windy Cr Craggy	42.09	13	P	P	14 51 47.2 +0.2
SUA	Susitna One	42.11	3	P	P	14 51 47.8 +0.7
NEW	Newport	42.11	38	P	P	14 51 47.5 +0.2
NEW	Newport	42.11	38	LR	LR	15 05 38.3
BMRM	Bremner River	42.17	8	P	P	14 51 48.7 +1.0
L14K	Kuka Creek	42.19	355	P	P	14 51 48.1 +0.5
KNK	Knik Glacier	42.21	5	P	P	14 51 47.8 -0.1
PLBC	Pleasant Camp	42.24	14	P	P	14 51 48.8 +0.7
L16K	Owhat River	42.34	357	P	P	14 51 48.9 0.0
PMR	Palmer	42.34	4	P	P	14 51 49.0 +0.2
L15K	Ungalak Moun	42.42	356	P	P	14 51 49.9 +0.4
M19K	Big River Lodg	42.43	1	P	P	14 51 50.5 +0.8
M20K	Styx River	42.43	2	P	P	14 51 50.6 +0.8
Q19L	Klutina	42.53	7	P	P	14 51 51.5 +1.0
O28M	Mount Kennedy	42.53	12	P	P	14 51 51.0 +0.9
SKT	Skwentna	42.58	3	P	P	14 51 51.5 +0.5
SML	Sawmill	42.61	5	P	P	14 51 51.2 0.0
CTG	China Glacier	42.65	10	P	P	14 51 51.5 -0.1
M23K	Glacier View	42.65	5	P	P	14 51 51.5 +0.1
O28M	Mount Upton	42.66	11	P	P	14 51 52.4 +0.5
P30M	Million Dollar	42.70	13	P	P	14 51 51.7 -0.3
L19K	White Mountain	42.71	0	P	P	14 51 52.0 +0.1
L17K	Donlin	42.71	358	P	P	14 51 52.3 +0.3
L18K	Glacier Moun	42.75	359	P	P	14 51 52.6 +0.3
MCARA	McCarthy VSAT	42.79	9			

MW4.0
 IDC 11 15:05:23.3±1.2, 24:09S:66.97W, h177km, 6km, mb3.5/7,
 mbtmp4.1/13, MS4/0.1, Error ellipse: s-maj=15.5km,
 s-min=13.9km az=48.0
 VAO 11 15:05:23.7±0.5, 24:04S:67.28W, h217km, 6km, mb4.2
 NEIC 11 15:05:23.4±2.5, 24:21S:0.04±67.2W:0.1, h188km, 6km,
 mb4.4/16, Mw4.2(GUC), Error ellipse: s-maj=15.0km
 s-min=5.5km az=82.0

GUC 11 15:05:23.0±0.7, 24:17S:67.39W, h213km, 7km, ML4.3
 ISC 11 15:05:23.1±0.6, 24:16S:0.04±67.13W:0.04, h189km, 6km,
 n133, e1936/160, mb4.0/14, 14C-1D, Chile-Argentina
 border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
AF01	San Pedro de A	1.54	321	eP	Pn	15 05 57.0	+0.4
AF01	San Pedro de A	1.54	321	eP	Pn	15 05 58.0	+1.4
AF01				iS	Sn	15 06 24.4	+1.9
AF01				IAML		15 06 26.6	
SLA	San Lorenzo	1.58	111	eP	Pn	15 05 57.6	+0.8
SLA				eS	Pn	15 06 17.9	-4.9
SLA				eS	Pn	15 05 57.4	+0.6
AZAP	San Lorenzo	1.58	111	eP	Pn	15 05 59.9	+0.1
AZAP	Zapla	1.89	92	eS	Pn	15 06 29.7	+1.4
FSA	Cafayete	2.21	152	eP	Pn	15 06 04.0	+0.8
LVC	Limon Verde	2.25	313	eP	Pn	15 06 04.9	+1.0
LVC	Limon Verde	2.25	313	eP	Pn	15 06 04.9	+1.0
LVC				eS	Sn	15 06 36.3	+0.8
LVC				IAML		15 06 37.4	
LVC	Limon Verde	2.25	313	P	Pn	15 06 05.0	+1.1
LVC				IAML		15 06 35.7	+0.1
LVC	Limon Verde	2.25	313	eP	Pn	15 06 04.9	+1.0
LVC				iS	Sn	15 06 35.6	+0.1
LVC				eS	Pn	15 06 04.9	+1.0
LVC				eS	Pn	15 06 35.6	+0.1
PB15	IPOC Station P	2.35	293	eP	Pn	15 06 05.0	+0.8
PB15	IPOC Station P	2.35	293	eP	Pn	15 06 06.0	+1.1
PB15				eS	Pn	15 06 37.6	+0.4
PB15				eS	Pn	15 06 05.9	+1.1
PB15				iS	Sn	15 06 36.7	-0.4
GO02	Minia Guanaco	2.45	245	eP	Pn	15 06 06.9	+0.8
GO02	Minia Guanaco	2.45	245	eP	Pn	15 06 09.9	+0.8
GO02				eS	Sn	15 06 40.2	+0.7
GO02				iP	Pn	15 06 06.9	+0.8
GO02				iS	Sn	15 06 39.2	-0.3
VJA	Yavi	2.47	37	eP	Pn	15 06 07.5	+1.0
PB06	IPOC Station P	2.67	302	eP	Pn	15 06 09.0	+0.9
PB06	IPOC Station P	2.67	302	eP	Pn	15 06 09.4	+0.9
PB06				eS	Sn	15 06 43.8	0.0
PB06				IAML		15 06 46.5	
PB06	IPOC Station P	2.67	302	iP	Pn	15 06 09.4	+0.9
PB06				iS	Sn	15 06 42.7	-1.1
ALOL	LOMAS DE OLMED	2.90	84	eP	Pn	15 06 11.4	+0.4
PB14	IPOC Station P	3.02	261	eP	Pn	15 06 12.9	+0.2
PB14	IPOC Station P	3.02	261	eP	Pn	15 06 13.0	+0.2
PB14				eS	Sn	15 06 50.6	-0.9
PB14				IAML		15 06 52.8	
PB14	IPOC Station P	3.02	261	iP	Pn	15 06 12.9	+0.2
PB14				iS	Sn	15 06 49.7	-1.7
PB14				IAML		15 06 52.2	
PB09	IPOC Station P	3.05	320	eP	Pn	15 06 14.0	+0.9
PB09	IPOC Station P	3.05	320	eP	Pn	15 06 14.2	+1.2
PB09				eS	Sn	15 06 52.9	+0.9
PB09				IAML		15 06 57.2	
PB09	IPOC Station P	3.05	320	iP	Pn	15 06 14.1	+1.1
PB09				iS	Sn	15 06 51.8	-0.2
PB09				IAML		15 06 55.2	
AHML	Horco Molle	3.08	149	eP	Pn	15 06 13.3	+0.2
AHML				eS	Sn	15 06 40.8	-1.2
PB10	IPOC Station P	3.20	281	eP	Pn	15 06 15.0	+0.4
PB10	IPOC Station P	3.20	281	eP	Pn	15 06 15.5	+0.9
PB10				eS	Sn	15 06 55.3	+0.5
PB10				IAML		15 06 56.4	
PB10	IPOC Station P	3.20	281	iP	Pn	15 06 15.2	+0.6
PB10				iS	Sn	15 06 53.0	-1.8
PB10				IAML		15 06 59.8	
PB04	IPOC Station P	3.32	303	eP	Pn	15 06 16.4	+0.2
PB04	IPOC Station P	3.32	303	eP	Pn	15 06 16.2	0.0
PB04				eS	Sn	15 06 57.1	-0.6
PB04				IAML		15 07 00.7	
PB04	IPOC Station P	3.32	303	iP	Pn	15 06 16.6	+0.3
PB04				iS	Sn	15 06 55.3	-2.4
AC01	Pan de Azucar	3.71	237	eP	Pn	15 06 20.1	-0.8
AC01	Pan de Azucar	3.71	237	eP	Pn	15 06 20.2	-0.7
AC01				eS	Sn	15 07 04.0	-2.2
AC01				IAML		15 07 05.2	
AC01	Pan de Azucar	3.71	237	iP	Pn	15 06 20.1	-0.8
AC06	Mina Casimiro	4.31	222	eP	Pn	15 06 27.2	-1.3
AC06	Mina Casimiro	4.31	222	eP	Pn	15 06 27.1	-1.3
PATCX	Punta Patache	4.34	319	eP	Pn	15 06 28.7	-0.3
PATCX	Punta Patache	4.34	319	eP	Pn	15 06 29.0	-0.7
PATCX				eS	Sn	15 07 16.6	-4.1
PATCX				IAML		15 07 22.9	
PATCX	Punta Patache	4.34	319	eP	Pn	15 06 28.4	-0.6
GO03	Copiap	4.42	219	Pn	Pn	15 06 28.2	-1.6
GO03	Copiap	4.42	219	eP	Pn	15 06 29.2	-0.7
GO03				eS	Sn	15 07 20.2	-2.1
GO03	Copiap	4.42	219	eP	Pn	15 06 28.4	-1.4
GO03				iS	Sn	15 07 19.3	-3.0
CYA	Choya	4.43	165	eP	Pn	15 06 30.5	+0.6
TA01	Diego Aracena	4.56	321	Pn	Pn	15 06 29.7	-1.9
TA01	Diego Aracena	4.56	321	eP	Pn	15 06 31.6	-0.1
TA01				eS	Sn	15 07 13.7	-1.2
TA01				IAML		15 07 26.8	
HMCB	Humberstone	4.63	326	eP	Pn	15 06 31.2	-1.5
VCA	Vinchina	4.66	192	eP	Pn	15 06 35.2	+2.2
TA02	Huachuque	4.77	324	Pn	Pn	15 06 34.0	-0.3
GO01	Chusmiza	4.86	336	eP	Pn	15 06 35.9	-0.1
GO01	Chusmiza	4.86	336	eP	Pn	15 06 35.4	-0.7
GO01				eS	Sn	15 07 33.6	+0.4
PB11	IPOC Station P	4.97	331	Pn	Pn	15 06 35.9	-1.2
PB11	IPOC Station P	4.97	331	eP	Pn	15 06 35.7	-1.3
PB11				eS	Sn	15 07 32.1	-3.0
PB11				IAML		15 07 35.1	
PB11	IPOC Station P	4.97	331	eP	Pn	15 06 35.8	-1.2
PB11				iS	Sn	15 07 31.1	-4.0
AC04	Llanos de Chal	5.36	220	Pn	Pn	15 06 40.1	-1.8
AC04	Llanos de Chal	5.36	220	eS	Sn	15 07 30.1	-1.4
AC04				IAML		15 07 48.1	
AC05	El Transito	5.44	210	Pn	Pn	15 06 42.1	-0.9
LCO	Las Campanas	5.79	213	Pn	Pn	15 06 46.1	-1.7
PB12	IPOC Station P	6.27	331	Pn	Pn	15 06 53.3	-1.6
CO03	El Pedregal	7.36	205	Pn	Pn	15 07 06.1	-1.7
CO02	Fray Jorge	7.62	211	Pn	Pn	15 07 09.7	-0.9
CO02	Combarbal	7.81	205	Pn	Pn	15 07 12.3	-1.7
LPAZ	La Paz	7.89	353	Pn	Pn	15 07 15.3	-0.3
LPAZ	La Paz	7.89	353	Pn	Pn	15 07 16.1	+0.5
LPAZ				S	Sn	15 08 42.0	-2.7
LPAZ				S	Sn	15 07 14.6	-1.0
CPUP	Villa Florida	9.13	106	Pn	Pn	15 07 29.6	-1.6
BBSD	Serra de San D	9.24	43	eP	Pn	15 07 31.4	-1.3
SIV	San Ignacio	9.32	36	Pn	Pn	15 07 39.7	-1.9
SIV				S	Sn	15 09 16.4	-1.6
LMEI	Las Melosas	10.02	195	Pn	Pn	15 07 42.3	-0.6
MT09	Talagante	10.16	199	Pn	Pn	15 07 43.8	-0.9
PTL	Pontes e Lacer	11.47	42	Pn	Pn	15 08 03.7	+2.1
PTL	Pontes e Lacer	11.47	42	eP	Pn	15 08 02.9	+1.3
CRSM	Cristumal (Br	12.24	108	Pn	Pn	15 08 14.1	+2.1
RODS	Rosario do Sul	12.27	123	eP	Pn	15 08 13.7	+2.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
RVDE	Rio Verde (Bra	12.43	68	eP	Pn	15 08 15.3	+1.4
ALGR	Alto Alegre (B	13.45	113	eP	Pn	15 08 28.3	-1.3
SALV	Santo Antonio	13.52	55	eP	Pn	15 08 27.6	0.0
CPBS	Capacava Do Su	13.67	120	eP	Pn	15 08 31.6	-0.4
PTGAB	Pitangaba	13.74	95	eP	Pn	15 08 33.6	+0.7
ITAB	Itabira	13.87	106	eP	Pn	15 08 32.9	+1.1
PLTB	Pedras Altas	14.14	125	Pn	Pn	15 08 36.5	-0.7
ETMB	Extrema	14.29	4	Pn	Pn	15 08 36.4	-0.8
TRQA	Torquato	14.53	164	Pn	Pn	15 08 37.9	-2.1
LDASE	Londrina, Braz	14.68	90	Pn	Pn	15 08 40.0	-2.0
PCMB	Pacambu	14.85	93	eP	Pn	15 08 45.5	+0.4
SAMU	Samuel	15.59	15	eP	Pn	15 09 30.9	+1.1
PDRB	Porto dos Gac	15.92	40	eP	Pn	15 08 56.5	-0.5
ITRB	Iturama	16.18	77	eP	Pn	15 09 00.3	+0.1
PLCA	Paso Flores	16.77	189	Pn	Pn	15 09 06.0	-0.3
PLCA	Paso Flores	16.77	189	Pn	Pn	15 09 08.0	+0.7
VAO	Vaiinhos	18.52	91	P	P	15 09 24.5	-1.0
VAO	Vaiinhos	18.52	91	eP	Pn	15 09 24.7	-0.9
IPMB	Ipanema, GO	18.69	74	eP	Pn	15 09 27.1	-0.3
SNDB	Serra Nova Dou	19.30	54	eP	Pn	15 09 33.4	-0.6
LL07	Hotel Espejo d	19.35	194	P	P	15 09 30.9	-3.2
BDFB	Brasilia	19.86	68	P	P	15 09 39.6	-0.5
BDFB	Brasilia	19.86	68	P	P	15 09 39.5	-0.5
TEFE	Tefe	20.67	7	eP			

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GYA, KSRs, KS19, XAN, PZH, LZH, CN2, PHRA, TNCH, USRK, CMAR, GTA, GOMU, KAP, WMQ, MTN, MK1, ZAL, KSH, H1N1, H1N2, H1N3, H1S1, H1S2, KURK, KURB, WBO, WRAB, WRA, WB2, WR0, BVAR, AS31, ASAR, CTAO.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CTAO, ABKAR, GEYT, EIDS, STKA, B21K, B21K, B22K, D22K, C23K, PPLA, TOLK, G23K, H23K, RND, ILAR, BMAR, E28M, F28M, GLB, EGAK, I28M, FINES, I30M, L29M, M29M, G31M, BRTR, IDC 11 15:50:28.6, NEIC 11 15:50:30, ISC 11 15:50:27.0, Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AFI, NIUE, FUNA, RAR, LIFNC, PINNC, DZM, TOZ, HNR, QRZ, LTZ, H1S2, H1S3, H1S1, H1N1, H1N2, WB2, WRAB, WRA, AS31, ASAR, ASAR, Vnda, SHEMA, QSPA, RADR, ANMO, ILAR, SEY, L29M, BELA, ULM, BRTR, NEIC 11 16:01:14, HVO, J26L, G31M, ABKAR, NVAR.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KKO, RIM, BYL, HATH, OBS, SBLH, UWB, SDHI, UWE, PUH, RSD, KNHH, HLP, HLP, HLP, STCH, STCH, MLH, MLH, NPCC, JCJZ, HTC, JOKA, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MLOA, MLOA, MWH, KHU, KHU, ALEP, POHA, POHA, POHA, HUH, CPH, HPAH, HPAH, MHA, GUMO, GUMO, GUMO, GUMO, DAV, PMG, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, JMN, JNU, MJAR, MJAR, MJAR, WBO, WR0, WR0, WRAB, WRAB, WB2, WB2, WRA, WRA, PETK, MK31, MKAR, MKAR, MAKZ, ZALV, KURK, KURB, B22K, B22K, KKAR, ILAR, J26L, J26L, G31M, ABKAR, NVAR.

az=14.0
NEIC 11 16:27:59.7,0.8,56.64N,0.03:157.66W,0.0,0.8,
h84km,12km, Error ellipse: s-maj=6.2km s-min=4.7km
az=107.0
AEIC 11 16:28:01.0,1.2,56.66N,0.04:157.69W,0.0,0.5,h77km,8km,
ML3.7,ML3.8/60(NEIC), Error ellipse: s-maj=6.6km
s-min=4.0km az=198.0
ISC 11 16:27:59.0,7.5670N,0.05:157.66W,0.03,h91km,7km,
n261,σ19/05/265,mb3.7/10, Alaska Peninsula

Table with columns: Code, Station Name, Δ° AZZ, Op, Phase, ISC, h, m, s, Res, ISC. Lists various stations like CHGN Chignik, VNHG Veniaminof 1, S14K Fog Glacier, etc.

Table with columns: I14K, Kuskokwak Cree, 3.87 328, Pn, 16 28 57.5 +0.9. Lists stations like I14K Kuskokwak Cree, ISNN Isanotski Nort, O20K Slope Mountain, etc.

Table with columns: SCM, Sheep Creek Mo, 7.38 41, P, Pn, 16 29 43.7 -0.7. Lists stations like SCM Sheep Creek Mo, NIKH Nikolski High, DIV Divide, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like Xindian Distri, Chishang, Taichung, etc.

Table with columns: Code, Station Name, Frequency, Mode, Band, and other parameters. Includes stations like Dongshan, Yanhouchang, NEIC, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like WAKE ISLAND, Mearkatharra, Nonsavu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kodiak Island, Kurchatov Arra, Ala-Archa, etc.

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

JMA 11 18:47:14.0, 0.2, 42.1N, 0.9, 142.5E: 0.8, h69km, 1km, MV3.5/37, S OFF URAKAWA

ISC 11 18:47:14.1, 0.9, 42.03N, 0.07, 142.43E: 0.04, h67km, 7km, n32, r104/29, mb3.7/13, 14D, Hokkaido region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Fines Finness Array B, ASAR Alice Springs, HFS Hagfors, etc.

IDC 11 19:03:59.6, 0.6, 29.40S, 179.06W, h260km, 7km, mb3.4/5, mbmtpd4.1/6, Error ellipse: s-maj=21.3km s-min=18.5km

ISC 11 19:03:59.8, 0.8, 29.65S, 179.37W: 0.1, h250km, n12, r151/14, mb3.7/5, Kermadec Islands region

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

NEIC 11 19:05:03.1, 2.5, 19.05S: 0.1, 177.5W, 0.1, h563km, 9km, mb4.2/42, Error ellipse: s-maj=20.9km s-min=16.9km

IDC 11 19:05:06.3, 0.3, 19.05S: 177.66W, h601km, 39km, mb3.3/16, mbmtpd4.3/17, Error ellipse: s-maj=17.2km

ISC 11 19:05:02.9, 0.4, 19.03S: 0.09, 177.59W: 0.08, h570km, n83, r157/86, mb4.1/40, 5C-2D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, NIUE Niue, AFI Afiamalu, etc.

CTAO Charters Tower 34.05 262 I Amb I Amb 19 11 03.1 +0.6

COEN Coen 37.90 272 P I Amb I Amb 19 11 33.2 +0.7

STKA 38.79 243 P I Amb I Amb 19 11 40.7 +1.1

WB0 Warramunga Arra 45.18 261 P I Amb I Amb 19 12 30.0 +0.1

WB2 Warramunga Arra 45.19 261 P I Amb I Amb 19 12 29.8 -0.2

WRAB Tennant Creek 45.20 261 P I Amb I Amb 19 12 29.7 -0.3

WRA Warramunga Arr 45.20 261 P I Amb I Amb 19 12 29.9 -0.2

WRA Warramunga Arr 45.20 261 P I Amb I Amb 19 12 29.9 -0.2

WRA Warramunga Arr 45.20 261 P I Amb I Amb 19 12 29.9 -0.2

AS31 Alice Springs 45.25 255 P I Amb I Amb 19 12 30.5 +0.1

ASAR Alice Springs 45.25 255 P I Amb I Amb 19 12 29.6 -0.8

ASAR Alice Springs 45.25 255 P I Amb I Amb 19 12 30.4 0.0

ASAR 45.25 255 P I Amb I Amb 19 13 57.8 -0.4

ASAR 45.25 255 P I Amb I Amb 19 18 26.2 -3.7

MTN Mantion Dam 49.55 269 P I Amb I Amb 19 13 02.9 +0.2

MTN Mantion Dam 49.55 269 P I Amb I Amb 19 13 15.7

FITZ Fitzroy Crossi 53.62 261 P I Amb I Amb 19 13 30.9 -1.0

MBWA Marble Bar 58.56 256 P I Amb I Amb 19 14 04.6 -1.3

SBA Scott Base 59.36 184 P I Amb I Amb 19 14 12.6 +2.3

VNDA Vanda 59.40 185 P I Amb I Amb 19 14 11.6 +0.1

WAKR Walker 59.40 185 P I Amb I Amb 19 14 11.4 +0.8

MJAR Matsushiro Arr 69.26 323 P I Amb I Amb 19 15 13.5 0.0

QSPA South Pole Qui 71.07 180 P I Amb I Amb 19 15 24.1 +0.3

QSPA South Pole Qui 71.07 180 P I Amb I Amb 19 15 25.3

QSPA South Pole Qui 71.07 180 P I Amb I Amb 19 15 24.2 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KVN Kaiserville, J05D Fort Rock, OR, BELA Belgrano 2, etc.

319A Douglas 82.46 53 P I Amb I Amb 19 16 26.8 +0.2

U15A North Rim 82.69 48 P I Amb I Amb 19 16 29.4 +1.6

ELK Elko 82.94 43 P I Amb I Amb 19 16 29.8 +0.8

VHRN Van Horn 85.51 55 P I Amb I Amb 19 16 43.0 +1.4

TX31 Lajitas Arr, Si 85.94 57 I Amb I Amb 19 16 45.9

TXAR Lajitas Array 85.94 57 P I Amb I Amb 19 16 45.0 +1.4

ALPN Alpine 86.39 56 I Amb I Amb 19 16 48.0

ILAR Eielson Array 86.80 13 P I Amb I Amb 19 16 46.4 -0.4

SAND Sanderson 87.42 57 P I Amb I Amb 19 16 51.5 +0.9

PDAR Pinedale Array 87.63 43 P I Amb I Amb 19 16 51.7 +0.3

ELIB Princess Elisa 88.14 186 dP I Amb I Amb 19 16 53.0 -0.3

DRIO Del Rio 88.41 58 P I Amb I Amb 19 16 55.7 +0.6

N23A Red Feather La 89.17 46 P I Amb I Amb 19 17 01.0 +2.2

TROLL Troll, Antari 89.20 180 P I Amb I Amb 19 16 57.9 -0.3

SNAE Sanae 89.46 178 P I Amb I Amb 19 16 58.4 -0.9

SNAAS Sanae 89.46 178 P I Amb I Amb 19 16 58.3 -1.0

VNA3 Neumayer Olym 89.58 176 P I Amb I Amb 19 16 59.3 -0.6

PHWY Pilot Hill 89.68 46 P I Amb I Amb 19 17 00.7 -0.5

CMAR Chiang Mai Arr 89.99 289 P I Amb I Amb 19 17 04.2 +1.5

PLCA Paso Flores 90.00 133 P I Amb I Amb 19 17 02.9 +0.4

VNA2 Neumayer-Watz 90.03 177 P I Amb I Amb 19 17 01.6 -0.3

VNA1 Neumayer-Stat 90.25 176 P I Amb I Amb 19 17 02.7 -0.2

MKAR Makanchi Array 110.47 314 PKIbP PKIbP 19 22 30.0 -0.9

KURBB Kurchatov Arra 113.23 318 PKIbP PKIbP 19 22 34.5 -1.5

BVAR Borovoye Array 118.20 321 PKP PKPpdf 19 22 44.9 +0.8

ARCAS ARCESS Array B 127.55 350 PKP PKPpdf 19 23 03.1 +0.1

EKA 146.72 348 P I Amb I Amb 19 23 31.1 -0.4

BRTR Keskin Arr B 146.12 314 PKPbC PKPbC 19 23 40.0 -0.2

CLL 146.72 348 P I Amb I Amb 19 23 41.5 +0.3

MMAI Mount Meron Arr 147.40 302 PKPbC PKPbC 19 23 44.1 +0.4

GERES GERESS Array B 148.88 346 PKPbC PKPbC 19 23 46.9 0.0

TORD Torodi Arr, Bea 174.11 173 PKP PKPpdf 19 24 08.0 -0.3

TORD Torodi Arr, Bea 174.11 173 PKP PKPpdf 19 24 08.0 -0.3

TORD Torodi Arr, Bea 174.11 173 PKP PKPpdf 19 24 08.0 -0.3

MPK Martis Peak 0.12 202 Op I Amb I Amb 19 09 13.7 +0.5

MPK Martis Peak 0.12 202 Op I Amb I Amb 19 09 14.6 +1.0

PEAR Peavine Mountain 0.20 2 P I Amb I Amb 19 09 17.5 +1.5

BABR Babbit Peak 0.22 332 P I Amb I Amb 19 09 14.1 +0.5

DONR Donner Summit 0.28 259 P I Amb I Amb 19 09 15.4 +0.8

LOV Loyaltan 0.32 321 P I Amb I Amb 19 09 16.1 +0.5

RUBR Rubicon Trail 0.38 202 P I Amb I Amb 19 09 17.4 +0.8

RUBR Rubicon Trail 0.38 202 P I Amb I Amb 19 09 23.3 -1.5

PNTR Pine Nut 0.43 138 P I Amb I Amb 19 09 18.0 +0.5

PNTR Pine Nut 0.43 138 P I Amb I Amb 19 09 24.3 +1.2

PNTR Pine Nut 0.43 138 P I Amb I Amb 19 09 25.1

EMB Emerald Bay 0.44 193 P I Amb I Amb 19 09 18.4 +0.6

EMB Emerald Bay 0.44 193 P I Amb I Amb 19 09 24.9 +1.3

EMB Emerald Bay 0.44 193 P I Amb I Amb 19 09 25.8

PAHR Pah Rah Range 0.54 56 P I Amb I Amb 19 09 20.1 +0.4

PAHR Pah Rah Range 0.54 56 P I Amb I Amb 19 09 27.9 +1.2

PAHR Pah Rah Range 0.54 56 P I Amb I Amb 19 09 28.5

PAHR Pah Rah Range 0.54 56 P I Amb I Amb 19 09 30.5

BEKR Beckworth 0.55 327 P I Amb I Amb 19 09 20.0 +0.3

YERR Yerington 0.71 126 P I Amb I Amb 19 09 23.1 +0.3

EMRR Black Mountain 0.74 341 P I Amb I Amb 19 09 23.6 +0.1

WAKR Walker 0.95 155 P I Amb I Amb 19 09 28.4 +0.1

ORV Oroville 1.19 278 P I Amb I Amb 19 09 31.6 -0.5

RYN Ryan 1.37 124 P I Amb I Amb 19 09 35.4 0.0

RYN Ryan 1.37 124 P I Amb I Amb 19 09 55.1

CMB Columbia Coile 1.41 193 P I Amb I Amb 19 09 35.2 -0.2

CMB Columbia Coile 1.41 193 P I Amb I Amb 19 09 35.0 -0.4

CMB Columbia Coile 1.41 193 P I Amb I Amb 19 09 54.7

CMB Columbia Coile 1.41 193 P I Amb I Amb 19 10 02.3

KVN Kaiserville 1.50 103 P I Amb I Amb 19 09 37.4 -0.1

KVN Kaiserville 1.50 103 P I Amb I Amb 19 10 00.2

KVN Kaiserville 1.50 103 P I Amb I Amb 19 10 00.8

NV09 Nina Bay 1.60 127 P I Amb I Amb 19 09 39.4 0.0

LHV Little Huntoon 1.63 135 P I Amb I Amb 19 09 38.5 +0.1

LHV Little Huntoon 1.63 135 P I Amb I Amb 19 10 04.0

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR, NV08, NV11, HATC, etc.

IDC 11 19:11:08.8-7.0, 19,225x176.76W, h0km, mb3.9/2,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, AKASO.

NEIC 11 19:20:31.1±1.5, 36°48'N, 0°02'98.59W, 0°03, h5km, 2km,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like OK038, OK035, OK033, etc.

TUL 11 19:20:31.5±0.9, 36°49'N, 0°02'98.62W, 0°03, h6km, 6km,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like OK038, OK035, OK033, etc.

OK2029 comp=N, 586nm, 0.2s

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like OK048, OK051, OK052, etc.

KSU1 comp=Z, 24nm, 1.0s

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KSC0, POST, MSTX, etc.

FCAR comp=Z, 23nm, 0.9s

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WLAR, R40A, UALR, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FVM, PHWY, CGM3, etc.

IDC 11 19:39:17.4±2.2, 2°33'N, 126°40'E, h0km, mb3.5/3,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI, KMSI, etc.

ASAR Alice Springs 26.85 165 P

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, NNC, etc.

KK31 Karatay Array 6.25 11 P

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, TKM2, etc.

BUI 11 19:54:17.7±0.0, 31°11'N, 131°76'E, h40km, mb5.2/88,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA, NIED, etc.

IDC 11 19:54:21.6±1.0, 31°32'N, 131°30'E, h35km, 7km, mb4.8/40,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC, GCMT, etc.

NEIC 11 19:54:21.3±1.0, 31°30'N, 131°37'E, h24km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KSU1, WFTS, etc.

KSU1 Kansas State U 3.05 31 Pn

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KSC0, POST, MSTX, etc.

FCAR comp=Z, 23nm, 0.9s

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WLAR, R40A, UALR, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JZO, JYO, JYAK, etc.

IDC 11 19:39:17.4±2.2, 2°33'N, 126°40'E, h0km, mb3.5/3,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI, KMSI, etc.

ASAR Alice Springs 26.85 165 P

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, NNC, etc.

KK31 Karatay Array 6.25 11 P

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, TKM2, etc.

BUI 11 19:54:17.7±0.0, 31°11'N, 131°76'E, h40km, mb5.2/88,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA, NIED, etc.

IDC 11 19:54:21.6±1.0, 31°32'N, 131°30'E, h35km, 7km, mb4.8/40,

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC, GCMT, etc.

NEIC 11 19:54:21.3±1.0, 31°30'N, 131°37'E, h24km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KSU1, WFTS, etc.

KSU1 Kansas State U 3.05 31 Pn

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KSC0, POST, MSTX, etc.

FCAR comp=Z, 23nm, 0.9s

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WLAR, R40A, UALR, etc.

Main data table containing station names, call signs, frequencies, and signal strength readings across multiple columns.

635

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KUU Kurly, ULHL Ulahoi, TKM2 Tokmak 2, etc.

2018 JUN

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WRA Warramunga Arr, FALS False Pass, M13K Dall Lake, etc.

11d 19h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like F18K Selawik, M16K Timber Creek, M16K VABM Dome, etc.

11d 19h

J19K	baz=270,SNR=28	S	S	20 11 32.5 +3.9
F20K	baz=270 Avaraat Lake comp=Z,107nm,1.6s	54.97 27	IAMB	IAMB 20 03 52.4
F20K	baz=268,SNR=23	54.97 27	P	P 20 03 50.8 +1.6
F20K	baz=268	S	S	20 11 32.5 +3.9
Q17K	baz=274 Contact Creek baz=274,SNR=5.8	55.03 38	P	P 20 03 50.3 +0.4
Q17K	baz=274	S	S	20 11 31.5 +1.6
H20K	baz=270,SNR=24	S	S	20 11 37.5 +4.7
O18K	baz=270 Koktuh Hills comp=Z,52nm,1.1s	55.28 36	IAMB	IAMB 20 04 06.5
O18K	baz=274	55.28 36	P	P 20 03 53.2 +1.6
O18K	baz=274	S	S	20 11 38.0 +5.0
P18K	baz=274 Big Mountain, comp=Z,56nm,1.1s	55.30 37	IAMB	IAMB 20 03 54.7
P18K	baz=274,SNR=6.4	55.30 37	P	P 20 03 53.2 +1.4
P18K	baz=274	S	S	20 11 38.2 +4.9
ARU	Arti 55.33 320 P	55.33 320	P	P 20 03 50.1 -1.9
ARU	Arti comp=Z,35nm,0.4s, baz=88,slow=4.4,SNR=141	55.33 320	P	P 20 03 50.4 -1.6
ARU	comp=Z,0.6nm,0.2s, baz=273,slow=21,SNR=6.6	S	S	20 11 32.3 -1.5
ARU	comp=Z,6.2um,20.3s, baz=83,slow=39	LR	LR	20 30 02.4
ARU	Arti comp=Z,140nm,1.1s, comp=Z,2.2um	55.33 320	P	P 20 03 50.4 -1.6
ARU	Arti comp=Z,111nm,0.9s	55.33 320	P	P 20 03 50.5 -1.6
ARU	comp=Z,6.2um,16.0s	MLR	MLR	
ARU	Arti 55.33 320 P	55.33 320	P	P 20 03 50.5 -1.5
ARU	Arti comp=Z,6.2um,16.0s	pP	pP	20 04 00.9 -1.0
ARU	Arti comp=Z,6.2um,16.0s	sP	sP	20 04 04.9 -0.9
L19K	White Mountain comp=Z,70nm,1.4s	55.34 33	IAMB	IAMB 20 04 06.0
L19K	White Mountain baz=272,SNR=12	55.34 33	P	P 20 03 54.0 +1.9
L19K	baz=272	S	S	20 11 37.2 +3.4
C21K	Knifblade Rid baz=267,SNR=35	55.41 25	P	P 20 03 54.0 +1.6
C21K	baz=267	S	S	20 11 36.8 +2.3
ABKAR	Akbulak array 55.42 311 P	55.42 311	P	P 20 03 51.4 -1.4
ABKAR	Akbulak array comp=Z,84nm,1.3s	55.42 311	IAMB	IAMB 20 03 52.4
I20K	Naaghedeneel baz=271,SNR=9.8	55.45 30	P	P 20 03 54.7 +2.0
A22K	Sinclair Lake baz=266,SNR=40	55.46 22	P	P 20 03 54.1 +1.4
A22K	baz=266	S	S	20 11 37.1 +2.1
B21K	Ikpiqpuq River comp=Z,2.1um,18.0s	55.50 24	IAMS_20	IAMS_20 20 30 52.6
B21K	Ikpiqpuq River baz=267,SNR=44	55.50 24	P	P 20 03 54.6 +1.6
B21K	baz=267	S	S	20 11 37.8 +2.3
M19K	Big River Lodg baz=273	55.57 34	P	P 20 03 55.7 +2.1
M19K	baz=273	S	S	20 11 42.9 +6.0
N19K	Bonanza Creek baz=273	55.58 35	P	P 20 03 55.6 +1.7
N19K	baz=273	S	S	20 11 41.8 +4.6
J20K	Nowinta River baz=271,SNR=42	55.60 31	P	P 20 03 55.9 +2.0
J20K	baz=271	S	S	20 11 42.7 +5.5
K20K	Telida baz=272,SNR=30	55.66 32	P	P 20 03 56.5 +2.2
K20K	baz=272	S	S	20 11 43.9 +5.9
E21K	Killik River comp=Z,84nm,1.2s	55.68 26	IAMB	IAMB 20 03 57.0
E21K	comp=Z,2.1um,19.0s	55.68 26	IAMS_20	IAMS_20 20 30 29.6
E21K	Killik River baz=269,SNR=48	55.68 26	P	P 20 03 55.6 +1.2
E21K	baz=269	S	S	20 11 39.2 +1.0
L20K	Farewell, AK baz=273,SNR=12	55.78 33	P	P 20 03 57.2 +2.0
L20K	baz=273	S	S	20 11 44.4 +4.7
G21K	Allakaket comp=Z,1.1um,20.0s	55.84 28	IAMS_20	IAMS_20 20 29 42.0
G21K	Allakaket baz=270	55.84 28	P	P 20 03 57.1 +1.5
G21K	baz=270	S	S	20 11 45.1 +4.8
F21K	Alatina River comp=Z,1.1um,18.0s	55.85 27	IAMS_20	IAMS_20 20 30 46.1
F21K	Alatina River baz=270,SNR=13	55.85 27	P	P 20 03 56.9 +1.3
F21K	baz=270	S	S	20 11 44.4 +3.9
R18K	Karuk baz=276	55.85 39	P	P 20 03 57.1 +1.4
R18K	baz=276	S	S	20 11 41.4 +0.8
B22K	Teshehpuk Lake comp=Z,83nm,1.1s	55.94 23	IAMB	IAMB 20 03 58.7
B22K	comp=Z,2.1um,19.0s	55.94 23	IAMS_20	IAMS_20 20 31 19.2
B22K	Teshehpuk Lake baz=268,SNR=31	55.94 23	P	P 20 03 57.4 +1.2
B22K	baz=268	S	S	20 11 44.6 +3.1
WRKA	Warakurna 56.04 183 P	56.04 183	P	P 20 03 59.4 +2.0
SII	Sitkinak Islan comp=Z,2.1um,22.0s	56.10 40	IAMS_20	IAMS_20 20 26 22.8
H21K	Melozitna Rive baz=272,SNR=44	56.14 29	P	P 20 03 59.4 +1.7
H21K	baz=272	S	S	20 11 48.9 +4.5
Q19K	Cape Douglas, baz=275	56.15 37	P	P 20 03 58.0 +0.2
D22K	Ayikyak River comp=Z,3.1um,18.0s	56.16 25	IAMS_20	IAMS_20 20 31 45.2
D22K	Ayikyak River baz=270,SNR=53	56.16 25	P	P 20 03 59.5 +1.7
D22K	baz=270	S	S	20 11 47.4 +2.8
M20K	Styx River comp=Z,3.9nm,1.2s	56.17 33	IAMB	IAMB 20 04 27.7
M20K	Styx River baz=274,SNR=6.8	56.17 33	P	P 20 03 59.8 +1.7
M20K	baz=274	S	S	20 11 48.7 +3.8
P19K	Oil Pt baz=275	56.29 36	P	P 20 04 00.2 +1.3
F22K	John River baz=271	56.35 27	P	P 20 04 01.1 +1.9
F22K	baz=271	S	S	20 11 51.6 +4.4
CHUM	Lake Minchumin baz=273,SNR=8.4	56.42 31	P	P 20 04 02.0 +2.3
CHUM	baz=273	S	S	20 11 53.3 +5.3
AKTO	Aktyubinsk 56.45 313 P	56.45 313	P	P 20 03 58.8 -1.4
AKTO	comp=Z,28nm,1.0s, baz=81,slow=6.8,SNR=42	S	S	20 11 48.6 -0.3
AKTO	comp=Z,0.5nm,0.4s, baz=286,slow=19,SNR=1.4	LR	LR	20 30 03.6
E22K	Anaktuvuk Pass comp=Z,2.8nm,1.0s	56.48 26	IAMS_20	IAMS_20 20 31 04.8
E22K	Anaktuvuk Pass comp=Z,1.1um,19.0s	56.48 26	P	P 20 04 01.6 +1.5
E22K	Anaktuvuk Pass baz=271	S	S	20 11 51.7 +2.8

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OHAK	Old Harbor comp=Z,44nm,1.1s	56.51 39	IAMB	IAMB 20 04 02.5
OHAK	Old Harbor baz=277,SNR=5.1	56.51 39	P	P 20 04 01.1 +0.7
PPLA	Purkale baz=274,SNR=14	56.54 32	P	P 20 04 02.2 +1.5
PPLA	baz=274	S	S	20 11 54.6 +4.6
CAST	Castle Rocks comp=Z,97nm,1.4s	56.55 32	IAMB	IAMB 20 04 14.7
CAST	Castle Rocks baz=274,SNR=24	56.55 32	P	P 20 04 02.6 +1.9
CAST	baz=274	S	S	20 11 53.8 +4.0
O20K	Slope Mountain baz=276	56.56 36	P	P 20 04 01.8 +0.9
G22K	Bettles baz=272	56.63 27	P	P 20 04 02.3 +1.2
N20K	Mount Spurr baz=275,SNR=11	56.66 34	P	P 20 04 03.3 +1.8
N20K	baz=275	S	S	20 11 56.6 +5.2
SPCR	Spurr Chakacha baz=275,SNR=9.3	56.66 34	P	P 20 04 02.3 +0.8
SPCR	baz=275	S	S	20 11 55.0 +3.6
H22K	Ishlatina Cre baz=273,SNR=67	56.72 29	P	P 20 04 04.0 +2.2
H22K	baz=273	S	S	20 11 58.2 +6.2
KDAK	Kodiak Island comp=Z,86nm,1.1s	56.82 38	IAMB	IAMB 20 04 02.1 -0.5
KDAK	Kodiak Island baz=277	56.82 38	P	P 20 04 03.3 +0.7
KDAK	baz=277	S	S	20 11 55.5 +2.0
KDAK	Kodiak Island comp=Z,966nm,19.6s, baz=266,slow=38	56.82 38	LR	LR 20 30 40.2
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	P	P 20 04 02.1 -0.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	P	P 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 13.9 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	sP	sP 20 04 17.7 +1.4
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 11.8
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04 04.2 +1.5
KDAK	Kodiak Island comp=Z,86nm,1.2s	56.82 38	pP	pP 20 04

I26K	Coal Creek Min	60.18	29	P	P	20 04 26.2 +0.3	DAWY	baz=284	S	S	20 13 04.7 +4.1	LVZ	Lovozero	63.96	335	ceP	P	20 04 49.7 -1.6			
I26K	Chitina			S	S	20 12 39.4 +2.4	baz=284					LVZ	comp=Z,39nm,1.0s				MLR	MLR			
N25K	Valde	60.23	33	Iamb	Iamb	20 04 40.9	LIFNC	LIFOU	62.06	142	P	P	20 04 38.8 -0.3	LVZ	comp=Z,3um,20.0s						
N25K	Chitina, Valde	60.23	33	P	P	20 04 28.0 +1.6	LOGN	Logan Glacier	62.10	34	Iamb	Iamb	20 04 55.4	LVZ	Lovozero	63.96	335	P	P	20 04 49.6 -1.7	
N25K	baz=281			S	S	20 12 41.0 +3.1	YUK3	Moose Creek	62.11	33	P	P	20 04 40.7 +1.4	LVZ	comp=Z,3um,20.0s					20 04 59.7 -1.6	
E27K	Coleen River	60.28	25	Iamb	Iamb	20 04 39.9	I29M	Oglivie Camp	62.15	28	Iamb	Iamb	20 04 42.2	P29M	Windy Craggy	63.99	34	P	P	20 05 06.6	
E27K	comp=Z,40nm,1.1s			IAMS_20	IAMS_20	20 32 33.1	I29M	comp=Z,1um,20.0s				IAMS_20	IAMS_20	20 33 38.8	P29M	Windy Craggy	63.99	34	P	P	20 04 53.7 +2.1
E27K	Coleen River	60.28	25	P	P	20 04 28.5 +1.9	I29M	Oglivie Camp	62.15	28	P	P	20 04 40.8 +1.4	P29M	baz=288			S	S	20 13 30.2 +4.8	
E27K	baz=280,SNR=26			S	S	20 12 41.7 +3.3	I29M	comp=Z,8um,18.6s,SNR=30					JLN	Wadi Bani Buh	64.03	281	P	P	20 04 52.8 +0.3		
D27M	Malcolm River	60.32	24	Iamb	Iamb	20 04 29.2	I29M	comp=Z,102nm,1.1s,SNR=50					KLMR	Klimovskoe	64.18	327	c/P	P	20 04 50.5 -2.3		
D27M	comp=Z,47nm,1.3s			IAMS_20	IAMS_20	20 34 32.1	BELG	Belogornoye	62.36	317	P	P	20 13 07.1 +4.9	KLMR	comp=Z,159nm,1.5s			pmax	pmax		
D27M	comp=Z,1um,18.0s	60.32	24	P	P	20 04 28.6 +1.7	BELG	comp=Z,3.4nm,0.7s,SNR=63				LR	LR	20 34 19.4	WBK	Wadi Bani Khal	64.21	282	P	P	20 04 54.3 +0.6
D27M	Malcolm River			S	S	20 12 41.9 +3.0	BELG	comp=Z,102nm,1.1s					P30M	Million Dollar	64.22	31	P	P	20 04 54.9 +1.8		
BMRM	Bremner River	60.35	34	P	P	20 04 28.6 +1.4	BELG	Belogornoye	62.36	317	i/P	P	20 04 39.2 -1.6	P30M	baz=288			S	S	20 13 30.9 +2.7	
BMRM	baz=282			S	S	20 12 42.7 +3.2	BELG	comp=Z,31nm,1.2s					N31M	Braeburn, Yuko	64.34	32	Iamb	Iamb	20 05 07.8		
KOUNC	Koumac, New Ca	60.35	144	IAMS_20	IAMS_20	20 29 01.3	J29N	comp=Z,1um,19.0s					N31M	Braeburn, Yuko	64.34	32	P	P	20 04 55.9 +2.0		
MENT	Mentasta	60.37	32	P	P	20 04 28.4 +1.1	J29N	Klondike Camp	62.42	29	Iamb	Iamb	20 04 44.4	N31M	baz=288,SNR=7.5			S	S	20 13 33.2 +3.6	
G27K	Doyon Strip	60.51	27	IAMS_20	IAMS_20	20 34 19.2	J29N	comp=Z,1um,20.0s					O30N	Mendenhall	64.42	33	Iamb	Iamb	20 05 08.2		
G27K	comp=Z,1um,19.0s			IAMS_20	IAMS_20	20 34 19.2	O28M	Mount Upton	62.49	34	P	P	20 04 43.1 +1.9	O30N	Mendenhall	64.42	33	P	P	20 04 55.9 +1.4	
G27K	Doyon Strip	60.51	27	P	P	20 04 29.9 +1.8	O28M	baz=285,SNR=8.0					O30N	baz=289			S	S	20 13 35.4 +4.7		
G27K	baz=281,SNR=23			S	S	20 12 47.2 +6.0	EPYK	comp=Z,285					APA	Apatity	64.51	335	i/P	P	20 04 52.2 -2.7		
L26K	Log Cabin Wild	60.52	31	Iamb	Iamb	20 04 41.5	EPYK	Eagle Plains	62.52	27	Iamb	Iamb	20 04 44.5	APA	comp=Z,4			i	PPP	PPP	20 05 26.0
L26K	comp=Z,32nm,0.9s			IAMS_20	IAMS_20	20 33 14.0	EPYK	comp=Z,57nm,1.1s					APA	SNR=4			i	SSS	SSS	20 08 48.0	
L26K	Log Cabin Wild	60.52	31	P	P	20 04 29.9 +1.5	EPYK	Eagle Plains	62.52	27	P	P	20 04 43.1 +1.2	APA	comp=Z,34nm,0.8s			i	SSS	SSS	20 13 25.0 -6.5
L26K	baz=282			S	S	20 12 45.8 +4.2	F30M	Barrier River	62.55	26	P	P	20 13 11.2 +4.3	APA	comp=Z,4um,18.0s			i	SSS	SSS	20 20 37.0
GLB	Gilahina Butte	60.63	33	Iamb	Iamb	20 04 43.4	F30M	baz=286,SNR=34					APA	comp=Z,4um,18.0s				MLR	MLR		
H27K	Steamboat Moun	60.66	28	P	P	20 04 31.4 +2.1	G30M	tAoh Zraii Nji	62.55	26	P	P	20 13 11.3 +4.3	BIDO	Bidibid	64.53	283	P	P	20 04 56.3 +0.6	
H27K	baz=281,SNR=28			S	S	20 12 50.3 +7.0	G30M	baz=286,SNR=20					SPA0	Spitsbergen Ar	64.54	348	eP	P	20 04 52.5 -2.5		
I27K	Kandik River	60.75	28	P	P	20 04 31.6 +1.7	DZM	Mont Dumac	62.72	143	eP	P	20 13 10.2 +2.9	SPA0	Spitsbergen Ar	64.54	348	eP	P	20 13 34.1 +2.5	
I27K	baz=282,SNR=54			S	S	20 12 51.7 +7.2	DZM	comp=Z,92nm,1.2s					SPITS	Spitsbergen Ar	64.54	348	eP	P	20 04 52.4 -2.5		
M26K	Nabesna, AK	60.81	32	IAMS_20	IAMS_20	20 29 44.6	DZM	comp=Z,2um,26.0s					A36M	Sachs Harbour	64.58	20	P	P	20 04 56.4 +1.2		
M26K	comp=Z,1um,22.0s			IAMS_20	IAMS_20	20 29 44.6	DZM	Mont Dumac	62.72	143	P	P	20 04 43.8 -0.1	A36M	baz=293,SNR=22			S	S	20 13 34.6 +2.5	
M26K	Nabesna, AK	60.81	32	P	P	20 04 31.9 +1.5	DZM	comp=Z,2um,22.8s					PLBC	Pleasant Camp	64.71	34	P	P	20 04 57.5 +1.2		
M26K	baz=282,SNR=30			S	S	20 12 48.6 +3.3	DZM	comp=Z,30nm,0.9s					M31M	Drury Creek, Y	64.73	31	P	P	20 04 57.9 +1.5		
VRDI	Verde Repeater	60.84	34	Iamb	Iamb	20 04 43.5	DZM	Mont Dumac	62.72	143	P	P	20 04 45.2 +1.6	M31M	baz=289,SNR=13			S	S	20 13 39.4 +5.0	
VRDI	comp=Z,26nm,0.9s			IAMS_20	IAMS_20	20 32 56.6	L29M	L29M	62.81	31	IAMS_20	IAMS_20	20 33 33.5	SMDO	Samad	64.79	283	P	P	20 04 57.1 -0.4	
K27K	Chicken	60.88	30	P	P	20 04 32.1 +1.3	L29M	comp=Z,2um,22.0s					KBS	Kingsbay	64.88	349	IAMS_20	IAMS_20	20 36 38.7		
K27K	baz=282			S	S	20 12 51.0 +5.0	L29M	baz=286,SNR=33					VADS	Vado	64.88	349	eP	P	20 04 53.6 -3.5		
E28M	Babbage River	60.95	25	Iamb	Iamb	20 04 58.3	M29M	Somme Creek	62.84	32	Iamb	Iamb	20 04 58.4	VADS	comp=Z,49nm,1.1s			eP	P	20 04 57.1 -0.6	
E28M	comp=Z,27nm,0.9s			IAMS_20	IAMS_20	20 34 38.8	M29M	comp=Z,963nm,19.0s					VADS	comp=Z,49nm,1.1s			eP	P	20 04 57.4		
E28M	Babbage River	60.95	25	P	P	20 04 32.8 +1.6	M29M	Somme Creek	62.84	32	P	P	20 04 46.2 +2.1	VADS	comp=Z,4um,25.6s			eS	IAMS_20	IAMS_20	20 34 24.4
E28M	baz=282,SNR=25			S	S	20 12 50.2 +3.4	M29M	baz=286,SNR=21					WHY	Whitehorse	65.02	33	Iamb	Iamb	20 05 12.3		
MCARA	McCarthy VSAT	61.01	33	IAMS_20	IAMS_20	20 32 53.1	K29M	Barlow Dome	62.88	30	Iamb	Iamb	20 04 47.4	WHY	Whitehorse	65.02	33	P	P	20 05 00.2 +1.7	
MCARA	McCarthy VSAT	61.01	33	P	P	20 04 33.3 +1.6	K29M	comp=Z,41nm,1.2s					WHY	baz=290,SNR=14			S	S	20 13 44.5 +6.3		
MCARA	baz=283,SNR=8.3			S	S	20 12 52.4 +4.6	K29M	comp=Z,1um,21.0s					JMDO	Jabal Madar	65.03	282	P	P	20 04 59.0 0.0		
F28M	Old Crow	61.03	26	Iamb	Iamb	20 04 35.1	K29M	Barlow Dome	62.88	30	P	P	20 04 46.0 +1.7	SHME	Shamm	65.14	286	P	P	20 04 59.7 0.0	
F28M	comp=Z,66nm,1.3s			IAMS_20	IAMS_20	20 32 43.9	K29M	baz=286,SNR=31					SHME	Shamm	65.14	286	P	P	20 05 00.2 +0.6		
F28M	Old Crow	61.03	26	P	P	20 04 33.5 +1.8	I30M	Mount Dempster	62.97	28	Iamb	Iamb	20 05 03.4	FARO	Faro, Yukon	65.18	31	Iamb	Iamb	20 05 12.9	
F28M	baz=282,SNR=41			S	S	20 12 54.3 +6.5	I30M	comp=Z,58nm,1.1s					FARO	Faro, Yukon	65.18	31	P	P	20 05 00.8 +1.5		
D28M	Stokes Point	61.09	24	P	P	20 04 33.6 +1.7	I30M	Mount Dempster	62.97	28	P	P	20 04 46.4 +1.5	HOQ	Hoqain	65.19	283	P	P	20 05 01.1 +0.1	
D28M	baz=282			S	S	20 12 53.9 +5.5	I30M	comp=Z,1um,19.0s					SKAG	Skagway	65.21	34	Iamb	Iamb	20 05 14.2		
EGAK	Eagle	61.11	29	P	P	20 04 31.8 -0.5	I30M	comp=Z,2um,22.0s					SKAG	Skagway	65.21	34	P	P	20 05 01.4 +1.9		
EGAK	comp=Z,83nm,1.9s			IAMS_20	IAMS_20	20 32 46.4	YUK4	Talbot Arm	63.06	33	P	P	20 04 47.3 +1.6	SKAG	comp=Z,49nm,1.1s			P	P	20 05 15.0	
EGAK	Eagle	61.11	29	P	P	20 04 32.7 +0.4	YUK4	baz=286					S31K	Pelican	65.27	36	Iamb	Iamb	20 05 15.0		
EGAK	baz=282,SNR=7.7			S	S	20 12 53.0 +4.0	J30M	Hart River	63.17	29	IAMS_20	IAMS_20	20 34 10.8	S31K	Pelican	65.27	36	P	P	20 05 01.3 +1.4	
L27K	Beaver Creek	61.19	31	Iamb	Iamb	20 04 46.7	J30M	comp=Z,1um,20.0s					HSPB	Hartund (broa	65.31	347	eP	P	20 04 58.8 -1.0		
L27K	comp=Z,40nm,1.1s			P	P	20 04 34.7 +1.8	J30M	baz=287,SNR=14					MDH	Madha	65.32	286	P	P	20 04 59.4 -1.4		
L27K	Beaver Creek, AK	61.19	31	P	P	20 12 54.7 +4.6	J30M	comp=Z,32nm,1.1s					MAK	Makhachkala	65.39	307	d/P	P	20 05 01.2 +0.2		
L27K	baz=283			S	S	20 12 54.7 +4.6	G31M	Satah River	63.31	26	Iamb	Iamb	20 04 58.3	MAK	comp=Z,264nm,1.2s			e	PPP	PPP	20 07 26.3
BCAR	Beaver Creek A	61.21	31	P	P	20 04 33.1 +0.1	G31M	comp=Z,105nm,1.1s					MAK	comp=Z,264nm,1.2s			e	PPP	PPP	20 09 02.2	
MULG	Mulgait Ridge	61.23	177	P	P	20 04 36.0 +2.6	G31M	comp=Z,942nm,18.0s					MAK	comp=Z,264nm,1.2s			e	PPP	PPP	20 13 43.0 0.0	
WAX	Waxell Ridge	61.30	34	Iamb	Iamb	20 04 48.0	G31M	Satah River	63.31	26	P	P	20 04 47.5 +0.6	MASF	Masafi	65.40	286	P	P	20 05 02.1 +0.7	
M27K	Edge Creek, AK	61.33	32	Iamb	Iamb	20 04 51.0	G31M	comp=Z,287,SNR=12					UOCS	Uozafif	65.54	285	P	P	20 05 01.2 -1.1		
M27K	comp=Z,23nm,0.8s			IAMS_20	IAMS_20	20 29 59.3	G31M	comp=Z,1um,19.0s					SOHO	SOHO	65.60	284	i/P	P	20 05 02.0 -0.7		
M27K	Edge Creek, AK	61.33	32	P	P	20 04 35.3 +1.3	G31M	comp=Z,1um,19.0s					SOHO	SOHO	65.60	284	P	P	20 05 03.2 +0.5		
M27K	baz=283,SNR=15			S	S	20 12 56.5 +4.4	F31M	comp=Z,2um,22.0s					BSY	Blisy	65.62	283	P	P	20 05 03.3 +0.4		
I28M	Miner Creek	61.47	28	Iamb	Iamb	20 04 38.1	F31M	Tsighehtic	63.35	25	Iamb	Iamb	20 05 00.0	HATD	Hata, Dubai	65.65	285	P	P	20 05 03.5 +0.5	
I28M	comp=Z,74nm,1.2s			IAMS_20	IAMS_20	20 33 17.8	F31M	comp=Z,55nm,1.2s					N32M	Quiet Lake	65.68	32	IAMS_20	IAMS_20	20 36 33.3		
I28M	Miner Creek	61.47	28	P	P	20 04 36.5 +1.7	F31M	comp=Z,1um,19.0s													

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Novokhoporsky, Killisnoo, Alert, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KIV, KISLOVODSK, KIV, etc.

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

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CKRC, MOX, KHC, GRG, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like WATA, WTTA, LHV, NVAR, STU, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ULM, GLMR, MDND, RDMU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cedar Bluff, State Center, Jewell Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matsushiro, Kuni, Kushiama-Naru, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Spitsbergen Ar, Spitsbergen Ar, Spitsbergen Br, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like JTHY, JOD2, JHU, JHTM, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MDJ, CN2, CN2, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like H11N2, H11N1, H11N3, etc.

11d 20h

2018 JUN

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SIMJ Simiganj, J30M Hart River, M30M Minto Yukon, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TRO Tromsø, JEF Joensuu, NEEM North Greenlan, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SIM Simferopol', BOZ Bozeman (W), SOEG Soedalen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KHC Kasperke Hory, G3A 5 Mile Ranch, EKA Eskdalemuir Ar, B10A Bad Ischl, SOKA Soboth, etc.

ISC 11 20:18:51.0, 7.9, 7.53S, 127.70E, h157km, 85km, mb2.9/2, mbtmp3.6/5, Error ellipse: s-maj=80.7km s-min=27.6km az=36.0, Banda Sea

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

ISC 11 20:24:38.1, 2.3, 6.48S, 130.00E, h0km, mb3.2/1, mbtmp3.8/4, ML2.3, Error ellipse: s-maj=56.5km s-min=32.9km az=75.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA 1.4nm, 0.3s, baz=332, slow=14, SNR=22, COEN Coen, QIS Mount Isa, ASAR Alice Springs, etc.

DSN 11 20:31:42.5, 0.9, 28.15N, 56.72E, h10km, ML3.2/6, Error ellipse: s-maj=31.9km s-min=7.7km az=107.0

ISC 11 20:31:48.1, 0.1, 27.75N, 56.34E, h10km, mb4.6/1, m3.2/15, ms3.8/6, Mwps.1/5, Error ellipse: s-maj=1.9km s-min=0.6km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IBND Bandar-abas, GENO Genuo, KHNJ Kahnoo, NGRK Negar Kerman, etc.

ISC 11 20:31:45.4, 0.6, 27.87N, 56.41E, h10km, n71, s151/89, mb3.5/12, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARQ Bidbid, BIDO Bido, ISAD Sadrabad, SMDO Samad, etc.

ISC 11 20:34:28.7, 0.6, 26.23S, 69.52W, h55km, 87km, ML3.6, mbtmp4.6/21, MS4.1/27, Error ellipse: s-maj=65.3km s-min=28.6km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKTO Aktynyuk, BVAR Borovoye Arra, MKAR Makanchi Arra, etc.

ISC 11 20:34:29.4, 1.2, 26.20S, 69.47W, h72km, 6km, mb3.6/2, mbtmp3.8/3, MS3.1/1, Error ellipse: s-maj=65.3km s-min=28.6km az=102.0

ISC 11 20:34:28.9, 0.8, 26.22S, 69.65W, h0.05, h71km, 7km, n48, c202/58, 1C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar, etc.

GCMT 11 20:38:12.9, 0.3, 10.46S, 0.02, 161.52E, h0.02, h73km, 4km, MW5.0/84, Moment Tensor Solution, s84, c102

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, etc.

ISC 11 20:38:12.4, 0.0, 9.85S, 161.36E, h49km, mb4.7/42, m85.3/16, Ms4.9/8, Ms7.4/6/10

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like HNR Honiara, DVP Devils Point, KOUNC Koumac, etc.

Table with columns: UGM, Wanaqama,INU, Inuyama, JMN, Monobe, MJAR, Matsushiro Arr, etc. Lists various stations and their coordinates.

Table with columns: HIA, Hailar, HIA, Hailar, HIA, Hailar, HIA, Zeya, etc. Lists various stations and their coordinates.

DHRM	eS	Sn	22 37 18.4 -2.2	ABKAR	Akbulak array	15.24 331	Pn	Iamb	22 38 17.2 -1.1	OBN	e	S	22 41 54.0		
DHRM	IAML		22 37 20.8	ABKAR					22 38 19.8	OBN	eS	S	22 45 44.6 +4.9		
DHRM	comp=E,1µm,0.1s			KURK	Kurchatov	15.27 18	Pn	Iamb	22 38 18.5 -0.2	OBN	pmax				
ARLS	5.97 23	Pn	22 36 16.3 +1.7	KURK	comp=Z,17nm,1.0s				22 38 23.8	KLIMR	Klimovskoe	31.64 331	eP	P	22 40 57.9 -4.0
UCH	6.36 23	Pn	22 36 22.3 +2.1	KURK	Kurchatov	15.27 18	↑P	Pn	22 38 20.4 +1.8	KLIMR	comp=Z,9.0nm,1.3s		eP	P	22 41 02.2 -0.3
DZA	6.48 1	eP	22 36 23.1 +1.5	KURK	Kurchatov	15.27 18	ceP	Pn	22 38 19.6 +0.9	HHC	Hu-ho-hao-te	31.65 69	eP	P	22 41 02.2 -0.3
DZA	6.48 1	ePN	22 36 23.0 +1.5	KURK	comp=Z,25nm,1.3s					HHC	comp=Z,5.0nm,0.6s		pmax	pmax	
EKS2	6.56 17	Pn	22 36 24.7 +2.1	BVA0	Borovyoy Array	16.63 358	P	Pn	22 38 35.2 -0.3	PURM	Purcari	32.24 301	P	P	22 41 08.2 +0.8
KK31	6.71 356	Pn	22 36 26.0 +1.4	BVAR	Borovyoy Array	16.63 358	P	Pn	22 38 35.3 -0.2	AK09	Main Array Si	33.08 309	P	pP	22 41 14.8 +0.2
KK31	6.71 356	↑P	22 36 26.0 +1.4	BVAR	comp=Z,19nm,0.8s,baz=183,slow=12,SNR=60				22 41 32.5 -7.4	AK09	Main Array Si	33.08 309	P	pP	22 41 14.8 +0.2
KK31	6.71 356	↑P	22 36 38.3 -1.2	BRVK	Borovyoy	16.67 358	ceP	Pn	22 38 36.1 +0.1	AK10	Main Array Si	33.09 309	P	P	22 41 14.9 +0.1
KK31	6.71 356	Pn	22 36 26.0 +1.4	BRVK	Borovyoy	16.67 358	ceP	Pn	22 38 37.6 +1.6	AK08	Main Array Si	33.10 309	P	pP	22 41 14.9 +0.1
KKAR	6.71 356	Pn	22 36 25.3 +0.7	BRVK	comp=Z,33nm,1.0s					AK08	Main Array Si	33.12 309	P	pP	22 41 14.9 +0.1
KKAR	6.71 356	Pn	22 36 25.8 +1.1	NGP	Nagpur	16.67 154	ex	Sn	22 38 36.4 +0.1	AK05	Main Array Si	33.13 309	P	P	22 41 15.5 +0.4
KKAR	6.71 356	Pn	22 36 25.3 +0.7	NGP	NGP	16.67 154	ex	Sn	22 38 30.2 -1.1	AKASG	Main Array Be	33.13 309	P	P	22 41 15.0 0.0
AAK	6.73 21	Pn	22 36 27.6 +2.6	AKTO	Aktyubinsk	16.94 330	P	Pn	22 38 40.3 +0.9	AKASG	Main Array Be	33.13 309	P	P	22 41 15.0 +0.2
AAK	6.73 21	Pn	22 36 27.1 +2.1	AKTO	comp=Z,59nm,0.8s,baz=148,slow=7.7,SNR=148				22 41 38.2 -9.2	AKBB	Main Array Si	33.13 309	P	P	22 41 14.6 -0.4
AAK	6.73 21	↑P	22 37 40.0 -0.1	WSAR	Wadi Sarin	17.03 223	P	Pn	22 38 39.3 -1.4	AKBB	comp=Z,4.7nm,0.7s		Iamb	Iamb	22 41 16.9
AAK	6.73 21	↑P	22 36 27.4 +2.4	WSAR	comp=Z,5.7nm,0.7s,baz=159,slow=2.1,SNR=3.0					AKBB	Main Array Si	33.13 309	P	P	22 41 15.4 +0.3
AAK	6.73 21	↑P	22 37 39.0 -1.2	WSAR	comp=Z,7nm,0.6s,baz=94,slow=4.7,SNR=5.7					AKBB	Main Array Si	33.13 309	ceP	pmax	22 41 15.8 +0.7
KBK	6.89 24	P	22 36 29.9 +2.8	GTK	Tadong	17.32 117	eP	P	22 38 45.7 +1.5	AKBB	comp=Z,4.0nm,0.6s		pmax	pmax	
FRU1	6.93 21	Pn	22 36 30.2 +2.6	LKRN	Lenkeran	17.32 284	P	Pn	22 38 53.1 +1.8	AK01	Main Array Si	33.13 309	P	P	22 41 15.1 0.0
FRU1	7.02 32	Pn	22 36 31.0 +2.0	GOMU	GeErMu	19.04 84	P	pmax	22 39 06.7 +1.7	AK02	Main Array Si	33.13 309	P	P	22 41 14.8 -0.3
BOOM	7.10 30	Pn	22 36 31.6 +1.5	SEKA	Sheki	19.28 292	P	P	22 39 07.3 +1.7	AK11	Main Array Si	33.16 309	P	P	22 41 15.1 -0.2
BOOM	7.10 30	PN	22 36 31.6 +1.5	MNGR	Mingechevir, A	19.28 290	P	Pn	22 39 08.5 +0.5	AK12	Main Array Si	33.16 309	P	P	22 41 15.5 +0.1
CHMS	7.13 22	↑P	22 36 32.4 +2.0	MAK	Makhachkala	19.34 297	eP	S	22 39 06.0 0.0	AK04	Main Array Si	33.17 309	P	P	22 41 14.9 -0.5
CHMS	7.13 22	↑P	22 36 32.4 +2.0	MAK	MAK				22 42 40.4 +1.0	AK14	Main Array Si	33.19 309	P	P	22 41 15.3 -0.3
SMLA	7.24 135	eP	22 37 48.1 -1.8	TAWA	Tawang	19.58 111	ex	Iamb	22 40 10.2	AK15	Main Array Si	33.19 309	P	P	22 41 14.9 -0.7
SMLA	7.24 135	eP	22 37 51.9	TAWA	comp=Z,202nm,1.6s				22 40 13.2	SORM	Soroca	33.39 304	P	P	22 41 17.5 +0.2
SMLA	7.24 135	eP	22 37 52.0 -0.4	GANJ	Ganja	19.89 290	P	P	22 39 14.6 +2.5	MJ30	MJ30,Zelenitsa	33.78 309	P	P	22 41 20.1 -0.7
SMLA	7.24 135	eP	22 37 56.5	ZAA0	Zalesovo Array	19.94 24	P	Iamb	22 39 12.0 -0.4	LUBAR	Lubar, Ukraine	33.95 307	P	P	22 41 22.8 +0.6
USP	7.31 19	Pn	22 36 34.8 +2.0	ZAA0	comp=Z,18nm,0.9s				22 39 15.5	TESCAN	Tescani	34.47 301	P	P	22 41 26.7 -0.1
TKM2	7.34 26	Pn	22 36 35.4 +2.0	ZAA0	Zalesovo Array	19.94 24	↑P	P	22 39 13.0 +0.5	KMPD	K-Podolskiy	34.68 305	P	P	22 41 28.3 -0.2
TKM2	7.34 26	↑P	22 36 35.2 +1.8	ZALV	Zalesovo Beam	19.94 24	P	P	22 39 12.2 -0.3	KMPD			P	P	22 41 28.8 +0.3
TKM2	7.34 26	↑P	22 37 53.8 -1.3	ZALV	Zalesovo Beam	19.94 24	P	P	22 39 12.7 +0.3	HORU	Horodok	34.74 306	P	P	22 41 27.2 -1.9
SGDS	7.52 19	eP	22 36 37.0 +1.3	ZALV	comp=Z,7.4nm,0.3s,baz=215,slow=10,SNR=62				22 42 45.8 -5.3	MLR	Muntele Rosu	34.96 299	P	P	22 41 33.7 +2.5
SGDS	7.52 19	ePN	22 36 36.9 +1.3	ZALV	comp=Z,7.1nm,0.7s,baz=208,slow=18,SNR=3.2					MLR	Muntele Rosu	34.96 299	P	P	22 41 33.7 +2.5
HRA	7.58 257	Pn	22 36 37.2 +0.5	ZALV	Zalesovo Beam	19.94 24	iP	pmax	22 39 12.6 +0.2	RNPP5	Staryi Chortor	35.29 309	P	P	22 41 33.9 +0.1
TNSS	7.97 32	eP	22 36 43.5 +1.4	ZALV	comp=Z,7.4nm,0.3s					RNPP5	Sopachiv	35.31 310	P	P	22 41 34.1 +0.2
TNSS	7.97 32	ePN	22 36 43.4 +1.4	ZALV	comp=Z,4.1nm,0.5s					RNPP5	Varash	35.32 309	P	P	22 41 34.0 0.0
AAA	8.10 31	eP	22 36 44.8 +1.3	NAX	Nakhchivan	20.48 286	P	pmax	22 39 20.9 +2.4	KARP	Karpatos	35.41 282	P	P	22 41 33.5 -1.6
AAA	8.10 31	eP	22 36 44.8 +1.3	GROC	Groznyy	20.61 297	eP	pP	22 39 21.5 +1.7	BU08	Bucovina Arr. S	35.48 303	P	P	22 41 35.9 +0.4
MDOK	8.12 32	eP	22 36 45.5 +1.6	GROC	Groznyy				22 39 25.3 +3.3	IDID	Idizsalais	35.51 316	eP	P	22 41 36.7 +1.1
MDOK	8.12 32	↑P	22 36 44.9 +1.1	GROC	Groznyy				22 43 07.7 +3.1	STNU	Starunia	35.96 305	P	P	22 41 40.5 +0.9
MDOK	8.12 32	↑P	22 36 45.4 +1.6	GROC	Groznyy				22 43 25.3	VSU	Vasula	36.03 322	iP	P	22 41 42.8 +0.1
MDOK	8.12 32	ePN	22 36 44.9 +1.0	SHL	Shilong	20.73 116	P	Iamb	22 39 20.7 -0.7	VSU	comp=Z,1.1nm,0.8s		pmax	pmax	
MDOK	8.12 31	↑P	22 36 46.9 +1.3	SHL	comp=Z,20nm,0.9s				22 39 25.5	MORS	Morshin	36.40 306	P	LR	22 41 44.9 +1.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	SHL	Shilong	20.73 116	P	pmax	22 39 20.7 -0.7	ANDI	Anodi	37.27 282	LR	LR	23 00 27.5
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	Iamb	22 39 24.2 -0.7	HOLU	Holmets	37.38 305	eP	P	22 41 52.8 +1.2
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,20nm,0.9s				22 39 34.3	KOLS	Kolonicke sedl	37.46 305	eP	pPn	22 43 23.0 +1.6
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,21nm,0.9s					KOLS	Kolonicke sedl	37.46 305	eP	P	22 43 23.0
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FIAT	FINESS Array S	37.65 326	P	P	22 41 55.1 +1.5
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.0 +0.4
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,29nm,1.2s					FINES	FINESS Array B	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	Garni	21.07 288	P	pmax	22 39 26.9 +1.9	FINES	FINESS Array S	37.65 326	P	P	22 41 54.3 +0.7
MDOK	8.12 31	↑P	22 36 46.9 +1.3	GNI	comp=Z,27nm,1.0s					FINES	FINESS Array B	37.65 326	P	P	22 41

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mitsune, Hachioji jima 2, MJKM, MJAR, MAJO, MAJU, MAJB, MJFB, JGF, Kuroka, JMM, Marumori, JMM, Marumori, INU, Inuyama, JSD, Sado, JSD, Sado, ERM, Erimo, ERM, Erimo, JEM, Erimo, KRSR, Korea Array, H11N2, WAKE ISLAND Hy 26.31 116 T, H11N1, WAKE ISLAND Hy 26.32 116 T, H11N3, WAKE ISLAND Hy 26.33 116 T, H11S3, WAKE ISLAND Hy 26.92 118 T, H11S1, WAKE ISLAND Hy 26.92 118 T, H11S2, WAKE ISLAND Hy 26.93 118 T, CMAR, Chiang Mai Arr 41.13 259 P, ZALV, Zalesovo Beam 44.39 315 P, MK31, Makanchi Array 46.19 305 P, MKAR, Makanchi Array 46.19 305 P, MKAR, Makanchi Array 46.19 305 P, D19K, Kuna River 48.08 25 P, KURK, Kurchatov 48.24 310 P, KURB, Kurchatov Arr 48.31 310 P, B20K, Meade River 48.78 24 P, B20K, Meade River 48.78 24 P, B21K, Ikpikpuk River 49.56 24 P, B21K, Ikpikpuk River 49.56 24 P, B22K, Teshekpuk Lake 50.10 24 P, B22K, Teshekpuk Lake 50.10 24 P, E22K, Anaktuvuk Pass 50.31 26 P, C23K, Itkillik River 50.97 24 P, C23K, Itkillik River 50.97 24 P, TOLK, Toolik Lake Re 51.19 26 P, TOLK, Toolik Lake Re 51.19 26 P, F24K, Squaw Lake 51.73 27 P, F24K, Squaw Lake 51.73 27 P, ILAR, Eielson Array 52.05 31 P, ILAR, Eielson Array 52.05 31 P, IL03, Eielson Array 52.07 31 P, BMAR, Burnt Mountain 53.00 28 P, BVAR, Borovoye Array 53.04 314 P, RAGM, Ragged Mountai 53.25 36 P, WBO, Warramunga Arr 53.75 189 P, WRD, Warramunga Arr 53.92 189 P, WB2, Warramunga Arr 53.92 189 P, WRA, Warramunga Arr 53.93 189 P, WRA, Warramunga Arr 53.93 189 P, BCAR, Beaver Creek A 54.38 33 P, KKAR, Karatay Array 55.09 302 P, XMIS, Christmas Is 55.89 225 P, IK30M, Miinto, Yukon 56.72 33 P, ARU, Arti 59.03 320 P, ARU, Arti 59.03 320 P, ABKAR, Akbulak array 60.31 312 P, FINES, FINESS Array B 71.83 333 P, RYN, Ryan 76.40 53 P, FCC, Fort Churchill 76.73 26 P, AKASG, Malin Array Be 77.07 323 P, NC204, NORSAR Array S 77.26 338 P, BR131, Keskin Array S 81.26 312 P, PV12, Saucer Basin, 82.83 48 P, TORD, Torodi Ar. Bea 119.84 314 PKP, GQSA, South Pole Qui 123.56 180 PKP, JMA 12 01:26:57.7-0.1, 35°6'N-139°3'E, 0.8, h146km, MV2.3/21, KANAGAWA PREF, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSD, Rainshed, KANH, HIL, HIL, HIL, HIL, MLH, Mauna Loa, STCH, Steam Cracks, NPOC, North of Pu'u, JCJUZ, Jacuzzi, HTC, Hot Caves, JOKA, Jonika Flow, HMH, Humu'ula Sheep, HMH, Mauna Loa Obs, MLOA, MLOA, MLOA, MLOA, MWH, Mokuaeowe, KHU, KHU, KHU, KHU, ALEP, Alea Permanent, POHA, Pohakuloa, POHA, POHA, HUH, Hualalai, CPH, Captain Cook, HPH, Hawaii Prepara

IDC 12 01:50:08.0-2.0, 17:38S-167:89E, h0km, mb4.0/4, mbmp3.9/5, ML3.0/1, MS3.2/2, Error ellipse: s-maj=46.6km s-min=34.2km az=70.0 NEIC 12 01:50:10.8-2.2, 17:40S:0.08-167:7E:0.1, h23km, 6km, mb4.2/4, Error ellipse: s-maj=20.8km s-min=10.2km az=103.0 NOU 12 01:50:12.2, 17:42S:168:04E, h23km, MLv4.1.9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DVP, Devils Point, LIFNC, LIFOU, LIFNC, LIFOU, KOUNC, Koumac, New Ca, KOUNC, Koumac, New Ca, YATNC, Mamie plateau, DZM, Mont Dzumac, DZM, Mont Dzumac, DZM, Mont Dzumac, ONTNC, Owen Torro, OUENC, Owen Island, N, OUENC, Owen Island, N, PINNC, Pines Island, PINNC, Pines Island, WBO, Warramunga Arr, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR, Alice Springs, GUMO, Guam, FITZ, Fitzroy Crossi, VNSA, Vanda, C18K, Amchitka, GQSA, South Pole Qui, GQSA, South Pole Qui, GQSA, South Pole Qui, SONM, Songino Array

IDC 12 02:13:04.6:2.4, 6.41S:130:64E, h0km, mb3.7/1, mbmp3.6/3, ML3.6/2, Error ellipse: s-maj=18.1km az=71.0, Banda Sea Code Station Name Az Az' Phase ID Time Res ISC h m s ISC WRA Warramunga Arr 13.93 165 P 02 16 24.0 +0.6 WRA Warramunga Arr 13.93 165 P 02 16 24.0 +0.6 WRA Warramunga Arr 13.93 165 P 02 16 24.0 +0.6 ASAR Alice Springs 17.44 170 P 02 17 09.1 -0.5 ASAR Alice Springs 17.44 170 P 02 17 09.1 -0.5 MKAR Makanchi Array 68.08 326 P 02 24 06.3 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EIDS, Eidsvold, QLP, Quijipe, WRO, Warramunga Arr, WBO, Warramunga Arr, WRAB, Tennant Creek, WB2, Warramunga Arr, WRA, Warramunga Arr, WRA, Warramunga Arr, MTN, Manton Dam, MTN, Manton Dam, MTN, Manton Dam, SWI, Sorong, INKA, Innaminka, CMSA, Cobar Meteorol, ASS1, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, H11N3, WAKE ISLAND Hy 27.43 23 T, H11S2, WAKE ISLAND Hy 27.43 23 T, H11S1, WAKE ISLAND Hy 27.44 23 T, WOLH, Wolloong Hat, STKA, Stephens Creek, STKA, Stephens Creek, STKA, Stephens Creek, STKA, Stephens Creek

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11N1, WAKE ISLAND Hy 28.61 23 T, H11N3, WAKE ISLAND Hy 28.62 23 T, H11N2, WAKE ISLAND Hy 28.63 23 T, FITZ, Fitzroy Crossi, BB00, Buckleboob, FORT, Forrest, MBWA, Marble Bar, MBWA, Marble Bar, PSA00, Pilbara Seismi, MORW, Morawa, CN2, Chagchun, BJT, Baijaitau, PEAD, Petropavlovsk, PETK, Petropavlovsk, PETK, Petropavlovsk, PHRA, Phra, CMAR, Chiang Mai, CASY, Casey, SONM, Songino Array, VNSA, Vanda, VNSA, Vanda, SBA, Scott Base, M16K, Timber Creek, K15K, Wolf Creek, K15K, CNPM, China Post, CAST, Castle Rocks, C18K, Utukok Rocks, E19K, Redstone River, D19K, Kuna River, G21K, Allakaket, MLY, Manley, ILAR, Eielson Array, B20K, Meade River, GQSA, South Pole Qui, GQSA, South Pole Qui, GQSA, South Pole Qui, GQSA, South Pole Qui, E22K, Anaktuvuk Pass, B21K, Ikpikpuk River, J25K, Salcha River, MKAR, Makanchi Array, MKAR, Makanchi Array, M27K, Edge Creek, ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, WHY, Whitehorse, E27K, Coleman River, E27K, Coleman River, KURBB, Kurchatov Arr, EPYK, Eagle Plains, NVAR, Mina Array Bea, NVAR, Mina Array Bea, BVAR, Borovoye Array, NOA, NORSAR Array B, EKA, Eskdalemuir Arr, TORD, Torodi Ar. Bea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DJA 12 02:21:31.2-0.7, 7:S:6:15:6E, h98km, 8km, M4, 6/9, mb4.5/1, mb4.6/9, MLV4.6/2, MW(MB)3.7/1, IDC 12 02:21:32.3-4.5, 6.65S:155:27E, h28km, 30km, mb3.9/13, mbmp4.1/14, ML4.2/1, MS3.5/5, Error ellipse: s-maj=26.2km s-min=16.8km az=96.0 NEIC 12 02:21:33.4:1.8, 6.87S:0.09:155:6E:0.1, h35km, 1km, mb4.6/4/1, Error ellipse: s-maj=20.0km s-min=14.2km IDC 12 02:21:33.1-0.5, 6.79S:0.07:155:55E:0.08, h35km, n82, c1540/80, mb4.6/34, MS3.4/3, Bougainville-Solomon Islands region Code Station Name Az Az' Phase ID Time Res ISC h m s ISC RABL Rabaul 4.24 307 P 02 22 39.9 +4.6 RABL Rabaul 4.24 307 P 02 22 39.9 +4.6 RABL Rabaul 4.24 307 P 02 22 39.9 +4.6 PMG Port Moresby 8.70 252 P 02 23 39.5 +2.9 PMG Port Moresby 8.70 252 P 02 23 39.5 +2.9 PMG Port Moresby 8.70 252 P 02 23 39.5 +2.9 COEN Coen 14.09 239 P 02 24 59.7 +2.1 COEN Coen 14.09 239 P 02 24 59.7 +2.1 TVIH Townsville Har 15.03 214 P 02 25 10.9 +2.9 MTSU Mount Surprise 15.71 223 P 02 25 18.0 +2.4 CTAO Charters Tower 16.00 213 I 02 25 17.1 -1.7 CTAO Charters Tower 16.00 213 I 02 25 17.1 -1.7 DZM Mont Dzumac 18.48 146 P 02 25 50.4 +3.8 DZM Mont Dzumac 18.48 146 P 02 25 50.4 +3.8 IDC 12 02:39:04.0:0.8, 14:39S:176:63W, h0km, mb3.8/8,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IMRD, MAHB, QABG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KRBS, KRBS, TKM2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like THL, THL, THL, etc.

SOME 12 03:46:27.8, 42°62'N-86°85'E, h35km
IDC 12 03:46:32.7, 1.1, 42°39'N-86°71'E, h0km, mb3.6/4,

NOA NORAS Array B 47.28 320 Pn
0.6nm, 0.7s, baz=172, slow=12, SNR=3.0

BUL 12 04:22:32.0, 0.0, 14°07'N-51°65'E, h10km, mb4.6/37,

NNC 12 03:46:37.0, 2.1, 42°61'N-86°54'E, h0km, mb4.2, mpv4.0,

OTUK Ortau 11.59 305 U/Lg
3.3nm, 0.7s

MOS 12 04:22:36.3, 1.6, 14°54'N-52°19'E, h11km, mb5.1/35,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KTMS, KTMS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GCMT, GCMT, etc.

TIR 12 03:49:41.4, 40°27'N-19°74'E, h24km, 1km, ML2.5,

ASAR Alice Springs 78.95 137 P
0.2nm, 0.6s, baz=343, slow=6.0, SNR=2.0

GCMT 12 04:22:36.0, 0.3, 14°66'N-0°15'51'E, h17km, 1km,

ATH 12 03:49:42.9, 40°34'N-19°70'E, h10km, 1km, ML2.3/8,

TORD Tordi Ar. Bea 77.56 276 P
0.4nm, 0.5s, baz=48, slow=6.0, SNR=8.2

NEIC 12 04:22:39.0, 1.9, 14°7N-0°15'52'E, 0.1, h10km, 1km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MK31, MK31, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like VLO, VLO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like OMAN, OMAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SRN, SRN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ISC 12 04:22:38.0, 1.4, 14°80'N-0°05'52'E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DJR, DJR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KASA, KASA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ABTO, ABTO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PDGK, PDGK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KBN, KBN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like RBK, RBK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PDGK, PDGK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IGT, IGT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SHLS, SHLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IGT, IGT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like UZB, UZB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SCTE, SCTE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like UZB, UZB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like NEST, NEST, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KNOS, KNOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TIR, TIR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SATY, SATY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like JAN, JAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BLB, BLB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PENT, PENT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KURS, KURS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KPRO, KPRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ARXS, ARXS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ARXS, ARXS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TNSS, TNSS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TNSS, TNSS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KTBS, KTBS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KTBS, KTBS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KUU, KUU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KST, KST, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FNA, FNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOK, DOK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, MK31 Makanchi Array, and H29M Whitestone.

GCJ 12 04:44:24.3.3.0, 16:73N-98:60W, h50km, MD5.1
IDC 12 04:45:07.2.0.0, 16:14N-95:27W, h9km, mb3.9/12,
mbmp3.9/15, MLL3.4/3, MS3.3/11, Error ellipse:
s-maj=17.7km s-min=11.5km az=87.0

MEX 12 04:45:08.6.0.4, 15:91N-95:19W, h49km, 15km, MD4.7
NEIC 12 04:45:10.4.1.9, 16:05N-0:08.95:18W, 0.03, h35km, 2km,
mb4.2/86, MD4.7/10(MEX), Error ellipse: s-maj=13.2km
s-min=3.9km az=6.0

CATAC 12 04:45:14.1.1.0, 15:93N-94:91W, h65km, 70km, MLL4.7
ISC 12 04:45:05.4.1.4, 15:96N-0:04.95:19W, 0.03, h1km, 9km,
n244, e23/335, mb4.2/32, MS3.3/8, Near coast of Oaxaca

Main table of station data for Oaxaca, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Residual. Lists numerous stations like HUIG Huatulco, CMIG Matias Romero, and others.

Main table of station data for Malinaltepec, including columns for Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Lists stations like MGIG Malinaltepec, HUEH Huehuetenango, and others.

Main table of station data for Tegucigalpa, including columns for Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Lists stations like TGUH Tegucigalpa, GTIG Gomez Farias, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Wickenburg, Mesa Verde, Santo Domingo, Snowmass, Hualapai Mount, etc.

SJA 12 04:47:37.4, 0.7, 23.42S:66.83W, h234km, 4km, MLL3.4, MW3.5
GUC 12 04:47:41.2, 0.5, 23.41S:66.95W, h214km, 6km, MLL3.8
ISC 12 04:47:37.0-1.7, 23.44S:0.04-66.87W, 0.04, h236km, 13km, n33, i158/52, 2C-10, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Pedro de A, Yavi, San Lorenzo, Zapla, Limon Verde, Santa Barbara, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Copiap, IDC 12 04:53:58.6, NEIC 12 04:53:59.0, NOU 12 04:54:04.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ryan, Mina Array Bea, Gold Mountain, Pah Ranch, Mina Array Sit, etc.

12d 5h

MGMO Mountain Grove 94.50 53 P P 05 07 13.4 +2.6
BVAR Borovoye Array 119.39 321 PKP PKIKP 05 12 39.9 +0.9
CLL Collin 146.25 352 i PKPb PKIKP 05 13 32.0 -1.3

NEIC 12 05:25:15.6s-0.8, 19°40'N-0°00'8.155°27'21W-0°00'5.15km, 1km, Error ellipse: s-maj=2.5km s-min=1.5km az=135.0

HVO 12 05:25:15.8s-0.8, 19°39'N-0°00'8.155°27'1W-0°00'7.10km, 5km, ML2.8/42, ML2.6/44(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=161.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like RIM, SDHL, OBL, HATHI, UWB, SBLH, UWE, PUH, RSD, KNH, HLP, STCH, MLH, NPOC, JUJZ, HTC, JOKA, HMH, MLOA, MWH, PAH, KHU, POHA, HUH, HPAH, MHA.

TAP 12 05:27:11.7, 25.14N:120°55'E, h28km, ML3.0, B, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like NHW, SBCB, NCUH, NMLH, LIOB, NSTT, NFF, TWS1, NTST, TWQ1, NSK, YHNB, YM01, WHP, NWLT, TWA, TWY, FUSB, NNS, NNSB, NNSB.

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Table with columns: TDCB, ENTT, ENTT, TWT, LATG, LATG, FUSS, FUSS, TWE, TWE, WFSB, WFSB, WCS, WCS, MATB, MATB, TIPB, TIPB, NDS, NDS, WHF, WHF, SX11, SX11, CHGB, CHGB, WUSB, WUSB, TYC, TYC, PTMZ, PTMZ, TWB1, TWB1, NACB, NACB, VVWD, VVWD, LYJY, LYJY.

TAP 12 05:27:20.0, 25.16N:120°55'E, h22km, ML3.1, D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like NHW, NHW, HSN, HSN, SBCB, SBCB, SBCB, SBCB, NJN, NJN, NCUH, NCUH, NCUH, NCUH, NMLH, NMLH, LIOB, LIOB, NSTT, NSTT, NFF, NFF, NSY, NSY, TWS1, TWS1, WDJ, WDJ, WDJ, WDJ, NTST, NTST, TWQ1, TWQ1, TWQ1, TWQ1, TAP, TAP, TAP, TAP, NSK, NSK, ANP, ANP, YHNB, YHNB, NHDH, NHDH, YM01, YM01, YM01, YM01, NWLT, NWLT, YM08, YM08, YM08, YM08, WHP, WHP, TWA, TWA, TWY, TWY, TCU, TCU.

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Table with columns: FUSB, FUSB, NNS, NNS, NNS, NNS, NNSB, NNSB, NNSB, NNSB, ENTT, ENTT, TDCB, TDCB, LATG, LATG, FUSB, FUSB, FUSB, FUSB, WFSB, WFSB, MATB, MATB, WCS, WCS, WCS, WCS, TIPB, TIPB, NDS, NDS, WHF, WHF, WHF, WHF, SX11, SX11, CHGB, CHGB, CHGB, CHGB, WUSB, WUSB, WUSB, WUSB, TYC, TYC, TYC, TYC, WNT, WNT, TWC, TWC, PTMZ, PTMZ, PTMZ, PTMZ, SMLT, SMLT, SMLT, SMLT, TWB1, TWB1, TWB1, TWB1, EWUT, EWUT, OWD, OWD, NACB, NACB, SSLB, SSLB, SSLB, SSLB, TWD, TWD, ETM, ETM, WHYT, WHYT, VVWD, VVWD, LYJY, LYJY, WARBT, WARBT, SHUL, SHUL, MHZQ, MHZQ, EOS2, EOS2, WCKO, WCKO, EHY, EHY, XPSS, XPSS, TWK, TWK, YULB, YULB, WTP, WTP.

IDC 12 05:47:26.0, 3.0, 7.56S, 118°35'E, h0km, mb3.3/2, mbtmp3.4/3, ML3.7/1, MS3.0/1, Error ellipse: s-maj=27.1km s-min=26.1km sz=51.0

DJA 12 05:47:54.9, 0.4, 8°5'S, 111°9'E, h279km, 5km, M4.0/12, mb4.3/5, mb4.9/4, MLV3.8/12, Mw(mb)4.2/4

ISC 12 05:47:55.1, 1.0, 7.65S, 0°1'19'21E, 0.09, h300km, m16, c155/16, Flores Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like PLAI, PLAI, BKSI, BKSI, TWSI, TWSI, EDPI, EDPI, GASI, GASI, SRBI, SRBI, IGBI, IGBI, JAGI, JAGI, BATI, BATI, SOEI, SOEI, UGM, UGM, CNJI, CNJI, DAV, DAV, WRA, WRA.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like KUZ, HJZ, MORW, etc.

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

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like BTO, HEH, PPT, etc.

Table with columns for station ID, name, frequency, power, antenna, and other technical details. Includes stations like YAK, UNV, IRK, MOY, CCD, VNA, VNA, VNA, VNA, VNA, CHNA, S14K, BILL, BILL, BILL, HYB, WMQ, GAMB, M13K, O14K, CHIR, K13K, O15K, M14K, M14K, L14K, N15K, M15K, P16K, J14K, J14K, SII, SII, L15K, O16K, Q17K, N16K, K15K, R18K, P17K, O17K, M16K, M16K, ANK, ANK, OHAK, OHAK, N17K, F14K, P18K, ZSN, ZSN, ZSN, M17K, M17K, J16K, J16K, O18K, G15K, KDAK, KDAK, L17K, Q19K, N18K, N18K, F15K, F15K, H16K, H16K, I17K, I17K, TIXI, TIXI, TIXI, K17K, K17K, Q20K.

Table with columns for station ID, name, frequency, power, antenna, and other technical details. Includes stations like J17K, J17K, M18K, P19K, P19K, L18K, L18K, L18K, G16K, G16K, N19K, N19K, ILSW, ILSW, O20K, O20K, MK31, MK31, MKAR, MKAR, MKAR, MKAR, H17K, H17K, H17K, G17K, G17K, L19K, L19K, L19K, MAKZ, MAKZ, MAKZ, MAKZ, M19K, M19K, J18K, J18K, CNPM, CNPM, F17K, F17K, BRSE, BRSE, C16K, C16K, H18K, H18K, M20K, M20K, L20K, L20K, SHLS, SHLS, SHLS, SHLS, D17K, D17K, GCSA, GCSA, J19K, J19K, G18K, G18K, UZB, UZB, UZB, UZB, ZALV, ZALV, ZALV, ZALV, F18K, F18K, RDOG, RDOG, RDOG, PRZ, PRZ, SEW, SEW, C17K, C17K, SKT, SKT, O22K, O22K, E18K, E18K, SATY, SATY, SATY, SATY, ZHN, ZHN, ZHN, ZHN, H19K, H19K, H19K, J20K, J20K, PPLA, PPLA, RCO1, RCO1, G19K, G19K, G19K, I20K, I20K, I20K, M22K, M22K, CAST, CAST, TDK, TDK, TDK, C18K, C18K, H20K, H20K, CHUM, CHUM, ARXS, ARXS, PMR, PMR, P23K, P23K, KSH, KSH, KSH, B18K, B18K, B18K, MDOK, MDOK.

Table with columns for station ID, name, frequency, power, antenna, and other technical details. Includes stations like MDOK, MDOK, E19K, E19K, E19K, TNSS, TNSS, TNSS, SEM, SEM, SEM, SML, SML, SML, CHKK, CHKK, F20K, F20K, BPAW, BPAW, GLI, GLI, ULHL, ULHL, C19K, C19K, C19K, D19K, D19K, H21K, H21K, I21K, I21K, WAT1, WAT1, BOOM, BOOM, SCM, SCM, NIL, NIL, NIL, NIL, G21K, G21K, A19K, A19K, KUU, KUU, KUU, KUU, EYAK, EYAK, RND, RND, WAT6, WAT6, E20K, E20K, MLY, MLY, MCK, MCK, D20K, D20K, TKM2, TKM2, TKM2, H22K, H22K, F21K, F21K, KLU, KLU, KAIM, KAIM, KURK, KURK, KURK, KURK, KURB, KURB, KURB, KURB, DHY, DHY, NEA2, NEA2, NEA2, M24K, M24K, KBK, KBK, I23K, I23K, BMRM, BMRM, G22K, G22K, WRH, WRH, UCH, UCH, B20K, B20K, B20K, CHMS, CHMS, E21K, E21K, F22K, F22K, H23K, H23K, H23K, AAK, AAK, AAK, AAK, N25K, N25K, N25K, C21K, C21K, SGDS, SGDS, SGDS, HARP, HARP, USP, USP, COLA, COLA, COLA, COLA, PAX, PAX, G23K, G23K, G23K, HDA, HDA.

12d 6h

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GLB Gilahina Butte, B21K Ikipuk River, E22K Anaktuk Pass, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HYT Haines Junction, BRZS Berezinski, BRZS KK31 Karatay Array, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T35M Bob Quinn, R33M Jennings River, R33M Jennings River, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BELA Belgrano 2, RCN Big Chuckawall, R11B Troy Canyon, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRAL Brewton, W50A Signal Mount, P52A Corning, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SHEL Horse Pasture, TOAD Torodi Ar. Sit, TORO Torodi Ar. Bea, etc.

NEIC 12 06:54.19.0t.1.5. 19367N:0.008-155:285W:0.009, h7km, 1km Error ellipse: s-maj=1.3km s-min=1.1km az=129.0

HVO 12 06:54:18.7d.0.8. 19400N:0.008-155:276W:0.009, h1km, 1km, ML3.5/15, ML2.6/28(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=184.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RIM Rim, KKO Keanakakoi, OBL Observatory Le, etc.

NEIC 12 06:36:55.4.1.6. 107S:0.2-9:W:0.2, h10km, 2km, mb4.9/85, Error ellipse: s-maj=42.8km s-min=4.5km az=42.0, Ascension Island region

12d 8h

JAGI	Jajag, Banyuwya	6.67	96	P	Pn	07 07 08.7 +0.6
JAGI	Jajag, Banyuwya	6.67	96	P	Pn	07 07 08.0 -0.1
SRBI	Singaraja	7.70	92	P	Pn	07 07 22.4 +0.2
PPSI	Pulau Pagai	8.95	304	P	Pn	07 07 38.8 -0.4
FITZ	Fitzroy Crossi	20.44	122	P	P	07 10 07.8 +0.8
H01W3	Cape Leeuwin H	27.62	168	T	T	07 40 52.7
H01W1	Cape Leeuwin H	27.64	168	T	T	07 40 49.0
H01W2	Cape Leeuwin H	27.64	168	T	T	07 40 50.9
WBO	Warramunga Arr	28.69	117	P	P	07 11 28.1 +1.7
WBO	Warramunga Arr	28.69	117	P	Iamb	07 12 05.3
WRA	Warramunga Arr	28.70	118	P	P	07 11 27.3 +0.8
WRA	Warramunga Arr	28.70	118	P	PcP	07 14 35.4 -1.3
WB2	Warramunga Arr	28.71	118	P	Iamb	07 11 27.0 +0.4
WB2	Warramunga Arr	28.71	118	P	Iamb	07 11 38.3
WR0	Warramunga Arr	28.88	117	P	P	07 11 29.0 +0.8
WR0	Warramunga Arr	28.88	117	P	Iamb	07 11 50.0
ASAR	Alice Springs	29.86	125	P	P	07 11 37.5 +0.7
H08S2	Diego Garcia H	34.62	268	T	T	07 49 17.1
H08S3	Diego Garcia H	34.63	268	T	T	07 48 59.6
H08S1	Diego Garcia H	34.64	268	T	T	07 49 01.2
STKA	Stephens Creek	39.77	132	P	P	07 13 02.4 +0.3
STKA	Stephens Creek	39.77	132	P	P	07 13 02.4 +0.6
SOMN	Songino Array	55.42	359	PcP	PcP	07 16 00.8 -2.7
MKAR	Makanchi Array	58.81	340	P	P	07 15 25.1 -2.2
MKAR	Makanchi Array	58.81	340	P	P	07 15 24.7 -2.6
H04N2	CROZET ISLANDS	60.93	221	T	T	08 22 21.9
H04N1	CROZET ISLANDS	60.94	221	T	T	08 22 23.0
H04N3	CROZET ISLANDS	60.95	221	T	T	08 22 20.8
H04S1	CROZET ISLANDS	61.10	220	T	T	08 22 19.1
H04S3	CROZET ISLANDS	61.11	220	T	T	08 22 18.4
H04S2	CROZET ISLANDS	61.12	220	T	T	08 22 20.0
KURB	Kurchatov Arra	63.37	340	P	P	07 15 55.5 -2.6
KURBB	Kurchatov Arra	63.37	340	P	PcP	07 16 32.5 -2.4
ZALV	Zalesovo Beam	64.44	345	P	P	07 16 01.9 -3.1
BVAR	Borovoye Array B	68.29	337	P	P	07 16 27.2 -2.6
BVAR	Borovoye Array B	68.29	337	P	LR	07 50 06.2
ABKAR	Abkudak array	70.34	329	P	P	07 16 40.2 -2.3
ABKAR	Abkudak array	70.34	329	P	Iamb	07 16 55.7
ABKAR	Abkudak array	70.34	329	P	P	07 16 39.7 -2.8
VNDA	Vanda	78.08	169	P	P	07 17 10.7 +0.4
VNDA	Vanda	78.08	169	P	Iamb	07 17 46.8
VNDA	Vanda	78.08	169	P	P	07 17 10.9 +0.6
QSPA	South Pole Qui	82.17	180	P	P	07 17 49.8 +0.1
QSPA	South Pole Qui	82.17	180	P	P	07 17 50.2 +0.6
SNAAS	Sanae	88.87	197	P	P	07 18 24.3 +1.5
SNAAS	Sanae	88.87	197	P	P	07 18 23.9 +1.0
ARCES	ARCES Array B	94.46	340	P	P	07 18 46.3 -2.3
TXAR	Lajitas Array	143.77	50	PKP	PKPab	07 25 03.0 +1.4
BDFB	Brasilias	146.31	226	PKB	PKPdf	07 25 09.6 +0.1

TRN 1207:50:33.6, 10:46N:62:34W, h0km, MD3.5, Gulf of Paria.
 FUNV 1207:50:34.0, 10:38N:62:27W, h2km, MW3.0
 ISC 1207:52:32.8, 1.0, 10:32N:0.05:62:32W:0.03, h10km, n16,
 r=1524/23, Near coast of Venezuela

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
TCE	Chacachacare	0.68	56	eP	Pg	07 50 45.5 -0.4
TPP	Pointe-a-Pierre	0.86	90	eP	Pg	07 50 51.5 +0.6
TRN	Trinidad (W)	0.96	70	eP	Pg	07 50 50.7 -0.6
CRUV	Carupano	0.97	292	eS	Pg	07 50 50.9 -0.6
CRUV	Carupano	0.97	292	eP	Pg	07 51 05.1 +1.0
GRFF	Grenada Fort F	1.81	18	eP	Pb	07 51 05.2 -0.9
GRGR	Grenville	1.92	20	eP	Pn	07 51 06.5 +0.9
GRCS	Grenville	1.92	20	eS	Pn	07 51 29.9 +0.1
GRHS	Sauteurs	2.01	19	eP	Pn	07 51 07.8 +1.0
GRHS	Sauteurs	2.01	19	eS	Pn	07 51 31.6 -0.4
PCRV	Puerto La Cruz	2.28	267	eP	Pn	07 51 12.5 +1.9
GOMP	Grenada, Carri	2.33	22	eP	Pn	07 51 12.8 +1.6
LUEV	Luepa	4.53	169	eP	Sn	07 51 39.9 0.0
LUEV	Luepa	4.53	169	eS	Pn	07 51 43.1 +1.6
TACV	Tcata	4.63	268	eP	Sn	07 52 33.9 -0.5
CACV	CAICARA DEL OR	4.98	237	eP	Pn	07 51 44.7 +1.7
CACV	CAICARA DEL OR	4.98	237	eS	Pn	07 51 44.1 -3.6
BENV	Bein	5.21	267	eP	Pn	07 52 35.7 -1.0
BENV	Bein	5.21	267	eS	Pn	07 52 52.2 +1.3
TURV	Turiamo	5.43	272	eP	Pn	07 52 50.3 -0.8
TURV	Turiamo	5.43	272	eS	Pn	07 51 55.3 +1.4
BAUV	Ei Baul	5.80	257	eP	Sn	07 52 54.8 -1.7
BAUV	Ei Baul	5.80	257	eS	Sn	07 52 00.2 +1.2
BAUV	Ei Baul	5.80	257	eS	Sn	07 53 03.5 -2.2

NEIC 12 08:08:17.8, 1.4, 19:383N:0:009:155:28W:0:01,
 h1km,4km, Error ellipse: s-maj=1.6km s-min=1.3km
 az=120.0

HVO 12 08:08:17.1, 0.7, 19:416N:0:007:155:274W:0:009,
 h1km,2km, ML3.0/13, ML1.9/28(NEIC), Error ellipse:
 s-maj=1.2km s-min=0.9km az=58.0, Hawaiian Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
UWB	Uwekahuna B	0.01	335	Op	Pg	08 08 12.0 +0.7
OBL	Observatory Le	0.01	277	Op	Pg	08 08 18.4 +0.9
SBLHI	Steaming Bluff	0.01	27	Op	Pg	08 08 18.6 +1.0
BYL	Byron's Ledge	0.01	108	Op	Pg	08 08 17.9 +0.4
BYL	Byron's Ledge	0.01	108	Op	Sg	08 08 18.4 +0.6
HATHI	Halema'uma'u T	0.01	61	Op	Pg	08 08 17.8 +0.3
HATHI	Halema'uma'u T	0.01	61	Op	Sg	08 08 18.0 +0.6
UWE	Uwekahuna	0.02	285	IAML	Pg	08 08 18.0 +0.4
KKO	Keanakakō'i	0.02	158	Op	Sg	08 08 18.8 +0.8
RIM	Rim	0.02	181	Op	Pg	08 08 19.1 +1.4
SDHHI	Sand Hill	0.03	216	Op	Pg	08 08 19.4 +1.7
RSD	Rainedhed	0.05	355	Op	Pg	08 08 18.5 +0.5
RSD	Rainedhed	0.05	355	Op	IAML	08 08 18.9
RSD	Rainedhed	0.05	355	Op	IAML	08 08 19.3
RSD	Rainedhed	0.05	355	Op	Pg	08 08 20.0 +1.3
PUH	Pauahi	0.07	128	Op	Pg	08 08 19.4 +0.9
PUH	Pauahi	0.07	128	Op	IAML	08 08 20.1

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PUH	comp=N,887nm,1.3m			IAML	08 08 20.3	
KNHH	Kane Nui o Ham	0.10	110	Op	Pg	08 08 20.1 +1.0
HLP	Hilina Pali	0.12	195	Op	Pg	08 08 20.1 +0.6
HLP	Hilina Pali	0.12	195	Op	IAML	08 08 21.5
HLP	comp=N,869nm,0.9s			IAML	08 08 23.1	
MLH	Mauna Loa	0.13	306	Op	Pg	08 08 20.7 +1.0
MLH	Mauna Loa	0.13	306	Op	IAML	08 08 23.9
MLH	comp=E,1.1um,0.3s			IAML	08 08 24.3	
MLH	comp=N,1.1um,0.3s			IAML	08 08 20.6 +0.7	
STCH	Steam Cracks	0.14	102	Op	Pg	08 08 23.6
STCH	Steam Cracks	0.14	102	Op	IAML	08 08 24.5
JOKA	comp=N,580nm,1.1s			IAML	08 08 26.5	
JOKA	Jonika Flow	0.26	86	Op	Sg	08 08 26.7 +1.4
JOKA	Jonika Flow	0.26	86	Op	Pg	08 08 22.2 +0.2
JOKA	Jonika Flow	0.26	86	Op	IAML	08 08 26.9
JOKA	comp=E,443nm,1.0s			IAML	08 08 26.9	
JOKA	comp=N,707nm,0.9s			IAML	08 08 26.9	
HMH	Humu'ula Sheep	0.27	313	Op	Pg	08 08 22.9 +0.6
HMH	Humu'ula Sheep	0.27	313	Op	IAML	08 08 30.5
HMH	comp=E,263nm,0.6s			IAML	08 08 31.0	
MWH	Moku'awewe	0.31	283	Op	Pg	08 08 23.8 +0.7
MWH	Moku'awewe	0.31	283	Op	IAML	08 08 31.1
MWH	comp=E,468nm,0.7s			IAML	08 08 34.4	
KHU	Kahuku	0.36	242	Op	Pg	08 08 24.7 +0.7
ALEP	Alea Permanent	0.37	290	Op	Pg	08 08 24.6 +0.4
HPO	Honauapo	0.42	219	Op	Pg	08 08 23.9 -1.3
HUH	Hualalai	0.59	297	Op	Pg	08 08 29.6 -0.8

NEIC 12 08:23:48.0, 1.0, 19:417N:0:006:155:254W:0:007,
 h2km,2km, Error ellipse: s-maj=1.0km s-min=0.9km
 az=125.0

HVO 12 08:23:47.2, 1.0, 19:409N:0:007:155:263W:0:007,
 h1km,4km, ML3.0/43, ML3.0/45(NEIC), Error ellipse:
 s-maj=1.1km s-min=0.9km az=196.0, Hawaiian Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BYL	Byron's Ledge	0.00	41	Op	Pg	08 23 47.9 +0.2
BYL	Byron's Ledge	0.00	41	Op	Sg	08 23 48.5 +0.6
HATHI	Halema'uma'u T	0.01	8	Op	Pg	08 23 48.0 +0.4
HATHI	Halema'uma'u T	0.01	8	Op	Sg	08 23 48.7 +0.6
RIM	Rim	0.02	218	Op	Pg	08 23 48.8 +1.1
SBLHI	Steaming Bluff	0.02	318	Op	Pg	08 23 48.7 +1.0
UWB	Uwekahuna B	0.02	318	Op	Pg	08 23 48.9 +1.2
OBL	Observatory Le	0.02	294	Op	Pg	08 23 49.2 +1.5
UWE	Uwekahuna	0.03	294	Op	Pg	08 23 48.4 +0.5
SDHHI	Sand Hill	0.04	237	Op	Sg	08 23 49.3 +1.7
PUH	Pauahi	0.06	128	Op	Pg	08 23 49.2 +0.9
PUH	Pauahi	0.06	128	Op	IAML	08 23 49.7
PUH	comp=N,8um,0.4s			IAML	08 23 50.0	
RSD	Rainedhed	0.06	345	Op	Pg	08 23 48.9 +0.6
RSD	Rainedhed	0.06	345	Op	Sg	08 23 50.4 +1.3
KNHH	Kane Nui o Ham	0.09	108	Op	Pg	08 23 49.9 +0.9
HLP	Hilina Pali	0.12	201	Op	Pg	08 23 50.4 +0.9
HLP	Hilina Pali	0.12	201	Op	IAML	08 23 53.4
HLP	comp=N,8um,1.0s			IAML	08 23 53.5	
HLP	comp=N,8um,0.9s			IAML	08 23 53.5	
STCH	Steam Cracks	0.13	100	Op	Pg	08 23 50.5 +0.8
STCH	Steam Cracks	0.13	100	Op	IAML	08 23 53.4
STCH	comp=N,9um,0.5s			IAML	08 23 53.6	
MLH	Mauna Loa	0.14	306	Op	Pg	08 23 51.1 +1.1
MLH	Mauna Loa	0.14	306	Op	IAML	08 23 54.6
MLH	comp=N,9um,0.8s			IAML	08 23 54.8	
MLH	comp=N,9um,0.8s			IAML	08 23 54.8	
NPOC	North of Pu'u	0.15	96	Op	Pg	08 23 50.8 +0.8
JUZ	Jacuz	0.15	99	Op	Pg	08 23 49.9 +0.8
HTC	Hot Caves	0.21	217	Op	Pg	08 23 52.1 +0.9
JOKA	Jonika Flow	0.24				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like San Pablo de B, Chingaza, El Rosal, La Rusia, Cruz Verde, etc.

NAO 12 08:45:10.6, 34:79N; 26:83E, h33km, mb3.9
ISC 12 08:45:12.6, 34:71N; 25:08E, h15km, ML3.4/27
IDC 12 08:45:13.4, 1.6, 34:72N; 24:97E, h2km, 10km, mb3.8/15

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Timbaki Herakl, Kastelli Herak, Anofia, etc.

Table with columns: ZKR, Zakros, IMMV, Iera Moni Meta, etc. Includes stations like Zakros, Iera Moni Meta, Chania, etc.

Table with columns: NOA, NORSP Array B, EKA, Eskaalemir Ar, etc. Includes stations like NORSP Array B, Eskaalemir Ar, Dimbokro, etc.

12h 9h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Humu'ula Sheep, Mauna Loa Obs, Moku'aweo, etc.

IDC 12 08:56:37.7z:16.0, 17:86N:82:53W, h0km, mb2.81, mbtm2.9, MS2.5, Error ellipse: s-maj=817.6km s-min=61.6km az=50.0

JSN 12:05:56:57.3z:0.4, 18:75N:80:07W, h6km, g9gkm ISC 12 08:56:39.2z:1.4, 18:68N:0.6:81.7W:0.2, h35km, n8, r0526/6, North of Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mount Denham, Saint Hill, Tepich, Santo Domingo, etc.

KRSC 12 09:01:18.1z:1.4, 4.56:15N:163.72E, h16km, 14km, MI3.8, Near east coast of Kamchatka Peninsula

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

DJA 12 09:09:04.0z:1.0-5.3, N6:12'E, h55km, 26km, M4.0/1.2, mb4.2/4, mb4.7/2, MLV3.9/12, Mw(mb)3.9/2, Halmahera

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

NEIC 12 09:15:43.9z:1.2, 19:417N:0:009:155:271W:0:007, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km az=202.0

HVO 12 09:15:44.3z:1.2, 19:417N:0:005:155:272W:0:008, h1km, 2km, ML2.7/9, ML1.7/27(NEIC), Error ellipse: s-maj=1.0km s-min=0.7km az=98.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UWB Uwekahuna B, SBLH Steaming Bluff, etc.

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STR 12 09:33:38.1z:0.9, 49°N:1°W, h0km, MLV2.0/7, Error ellipse: s-maj=0.0km s-min=0.0km az=101.5, preliminary, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUT Gutenstein, BABA Baden-Baden-Ne, etc.

RSNC 12 09:35:00.1z:0.0, 1°N:3°W, h6km, 4km, M4.4, mb4.9, mb5.1, ML3.8, Mw(mb)4.5

IGQ 12 09:35:22.5z:0.6, 1°N:3°W, h10km, M4.5/10, mb4.6/12, Mw4.9/10, Error ellipse: s-maj=7.5km s-min=5.3km az=159.0, Moment Tensor Solution.

MEIC 12 09:35:25.5z:2.1, 1°07'N:0°05'W, h12km, 3km, Moment tensor: Scale 10^16Nm; Mr:-1.61; Mw:2.00; Mw>0.40; Mw<2.35; Mw<0.81; Mw<0.54; Fault plane solution: M<3.14000x10^16 NP1:phi66.40000; delta19.59000; lambda-99.84000. NP2:phi256.83000; delta70.71000; lambda-86.52000. Principal axes: T 3.4057, P1g26.0000; Azm344.0000; N -0.6364, P1g3.0000; Azm76.0000; P 2.7693, P1g64.0000; Azm172.0000.

VAO 12 09:35:26.2z:0.1, 1°15'N:7°14'W, h10km, mb4.5 NEIC 12 09:35:26.7z:1.0, 8N:5W, h56km, 20km, mb3.8/13, mbtm4.2/18, ML3.4/5, MS3.9/45, Error ellipse: s-maj=21.4km s-min=13.3km az=71.0

ISC 12 09:35:24.6z:0.9, 1°12'N:0°02'W, h7km, 6km, n319, r1551/284, mb4.6/63, MS3.9/39, 1D, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GCUF Volcan Galeras, ATLC Ecuador-Tulcan, etc.

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Table with columns: PRAC, MACC, URM, ANIL, PLMC, GUYC, CVU2, CVER, VILC, ROSC, etc. Includes stations like Prado, Macarena, Meta, La Uribe, Santa Ana, etc.

Table with columns for station code, name, coordinates, and other data. Includes stations like Matias Romero, Porto dos Gac, Pontes e Lacer, etc.

Table with columns for station code, name, coordinates, and other data. Includes stations like Pearl Lake, Yreka Blue Hor, Frobrisher Bay, etc.

Table with columns for station code, name, coordinates, and other data. Includes stations like Rainshed, Kane Nui o Ham, Mokuaweowe, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kane Nui o Ham, Hilina Pali, Mauna Loa, Steam Cracks, etc.

NEIC 12 10:05:02.5+1.1, 19°42'N, 0°10'10.155°287W, 0°006, h5km, 1km, Error ellipse: s-maj=2.5km s-min=1.7km az=120.0

HVO 12 10:05:02.4+1.3, 19°41'5N, 0°00'7.155°276W, 0°007, h1km, 4km, ML3.5/11, ML2.5/29(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=218.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Observatory Le, Uwekahuna B, Steaming Bluff, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kane Nui o Ham, Hilina Pali, Mauna Loa, Steam Cracks, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kane Nui o Ham, Hilina Pali, Mauna Loa, Steam Cracks, etc.

EAF 12 10:24:48.2+1.3, 21°10'S, 167°18'E, h10km, MD3.8 BUL 12 10:24:47.5+0.5, 21°11'S, 167°23'E, h10km, MD4.1, Mozambique

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHIPINGE, MOPANI, MOPAN, etc.

IDC 12 10:28:21.6+1.6, 13°44'S, 167°92'E, h0km, mb3.9/6, mbtmp4.07, ML4.1/1, Error ellipse: s-maj=41.3km s-min=30.5km az=160.0

NEIC 12 10:28:23.0+0.8, 13°28'S, 0°07'167°97'E, 0°09, h10km, 1km, mb4.5/10, Error ellipse: s-maj=16.2km s-min=10.7km az=68.0

NOU 12 10:28:44.7+1.6, 14°69'S, 167°50'E, h145km, mb3.9/10, Vanuatu Islands

ISC 12 10:28:26.1+0.7, 13°34'S, 0°10'167°92'E, 0°09, h35km, n38, 41933/4, mb4.2/9, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Devils Point, LIFOU, KOUNC, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Pines Island, Noniava, Afi, etc.

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

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

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

JMA 12 10:31:45.8+0.3, 37°N, 1°14'E, h41km, MV3.6/24, FAR E OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ishinomakikobu, Ouri, Kesenumamotoy, etc.

NEIC 12 10:33:07.1+1.1, 19°40'N, 0°00'7.155°288W, 0°006, h5km, Error ellipse: s-maj=1.4km s-min=1.2km az=322.0

HVO 12 10:33:06.7+1.1, 19°40'N, 0°00'4.155°274W, 0°007, h2km, 3km, ML3.9/12, ML3.5/39(NEIC), Error ellipse: s-maj=0.9km s-min=0.5km az=84.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Rim, KKO, BYL, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like North of Pu'u, Jacuzzi, Hot Caves, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Humu'ula Sheep, Humu'ula Sheep, Humu'ula Sheep, etc.

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

IDC 12 10:36:18.4+10.0, 20°69'S, 173°38'W, h0km, mb4.0/3, mbtmp4.04, ML3.6/1, Error ellipse: s-maj=194.9km s-min=153.9km az=33.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Mont Dzumac, Stephens Creek, Alice Springs, etc.

SOME 12 10:59:02.0, 44°68'N, 82°08'E, h25km NNC 12 10:59:04.6+0.5, 44°78'N, 81°80'E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=7.1km s-min=2.7km az=120.0, Suspected Mining explosion.

ISC 12 10:59:00.5+1.4, 44°72'N, 0°06'82.01E, 0°08, h0km, n7, 4065/14, 1C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Jarkent, Ketsmen, Kapsalaras, etc.

HEL 12 11:02:20.0+0.0, 63°81'N, 22°90'E, h0km, ML1.1, Explosion IDC 12 11:02:21.2+1.9, 63°89'N, 23°44'E, h0km, mbtmp2.5/2, ML1.9/2, Error ellipse: s-maj=44.2km s-min=10.4km az=80.0

ISC 12 11:02:18.1+0.8, 63°77'N, 0°02'22.89E, 0°03, h0km, n24, 41918/35, Finland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ulkokalla, Ylistaro, Merjarvi, etc.

UMAU Umeaa 0.99 278 eP Pb 11 02 37.9 -0.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Umeaa, Merjarvi, Burvik, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Humusumainen, Keuruu, Oulu, etc.

MDD 12 11:09:59.7+0.4, 36°04'N, 10°51'W, h36km, 9km, mb 1.94, 1/57, Error ellipse: s-maj=3.3km s-min=2.2km az=92.0

CNRM 12 11:09:59.2+35.94N, 10°43'W, h40km, ML3.9 LDG 12 11:10:01.1+0.2, 36°11'N, 10°44'W, h25km, M13.9/5, Error ellipse: s-maj=3.2km s-min=2.9km az=47.0

IGIL 12 11:10:01.9, 36°07'N, 10°35'W, h32km, ML3.7 INMG 12 11:10:02.3+1.4, 36°10'N, 10°35'W, h32km, ML3.6, Error ellipse: s-maj=10.1km s-min=3.1km az=59.0

ISC 12 11:09:57.3+1.6, 36°11'N, 0°04'10.34E, 0°05, h24km, 14km, n118, 2829/201, 6C-1D, Azores-Cape St. Vincent Ridge

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like MORF Marneleto, PTEO Sao Teotonio, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like EADA Adamuz, EADA Sierra Gorda, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like JOT Ohata, JMK Ichinoseki, etc.

12d 11h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like SDCO Great Sand Dun, SD30 Great Sand Dun, J30M Hart River, etc.

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Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like POST Post, C21K Knifeblade Rid, F30M Barrier River, etc.

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Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like CGM3 Cape Girardeau, P43A Skaggs, Pawnee, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM, ASAR, SDV, SPITS, NNA, XAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRIB Mitchell Dam, HDB Naden, BAIB Barry Inlet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHO Shikotan, ERM Ermo, JTRK Abashiri-Toko, etc.

PGC 12 12:36:25.0±0.3, 53.14N-132.78W, h26km, ML3.4/21, ML3.5/21, 65km west of Sandpit, Bc Haida Gwaii Region, Queen Charlotte Islands region

12d 12h

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Table with columns for station code, name, elevation, and various data points. Includes stations like YAKUTSK, NANJING, HU-HO-HAO-TE, BAOTOU, ADK, ULN, SSSLB, YULB, SONMI, TWG, H11N2, H11N1, H11N3, ZAK, H11S1, H11S3, H11S2, SPIA, LZH, UNV, GTA, GYA, S12K, G15K, M14K, C16K, K15K, G16K, D17K, C17K, S14K, E17K, PATS, CNBA, G17K, L16K, M16K, H17K, J17K, E18K, C18K, O16K, L17K, K17K, G18K, G18K, G18K, H18K, C19K, C19K.

Table with columns for station code, name, elevation, and various data points. Includes stations like C19K, F19K, J18K, J18K, PZH, PZH, G19K, G19K, D19K, D19K, D19K, E19K, E19K, H19K, H19K, J19K, J19K, J19K, D20K, L19K, F20K, F20K, E20K, B20K, B20K, H20K, I20K, I20K, A21K, C21K, B21K, B21K, G21K, G21K, P19K, E21K, E21K, F21K, F21K, A22K, ZAAU, ZAAU, OHAK, H21K, H21K, O20K, CAST, KDAK, KDAK, KDAK, B22K, B22K, SYI, I21K, I21K, D22K, D22K, D22K, H21K, E22K, E22K, E22K, G22K, G22K, BPAW, KTH, MLY, MLY, D23K, COLD, C23K, C23K, G23K, G23K, G23K, H23K, H23K, BWN, I23K, I23K, TOLK, TOLK, NEA2, MCK, RND, RND, RND, D24K, D24K.

Table with columns for station code, name, elevation, and various data points. Includes stations like D24K, E24K, E24K, C24K, MDM, F24K, F24K, SML, COLA, POKR, POKR, POKR, DHY, HDA, HDA, IL31, IL31, ILAR, ILAR, D25K, D25K, G25K, H25L, F25K, E25K, E25K, PRP, FYU, C26K, MK31, MK31, MK31, MKAR, MKAR, MKAR, BMAR, BMAR, MAKZ, MAKZ, MYLDM, MYLDM, C27K, G26K, SCRK, E27K, KURK, KURK, KURK, M26K, KURB, G27K, G27K, D27M, D27M, H27K, L27K, L27K, L27K, BCAR, EGAK, EGAK, EGAK, M27K, F28M, F28M, F28M, E28M, E28M, D28M, I28M, I28M, E29M, E29M, E29M, DAWY, H29M, H29M, H29M, G29M, G29M, I29M, I29M, I29M, I29M, EPYK, EPYK, G30M, G30M, G30M, F30M, K29M, K29M, I30M.

130M	Mount Dempster bazz=282,SNR=12	47.58	34	P	P	12 46 28.4	+1.1
J30M	Hart River	47.73	35	P	I Amb	12 46 30.6	+2.1
J30M	comp=Z,3.8nm,0.8s					12 46 33.2	
J30M	Hart River	47.73	35	P	P	12 46 30.8	+2.3
M30M	Minto, Yukon bazz=282	47.98	38	P	P	12 46 32.5	+2.1
G31M	Satah River	48.08	31	P	P	12 46 31.6	+0.7
G31M	Satah River	48.08	31	P	P	12 46 32.4	+1.4
INK	Inuvik	48.08	30	P	P	12 46 32.0	+1.1
INK	Inuvik	48.08	30	P	P	12 46 32.6	+1.7
INK	bazz=281,SNR=14						
INK	Inuvik	48.08	30	P	P	12 46 32.0	+1.1
F31M	Tsigheitchic bazz=282	48.17	31	P	P	12 46 32.9	+1.2
P29M	Windy Craggy bazz=286	48.27	42	P	P	12 46 33.9	+1.3
H31M	Peel River	48.29	33	P	P	12 46 34.1	+1.4
N31M	Braeburn, Yuko bazz=285	48.71	39	P	P	12 46 37.4	+1.4
M31M	Drury Creek, Y bazz=285	49.16	38	P	P	12 46 41.1	+1.7
BVAR	Borovoye Array comp=Z,4.0nm,0.4s,bazz=78,slow=8.1,SNR=29	49.25	310	P	P	12 46 40.0	-0.3
BRVK	Borovoye	49.30	310	P	P	12 46 40.7	+0.1
WHY	Whitehorse	49.36	40	P	I Amb	12 46 41.4	+0.3
WHY	Whitehorse	49.36	40	P	I Amb	12 46 46.5	
WHY	Whitehorse	49.36	40	P	P	12 46 42.7	+1.6
FARO	Faro, Yukon	49.62	37	P	P	12 46 43.8	+0.9
A36M	Sachs Harbour bazz=285	49.99	24	P	P	12 46 46.1	+0.5
P33M	Teslin, Yukon	50.47	40	P	P	12 46 50.2	+0.7
C36M	Paulatuk	51.13	27	P	P	12 46 55.1	+0.9
C36M	Paulatuk	51.13	27	P	P	12 46 55.3	+1.1
ARSB	Arslanbob	52.29	295	P	P	12 47 02.0	-1.4
ARSB	Arslanbob	52.29	295	P	P	12 47 02.0	-1.4
ARU	Arti	54.32	317	P	I Amb	12 47 16.8	-1.1
ARU	Arti	54.32	317	P	I Amb	12 47 20.0	
ARU	Arti	54.32	317	P	P	12 47 16.9	-1.0
ARU	Arti	54.32	317	P	P	12 47 16.1	-1.8
ARU	Arti	54.32	317	P	P	12 47 16.9	-1.0
ARU	Arti	54.32	317	P	P	12 54 53.4	+0.7
ARU	Arti	54.32	317	P	P	12 58 29.5	-5.0
TOAD	Toad River Com bazz=287	54.57	40	P	P	12 47 20.5	+0.8
SPITS	Spitsbergen Ar comp=Z,2.1nm,0.5s,bazz=62,slow=7.7,SNR=9.7	55.70	349	P	P	12 47 26.4	-1.1
RES	Resolute Bay	56.47	16	P	P	12 47 32.9	-0.2
RES	Resolute Bay	56.47	16	P	P	12 47 32.9	-0.2
RES	Resolute Bay	56.47	16	P	P	12 47 32.9	-0.2
ABKAR	Akbulak array	56.79	309	P	P	12 47 35.3	-0.5
NEEM	North Greenland	59.83	4	P	I Amb	12 47 55.4	-1.5
ARCES	ARCESS Array B comp=Z,3.8nm,0.5s	59.90	339	P	P	12 47 56.4	-0.8
DAG	Danmarks Havn comp=Z,2.6nm,0.9s,bazz=46,slow=8.7,SNR=5.4	60.51	356	P	I Amb	12 47 59.0	-2.2
DAG	Danmarks Havn	60.51	356	P	I Amb	12 48 03.4	
BELG	Belogornoye	61.87	316	P	P	12 48 11.7	+1.0
WRA	Warramunga Arr comp=Z,1.0nm,0.6s	63.02	192	P	P	12 48 17.8	-1.0
WRA	Warramunga Arr comp=Z,1.6nm,0.6s,bazz=9.6,slow=6.8,SNR=22	63.02	192	P	P	12 48 18.7	0.0
WRA	Warramunga Arr comp=Z,2.2nm,0.6s	63.02	192	P	P	12 48 18.7	0.0
GEYT	Alibeck comp=Z,2.1nm,0.6s,bazz=30,slow=3.9,SNR=4.0	63.86	298	P	P	12 48 24.1	-0.3
SUMG	Summit	65.13	1	P	I Amb	12 48 32.5	0.0
SUMG	Summit	65.13	1	P	I Amb	12 48 36.1	
SUMG	Summit	65.13	1	P	P	12 48 32.5	0.0
SUMG	Summit	65.13	1	P	P	12 48 32.0	-0.5
SUMG	Summit	65.13	1	P	I Amb	12 48 36.8	
FINES	FINESS Array B comp=Z,3.4nm,0.8s	65.33	333	P	P	12 48 32.3	-1.2
FINES	FINESS Array B comp=Z,3.7nm,0.5s,bazz=49,slow=7.4,SNR=23	65.33	333	P	P	12 48 32.7	-0.7
OBN	Obninsk	65.49	323	eP	P	12 48 33.7	-0.9
OBN	Obninsk	65.49	323	eP	P	12 48 33.7	-0.9
OBN	Obninsk	65.49	323	eP	P	12 48 45.4	-0.9
OBN	Obninsk	65.49	323	eP	P	12 48 52.1	+1.5
OBN	Obninsk	65.49	323	eP	P	12 49 05.0	
OBN	Obninsk	65.49	323	eP	P	12 51 00.7	
OBN	Obninsk	65.49	323	eP	P	12 52 32.6	
ASAR	Alice Springs comp=Z,2.4nm,1.0s	66.74	191	P	P	12 48 42.8	-0.2
ICESG	Greenland Ices comp=Z,0.6nm,0.8s,bazz=6.8,slow=6.6,SNR=9.4	68.61	2	P	I Amb	12 48 55.2	+0.6
ICESG	Greenland Ices	68.61	2	P	I Amb	12 48 56.6	
BOZ	Bozeman (W)	68.70	47	P	P	12 48 56.8	+1.4
BOZ	Bozeman (W)	68.70	47	P	P	12 48 55.7	+0.4
BOZ	Bozeman (W)	68.70	47	P	P	12 48 56.8	+1.4
NVAR	Mina Array Bea comp=Z,2.0nm,0.7s	69.32	57	P	P	12 48 58.3	-1.1
KIV	Kislovodsk	69.58	311	eP	P	12 49 01.5	+0.8
KBZ	Khabaz	69.60	311	eP	P	12 48 59.1	-1.6
KBZ	Khabaz	69.60	311	eP	P	12 49 01.1	+0.4
NB2	NORSAR Subarra comp=Z,3.0nm,0.8s	70.23	338	P	P	12 49 04.1	-0.3
NOA	NORSAR Array B comp=Z,1.4nm,0.5s,bazz=33,slow=6.5	70.23	338	P	P	12 49 03.9	-0.5
HFS	Hagfors	70.27	337	P	P	12 49 04.1	-0.5
GNI	Garni	70.83	307	P	P	12 49 08.0	-0.5
GNI	Garni	70.83	307	P	P	12 49 08.1	-0.5
GNI	Garni	70.83	307	P	P	12 49 08.0	-0.5
PDAR	Pinedale Array	71.67	49	P	P	12 49 13.3	-0.4
AK03	Malin Array Si	71.74	323	P	P	12 49 13.3	-0.3
AKASG	Malin Array Be	71.75	323	P	P	12 49 13.2	-0.6
AKASG	Malin Array Be	71.75	323	P	P	12 49 14.6	+0.9
AKBB	Malin Array Si	71.75	323	P	P	12 49 13.8	+0.1
AKBB	Malin Array Si	71.75	323	P	P	12 49 14.6	+0.9

AK04	Malin Array Si	71.77	323	P	P	12 49 14.1	+0.3
AK01	Malin Array Si	71.77	323	P	P	12 49 14.1	+0.3
AK22	Malin Array Si	71.78	323	P	P	12 49 14.2	+0.3
AK21	Malin Array Si	71.78	323	P	P	12 49 14.2	+0.3
AK08	Malin Array Si	71.79	323	P	P	12 49 14.4	+0.5
AK09	Malin Array Si	71.79	323	P	P	12 49 14.5	+0.6
AK02	Malin Array Si	71.79	323	P	P	12 49 14.8	+0.9
AK11	Malin Array Si	71.80	323	P	P	12 49 14.4	+0.4
AK15	Malin Array Si	71.80	323	P	P	12 49 14.3	+0.3
AK18	Malin Array Si	71.81	323	P	P	12 49 13.9	-0.1
AK10	Malin Array Si	71.82	323	P	P	12 49 14.2	+0.1
AK20	Malin Array Si	71.82	323	P	P	12 49 14.2	+0.1
AK05	Malin Array Si	71.82	323	P	P	12 49 14.7	+0.6
AK13	Malin Array Si	71.89	323	P	P	12 49 14.5	0.0
LUBAR	Lubar, Ukraine	72.97	323	P	P	12 49 18.2	-2.8
MONP2	Monument Peak bazz=311	74.01	60	P	P	12 49 27.8	+0.1
BUR08	Bucovina Ar. S	75.79	323	P	P	12 49 37.7	+0.1
BURAR	Bucovina Array	75.81	323	P	P	12 49 38.1	+0.4
MEZ	Meschgor'ye	75.87	324	P	P	12 49 39.7	+1.8
STHS	Stebnicka Huta	76.13	326	eP	P	12 49 42.9	+3.5
STHS	Stebnicka Huta	76.13	326	eP	P	12 49 42.9	+3.5
EYMH	Ely	76.86	35	P	P	12 49 43.5	0.0
CLL	Collm	77.75	332	eP	P	12 49 50.0	+1.6
CLL	Collm	77.75	332	eP	P	12 49 50.0	+1.6
VRAC	Vranov	78.07	329	LR	LR	13 27 09.9	
ANMO	Albuquerque	78.75	53	P	P	12 49 54.8	+0.3
EKA	Ekdalemuir Ar	78.87	342	P	P	12 49 54.6	+0.1
TXAR	Lajitas Array comp=Z,1.2nm,0.5s,bazz=25,slow=4.6,SNR=6.6	84.39	55	P	P	12 50 24.8	+0.5
QSPA	South Pole Qui	132.30	180	PKP	PKPdf	12 57 03.8	-0.7
H03N2	Juan Fernandez	144.27	90	T	T	15 38 42.0	
H03N3	Juan Fernandez	144.28	90	T	T	15 38 39.3	
H03N1	Juan Fernandez	144.28	90	T	T	15 38 46.7	
TROLL	Troll, Antarti	145.44	199	PKP	PKPb	12 57 28.8	+0.1
TROLL	Troll	145.44	199	PKP	PKPb	12 57 42.5	-2.1
SNA	Sanae	146.93	198	PKP	PKPb	12 57 32.7	-0.1
SNA	Sanae	146.93	198	PKP	PKPb	12 57 46.3	-0.8
SNA	Sanae	146.93	198	PKP	PKPb	12 57 32.5	-0.3
VNA2	Neumayer-Watz	148.48	197	PKP	PKPb	12 57 37.4	+0.5
VNA2	Neumayer-Watz	148.48	197	PKP	PKPb	12 57 51.1	-0.9
VNA3	Neumayer Olymp	148.69	195	PKP	PKPb	12 57 37.5	+0.1
VNA3	Neumayer Olymp	148.69	195	PKP	PKPb	12 57 51.3	-1.7
VNA1	Neumayer-Stat	148.87	197	PKP	PKPb	12 57 38.2	+0.4
VNA1	Neumayer-Stat	148.87	197	PKP	PKPb	12 57 51.3	+1.2
PMSA	Palmer Station	152.21	153	PKP	PKPb	12 57 44.9	-1.0

KDJ	Kajiasy bazz=52	1.63	352	eP	Pn	12 49 51.3	-0.3
KDJ	Kajiasy					12 50 15.6	+1.6
ULHL	Ulahol bazz=33	1.97	332	eP	Sb	12 49 56.1	-0.2
ULHL	Ulahol					12 50 23.6	+0.1
PRZ	Przheval'sk bazz=16	2.08	19	eP	Pn	12 49 57.5	-0.3
ANVS	Anat'yevoye bazz=2.0	2.27	3	eP	Sb	12 50 26.2	-0.6
ANVS	Anat'yevoye					12 50 00.1	+0.1
BOOM	Booms koye usch bazz=31	2.29	330	eP	Pn	12 50 00.5	-0.2
BOOM	Booms koye usch					12 50 31.3	-1.4
TNSS	Tian-Shan 21nm,0.3s	2.55	351	eP	Pb	12 50 08.8	+0.4
TNSS	Tian-Shan					12 50 45.9	+2.5
TNSS	Tian-Shan					12 50 08.8	+0.4
TNSS	Tian-Shan					12 50 45.9	
SATY	Saty	2.64	15	eP	Pb	12 50 08.9	-0.7

12d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, KUU, BLB, ARXS, MRKS, DJR, BTLS, KK31.

TAP 12 13:01:38.0,22°33'N,121°73'E,h23km,ML3,3,D
JMA 12 13:01:40.3,0.4,22°N,121°2'E,h92km,MV2,7/9,
TAIWAN REGION
ISC 12 13:01:35.5,1.2,22°40'N,0.02,121°82'E,0.02,h4km,10km,
n111,σ1904/216,1C-6D,Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including LDUT, LAY, LYUB, TTN, EDH, TWGBT, TWG, LONT, CHKT, ECL, TAW, TAWH, CHKH, ECS, EAST, FULB, EHD, SLIU, ECBN, TWKBT, TWK1, EYUL, TWY1, HEN, ELDTW, YULB, SCZT, MASBT, HGSB.

2018 JUN

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including HGSB, SSD, EHYH, EHY, EHY, STYH, SLGT, EGFH, SCST, SGST, TWM1, WARB, WARB, WTP, WTP, SHUL, SHUL, TPUB, CHN1, CHN1, ESL, ESL, SNST, SNST, TEYL, TEYL, VWDT, VWDT, SHHT, SHHT, CHN3, CHN3, TWK, TWK, WCKO, WCKO, WHYT, WHYT, ETM, ETM, SSLB, SSLB, LXIB, LXIB, OWD, OWD, TWD, TWD, SMLT, SMLT, ICHU, ICHU, WUSB, WUSB, WGW, WGW, TYC, TYC, WDLH, WDLH, CHN8, CHN8, CHN8, CHN8, TSKC, TSKC, EOS4, EOS4, NACB, NACB, WNT, WNT, WNT, WNT, WHF, WHF, WTK, WTK, WTK, WTK.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including WCS, WCS, FUSS, FUSS, WSF, WSF, EOS3, EOS3, EOS3, EOS3, TWT, TWT, TWT, TWT, WRL, WRL, WRL, WRL, ENA, ENA, ENA, ENA, TCU, TCU, TCU, TCU, WHP, WHP, WHP, WHP, EWUT, EWUT, EWUT, EWUT, EOS2, EOS2, EOS2, EOS2, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NNS, NNS, LATG, LATG, LATG, LATG, TWQ1, TWQ1, TWQ1, TWQ1, WDG1, WDG1, WDG1, WDG1, TWC, TWC, TWC, TWC, NDT, NDT, NDT, NDT, NDS, NDS, NDS, NDS, NSY, NSY, NSY, NSY, ENT1, ENT1, ENT1, ENT1, JYNG, JYNG, YHNB, YHNB, NSK, NSK, NSK, NSK, NFF, NFF, NFF, NFF, TWE, TWE, TWE, TWE, TWE, TWE, NSTT, NSTT, NSTT, NSTT, VCHM, VCHM, VCHM, VCHM, LIOB, LIOB, LIOB, LIOB, FUSB, FUSB, FUSB, FUSB, NWLT, NWLT, NWLT, NWLT, PNG, PNG, PNG, PNG, HATJ, HATJ, TIPB, TIPB, SXI1, SXI1, SXI1, SXI1, JKRS, JKRS, JIJ, JIJ, JIGS, JIGS, JTJ, JTJ, JTJ, JTJ, JIRB, JIRB, JIRB, JIRB, NDI 12 13:08:43.8,3.2,26°45'N,96°65'E,h110km,ML3.8,MW4.2, mb4.2(NEIC)
NEIC 12 13:08:45.4,1.4,26°3'N,0°1'96'47E,0.10,h117km,9km, mb4.2/28, Error ellipse: s-maj=15.4km s-min=11.6km
IDC 12 13:08:47.2,3.6,26°32'N,96°55'E,h132km,37km,mb3.4/12, mbtmp3.8/13, Error ellipse: s-maj=45.9km s-min=16.1km az=61.0
ISC 12 13:08:44.2,0.6,26°40'N,0°06'96'55E,0.06,h100km,n56, r127/59,mb4.1/27, Myanmar
Code Station Name Azimuth Phase ID Time Res
LKP LKP 1.12 326 eS Sn 13 09 22.8 +0.4
LKP LKP 13 09 24.1
JORS JORS 2.09 280 eS Sn 13 09 44.2 +0.5
ZIRO ZIRO 2.66 295 eS Pn 13 09 25.5 -0.1
ZIRO ZIRO 13 09 57.9 +0.5
ZIRO ZIRO 13 09 59.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Imphal, Shillong, LSA Lhasa, CRAI Chiangrai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, EIDS Eidsvold, INKA Innaminka, etc.

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

IDC 12 13:41:53.5:0.9, 4:32S:68.84E, h0km, mb3.9/12, mbmp3.9/12, MS3.7/12B, Error ellipse: s-maj=26.5km

NEIC 12 13:41:58.2:2.3, 3:8S:0.1:68.54E:0.08, h10km, 4km, mb4.4/19, Error ellipse: s-maj=18.3km s-min=9.6km az=200.0

ISC 12 13:41:56.5:0.6, 3:9S:0.1:68.61E:0.09, h10km, n77, alpha15/47, mb4.3/22, MS3.8/29, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

IDC 12 13:11:54.2:1.7, 3:46S:141.14E, h0km, mb3.6/4, mbmp3.6/5, ML3.9/1, MS2.7/1, Error ellipse: s-maj=69.8km s-min=26.7km az=98.0

NEIC 12 13:12:00.3:1.7, 3:75S:0.1:141.1E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.0km s-min=13.1km az=230.0

ISC 12 13:11:59.8:0.7, 3:63S:0.08:141.1E:0.1, h35km, n34, alpha15/32, mb3.9/9, New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GENI Genyem, TABU Tabubil, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM, MLR Muntele Ross, BURAR Bucovina Array, etc.

KRNET 12 13:53:07.1:0.1, 41.69N:69.67E, mb2.6, ISU 12 13:53:08.2, 41.66N:69.99E, h14km, SOME 12 13:53:08.6, 41.75N:69.97E, h0km, ISC 12 13:53:05.5:1.9, 41.68N:0.03:69.64E:0.09, h5km, 13km, n9, alpha07/18, 5C-5D, Kyrgyzstan region

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

NEIC 12 14:09:47.9:1.1, 19.69N:0.06:157.41W:0.05, h16km, 7km, ML2.8/34, ML2.8/3(HVO), Error ellipse: s-maj=10.2km s-min=2.2km az=218.0

HVO 12 14:09:51.5:1.2, 19.69N:0.07:157.45W:0.06, h9km, 6km, Error ellipse: s-maj=11.8km s-min=6.5km az=211.0, Hawaiian Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKH Kailua Kona, CPH Captain Cook, HUH Hualalai, etc.

12d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOR Nord, KBS Kingsbay, SPAO Spitsbergen Ar, etc.

IDC 12 17:00.40.4.1.0.67.09N.21.01E, h0km, mbmp2.9/4, ML1.9/4, Error ellipse: s-maj=19.0km s-min=9.0km az=109.0

UPP 12 17:00.40.0.0.1.67.05N.20.98E, h0km, ML2.2, Unknown

ISS 12 17:00.39.8.1.3.67.06N.0.03.20.97E, h0.04, h2km, s13km, n18, c0583/20, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUNU Dundret, MASU Masugnaby, etc.

BJI 12 17:17.13.2.0.0.13.34Sx45.40E, h15km, mb4.9/55, mb5.2/33, Mb5.2/56, M57.5/0.55

IDC 12 17:17.14.9.0.4.13.00Sx45.79E, h0km, mb4.5/37, mbmp4.5/39, ML4.7/3, MS4.8/64, Error ellipse: s-maj=14.6km s-min=11.1km az=91.0

MOS 12 17:17.14.7.1.2.13.02Sx45.81E, h10km, mb3.5/55, MS4.8/17, Error ellipse: s-maj=8.7km s-min=4.4km az=89.0

NEIC 12 17:17.16.4.1.3.13.07S.0.02.45.84E.0.08, h10km, mb5.3/116, Mmw5.3/24, Error ellipse: s-maj=14.3km s-min=2.7km az=283.0

NEIC 12 17:17.16.4.1.3.13.17S.45.65E, h12km, Moment Tensor Solution. Duration: 295 Moment tensor: Scale 1017Nm; Mn:0.26; Mw:0.27; M0:0.81; Mb:0.98; Mr:0.29; Fault plane solution: Ms:1.22000x1017 Np:1.81.690000; s:73.890000; l:149.480000; NP2:20.180.980000; s:60.800000; l:18.540000; Principal axes: T:1.2852, P:1g33.0000; Azm38.0000; N: -1.0401, P:1g56.0000; Azm236.0000; P: -1.1450, P:1g9.0000; Azm134.0000;

NEIC 12 17:17.16.4.1.3.13.07S.45.85E, h12km

GCMT 12 17:17.16.4.0.1.12.88S.0.01.45.71E.0.01, h12km, MW5.4/142, Moment Tensor Solution. s105.c165; s142.c308; Duration: 192 Moment tensor: Scale 1017 Nm; Mn:0.06; Mw:0.05; M0:0.00; Mb:0.00; Mr:0.00; Fault plane solution: Ms:1.22000x1017 Np:1.81.690000; s:73.890000; l:149.480000; NP2:20.180.980000; s:60.800000; l:18.540000; Principal axes: T:1.6880, P:1g27.0000; Azm222.0000; N: -0.2370, P:1g57.0000; Azm79.0000; P: -1.4510, P:1g17.0000; Azm321.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 12 17:17.40.0.10.48S.45.39E, h19km, mb5.1, Ms4.6

ISC 12 17:17.16.2.0.5.13.10S.03.45.69E.0.04, h13km, 2km, h13km; pP-P. n548, c290/528, mb5.1/181, MS4.9/108, 43C-30D, Northwest of Madagascar

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

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

2018 JUN

Main table with columns: VOI, Station Name, Az, Phase ID, Time, Res. Includes stations like NOR Nord, KBS Kingsbay, SPAO Spitsbergen Ar, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ARMIN, KIRK, ALIG, etc.

IDC 12 18:19:33.9i.1.4, 25.42N, 109.61W, h0km, mbtmp3.1/4, ML3.5/4, Error ellipse: s-maj=28.0km s-min=11.5km az=119.0

MEX 12 18:19:36.4o.0.7, 25.69N, 110.02W, h15km, 15km, MD4.5, ISC 12 18:19:32.5i.1.4, 25.72N, 110.04, h10.06W, 0.03, h3km=12km, n23, c=21/29, 7C-4D, Gulf of California

Main table for 12d 19h section, listing stations like TSIG, EVAR0, NE77, etc. with their respective data.

IDC 12 19:08:52.5i.0.6, 30.39S, 177.34W, h0km, mb4.4/11, mbtmp4.4/11, MS3.9/18, Error ellipse: s-maj=25.0km s-min=15.1km az=77.0

NEIC 12 19:08:55.7i.1.4, 30.53S, 0.02, 177.6W, 0.1, h16km, 4km, mb4.8/35, Error ellipse: s-maj=18.2km s-min=3.3km az=92.0

ISC 12 19:08:54.3i.0.5, 30.59S, 0.05, 177.56W, 0.09, h10km, n97, c=153/82, mb4.7/24, MS3.9/16, 4C, Kermadec Islands

Main table for 12d 19h section, listing stations like RAO, MXZ, URZ, etc. with their respective data.

Main table for 2018 JUN section, listing stations like ASAR, PATS, WR0, etc. with their respective data.

Table for Northern East Pacific Rise section, listing stations like JTS, TX31, TXAR, etc. with their respective data.

IDC 12 19:22:35.0i.1.36, 19N, 27.40E, h0km, mb3.5/3, mbtmp3.5/8, ML2.4/3, MS3.5/3, Error ellipse: s-maj=28.1km s-min=15.1km az=168.0

ISK 12 19:22:37.6, 36.20N, 27.35E, h8km, ML3.4/16, MCSM 12 19:22:37.7, 36.20N, 27.35E, h35km, 8km, mb3.9, mb4.6, MLV3.5, Mw(mb3.8)

AFAD 12 19:22:37.9, 36.20N, 27.35E, h36km, 1km, ML3.4, THE 12 19:22:38.3, 36.19N, 27.38E, h6km, 1km, ML3.4/7, Error ellipse: s-maj=1.9km s-min=0.6km az=105.0

ATH 12 19:22:38.4, 36.20N, 27.37E, h15km, 1km, ML3.4/7, Error ellipse: s-maj=1.9km s-min=0.9km az=92.0

GII 12 19:22:39.3, 36.20N, 27.35E, h8km, Mw3.5, confirmed, ISC 12 19:22:37.6i.1.0, 36.19N, 27.37E, 0.02, h25km, 9km, n177, c=192/217, mb3.5/3, Dodecanese Islands

Main table for Northern East Pacific Rise section, listing stations like NISR, YAZI, DAT, etc. with their respective data.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SABU Mula-Dalaman, FETI Fethiye, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSHT Keshet, SALP Salfit, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PB06 IOPC Station P, LVC Limon Verde, and many others.

NEIC 12 19:23:49.3±1.3, 8.7N±0.1, 104.1W±0.2, h10km, zkm, mb4.5/3.3, Error ellipse: s-maj=38.3km s-min=19.5km az=255.0

ISC 12 19:23:51.1±1.1, 8.9N±0.1, 104.0W±0.3, h10km, n65, c209/46, mb4.4/19, MS3.5/13, Northern East Pacific Rise

IDC 12 19:23:57.6±2.6, 6.10±2S, 161.27E, h0km, mb3.5/3, s-min=61.3km az=86.0, Northern East Pacific Rise region

IDC 12 19:26:08.1±3.2, 9.12N, 104.63W, h0km, mb3.6/4, mbmt3.6/4, MS3.4/2, Error ellipse: s-maj=143.9km s-min=61.3km az=86.0, Northern East Pacific Rise

IDC 12 19:52:27.3±3.8, 28.28S±178.23W, h0km, mb4.0/3, mbmt4.0/3, Kermadec Islands region

NEIC 12 19:59:46.8±1.1, 20.30S±0.09, 178.3W±0.2, h572km±11km, mb4.2/7, Error ellipse: s-maj=24.8km s-min=12.8km az=83.0

IDC 12 19:59:47.0±5.5, 20.31S±178.40W, h570km±61km, mb3.1/7, mbmt4.0/7, Error ellipse: s-maj=29.9km s-min=24.6km az=144.0

ISC 12 19:59:45.0±0.7, 20.5S±0.1, 178.2W±0.1, h550km, n23, c1517/25, mb3.8/12, Fiji Islands region

12d 20h

Table with columns: MTN, Station Name, Time, Res, etc. Includes stations like Manton Dam, South Pole Qui, and Seymchan.

NEIC 12 20:03:12.3±1.4, 4.05N:105.86W±0.08, h0km, mb3.0/2, ML2.7/8, Error ellipse: s-maj=9.7km s-min=4.9km az=107.0

ISC 12 20:03:18.7±2.1, 4.3395N:105.64W, h0km, mbmp3.0/2, ML2.8/2, Error ellipse: s-maj=60.8km s-min=10.5km az=148.0

ISC 12 20:03:15.6±1.3, 4.440N:105.94W±0.09, h0km, n9, n5517, Wyoming

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Black Hills, Casper, Rawlins, and Pilot Hill.

NOU 12 20:05:40.4, 36.02S:179.27E, h279km, mb4.3/6, Off E. Coast of N. Island, N.Z.

WEL 12 20:05:45.8±0.9, 36.36°S 11°17'9E, h218km, 1.3km, M3.8/13, ML4.0/14, MLV3.8/13, Error ellipse: s-maj=0.0km s-min=0.0km az=122.7, confirmed

ISC 12 20:05:45.9±3.5, 36.0S:178.4E±0.1, h240km, 12km, n63, c1917/80, Off east coast of North Island

Large table with columns: Code, Station Name, Time, Res, etc. Lists numerous stations including Matakaoa Point, Waioamatani S, and Dannevirke.

2018 JUN

CTZ Chatham Island 8.64 155 S S 20 09 29.0 +4.0

ISC 12 20:07:36.4±1.4, 4.05N:126.80E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=133.9km s-min=20.8km az=68.0

ISC 12 20:07:38.1±1.8, 4.1N:126.5E±1.27E, h10km, n6, c1916/16, mb3.8/6, Talaud Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Waramunga Arr, Alice Springs, and Makanchi Array.

ISC 12 20:13:53.6±2.2, 4.50N:127.35E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=199.2km s-min=22.6km az=67.0, Talaud Islands

ISC 12 20:21:49.5±6.4, 28.84S:179.40E, h0km, mb3.6/2, mbmp3.6/2, MS3.9/2, Error ellipse: s-maj=228.9km s-min=102.4km az=164.0, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Alice Springs, Waramunga Arr, and Kappang.

SJA 12 20:23:26.9±0.7, 34.75S:71.81W, h54km, 5km, ML3.9, MW4.0

GUC 12 20:23:28.1±0.7, 34.69S:71.81W, h38km, 1km, ML3.8

ISC 12 20:23:29.1±1.4, 34.78S:69.86W, h0km, mb3.8/4, mbmp3.8/6, ML3.9/2, MS3.4/3, Error ellipse: s-maj=48.7km s-min=26.4km az=86.0

ISC 12 20:23:28.9±1.2, 34.71S:70.03E, h38km, 1km, n53, c154/80, mb3.8/3, 1C-3D, Near coast of central Chile

Large table with columns: Code, Station Name, Time, Res, etc. Lists numerous stations including Huala, Tunca, Sierra Bellavi, and Curacav.

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MT14 comp=N,3um,0.3s IAML 20 24 21.7

MT10 Hacienda Santa 1.79 37 i P Pn 20 23 57.8 +0.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.0 +1.9

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

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MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

MT10 Peldehue 1.83 32 eP Pn 20 24 21.2 +1.4

HLK Haleakala 1.67 327 Pn Pn 20 27 28.2 -3.0
KHLH Kahului Airpor 1.88 325 Pn Pn 20 27 31.0 -2.8

UPA 12:20:35:12.8:0.6:8.84N:83.44W,h0km,5km,ML3.5
UCR 12:20:35:14.5:1.0:8.73N:83.49W,h19km,6km,MW3.5
ISC 12:20:35:14.4:1.1:8.75N:0.03:83.46W:0.05,h17km,7km,

Code Station Name Az Az' Phase ID Time Res
EDPN Palmer Norte 0.21 0 eP P 20 35 19.9 +0.5
JIME Puerto Jimenez 0.25 148 eP P 20 35 20.2 -0.3
JIME Puerto Jimenez 0.27 144 eS P 20 35 25.5 +0.8

NEIC 12:20:35:22.2:2.0:51.69N:0.06:173.50W:0.06,
h49km,13km,mb3.8/39,ML3.6/6,ML3.2(AEIC), Error ellipse:

AEIC 12:20:35:22.2:2.5:51.73N:0.06:173.59W:0.08,h53km,8km,
Error ellipse: s-maj=9.1km s-min=6.8km az=183.0,

Andreas of Islands

Code Station Name Az Az' Phase ID Time Res
ATKA Atka Island 0.61 322 Op ISC P 20 35 35.0 -0.2
ATKA Atka 0.76 87 eS P 20 35 44.6 +0.2
ATKA Atka 0.92 92 eS P 20 35 50.2

I28M Miner Creek 21.92 38 P Iamb P 20 40 10.8 -0.3
I28M comp=Z,2.1nm,0.8s
I29M Ogilvie Camp, 22.52 39 P Iamb P 20 40 16.3 -1.1

IDC 12:20:47:55.8:2.9:8.51S:113.90E,h0km,mb3.1/3,
mbtmp3.1/3,MS3.5/1, Error ellipse: s-maj=167.4km

Code Station Name Az Az' Phase ID Time Res
WRA Warramunga Arr 22.81 122 Op ISC P 20 53 00.1 -0.3
TGy Tagay City 23.52 17 LR LR 21 05 13.8
ASAR Alice Springs 24.37 131 P P 20 53 16.1 +0.2

IDC 12:20:56:33.6:2.0:20.82S:68.70W,h0km,18km,mb3.5/1,
mbtmp4.1/3, Error ellipse: s-maj=43.6km s-min=13.7km

NEIC 12:20:56:37.7:1.5:20.16S:0.04:69.20W:0.04,h97km,6km,
mb4.2/5,ML3.9(GUC), Error ellipse: s-maj=6.3km

GUC 12:20:56:38.0:0.7:20.18S:69.18W,h94km,3km,ML3.9
ISC 12:20:56:38.0:0.7:20.13S:0.03:69.15W:0.06,h92km,7km,

n48,r156/68,5C-1D,Northern Chile

Code Station Name Az Az' Phase ID Time Res
GO01 Chusmiza 0.47 355 Op ISC P 20 56 53.3 +1.2
GO01 Chusmiza 0.47 355 eS P 20 57 05.1 +1.7
GO01 Chusmiza 0.47 355 eS P 20 56 53.4 +1.2

TRQA Tornquist 18.91 162 P Pn 21 00 52.9 +1.0
TRQA comp=Z,14nm,1.4s
BOAV Boa Vista 23.94 22 P P 21 01 45.6 +3.1

IDC 12:20:57:32.2:0.9:24.110N:122.38E,h0km,mb4.1/9,
mbtmp4.0/10,ML3.0/1,MS3.4/8, Error ellipse:

NEIC 12:20:57:35.2:1.1:23.97N:0.05:122.31E:0.03,h17km,5km,
mb4.3/16, Error ellipse: s-maj=7.0km s-min=4.1km

TAP 12:20:57:36.5:24.03N:122.30E,h23km,ML4.0,C
ASIES 12:20:57:36.5:24.03N:122.30E,h23km,ML4.0,Mw4.0,

JMA 12:20:57:36.1:0.2:24.11N:122.3E:0.5,h24km,4km,
MD4.1/17,MV4.0/17, TAIWAN REGION

NIED 12:20:57:36.1:23.97N:122.30E,h24km,MW4.0,Moment
Tensor Solution. s2 Moment tensor: Scale 10^15Nm;

ISC 12:20:57:35.8:0.8:23.95N:0.02:122.30E:0.02,h24km,6km,
n225,r0887/322,mb4.2/17,MS3.5/7,3C-1D, Taiwan

Code Station Name Az Az' Phase ID Time Res
E0S4 E0S4 0.17 4 Op ISC P 20 57 40.6 -0.1

E0S4 E0S4 0.34 2 Op ISC P 20 57 43.3 +0.1

E0S4 E0S4 0.47 352 Op ISC P 20 57 48.6 +0.4

E0S4 E0S4 0.64 306 eP Pn 20 57 48.4 -0.9

E0S4 E0S4 0.64 273 Op ISC P 20 57 49.2 -0.1

E0S4 E0S4 0.65 263 P Pn 20 57 48.9 -0.5

E0S4 E0S4 0.66 289 eP Pn 20 57 59.2 +0.2

E0S4 E0S4 0.66 281 eP Pn 20 57 59.4 -0.7

E0S4 E0S4 0.66 281 eP Pn 20 57 58.2 -1.0

E0S4 E0S4 0.69 289 P Pn 20 57 49.2 -0.8

E0S4 E0S4 0.69 289 P Pn 20 57 48.6 -0.5

E0S4 E0S4 0.69 289 P Pn 20 57 49.1 -0.8

E0S4 E0S4 0.69 316 eP Pn 20 57 59.9 -0.9

E0S4 E0S4 0.69 316 eP Pn 20 57 47.7 -1.5

E0S4 E0S4 0.70 257 P Pn 20 57 57.4 -0.9

E0S4 E0S4 0.70 257 P Pn 20 57 50.0 -0.1

E0S4 E0S4 0.70 313 P Pn 20 58 00.2 +0.1

E0S4 E0S4 0.70 313 P Pn 20 57 48.9 -0.5

E0S4 E0S4 0.74 271 Op ISC P 20 57 58.4 -0.3

E0S4 E0S4 0.74 271 Op ISC P 20 57 58.0 -0.5

E0S4 E0S4 0.75 326 P Pn 20 57 49.4 -0.8

E0S4 E0S4 0.77 49 eP Pn 20 57 50.5 -0.1

E0S4 E0S4 0.77 49 eP Pn 20 58 00.1 -0.5

E0S4 E0S4 0.78 328 eP Pn 20 57 50.5

E0S4 E0S4 0.78 328 eP Pn 20 57 49.7 -0.9

E0S4 E0S4 0.81 261 P Pn 20 57 58.6 -2.1

E0S4 E0S4 0.81 261 P Pn 20 57 50.8 -0.4

E0S4 E0S4 0.82 275 eP Pn 20 57 51.3 -0.7

E0S4 E0S4 0.82 52 P Pn 20 57 51.7 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.1 -0.3

E0S4 E0S4 0.82 52 P Pn 20 57 51.7 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

E0S4 E0S4 0.82 52 P Pn 20 57 51.3 -0.2

Table with columns: NDT, Datong Townshi, 0.97 312 eP, Pn, 20 57 54.1 +0.2, baz=296, NNTT, baz=296, eS, Sb, 20 58 17.3 -0.5, WSL, baz=256, eS, Sb, 20 58 34.8 +0.3

Table with columns: HATJ, Hateruma jima, 1.38 85 P, P, 20 58 01.2 +0.3, baz=296, NNTT, baz=296, eS, Sb, 20 58 17.3 -0.5, WSL, baz=256, eS, Sb, 20 58 34.8 +0.3

Table with columns: SCST, Cishan, 1.97 238 eP, P, 20 58 11.1 +0.1, baz=256, WSL, baz=256, eS, Sb, 20 58 34.8 +0.3

12d 23h

Table with columns for station code, name, frequency, and other parameters. Includes stations like U33K Whale Pass, S34M Telegraph Cree, EKA Eskdalemuir Ar, etc.

2018 JUN

12C 12 23:08:26.2,0.4,2.12S,98.61E,h0km,mb5.1/33, mbmp5.1/34,ML4.9/1,MS5.6/59,Error ellipse: s-maj=15.1km s-min=10.2km az=51.0

105C-40D, Southwest of Sumatara

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, and other parameters. Includes stations like SISI Saibni, PPSI Pulau Pagai, etc.

696

Table with columns for station code, name, frequency, and other parameters. Includes stations like SRDT SRDT, ABJI Asem Bagus, JAGI Jajag, Banyuwa, etc.

12d 23h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Sverdlvovsk, Arti, Khabbaz, and many others.

2018 JUN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Karoi Sochi, Bunyan, and many others.

700

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Petropavlovsk, Wether Hill Ro, and many others.

Table with columns for station call signs (e.g., DPC, DPC, DPC), names (e.g., Dobruska-Polom), frequencies, and various technical parameters like power and modulation.

Table with columns for station call signs (e.g., BRG, BRG, BRG), names (e.g., Berggiesshubel), frequencies, and various technical parameters like power and modulation.

Table with columns for station call signs (e.g., HSPB, HSPB, HSPB), names (e.g., Hornsund (broa)), frequencies, and various technical parameters like power and modulation.

703

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Bias Error, Elevation Bias Error, Azimuth Variance Error, Elevation Variance Error. Rows include stations like G16K, NOR, M13K, H16K, F17K, L14K, E18K, C19K, FALS, G17K, M14K, M14K, K15K, K15K, L15K, F17K, H17K, N14K, A21K, J16K, J16K, H17K, H17K, D19K, D19K, B20K, O14K, O14K, S12K, M15K, G18K, G18K, F19K, F19K, A22K, D20K, TORD, TORD, TORD, E19K, E19K, H18K, H18K, J17K, J17K, N15K, N15K, L16K, L16K, E20K, JMIC, G19K, G19K, O19K, B21K, B21K, C21K, M16K, K17K, L17K, B22K, F20K, F20K, N16K, GCSA, H19K, H19K.

2018 JUN

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Bias Error, Elevation Bias Error, Azimuth Variance Error, Elevation Variance Error. Rows include stations like DAG, S14K, E21K, E21K, J18K, J18K, EKA, EKA, CHNA, M17K, M17K, O16K, O16K, D22K, D22K, P16K, L18K, H20K, J19K, N17K, F21K, F21K, CHGN, O17K, G21K, G21K, C23K, C23K, I20K, I20K, E22K, E22K, F22K, M18K, D23K, J20K, N18K, P17K, SVW2, H21K, H21K, L19K, L19K, K20K, K20K, G22K, C24K, TOLK, M19K, M19K, D24K, L20K, O18K, O18K, Q17K, I21K, I21K, P18K, P18K, H22K, N19K, N19K, COLD, CHUM, G23K, G23K, E24K, E24K, M20K, M20K, CAST, CAST, MLY, PPLA, CHIR, CHIR, D25K, D25K, BPWA, H23K.

12d 23h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Bias Error, Elevation Bias Error, Azimuth Variance Error, Elevation Variance Error. Rows include stations like H23K, F24K, C26K, KTH, Q19K, Q19K, P19K, P19K, N20K, SPCR, I23K, I23K, SPU, SKT, SKT, SKT, SII, SII, BWN, NEA2, NEA2, C27K, E25K, OHAK, OHAK, CUT, F25K, MDM, SUA, Q20K, SYI, CAPN, MCK, HOM, G25K, KDAK, KDAK, COLA, WRH, M22K, POKR, POKR, RND, CCB, CNPM, FIS, BMAR, H25L, F26K, BRLL, FYU, BRSE, WAT1, RC01, HDA, PMR, PMR, GHO, O22K, D27M, PRP, PRP, G26K, DHY, DHY, WAT6, SML, SML, SEW, KNK, E27K, J25K, J25K, M23K, PBRG, PBRG, K24K, NEEEM, NEEEM, SCM, SCM, E28M, G27K, G27K, SHEL, I26K.

12d 23h

PAX	baz=295 Paxon	103.36	25	P	Pdfif	23 22 29.5	+0.9
GLI	Glacier Island	103.41	27	P	Pdfif	23 22 29.3	+0.6
F28M	Old Crow	104.20	20	P	Pdfif	23 22 29.4	+0.6
J26L	Joseph Creek	103.53	23	IAMS_20	IAMS_20	00 19 20.7	
J26L	Joseph Creek	103.53	23	P	Pdfif	23 22 27.9	-1.4
H27K	Steamboat Moun	103.54	21	P	Pdfif	23 22 30.0	+0.8
SCRK	Sand Creek	103.58	24	IAMS_20	IAMS_20	00 13 33.0	
SCRK	Sand Creek	103.58	24	P	Pdfif	23 22 29.7	+0.2
P23K	Montague Islan	103.58	28	P	Pdfif	23 22 29.0	-0.4
PBAR	Barrancos	103.62	309	i/LQ	LP	23 22 44.6	
PBAR	Barrancos	103.62	309	ePP	LP	23 26 58.6	+1.2
MTE	Manteigas	103.68	311	i/LQ	LP	23 22 45.9	
MTE	Manteigas	103.68	311	ePP	LP	23 26 59.5	+1.3
MTB	Dimbokro	103.68	276	IAMS_20	IAMS_20	00 13 14.6	
POLO	Lamas de Olo	103.71	312	i/LQ	LP	23 22 45.6	
POLO	Lamas de Olo	103.71	312	ePP	LP	23 22 45.6	+1.6
PMRV	Maryv?o	103.71	310	i/LQ	LP	23 26 46.0	
PMRV	Maryv?o	103.71	310	ePP	PKIKP	23 26 48.5	-0.3
PMRV	Maryv?o	103.71	310	ePP	Sdfif	23 34 18.7	-0.3
PCBR	Castelo Branco	103.71	310	ePP	PKIKP	23 26 52.8	+4.1
HAARP	HAARP	103.72	25	P	Pdfif	23 22 30.1	+0.1
KLU	Klutina	103.72	26	P	Pdfif	23 22 30.4	+0.2
E29M	Blow River	103.73	19	P	Pdfif	23 22 30.4	+0.5
I27K	Kandik River	103.79	22	P	Pdfif	23 22 31.6	+1.2
PVIS	Visou	103.89	311	i/LQ	LP	23 22 45.6	
PVIS	Visou	103.89	311	ePP	LP	23 27 00.9	+1.2
PGAV	Gaveira, Arco	103.96	313	i/LQ	LP	23 27 04.4	+1.5
PGAV	Gaveira, Arco	103.96	313	ePP	Sdfif	23 34 18.4	-2.8
PGAV	Gaveira, Arco	103.96	313	ePP	eSS	23 31 38.7	+2.7
EYAK	Cordova Ski Ar	104.15	27	P	Pdfif	23 22 30.7	-1.2
L26K	Log Cabin Wild	104.23	23	P	Pdfif	23 22 33.4	+1.1
PVAQ	Vaqueiros	104.26	308	i/LQ	LP	23 22 46.5	
PVAQ	Vaqueiros	104.26	308	ePP	LP	23 27 02.5	+1.1
PVAQ	Vaqueiros	104.26	308	ePP	Sdfif	23 34 24.6	+0.9
N25K	Chitina, Valde	104.27	26	IAMS_20	IAMS_20	00 12 09.6	
N25K	Chitina, Valde	104.27	26	P	Pdfif	23 22 32.7	+0.1
Q23K	Middleton Isla	104.28	29	IAMS_20	IAMS_20	00 12 47.3	
Q23K	Middleton Isla	104.28	29	P	Pdfif	23 22 32.9	+0.4
MID	Middleton Isla	104.28	29	IAMS_20	IAMS_20	00 12 47.3	
PBEJ	Beja	104.29	309	ePP	PP	23 27 01.9	+1.0
K27K	Chicken	104.32	23	IAMS_20	IAMS_20	00 18 25.7	
K27K	Chicken	104.32	23	P	Pdfif	23 22 33.9	+1.2
EVO	Evora	104.33	309	i/LQ	LP	23 22 47.7	
EVO	Evora	104.33	309	ePP	LP	23 27 03.6	+1.2
EGAK	Eagle	104.34	22	IAMS_20	IAMS_20	00 18 01.1	
EGAK	Eagle	104.34	22	P	Pdfif	23 22 33.2	+0.5
COI	Coimbra	104.36	311	i/LQ	LP	23 22 48.5	
COI	Coimbra	104.36	311	ePP	LP	23 27 09.6	+1.8
PMTG	Montargil	104.41	310	i/LQ	LP	23 27 05.4	+1.3
PMTG	Montargil	104.41	310	ePP	LP	23 27 05.4	+1.3
G29M	Pine Creek	104.44	20	IAMS_20	IAMS_20	00 10 15.6	
G29M	Pine Creek	104.44	20	P	Pdfif	23 22 34.1	+0.9
PCAS	Casmillo, Conde	104.45	311	i/LQ	LP	23 22 48.4	
PCAS	Casmillo, Conde	104.45	311	ePP	LP	23 27 05.4	+1.3
PBDV	Barranco-do-Ve	104.46	308	i/LQ	LP	23 22 48.0	
PBDV	Barranco-do-Ve	104.46	308	ePP	LP	23 27 05.2	+1.2
PCV	Castro Verde	104.48	308	i/LQ	LP	23 27 03.9	+1.1
PCV	Castro Verde	104.48	308	ePP	LP	23 27 03.9	+1.1
I28M	Miner Creek	104.49	22	P	Pdfif	23 22 34.1	+0.5
BMRM	Bremner River	104.51	27	P	Pdfif	23 22 32.2	-1.5
AVE	Averroes	104.57	304	IAMS_20	IAMS_20	00 13 22.6	
MESJ	Messejana	104.59	308	i/LQ	LP	23 22 49.2	
MESJ	Messejana	104.59	308	ePP	LP	23 27 42.8	+9.0
MESJ	Messejana	104.59	308	ePP	Pdfif	23 22 37.8	+3.1
MESJ	Messejana	104.59	308	ePP	Pdfif	23 26 56.7	+2.9
MESJ	Messejana	104.59	308	ePP	IAMS_20	IAMS_20	00 27 27.7
MESJ	Messejana	104.59	308	ePP	Pdfif	23 22 37.6	+3.1
M26K	Nabesna, AK	104.64	25	P	Pdfif	23 26 56.1	
M26K	Nabesna, AK	104.64	25	P	Pdfif	23 22 34.9	+0.7
H29M	Whitestone	104.67	21	IAMS_20	IAMS_20	00 11 49.8	
H29M	Whitestone	104.67	21	P	Pdfif	23 22 34.5	+0.3
PSBE	So Bento	104.77	310	i/LQ	LP	23 22 49.3	
PSBE	So Bento	104.77	310	ePP	LP	23 27 09.0	+1.4
SUMG	Summit	104.77	348	IAMS_20	IAMS_20	00 17 35.5	
PNCL	Nicolau Gran	104.79	309	i/LQ	LP	23 22 50.2	
PNCL	Nicolau Gran	104.79	309	ePP	LP	23 27 07.6	+1.3
F30M	Barrier River	104.82	19	P	Pdfif	23 22 35.7	+0.9
L27K	Beaver Creek	104.84	24	IAMS_20	IAMS_20	00 14 21.6	
L27K	Beaver Creek	104.84	24	P	Pdfif	23 22 36.2	+1.2
PACT	Alcochete	104.92	310	ePP	PP	23 27 08.7	+1.3
A36M	Sachs Harbour	104.96	13	IAMS_20	IAMS_20	00 16 26.5	
A36M	Sachs Harbour	104.96	13	P	Pdfif	23 22 35.4	+0.1
KAIM	Kayak Island	105.00	28	P	PP	23 26 53.8	-2.2
G30M	Aoch Zrail Nji	105.02	19	P	PKIKP	23 26 53.1	+2.7
MORF	Marnele	105.02	308	i/LQ	LP	23 22 53.8	
MORF	Marnele	105.02	308	ePP	LP	23 27 09.1	+1.2
MORF	Marnele	105.02	308	ePP	Pdfif	23 22 39.6	+3.2
MORF	Marnele	105.02	308	ePP	Pdfif	23 26 49.6	+2.6
MORF	Marnele	105.02	308	ePP	IAMS_20	IAMS_20	00 22 58.2
MORF	Marnele	105.02	308	eP	Pdfif	23 22 39.6	+3.2
MORF	Marnele	105.02	308	ePP	LP	23 26 59.6	
MORF	Marnele	105.02	308	ePP	LP	23 27 10.4	+1.3
MCARA	McCarthy VSAT	105.05	26	P	PP	23 26 53.8	-2.5
I29M	Ogilvie Camp,	105.13	21	P	PP	23 26 55.8	-1.0
M27K	Edge Creek, AK	105.13	25	P	PP	23 26 55.1	-1.9
INK	Inuvik	105.14	18	IAMS_20	IAMS_20	00 18 18.7	
INK	Inuvik	105.14	18	P	PP	23 26 54.0	-2.7
INK	Inuvik	105.14	18	P	PP	23 26 54.0	-2.7
EPYK	Eagle Plains	105.17	20	IAMS_20	IAMS_20	00 14 34.8	
EPYK	Eagle Plains	105.17	20	P	PP	23 26 54.9	-2.2
LIS	Lisbon	105.17	310	ePP	PP	23 27 00.9	+2.9
PFVI	Vila Bisbo	105.18	308	i/LQ	LP	23 22 49.9	
PFVI	Vila Bisbo	105.18	308	ePP	LP	23 27 10.4	+1.2
TULEG	Thule	105.28	357	IAMS_20	IAMS_20	00 18 24.1	
DAWY	Dawson	105.35	23	IAMS_20	IAMS_20	00 19 15.9	
WAX	Waxell Ridge	105.51	27	IAMS_20	IAMS_20	00 13 13.6	
J29N	Klondike Camp	105.61	22	IAMS_20	IAMS_20	00 19 31.7	

2018 JUN

ISLE	Juniper Island	105.68	27	IAMS_20	IAMS_20	00 20 44.9	
G31M	Satah River	105.69	19	IAMS_20	IAMS_20	00 16 08.4	
CTGM	Chitina Glacie	105.97	26	IAMS_20	IAMS_20	00 20 29.5	
MESA	MESA	106.03	27	IAMS_20	IAMS_20	00 11 24.4	
LOGN	Logan Glacier	106.17	26	IAMS_20	IAMS_20	00 18 58.0	
J30M	Hart River	106.25	22	IAMS_20	IAMS_20	00 16 31.5	
H31M	Peel River	106.29	20	IAMS_20	IAMS_20	00 17 01.5	
L29M	L29M	106.31	23	IAMS_20	IAMS_20	00 19 44.3	
M29M	Somme Creek	106.50	24	IAMS_20	IAMS_20	00 19 35.4	
RES	Resolute Bay	107.03	4	IAMS_20	IAMS_20	00 12 09.5	
C36M	Paulatuk	107.10	15	IAMS_20	IAMS_20	00 14 30.2	
M30M	Minto, Yukon	107.11	24	IAMS_20	IAMS_20	00 12 31.4	
BCPM	Bancas Point	107.17	27	IAMS_20	IAMS_20	00 15 42.5	
YKUK	Yakutat	107.36	27	IAMS_20	IAMS_20	00 12 27.5	
O29M	Mount Kennedy	107.48	26	IAMS_20	IAMS_20	00 15 52.6	
N32M	Kaisik Lake	107.55	25	IAMS_20	IAMS_20	00 21 29.3	
N31M	Braeburn, Yuko	108.08	24	IAMS_20	IAMS_20	00 19 22.2	
P29M	Winnipeg Craggy	108.17	26	IAMS_20	IAMS_20	00 16 38.9	
M31M	Drury Creek, Y	108.23	25	IAMS_20	IAMS_20	00 18 04.8	
O30N	Mendhalin	108.32	25	IAMS_20	IAMS_20	00 22 36.6	
WHY	Whitehorse	108.89	25	IAMS_20	IAMS_20	00 19 56.5	
TBI	Tubuai	109.14	115	eP	Pdfif	23 22 48.7	-6.3
TBI	Tubuai	109.14	115	ePP	PKIKP	23 27 04.3	+5.1
TBI	Tubuai	109.14	115	eS	SKKSac	23 34 44.5	+1.4
TBI	Tubuai	109.14	115	eS	SS	23 42 47.7	+0.6
TBI	Tubuai	109.14	115	eLR	LR	23 59 01.1	
TBI	Tubuai	109.14	115	eLR	LR	23 59 07.7	
SKAG	Skagway	109.32	26	IAMS_20	IAMS_20	00 23 18.2	
ANGA	Ammassalik, Gr	109.44	342	IAMS_20	IAMS_20	00 20 06.7	
S31K	Pelican	109.67	28	IAMS_20	IAMS_20	00 17 33.8	
P32M	Atlin	109.95	25	IAMS_20	IAMS_20	00 23 36.8	
P33M	Teslin, Yukon	109.99	25	IAMS_20	IAMS_20	00 22 09.7	
PP2T	Papeete2	110.02	109	eP	Pdfif	23 22 59.5	+0.4
PP2T	Papeete2	110.02	109	ePP	PP	23 27 21.1	-1.1
PP2T	Papeete2	110.02	109	eS	SKKSac	23 34 40.2	+3.2
PP2T	Papeete2	110.02	109	eSS	SS	23 42 57.6	-1.9
PP2T	Papeete2	110.02	109	eLR	LR	23 59 28.3	
PP2T	Papeete2	110.02	109	eLR	LR	23 59 28.3	
R32K	Eaglecrest	110.30	27	IAMS			

12d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAGL Barre de l'île, SMRT St. Maarten, SEUS St. Eustatius, etc.

ATH 12 23:13:09.2, 37:50N, 23:64E, h10km, 31km, ML 1.3/5, Error ellipse: s-maj=31.6km s-min=3.0km az=0.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLY Voula, Athens, VLY Voula, Athens, etc.

ATH 12 23:13:14.1, 37:76N, 23:77E, h7km, 1km, ML 1.1/5, Manual Solution by G. Panopoulou. This location: 2020/06/11 15:11:31 ML. Amplitudes are expressed in micrometers. All distances are expressed in degrees. Latitude uncertainty: 1 km; Longitude uncertainty: 1 km, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLY Voula, Athens, ATHU Athens Unvers, etc.

NEIC 12 23:24:22.7, 1.63, 56N, 0.01, 150.71W, 0.03, h13km, 5km, Error ellipse: s-maj=2.3km s-min=1.5km az=69.0

AEIC 12 23:24:22.1, 1.8, 63.58N, 0.02, 150.69W, 0.03, h9km, 5km, ML2.4, ML2.5/164(NEIC), Error ellipse: s-maj=3.4km s-min=2.3km az=171.0, Central Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTH Kantishna Hill, BPAW Bear Paw Mtn., CAST Castle Rocks, etc.

2018 JUN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like M22K Willow, GHO Glory Hole Cre, M20K Styx River, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H17K Rugged Mt, RAGM Nushagak Hills, N17K Nushagak Hills, etc.

IDC 12 23:32:34.5, 0.5, 20.31S, 169.52E, h0km, mb4.6/16, mbmp4.6/18, ML4.5/2, MS4.8/4, Error ellipse: s-maj=18.5km s-min=16.1km az=106.0

NOU 12 23:32:40.8, 20.42S, 169.13E, h0km, MLV.5/2/10, Vanuatu Islands

MOS 12 23:32:41.4, 1.4, 20.33S, 169.31E, h45km, mb5.3/28, Error ellipse: s-maj=11.9km s-min=9.0km az=116.2

GCMT 12 23:32:43.9, 0.2, 20.44S, 0.01, 169.15E, 0.01, h45km, MWS 4/11, Moment Tensor Solution, s88, c115, s11, c168, Duration: 19.2 Moment tensor: Scale 10^17

NEIC 12 23:32:43.9, 0.2, 20.44S, 0.01, 169.15E, 0.01, h49km, 5km, mb5.2/92, Mw=5.4/20, Error ellipse: s-maj=11.7km s-min=9.8km az=157.0

NEIC 12 23:32:45.5, 20.47S, 169.11E, h46km, NEIC 12 23:32:45.5, 20.57S, 169.33E, h46km, Moment Tensor Solution, Duration: 2.4 Moment tensor: Scale 10^17Nm

ISC 12 23:32:42.9, 0.4, 20.44S, 0.05, 169.30E, 0.06, h45km, 3km, h45P-P-P, n424, c1918/405, mb5.1/101, 37C-36D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, LIFNC LIFOU, LIFNC LIFOU, etc.

12d 23h

Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like I23K Minto, C23K Itkillik River, NEA2 Nenana, etc.

2018 JUN

Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like SCRK Sand Creek, C27K Jago, BMRM Bremner River, etc.

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Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like O30N Mendenhall, PLBC Pleasant Camp, M31M Drury Creek, etc.

ZALV	comp=Z,1.0nm,0.6s	pmax	pmax						
KHC	Kasperke Hory comp=Z,4.2nm,1.2s	33.04 313	P	P	01 48 07.0 +0.6				
FIAT	FINES Array S	33.95 339	P	P	01 48 15.2 +1.2				
FINES	FINES Array B	33.95 339	P	P	01 48 14.3 +0.2				
FINES	FINES Array B	33.95 339	P	P	01 48 13.8 -0.3				
FINES	FINES Array B	33.95 339	eP	P	01 48 14.7 +0.6				
VSL	Villasalto	34.55 295	P	P	01 48 19.4 -0.3				
SENI	Lac Senin/Sane	36.55 306	P	P	01 48 36.3 -0.7				
BNI	Bardonecchia	36.83 304	I	Amb	01 48 39.0 -0.3				
BNI	Bardonecchia	36.83 304	P	P	01 48 39.0 -0.3				
HFS	Hagfors	37.68 330	P	P	01 48 46.8 +0.7				
NC405	NORSAR Array S	39.03 331	I	Amb	01 48 57.7 +0.3				
NC405	NORSAR Array S	39.03 331	I	Amb	01 48 58.0				
NB2	NORSAR Subarray	39.20 330	P	P	01 48 58.5 -0.4				
NOA	NORSAR Array B	39.20 330	P	P	01 48 58.6 -0.3				
NOA	NORSAR Array B	39.20 330	eP	P	01 49 02.0 +3.1				
NB000	NORSAR Array S	39.38 330	P	P	01 49 03.2 +2.8				
NB000	NORSAR Array S	39.38 330	I	Amb	01 49 41.3				
ARCES	ARCCESS Array B	40.57 347	P	P	01 49 10.8 +0.6				
ARCES	ARCCESS Array B	40.57 347	eP	P	01 49 11.1 +0.9				
LZH	Lanzhou	43.60 69	eP	P	01 49 38.6 +3.1				
LZH	Lanzhou	43.60 69	pP	sP	01 49 46.8 +5.8				
PZH	PanZhiHua	44.26 83	P	P	01 49 40.1 -0.8				
PZH	PanZhiHua	44.26 83	pmax	pmax					
EKA	Eskdalemuir Ar	44.48 319	P	P	01 49 42.4 +0.3				
ESDC	Sonsee Array B	44.82 296	P	P	01 49 45.7 +0.6				
HHC	Hu-ho-hao-te	48.78 61	eP	sP	01 50 17.8 +1.6				
HHC	Hu-ho-hao-te	48.78 61	sP	sP	01 50 25.7 +4.0				
HHC	Hu-ho-hao-te	48.78 61	pmax	pmax					
TOAO	Torodi Ar. Sit	48.79 259	P	P	01 50 15.7 -0.7				
TOAO	Torodi Ar. Sit	48.79 259	I	Amb	01 50 20.8				
TORD	Torodi Ar. Bea	48.79 259	P	P	01 50 16.0 -0.4				
TORD	Torodi Ar. Bea	48.79 259	I	Amb	01 50 20.8				
TORD	Torodi Ar. Bea	48.79 259	P	P	01 50 16.3 -0.1				
SPITS	Spitsbergen Ar	49.02 351	P	P	01 50 18.5 +1.1				
SPITS	Spitsbergen Ar	49.02 351	eP	P	01 50 19.4 +2.0				
SPITS	Spitsbergen Ar	49.02 351	pmax	pmax					
ZEA	Zeya	57.23 43	eP	P	01 51 32.2 +1.4				
ZEA	Zeya	57.23 43	pmax	pmax					
KSR5	Korea Array	61.92 61	P	P	01 51 52.6 +1.8				
BOSA	Boshof	64.79 205	P	P	01 52 10.1 +0.3				
WRA	Warramunga Arr	94.77 110	P	P	01 54 52.1 -0.9				

IGT	baz=150	lgoumenitasa	0.85 146	P	S	Pg	01 51 13.2 -1.3		
IGT	Korca	Korca	0.90 65	P	S	Pg	01 51 25.6 -0.1		
KBN	baz=64	Korca	0.90 65	P	S	Pg	01 51 13.6 -1.7		
KBN	baz=64	Korca	0.90 65	P	S	Pg	01 51 26.5 -0.6		
KBN	baz=64	Korca	0.90 65	Pg	Pg	Pg	01 51 13.0 -2.3		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 32.7 +2.2		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 16.4 -0.7		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 15.9 -1.9		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 27.8 -3.0		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 17.1 -1.3		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 34.4 +0.6		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 34.2 +0.4		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 39.7 +5.9		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 18.1 -0.6		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 19.4 -0.8		
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KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 47.8 +2.9		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 40.4 -0.3		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 42.2 +0.1		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 52 17.3 +1.6		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 43.9 +1.2		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 52 22.1 -1.6		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 46.9 +2.0		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 46.7 +1.7		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 45.9 +1.7		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 51 45.9 +0.7		
KBN	baz=64	Korca	0.90 65	S	S	Sg	01 52 23.8 +2.0		
KBN	baz=64	Korca							

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PRED Cave del Predi, ZCCA Zocca, PSZ Piszkesteto, etc.

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like HINF Hinterfeld, ECH Echery, AK17 Malin Array Si, etc.

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like GROC Groznyy, HFS Hagfors, MDT Midelt, TAM Tamarrasset, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWK1 Hengchun, WHGT Dungg, PHUB Peng-hu, etc.

NEIC 13 02:00:21.0, 2.1, 23.4S, 0.1x179.2E, 0.1, h549km, 8km, mb4.6/33, Error ellipse: s-maj=20.5km s-min=15.7km az=139.0

ISC 13 02:00:25.2, 2.5, 23.38S, 178.96E, h605km, 27km, mb3.3/9, mbmp4.2/10, Error ellipse: s-maj=29.8km s-min=18.0km az=149.0

ISC 13 02:00:20.0, 2.0, 23.43S, 0.08x179.25E, 0.09, h555km, n75, +164.7V, mb4.4/26, 4D, South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSFV Nonsavu, NIUE Niue, LIFNC LIFOU, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MBWA Marble Bar, MORW Morawa, KIWB Kanaga Island, etc.

ISC 13 02:03:19.4, 0.7, 30.28S, 179.49W, h348km, 8km, mb3.1/3, mbmp4.0/5, Error ellipse: s-maj=22.4km s-min=19.3km az=104.0

ISC 13 02:03:19.7, 0.7, 30.41S, 0.07x179.6W, 0.1, h350km, n60, +1862.7V, mb3.5/5, 4C, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GLKZ Green Lake, RAO Raoul Island, MXZ Matakoaka Pt, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BSWZ Blackbirch Sta, THZ Tophouse, KHZ Kahutara, etc.

BUL 13 02:07:54.4, 0.0, 2.51S, 98.81E, h33km, mb5.1/78, mb5.4/66, Ms5.6/86, Ms7.5/383

IDC 13 02:07:55.0, 0.4, 1.91S, 98.67E, h0km, mb4.8/36, mbmp4.8/37, ML=5.1, MS4.7/45, Error ellipse: s-maj=15.4km s-min=10.7km az=49.0

MOS 13 02:07:56.1, 1.0, 1.82S, 98.66E, h14km, mb5.5/61, MS4.8/22, Error ellipse: s-maj=8.1km s-min=4.0km az=110.2

NEIC 13 02:07:57.2, 1.5, 1.93S, 0.07x98.67E, 0.07, h10km, 1km, mb5.4/135, Error ellipse: s-maj=13.9km s-min=9.6km az=228.0

GCMT 13 02:07:58.2, 0.2, 2.29S, 0.02x98.40E, 0.02, h19km, MV5.2/109, Moment tensor: 1s0, C110, s109, c176; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mw=4.40; 1.8; Mw=3.15; 1.2; Mw=1.25; 1.3; Mw=1.42; 2.3; Mw=2.15; 0.0; Mw=4.67; 4.0; Best double couple: M7.72000-0.16; NP1=135.00000; 3.73.00000; 1.97.00000; NP2=291.00000; 8.19.00000; 1.67.00000; Principal axes: T 7.7510, P162.0000, Azm56.0000; N -0.0540, P1g7.0000, Azm313.0000; P -7.6970, P1g27.0000; Azm219.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 13 02:07:58.2, 0.4, 2.52S, 9.99E, h16km, 3km, Ms2.6/61, Mb5.2/61, Mb5.7/34, MLV5.5/22, Mw5.1/35, Mw(Mb)=5.2/34, Mw(Mw)=5.2/13, Mw(Mw)=5.4/13

BGR 13 02:08:02.1, 2.35S, 96.94E, h23km, mb5.3, Ms4.9, ISC 13 02:08:02.1, 0.4, 2.01S, 0.04x98.86E, 0.04, h20km, 3km, h2C1=PP-P, n677, +1567.12, mb5.3/223, MS4.9/38, 49C-15W, Southwest of Sumatara

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SISI Saiba, PPSI Palau Pagai, PBSI Palau Batu, etc.

ELDTW	baz=1.0	eS	Sn	02 17 07.5	-1.7	WUSB	baz=2.0	eS	Sn	02 17 29.6	+0.5	HATJ	Hateruma jima	3.91	43	eP	Pn	02 17 13.0	+1.1					
CHN1	Nanshi	2.00	350	iP	Pn	02 16 46.1	+0.4	ETM	Tongmen	2.80	11	P	Pn	02 16 57.4	+0.7	HATJ	Santiauo Chiao	3.91	15	eP	Sn	02 17 57.2	+0.5	
CHN1	baz=347					02 17 09.2	-0.5	ETM	baz=9.0			S	Sn	02 17 29.2	-0.2	TWB1	Kinnen	3.92	325	ij	Pn	02 17 13.7	+1.7	
SSHA	Shanhua	2.00	344	eP	Pn	02 16 46.4	+0.7	HWA	Hwalien	2.83	13	iP	Pn	02 16 57.7	+0.5	KNM	baz=321			eS	Sn	02 17 12.5	+0.5	
SSHA	baz=341					02 17 09.8	+0.2	HWA	baz=12			eS	Sn	02 17 29.1	-1.2	KNM	baz=361			eS	Sn	02 17 56.0	-1.0	
FULB	Fuli	2.01	11	ijP	Pn	02 16 45.4	-0.5	WCS	Beigang Elemen	2.83	0	eP	Pb	02 17 00.1	-3.8	VDOS	Pratas Island	3.92	263	ij	Pn	02 17 12.9	+0.8	
FULB	baz=8.0					02 17 10.9	+0.8	WCS	baz=358			S	Sn	02 17 29.4	-0.9	VDOS	baz=262			eS	Sn	02 17 54.9	-2.3	
CHKH	Chenggong	2.03	13	ijP	Pn	02 16 45.6	-0.4	LXIB	Xiulin Townshi	2.84	10	ij	eP	Pn	02 16 56.5	-0.9	YMO1	YMO1	3.97	9	eS	Sn	02 17 57.5	-0.8
CHKH	baz=11					02 17 09.6	-0.8	LXIB	baz=8.0			eS	Sn	02 17 29.7	-0.9	SX11	Grass Mountain	3.97	13	eP	Pn	02 17 15.3	+2.5	
SNST	Tainan City	2.03	350	eP	Pb	02 16 47.3	-2.9	CHGB	Renai	2.85	5	P	Pn	02 16 58.4	+0.8	ZPLA	Ao Xicun	3.97	314	eP	Sn	02 17 15.8	+3.0	
SNST	baz=347					02 17 10.7	+0.1	CHGB	baz=3.0			iS	Sn	02 17 30.6	-0.4	ZPLA	baz=312			eS	Sn	02 17 58.7	+0.4	
WTP	Ta-pu	2.04	353	eS	Sn	02 17 10.9	+0.1	TWD	Chiawan	2.93	13	ij	eP	Sn	02 17 00.2	+1.7	KNMB	Chin-men Tao	3.98	325	Pn	Pn	02 17 12.7	-0.2
SCLT	Jiali	2.06	342	eP	Pn	02 16 47.0	+0.4	TWD	baz=11			S	Sn	02 17 32.2	-0.5	KNMB	Chin-men Tao	3.98	325	ij	eP	Sn	02 17 13.2	+0.3
SCLT	baz=339					02 17 10.9	-0.3	TCU	Taichung	2.93	356	eP	Pn	02 16 58.6	+0.1	KNMB	baz=323			eS	Sn	02 17 55.7	-2.9	
TSCK	Chigu Township	2.07	339	iP	Pn	02 16 47.3	+0.6	TCU	baz=11			S	Sn	02 17 32.5	-0.5	TNOU	National Taiwa	4.00	11	eP	Pn	02 17 15.7	+2.4	
TSCK	baz=336					02 17 10.4	-1.0	TCU	baz=354			S	Sn	02 17 32.5	-0.2	TNOU	baz=10.0			eS	Sn	02 17 58.6	-0.6	
TWK	Hsiinying	2.08	350	iP	Pn	02 16 47.3	+0.4	WHF	Hehuan Shan	2.94	7	eP	Pn	02 17 00.3	+1.3	YMO8	YMO8	4.01	9	eP	Pn	02 17 12.6	-0.8	
TWK	baz=347					02 17 12.2	+0.3	WHF	baz=5.0			S	Sn	02 17 32.6	-1.0	YMO8	baz=8.0			eS	Sn	02 17 56.0	-3.4	
TPUB	Ta-pu	2.10	353	P	Pb	02 16 50.4	-0.9	ETL	Fush Village	3.01	13	iP	Pn	02 17 00.3	+0.6	DSXP	Dongshan	4.06	308	eS	Sn	02 17 57.9	-2.6	
TPUB	Ta-pu	2.10	353	Pn	Pb	02 16 47.1	+0.1	ETL	baz=11			eS	Sn	02 17 36.5	+1.7	IRIF	Iriomote-Funau	4.07	40	P	Pn	02 17 15.2	+1.1	
TPUB	baz=351					02 17 11.2	-1.0	NACB	Ninganchiao	3.02	12	P	Pn	02 16 59.5	-0.2	IRIF	baz=8.0			eS	Pn	02 18 01.4	+0.7	
ECBN	Changbin	2.16	14	eP	Sn	02 16 47.8	-0.1	NACB	Ninganchiao	3.02	12	Pn	Pn	02 16 59.5	-0.2	PTMZ	Houxiangcun	4.15	337	ij	Pn	02 17 14.7	-0.5	
ECBN	baz=11					02 17 13.8	+0.1	NACB	baz=10.0			eS	Sn	02 17 32.3	-2.6	PTMZ	baz=335			eS	Sn	02 17 59.0	-3.7	
EYUL	Yuli	2.16	10	eP	Pn	02 16 48.1	+0.1	TDCB	Techi	3.04	5	P	Pn	02 17 01.0	+0.9	JKRS	Kuro-shima	4.17	43	P	Pn	02 17 16.8	+1.3	
EYUL	baz=8.0					02 17 12.5	-1.3	TDCB	baz=3.0			eS	Sn	02 17 36.3	+0.7	JKRS	JiJi	4.34	43	P	Pn	02 18 04.8	+1.6	
TWF1	Yuli	2.17	10	eP	Pn	02 16 47.1	-0.9	FUSS	Fushou	3.04	6	ij	eP	Pn	02 17 01.3	+1.1	JJ	Ishigaki jima	4.53	14	eP	Pn	02 17 18.7	+0.8
TWF1	baz=8.0					02 17 12.9	-1.0	FUSS	baz=4.0			eS	Sn	02 17 36.7	+0.9	PCYT	Pengchaiyu	4.53	14	eP	Pn	02 18 06.7	-0.7	
YULB	Yu-ii	2.20	10	P	Pn	02 16 47.3	-1.2	TWT	Tachien	3.04	5	eP	Pn	02 16 58.0	-2.1	JISG	Ishigakijimahi	4.61	42	P	Pn	02 17 21.9	+0.4	
YULB	Yu-ii	2.20	10	ij	Pn	02 16 47.7	-1.8	TWT	baz=3.0			eS	Sn	02 17 34.2	-1.5	JITJ	Tarama	4.90	45	P	Pn	02 17 26.7	+1.2	
YULB	baz=7.0					02 16 47.7	-0.8	TWT	baz=3.0			eS	Sn	02 17 34.2	-1.5	JITJ	Ma-tsu	5.00	350	eP	Sn	02 18 22.1	+0.9	
YULB	baz=7.0					02 17 12.5	-2.3	WHP	Taichung City	3.05	1	P	Pn	02 17 01.0	+0.7	MATB	baz=348			eS	Sn	02 17 26.4	-0.5	
ICHU	Vijhu	2.21	345	eP	Pn	02 16 48.3	-0.3	WHP	baz=359			eS	Sn	02 17 36.5	+0.6	MSUT	Lienchiang	5.02	350	iP	Pn	02 18 20.0	-3.6	
ICHU	baz=343					02 17 14.6	-0.4	TWQ1	Liyutan	3.13	358	eS	Sn	02 17 38.3	+0.7	MSUT	baz=348			eS	Sn	02 18 20.2	-4.0	
CHN8	Vijhu	2.22	344	eP	Pn	02 16 47.0	-1.7	WDJ	Dajia District	3.13	356	iP	Pn	02 17 02.3	+1.0	MHZO	Yeshan	5.16	341	eP	Pn	02 17 28.2	-0.9	
CHN8	baz=341					02 17 14.6	-0.5	WDJ	baz=354			eS	Sn	02 17 38.3	+0.7	MHZO	baz=339			eS	Sn	02 18 24.3	-3.3	
WCKO	Fanlu	2.23	353	eP	Pb	02 16 50.7	-3.0	EOS4	EOS4	3.18	24	P	Pn	02 17 02.5	+0.9	JMJ2	Miyako jima3	5.39	48	eS	Sn	02 18 35.7	+2.4	
WCKO	baz=351					02 17 14.8	-0.8	EOS4	baz=23			S	Sn	02 17 38.5	+0.2	JMJ	Miyako jima2	5.41	48	eP	Pn	02 17 32.5	-0.1	
EHYH	Wanrong	2.31	10	eP	Pn	02 16 49.1	-0.9	NSY	Sanyi	3.19	358	eP	Pn	02 17 05.1	+3.0	LYJJ	Jianjiangzhen	5.42	349	P	Pn	02 17 33.0	+0.3	
EHYH	baz=8.0					02 17 16.4	-1.0	NSY	baz=236			eS	Sn	02 17 40.5	+1.3	LYJJ	baz=348			eS	Sn	02 18 30.0	-4.0	
CHY	Chiayi	2.32	349	eP	Pn	02 16 49.1	-1.0	EAHA	Aohua	3.20	14	eP	Pn	02 17 01.4	+2.1	JIKM	Ikemajima	5.45	46	eP	Pn	02 17 34.2	+1.0	
CHY	baz=347					02 17 17.6	+0.1	EAHA	baz=12			eS	Sn	02 17 41.4	+2.1	JIKM	JiKM	5.73	354	eP	Pn	02 18 34.8	-0.1	
HGSD	Ruisui	2.32	12	ijP	Pn	02 16 49.7	-0.4	NNSB	Datong	3.23	8	eP	Pn	02 17 04.5	+1.7	XPSS	Dashiya	5.73	354	eP	Pn	02 17 36.5	-0.5	
HGSD	baz=10.0					02 17 15.8	-1.9	NNSB	baz=6.0			S	Sn	02 17 40.3	-0.1	XPSS	baz=352			eS	Sn	02 18 38.6	-3.1	
WDGT	Dungji	2.34	331	ij	Pn	02 16 49.6	-0.8	NNSH	Datong	3.24	8	eP	Pn	02 17 05.7	+2.9	SXFK	Yanhouchang	5.96	331	eP	Pn	02 17 39.8	-0.4	
CHN2	Minshiung	2.34	351	eP	Pn	02 16 49.1	-1.3	NNSH	baz=6.0			S	Sn	02 17 05.7	+2.9	SXFK	baz=329			eS	Sn	02 18 42.5	-5.0	
CHN2	baz=346					02 17 17.8	-0.4	NNS	Nan Shan	3.25	8	eP	Pn	02 17 39.8	-0.6	HKPS	Hong Kong Po S	6.37	281	eP	Pn	02 17 45.8	0.0	
WSL	Shulin Townsh	2.38	345	eP	Pn	02 16 51.2	+0.2	NNS	baz=6.0			eS	Sn	02 17 05.5	+2.5	HKPS	baz=279			eS	Sn	02 18 52.9	-4.5	
WSL	baz=343					02 17 18.9	-0.2	ENA	Nanau	3.30	14	iP	Pn	02 17 41.2	+0.6	JOW	Kunigami	8.76	49	Pn	Pn	02 18 17.4	-1.2	
VCHM	Qimei	2.41	326	ij	Pn	02 16 50.2	-1.1	ENA	baz=12			S	Sn	02 17 04.5	+0.9	JOW	Kunigami	8.76	49	Pn	Pn	02 18 16.4	-2.3	
WHYT	Xinyi Township	2.48	359	eP	Pb	02 16 55.1	-2.6	NMLH	Miaoii	3.31	358	eP	Pn	02 17 03.8	0.0	JMZ	Minamidaito 2	10.53	62	eP	Pn	02 18 38.6	-4.2	
WHYT	baz=357					02 17 21.8	+0.2	NMLH	baz=356			eS	Sn	02 17 43.7	+1.5	NJ2	Nanjing	10.95	351	eP	Pmax	02 17 33.0	+0.3	
WGK	Gukeng	2.48	353	eP	Pn	02 16 52.1	-0.2	EWUT	Wuta	3.32	14	P	Pn	02 17 05.3	+1.4	XAN	Xian	16.59	323	P	Pmax	02 20 09.7	+3.0	
WGK	baz=351					02 17 21.2	-0.5	EWUT	baz=12			eS	Sn	02 17 40.3	-2.0	XAN	baz=12nm,0.5s			P	sP	02 20 19.9	+1.4	
WDLH	Douliu	2.49	352	eP	Pn	02 16 52.9	+0.4	EOS3	EOS3	3.33	23	eP	Pn	02 17 05.7	+1.9	JMN	Monobe	16.96	40	P	Iamb	02 20 09.8	-1.0	
WDLH	baz=350					02 17 21.5	-0.3	EOS3	baz=22			eS	Sn	02 17 44.2	+1.8	JMN	baz=2.51nm,1.4s			P	Iamb	02 20 15.1		
WSF	Szhu	2.50	346	eP	Pn	02 16 52.4	-0.1	LATG	Datong	3.36	10	eP	Pn	02 17 04.5	0.0	KSR5								

13d 2h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like LUWI, JMM, USRK, JTM, KAPI, ULN, SONM, JKA, MTN, FITZ, MK31, MKAR, MKAN, MAKZ, COEN, ZAAO, ZALV, WB0, WBO, WRA, WRA, WRA, WB2, WB2, H11N1, H11N2, H11N3, WR0, H11S3, H11S1, H11S2, NIL, NIL, KURK, KURK, KURB, KURB, AS31, AS31, ASAR, ASAR, ASAR, ASAR, KK31, KK31, KKAR, KBL, KBL, CTAO, CTAO, BVAR, BVAR, MORW, MORW, TIXI, TIXI, ABKAR, DGAR, BBOO, GEYT, STKA, STKA, NIKH, L14K, L14K, D17K, H16K, M14K, M14K, N14K, K15K, K15K, K15K, O14K, C18K, E18K, E18K, E18K, E18K, E18K, N15K, N15K, H17K, F18K, O19K, O19K, L16K, L16K, L16K, J17K, J17K, S14K, M16K, M16K, M16K, CHNA, G16K, G16K, H18K, H18K, D19K, D19K.

2018 JUN

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like K17K, L17K, O16K, E19K, E19K, E19K, B20K, G19K, M17K, D20K, N17K, J18K, J18K, H19K, H19K, H19K, E20K, E20K, O17K, L18K, L18K, L18K, F20K, F20K, A22K, P17K, J19K, C21K, B21K, B21K, M18K, N18K, H20K, Q17K, E21K, I20K, B22K, B22K, L19K, L19K, L19K, O18K, O18K, P18K, J20K, J20K, J20K, G21K, G21K, M19K, K20K, K20K, K20K, N19K, N19K, N19K, D22K, D22K, D22K, L20K, L20K, H21K, H21K, F22K, E22K, M20K, G22K, C23K, C23K, C23K, CHUM, C23K, S11, D23K, H22K, CAST, CAST, PPLA, OHAK, COLD, TOLK, TOLK, TOLK, MLY, MLY, BPAW, BPAW, G23K, G23K, G23K, SKT, C24K, Q20K, D24K, D24K, D24K.

728

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like KDAK, KDAK, KDAK, H23K, H23K, H23K, E24K, E24K, SUA, I23K, I23K, CNPM, F24K, F24K, F24K, NEA2, NEA2, NEA2, D25K, D25K, RND, WHR, WHR, WAT1, KEV, POKR, SEW, C26K, C26K, E25K, G25K, F25K, SML, SML, ILAR, ILAR, IL03, HDA, WAT6, DHY, H25L, C27K, ARCES, ARCES, SPITS, SCM, SCM, PRP, PRP, F26K, J25K, K24K, GLI, P23K, G26K, M24K, M24K, PAX, KLU, D27M, E27K, E27K, F26K, F26K, E28M, E28M, L26K, I27K, I27K, F28M, F28M, GLB, GLB, M26K, M26K, M26K, VRDI, VRDI, EGAK, EGAK, MCARA, E29M, E29M, L27K, L27K.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BCAR Beaver Creek A, M27K Edge Creek, G29M Pine Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SLOZ Alcaidia de Sa, LOAL Lomas de Alarc, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WMGZ Waionatatin S, PKGZ Pakihiro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MRHZ Matea Rd, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like PYZ Puysugur Point, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, etc.

JMA 13 02:52:30.8, 0.2, 24.1, 1.1, 122.33E, 0.3, h12km, 3km, TAP 13 02:52:31.1, 24.03N, 122.33E, h24km, ML3.2, C

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like E04 E04, E03 E03, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NACB Ninganchiao, JYNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NDS 02 52 58.2 -1.1, WARBZ Fengzin Townsh, etc.

13d 3h

2018 JUN

730

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ECS Chishang, SMLT Sun Moon Lake, WHP Taichung City, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHO comp=E,910nm,0.2s, SHO Shikotan, SHO Shikotan, etc.

ATH 13 03:08:24.6, 40°37'N, 19°67'E, h6km, 1km, ML2.7/11, Manual Solution by D.Makarits This location: 2020/07/10 16:20:23 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

MOS 13 03:19:35.1±1.0, 44°49'N, 148°49'E, h47km, mb4.1/2, Error ellipse: s-maj=16.0km s-min=10.5km az=63.6

NEIC 13 03:28:40.7, 19°30'N, 0°01'155''E, h0km, mb3.5/4, mbtm3.4/5, ML3.6/1, Error ellipse: s-maj=77.4km s-min=25.6km az=95.0, Near north coast of Irian Jaya

13d 4h

Table of station data for 13d 4h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2018 JUN

Table of station data for 2018 JUN, including columns for station name, coordinates, and various parameters like elevation and frequency.

734

Table of station data for 734, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H31M, I30M, K27K, PAX, J30M, etc.

NEIC 13 05:03:03.8±1.0, 19.402N,0.010:155.290W±0.009, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.4km az=164.0

HVO 13 05:03:03.2±0.7, 19.411N,0.009:155.267W±0.009, h1km,3km, ML2.8/39, ML2.8/33(NEIC), Error ellipse: s-maj=1.4km s-min=1.1km az=176.0, Hawaiian Islands

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

NNC 13 05:18:44.8±2.6, 53.30N,87.86E, h0km, mb2.9, mpv2.6, Error ellipse: s-maj=23.3km s-min=9.3km az=65.0, Suspected Mining explosion.

IDC 13 05:18:45.3±3.1, 53.57N,87.75E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=26.4km s-min=14.8km az=62.0

ISC 13 05:18:43.0±4.5, 53.44N,0.188:1E,0.3, h0km, n9, z29/012, 5C-7D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZAAO, ZALV, KURK, etc.

ISK 13 05:22:40.9, 39.29N,40.20E, h4km, ML2.9/5 AFAD 13 05:22:41.4±0.0, 39.30N,40.13E, h7km,5km, ML2.2 ISC 13 05:22:41.2±1.0, 39.28N,0.03:40.15E,0.03, h9km,11km, n15, c064/24, Turkey

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

NEIC 13 05:33:49.5±0.8, 19.364N,0.009:155.280W±0.005, h2km, 2km, Error ellipse: s-maj=1.4km s-min=0.4km az=157.0

HVO 13 05:33:48.7±0.8, 19.400N,0.008:155.273W±0.007, h0km,5km, ML3.4/46, ML3.4/43(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=203.0, Hawaiian Islands

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

NEIC 13 05:43:26.8±0.9, 19.409N,0.009:155.284W±0.009, h5km, 1km, Error ellipse: s-maj=2.8km s-min=1.5km az=159.0

HVO 13 05:43:26.1±0.9, 19.401N,0.009:155.266W±0.006, h0km,5km, ML2.8/41, ML2.6/42(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=186.0, Hawaiian Islands

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

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

KRSC 13 05:59:08.7±0.8, 56.01N,163.17E, h2km,6km, MI3.8, Near east coast of Kamchatka Peninsula

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

IDC 13 06:13:53.2±1.3, 9.50S, 150.11E, h0km, mb3.5/4, mbtmp3.5/6, ML2.4/2, Error ellipse: s-maj=38.1km s-min=27.9km az=151.0

ISC 13 06:13:58.5±1.2, 9.65S, 0.2:150.1E, 0.1, h35km, n7, r1904/8, mb3.7/3, Eastern New Guinea region

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

SKHL 13 06:14:30.9±2.4, 44.00N,148.60E, h30km,5km, mb4.4/3 JMA 13 06:14:30.6±0.6, 44.1N,3.14E, h0km, MV3.9/22, SE OFF ETOROFU

ISC 13 06:14:29.9±0.4, 44.1N,0.1:148.4E, 0.2, h13km,28km, n15, c085/22, Kuril Islands

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

IDC 13 06:20:21.4±3.0, 53.49N,87.59E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=25.9km s-min=14.1km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, etc.

FLOR3	Plostina Array	78.93 317	P	P	07 11 05.5 +0.8
	comp=Z,45nm,1.3s,comp=Z,907nm				
TESR	Tescani	79.09 318	↑P	P	07 11 06.2 +0.7
TESR	Tescani	79.09 318	P	P	07 11 05.5 -0.1
	comp=Z,97nm,1.5s,comp=Z,1µm				
THAS	Thassos island	79.09 312	P	P	07 11 03.3 -2.4
ADZR	Andezoro	79.14 337	eP	P	07 11 01.2 -4.2
	ADZR			pmax	
	comp=Z,122nm,1.2s				
DION	Dionisos Attili	79.19 309	P	P	07 11 04.3 -2.0
COVR	Voineasa-Covas	79.22 317	↑P	P	07 11 07.3 +1.0
LUBAR	Lubar, Ukraine	79.27 322	P	P	07 11 05.2 -1.3
ANKY	Antikythira Is	79.28 307	P	P	07 11 04.3 -2.5
ATHU	Athens Univeris	79.28 309	P	P	07 11 08.2 +1.4
RZN	Rozhen	79.31 313	P	P	07 11 07.5 +0.4
MLR	Muntele Rosu	79.31 317	↑P	P	07 11 07.9 +0.9
MLR	Muntele Rosu	79.31 317	IAMB	IAMB	07 11 15.6
	comp=Z,86nm,1.1s				
MLR	Muntele Rosu	79.31 317	P	P	07 11 07.2 +0.2
	comp=Z,91nm,1.4s,comp=Z,1µm				
MLR	Muntele Rosu	79.31 317	↑P	P	07 11 07.9 +0.9
KAVA	Kavala	79.33 312	P	P	07 11 04.1 -2.9
ATH	Athens Observa	79.33 309	P	P	07 11 08.8 +1.7
MSVF	Nonsavu	79.34 308	P	P	07 11 08.5 +0.9
MSVF	Nonsavu	79.34 108f	eP	P	07 11 07.4 -0.2
	comp=Z,52nm,2.9s			pmax	
	MSVF			MLR	
	comp=Z,1µm,18.0s				
BKZ	Black Stump Fm	79.37 129	P	P	07 11 10.0 +2.6
BKZ	Black Stump Fm	79.37 129	P	P	07 11 07.3 -0.1
BKZ			IAMB	IAMB	07 11 15.6
	comp=Z,93nm,0.9s				
BKZ			IAMS_20	IAMS_20	07 47 25.6
TURR	Turia	79.40 317	↑P	P	07 11 07.8 +0.5
RTZ	Ruatuhuna	79.69 129	IAMS_20	IAMS_20	07 46 31.2
	comp=Z,3µm,21.0s				
KMPD	K-Podoi'skiy	79.73 320	P	P	07 11 08.3 -0.7
	KMPD			↑P	07 11 07.7 +1.3
DOPR	Dopca	79.81 317	↑P	P	07 11 10.0 +0.5
VOIR	Voire	79.91 317	↑P	P	07 11 10.9 +0.7
VOIR	Voire	79.91 317	P	P	07 11 10.6 +0.4
	comp=Z,11nm,1.5s,comp=Z,578nm				
VOIR	Musomishta	80.00 313	↑P	P	07 11 10.9 +0.7
HORT	Hortiatzi	80.30 312	P	P	07 11 11.0 +0.3
BURAR	Bucovina Array	80.31 319	↑P	P	07 11 13.0 +0.7
BURAR	Bucovina Array	80.31 319	P	P	07 11 12.6 +0.3
BURAR			IAMB	IAMB	07 11 21.2
	comp=Z,45nm,1.0s				
BUR08	Bucovina Ar. S	80.33 319	IAMB	IAMB	07 11 21.0
	comp=Z,7.5nm,1.1s				
MPEP	Malo Peshtene	80.38 314	iP	P	07 11 12.8 +0.2
GUR	Goura	80.39 309	P	P	07 11 07.8 -5.2
MNK	Mlnsk	80.50 326	iP	P	07 11 14.0 +1.0
	comp=E,11nm,0.9s				
MNK			iP	P	07 11 14.0 +1.0
	comp=N,19nm,0.8s				
MNK			iPP	PP	07 14 17.0 +0.6
MNK			iPPP	PPP	07 16 04.5
MNK			iS	S	07 21 20.9 +2.2
MNK			iSS	SSS	07 26 15.5 -1.5
MNK			iSSS	SSS	03 00 11.1
MNK			iLO	LO	07 41 13.4
MNK			iLR	LR	07 45 30.9
MNK			iLRM	MLR	07 48 06.5
	comp=N,2µm,19.1s				
MNK			iLRM	MLR	07 48 12.3
	comp=E,173nm,15.6s				
MNK			iLRM	MLR	07 48 16.8
	comp=Z,491nm,16.2s				
MNK	Mlnsk	80.50 326	iP	P	07 11 14.0 +1.0
MNK			i	P	07 11 19.2
MNK			i	P	07 14 17.0
MNK			iPPP	PPP	07 16 04.4
MNK			iS	S	07 21 20.8 +2.2
	comp=N,19nm,0.8s			pmax	
MNK				pmax	
	comp=Z,21nm,1.2s				
MNK				pmax	
	comp=E,11nm,0.9s				
MNK				MLR	MLR
	comp=N,2µm,19.0s				
MNK				MLR	MLR
	comp=E,173nm,16.0s				
MNK				MLR	MLR
	comp=Z,491nm,16.0s				
KKB	Krupnik	80.52 313	iP	P	07 11 12.5 -0.9
KLK	Kalavryta, Ach	80.56 309	P	P	07 11 15.2 +1.4
KSV	Kosov	80.57 320	P	P	07 11 12.9 -0.7
ITM	Ithomi	80.59 308	IAMB	IAMB	07 11 21.2
	comp=Z,86nm,1.3s				
VTS	Vitosha	80.59 314	iP	P	07 11 13.4 -0.6
AGG	Agios Georgios	80.59 310	IAMB	IAMB	07 11 20.3
	comp=Z,100nm,1.9s				
AGG	Agios Georgios	80.59 310	P	P	07 11 10.7 -3.2
VALD	Valchedram	80.66 315	eP	P	07 11 14.5 +0.4
LIT	Litokhoron	80.67 311	IAMB	IAMB	07 11 20.9
	comp=Z,54nm,1.0s				
LIT	Litokhoron	80.67 311	P	P	07 11 12.7 -1.6
RNPFS	Staryi Chortor	80.77 323	P	P	07 11 13.8 -0.7
RNPFS	Sopachiv	80.82 323	P	P	07 11 14.7 -0.1
EFP	Efpalio	80.82 309	P	P	07 11 08.9 -6.2
DRO	Drossia	80.89 309	P	P	07 11 15.7 +0.2
TSUM	Tsumeb	80.90 251	P	P	07 11 16.2 +0.1
TSUM	Tsumeb	80.90 251	IAMS_20	IAMS_20	07 45 12.8
	comp=Z,2µm,18.0s				
TSUM	Tsumeb	80.90 251	LR	LR	07 45 06.7
	comp=Z,2µm,18.0s,baz=142,slow=34				
EVY	Evyrytania	80.98 310	P	P	07 11 12.7 -3.4
STNU	Starunia	81.03 320	P	P	07 11 16.2 +0.2
RAKU	Rahkiv	81.09 319	P	P	07 11 16.0 -0.4
VALR	Valaam	81.20 333	eP	P	07 11 16.4 -0.2
VALR				pmax	
	comp=Z,34nm,1.1s				
NACGM	Naroch	81.23 326	eP	P	07 11 15.0 -1.9
	comp=Z,55nm,1.0s,baz=103				
IDID	Didziasalis	81.37 327	eP	P	07 11 18.4 +0.8
WIN	Windhoek	81.43 248	IAMS_20	IAMS_20	07 45 19.8
	comp=Z,2µm,18.0s				
GZR	Gura Zlata	81.47 316	↑P	P	07 11 18.9 +0.4
GZR	Gura Zlata	81.47 316	P	P	07 11 18.9 +0.4
MARR	Marisel-Cluj	81.50 318	↑P	P	07 11 19.8 +1.1
MORS	Morshin	81.52 320	P	P	07 11 19.3 +0.8
JOF	Joensuu	81.57 335	eP	P	07 11 18.9 +0.3
LJV	L'vov	81.58 321	eP	S	07 21 37.8 -0.3
LJV				S	07 21 27.8 -2.5
HERR	Herculane	81.62 316	↑P	P	07 11 19.8 +0.6
FNA	Florina	81.62 312	P	P	07 11 14.2 -5.2
ISAL	Salakas	81.78 327	eP	P	07 11 20.5 +0.7
SKO	Skojpe	81.78 313	iP	P	07 11 21.2 +1.1
DRGR	Drigr	81.79 318	↑P	P	07 11 20.7 +0.5
DRGR	Drigr	81.79 318	↑P	P	07 11 20.7 +0.5
LKD2	Lefkada island	81.84 309	P	P	07 11 18.2 -2.4
FSK	Fiskardo	81.86 309	P	P	07 11 16.7 -3.9
MDVR	Moldovita	82.09 316	↑P	P	07 11 22.3 +0.5
CHR	Ohrid	82.11 312	iP	P	07 11 21.5 -0.5
IGT	Goumenitsa	82.21 310	P	P	07 11 20.3 -2.3
LVD	Lovozero	82.25 340	eP	P	07 11 20.6 -1.5
	comp=Z,30nm,1.3s			pmax	
VSU	Vasula	82.26 330	eP	P	07 11 21.9 -0.3
	comp=Z,46nm,1.3s			pmax	
BZS	Buzias	82.31 316	↑P	P	07 11 23.0 +0.2
BZS	Buzias	82.31 316	↑P	P	07 11 23.0 +0.2
KWP	Kalvaria Pacla	82.38 320	eP	P	07 11 24.4 +1.3
KWP				S	07 21 37.8 -0.6
	comp=Z,1µm,19.2s				
SIRR	Siria	82.40 317	↑P	P	07 11 24.3 +0.9
VNDA	Vanda	82.49 169	P	P	07 11 23.4 +0.2
	comp=Z,7.4nm,1.0s,baz=304,slow=5.1,SNR=17				
VNDA				LR	07 43 20.1
	comp=Z,1µm,21.4s,baz=314,slow=32				
KOLS	Kolonice sedl	82.52 320	eP	P	07 11 24.6 +0.8
KOLS	Kolonice sedl	82.52 320	eP	P	07 11 24.6 +0.8
SHEM	Shemka Is, Ala	82.78 36	LR	LR	07 46 50.8
	comp=Z,431nm,21.8s,baz=274,slow=35				
ARBE	Arbavere	82.91 331	eP	P	07 11 27.1 +1.6
PUK	Puka	82.93 313	IAMB	IAMB	07 11 33.3
	comp=Z,65nm,1.6s				
PABE	Paberze	82.94 326	eP	P	07 11 27.1 +1.3
CRVS	Cervenica-Dubn	83.03 320	eP	P	07 11 26.8 +0.3
CRVS	Cervenica-Dubn	83.03 320	eP	P	07 11 26.8 +0.3
SUW	Suwalki	83.04 325	eP	S	07 11 24.7 -1.7
SUW				S	07 21 40.7 -4.2
SUW				L	07 53 50.6
	comp=Z,1µm,20.8s				
SUW	Suwalki	83.04 325	eP	P	07 11 26.3 -0.1
RAO	Raoul Island	83.35 119	LR	LR	07 50 30.8
	comp=Z,1µm,19.4s,baz=277,slow=37				
FINES	FINES Array B	83.42 333	P	P	07 11 28.1 -0.1
	comp=Z,12nm,0.6s,baz=106,slow=5.5,SNR=33				
FRGS	Fruska Gora	83.49 316	P	P	07 11 29.3 +0.3
	comp=Z,18nm,1.5s,comp=Z,623nm				
BILL	Bilbino	83.58 20	P	P	07 11 27.8 -1.1
	comp=Z,2µm,18.0s		IAMS_20	IAMS_20	07 51 03.7
BILL	Bilbino	83.58 20	eP	P	07 11 28.0 -0.9
BILL				i	07 11 34.9
BILL				i	07 14 44.2
	comp=Z,28nm,1.8s			pmax	
BILL				MLR	MLR
SBA	Scott Base	83.59 169	P	P	07 11 29.5 +0.7
SBA	Scott Base	83.59 169	P	P	07 11 29.5 +0.7
	comp=Z,27nm,1.1s				
ELIB	Princess Elisa	83.62 198	dP	P	07 11 30.3 +1.0
	comp=Z,11nm,1.4s				
NIE	Niedzica	83.88 320	ePP	PP	07 11 27.8 -3.1
NIE				S	07 14 31.4 -1.3
NIE				L	07 21 53.8 +0.2
	comp=Z,649nm,22.1s				
PSZ	Piszkesteto	83.88 318	↑P	P	07 11 31.7 +0.7
PSZ	Piszkesteto	83.88 318	IAMB	IAMB	07 11 38.9
	comp=Z,35nm,1.2s				
PSZ	Piszkesteto	83.88 318	↑P	P	07 11 31.7 +0.7
MEF	Mestahovi	83.89 331	eP	P	07 11 31.8 +0.5
KEF	Keuruu	84.17 333	eP	P	07 11 31.4 -0.6
PBUR	Paburge	84.18 327	eP	P	07 11 33.8 +1.6
OJC	Ojcow	84.34 321	eP	PP	07 11 33.2 0.0
OJC				PP	07 14 36.6 -1.1
OJC				S	07 21 55.3 -2.9
OJC				L	07 58 31.0
	comp=Z,1µm,18.0s				
VYHS	Vyhne	84.68 31			

PPLA	Purkeypyle	100.39	26	P	Pdif	07 12 47.6	-0.3
CHIR	Chirikof Isian	100.42	34	IAMS_20	IAMS_20	08 02 58.6	
CHIR	Chirikof Isian	100.42	34	P	Pdif	07 12 47.7	-0.3
D25K	Kavik River	100.46	19	P	Pdif	07 12 47.7	-0.3
BPWA	Bear Paw Mtn.	100.55	25	P	Pdif	07 12 48.6	+0.1
H23K	Yukon River	100.59	23	IAMS_20	IAMS_20	08 01 49.3	
H23K	Yukon River	100.59	23	P	Pdif	07 12 48.6	0.0
F24K	Squaw Lake	100.62	21	P	Pdif	07 12 48.9	+0.1
R16K	Karluk	100.67	32	P	Pdif	07 12 48.9	-0.2
C26K	Camden Bay	100.69	18	P	Pdif	07 12 48.9	0.0
KTH	Kantishna Hill	100.75	25	IAMS_20	IAMS_20	08 06 22.6	
Q19K	Cape Douglas	100.76	30	IAMS_20	IAMS_20	08 03 15.2	
Q19K	Cape Douglas	100.76	30	P	Pdif	07 12 48.2	-1.3
P19K	Oil Pt	100.78	29	IAMS_20	IAMS_20	08 05 02.7	
P19K	Oil Pt	100.78	29	P	Pdif	07 12 49.1	-0.5
N20K	Mount Spurr	100.86	28	P	Pdif	07 12 48.9	-1.0
SPCR	Spurr Chakacha	100.86	28	P	Pdif	07 12 48.4	-1.6
I23K	Minto, Yukon-K	100.89	24	IAMS_20	IAMS_20	08 00 12.2	
I23K	Minto, Yukon-K	100.89	24	P	Pdif	07 12 49.9	+0.1
ESDC	Sonsecsa Array	100.92	310	PP	PP	07 16 58.3	-0.5
SKT	Skwentna	100.95	27	IAMS_20	IAMS_20	08 05 55.0	
SKT	Skwentna	100.95	27	P	Pdif	07 12 49.4	-0.9
O20K	Slope Mountain	100.96	29	P	Pdif	07 12 49.1	-1.4
SII	Sitkinak Isian	101.05	33	IAMS_20	IAMS_20	08 07 37.9	
SII	Sitkinak Isian	101.05	33	P	Pdif	07 12 50.1	-0.7
BWN	Browne	101.17	24	IAMS_20	IAMS_20	08 03 20.4	
NEA2	Nenana	101.19	24	IAMS_20	IAMS_20	08 04 18.2	
NEA2	Nenana	101.19	24	P	Pdif	07 12 51.2	-0.1
C27K	Jago River	101.19	18	P	Pdif	07 12 51.6	+0.5
E25K	Arctic Village	101.20	20	IAMS_20	IAMS_20	08 00 01.5	
E25K	Arctic Village	101.20	20	P	Pdif	07 12 51.5	+0.2
OHAK	Old Harbor	101.36	32	P	Pdif	07 12 51.9	-0.3
CUT	Chulitna	101.38	26	IAMS_20	IAMS_20	08 07 16.6	
CUT	Chulitna	101.38	26	P	Pdif	07 12 51.4	-0.8
F25K	Christian River	101.39	21	P	Pdif	07 12 51.9	-0.3
SUA	Susitna One	101.46	27	IAMS_20	IAMS_20	08 05 58.5	
SUA	Susitna One	101.46	27	P	Pdif	07 12 51.4	-1.3
Q20K	Shuyak Island	101.47	30	P	Pdif	07 12 51.9	-0.7
SYI	Shuyak Island	101.47	30	IAMS_20	IAMS_20	08 03 38.0	
MCK	McKinley	101.53	25	P	Pdif	07 12 52.1	-0.8
G25K	Bearman Lake	101.55	21	P	Pdif	07 12 52.4	-0.4
HOM	Homer	101.56	29	IAMS_20	IAMS_20	08 06 54.1	
COLA	College	101.58	24	P	Pdif	07 12 51.9	-1.0
KDAK	Kodiak Island	101.59	31	P	Pdif	07 12 52.6	-0.6
WRH	Wood River Hill	101.63	24	IAMS_20	IAMS_20	08 04 40.8	
M22K	Willow	101.65	27	IAMS_20	IAMS_20	08 06 17.7	
M22K	Willow	101.65	27	P	Pdif	07 12 53.0	-0.4
POKR	Poker Flat Res	101.66	23	IAMS_20	IAMS_20	08 00 36.7	
POKR	Poker Flat Res	101.66	23	P	Pdif	07 12 53.5	+0.1
RND	Reindeer	101.67	25	IAMS_20	IAMS_20	08 03 45.1	
CCB	Clear Creek Bu	101.68	24	IAMS_20	IAMS_20	07 59 18.2	
CNPM	China Pool	101.79	29	IAMS_20	IAMS_20	08 07 03.5	
FIS	Fire Island	101.80	28	IAMS_20	IAMS_20	08 06 18.5	
H25L	Birch Creek	101.85	22	P	Pdif	07 12 54.5	+0.4
F26K	Sheenjek River	101.87	20	P	Pdif	07 12 54.2	-0.1
BRLK	Bradley Lake	101.89	29	IAMS_20	IAMS_20	08 04 26.0	
FYU	Fort Yukon	101.94	22	IAMS_20	IAMS_20	08 05 00.1	
BRSE	Bradley Lake S	101.97	29	P	Pdif	07 12 54.1	-0.7
WAT1	Susitna Watana	102.00	26	P	Pdif	07 12 54.3	-0.7
ILAR	Eielson Array	102.02	23	P	Pdif	07 12 54.9	0.0
ILAR	Eielson Array	102.02	23	PP	PP	07 17 05.4	-0.7
RC01	Rabbit Creek A	102.03	28	IAMS_20	IAMS_20	08 06 26.8	
RC01	Rabbit Creek A	102.03	28	P	Pdif	07 12 54.9	-0.7
HDA	Harding Lake	102.11	24	IAMS_20	IAMS_20	08 07 38.6	
HDA	Harding Lake	102.11	24	P	Pdif	07 12 54.5	-0.8
PMR	Palmer	102.15	27	P	Pdif	07 12 55.1	-0.5
GHO	Glory Hole Cre	102.19	27	IAMS_20	IAMS_20	08 06 44.7	
D27M	Malcolm River	102.23	18	P	Pdif	07 12 55.7	-0.2
O22K	Cooper Landing	102.23	28	IAMS_20	IAMS_20	08 07 42.0	
O22K	Cooper Landing	102.23	28	P	Pdif	07 12 55.1	-0.9
PRP	Porcupine Dome	102.25	23	P	Pdif	07 12 55.7	-0.4
G26K	Porcupine River	102.31	21	P	Pdif	07 12 55.8	-0.4
DHY	Denali Highway	102.42	25	IAMS_20	IAMS_20	08 05 29.8	
DHY	Denali Highway	102.42	25	P	Pdif	07 12 56.5	-0.4
WAT6	Susitna Watana	102.44	26	P	Pdif	07 12 56.6	-0.5
SML	Sawmill	102.44	27	IAMS_20	IAMS_20	08 05 51.5	
SML	Sawmill	102.44	27	P	Pdif	07 12 56.3	-0.6
SEW	Seward	102.48	28	P	Pdif	07 12 56.8	-0.2
KNK	Knik Glacier	102.52	27	IAMS_20	IAMS_20	08 06 22.5	
KNK	Knik Glacier	102.52	27	P	Pdif	07 12 56.7	-0.6
E27K	Coleen River	102.52	19	P	Pdif	07 12 56.9	-0.3
J25K	Salcha River	102.67	23	IAMS_20	IAMS_20	08 09 13.3	
J25K	Salcha River	102.67	23	P	Pdif	07 12 57.4	-0.5
M23K	Glacier View	102.72	26	P	Pdif	07 12 58.2	+0.1

K24K	Donnelly Dome	102.81	24	P	Pdif	07 12 58.3	-0.2
D28M	Stokes Point	102.88	18	P	Pdif	07 12 59.0	+0.3
SCM	Sheep Creek Mo	102.88	26	IAMS_20	IAMS_20	08 06 12.0	
SCM	Sheep Creek Mo	102.88	26	P	Pdif	07 12 58.6	-0.4
E28M	Babbage River	102.99	19	P	Pdif	07 12 59.2	0.0
G27K	Doyon Strip	103.13	21	IAMS_20	IAMS_20	08 07 23.4	
G27K	Doyon Strip	103.13	21	P	Pdif	07 13 00.2	+0.3
I26K	Coal Creek Min	103.24	22	IAMS_20	IAMS_20	08 03 10.5	
I26K	Coal Creek Min	103.24	22	P	Pdif	07 12 59.8	-0.6
PAX	Paxson	103.26	25	P	Pdif	07 13 00.2	-0.5
M24K	Tolsona, Glenn	103.29	26	IAMS_20	IAMS_20	08 07 38.8	
M24K	Tolsona, Glenn	103.29	26	P	Pdif	07 13 00.6	-0.1
GLI	Glacier Island	103.32	27	P	Pdif	07 13 00.3	-0.5
F28M	Old Crow	103.36	20	IAMS_20	IAMS_20	08 07 35.5	
F28M	Old Crow	103.36	20	P	Pdif	07 13 00.5	-0.4
J26L	Joseph Creek	103.43	23	IAMS_20	IAMS_20	08 04 14.3	
J26L	Joseph Creek	103.43	23	P	Pdif	07 13 00.7	-0.7
H27K	Steamboat Moun	103.44	21	P	Pdif	07 13 01.6	+0.3
SCRK	Sand Creek	103.47	24	IAMS_20	IAMS_20	08 05 09.6	
SCRK	Sand Creek	103.47	24	PP	PP	07 13 01.0	-0.6
P23K	Montague Isian	103.48	28	P	Pdif	07 13 00.8	-0.7
HARP	HAARP	103.62	25	P	Pdif	07 13 02.0	-0.2
E29M	Blow River	103.62	19	P	Pdif	07 13 01.8	-0.2
KLU	Klutina	103.63	26	IAMS_20	IAMS_20	08 06 52.8	
KLU	Klutina	103.63	26	P	Pdif	07 13 02.1	-0.2
I27K	Kandik River	103.69	22	P	Pdif	07 13 02.5	0.0
EYAK	Cordova Ski Ar	104.06	27	P	Pdif	07 13 03.7	-0.4
L26K	Log Cabin Wild	104.13	25	IAMS_20	IAMS_20	08 06 11.0	
N25K	Chitina, Valde	104.17	26	IAMS_20	IAMS_20	08 02 30.2	
N25K	Chitina, Valde	104.17	26	P	Pdif	07 13 04.6	-0.1
Q23K	Middleton Isla	104.18	29	P	Pdif	07 13 04.8	+0.1
K27K	Chicken	104.22	23	IAMS_20	IAMS_20	08 03 00.2	
K27K	Chicken	104.22	23	P	Pdif	07 13 05.1	+0.3
EGAK	Eagle	104.24	22	IAMS_20	IAMS_20	08 09 51.8	
G29M	Pine Creek	104.34	20	P	Pdif	07 13 04.9	-0.3
I28M	Miner Creek	104.38	22	P	Pdif	07 13 04.8	-0.8
BMRM	Bremner River	104.42	27	P	Pdif	07 13 05.8	0.0
AVE	Averroes	104.45	304	IAMS_20	IAMS_20	08 03 53.6	
M26K	Nabesna, AK	104.54	25	IAMS_20	IAMS_20	08 06 44.8	
M26K	Nabesna, AK	104.54	25	P	Pdif	07 13 06.4	+0.1
H29M	Whitestone	104.57	21	IAMS_20	IAMS_20	08 09 02.4	
H29M	Whitestone	104.57	21	P	Pdif	07 13 05.7	-0.6
F30M	Barrier River	104.71	19	P	Pdif	07 13 06.5	-0.4
L27K	Beaver Creek	104.74	24	IAMS_20	IAMS_20	08 04 52.1	
L27K	Beaver Creek	104.74	24	P	Pdif	07 13 07.0	-0.1
A36M	Sachs Harbour	104.84	13	P	Pdif	07 13 07.0	-0.4
G30M	Aoh Zraii Nji	104.91	19	P	Pdif	07 13 07.4	-0.4
KAIM	Kayak Island	104.91	28	P	Pdif	07 13 07.6	-0.3
MCARA	McCarthy VSAT	104.95	26	P	Pdif	07 13 07.2	-0.9
I29M	Ogivilie Camp,	105.02	21	IAMS_20	IAMS_20	08 09 29.4	
INK	Inuvik	105.03	18	P	Pdif	07 13 07.4	-0.8
M27K	Edge Creek, AK	105.03	25	P	Pdif	07 13 07.2	-1.4
EPYK	Eagle Plains	105.06	20	IAMS_20	IAMS_20	08 01 17.5	
EPYK	Eagle Plains	105.06	20	P	Pdif	07 13 07.7	-0.8
TULEG	Thule	105.14	357	IAMS_20	IAMS_20	08 08 54.4	
DAWY	Dawson	105.25	23	P	PKIKP	07 17 23.2	-0.2
WAX	Waxell Ridge	105.42	27	IAMS_20	IAMS_20	08 03 43.1	
F31M	Tsighehtic	105.46	18	P	PKIKP	07 17 23.5	-0.1
J29N	Klondike Camp	105.51	22	IAMS_20	IAMS_20	08 06 29.3	
J29N	Klondike Camp	105.51	22	P	PKIKP	07 17 23.4	-0.6
G31M	Satah River	105.58	19	IAMS_20	IAMS_20	08 09 22.1	
G31M	Satah River	105.58	19	P	PKIKP	07 17 24.3	+0.5
I30M							

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, FINES FINESS Array B, HFS Hagfors, AKASG Malin Array Be, TORD Torodi Arr, etc.

DJA 13 07:15:35.9; 1.1, 2.7; 9.8E; h13km, 5km, M4, 1/7, MLV4, 1/7

IDC 13 07:15:38.5; 1.9, 1.94S; 98.92E; h0km, mb3.6/9, mbmtmp3.7/9, Error ellipse: s-maj=72.1km s-min=21.7km

ISC 13 07:15:39.0; 1.0, 2.06S; 0.08; 98.7E; 0.1, h10km, n26, a1522/17, mb3.7/8, Southwest of Sumatara

Main table listing station data for the DJA, IDC, and ISC events. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 13 07:20:07.6; 1.6, 51.93S; 140.86E; h0km, mb3.7/4, mbmtmp3.7/4, Error ellipse: s-maj=221.6km

s-min=21.7km az=81.0, Western Indian-Antarctic Ridge

Main table listing station data for the IDC event at 13 07:20:07.6.

KRSC 13 07:54:07.3; 0.6, 56.03N; 163.19E; h5km, 6km, MI3.6, Near east coast of Kamchatka Peninsula

Main table listing station data for the KRSC event.

MDD 13 07:54:18.7; 0.9, 27.70N; 18.04W; h32km, 5km, mb_Lg3.5/20, 7C, Error ellipse: s-maj=7.4km

s-min=5.1km az=17.0, Canary Islands region

Main table listing station data for the MDD event.

Main table listing station data for the NEIC event at 13 08:02:30.2.

NEIC 13 08:02:30.2; 1.6, 19.12N; 0.04; 155.26W; 0.01, h5km, 1km, Error ellipse: s-maj=7.1km s-min=2.7km az=342.0

HVO 13 08:02:30.5; 0.9, 19.36N; 0.009; 155.26W; 0.007, h0km, 5km, ML3.6, ML2.1/26(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=203.0, Hawaiian Islands

Main table listing station data for the NEIC and HVO events.

IDC 13 08:04:09.5; 0.7, 37.06N; 141.15E; h0km, mb3.7/13, mbmtmp3.7/18, ML3.4/4, Error ellipse: s-maj=18.6km

s-min=16.0km az=100.0, JMA 13 08:04:12.9; 0.1, 37.1N; 0.3; 141.12E; 0.6, h30km, MD3.8/39, MV3.7/39, E OFF FUKUSHIMA PREF.

JMA Felt J1 at E OFF FUKUSHIMA PREF. ISC 13 08:04:14.4; 0.7, 37.08N; 0.05; 141.16E; 0.06, h35km, n39, a1946/34, mb3.8/13, Near east coast of eastern Honshu

Main table listing station data for the IDC, JMA, and ISC events.

Table listing station data for the H11N2 event.

H11N2 WAKE ISLAND Hy 28.34 121 T T 08 39 41.8

H11N1 WAKE ISLAND Hy 28.35 121 T T 08 39 42.4

H11N3 WAKE ISLAND Hy 28.26 121 T T 08 39 43.4

H11S1 WAKE ISLAND Hy 29.05 123 T T 08 40 37.5

H11S3 WAKE ISLAND Hy 29.05 123 T T 08 40 34.4

H11S2 WAKE ISLAND Hy 29.07 123 T T 08 40 46.1

ZALV Zalesovo Beam 41.74 312 P P 08 11 59.0 +0.7

MKAR Makanchi Array B 43.93 302 P P 08 12 18.4 +0.7

KURBB Kurchatov Arra 45.82 308 P P 08 12 33.6 +1.0

ILAR Eielson Array 49.56 32 P P 08 13 02.2 +0.8

WRA Warramunga Arr 57.08 188 P P 08 13 56.5 -0.6

WRA Warramunga Arr 57.08 188 P P 08 14 52.7 +0.9

ASAR Alice Springs 60.88 188 P P 08 14 23.5 +0.6

ARCES Arceps Array B 63.89 339 P P 08 14 43.1 +0.1

FINES FINESS Array B 68.68 332 P P 08 15 12.8 -1.0

AKASG Malin Array Be 74.14 322 P P 08 15 46.5 -0.4

NVAR Mina Array Bea 75.12 53 P P 08 15 53.7 +0.5

PDAR Piedade Array 77.78 45 P P 08 16 09.2 +1.0

TXAR Lajitas Array 90.25 52 P P 08 17 12.8 +1.0

LPAZ La Paz 146.84 99 PKPbc PKKPP 08 23 54.7 -2.0

H03N2 Juan Fernandez 147.23 96 T T 11 08 31.3

H03N3 Juan Fernandez 147.24 96 T T 11 08 37.2

H03N1 Juan Fernandez 147.24 96 T T 11 08 41.5

IDC 13 08:04:45.5; 2.0, 2.38N; 125.68E; h0km, mb3.5/3, mbmtmp3.5/3, Error ellipse: s-maj=187.3km

s-min=25.5km az=65.0, Talau Islands

Table listing station data for the IDC event at 13 08:04:45.5.

ASAR Alice Springs 27.09 163 P P 08 10 30.8 +0.6

MKAR Makanchi Array 58.08 326 P P 08 14 40.4 -0.3

CATAC 13 08:05:35.3; 0.7, 13.80N; 91.71W; h8km, 4km, mb3.8, ML3.3

GCG 13 08:05:40.1; 0.3, 14.12N; 91.59W; h60km, 3km, MD3.6

ISC 13 08:05:40.2; 0.5, 13.75N; 0.009; 91.68W; 0.07, h13km, 12km, n16, a133/27, Near coast of Guatemala

Main table listing station data for the IDC, ASAR, and MKAR events.

SOF 13 08:05:40.7; 42.76N; 0.01; 26.02E; 0.01, h20km, 8km, MD2.3/4

AFAD 13 08:05:48.5; 0.0, 41.93N; 26.87E; h8km, 2km, ML1.9, Near Bulgaria border region

Main table listing station data for the SOF and AFAD events.

HPAH comp=E,418nm,0.8s IAML 09 03 37.4
MHA Mahukona 0.98 323 Pg 09 03 13.6 -1.1

NEIC 13 09:06:37.4±1.1, 19:405N:0:009:155:288W:0.007, h5km,1km, Error ellipse: s-maj=1.7km s-min=1.5km az=226.0

HVO 13 09:06:36.9±0.8, 19:409N:0:008:155:279W:0.007, h1km,3km,ML3.6/12,ML2.9/46(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=189.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBSL, RIM, UWB, KKO, BYL, etc.

IDC 13 09:09:22.6±1.3, 2:92N:127:59E, h0km, mb3.7/6, mbtmp3.7/6, MS3.3/3, Error ellipse: s-maj=123.5km s-min=18.4km az=68.0

DJA 13 09:09:30.9±1.9, 3:12N:4:12:8E, h27km,21km, M4.0/9, mb4.0/3, mb4.5/1, MLV3.9/9, Mw(mB)3.7/1

ISC 13 09:09:27.5±1.1, 3:2N:0:1:128:1E:0:1, h35km, n13, s16/11, mb3.8/6, North of Halmahera

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

NEIC 13 09:09:54.2±1.0, 19:416N:0:009:155:267W:0.006, h2km,2km, Error ellipse: s-maj=1.4km s-min=0.8km az=182.0

HVO 13 09:09:53.4±1.0, 19:412N:0:008:155:270W:0.008, h1km,3km,ML3.6/10,ML2.7/33(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=179.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BYL, HATHI, KKO, OBSL, etc.

MLOA comp=N,2um,0.6s 0.32 293 Pg 09 10 00.4 +0.9
MLOA comp=E,1um,0.8s IAML 09 10 09.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAH, MWH, KHU, ALPZ, etc.

HVO 13 09:18:54.6±0.8, 19:351N:0:006:155:268W:0.007, h-0km,6km,ML3.5/14,ML2.5/38(NEIC), Error ellipse: s-maj=1.3km s-min=0.4km az=132.0

NEIC 13 09:18:55.5±0.9, 19:350N:0:009:155:266W:0.008, h5km,1km, Error ellipse: s-maj=2.2km s-min=1.7km az=344.0,Hawaiian Islands

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

NNC 13 09:24:21.0±3.4, 5:3:92N:90:86E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=25.5km s-min=20.1km az=53.0, Suspected Mining explosion.

IDC 13 09:24:23.4±3.1, 5:3:65N:90:80E, h0km, mbtmp3.4/3, ML2.8/3, Error ellipse: s-maj=26.8km s-min=22.7km az=50.0

ISC 13 09:24:21.9±4.0, 5:33N:0:1:90:9E:0:2, h0km, n10, s19/3/14, 9C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU, ZAAO, ZAAO, etc.

IDC 13 09:28:40.4±0.8, 14:31N:94:49W, h0km, mb4.1/13, mbtmp4.1/18, ML3.7/4, MS3.4/19, Error ellipse: s-maj=25.7km s-min=14.6km az=50.0

MEX 13 09:28:44.4±1.0, 14:38N:94:55W, h15km, M4.5

NEIC 13 09:28:45.0±1.5, 14:61N:0:04:94:39W:0.04, h10km,1km, mb4.3/164, M4.4/57(MEX), Error ellipse: s-maj=7.5km

s-min=4.8km az=127.0
CATAC 13 09:28:45.2±0.9, 14:24N:94:41W, h20km, 12km, MB5.1, mb4.8, ML4.8

GCG 13 09:28:47.8±1.3, 14:77N:94:07W, h0km, 562km, MD4.3

RSNC 13 09:30:11.3±5.5, 13:1N:25:8:9W:4.6, h497km, 47km, M4.0, mb4.0, mb5.2, Mw(mB)4.6

ISC 13 09:28:44.9±0.4, 14:51N:0:04:94:50W:0.03, h23km, n536, s174/537, mb4.3/82, MS3.5/16, 1C, Off coast of Chiapas

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

Table with 4 columns: Station Name, Value, Unit, and other details. Includes stations like Z41A, APMT, FCAR, BRDY, POST, JCT, HNDO, SAND.

NEIC 13 09:48:34.3±1.5, 19.300N±0.008, 155.20W±0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.1km az=96.0

HVO 13 09:48:34.0±1.1, 19.33N±0.01, 155.18W±0.02, h6km±1km, ML2.5±0.6, MLI±1.932(NEIC), Error ellipse: s-maj=2.6km s-min=1.5km az=134.0, Hawaiian Islands

Main station data table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KANH, PUAH, STCH, JUJZ, NPOC, HLP, JOKA, HTC, HMH, KHU, MWH, MLOA, ALEP, HUH, CPH.

IDC 13 09:49:45.7±0.7, 22.85N±120.74E, h0km, mb3.7/13, mbmp3.7/14, ML4.4/2, MS3.1/5, Error ellipse: s-maj=28.0km s-min=15.5km az=67.0

JMA 13 09:49:45.4±0.1, 23.0N±0.3, 121.4E±0.7, h7km, 3km, MV3.6/12, TAIWAN REGION

NIED 13 09:49:45.4, 22.96N±121.38E, h7km, MW4.0, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm

Mn-0.93; Mm0.38; Mm0.54; Mm1.09; Mm0.11; Mm-0.01; Fault plane solution: M1.28000x10^15 NP1: 6±273.00000°; 87.4.00000°; λ-97.00000°. NP2: 6±121.00000°; 817.00000°; λ-67.00000°

TAP 13 09:49:46.2, 23.08N±120.99E, h2km, ML4.2, C, ASIES 13 09:49:46.2, 23.08N±120.99E, h2km, ML4.2, Mw3.8, Moment Tensor Solution. Moment tensor: Scale 10^21Nm

Mn-5.30; Mm0.73; Mm0.45; Mm1.81; Mm0.24; Mm-0.32; Fault plane solution: Ms5.84773x10^21 NP1: 6±318.77000°; 852.58000°; λ-109.44000°. NP2: 6±168.91000°; 841.51000°; λ-66.49000°. Principal axes: T Plg5.7260°; Azm62.4420°; N Plg15.3300°

Azm330.8660°; P Plg73.5860°; Azm172.3430°; ISC 13 09:49:46.9±0.8, 23.08N±121.10E±0.01, h7km, 5km, N172.±0699/251, mb3.8/12, MS3.0/3, 23C-2D, Taiwan

Main station data table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ELDTW, EHD, ECH, ECS, LONT, LONT, STYH, STYH, STYT, TWG, TWGBT, FULB, EDH, EDH, SLGT, SLGT, CHKT, CHKT, TTN, TTN, SGST, SGST, CHKH, CHKH, TWFI, TWFI, WTP, WTP, EYUL, EYUL, TPUB, TPUB, YULB, YULB, YULB, YULB, CHN1, CHN1.

Main station data table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CHN1, SSS, SSS, ECBN, ECBN, SNST, SNST, ECL, ECL, ECL, SCST, SCST, SCST, TWK, TWK, WCKO, WCKO, WCKO, EHY, EHY, EHY, EHYH, EHYH, HGSD, HGSD, MASBT, MASBT, CHN3, CHN3, LDUT, LDUT, SHHT, SHHT, SHHT, WHYT, WHYT, WHYT, SSHA, SSHA, SSHA, VVDT, VVDT, VVDT, SNJT, SNJT, SNJT, SSSL, SSSL, SSSL, EAST, EAST, EGHF, EGHF, TAI, TAI, TAI, ICHU, ICHU, ICHU, WKG, WKG, WKG, TAW, TAW, TAW, WARBT, WARBT, WARBT, WDLH, WDLH, WDLH, SCLT, SCLT, SCLT, TAWH, TAWH, CHN8, CHN8, CHN8, WJS, WJS, WJS, SCZT, SCZT, SMLT, SMLT, SMLT, WTK, WTK, WTK, WSL, WSL, WSL, WSL, ESL, ESL, ESL, TSCK, TSCK, TSCK, WNT, WNT, WNT, SHUL, SHUL, SLIU, SLIU, OWD, OWD, WSF, WSF, WUSB, WUSB, WUSB, TEYL, TEYL, WCS, WCS, WCS, CHGB, CHGB, ETM, ETM.

Main station data table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ETM, WRL, WRL, LXIB, LXIB, WTCT, WTCT, HWA, HWA, SMST, SMST, WHF, WHF, HEN, HEN, TCU, TCU, TCU, TWD, TWD, TWD, TWK1, TWK1, TWKBT, TWKBT, TDCB, TDCB, FUSH, FUSH, WHP, WHP, WHP, LYUB, LYUB, ETL, ETL, ETL, NACB, NACB, NACB, NACB, WDGJ, WDGJ, WDGJ, WDGJ, WDJ, WDJ, WDJ, PHUB, PHUB, PHUB, NNSB, NNSB, NNSB, NNS, NNS, NNS, PNG, PNG, PNG, PNG, EAHA, EAHA, VCHM, VCHM, VCHM, NMLH, NMLH, NMLH, ENA, ENA, LATG, LATG, EWUT, EWUT, NNST, NNST, NNST, NFF, NFF, NFF, LIOB, LIOB, LIOB, NDT, NDT, EOS4, EOS4, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, ENT, ENT, ESAS, ESAS, NDS, NDS, SBCB, SBCB, SBCB, EOS3, EOS3, TWC, TWC, TWC, TWE, TWE, EOS2, EOS2, NWLT, NWLT, FUSB, FUSB, FUSB, TWA, TWA, TWA, TWA, TWS1, TWS1, TWS1, TWS1, NWF, NWF, WFSB, WFSB, NTST, NTST, TWB1, TWB1, YM01, YM01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANP, SX11, YMO8, JYNG, etc.

NEIC 13 09:51:19.2-0.9, 19.416N, 0.007:155.286W, 0.007, h2km, 1km, Error ellipse: s-maj=1.1km s-min=1.0km az=195.0

HVO 13 09:51:18.5-1.0, 19.416N, 0.008:155.276W, 0.007, h1km, 2km, ML3.5/11, ML2.4/32(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=184.0, Hawaiian Islands

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

NEIC 13 09:51:59.0, 1.2, 19.391N, 0.009:155.280W, 0.007, h6km, 1km, Error ellipse: s-maj=1.4km s-min=0.9km az=200.0

HVO 13 09:51:58.6, 1.0, 19.414N, 0.009:155.285W, 0.007, h1km, 4km, ML3.5/11, ML2.8/32(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=186.0, Hawaiian Islands

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

IDC 13 09:59:44.9, 2.8, 54.20N, 86.31E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=21.7km s-min=13.4km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, etc.

IDC 13 10:06:37.5, 0.7, 9.03N, 126.38E, h0km, mb4.1/16, mbtmp4.1/17, ML4.5/1, MS3.3/16, Error ellipse: s-maj=31.0km s-min=13.3km az=84.0

NEIC 13 10:06:44.6, 1.9, 8.88N, 0.07:126.20E, 0.06, h37km, 7km, mb4.5/43, Error ellipse: s-maj=11.5km s-min=7.0km az=216.0

ISC 13 10:06:41.8, 1.2, 8.93N, 0.03:125.91E, 0.05, h22km, 9km, az=22, +167/84, mb4.4/37, MS3.0/12, 4C-BD, Mindanao

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

NEIC 13 09:51:19.2-0.9, 19.416N, 0.007:155.286W, 0.007, h2km, 1km, Error ellipse: s-maj=1.1km s-min=1.0km az=195.0

HVO 13 09:51:18.5-1.0, 19.416N, 0.008:155.276W, 0.007, h1km, 2km, ML3.5/11, ML2.4/32(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=184.0, Hawaiian Islands

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

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

MEX 13 10:10:02.0, 0.7, 14.42N, 92.48W, h102km, 15km, MD4.0 GCG 13 10:10:11.7, 0.3, 14.49N, 91.89W, h47km, 5km, MD3.6

ISC 13 10:09:58.1, 1.6, 14.10N, 0.09:92.54W, 0.04, h100km, n18, c292/31, Near coast of Chiapas

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

13d 10h

L20K	Farewell, AK	86.18	16	P	P	10 45 23.9	-0.2
CIS	Catalina Island	86.22	53	P	P	10 45 25.1	+0.1
SUA	Susitna One	86.22	18	P	P	10 45 23.5	-1.0
RC01	Rabbit Creek A	86.22	19	P	P	10 45 23.5	-0.9
KXSB	Camp Six Broad	86.24	43	I	Amb	10 45 27.5	
J18K	Innok River	86.30	15	I	Amb	10 45 26.2	
J18K	Innok River	86.30	15	P	P	10 45 24.8	+0.1
FMP	Fort Macarthur	86.44	53	P	P	10 45 26.9	+0.8
ELIB	Princess Elisa	86.45	190	dP	P	10 45 25.5	-0.1
ELIB	Princess Elisa	86.45	190	dP	P	10 46 24.7	-0.5
OSI	Osito Audit: C	86.51	52	P	P	10 45 27.1	+0.6
M22K	Willow	86.64	18	I	Amb	10 45 29.0	
M22K	Willow	86.64	18	P	P	10 45 26.1	-0.2
DECC	Green Verdugo	86.65	52	P	P	10 45 27.3	+0.2
ARVC	Arvin	86.65	51	P	P	10 45 28.1	+1.1
F15K	North Star Dit	86.66	10	P	P	10 45 26.9	+0.6
YAK	Yakutsk	86.67	342	dP	P	10 45 26.5	+0.1
PASC	Pasadena A.C	86.72	52	P	P	10 45 27.8	+0.4
PASC	Pasadena A.C	86.72	52	P	P	10 45 28.9	
ORV	Oroville	86.74	46	I	Amb	10 45 29.3	
ULN	Ulanbaatar	86.76	323	dP	P	10 45 28.2	+0.7
ULN	Ulanbaatar	86.76	323	dP	P	10 45 27.7	+0.2
ULN	Ulanbaatar	86.76	323	dP	P	10 46 27.1	-0.2
VOG	Valley Oaks Go	86.77	50	P	P	10 45 27.8	+0.2
BILL	Bilibino	86.78	359	P	P	10 45 27.2	+0.3
BILL	Bilibino	86.78	359	P	P	10 45 28.0	
BILL	Bilibino	86.78	359	iP	P	10 45 26.6	-0.2
BILL	Bilibino	86.78	359	iP	P	10 46 26.3	+0.2
BILL	Bilibino	86.78	359	iP	P	10 48 49.2	
YES	Vestal, Richgr	86.78	50	P	P	10 45 27.8	+0.2
G16K	Koyuk River	86.79	11	I	Amb	10 45 29.2	
G16K	Koyuk River	86.79	11	P	P	10 45 27.8	+0.9
PMR	Palmer	86.80	18	P	P	10 45 27.6	+0.5
PMR	Palmer	86.80	18	P	P	10 45 27.0	0.0
K02D	Williamette Mer	86.81	43	I	Amb	10 45 29.9	
CMB	Columbia Colle	86.82	48	I	Amb	10 45 29.7	
AFDM	Forest Hills D	86.83	47	I	Amb	10 45 29.8	
K20K	Telida	86.86	16	P	P	10 45 27.2	-0.2
J01E	Myrtle Point	86.86	42	I	Amb	10 45 30.1	
H17K	Granite Mounta	86.86	13	I	Amb	10 45 29.4	
H17K	Granite Mounta	86.86	13	P	P	10 45 27.5	+0.1
KNK	Knik Glacier	86.87	19	I	Amb	10 45 31.1	
KNK	Knik Glacier	86.87	19	P	P	10 45 27.2	-0.3
GLI	Glacier Island	86.88	20	I	Amb	10 45 28.5	
GLI	Glacier Island	86.88	20	P	P	10 45 26.5	-1.1
YBH	Yreka Blue Hor	86.96	44	I	Amb	10 45 30.9	
P99L	Purkeypile	86.97	17	P	P	10 45 28.1	0.0
100C	Camp Elliot, M	87.00	54	I	Amb	10 45 30.6	
109C	Camp Elliot, M	87.00	54	P	P	10 45 29.5	+0.8
GHO	Glory Hole Cre	87.00	18	I	Amb	10 45 29.5	
J19K	Poorman	87.01	15	P	P	10 45 28.4	+0.3
K19K	Kayak Island	87.06	21	P	P	10 45 28.6	+0.2
EYAK	Cordova Ski Ar	87.07	20	P	P	10 45 28.7	+0.4
ELS	Elsinore Mount	87.07	53	I	Amb	10 45 31.0	
GTA	Gaotai	87.08	313	eP	P	10 45 30.3	+1.1
CUT	Chulitna	87.11	18	I	Amb	10 45 28.7	
CUT	Chulitna	87.11	18	P	P	10 45 27.2	-1.3
S0NM	Gonglino Array	87.12	323	P	P	10 45 29.6	+0.5
BFSC	Mount Baldy Ra	87.14	52	P	P	10 45 30.0	+0.4
EDW2	Edwards Air Fo	87.17	52	P	P	10 45 30.6	+1.0
SML	Sawmill	87.21	19	P	P	10 45 29.4	+0.2
G17K	Kwialk Mounta	87.21	12	P	P	10 45 30.0	+1.0
HUMO	Hull Mountain	87.22	43	I	Amb	10 45 32.2	
MURC	Murrieta	87.23	53	P	P	10 45 30.4	+0.5
BAR	Barrett	87.24	54	I	Amb	10 45 31.7	
TKX	Tecate	87.25	54	I	Amb	10 45 31.8	
CCAC	Calif City Air	87.27	51	I	Amb	10 45 32.1	
DBO	Dodson Butte	87.28	43	I	Amb	10 45 32.3	
GCSA	Galena City Sc	87.35	14	P	P	10 45 29.8	+0.2
H18K	Honhosha River	87.38	13	P	P	10 45 29.5	-0.3
M23K	Glacier View	87.38	19	P	P	10 45 28.8	-1.1
VTX	Valle De La Tr	87.40	56	I	Amb	10 45 33.2	
CAST	Castle Rocks	87.42	16	P	P	10 45 28.3	-1.8
EMB	Emerald Bay	87.44	47	I	Amb	10 45 33.1	
J20K	Novinta River	87.52	15	P	P	10 45 30.2	-0.2
MONP2	Monument Peak	87.52	54	P	P	10 45 32.3	+0.8
ESJX	Sierra Juarez	87.53	55	I	Amb	10 45 33.9	
DIB	Dawson Inlet,	87.53	31	I	Amb	10 45 32.6	
SCM	Sheep Creek Mo	87.54	19	P	P	10 45 29.9	-0.9
MDPB	Devils Postpil	87.57	49	I	Amb	10 45 33.8	
LRMC	Laurel Mtn Rd	87.65	51	P	P	10 45 32.7	+0.7
IKP	In-Ko-Pe Jac	87.66	54	P	P	10 45 33.1	+1.1
RMX	La Rumorosa	87.67	54	I	Amb	10 45 34.4	
WAKR	Walker	87.70	48	I	Amb	10 45 34.7	
BBRC	Big Bear Solar	87.71	53	P	P	10 45 33.2	+0.8
KLU	Klutina	87.72	20	P	P	10 45 31.5	-0.1

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CHUM	Lake Minchum	87.74	16	P	P	10 45 30.5	-1.0
MLAC	Mammoth, Mam	87.74	29	P	P	10 45 33.6	+1.2
BMRM	Bremner River	87.76	21	P	P	10 45 30.4	-1.4
CWC	Cottonwood Cre	87.77	50	P	P	10 45 33.0	+0.5
PFO	Pinyon Flats O	87.79	53	P	P	10 45 32.8	+0.1
PFO	Pinyon Flats O	87.79	53	P	P	10 45 34.6	
PFO	Pinyon Flats O	87.79	53	P	P	10 45 33.6	+0.9
PFO	Pinyon Flats O	87.79	53	iP	P	10 45 32.9	+0.2
TPFO	Pinon Flats	87.79	53	P	P	10 45 33.4	+0.7
YUH	Yuha Desert	87.81	54	I	Amb	10 45 34.7	
PNTR	Pine Nut	87.84	47	I	Amb	10 45 35.1	
PMD	Palm Desert	87.87	53	I	Amb	10 45 34.8	
RRX	Edison Barstow	87.91	52	P	P	10 45 31.9	-1.1
TIN	Tinahaha, Big	87.92	50	P	P	10 45 33.6	+0.4
F17K	Baldwin Pennin	87.94	11	P	P	10 45 32.1	-0.2
WAT1	Suzuna Watana	87.94	18	P	P	10 45 30.9	-1.7
I20K	Naaghedeneel	87.95	15	I	Amb	10 45 35.0	
I20K	Naaghedeneel	87.95	15	P	P	10 45 32.4	-0.1
G18K	Tagagawik	87.96	13	I	Amb	10 45 35.2	
G18K	Tagagawik	87.96	13	P	P	10 45 32.2	-0.4
BUC2	Buck Mountain	87.97	42	I	Amb	10 45 35.6	
WAX	Waxell Ridge	87.98	22	I	Amb	10 45 33.4	
WAT6	Susana Watana	87.98	18	P	P	10 45 31.8	-1.1
K04D	Chioquim, OR	88.01	44	I	Amb	10 45 35.6	
SWSC	San W. Stewart	88.02	54	P	P	10 45 33.0	-0.5
MPMC	Manual Prospe	88.04	51	P	P	10 45 33.3	-0.5
YERR	Yerington	88.05	48	I	Amb	10 45 35.9	
M24K	Tolsona, Glenn	88.10	19	P	P	10 45 32.4	-1.0
MESA	MESA	88.10	22	P	P	10 45 32.6	-0.9
H19K	Roundabout Mou	88.12	14	P	P	10 45 33.0	-0.2
CPXB	Cerro Prieto	88.19	55	I	Amb	10 45 39.0	
GSC	Goldstone, Bar	88.23	52	I	Amb	10 45 36.8	
GSC	Goldstone, Bar	88.23	52	P	P	10 45 34.7	+0.1
N25K	Chitina Valde	88.23	20	P	P	10 45 32.9	-1.1
LHV	Little Huntoon	88.25	49	I	Amb	10 45 37.1	
DSP	Deep Springs	88.25	50	I	Amb	10 45 37.0	
BPBW	Bear Paw Mtn.	88.26	16	P	P	10 45 33.0	-1.0
ISLE	Juniper Island	88.27	42	I	Amb	10 45 36.8	
PAHR	Pah Rah Range	88.27	47	I	Amb	10 45 37.0	
BELC	Belle Mtn. Jos	88.30	53	P	P	10 45 36.1	+1.0
F18K	Selawik	88.38	12	P	P	10 45 34.6	+0.1
HEC	Hector,Ludlow	88.38	52	P	P	10 45 36.1	+0.8
RYN	Ryan	88.40	48	I	Amb	10 45 37.5	
E17K	Hotham Inlet	88.40	11	P	P	10 45 34.6	0.0
H20K	Anotlenega Mo	88.44	14	P	P	10 45 34.8	0.0
NVAR	Mina Array Bea	88.47	48	P	P	10 45 36.6	+0.7
DHY	Denal Highway	88.47	18	P	P	10 45 34.2	-1.0
G19K	Purcell Mounta	88.50	13	I	Amb	10 45 38.1	
G19K	Purcell Mounta	88.50	13	P	P	10 45 35.1	0.0
GRAC	Grapevine Rang	88.53	50	P	P	10 45 36.7	+0.8
MCK	McKinley	88.53	17	P	P	10 45 34.1	-1.2
BC3	Big Chuckawall	88.57	54	P	P	10 45 37.5	+1.2
MCARA	McCarthy VSAT	88.59	21	P	P	10 45 35.4	-0.2
SIT	Sitka	88.60	27	P	P	10 45 35.8	+0.2
HARP	HAARP	88.64	19	P	P	10 45 35.1	-0.7
SRIG	Santa Rosalia	88.67	61	I	Amb	10 45 38.9	
FURC	Furnace Creek,	88.67	51	P	P	10 45 37.0	+0.5
PNL	Penuela	88.68	23	P	P	10 45 37.9	+1.9
BWN	Browne	88.73	17	I	Amb	10 45 37.8	
D17K	Noatak River	88.74	10	P	P	10 45 37.4	+1.2
S31K	Pelican	88.79	26	P	P	10 45 37.0	+0.4
GLA	Glamis	88.81	54	P	P	10 45 38.7	+1.4
TROLL	Troll, Antarti	88.83	184	iP	P	10 45 36.3	-0.6
SHOC	Shoshone, Teco	88.87	51	P	P	10 45 38.3	+0.4
CTG	China Glacier	88.87	22	P	P	10 45 36.2	-0.9
GMRC	Granite Mounta	88.87	53	P	P	10 45 38.8	+1.1
I21K	Tanana	88.88	15	I	Amb	10 45 37.6	
I21K	Tanana	88.88	15	P	P	10 45 36.1</	

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F07A	Phinny Hill Vi comp=Z,44nm,0.9s	90.68	41	Iamb	Iamb	10 45 47.7
F22K	John River	90.72	14	P	P	10 45 45.2 -0.2
N30M	Aishikik Lake baz=216	90.72	23	Iamb	Iamb	10 45 46.2
N30M	Aishikik Lake baz=230,SNR=7.3	90.72	23	P	P	10 45 44.7 -0.9
T35M	Bob Quinn comp=Z,59nm,1.1s	90.77	28	Iamb	Iamb	10 45 47.9
T35M	Bob Quinn comp=Z,59nm,1.1s	90.77	28	P	P	10 45 46.1 +0.2
K27K	Chicken baz=235,SNR=7.0	90.78	19	Iamb	Iamb	10 45 48.0
K27K	Chicken baz=225	90.78	19	P	P	10 45 45.5 -0.2
D20K	Etiyuk River baz=212	90.80	12	P	P	10 45 46.3 +0.5
P32M	Atlin baz=232,SNR=11	90.84	25	P	P	10 45 46.4 +0.2
LTY	Liberty	90.84	40	Iamb	Iamb	10 45 48.2
PRP	Porcupine Dome comp=Z,42nm,1.0s	90.85	17	P	P	10 45 45.3 -0.9
M29M	Somme Creek baz=228,SNR=8.2	90.88	22	P	P	10 45 46.4 0.0
S34M	Telegraph Cree comp=Z,59nm,1.1s	90.92	27	Iamb	Iamb	10 45 48.5
S34M	Telegraph Cree comp=Z,59nm,1.1s	90.92	27	P	P	10 45 46.7 +0.2
COLD	Coldfoot baz=218,SNR=30	90.95	15	P	P	10 45 46.2 -0.3
WHY	Whitehorse comp=Z,22nm,0.9s	91.04	24	Iamb	Iamb	10 45 47.9
WHY	Whitehorse baz=231,SNR=14	91.04	24	P	P	10 45 46.5 -0.7
E21K	Killik River comp=Z,22nm,0.8s	91.10	13	Iamb	Iamb	10 45 48.4
E21K	Killik River baz=214	91.10	13	P	P	10 45 47.2 0.0
Q12A	Willow Creek R comp=Z,38nm,1.1s	91.19	49	Iamb	Iamb	10 45 50.5
N31M	Braeburn, Yuko comp=Z,37nm,0.9s	91.22	23	Iamb	Iamb	10 45 48.7
N31M	Braeburn, Yuko comp=Z,37nm,0.9s	91.22	23	P	P	10 45 47.5 -0.4
E22K	Anaktuvuk Pass comp=Z,58nm,1.6s	91.31	14	Iamb	Iamb	10 45 50.0
E22K	Anaktuvuk Pass baz=219	91.31	14	P	P	10 45 48.5 +0.4
A19K	Wainwright baz=208	91.31	10	P	P	10 45 48.0 0.0
H25L	Birch Creek baz=222	91.33	17	P	P	10 45 48.2 0.0
I26K	Coal Creek Min comp=Z,22nm,0.9s	91.37	18	Iamb	Iamb	10 45 50.3
I26K	Coal Creek Min baz=224	91.37	18	P	P	10 45 48.5 0.0
L29M	L29M comp=Z,66nm,1.8s	91.44	21	Iamb	Iamb	10 45 49.9
L29M	L29M baz=229,SNR=14	91.44	21	P	P	10 45 48.7 -0.2
C21K	Knifeblade R comp=Z,37nm,0.9s	91.53	12	Iamb	Iamb	10 45 49.4 +0.3
SPR3	Spring Creek 3 comp=Z,39nm,1.4s	91.53	49	Iamb	Iamb	10 45 51.9
M30M	Minto, Yukon comp=Z,37nm,1.1s	91.56	22	Iamb	Iamb	10 45 50.1
M30M	Minto, Yukon baz=230,SNR=37	91.56	22	P	P	10 45 49.0 -0.4
P33M	Teslin, Yukon comp=Z,33nm,1.0s	91.58	25	Iamb	Iamb	10 45 50.4
P33M	Teslin, Yukon baz=233,SNR=14	91.58	25	P	P	10 45 48.6 -1.0
EGAK	Eagle comp=Z,20nm,0.8s	91.59	19	Iamb	Iamb	10 45 51.0
EGAK	Eagle baz=226,SNR=22	91.59	19	P	P	10 45 48.8 -0.7
G25K	Bearman Lake baz=222,SNR=9.3	91.63	16	P	P	10 45 48.9 -0.7
DAWY	Dawson baz=228,SNR=7.9	91.66	20	P	P	10 45 49.4 -0.4
TUC	Tucson comp=Z,33nm,1.1s	91.68	56	P	P	10 45 52.3 +1.5
TUC	Tucson baz=249	91.68	56	P	P	10 45 50.6 -0.2
TUC	Tucson comp=Z,33nm,1.1s	91.68	56	P	P	10 45 52.3 +1.5
PSUT	Pine Spring comp=Z,57nm,1.9s	91.69	50	Iamb	Iamb	10 45 53.0
DLBC	Dease Lake comp=Z,48nm,1.1s	91.70	27	Iamb	Iamb	10 45 51.9
DLBC	Dease Lake baz=236,SNR=21	91.70	27	P	P	10 45 50.8 +0.6
G009	Cerro Castillo comp=Z,47nm,1.6s	91.73	13	Iamb	Iamb	10 45 52.3
D22K	Aiyikyak River comp=Z,24nm,0.8s	91.73	13	P	P	10 45 51.9
D22K	Aiyikyak River baz=216,SNR=20	91.73	13	P	P	10 45 51.0 +1.0
F24K	Squaw River baz=220,SNR=12	91.75	15	P	P	10 45 50.7 +0.5
B20K	Meade River comp=Z,34nm,1.6s	91.80	11	Iamb	Iamb	10 49 31.6
B20K	Meade River baz=21	91.80	11	P	P	10 45 50.8 +0.5
D08A	Wollman Farm, comp=Z,50nm,1.5s	91.82	40	Iamb	Iamb	10 45 52.9
R33M	Jennings River comp=Z,33nm,1.1s	91.85	26	Iamb	Iamb	10 45 52.6
R33M	Jennings River baz=235,SNR=17	91.85	26	P	P	10 45 51.5 +0.5
KNB	Kanab comp=Z,44nm,1.1s	91.87	51	Iamb	Iamb	10 45 54.1
KZC	Shurtz Canyon comp=Z,41nm,1.2s	91.89	51	Iamb	Iamb	10 45 54.1
B21K	Ikkipuk River comp=Z,19nm,0.8s	91.95	12	Iamb	Iamb	10 45 52.8
B21K	Ikkipuk River baz=214,SNR=17	91.95	12	P	P	10 45 51.5 +0.5
E24K	Your Creek baz=219	92.03	15	P	P	10 45 51.5 0.0
I27K	Kandik River baz=226,SNR=11	92.04	18	P	P	10 45 51.5 -0.1
N32M	Quiet Lake baz=233	92.04	24	P	P	10 45 51.5 -0.2
E09A	Wood Farm, Sta comp=Z,44nm,1.2s	92.06	41	Iamb	Iamb	10 45 53.8
K29M	Barlow Dome comp=Z,36nm,1.7s	92.13	21	Iamb	Iamb	10 45 53.1
K29M	Barlow Dome comp=Z,36nm,1.7s	92.13	21	P	P	10 45 51.8 -0.4
B08A	Colville Reser comp=Z,18nm,0.9s	92.14	39	Iamb	Iamb	10 45 53.8
M31M	Drury Creek, Y comp=Z,15nm,0.9s	92.19	23	Iamb	Iamb	10 45 52.4
M31M	Drury Creek, Y baz=232,SNR=16	92.19	23	P	P	10 45 51.4 -0.9
TOLK	Toolik Lake Re baz=218,SNR=11	92.22	14	P	P	10 45 52.7 +0.3
D23K	Nanushuk River baz=217	92.23	13	P	P	10 45 52.9 +0.6
F25K	Christian River comp=Z,22nm,0.9s	92.37	16	P	P	10 45 53.2 +0.2
G26K	Porcupine Rive baz=224,SNR=30	92.38	17	P	P	10 45 53.2 +0.1
WUAZ	Wupatki baz=248,SNR=24	92.39	53	P	P	10 45 55.0 +0.9
F10A	Beach Ranch, E comp=Z,16nm,1.1s	92.41	42	Iamb	Iamb	10 45 56.2
I28M	Miner Creek baz=227,SNR=12	92.43	19	P	P	10 45 53.1 -0.4
H27K	Steamboat Moun baz=226,SNR=12	92.50	18	P	P	10 45 53.6 -0.1
MAYO	Mayo, Yukon baz=231	92.53	21	P	P	10 45 53.6 -0.3
FARO	Faro, Yukon baz=233	92.59	23	P	P	10 45 53.3 -0.8
MTPU	Mount Pierson comp=Z,21nm,0.9s	92.72	51	Iamb	Iamb	10 45 58.5
E25K	Arctic Village comp=Z,22nm,0.9s	92.78	15	P	P	10 45 55.2 +0.3
B22K	Teshekpuk Lake comp=Z,29nm,1.1s	92.78	12	Iamb	Iamb	10 45 56.4
B22K	Teshekpuk Lake baz=215,SNR=11	92.78	12	P	P	10 45 55.4 +0.6
D24K	Happy Valley comp=Z,16nm,0.9s	92.79	14	Iamb	Iamb	10 45 56.5
D24K	Happy Valley comp=Z,16nm,0.9s	92.79	14	P	P	10 45 54.9 0.0

2018 JUN

F26K	baz=219,SNR=8.1	92.83	16	P	P	10 45 55.0 -0.1
G27K	Sheenjek River baz=223,SNR=7.7	92.87	17	P	P	10 45 55.2 -0.1
I29M	Doyon Strip comp=Z,18nm,1.0s	92.88	19	Iamb	Iamb	10 45 56.6
I29M	Ogilvie Camp, comp=Z,18nm,1.0s	92.88	19	P	P	10 45 55.0 -0.5
C23K	Ogilvie Camp, baz=228,SNR=25	92.94	13	Iamb	Iamb	10 45 57.4
C23K	Ikliik River comp=Z,33nm,1.0s	92.94	13	P	P	10 45 56.3 +0.8
J30M	Ikliik River baz=218,SNR=25	93.00	21	P	P	10 45 55.5 -0.7
A21K	Hart River baz=230	93.02	10	P	P	10 45 55.8 -0.1
A22K	Barrow comp=Z,13nm,0.8s	93.04	11	P	P	10 45 56.4 +0.4
DUG	Sinclair Lake comp=Z,21	93.07	49	P	P	10 45 56.8 -0.3
X18A	Dugway, Tooele baz=248	93.13	55	Iamb	Iamb	10 45 59.8
WTLY	Snowflake comp=Z,34nm,1.1s	93.16	26	P	P	10 45 56.8 -0.1
C24K	Watson Lake, Y baz=237	93.26	13	P	P	10 45 57.6 +0.6
HLID	Franklin Bluff baz=219	93.26	45	P	P	10 45 58.2 +0.3
I30M	Hailey baz=247,SNR=9.5	93.41	20	Iamb	Iamb	10 45 59.1
I30M	Mount Dempster comp=Z,18nm,0.9s	93.41	20	P	P	10 45 57.1 -0.9
H29M	Mount Dempster baz=230,SNR=30	93.43	19	Iamb	Iamb	10 45 59.5
H29M	Whitestone comp=Z,13nm,1.0s	93.43	19	P	P	10 45 58.7 +0.8
NEW	Whitestone baz=228,SNR=11	93.43	40	P	P	10 45 58.2 -0.2
D25K	Newport baz=245,SNR=11	93.48	14	P	P	10 45 57.9 -0.3
W18A	Kavik River comp=Z,13nm,0.8s	93.50	54	Iamb	Iamb	10 46 01.3
HVU	Petrified Fore comp=Z,30nm,1.1s	93.50	54	P	P	10 45 59.5 +0.3
SPUT	Petrified Fore comp=Z,30nm,1.1s	93.50	54	P	P	10 46 01.5
Q16A	Hansel Valley comp=Z,12nm,0.9s	93.75	48	Iamb	Iamb	10 46 02.0
MPU	South Promonto comp=Z,20nm,1.4s	93.78	50	Iamb	Iamb	10 46 02.8
E27K	Maple Canyon comp=Z,23nm,1.1s	93.85	49	Iamb	Iamb	10 46 02.5
E27K	Maple Canyon comp=Z,16nm,1.3s	93.86	16	Iamb	Iamb	10 46 02.1
TMUT	Coleen River comp=Z,13nm,0.8s	93.86	16	P	P	10 46 00.2 +0.3
LIRD	Coleen River baz=226,SNR=20	93.89	50	Iamb	Iamb	10 46 07.6
G29M	Trail Mountain comp=Z,1nm,0.9s	93.93	17	P	P	10 45 59.8 -0.4
G29M	Old Crow baz=227,SNR=13	93.94	28	P	P	10 46 00.2 -0.2
G29M	Liard River Hi baz=230,SNR=12	94.00	18	Iamb	Iamb	10 46 02.0
G29M	Pine Creek comp=Z,18nm,0.9s	94.00	18	P	P	10 45 59.7 -0.9
EPYK	Pine Creek baz=229,SNR=12	94.04	19	Iamb	Iamb	10 46 01.6
EPYK	Eagle Plains comp=Z,20nm,0.8s	94.04	19	P	P	10 46 00.3 -0.5
TOAD	Eagle Plains baz=230,SNR=14	94.04	28	P	P	10 46 00.8 -0.1
121A	Toad River Com comp=Z,19nm,0.8s	94.14	57	Iamb	Iamb	10 46 05.2
121A	Cookes Peak, D comp=Z,27nm,1.1s	94.14	57	P	P	10 46 02.0 -0.2
TGNT	Cookes Peak, D baz=237	94.15	25	P	P	10 46 01.5 +0.1
C26K	Hyland Airport comp=Z,23	94.27	14	P	P	10 46 02.6 +1.0
P17A	Camden Bay baz=237	94.29	50	Iamb	Iamb	10 46 05.5
SRU	Butcher Ranch, comp=Z,33nm,1.9s	94.32	50	Iamb	Iamb	10 46 04.5
C27K	San Rafael Swe comp=Z,33nm,1.0s	94.34	15	P	P	10 46 02.4 +0.4
TCUT	Jag River comp=Z,24,SNR=33	94.41	48	Iamb	Iamb	10 46 07.1
H31M	Toone Canyon comp=Z,16nm,0.9s	94.43	20	Iamb	Iamb	10 46 02.8
H31M	Peel River comp=Z,19nm,1.3s	94.43	20	P	P	10 46 01.6 -0.9
TIXI	Peel River baz=232,SNR=8.4	94.51	348	eP	eP	10 46 01.6 -1.1
G30M	Tiksi comp=Z,1.0nm,0.9s	94.58	19	P	P	10 46 02.9 -0.4
BSUT	Aoah Zraii Nji baz=230,SNR=54	94.66	49	Iamb	Iamb	10 46 06.2
E28M	Blindstream Ca comp=Z,29nm,0.8s	94.70	17	Iamb	Iamb	10 46 05.6
E28M	Babbage River comp=Z,23nm,1.0s	94.70	17	P	P	10 46 03.7 0.0
D27M	Babbage River baz=228,SNR=36	94.76	16	Iamb	Iamb	10 46 06.4
D27M	Malcolm River comp=Z,30nm,1.1s	94.76	16	P	P	10 46 04.7 +0.7
M20	Malcolm River baz=248	94.83	42	P	P	10 46 04.7 -0.2
E29M	Missoula comp=Z,17nm,1.1s	95.01	17	P	P	10 46 04.6 -0.4
F30M	Blow River baz=229,SNR=9.6	95.11	18	P	P	10 46 05.0 -0.6
G31M	Barrier River baz=231,SNR=18	95.14	19	P	P	10 46 05.4 -0.3
DLMT	Satah River baz=232,SNR=22	95.15	44	Iamb	Iamb	10 46 07.9
MVCO</						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LONT Longtian, WKG Gukeng, TWGBT Beinan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR comp=2.185nm, MAJO Matsushiro, JGF Kuroka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, PINNC Pines Island, QUENC Queen Island, etc.

IDC 13 11:02:43.6:7.1, 33.245x179.97W, h88km, 56km, mb3.5/3, mbmp3.9/4, ML3.9/1, Error ellipse: s-maj=60.1km s-min=28.0km az=46.0

ISC 13 11:02:43.6:1.4, 33.7S:0.1x179.4W:0.2, h100km, n38, c2=60/39, mb3.8/3, South of Kermadec Islands

IDC 13 11:23:40.7:0.4, 8.5S:5.11'6E, h12km, 3km, M4.1/13, mb4.3/2, mb5.0/1, MLV4.0/13, Mw(mB)4.4/1

IDC 13 11:23:45.9:4.6, 8.21S:1.16, h73km, 39km, mb3.4/4, mbmp3.8/5, ML3.8/1, MS2.8/1, Error ellipse: s-maj=34.1km s-min=16.0km az=0.0

ISC 13 11:23:39.1:0.8, 8.25S:0.07:116.13E:0.03, h10km, n16, c1989/21, mb3.8/4, Sumbawa region

HEL 13 11:30:22.8:0.1, 63.97N:28.10E, h0km, ML1.5, Suspected explosion

IDC 13 11:30:24.1:1.8, 63.83N:27.90E, h0km, mbm=8.3km, ML1.7/2, Error ellipse: s-maj=40.1km s-min=8.3km az=99.0

ISC 13 11:30:22.0:0.8, 63.98N:0.02:28.03E:0.03, h0km, n28, c1924/45, Finland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RIGZ Rimuhau, PRGZ Paritu Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arr, ILAR Eielson Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIF Nilsia, RNF Romuvaara, RMF Romu, etc.

ASAR Alice Springs 41.89 271 P 11 10 21.2 -3.0

DJA 13 11:23:40.7:0.4, 8.5S:5.11'6E, h12km, 3km, M4.1/13, mb4.3/2, mb5.0/1, MLV4.0/13, Mw(mB)4.4/1

OBFO Syolatti, Pyha 1.73 289 PG MSG 11 30 54.4 -0.3

WRA Warramunga Arr 43.18 276 P 11 10 31.3 -3.4

ISC 13 11:23:39.1:0.8, 8.25S:0.07:116.13E:0.03, h10km, n16, c1989/21, mb3.8/4, Sumbawa region

OBFO JOF Joensuu 1.82 124 PG SN 11 31 18.3 +0.6

FINES FINES Array B 147.75 337 PKPbc PKPbc 11 22 15.4 -0.4

Code Station Name Az Az' Phase ID Time Res

JOF Maaselka 1.99 12 PG SG 11 30 58.5 -0.5

NOA NORARS Array B 151.76 349 PKPbc PKPbc 11 22 25.7 -0.4

TWSI Taliwang, Sumb 0.89 123 P IGC 11 23 56.4 +0.2

MSF Maselka 1.99 12 PG SG 11 31 23.2 -1.0

NIED 13 11:19:04.8, 35.23N:141.20E, h35km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm

SRBI Singaraja 0.93 280 P S 11 23 58.1 +1.2

KAF Kangasniemi 2.03 203 PG Pb 11 30 59.3 -0.4

JMA 13 11:19:04.8:0.2, 35.2N:0.3:141.2E:0.9, h35km, 2km, MV3.7/38, E OFF BOSSO PENINSULA

DNP Denpasar 1.01 245 P P 11 24 10.8 +1.6

KAF Ranu 2.11 346 PG Pb 11 31 02.6 +0.1

IDC 13 11:19:08.1:2.2, 35.14N:140.99E, h43km, 20km, mb3.7/14, mbmp3.9/18, ML3.2/4, MS3.3/8, Error ellipse: s-maj=20.4km s-min=12.2km az=83.0

PLAI Plampang 1.73 110 P S 11 24 33.6 +2.3

KU6 Keuruu 2.32 220 PG SG 11 31 04.7 +0.1

ISC 13 11:19:07.0:0.6, 35.21N:0.05:141.12E:0.06, h35km, n57, c1932/50, mb3.9/14, MS3.3/4, Near east coast of eastern Honshu

ABJI Asem Bagus 1.93 283 P S 11 24 12.0 +0.0

KEF Keuruu 2.32 220 PG MSG 11 31 07.1

Code Station Name Az Az' Phase ID Time Res

JAGI Jagag, Banyuara 1.97 263 P S 11 24 12.7 +0.1

OLFK Olulanka, Finia 2.42 13 PG SG 11 31 34.0 +0.2

BSO1 Boso 1 0.57 192 I X 11 19 16.6 -1.6

JAGI Jagi 1.97 263 P S 11 24 37.9 -0.1

OLFK Olulanka, Finia 2.42 13 PG SG 11 31 35.9 -0.5

BSO3 Boso 3 0.65 231 P P 11 19 18.3 -1.2

BLJI Banyuglugur 2.56 281 P P 11 24 29.9 +1.4

OLFK Olulanka, Finia 2.42 13 PG SG 11 31 37.1 +0.4

JSG Sagara 2.47 258 P P 11 19 45.8 +1.0

KEF Keuruu 2.32 220 PG MSG 11 31 07.1

OLFK Olulanka, Finia 2.42 13 PG SG 11 31 38.8 -0.3

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSRS Korea Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

AFAD 13 12:46:01.1±0.0,41°33'N,27°51'E,h7km,2km,ML1.0, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARMN Kirklareli, Me, VIZE Kirklareli, etc.

ISK 13 12:46:49.7,41°25'N,28°65'E,h0km,ML1.7/1.4,Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CTKS Kestanelik-??a, BGKT Bogazkoy, KLYT Kilyos, etc.

KOLA 13 12:55:56.4,68°08'N,33°26'E,h0km,ML2.2,Error ellipse: s-maj=4.6km s-min=3.3km az=110.0, Olenegorsk City, Mines

IDC 13 12:55:58.2,68.2,68.14N,32.82E,h0km,mbtmp2.7/2, ML2.2, Error ellipse: s-maj=34.5km s-min=14.4km

ISC 13 12:55:55.7-1.0,68°09'N,0°05'33"E,0E,0,5,h10km,n8, ±128/12, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like APAO Apatity Array, APA Apatity, etc.

IDC 13 13:04:17.4±1.8,3°99'N,126°51'E,h0km,mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=201.0km s-min=20.3km az=67.0, Talaid Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 13 13:06:37.8±0.7,7°01'S,113°79'E,h0km,mb4.1/12, mbtmp4.1/14,ML3.7/2,MS3.5/18, Error ellipse: s-maj=22.8km s-min=14.3km az=49.0

NEIC 13 13:06:40.4±1.7,7°00'S,0°04'N,113°89'E,0,5,h10km,1km, mb4.6/18, Error ellipse: s-maj=9.7km s-min=2.9km az=126.0

DJA 13 13:06:42.1±1.3,7°S,3°11'E,±h25km,14km,M4.7/17, mb4.6/6,mb5.1/1,MLV4.7/17,Mw(mb)4.4/1

ISC 13 13:06:43.0±0.5,7°05'S,0°06'N,113°89'E,0,6,h35km,n73, ±1946/66,mb4.4/21,MS3.5/18,2C,Jawa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BLJI Banyuglugur, ABJI Asem Bagus, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KPJI Karang Pucung, MTKI Muara Teweh, etc.

CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warrunganga Arr, WRO Warrunganga Arr, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr

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

JOW Kunigami, GUMO Guam, SHL Shilong

LSA Lhasa, LSA Lhasa, JNU Naksute

JCJ Chichijima, KSRS Korea Array, KSRS Korea Array

JHJZ BTO, BTO Baotou, BTO Baotou

BTO Baotou, BTO Baotou, BTO Baotou

ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar

SONM Songino Array, SONM Songino Array, SONM Songino Array

SONM Songino Array, SONM Songino Array, SONM Songino Array

KSH Kashi, KSH Kashi, KSH Kashi

HEH Heihe, HEH Heihe, HEH Heihe

MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array

AAK Ala-Archa, ZAAO Zalesovo Array, ZAAO Zalesovo Array

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam

GEYT Ailibeck, ABKAR Akbulak Arr, Vnda Vanda

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

KSH Kashi, KSH Kashi, KSH Kashi

HEH Heihe, HEH Heihe, HEH Heihe

MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array

AAK Ala-Archa, ZAAO Zalesovo Array, ZAAO Zalesovo Array

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam

GEYT Ailibeck, ABKAR Akbulak Arr, Vnda Vanda

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

KSH Kashi, KSH Kashi, KSH Kashi

HEH Heihe, HEH Heihe, HEH Heihe

MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array

AAK Ala-Archa, ZAAO Zalesovo Array, ZAAO Zalesovo Array

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam

GEYT Ailibeck, ABKAR Akbulak Arr, Vnda Vanda

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui

KSH Kashi, KSH Kashi, KSH Kashi

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRTR Keskin Array B, TROLL TROI, Antarti, etc.

IDC 13 13:15:13.2±1.1,0°35'N,126°15'E,h0km,mb3.7/5, mbtmp3.8/5, Error ellipse: s-maj=64.9km s-min=21.9km az=72.0, Northern Molucca Sea

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, etc.

ATH 13 13:31:40.4,38°57'N,21°37'E,h25km,1km,ML2.2/5, Manual Solution by M. Kolligri This location: 2020/06/04

18:53:37 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees

Latitude uncertainty: 2 km; Longitude uncertainty: 2 km, Greece

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PVO Paravola, ANX Ano Chora, etc.

ATH 13 13:31:58.3,38°62'N,21°48'E,h18km,ML1.7/8, Error ellipse: s-maj=1.1km s-min=0.6km az=140.0, Greece

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PVO Paravola, ANX Ano Chora, etc.

RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr

RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr

RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr

NYDR Nydri-Lefkada, MAKRA Makrakomi, Fth, MAKRA Makrakomi, Fth

MAKR Makrakomi, Fth, MAKRA Makrakomi, Fth, MAKRA Makrakomi, Fth

MAKR Makrakomi, Fth, MAKRA Makrakomi, Fth, MAKRA Makrakomi, Fth

FSK Fiskardo, FSK Fiskardo, FSK Fiskardo

AGG Agios Georgios, AGG Agios Georgios, AGG Agios Georgios

AGG Agios Georgios, AGG Agios Georgios, AGG Agios Georgios

VLS Valsamata, VLS Valsamata, VLS Valsamata

VLS Valsamata, VLS Valsamata, VLS Valsamata

VLS Valsamata, VLS Valsamata, VLS Valsamata

PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo

AXAR Agios Charalam, AXAR Agios Charalam, AXAR Agios Charalam

DMLN Demoulonata-K, GUR Goura, GUR Goura

GUR Goura, GUR Goura, GUR Goura

GUR Goura, GUR Goura, GUR Goura

KEF3 Kipouria, Keph, THL Klokotas Trika, WIL2 Platees

THL Klokotas Trika, WIL2 Platees, THL Klokotas Trika, WIL2 Platees

NEIC 13 13:37:45.4±1.0,19°41'N,102°05'155°281W,0°009, h5km,1km, Error ellipse: s-maj=2.9km s-min=1.2km az=67.0

HVO 13 13:37:45.0±0.8,19°41'N,102°00'445°288W,0°007, h1km,4km,ML3.2/35,ML2.7/33(NEIC), Error ellipse: s-maj=1.0km s-min=0.5km az=106.0, Hawaiian Islands

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBL Observatory Le, UWE Uwekahuna, etc.

Table with columns: STCH, comp=N, 1.1um, 0.6s, IAML, 13 37 52.7, etc. Includes rows for NPOC, JCUZ, HVC, etc.

BJI 13 13:39:36.0±0.0, 18.87N:155.59W, h5km, mb5.0/14, mb5.5/12, Ms5.2/20, Ms7.4/9.20

HVO 13 13:39:37.6±1.2, 19.4N:0.2±155.28W:0.10, h0km±8km, ML4.0/40, mb4.6/55(NEIC), ML4.0/45(NEIC), MW5.3/32(NEIC), Error ellipse: s-maj=29.1km s-min=10.4km az=197.0

IDC 13 13:39:37.5±1.4, 19.14N:155.31W, h0km, mb4.1/10, mbmp4.1/10, MS4.5/78, Error ellipse: s-maj=37.8km s-min=13.4km az=178.0

NEIC 13 13:39:38, 19.51N:155.39W, h12km, Moment Tensor Solution. Duration: 2s3 Moment tensor: Scale 10^17Nm; M=1.07; Mw0.46; Mw0.61; Mw0.34; Mw0.51; Mw0.30; Fault plane solution: Mo1, 15000x1017 NPT1: 0±201.96000°; 848.58000°; λ-11.09000°; NP2: 0±59.67000°; 848.11000°; λ-62.69000°; Principal axes: T 1.0567, Plg0.0000°, Azm31.0000°; N 0.1824, Plg20.0000°, Azm221.0000°; P -1.2392, Plg70.0000°, Azm41.0000°

NEIC 13 13:39:38.2±1.7, 19.4N:0.1±155.3W:0.1, h5km±2km Error ellipse: s-maj=23.1km s-min=13.8km az=205.0

NEIC 13 13:39:38, 19.41N:155.28W, h12km GCMT 13 13:39:45.6±0.1, 19.35N:0.01±155.21W:0.01, h12km, Mw5.3/155, Moment Tensor Solution. s94, c145; s155, c270; Duration: 1s0 Moment tensor: Scale 10^17 Nm; M=1.08±0.1; Mw0.57±0.1; Mw0.51±0.1; Mw0.28±0.4; Mw0.36±0.1; Mw0.11±0.3; Best double couple: Mo 1.02800°; 1017°; NP1 8±239.00000°; 850.00000°; λ-75.00000°; NP2 0±37.00000°; 842.00000°; λ-107.00000°; Principal axes: T 0.9130, Plg4.0000°; Azm319.0000°; N 0.2300, Plg11.0000°; Azm50.0000°; P -1.1440, Plg78.0000°; Azm210.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 13:39:37.8±0.7, 19.42N:0.03±155.30W:0.02, h2km±3km, n550, s1914/495, mb4.6/45, MS4.6/89, 1D, Hawaiian Islands

Main table with columns: Code, Station Name, A±, AZ±, Phase ID, Time, Res, ISC. Lists various stations like UWE, OBL, UWB, etc.

Main table with columns: H11N1, WAKE ISLAND Hy 35.58 277, T, T, 14 23 42.5, etc. Lists stations like ARVC, VES, FMP, etc.

Main table with columns: M14K, Bethel, 41.56 355, P, P, 13 47 27.3 +0.7, etc. Lists stations like M16K, EYAK, M11K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array, H04N2 CROZET ISLANDS, etc.

IDC 13 14:27:54.01.1.3, 3.49N-123.97E, h0km, mb3.8/6, mbmtpp3.8/6, Error ellipse: s-maj=192.0km s-min=18.3km, az=60.0, Celebes Sea

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

IDC 13 14:38:45.1±1.2, 35.14N-25.95E, h0km, mb3.8/6, mbmtpp3.6/9, ML3.6/3, Error ellipse: s-maj=29.8km s-min=19.5km, az=164.0

ISK 13 14:38:50.5, 35.25N-26.07E, h7km, ML3.2/25
ATH 13 14:38:51.7, 35.05N-25.98E, h21km, 1km, ML3.1/11, Error ellipse: s-maj=3.2km s-min=1.1km, az=174.0
THE 13 14:38:53.0, 35.25N-26.02E, h3km, 4km, ML3.1/5, Error ellipse: s-maj=4.4km s-min=0.9km, az=201.0

ISC 13 14:38:50.5, 0.8, 35.09N, 0.05, 25.95E, 0.03, h27km, 6km, n73, c184/87, mb3.8/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, IACM Heraklion, KSTL Kastelli Herak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MHLO comp=N,1280um,0.4s, ARG Arkhangelos, etc.

IDC 13 14:47:36.3, 6.2, 34.85N-25.44E, h0km, mb3.7/3, mbmtpp3.5/4, ML2.7/1, Error ellipse: s-maj=273.6km s-min=105.7km, az=141.0

ISC 13 14:47:45.7, 35.31N-26.05E, h8km, ML3.0/23
THE 13 14:47:46.3, 35.27N-26.04E, h0km, 1km, ML2.8/8, Error ellipse: s-maj=1.4km s-min=0.7km, az=9.0
ATH 13 14:47:46.9, 35.24N-26.02E, h5km, 2km, ML2.9/11, Error ellipse: s-maj=3.1km s-min=0.8km, az=182.0

ISC 13 14:47:46.0, 0.8, 35.27N, 0.04, 26.02E, 0.02, h14km, 7km, n64, c187/83, mb3.7/3, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, IACM Heraklion, KSTL Kastelli Herak, etc.

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

IDC 13 14:57:49.5, 1.4, 38.10S-75.28W, h0km, mb3.7/4, mbmtpp3.7/5, ML4.0/1, Error ellipse: s-maj=50.5km s-min=26.9km, az=60.0

GUC 13 14:57:52.0, 0.6, 38.14S-75.05W, h35km, 18km, ML3.8
ISC 13 14:57:54.2, 1.0, 38.12S-75.04W, 0.1, h35km, n33, c136/34, mb4.0/7, 5C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LC02 Puerto Saavedr, BI05 Punta Hualpin, etc.

MAN 13 14:59:07.8, 6.49N-126.35E, h125km, mb5.7, ML4.8, MS5.2
MAN INTENSITY IV - GOVERNOR GENEROSO DAVAO ORIENTAL; INTENSITY III - DAVAO CITY; INTENSITY II - IGOS CITY; GENERAL SANTOS CITY; MATI CITY; MABINI COMPOSTELA VALLEY; INTENSITY I - MANAY DAVAO ORIENTAL
IDC 13 14:59:09.0, 0.5, 6.50N-126.15E, h144km, 3km, mb4.2/27, mbmtpp4.2/29, MS3.7/23, Error ellipse: s-maj=15.6km s-min=7.3km, az=79.0
GCMT 13 14:59:09.0, 0.2, 6.55N, 0.01, 126.32E, 0.02, h144km, 2km, MW5.0/98, Moment Tensor Solution. s39,c52; s98,c148; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.16±.11;

13d 16h

Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, and other parameters. Includes stations like M26K Nabesna, AK, MCARA McCarthy VSAT, E27K Coleen River, etc.

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Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRGLY Wrigley, LIRD Liard River Hi, TOAD Toad Liver Com, etc.

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Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAR, STKA Stephens Creek, MKAR Makanchi Array, etc.

Table with columns: AAK, Ala-Archa, 17.39, 45, P, P, 16 51 27.7 -1.1, comp=Z,0.3nm,0.3s,baz=223,slow=11,SNR=5.4

Table with columns: KURK, Kurchatov, 24.72, 33, P, Iamb, P, 16 52 45.0 -0.9, comp=Z,1.5nm,1.2s

Table with columns: SUW, LANS, Liptovska Anna, 33.71, 313, eP, P, 16 54 05.5 -0.4, comp=Z,3.1nm,1.2s

ECH	comp=Z,8.7nm,0.8s	I	Amb	I	Amb	16 55 12.7			
ECH	Echery	41.53	309	P	P	16 55 11.3	-0.8		
ECH	comp=Z,9.0nm,0.8s			P	pmax				
BNI	Bardonecchia	41.70	304	P	I	16 55 12.8	-0.8		
BNI	comp=Z,14nm,1.1s			I	Amb	16 55 15.5			
BNI	Bardonecchia	41.70	304	P	P	16 55 12.9	-0.8		
BNI	comp=Z,14nm,1.2s			P	pmax				
ARCES	ARCESS Array B	42.27	344	LR	LR	17 16 06.7			
ARCES	comp=Z,35nm,19.5s,baz=111,slow=41								
NB2	NORSAR Subarra	42.32	328	P	P	16 55 17.6	-0.8		
NB2	comp=Z,0.9nm,0.8s,baz=115,slow=7.9								
NOA	NORSAR Array B	42.32	328	P	P	16 55 17.1	-1.3		
NOA	comp=Z,1.9nm,0.8s,baz=114,slow=7.9,SNR=6.5								
NOA	comp=Z,1.9nm,0.8s								
XAN	X'tan	42.75	72	eP	P	16 55 25.4	+3.2		
XAN	comp=Z,13nm,1.0s								
BMRD	Maredous	43.28	312	dP	P	16 55 27.9	+1.7		
HHC	Hu-ho-hao-te	43.86	62	eP	sP	16 55 33.3	+2.1		
HHC	comp=Z,13nm,0.6s					16 55 37.8	+2.2		
HHC	comp=Z,120nm,4.9s								
PSI	Prapat	48.08	118	P	P	16 56 06.2	+1.4		
PSI	comp=Z,9.0nm,0.9s								
RPSI	Rantau Prapat	48.15	118	P	P	16 56 06.2	+1.1		
EKA	Eskdalemuir Ar	48.46	318	P	P	16 56 06.7	-0.4		
EKA	comp=Z,3.5nm,0.7s,baz=115,slow=7.6,SNR=7.7								
IPM	Ipon	48.63	114	P	P	16 56 09.5	+0.6		
ESDC	Sonsecra Array	50.03	298	P	I	16 56 18.2	-1.1		
ESDC	comp=Z,3.5nm,0.8s,baz=65,slow=7.8,SNR=23					16 56 19.8			
ESDC	Sonsecra Array	50.03	298	P	LR	16 56 18.9	-0.4		
ESDC	comp=Z,2.1nm,18.4s,baz=332,slow=38					17 19 14.7			
SPITS	Spitsbergen Ar	50.22	350	P	P	16 56 20.1	0.0		
SPITS	comp=Z,1.9nm,0.7s,baz=160,slow=17,SNR=6.2								
SPITS	comp=Z,1.9nm,0.7s								
NJ2	Nanjing	51.32	72	eP	P	16 56 31.3	+2.2		
NJ2	comp=Z,7.0nm,0.5s								
MDT	Midelt	52.15	289	LR	LR	17 24 07.1			
MDT	comp=Z,35nm,18.3s,baz=145,slow=42								
MTE	Manteigas	52.58	299	eP	P	16 56 39.2	+0.7		
MTE	comp=Z,29nm,1.1s								
MTE	Manteigas	52.58	299	P	P	16 56 37.6	-0.9		
PCBR	Castelo Branco	52.65	298	eP	P	16 56 39.5	+0.6		
PCBR	comp=Z,19nm,0.9s								
PMRV	Marv??o	52.67	298	eP	P	16 56 39.3	+0.2		
PBAR	Barrancos	52.69	296	eP	P	16 56 38.8	-0.4		
PVIS	Viseu	52.77	300	eP	P	16 56 40.3	+0.4		
SEA	Zeya	53.47	44	eP	P	16 56 50.8	+6.1		
SEA	comp=Z,10.0nm,1.4s								
HEH	HeiHe	53.94	48	eP	P	16 56 48.6	+0.4		
HEH	comp=Z,6.0nm,0.9s								
YAK	Yakutsk	54.36	33	LR	LR	17 22 36.9			
YAK	comp=Z,60nm,22.0s,baz=257,slow=39								
YAK	Yakutsk	54.36	33j	eP	P	16 56 50.8	-0.3		
YAK	comp=Z,4.0nm,0.8s								
TOAO	Torodi Ar. Sit	54.40	264	P	I	16 56 51.0	-1.2		
TOAO	comp=Z,6.1nm,1.1s					16 57 34.3			
TOAO	Torodi Ar. Sit	54.40	264	P	P	16 56 51.4	-0.7		
TOAO	Torodi Ar. Bea	54.40	264	P	P	16 56 50.9	-1.2		
TORD	comp=Z,4.6nm,1.1s					16 56 51.0	-1.2		
TORD	Torodi Ar. Bea	54.40	264	P	P	16 56 51.0	-1.2		
TORD	comp=Z,2.6nm,0.5s,baz=63,slow=7.1,SNR=23								
TORD	comp=Z,2.6nm,0.5s								
TIXI	Tiksi	54.56	22j	eP	P	16 56 52.2	-0.3		
TIXI	comp=Z,1.0nm,1.0s								
KLR	Kul'dur	56.88	49	LR	LR	17 24 26.9			
KLR	comp=Z,59nm,18.9s,baz=269,slow=39								
KLR	Kul'dur	56.88	49j	eP	P	16 57 09.2	-0.3		
KLR	comp=Z,3.0nm,0.9s								
KSAR	Wonju Array Be	56.94	63	P	P	16 57 09.9	-0.2		
KSAR	Wonju Array Be	56.94	63	P	P	16 57 09.9	-0.2		
KSRS	Korea Array	56.97	63	P	P	16 57 10.1	-0.2		
KSRS	comp=Z,3.1nm,0.8s,baz=277,slow=6.6,SNR=10					17 24 54.9			
USRK	Ussuriysk Ar.	58.15	55	P	P	16 57 17.9	-0.6		
USRK	comp=Z,3.1nm,0.8s								
USRK	Ussuriysk Ar.	58.15	55	P	P	16 57 17.9	-0.6		
USRK	comp=Z,1.3nm,0.8s								
TGY	Tagaytay City	60.00	91	LR	LR	17 25 02.0			
TGY	comp=Z,55nm,18.1s,baz=136,slow=38								
JNU	Nakatsue	60.62	67	LR	LR	17 28 13.3			
JNU	comp=Z,49nm,19.5s,baz=283,slow=40								
SUMG	Summit	62.17	340	P	P	16 57 45.2	-0.9		
SUMG	Summit	62.17	340	P	P	16 57 45.2	-0.9		
SUMG	comp=Z,6.0nm,1.0s								
DBIC	Dimbokro	63.23	261	P	P	16 57 51.0	-2.5		
DBIC	comp=Z,2.7nm,0.7s,baz=80,slow=18,SNR=2.5					17 27 33.7			
DBIC	comp=Z,68nm,18.9s,baz=265,slow=40								
DBIC	comp=Z,2.7nm,0.7s								
TSUM	Tsumber	63.41	223	LR	LR	17 28 50.0			
TSUM	comp=Z,43nm,18.8s,baz=304,slow=39								
LBTB	Lobatse	64.00	213	LR	LR	17 29 16.4			
LBTB	comp=Z,38nm,18.7s,baz=7.5,slow=39								
SEY	Seymchan	64.54	30j	eP	P	16 58 01.6	+0.2		
SEY	comp=Z,6.0nm,1.3s								
MA2	Magadan	64.93	34j	eP	P	16 58 02.5	-1.5		
MA2	comp=Z,8.0nm,1.2s								
ASAJ	Asahikawa	65.46	52	LR	LR	17 30 14.1			
ASAJ	comp=Z,38nm,18.1s,baz=226,slow=39								
BOSA	Boshof	67.25	211	P	P	16 58 19.2	-0.1		
BOSA	comp=Z,2.5nm,0.9s,baz=75,slow=9.2,SNR=4.6								
BOSA	comp=Z,2.5nm,0.9s								
SUR	Sutherland	72.45	212	LR	LR	17 30 09.9			
SUR	comp=Z,51nm,21.9s,baz=11.1,slow=36								
RES	Resolute Bay	72.64	353	LR	LR	17 34 47.8			
RES	comp=Z,46nm,20.0s,baz=29,slow=39								
A21K	Barrow	74.70	11	P	P	16 59 04.7	+0.8		
A21K	baz=330								
A19K	Wainwright	74.88	13	P	P	16 59 05.9	+0.9		
A19K	baz=329								
A22K	Sinclair Lake	75.24	11	P	P	16 59 07.9	+0.8		
A22K	baz=332								
B18K	Kokolik River	75.44	13	P	P	16 59 08.5	+0.3		
B18K	baz=326								
C16K	Lisburne Hills	75.57	15	P	P	16 59 09.8	+0.8		
C16K	baz=323								
B20K	Meade River	75.75	12	P	P	16 59 10.6	+0.6		
B20K	baz=330								
C17K	DeLong Mountai	75.89	14	P	P	16 59 11.3	+0.5		
C17K	baz=329								
B22K	Teshchepuk Lake	76.08	10	P	P	16 59 12.4	+0.6		
B22K	baz=328								
B22K	Teshchepuk Lake	76.08	10	P	P	16 59 11.9	0.0		
B22K	baz=333,SNR=8.9								
C19K	Lookout Ridge	76.09	13	P	P	16 59 12.2	+0.1		
C19K	baz=328								
C18K	Utukok River	76.15	14	P	P	16 59 12.7	+0.3		
C18K	baz=326								
B21K	Ikpkpuk River	76.53	11	P	I	16 59 15.3	+0.9		
B21K	comp=Z,6.1nm,0.9s					16 59 16.1			
B21K	Ikpkpuk River	76.53	11	P	P	16 59 14.9	+0.5		
B21K	baz=332,SNR=5.6								
D17K	Noatak River	76.54	15	P	P	16 59 14.8	+0.2		
D17K	baz=325								
A36M	Sachs Harbour	76.85	1	P	P	16 59 15.6	-0.6		
A36M	baz=358								
D19K	Kuna River	76.89	13	P	P	16 59 16.8	+0.3		
D19K	baz=329								
C21K	Knifeblade Rid	76.91	11	P	P	16 59 16.6	0.0		
C21K	baz=332								
C23K	Ikliik River	76.95	10	P	I	16 59 17.4	+0.5		
C23K	comp=Z,5.6nm,0.8s					16 59 19.4			

C23K	comp=Z,5.6nm,0.8s								
C23K	Ikliik River	76.95	10	P	P	16 59 16.6	-0.3		
D20K	Etvluq River	76.98	12	P	P	16 59 17.1	0.0		
D20K	baz=330								
TNA	Tin City	77.10	18	P	P	16 59 18.2	+0.5		
E18K	Tukphalearik C	77.31	14	P	P	16 59 19.4	+0.5		
E18K	baz=327								
C24K	Franklin Bluff	77.33	9	P	P	16 59 19.6	+0.6		
C24K	baz=337								
E17K	Hoatham Inlet	77.33	15	P	P	16 59 19.3	+0.3		
E17K	baz=326								
GAMB	Ganell	77.41	20	P	P	16 59 19.8	+0.3		
GAMB	baz=318								
E20K	Nigu River	77.45	12	P	P	16 59 19.5	-0.2		
E20K	baz=331								
D22K	Aiyikyav River	77.50	11	P	I	16 59 20.2	+0.2		
D22K	comp=Z,5.7nm,0.9s					16 59 21.8			
D22K	Aiyikyav River	77.50	11	P	P	16 59 19.8	-0.2		
D22K	baz=334								
E21K	Kilik River	77.68	11	P	P	16 59 21.2	+0.2		
E21K	baz=333								
D23K	Nanushuk River	77.73	10	P	P	16 59 21.4	+0.2		
D23K	baz=336								
F15K	North Star Dit	77.81	17	P	P	16 59 21.8	+0.1		
F15K	baz=337								
D24K	Happy Valley	77.83	9	P	I	16 59 21.9	+0.1		
D24K	comp=Z,3.4nm,0.7s					16 59 23.4			
D24K	Happy Valley	77.83	9	P	P	16 59 21.4	-0.3		
D24K	baz=337								
E19K	Redstone River	77.96	13	P	P	16 59 22.7	+0.2		

GAMB	Gambell	74.07	15	P	P	18 37 34.2 +0.9
N14K	Kuskokwak Cree	74.12	21	P	P	18 37 34.6 +0.9
O15K	Ungalikthiuk R	74.28	22	P	P	18 37 35.4 +0.7
BILL	Bilbino	74.47	4	P	I Amb	18 37 35.3 -0.3
BILL	Bilbino	74.47	4	P	I Amb	18 37 37.6 +1.2
M14K	Bethel	74.62	20	P	I Amb	18 37 37.8 +1.3
M14K	Bethel	74.62	20	P	I Amb	18 37 38.7 +1.1
L14K	Kuka Creek	74.80	20	I Amb	I Amb	18 37 39.9
L14K	Kuka Creek	74.80	20	P	P	18 37 38.8 +1.2
N15K	Kwethluk River	74.86	21	I Amb	I Amb	18 37 40.2
N15K	Kwethluk River	74.86	21	P	P	18 37 39.1 +1.1
SII	Sitkinak Islan	74.88	26	P	P	18 37 38.8 +0.6
M15K	Kasigluk River	75.02	21	P	P	18 37 39.7 +0.8
O16K	Kokwok River B	75.22	22	P	P	18 37 40.1 +0.1
Q17K	Contact Creek	75.22	24	P	P	18 37 40.2 0.0
R18K	Karluk	75.28	25	P	P	18 37 41.6 +0.6
L15K	Ungalak Mounta	75.44	20	P	P	18 37 41.8 +0.6
J14K	Nanvaranak Lak	75.55	18	I Amb	I Amb	18 37 44.5
J14K	Nanvaranak Lak	75.55	18	P	P	18 37 43.4 +1.6
N16K	Nishlik Lake	75.56	22	P	P	18 37 43.1 +1.1
P17K	Kvichak River	75.59	23	P	P	18 37 43.1 +0.9
OHAK	Old Harbor	75.67	26	P	P	18 37 43.2 +0.5
O17K	Koliganek Bris	75.72	23	P	P	18 37 42.6 -0.3
M16K	Timber Creek	75.86	21	P	P	18 37 45.1 +1.4
K15K	Wolf Creek Mou	75.87	19	I Amb	I Amb	18 37 46.1
K15K	Wolf Creek Mou	75.87	19	P	P	18 37 45.1 +1.4
L16K	Owhat River	76.15	20	I Amb	I Amb	18 37 47.2
L16K	Owhat River	76.15	20	P	P	18 37 46.2 +0.9
N17K	Nushagak Hill	76.17	22	P	P	18 37 46.7 +1.2
P18K	Big Mountain,	76.20	24	P	P	18 37 45.6 -0.1
KDAK	Kodiak Island	76.31	26	P	P	18 37 46.6 +0.3
ANN	Nome	76.38	16	P	P	18 37 47.6 +1.0
TNA	Tin City	76.47	15	P	P	18 37 48.1 +1.0
O18K	Koktuh Hills	76.50	23	P	P	18 37 48.0 +0.6
Q19K	Cape Douglas,	76.55	24	P	P	18 37 47.8 +0.1
M17K	Holitna River	76.66	21	I Amb	I Amb	18 37 50.9
M17K	Holitna River	76.66	21	P	P	18 37 49.7 +1.4
N18K	Kilae Creek	76.76	22	I Amb	I Amb	18 37 49.9 +1.1
N18K	Kilae Creek	76.76	22	P	P	18 37 51.2
N18K	Kilae Creek	76.76	22	P	P	18 37 50.0 +1.2
F14K	Arctic Creek	76.82	15	P	P	18 37 50.3 +1.2
L17K	Donlin	76.85	20	P	P	18 37 50.8 +1.6
J16K	Anvik River	76.87	19	I Amb	I Amb	18 37 52.1
J16K	Anvik River	76.87	19	P	P	18 37 51.0 +1.6
Q20K	Ghuayak River	76.88	25	P	P	18 37 50.3 +0.8
G15K	Niukluk	77.08	17	P	P	18 37 51.7 +1.2
P19K	Dil Pit	77.16	24	P	P	18 37 51.4 +0.3
K17K	Iditarod	77.24	20	I Amb	I Amb	18 37 53.9
K17K	Iditarod	77.24	20	P	P	18 37 52.9 +1.4
I17K	Unalakleet	77.27	18	I Amb	I Amb	18 37 54.4
I17K	Unalakleet	77.27	18	P	P	18 37 53.1 +1.6
M18K	Stony River	77.31	22	P	P	18 37 53.1 +1.3
H16K	Elim	77.34	17	P	P	18 37 52.6 +0.7
N19K	Bonanza Creek	77.38	23	P	P	18 37 52.6 +0.2
J17K	VAMB Dome	77.44	19	I Amb	I Amb	18 37 55.1
J17K	VAMB Dome	77.44	19	P	P	18 37 53.7 +1.1
F15K	North Star Dit	77.45	16	P	P	18 37 53.8 +1.2
L18K	Granite Mounta	77.47	21	I Amb	I Amb	18 37 55.3
L18K	Granite Mounta	77.47	21	P	P	18 37 53.4 +0.7
O20K	Slope Mountain	77.67	24	P	P	18 37 54.6 +0.7
HOM	Homer	77.81	25	P	P	18 37 55.3 +0.7
G16K	Koyuk River	77.86	17	I Amb	I Amb	18 37 57.1
G16K	Koyuk River	77.86	17	P	P	18 37 56.2 +1.4
M19K	Big River Lodg	78.10	22	I Amb	I Amb	18 37 59.4
M19K	Big River Lodg	78.10	22	P	P	18 37 57.7 +1.5
L19K	White Mountain	78.10	21	P	P	18 37 57.4 +1.1
BRLE	Bradley Lake	78.19	25	I Amb	I Amb	18 37 58.0
BRSK	Bradley Lake S	78.24	25	P	P	18 37 57.6 +0.6
H17K	Granite Mounta	78.25	18	I Amb	I Amb	18 37 59.2
H17K	Granite Mounta	78.25	18	P	P	18 37 58.2 +1.2
J18K	Innoko River	78.28	20	I Amb	I Amb	18 37 59.0
J18K	Innoko River	78.28	20	P	P	18 37 58.0 +0.8
G17K	Kiwalik Mounta	78.43	17	P	P	18 37 59.2 +1.2
SPCR	Spurr Chakacha	78.50	23	P	P	18 37 59.5 +1.0
M20K	Styx River	78.56	22	I Amb	I Amb	18 38 00.7
M20K	Styx River	78.56	22	P	P	18 38 00.0 +1.2
L20K	Forewell, AK	78.64	22	P	P	18 38 00.5 +1.3
CAPN	Captain Cook N	78.66	24	P	P	18 38 00.1 +0.9
H18K	Honhosa River	78.88	18	P	P	18 38 00.8 +0.4
F17K	Baldwin Pennin	78.93	16	P	P	18 38 01.8 +1.2
SEW	Geward	78.98	25	P	P	18 38 01.8 +0.8
J19K	Poorman	78.99	20	P	P	18 38 02.2 +1.1
GCSA	Galena City Sc	79.07	19	P	P	18 38 02.5 +1.1

O22K	Cooper Landing	79.08	24	P	P	18 38 02.0 +0.4
K20K	Telida	79.12	21	I Amb	I Amb	18 38 04.0
K20K	Telida	79.12	21	P	P	18 38 02.9 +1.1
SKT	Skwentna	79.22	23	P	P	18 38 01.8 -0.5
SUA	Susitna One	79.22	23	P	P	18 38 02.3 -0.2
SUA	Susitna One	79.22	23	P	P	18 38 02.4 -0.1
C16K	Lisburne Hills	79.24	14	P	P	18 38 02.9 +0.7
E17K	Hotnam Inlet	79.24	16	P	P	18 38 03.2 +0.9
G18K	Tagagavik	79.30	18	I Amb	I Amb	18 38 04.4
G18K	Tagagavik	79.30	18	P	P	18 38 03.4 +0.7
D17K	Noatak River	79.36	15	P	P	18 38 04.1 +1.2
RC01	Rabbit Creek A	79.41	24	P	P	18 38 03.9 +0.5
F18K	Selawik	79.50	17	P	P	18 38 04.7 +1.0
PPLA	Purkeypile	79.52	22	P	P	18 38 05.0 +0.9
J20K	Nowata River	79.61	20	I Amb	I Amb	18 38 06.6
J20K	Nowata River	79.61	20	P	P	18 38 05.6 +1.2
TIXI	Nowata River	79.62	352	P	P	18 38 03.8 -0.5
RDOG	Red Dog Mine	79.67	15	P	P	18 38 05.6 +1.0
H19K	Roundabout Mou	79.72	18	I Amb	I Amb	18 38 07.0
H19K	Roundabout Mou	79.72	18	P	P	18 38 05.9 +0.9
P23K	Montague Isla	79.78	25	P	P	18 38 06.2 +0.7
E18K	Tukpahleirik C	79.81	16	P	P	18 38 06.2 +0.8
CAST	Castle Rocks	79.87	21	I Amb	I Amb	18 38 06.8
CAST	Castle Rocks	79.87	21	P	P	18 38 05.5 -0.3
I20K	Naaghedeneel	79.89	20	I Amb	I Amb	18 38 08.2
I20K	Naaghedeneel	79.89	20	P	P	18 38 06.9 +1.1
C17K	DeLong Mountai	79.92	14	P	P	18 38 06.9 +0.9
PMR	Palmer	79.94	24	I Amb	I Amb	18 38 07.2
PMR	Palmer	79.94	24	P	P	18 38 06.4 +0.2
G19K	Purcell Mounta	79.94	18	I Amb	I Amb	18 38 08.3
G19K	Purcell Mounta	79.94	18	P	P	18 38 07.1 +1.0
Q23K	Middleton Isla	79.94	26	P	P	18 38 07.0 +0.7
CUT	Chulitna	79.95	23	P	P	18 38 06.4 +0.2
CHUM	Lake Minchumin	80.07	21	P	P	18 38 07.4 +0.5
KNK	Knik Glacier	80.11	24	I Amb	I Amb	18 38 08.8
KNK	Knik Glacier	80.11	24	P	P	18 38 07.8 +0.6
F19K	Shalerucik Mo	80.20	17	P	P	18 38 08.2 +0.7
H20K	Andromeda	80.20	19	P	P	18 38 08.4 +0.8
KTH	Kantishna Hill	80.37	21	I Amb	I Amb	18 38 09.1
SML	Sawmill	80.37	24	P	P	18 38 09.2 +0.6
GLI	Glacier Island	80.38	25	P	P	18 38 08.9 +0.3
C18K	Utukok River	80.54	15	P	P	18 38 09.9 +0.6
M23K	Glacier View	80.61	24	P	P	18 38 10.4 +0.5
BPAW	Bear Paw Mtn.	80.67	21	P	P	18 38 10.5 +0.4
EYAK	Cordova Ski Ar	80.78	25	P	P	18 38 11.2 +0.5
E19K	Redstone River	80.78	17	I Amb	I Amb	18 38 12.8
E19K	Redstone River	80.78	17	P	P	18 38 11.5 +0.9
SCM	Sheep Creek Mo	80.79	24	I Amb	I Amb	18 38 12.6
SCM	Sheep Creek Mo	80.79	24	P	P	18 38 11.7 +0.8
WAT1	Susitna Watana	80.85	23	P	P	18 38 11.3 +0.2
F20K	Avaratk Lake	80.95	17	P	P	18 38 12.5 +1.0
I21K	Tanana	80.96	20	I Amb	I Amb	18 38 13.6
I21K	Tanana	80.96	20	P	P	18 38 12.7 +1.1
H21K	Melozitna Rive	80.98	19	P	P	18 38 12.7 +1.0
WAT6	Susitna Watana	81.03	23	P	P	18 38 12.5 +0.2
KAIM	Kay Island	81.04	26	P	P	18 38 12.8 +0.6
R18D	Reindeer	81.05	22	I Amb	I Amb	18 38 12.9
KLU	Klutina	81.18	25	P	P	18 38 13.9 +0.9
MCK	McKinley	81.20	22	P	P	18 38 12.8 -0.2
D19K	Kuna River	81.24	16	I Amb	I Amb	18 38 14.8
D19K	Kuna River	81.24	16	P	P	18 38 13.5 +0.4
C19K	Lookout Ridge	81.28	15	P	P	18 38 14.0 +0.8
G21K	Allakaket	81.28	18	I Amb	I Amb	18 38 15.0
G21K	Allakaket	81.28	18	P	P	18 38 13.9 +0.6
MLY	Malyg	81.30	20	P	P	18 38 13.9 +0.5
M24K	Tolsona, Glenn	81.40	24	P	P	18 38 15.2 +1.1
DHY	Denali Highway	81.43	23	I Amb	I Amb	18 38 15.7
DHY	Denali Highway	81.43	23	P	P	18 38 14.7 +0.4
BMRM	Bremner River	81.47	25	P	P	18 38 15.1 +0.7
H22K	Ishlaltina Cre	81.59	19	P	P	18 38 15.8 +0.8
E20K	Nigu River	81.61	16	P	P	18 38 16.2 +1.2
NEA2	Nenana	81.64	21	I Amb	I Amb	18 38 15.6
NEA2	Nenana	81.64	21	P	P	18 38 15.0 -0.2
A19K	Wainright	81.70	14	P	P	18 38 16.4 +1.1
F21K	Alatina River	81.73	18	P	P	18 38 16.3 +0.6
N25K	Chitina, Valde	81.79	25	I Amb	I Amb	18 38 18.1
N25K	Chitina, Valde	81.79	25	P	P	18 38 17.1 +1.0
D20K	Etiyuk River	81.79	16	P	P	18 38 16.7 +0.7
I23K	Minto, Yukon-K	81.84	21	P	P	18 38 16.3 +0.1
WRH	Wood River Hill	81.92	21	I Amb	I Amb	18 38 17.2
HARP	HAARP	81.96	24	P	P	18 38 17.8 +0.9
VRDI	Verde Repeater	82.09	25	I Amb	I Amb	18 38 19.4
CCB	Cle Creek Bu	82.12	21	I Amb	I Amb	18 38 17.9
PAX	Paxson	82.12	23	P	P	18 38 18.2 +0.4
G22K	Bettes	82.16	19	P	P	18 38 18.5 +0.7

H23K	Yukon River	82.17	20	P	P	18 38 18.6 +0.6
COLA	College	82.23	21	P	P	18 38 18.6 +0.3
MESA	MESA	82.25	27	P	P	18 38 19.6 +0.8
HDA	Harding Lake	82.31	22	P	P	18 38 18.4 -0.3
F22K	John River	82.31	18	P	P	18 38 19.6 +0.9
MCARA	McCarthy VSAT	82.34	25	I Amb	I Amb	18 38 21.3
MCARA	McCarthy VSAT	82.34	25	P	P	18 38 19.8 +0.8
E21K	Killik River	82.36	17	I Amb	I Amb	18 38 20.7
E21K	Killik River	82.36	17	P	P	18 38 19.8 +0.9
K24K	Donnelly Dike	82.43	23	P	P	18 38 19.8 +0.4
POKR	Poker Plat Res	82.51	21	P	P	18 38 19.9 +0.2
G23K	Bananza Creek	82.52	19	I Amb	I Amb	18 38 21.6
G23K	Bananza Creek	82.52	19	P	P	18 38 20.5 +0.7
B20K	Meade River	82.52	15	I Amb	I Amb	18 38 20.9
B20K	Meade River	82.52	15	P	P	18 38 20.3 +0.7
ILAR	Elison Array	82.52</				

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like TMBK, GMB, GVD, etc.

SKHL 13 19:28:21.3i,0.4,44:20Nk,150:20E, h45km,5km, mb4.8/4 JMA 13 19:28:21.6i,0.7,45°N,3x15°0E, h30km, MV4,2/14, SE

MOS 13 19:28:24.9i,1.5,44:71Nk,149:85E, h47km, mb4.5/13, Error ellipse: s-maj=9.9km s-min=8.3km az=113.0

IDC 13 19:28:25.4i,4.5,44:94N,150:04E, h33km,33km, mb3.7/21, mbtmp3.9/26, ML3.2/5, MS3.3/7, Error ellipse: s-maj=20.3km s-min=16.8km az=146.0

NEIC 13 19:28:27.5i,1.7,44:9N,0.1:149:8E,0:1, h43km,10km, mb4.3/29, Error ellipse: s-maj=18.3km s-min=14.9km az=188.0

ISC 13 19:28:24.8i,0.6,44:61N,0:07:149:90E,0.06, h34km, n136, r149/125, mb4.2/10, MS3.4/6, 4C-5D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like KUR, SHO, YUK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like JIANG, JMM, JMT, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like ARU, ABKAR, SIMJ, etc.

TAP 13 19:28:04.1,24:90N,122:43E, h17km, ML2.6, C JMA 13 19:28:04.5i,0.2,25°N,1°12:24E,0.5, h9km,4km, MV2.2/6, NW OFF ISHIGAKI/JMA IS

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like TWB1, TWB1, EGS, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FUSHANZHUYUYA, MUCHA, PENGCHAIYU, NIUDOU, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WCKO, TPUB, NACB, LXIB, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ASAR, SONM, MKAR, WARRAMUNGA ARR, etc.

CHAN	comp=E,2255um,0.6s	0.81	85	P	Pn	20 36 26.2	+1.3
CHAN	comp=N,2709um,0.5s			AML	AML	20 36 41.7	
CHAN	comp=N,2709um,0.5s			AML	AML	20 36 45.6	
GVD	comp=E,2498um,0.7s	1.04	126	P	Pn	20 36 29.2	+1.0
GVD	comp=E,415nm,0.3s			S	Sn	20 36 44.2	+2.5
GVD	comp=E,415nm,0.3s	1.04	126	P	Pn	20 36 29.1	+0.9
GVD	comp=E,712um,0.3s			AML	AML	20 36 59.4	
GVD	comp=N,737um,0.3s			AML	AML	20 37 02.8	
PRNS	Prines Rhythym	1.18	94	P	Pn	20 36 30.9	+0.9
MNVA	Monemvasia	1.23	359	P	Pn	20 36 32.2	+1.5
VLI	Velia	1.26	356	P	Pn	20 36 32.5	+1.4
VLI	Velia	1.26	356	P	Pn	20 36 49.7	+2.7
VLI	comp=N,415nm,0.6s			S	Sn	20 36 32.7	+1.6
VLI	comp=N,820um,0.6s			AML	AML	20 36 56.9	
VLI	comp=N,820um,0.6s			AML	AML	20 36 57.9	
IDI	comp=E,877um,0.6s	1.51	96	P	Pn	20 36 36.3	+1.8
IDI	Anoyia	1.51	96	P	Pn	20 36 54.1	+1.1
IDI	comp=E,142nm,0.6s			S	Sn	20 36 36.0	+1.5
IDI	Anoyia	1.51	96	P	Pn	20 37 07.6	
IDI	comp=N,330um,0.5s			AML	AML	20 37 12.3	
MHLO	comp=E,200um,0.6s			AML	AML	20 36 37.3	+1.0
MHLO	Agia Marina, M	1.64	41	P	Pn	20 36 58.1	+1.8
MHLO	comp=E,592nm,0.6s			S	Sn	20 37 00.5	
MHLO	Agia Marina, M	1.64	41	P	Pn	20 36 37.1	+0.8
MHLO	comp=E,1032um,0.7s			AML	AML	20 37 01.3	
MHLO	comp=N,1167um,0.6s			AML	AML	20 37 01.3	
PYL	PHYLOS	1.79	324	P	Pn	20 36 39.9	+1.6
ITM	Ithomi	1.95	332	P	Pn	20 36 40.3	
ITM	Ithomi	1.95	332	P	Pn	20 36 42.2	+1.7
SN75	Nea Kammeni, S	2.12	63	P	Pn	20 36 43.5	+0.7
THR3	Thira Island,	2.12	63	P	Pn	20 36 43.8	+0.9
SANT	Santorini	2.15	64	P	Pn	20 36 44.6	+1.3
VLY	Voula, Athens	2.46	14	P	Pn	20 36 48.4	+0.9
GUR	Goura	2.54	347	P	Pn	20 36 52.6	+1.7
GUR	Goura	2.54	347	P	Pn	20 36 50.5	+1.8
APE	Apeiranthos	2.56	50	P	Pn	20 36 49.8	+0.8
ATHU	Athens Univer	2.57	13	P	Pn	20 36 50.0	+0.9
ZKR	Zakros	2.61	97	P	Pn	20 36 51.5	+2.0
KLV	Kalavryta, Ach	2.68	344	P	Pn	20 36 52.0	+1.4
DION	Dionisos Attik	2.71	15	P	Pn	20 37 23.9	+1.4
DION	Dionisos Attik	2.71	15	P	Pn	20 36 52.5	+1.6
DION	comp=E,142um,0.5s			AML	AML	20 37 24.2	
DION	comp=N,148um,0.4s			AML	AML	20 37 28.2	
VIL2	Platees	2.75	3	P	Pn	20 36 51.6	+0.1
EPF	Elpafio	3.10	343	P	Pn	20 36 58.6	+2.3
ANX	Ano Chora	3.26	344	P	Pn	20 36 59.7	+1.0
AXAR	Agios Charalam	3.32	355	P	Pn	20 37 00.3	+1.0
KARP	Karpathos	3.35	87	P	Pn	20 37 00.2	+0.5
KARP	Karpathos	3.35	87	P	Pn	20 37 00.2	+0.5
PVO	Paravola	3.38	339	P	Pn	20 37 02.0	+1.8
AGS	Agios Georgios	3.60	351	P	Pn	20 37 03.9	+0.7
MAKR	Makrakomi, Fth	3.62	349	P	Pn	20 37 05.3	+1.8
CHOS	Chios Island	3.78	39	P	Pn	20 37 07.4	+1.6
DBRK	Dubrovnik	8.15	334	ePn	Pn	20 38 01.9	-3.6
STON	Ston	8.49	332	ePn	Pn	20 38 05.9	-4.2
STON	Ston	8.49	332	ePn	Pn	20 38 04.7	-1.0
LSTV	Lastovo	8.73	329	ePn	Pn	20 38 09.4	-1.0
BRTR	Keskin Array B	9.41	60	P	Pn	20 38 23.8	+0.9
MORI	comp=N,29nm,19.1s,baz=154,slow=40			LR	LR	20 50 37.3	
MMAI	Mount Meron Ar	10.12	328	ePn	Pn	20 38 30.5	-2.0
MMAI	Mount Meron Ar	10.12	328	ePn	Pn	20 38 33.1	-4.7
OBN	Obninsk	21.76	21	LR	LR	20 50 37.3	
HFS	Hagfors	25.43	349	P	Pn	20 41 31.0	-1.6
KURBB	Kurchatov Arr	42.27	51	P	Pn	20 43 56.6	-1.6
MKAR	Makanchi Array	45.05	57	P	Pn	20 44 19.6	-1.1
ZALV	Zalesovo Beam	46.04	46	P	Pn	20 44 26.7	-1.7
YKA	Yellowknife Ar	76.63	341	P	Pn	20 47 54.7	-0.2

TA01	Diego Aracena	2.14	308	eP	Pn	20 43 28.7	+0.4
TA01	Diego Aracena	2.14	308	eS	Sn	20 43 55.1	-0.2
TA01	comp=Z,159nm,0.2s			IAML	IAML	20 43 55.8	
TA01	Diego Aracena	2.14	308	eP	Pn	20 43 27.9	-0.4
TA01	Humberstone	2.14	319	eP	Pn	20 43 53.8	-1.5
HMBC	Humberstone	2.14	319	eS	Sn	20 43 28.1	-0.3
HMBC	Humberstone	2.14	319	eS	Sn	20 43 54.8	-0.8
HMBC	comp=Z,350nm,0.3s			IAML	IAML	20 43 55.7	
HMBC	Humberstone	2.14	319	eP	Pn	20 43 27.9	-0.5
HMBC	Humberstone	2.14	319	eS	Sn	20 43 54.3	-1.3
HMBC	Humberstone	2.14	319	eS	Sn	20 43 55.7	
TA02	Huaiquique	2.30	315	eP	Pn	20 43 32.6	+2.3
TA02	Huaiquique	2.30	315	eS	Sn	20 43 59.7	+0.8
TA02	comp=Z,315nm,0.1s			IAML	IAML	20 44 03.0	
TA02	Huaiquique	2.30	315	eP	Pn	20 43 30.0	-0.3
GO01	Chusmiza	2.34	341	eP	Pn	20 43 32.2	+0.8
GO01	Chusmiza	2.34	341	eS	Sn	20 44 03.0	+2.2
GO01	Chusmiza	2.34	341	eP	Pn	20 43 32.1	+0.7
GO01	Chusmiza	2.34	341	eS	Sn	20 44 02.3	+1.5
GO01	comp=N,399nm,0.2s			IAML	IAML	20 44 08.1	
PB11	IPOC Station P	2.44	331	eP	Pn	20 43 32.2	-0.1
PB11	IPOC Station P	2.44	331	eS	Sn	20 44 02.6	+0.2
PB11	IPOC Station P	2.44	331	eS	Sn	20 44 08.9	
PB11	comp=Z,139nm,0.1s			IAML	IAML	20 43 32.0	-0.2
PB11	IPOC Station P	2.44	331	eP	Pn	20 43 32.0	-0.2
PB11	IPOC Station P	2.44	331	eS	Sn	20 44 03.4	-0.6
PB11	IPOC Station P	2.44	331	eS	Sn	20 44 03.4	
PB10	IPOC Station P	2.57	231	eP	Pn	20 43 34.2	+0.5
PB10	IPOC Station P	2.57	231	eS	Sn	20 44 20.3	
PB10	comp=Z,52nm,1.3s			IAML	IAML	20 43 38.8	+1.0
PB10	IPOC Station P	2.57	231	eP	Pn	20 43 33.9	-1.6
YJA	Yavi	2.68	96	eP	Pn	20 43 43.3	-0.1
PB14	IPOC Station P	3.29	214	eP	Pn	20 43 43.3	-0.1
PB14	IPOC Station P	3.29	214	eS	Sn	20 44 21.1	-1.2
PB14	IPOC Station P	3.29	214	eS	Sn	20 44 33.4	
GO04	comp=Z,71nm,0.2s			IAML	IAML	20 43 45.1	-0.1
GO02	Mina Guano	3.43	199	eP	Pn	20 44 26.5	+0.8
GO02	Mina Guano	3.43	199	eS	Sn	20 44 26.5	+0.8
PB12	IPOC Station P	3.74	331	eP	Pn	20 43 48.6	-0.6
PB12	IPOC Station P	3.74	331	eS	Sn	20 44 34.3	+1.5
PB12	IPOC Station P	3.74	331	eS	Sn	20 44 42.2	
comp=Z,37nm,1.9s				IAML	IAML	20 44 42.2	

BUC 13 20:50:14.9,0.7,45.78N:26.70E, h125km,4km, m12,6/10, Error ellipse: s-maj=6.2km s-min=4.0km az=36.0
 ISC 13 20:50:14.0,2.8,45.76N:0.07:26.68E:0.08,h132km,17km, n13, c065/142, 12C-11D, Romania

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
TA02	Huaiquique	0.77	102	Op	ISC	20 57 00.4	+0.3
TA02	Huaiquique	0.77	102	eP	Pn	20 57 10.0	-1.0
TA02	Huaiquique	0.77	102	eP	Pn	20 57 00.4	+0.3
TA02	Huaiquique	0.77	102	eS	Sn	20 57 14.0	
TA02	comp=N,19um,0.1s			IAML	IAML	20 57 00.4	+0.3
TA02	Huaiquique	0.77	102	eP	Pn	20 57 10.0	-1.0
TA01	Diego Aracena	0.84	123	iP	Pn	20 57 01.4	+0.1
TA01	Diego Aracena	0.84	123	iP	Pn	20 57 01.6	+0.2
TA01	Diego Aracena	0.84	123	iP	Pn	20 57 13.4	+0.5
TA01	comp=Z,7um,0.8s			IAML	IAML	20 57 01.4	+0.1
TA01	Diego Aracena	0.84	123	iP	Pn	20 57 12.2	+0.7
TA01	Diego Aracena	0.84	123	iP	Pn	20 57 13.8	
HMBC	Humberstone	1.00	100	iP	Pn	20 57 04.2	0.0
HMBC	Humberstone	1.00	100	iP	Pn	20 57 04.1	0.0
HMBC	comp=Z,4um,0.6s			IAML	IAML	20 57 24.4	
HMBC	Humberstone	1.00	100	iP	Pn	20 57 04.1	0.0
HMBC	Humberstone	1.00	100	iP	Pn	20 57 17.0	-0.6
HMBC	Humberstone	1.00	100	iP	Pn	20 57 26.1	
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 04.4	0.0
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 04.0	0.0
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 18.6	+0.3
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 23.7	
PATCX	comp=Z,3um,0.5s			IAML	IAML	20 57 04.3	-0.1
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 17.3	+0.3
PATCX	Punta Patache	1.02	134	iP	Pn	20 57 22.8	
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 08.6	0.0
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 08.7	0.0
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 26.6	-0.3
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 27.2	
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 08.6	0.0
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 25.1	+0.2
PB11	IPOC Station P	1.25	74	iP	Pn	20 57 29.8	
PX03	IPOC Station P	1.26	104	eP	Pn	20 57 08.0	-0.3
PX03	IPOC Station P	1.26	104	eS	Sn	20 57 24.8	-0.3
PX03	IPOC Station P	1.26	104	eS	Sn	20 57 25.8	
PX03	IPOC Station P	1.26	104	eS	Sn	20 57 08.8	+0.1
PX03	IPOC Station P	1.26	104	eS	Sn	20 57 28.2	+0.2
P							

13d 21h

Table with columns: SALV, PDRB, NPGB, PLCA, BDFB, BOAV, BOAV, BOAV, JANB, PCRV, MDP, RPN, PAPH, TXAR, VHRN, VHRN, S3SA, S3SA, S3SA, GSPA, GSPA, DBIC, GWY, ELK, NVAR, HLID, TOAO, TORD, TORD, TORD, TORD, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, WRA, BVAR, ZALV, MKAR, KSH, KSH, MJAR, SONMI, NEIC, IDC, ISC, Code, Station Name, Az, Az, Phase ID, Time, Res, Code, Station Name, Az, Az, Phase ID, Time, Res.

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Table with columns: ZALV, SONMI, ILAR, BUJ, IDC, NEIC, MOS, GCMT, Code, Station Name, Az, Az, Phase ID, Time, Res, Code, Station Name, Az, Az, Phase ID, Time, Res.

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Table with columns: PEAOB, PETK, PETK, PETK, ASAK, ASAK, ASAK, KDR, KDR, APC, APC, AMKA, KMSK, SKR, SKR, SKR, SKR, SKR, SKR, SKR, ATKA, SEY, SEY, SEY, SPJA, P08K, BILL, BILL, BILL, BILL, GAMB, NIKH, NIKH, M11K, UNV, UNV, TYV, TYV, TYV, TYV, TYV, K13K, K13K, TNA, TNA, M13K, FALS, FALS, F14K, J14K, J14K, L14K, L14K, M14K, M14K, M14K, S12K, S12K, S12K, O15K, O15K, F15K, L15K, K15K, M15K, YSS, YSS, YSS, YSS, YSS, YSS, H16K, N15K, O15K, G16K, J16K, H17K, L16K, C16K, S14K, M16K, M16K, N16K, CHNA, CNBA, G17K, D17K, J17K, H17K.

F17K	Baldwin Pennin	18.81	40	P	P	21 42 32.4	-1.9
O16K	Kokwok River B	18.84	61	P	P	21 42 34.9	+0.2
O16K	Kokwok River B	18.84	61	P	P	21 42 34.0	-0.7
E17K	Hotham Inlet	18.88	37	P	P	21 42 33.9	-1.1
P16K	Nushagak River	18.91	63	P	P	21 42 34.9	-0.5
L17K	Donlin	18.91	54	P	P	21 42 33.8	-1.6
CHGN	Chignik	18.95	72	P	Pn	21 42 36.5	-0.1
CHGN	Chignik	18.95	72	P	IAMB	21 42 39.2	
CHGN	Chignik	18.95	72	P	P	21 42 36.0	+0.1
RDOG	Red Dog Mine	18.96	34	P	P	21 42 34.7	-1.3
K17K	Iditarod	18.99	52	P	P	21 42 35.7	-0.6
C17K	Delong Mountai	19.09	33	P	P	21 42 36.9	-0.5
M17K	Holтна River	19.24	56	P	P	21 42 38.5	-0.5
N17K	Nushagak Hills	19.31	59	P	P	21 42 38.8	-1.1
O17K	Koligak Bris	19.35	61	P	P	21 42 39.4	-0.9
GRNR	Gornyy	19.43	271	iP	P	21 42 29.6	-1.2
GRNR	comp=Z,5.0nm,0.9s				MLR	MLR	
GRNR	comp=E,370nm,13.0s				MLR	MLR	
GRNR	comp=N,310nm,20.0s				MLR	MLR	
GRNR	comp=Z,340nm,14.0s				MLR	MLR	
E18K	Tukpahlearik C	19.45	37	P	P	21 42 40.6	-0.7
F18K	Selawik	19.47	40	P	P	21 42 40.4	-1.1
H18K	Honhosa River	19.50	45	P	P	21 42 40.9	-1.0
JKA	Kamikawa-asahi	19.56	247	P	IAMB	21 42 42.8	+0.2
JKA	Kamikawa-asahi	19.56	247	P	IAMB	21 42 47.0	
ASAJ	Asahikawa	19.56	247	P	P	21 42 43.1	+0.5
ASAJ	comp=Z,1.5nm,0.3s,baz=56,slow=7.4,SNR=18				LR	LR	21 51 10.9
ASAJ	Asahikawa	19.56	247	P	P	21 42 42.8	+0.2
G18K	Tagagawik	19.60	42	P	P	21 42 42.1	-0.9
L18K	Granite Mounta	19.67	54	P	P	21 42 43.2	-0.5
P17K	Kvichak River	19.70	63	P	P	21 42 44.2	+0.1
C18K	Utukok River	19.81	34	P	P	21 42 45.0	-0.3
J18K	Innoko River	19.82	50	P	P	21 42 45.2	-0.2
N18K	Kilae Creek	19.95	58	P	P	21 42 46.9	0.0
B18K	Kokolik River	19.99	31	P	P	21 42 46.6	-0.5
M18K	Stony River	20.02	56	P	P	21 42 47.3	-0.2
Q17K	Contact Creek	20.05	65	P	P	21 42 48.1	0.0
F19K	Shaleruckik Mo	20.25	40	P	Pn	21 42 51.1	-0.9
F19K	Shaleruckik Mo	20.25	40	P	P	21 42 49.5	-0.4
G19K	Purcell Mounta	20.29	42	P	P	21 42 49.8	-0.7
O18K	Koktuh Hills	20.30	61	P	P	21 42 50.2	-0.5
P18K	Big Mountain,	20.31	62	P	P	21 42 50.8	0.0
H19K	Roundabout Mou	20.37	44	P	P	21 42 51.1	-0.3
J19K	Poorman	20.39	49	P	P	21 42 51.1	-0.5
L19K	White Mountain	20.52	54	P	Pn	21 42 54.3	-1.0
L19K	White Mountain	20.52	54	P	IAMB	21 43 07.6	
L19K	White Mountain	20.52	54	P	P	21 42 53.0	0.0
C19K	Lookout Ridge	20.54	33	P	P	21 42 52.2	-1.0
CHIR	Chirikof Islan	20.58	72	P	P	21 42 52.6	-1.0
N19K	Bonanza Creek	20.65	58	P	P	21 42 55.3	+0.9
N19K	Bonanza Creek	20.65	58	P	IAMB	21 43 10.2	
N19K	Bonanza Creek	20.65	58	P	P	21 42 53.7	-0.7
A19K	Wainwright	20.65	30	P	P	21 42 53.7	-0.6
E19K	Redstone River	20.66	39	P	P	21 42 54.3	-0.2
M19K	Big River Lodg	20.72	55	P	Pn	21 42 56.8	-0.7
M19K	Big River Lodg	20.72	55	P	IAMB	21 43 10.3	
M19K	Big River Lodg	20.72	55	P	P	21 42 54.8	-0.4
JEM	Erimo	20.73	242	P	Pn	21 42 58.6	+0.8
ERM	Erimo	20.73	242	P	Pn	21 42 58.5	+0.7
ERM	Erimo	20.73	242	P	P	21 42 56.4	+1.0
ERM	Erimo	20.73	242	P	P	21 42 56.4	+1.0
D19K	Kuna River	20.75	35	P	P	21 42 55.0	-0.5
R18K	Karluk	20.90	67	P	P	21 42 57.0	-0.1
K20K	Telida	20.99	51	P	P	21 42 57.0	-1.1
L20K	Farewell, AK	20.99	53	P	P	21 42 56.7	-1.4
H20K	Anotleneega Mo	21.00	45	P	P	21 42 57.1	-1.1
I20K	Naagedeneel	21.02	47	P	P	21 42 57.0	-1.3
J20K	Nowinta River	21.06	48	P	P	21 42 57.4	-1.4
YAK	Yakutsk	21.06	306	P	P	21 42 56.9	-2.0
YAK	Yakutsk	21.06	306	P	P	21 42 56.7	-2.1
YAK	comp=Z,41nm,0.7s,baz=181,slow=1.6,SNR=15				S	S	21 46 46.5 -6.2
YAK	Yakutsk	21.06	306	iP	P	21 42 57.3	-1.5
YAK	Yakutsk	21.06	306	iP	Pmax	21 42 57.3	-1.5
F20K	Avarart Lake	21.08	40	P	P	21 42 57.6	-1.4
Q19K	Cape Douglas,	21.16	63	P	P	21 42 58.7	-1.3
S11K	Sitkinak Islan	21.22	70	P	P	21 43 02.8	+2.2
S11K	Sitkinak Islan	21.22	70	P	P	21 43 00.7	+0.1
S11K	Sitkinak Islan	21.22	70	P	P	21 42 59.8	-0.8
P19K	Oil Pt	21.31	61	P	P	21 42 59.9	-1.7
M20K	Styx River	21.32	55	P	P	21 43 00.3	-1.4
E20K	Nigu River	21.32	37	P	P	21 42 59.8	-1.8
D20K	Etlivuk River	21.35	36	P	P	21 43 00.5	-1.4
OHAK	Old Harbor	21.58	68	P	P	21 43 06.3	+1.9
OHAK	Old Harbor	21.58	68	P	P	21 43 03.9	-0.5
OHAK	Old Harbor	21.58	68	P	IAMB	21 43 14.3	
OHAK	Old Harbor	21.58	68	P	Pmax	21 43 02.8	-1.6
O20K	Slope Mountain	21.59	60	P	P	21 43 02.6	-2.0
B20K	Meade River	21.72	32	P	P	21 43 03.8	-2.0

N20K	Mount Spurr	21.75	57	P	P	21 43 04.8	-1.5
G21K	Allakaket	21.78	42	P	P	21 43 04.2	-2.4
PPLA	Purkeyville	21.80	52	P	P	21 43 04.4	-2.5
CHUM	Lake Minchumim	21.82	49	P	P	21 43 05.3	-1.6
Q20K	Shuyak Island	21.84	64	P	P	21 43 05.6	-1.6
KDAK	Kodiak Island	21.86	66	P	P	21 43 07.5	+0.1
KDAK	Kodiak Island	21.86	66	P	IAMB	21 43 27.1	
KDAK	Kodiak Island	21.86	66	P	P	21 43 05.8	-1.6
KDAK	Kodiak Island	21.86	66	P	P	21 43 07.6	+0.1
KDAK	Kodiak Island	21.86	66	P	P	21 43 05.8	-1.6
KDAK	Kodiak Island	21.86	66	P	P	21 43 07.6	+0.1
KDAK	Kodiak Island	21.86	66	P	P	21 43 05.8	-1.6
KDAK	Kodiak Island	21.86	66	P	P	21 43 07.6	+0.1
KDAK	Kodiak Island	21.86	66	P	P	21 43 05.8	-1.6
KDAK	Kodiak Island	21.86	66	P	P	21 43 07.6	+0.1
H21K	Melozitna River	21.88	45	P	P	21 43 07.7	-1.9
CAST	Castle Rocks	21.88	51	P	P	21 43 09.1	+1.4
CAST	Castle Rocks	21.88	51	P	P	21 43 06.1	-1.6
F21K	Alatina River	21.97	40	P	P	21 43 06.4	-2.2
SKT	Skwentna	22.07	55	P	P	21 43 10.8	+1.0
SKT	Skwentna	22.07	55	P	P	21 43 08.1	-1.6
C21K	Knifeblade Rid	22.13	35	P	P	21 43 08.2	-2.0
I21K	Tanana	22.13	46	P	P	21 43 08.3	-2.0
E21K	Killik River	22.16	37	P	P	21 43 08.3	-2.3
TEY	Ternei	22.28	257	eP	P	21 43 14.1	+2.1
CAPN	Captain Cook N	22.28	58	P	P	21 43 10.1	-1.8
CNPMP	China Poot	22.33	61	P	P	21 43 12.9	+0.4
CNPMP	China Poot	22.33	61	P	IAMB	21 43 26.1	
B21K	Ikpikpuk River	22.36	34	P	P	21 43 10.8	-1.9
KTH	Kantishna Hill	22.41	50	P	P	21 43 14.7	+1.3
KTH	Kantishna Hill	22.41	50	P	IAMB	21 43 24.2	
BPAW	Bear Paw Mtn.	22.43	49	P	P	21 43 13.1	-0.4
BPAW	Bear Paw Mtn.	22.43	49	P	P	21 43 11.6	-1.9
SUA	Susitna One	22.45	56	P	P	21 43 12.2	-1.7
A21K	Barrow	22.49	29	P	P	21 43 11.4	-2.6
H22K	Isahlitna Cre	22.50	44	P	P	21 43 12.0	-2.3
F22K	John River	22.53	40	P	P	21 43 12.7	-1.9
BRSE	Bradley Lake S	22.56	61	P	P	21 43 14.0	-1.0
MLY	Manley	22.64	47	P	P	21 43 14.4	-1.3
G22K	Bettles	22.65	42	P	P	21 43 13.1	-2.7
CUT	Chulitna	22.67	54	P	P	21 43 13.5	-2.5
JTM	Tenmabayashi	22.70	243	P	P	21 43 19.5	+2.9
JTM	Tenmabayashi	22.70	243	P	P	21 43 16.8	+0.2
D22K	Ayvikak River	22.75	36	P	P	21 43 14.8	-2.0
KLR	Kul'dur	22.81	271	LR	LR	21 53 08.5	
KLR	Kul'dur	22.81	271	P	P	21 43 17.7	0.0
KLR	Kul'dur	22.81	271	P	Pmax	21 43 17.7	0.0
A22K	Sinclair Lake	22.82	31	P	P	21 43 15.2	-2.3
E22K	Anauvik Pass	22.83	39	P	P	21 43 15.9	-1.9
RC01	Rabbit Creek A	22.95	57	P	P	21 43 17.4	-1.7
O22K	Cooper Landing	23.00	58	P	P	21 43 18.6	-0.9
B22K	Teshekpuk Lake	23.02	33	P	P	21 43 17.9	-1.6
BWN	Browne	23.10	49	P	P	21 43 22.0	+1.4
BWN	Browne	23.10	49	P	IAMB	21 43 34.9	
SEW	Seward	23.17	59	P	P	21 43 19.8	-1.4
G23K	Bananza Creek	23.18	42	P	P	21 43 20.0	-1.4
COLD	Coldfoot	23.21	41	P	P	21 43 20.5	-1.2
PMR	Palmer	23.22	56	P	P	21 43 20.6	-1.2
I23K	Minto, Yukon-K	23.23	47	P	P	21 43 21.0	-0.8
H23K	Yukon River	23.23	45	P	P	21 43 21.1	-0.9
NEA2	Nenana	23.30	48	P	P	21 43 21.2	-1.4
MCK	McKinley	23.31	50	P	P	21 43 21.6	-1.1
RND	Reindeer	23.33	51	P	P	21 43 22.2	-0.8
RND	Reindeer	23.33	51	P	P	21 43 22.2	-0.8
RND	Reindeer	23.33	51	P	Pmax	21 43 22.2	-0.8
D23K	Nanushuk River	23.46	37	P	P	21 43 22.9	-1.2
WAT1	Susitna Watana	23.46	52	P	P	21 43 22.6	-1.6
KNK	Knik Glacier	23.55	56	P	P	21 43 24.0	-1.1
ZEA	Zeya	23.59	284	eP	P	21 43 25.4	-0.1
ZEA	Zeya	23.59	284	eP	P	21 48 27.1	
ZEA	Zeya	23.59	284	P	Pmax	21 48 27.1	
SML	Sawmill	23.59	55	P	P	21 43 25.5	-0.1
SML	Sawmill	23.59	55	P	P	21 43 24.3	-1.2
MDM	Murphy Dome	23.69	47	P	P	21 43 26.7	+0.3
TIXI	Tiksi	23.71	330	P	IAMB	21 43 25.9	-0.6
TIXI	Tiksi	23.71	330	LR	LR	21 53 07.9	
TIXI	Tiksi	23.71	330	LR	LR	21 53 07.9	
TIXI	Tiksi	23.71	330	eP	Pmax	21 43 25.9	-0.6
WRH	Wood River Hill	23.71	48	P	P	21 43 27.3	+0.6
WRH	Wood River Hill	23.71	48	P	IAMB	21 43 38.0	
C23K	Hiki River	23.74	35	P	P	21 43 26.0	-0.8
TOLK	Toolik Lake Re	23.77	38	P	P	21 43 28.0	+0.8
TOLK	Toolik Lake Re	23.77	38	P	IAMB	21 43 39.6	
TOLK	Toolik Lake Re	23.77	38	P	P	21 43 26.2	-0.9
WAT6	Susitna Watana	23.84	53	P	P	21 43 27.2	-0.9
COLA	College						

Table with columns for station name, frequency, power, and coordinates. Includes stations like MJB9 Matsu-Tunnel, MAJO Matsuhiro, MJAR Matsuhiro Arr, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like SONM comp=Z,6.3nm,0.7s, baz=60, slow=8.1, SNR=18, ZAK Zakamensk, YKA Yellowknife Ar, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like ELK Elko, H17A Grant Village, RLMT Red Lodge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARSA Arzberg, BZS Buzias, WATA Walderalm, SOKA Soboth, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TATJ Tateyama, JYT Yasato, JHU Hanno, JSGW Sagamiharawaka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURB Kurchatov, B20K Meade River, etc.

NEIC 13 22:43:54.0.0.9, 19:404N, 0:008, 155:284W, 0:009, h1km, 5km, Error ellipse: s-maj=1.1km s-min=1.1km az=112.0
HVO 13 22:43:53.4.0.0.9, 19:409N, 0:007, 155:280W, 0:009, h1km, 5km, ML3.5/14, ML2.5/33(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=94.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OBL Observatory Le, RIM Rim, UWB Uwekahuna B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lefkada island, Fiskardo, Igoumenitsa, etc.

SKHL 13 23:45:22.7±0.3, 44.70N:152.20E, h29km±4km, mb4.4/3
NEIC 13 23:45:30.4±1.2, 45.4N:0.2±151.3E±0.2, h35km±2km, mb4.1/12, Error ellipse: s-maj=32.0km s-min=17.0km az=152.0

IDC 13 23:45:34.2±10.0, 47.11N:151.08E, h0km, mb3.8/9, mbtmp3.8/10, ML3.2/1, Error ellipse: s-maj=234.1km s-min=46.2km az=151.0

ISC 13 23:45:26.5±1.3, 44.9N:0.2±151.9E±0.1, h35km±n39, s=125/38, mb4.1/15, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kuril'sk, Shikotan, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Simiganj, FINESS Array B, NORSAR Subarra, etc.

IDC 13 23:54:42.3±0.5, 7.44N:80.63W, h0km, mb4.9/23, mbtmp4.9/29, ML4.3/6, MS4.4/54, Error ellipse: s-maj=18.5km s-min=11.4km az=60.0

MOS 13 23:54:43.6±1.3, 7.41N:80.66W, h17km, mb5.3/44, MS4.6/8, Error ellipse: s-maj=7.8km s-min=4.9km az=102.4

UPA 13 23:54:44.1±0.9, 7.43N:80.61W, h2km±3km, MW5.5, Fault plane solution: NP1: 281.54000°, 675.68000°, 423.14000°

NEIC 13 23:54:44.5±1.5, 7.43N:0.05±80.57W±0.07, h10km±1km, mb5.2/231, Mww5=237, Error ellipse: s-maj=11.8km s-min=8.0km az=239.0

CATAC 13 23:54:44.0±0.9, 7.31N:80.44W, h10km±7km, MB5.8, mb5.6, ML5.8

NEIC 13 23:54:45.3±7.23N:80.56W, h18km, Moment Tensor Solution. Duration: 250 Moment tensor: Scale 1018Nm; Mn=3.16, Mns0.19, Mns2.97, Me=0.47, Mw=7.34, Mr=1.64; Npz: Mn=0.12±0.01, Mns0.01±0.01, Mw0.1±0.02, Mr=0.1±0.02; Mw=0.16±0.03; Mns0.02±0.01; Mr0.36±0.04; Best double couple: M1: 1.00900°/101°; NP1: 281.54000°, 675.68000°, 423.14000°

RSNC 13 23:54:45.7±0.2, 7.1N:1.8°W, h10km±2km, M5.4, mb5.7, mb5.7, ML4.5, Mw(Mw)5.3, MwMwp5.1, MwM5.7

NEIC 13 23:54:45.3±7.43N:80.56W, h18km, MW5.5/132, Moment Tensor. s97, c150; s132, c245; Duration: 19; Moment tensor: Scale 1017 Nm; Mn=0.12±0.01, Mns0.01±0.01, Mw0.1±0.02, Mr=0.1±0.02; Mw=0.16±0.03; Mns0.02±0.01; Mr0.36±0.04; Best double couple: M1: 1.00900°/101°; NP1: 281.54000°, 675.68000°, 423.14000°

BGR 13 23:54:52.2±8.34N:79.69W, h1km, mb5.0, Ms4.6

ISC 13 23:54:44.1±0.5, 7.40N:0.20±151.9E±0.2, h10km±2km, h10km±P, N1150, e124/1215, mb5.1/227, MS4.5/64, 33C-53D, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOSI3, CACAO, AZU, MARI3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRU2, CDITO, MLIR3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HELE, HELC, HELD, HELF, HELG, etc.

13d 23h

TRQA	comp=Z,42nm,1.5s	I	Amb	I	Amb	00 04 37.9
TRQA	comp=Z,42nm,1.5s	48.43	160	P	P	00 03 26.6 -0.1
TRQA	comp=Z,43nm,1.5s			P	Pmax	
SCHO	Schefferville	48.56	11	P	P	00 03 27.6 +0.1
SCHO	comp=Z,16nm,0.7s,baz=206,slow=4			LR	LR	00 27 00.5
MSO	Missoula	48.57	330	P	P	00 03 27.5 -0.3
PLCA	Paso Flores	48.77	170	P	I	00 03 29.6 +0.3
PLCA	comp=Z,17nm,1.0s			P	P	00 03 36.8
PLCA	Paso Flores	48.77	170	P	P	00 03 29.2 -0.1
PLCA	comp=Z,6.6nm,0.7s,baz=344,slow=9.2,SNR=14			LR	LR	00 21 09.2
PLCA	Paso Flores	48.77	170	P	P	00 03 29.6 +0.3
PLCA	comp=Z,17nm,1.0s			P	Pmax	
PLCA	Paso Flores	48.77	170	P	P	00 03 30.1 +0.7
BMO	Blue Mountains	49.07	326	P	P	00 03 30.0 -1.6
BMO	Blue Mountains	49.07	326	P	P	00 03 30.0 -1.6
BMO				P	Pmax	
I07A	Izeze	49.86	324	P	I	00 03 37.0 -0.8
I07A	comp=Z,12nm,1.1s			I	I	00 03 38.9
FFC	Flin Flon	50.22	344	P	P	00 03 39.5 -0.7
FFC	comp=Z,16nm,0.8s			I	I	00 03 40.0
FFC	Flin Flon	50.22	344	eP	P	00 03 38.0 -2.1
YBH	Yreka Blue Hor	50.57	319	LR	LR	00 28 47.9
NEW	Newport	51.14	329	P	P	00 03 46.5 -0.7
NEW	Newport	51.14	329	LR	LR	00 27 37.1
HAWA	Hamford	51.24	326	P	P	00 03 47.5 -0.5
EDM	Edmonton	52.87	336	P	P	00 03 59.0 -1.1
EDM	Edmonton	52.87	336	P	P	00 03 59.0 -1.1
EDM				P	Pmax	
COYC	Coyahique	53.28	173	P	P	00 04 03.2 +0.2
ROSA	Rosail	56.36	48	eP	P	00 04 27.3 +1.7
CBB	Campbell River	56.52	327	P	I	00 04 26.7 +0.1
CBB	comp=Z,39nm,1.1s			I	I	00 04 28.6
FRB	Frobisher Bay	56.91	6	LR	LR	00 32 02.5
PSET	Sete Cidades	57.96	50	eP	P	00 04 38.6 +1.6
PDA	Ponta Delgada	57.99	50	eP	P	00 04 38.8 +1.7
CMLA	Cha da Macela	58.10	50	P	P	00 04 37.0 -0.9
CMLA	Cha da Macela	58.10	50	P	P	00 04 37.0 -0.9
PSMA	Santa Maria	58.18	51	eP	P	00 04 38.9 +0.4
PGRON	Lagoa das Cont	58.21	50	eP	P	00 04 39.9 +1.1
PSMN	Pico do Norte	58.23	51	eP	P	00 04 39.3 +0.4
BART	Pico Bartolomeo	58.37	50	eP	P	00 04 40.8 +0.9
IVI	Ivigtut	58.84	18	P	P	00 04 42.3 -0.3
IVI	Ivigtut	58.84	18	P	P	00 04 42.1 -0.5
IVI	Ivigtut	58.84	18	I	I	00 04 43.7
BBB	Bella Bella	59.14	328	LR	LR	00 32 30.1
NRS	Narsarsuaq	59.16	19	P	P	00 04 48.2 -0.1
NRS	Narsarsuaq	59.66	19	P	P	00 04 48.2 -0.1
NRS				P	Pmax	
NUUK	Nuuk	60.30	14	I	P	00 04 52.2 -0.3
NUUK	comp=Z,75nm,1.5s			I	I	00 04 53.5
YKA	Yellowknife Ar	60.34	343	P	P	00 04 52.1 -0.8
YKA	comp=Z,25nm,0.7s			P	P	
YKA	Yellowknife Ar	60.34	343	eP	P	00 04 51.8 -1.1
TOAD	Toad River Com	61.58	335	P	P	00 05 00.5 -1.0
KOTAN	Kotanelee Air	61.91	337	P	P	00 05 02.9 -0.8
V35K	Ketchikan	62.53	330	P	P	00 05 07.9 0.0
T35M	Bob Quinn	62.72	332	P	P	00 05 09.5 +0.3
T35M	Bob Quinn	62.72	332	P	P	00 05 09.1 -0.1
SFJD	Kangerlussuaq	62.91	13	LR	LR	00 33 53.7
CRAC	Craig	63.35	330	P	P	00 05 13.4 +0.1
DLBC	Dease Lake	63.40	333	P	P	00 05 13.6 -0.1
DLBC	Dease Lake	63.40	333	P	P	00 05 14.0 +0.3
DLBC	Dease Lake	63.40	333	LR	LR	00 35 20.4
WRAK	Wrangell Islan	63.43	331	P	P	00 05 13.7 -0.1
DY2G	Dye2	63.51	15	I	P	00 05 13.0 -1.5
DY2G	comp=Z,23nm,0.7s			I	I	00 05 14.4
S34M	Telegraph Cree	63.61	333	P	P	00 05 14.6 -0.5
U33K	Whale Pass	63.66	330	P	P	00 05 15.0 -0.4
PMOZ	Porto Moniz, M	63.67	57	eP	P	00 05 17.3 +1.2
PMOZ	Porto Moniz, M	63.67	57	eP	P	00 07 37.5 +1.3
MACI	Morro de la Ariz	63.70	62	P	P	00 05 16.1 -0.3
WRGL	Wrigley	63.70	340	P	P	00 05 15.2 -0.3
WTLV	Watson Lake, Y	63.80	335	P	P	00 05 16.4 +0.1
R33M	Jennings River	64.32	334	P	P	00 05 19.5 -0.4
TGNT	Hyland Airport	64.40	337	P	P	00 05 20.4 +0.1
ISOG	Isortoq	64.84	18	I	P	00 05 20.9 -2.0
ISOG	comp=Z,34nm,0.9s			I	I	00 05 23.0
S32K	Killisnoo	65.01	331	P	P	00 05 24.0 -0.1
SIT	Sitka	65.18	331	P	P	00 05 25.2 -0.1
ANGG	Ammassalik, Gr	65.30	18	P	P	00 05 24.8 -1.1
ANGG	comp=Z,25nm,0.9s			I	I	00 05 25.9
ANGG	Ammassalik, Gr	65.30	18	I	I	00 05 24.9 -1.0
R32K	Eaglecrest	65.36	332	P	P	00 05 26.3 -0.2
P33M	Teslin, Yukon	65.55	334	P	P	00 05 27.9 +0.1
P32M	Atlin	65.63	333	P	P	00 05 28.1 -0.2
S31K	Pelican	66.02	331	P	P	00 05 30.7 0.0
N32M	Quiet Lake	66.14	335	P	P	00 05 31.2 -0.3
MMPY	Sheldon Lake,	66.18	337	P	P	00 05 31.9 +0.1
SKAG	Skagway	66.29	330	P	P	00 05 32.2 -0.2
WHY	Whitehorse	66.36	334	P	P	00 05 34.4 -0.5
PLBC	Pleasant Camp	66.75	333	P	P	00 05 35.4 0.0
FARO	Faro, Yukon	66.80	336	P	P	00 05 35.6 -0.2
ICESG	Greenland Ices	67.14	15	I	P	00 05 35.6 -2.5
ICESG	comp=Z,73nm,1.2s			I	I	00 05 38.0
O31M	Drury Creek, Y	67.21	336	P	P	00 05 38.0 -0.3
M30M	Mendenhall	67.23	334	P	P	00 05 38.0 -0.6
P30M	Million Dollar	67.32	333	P	P	00 05 38.9 -0.3

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N31M	Braeburn, Yuko	67.44	335	P	P	00 05 39.4 -0.4
P29M	Windy Craggy	67.46	332	P	P	00 05 40.0 0.0
RES	Resolute Bay	67.75	356	P	P	00 05 40.0 -1.5
RES	comp=Z,22nm,1.2s			I	I	00 05 48.0
RES	Resolute Bay	67.75	356	LR	LR	00 35 38.5
RES	comp=Z,507nm,18.2s,baz=162,slow=36			P	P	00 05 40.0 -1.5
RES	Resolute Bay	67.75	356	P	Pmax	
HYT	Haines Junction	67.88	334	P	P	00 05 42.7 0.0
HYT	comp=Z,15nm,1.1s			I	I	00 05 44.4
HYT	Haines Junction	67.88	334	P	P	00 05 43.4 +0.7
N30M	Aishik Lake	67.98	334	P	P	00 05 43.4 +0.1
C36M	Paulatuk	67.99	345	P	P	00 05 43.8 +0.8
O29M	Mount Kennedy	68.13	333	P	P	00 05 44.3 0.0
PNL	Peninsula	68.24	332	P	P	00 05 45.6 +0.7
YUK6	Outpost Mounta	68.31	334	P	P	00 05 45.7 +0.2
M30M	Minto, Yukon	68.37	336	P	P	00 05 45.6 -0.1
MAYO	Mayo, Yukon	68.49	337	P	P	00 05 47.2 +0.9
YUK4	Talbot Ar	68.60	334	P	P	00 05 47.8 +0.4
M29M	Somme Creek	69.00	335	P	P	00 05 49.8 +0.1
H31M	Peel River	69.02	339	P	P	00 05 49.5 -0.1
O28M	Mount Upton	69.05	333	P	P	00 05 50.9 +0.7
YUK8	Steele Glacier	69.07	334	P	P	00 05 50.9 +0.6
J30M	Harri River	69.13	338	P	P	00 05 51.2 +0.7
L29M	L29M	69.16	336	P	P	00 05 50.8 +0.2
K29M	Barlow Dome	69.25	337	P	P	00 05 51.2 0.0
LOGN	Logan Glacier	69.44	333	P	I	00 05 52.6 +0.2
LOGN	comp=Z,25nm,1.2s			I	I	00 05 54.9
I30M	Mount Dempster	69.46	338	P	P	00 05 52.8 +0.3
YUK3	Moose Creek	69.57	334	P	P	00 05 53.5 +0.1
G31M	Satah River	69.58	340	P	P	00 05 52.8 -0.2
G31M	Satah River	69.58	340	P	P	00 05 52.9 0.0
MESA	MESA	69.62	332	P	P	00 05 53.9 +0.2
CTG	China Glacier	69.64	333	P	P	00 05 53.6 -0.2
F31M	Tsigehtichic	69.67	341	P	P	00 05 53.0 -0.5
F31M	Tsigehtichic	69.67	341	P	P	00 05 53.3 -0.2
J29M	Klonkide Camp	69.80	337	P	P	00 05 54.6 +0.1
BARN	Barnard Glacier	69.82	333	P	I	00 05 55.4 +0.5
BARN	comp=Z,8.8nm,0.8s			I	I	00 05 58.9
SUMG	Summit	69.90	12	P	P	00 05 54.7 -0.7
SUMG	Summit	69.90	12	P	P	00 05 54.7 -0.7
SUMG	Summit	69.90	12	I	P	00 05 54.0 -1.4
SUMG	comp=Z,32nm,0.9s			I	I	00 05 56.1
A36M	Sachs Harbour	70.06	347	P	P	00 05 55.1 -0.8
A36M	Sachs Harbour	70.06	347	P	P	00 05 54.4 -1.5
INK	Inuvik	70.07	342	P	P	00 05 56.0 0.0
INK	Inuvik	70.07	342	P	P	00 05 55.4 -0.6
INK	Inuvik	70.07	342	LR	LR	00 38 16.5
INK	Inuvik	70.07	342	P	P	00 05 56.0 0.0
INK	comp=Z,40nm,1.1s			P	Pmax	
DAWY	Dawson	70.08	336	P	I	00 05 55.9 -0.4
DAWY	comp=Z,23nm,1.3s			I	I	00 05 57.0
DAWY	Dawson	70.08	336	P	P	00 05 55.7 -0.6
EPYK	Eagle Plains	70.14	339	P	P	00 05 56.4 -0.1
BGLC	Bering Glacier	70.22	332	P	P	00 05 57.1 0.0
I29M	Ogilvie Camp,	70.24	338	P	P	00 05 57.1 -0.1
G30M	A'oh Zraii Nji	70.27	340	P	P	00 05 57.4 +0.1
M27K	Edge Creek, AK	70.42	334	P	P	00 05 58.7 +0.2
F30M	Barrier River	70.44	340	P	P	00 05 58.4 +0.1
BORG	Borgarnes	70.53	23	LR	LR	00 33 57.0
MCARA	McCarthy VSAT	70.56	333	P	P	00 06 00.0 +0.9
BCAR	Beaver Creek A	70.65	335	P	P	00 05 59.8 0.0
H29M	Whitestone	70.66	339	P	P	00 05 59.8 0.0
L27K	Beaver Creek,	70.67	335	P	P	00 06 00.7 +0.8
KAIM	Kayak Island	70.69	331	P	P	00 05 60.0 0.0
G29M	Pin Creek	70.86	339	P	P	00 06 01.3 +0.4
I28M	Miner Creek	70.89	338	P	P	00 06 01.3 +0.1
M26K	Nabesna, AK	70.92	334</			

RND	Reindeer	73.78 334	P	P	00 06 18.4 -0.1
RND	comp=Z,62nm,1.1s				
COLA	College	73.79 336	dP	P	00 06 18.3 -0.1
COLA	comp=Z,10.0nm,0.8s				
F25K	Christian River	73.84 339	P	P	00 06 19.1 +0.4
TBI	Tubuaj	73.88 243	eS	S	00 15 55.5 +3.6
TBI	Tubuaj	73.88 243	eLR	LR	00 28 54.5
M22K	Willow	73.90 332	P	P	00 06 19.1 0.0
MCK	McKinley	73.91 334	P	P	00 06 19.5 +0.3
C27K	Jago River	73.94 341	P	P	00 06 19.4 +0.2
E25K	Arctic Village	74.00 339	P	P	00 06 19.8 +0.1
SUA	Susitna One	74.12 332	P	I	00 06 20.6 0.0
SUA	SUA		I	Amb	00 06 21.9
SUA	Susitna One	74.12 332	P	P	00 06 20.7 +0.1
SUA	comp=Z,46nm,1.5s				
HOM	Homer	74.13 330	P	P	00 06 20.6 +0.2
CUT	Chulitna	74.13 333	P	P	00 06 20.3 -0.1
CAPN	Captain Cook N	74.14 331	P	P	00 06 19.9 -0.6
NEA2	Nemana	74.21 335	P	P	00 06 20.7 -0.2
KDAK	Kodiak Island	74.22 328	LR	LR	00 41 05.3
MDT	Midelt	74.23 58	LR	LR	00 37 18.2
MDT	comp=Z,124nm,19.7s,baz=282,slow=34				
Q20K	Shuyak Island	74.28 329	P	P	00 06 21.6 +0.2
C26K	Camden Bay	74.43 341	P	P	00 06 22.4 +0.3
OHAK	Old Harbor	74.48 327	P	P	00 06 22.5 -0.1
I23K	Minto, Yukon-K	74.48 336	P	P	00 06 22.4 0.0
SKT	Skwentna	74.61 332	I	Amb	00 06 24.9
SKT	Skwentna	74.61 332	P	P	00 06 23.2 -0.1
F24K	Squaw Lake	74.62 338	I	Amb	00 06 25.9
F24K	Squaw Lake	74.62 338	P	P	00 06 23.8 +0.5
PAB	San Pablo	74.70 51	P	I	00 06 24.8 +0.5
PAB	PAB		I	Amb	00 06 26.7
PAB	San Pablo	74.70 51	P	P	00 06 24.8 +0.5
D25K	Kavik River	74.70 340	I	Amb	00 06 35.2
D25K	Kavik River	74.70 340	P	P	00 06 23.9 +0.2
O20K	Slope Mountain	74.70 330	P	P	00 06 23.8 -0.1
KTH	Kantishna Hill	74.71 334	I	Amb	00 06 24.7
N20K	Mount Spurr	74.74 332	P	P	00 06 23.8 -0.4
SPCR	Spurr Chakacha	74.74 332	P	P	00 06 23.3 -0.9
H23K	Yukon River	74.75 337	P	P	00 06 23.9 -0.2
SII	Sitkinak Island	74.85 327	P	P	00 06 24.4 -0.4
BPBW	Bear Paw Mtn.	74.88 335	I	Amb	00 06 26.4
BPBW	Bear Paw Mtn.	74.88 335	P	P	00 06 24.8 -0.1
TIC	Tomoudi	74.89 85j	eP	P	00 06 25.9 +0.1
P19K	Oil Pt	74.92 330	P	P	00 06 25.0 -0.1
LIC	Lamto	74.92 86j	eP	P	00 06 26.0 0.0
Q19K	Cape Douglas,	74.99 329	P	P	00 06 25.2 -0.4
ESDC	Sonsecsa Array	75.00 51	P	P	00 06 26.4 +0.3
ESDC	Sonsecsa Array	75.00 51	P	P	00 06 26.9 +0.9
ESDC	comp=Z,29nm,0.8s,baz=272,slow=5.7,SNR=156				
ESDC	comp=Z,266nm,21.7s,baz=270,slow=31				
ESB	Sonsecsa Array	75.00 51	P	P	00 06 26.2 +0.1
MLY	Manley	75.01 336	I	Amb	00 06 31.9
MLY	Manley	75.01 336	P	P	00 06 25.6 0.0
E24K	Your Creek	75.02 339	P	P	00 06 26.0 +0.4
DBIC	Dimbokro	75.04 85	P	P	00 06 26.5 -0.2
DBIC	Dimbokro	75.04 85	I	Amb	00 06 28.1
DBIC	Dimbokro	75.04 85	P	P	00 06 26.9 +0.2
PPLA	Purkeypile	75.11 333	P	P	00 06 26.5 +0.1
DBG	Daneborg	75.12 14	eP	P	00 06 24.4 -1.6
G23K	Bananza Creek	75.18 337	P	P	00 06 25.8 +0.2
C19K	Castle Rocks	75.19 334	P	P	00 06 25.9 -0.8
CAST	Castle Rocks	75.19 334	P	P	00 06 26.1 -0.6
KIC	Kosan Bok	75.19 85j	eP	P	00 06 27.8 +0.2
M20K	Styx River	75.32 332	P	P	00 06 27.0 -0.5
COLD	Coldfoot	75.39 338	P	P	00 06 27.9 +0.2
CHUM	Lake Minchumin	75.39 334	P	P	00 06 27.5 -0.2
D24K	Happy Valley	75.47 340	P	P	00 06 28.2 +0.1
H22K	Ishlatitna Cre	75.49 336	P	P	00 06 28.6 +0.2
I21K	Tanana	75.56 336	P	P	00 06 28.4 -0.3
TOLK	Toolik Lake Re	75.57 339	P	P	00 06 28.9 +0.1
C24K	Franklin Bluff	75.60 340	P	P	00 06 29.0 +0.2
N19K	Bonanza Creek	75.75 331	P	P	00 06 29.4 -0.6
L20K	Farewell, AK	75.79 333	P	P	00 06 29.6 -0.5
G22K	Bettles	75.81 337	P	P	00 06 30.2 +0.1
P18K	Big Mountain,	75.87 329	P	P	00 06 30.0 -0.6
M19K	Big River Lodg	75.91 332	P	P	00 06 30.3 -0.5
O18K	Koktuh Hills	75.94 330	P	P	00 06 30.5 -0.5
H21K	Melozitna River	76.01 336	P	P	00 06 30.8 -0.4
Q17K	Contact Creek	76.03 328	P	P	00 06 31.2 -0.5
K20K	Telida	76.05 334	P	P	00 06 31.2 -0.3
D23K	Nanushuk River	76.05 340	P	P	00 06 31.3 -0.2
L19K	White Mountain	76.18 332	P	P	00 06 32.1 -0.2
F22K	John River	76.21 338	P	P	00 06 32.6 +0.2
E22K	Anaktuvuk Pass	76.23 339	P	P	00 06 32.6 +0.1
J20K	Novinka River	76.25 334	P	P	00 06 32.3 -0.3
C23K	Ikiliik River	76.27 340	P	P	00 06 33.0 +0.3
N18K	Kilae Creek	76.41 331	P	P	00 06 33.3 -0.4
P17K	Kvichak River	76.45 329	P	P	00 06 34.0 +0.1
G21K	Allakaket	76.48 337	P	P	00 06 34.2 +0.2

M18K	Stony River	76.51 331	P	P	00 06 33.7 -0.4
DAG	Danmarks Havn	76.58 12	i	P	00 06 31.7 -2.6
DAG	comp=Z,8.7nm,0.8s				
F21K	Altna River	76.63 338	P	P	00 06 35.2 +0.4
D22K	Ayiyak River	76.73 339	P	P	00 06 35.3 0.0
EKA	Eskelmuir Ar	76.78 35	P	P	00 06 35.2 -0.7
H20K	Anotlenege Mo	76.82 336	P	P	00 06 35.3 -0.6
J19K	Poorman	76.85 334	P	P	00 06 35.4 -0.7
O17K	Koliganek Bris	76.87 330	P	P	00 06 35.7 -0.5
N17K	Nushagak Hills	77.02 330	P	P	00 06 36.4 -0.7
L18K	Granite Mounta	77.03 332	P	P	00 06 36.5 +0.6
E21K	Kiilik River	77.08 339	P	P	00 06 37.1 -0.2
CHGN	Chignik	77.14 326	P	P	00 06 37.4 -0.3
P16K	Nushagak River	77.22 329	P	P	00 06 38.2 -0.1
J16K	Jan Mayen	77.23 19	LR	LR	00 40 42.4
J18K	Innokko River	77.24 333	P	P	00 06 37.7 -0.5
M17K	Hoitna River	77.26 331	P	P	00 06 37.6 -0.9
B22K	Teshpekuk Lake	77.33 341	P	P	00 06 38.5 -0.1
O16K	Kokwok River B	77.35 329	P	P	00 06 38.5 -0.4
F20K	Avaraart Lake	77.45 337	P	P	00 06 39.6 +0.3
H19K	Rotabout Mou	77.47 336	P	P	00 06 39.4 -0.1
C21K	Knifeblade Rid	77.53 339	P	P	00 06 39.7 -0.1
B21K	Ikpiuk River	77.57 340	P	P	00 06 39.9 -0.1
CHNA	Chernabura Is	77.67 324	P	P	00 06 40.5 -0.3
L17K	Donlin	77.77 332	P	P	00 06 41.0 -0.2
S14K	Fog Glacier	77.77 326	P	P	00 06 40.4 -1.1
N16K	Nishik Lake	77.79 330	P	P	00 06 41.3 -0.1
G19K	Purcell Mounta	77.83 336	P	P	00 06 41.4 -0.1
K17K	Iditarod	77.84 333	P	P	00 06 41.4 -0.3
E20K	Nigu River	77.85 338	P	P	00 06 41.9 +0.2
M16K	Timber Creek	77.94 331	P	P	00 06 42.5 +0.2
A22K	Sinclair Lake	77.99 341	P	P	00 06 41.9 -0.3
D20K	Etiuvik River	78.09 339	P	P	00 06 42.6 -0.3
E19K	Redstone River	78.10 337	P	P	00 06 43.1 +0.1
O15K	Ungalikthiuk R	78.18 329	P	P	00 06 43.4 -0.2
H18K	Honhosa River	78.20 335	P	P	00 06 44.4 +0.8
F19K	Shaleruckik Mo	78.21 337	P	P	00 06 44.3 +0.2
L16K	Owah River	78.27 331	P	P	00 06 44.4 +0.4
J17K	VABM Dome	78.28 333	P	P	00 06 44.3 +0.3
N15K	Kwethluk River	78.41 330	P	P	00 06 45.4 +0.5
G18K	Tagagawik	78.42 336	P	P	00 06 45.3 +0.5
B20K	Meade River	78.51 340	P	P	00 06 45.4 +0.2
A21K	Barrow	78.57 341	P	P	00 06 45.7 +0.2
D19K	Kuna River	78.59 338	P	P	00 06 45.9 +0.1
M15K	Kasiglik River	78.75 330	P	P	00 06 46.9 +0.2
H17K	Granite Mounta	78.83 335	P	P	00 06 47.2 +0.2
F18K	Selawik	78.92 336	P	P	00 06 47.5 0.0
O14K	Tigikuaivut M	78.93 329	P	P	00 06 47.6 0.0
J16K	Anvik River	78.95 333	P	P	00 06 47.9 +0.2
NOR	Nord	79.00 8	i	P	00 06 46.8 -0.9
CEST	Estერი de Car	79.01 48	P	I	00 06 49.4 +0.7
CEST	comp=Z,25nm,0.9s				
I17K	Unalakleet	79.05 334	P	P	00 06 48.2 0.0
S12K	Black Hills	79.14 325	P	P	00 06 48.7 -0.3
N14K	Kuskokwak Cree	79.19 330	P	P	00 06 49.0 0.0
G17K	Kiwik Mounta	79.20 335	P	P	00 06 48.9 -0.2
C19K	Lookout Ridge	79.21 339	P	P	00 06 49.2 +0.1
L15K	Ungalik Mounta	79.22 331	P	P	00 06 49.2 -0.1
K15K	Wolf Creek Mou	79.29 332	P	P	00 06 49.8 +0.1
M14K	Bethel	79.38 330	P	P	00 06 50.6 +0.5
E18K	Tukpahlearik C	79.38 337	P	P	00 06 50.5 +0.5
F17K	Baldwin Pennin	79.53 336	P	P	00 06 51.2 +0.3
C18K	Utukok River	79.74 338	P	P	00 06 52.3 +0.2
CLF	Chambon-Foret	79.74 43	P	P	00 06 52.8 +0.5
L14K	Kulka Creek	79.77 331	P	P	00 06 52.7 +0.5
H16K	Elim	79.79 334	P	P	00 06 52.4 +0.1
E17K	Hotham Inlet	79.82 337	P	P	00 06 52.5 +0.1
A19K	Wainwright	79.86 340	P	P	00 06 53.1 +0.6
G16K	Koyuk River	79.89 335	P	P	00 06 53.1 +0.3
B18K	Koklik River	80.03 339	P	P	00 06 54.3 +0.8
M13K	Dall Lake	80.05 330	P	P	00 06 53.8 +0.1
J14K	Nanvaranak Lak	80.25 332	P	P	00 06 55.4 +0.6
D17K	Noatak River	80.36 337	P	P	00 06 56.0 +0.7
G15K	Niukuk	80.58 335	P	P	00 06 56.8 +0.2
K13K	Kusilvak Mount	80.74 332	P	P	00 06 57.6 +0.1
TOAO	Torodi Ar. Sit	80.84 78	P	I	00 06 58.7 -0.2
TOAO	comp=Z,71nm,1.9s				
TORD	Torodi Ar. Bea	80.84 78	P	I	00 07 00.8
TORD	comp=Z,64nm,1.9s				
TORD	Torodi Ar. Bea	80.84 78	P	I	00 07 00.8
TORD	comp=Z,5.6nm,0.8s,baz=294,slow=6.4,SNR=52				
TORD	comp=Z,188nm,21.3s,baz=262,slow=36				
F15K	Star Dit	80.87 335	P	P	00 06 58.1 0.0
ANM	Nome	81.13 334	P	P	00 06 59.9 +0.3
C16K	Lisburne Hills	81.24 338	P	P	00 07 00.2 +0.2
DOU	Dourbes	81.27 40	dP	P	00 07 00.3 -0.2
BMRD	Maredsous	81.37 40	dP	P	00 07 01.7 +0.6

M11K	Mekoryuk	81.46 330	P	P	00 07 01.3 0.0
F14K	Arctic Creek	81.56 335	P	P	00 07 02.1 +0.3
BGES	Geeses	81.58 40	dP	P	00 07 02.8 +0.6
RCHB	Rochefort	81.67 40	dP	P	00 07 02.3 -0.3
UNV	Unalaska Valle	81.69 323	P	P	00 07 02.6 0.0
BCLA	Clavier	81.71 40	dP	P	00 07 03.1 +0.2
BSTI	Sart Tilman	81.88 40	dP	P	00 07 04.8 +1.0
MEM	Membach	82.16 40	dP	P	00 07 06.0 +0.8
TNA	Tin City	82.22 335	P	P	00 07 05.5 +0.3
BTNL	Ternell	82.23 40	dP	P	00 07 05.6 -0.1
WLF	Walferdange	82.28 41	P	P	00 07 06.2 +0.3
WLF	WLF		I	Amb	00 07 11.3
WLF	Walferdange	82.28 41	dP	P	00 07 07.0 +1.1
WLF	Walferdange	82.28 41	P	P	00 07 06.2 +0.3
WLF	Walferdange	82.28 41	eP	P	00 07 07.3 +1.4
RAR</					

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FRGS Fruska Gora, KJVJ Kijevo, BLY Banja Luka, etc.

Station data summary: IDC 14 00:42:05.8:0.9,30:75N:78:11E, h0km, mb3.8/12, mbtmp3.8/15, ML3.4/3, Error ellipse: s-maj=26.5km, s-min=19.0km, az=49.0

Station data summary: NEIC 14 00:42:07.6:1.6,30:39N:0:1x:78:28E:0.03, h10km, mb4.4/20, Error ellipse: s-maj=17.3km, s-min=10.2km, az=72.0

Station data summary: NDI 14 00:42:10.0:0.3,30:84N:78:23E, h10km, ML3.7, MW3.8, mb4.4(NEIC)

Station data summary: ISC 14 00:42:08.1:1.6,30:31N:0:04:78:30E:0.05, h16km, 10km, n60, r1542/69, mb4.2/21, Northern India

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like DDI Dehra Dun, SMLA Simla, BHK Bhakra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ARCES ARCESS Array B, HFS Hagers, NC40S NORSAR Array S, etc.

Station data summary: IDC 14 00:49:00.8:1.3,24:74N:121:160E, h0km, mb3.6/4, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=44.9km, s-min=26.2km, az=54.0

Station data summary: TAP 14 00:49:18.7:0.2,25:05N:122:53E, h151km, ML4.1, D

Station data summary: JMA 14 00:49:18.7:0.2,25:05N:122:53E:0.6, h151km, 2km, MW3.2/16, NW OFF IISHIGAKIJIMA IS

Station data summary: ISC 14 00:49:17.4:0.8,25:03N:0:04:122:51E:0.03, h161km, 5km, n139, r086/244, mb3.5/4, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWB1 Santiao Chiao, EGS, SX11 Grass Mountain, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ESHA, TWS1 Kuangyinsan, NDT Datong Townshi, etc.

Table with columns: TYC, Yuchr, 1.88 234 eP, Pn, 00 49 52.9 +1.1, etc. Lists various astronomical objects and their coordinates.

Table with columns: SLIU, SHIZI, 3.21 210 eP, Pn, 00 50 09.1 +1.2, etc. Lists astronomical objects with detailed parameters and coordinates.

Table with columns: THN, THN, 80nm, 0.2s, eS, IAML, Sn, 01 48 34.0 -1.4, etc. Lists astronomical objects with various parameters and coordinates.

s-maj=161.0km s-min=20.2km az=71.0
DJA 14 01:58:23.0 0.3, 3'S, 3'13" 0E, h10km, M4.0/8, mb4.2/3,
MLV3.9/8
NEIC 14 01:58:24.5 1.7, 2.8S:0.1x129.69E:0.09, h43km, 8km,
mb4.2/16, Error ellipse: s-maj=15.9km s-min=11.4km
az=214.0

ISC 14 01:58:22.8 0.6, 2.8AS:0.06x129.55E:0.06, h28km, n44,
c2507/41, mb4.1/12, MS3.1/4, Seram

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

IDC 14 02:10:32.6:16.0, 17.73S, 178.26W, h357km, 171km,
mb3.1/5, mbtmp3.8/5, Error ellipse: s-maj=47.2km
s-min=30.6km az=49.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Fiji Islands region.

NEIC 14 02:11:50.2 0.9, 6.2'65N:0.03:151.18W:0.05, h91km, 6km,
Error ellipse: s-maj=4.4km s-min=3.2km az=180.0

AEIC 14 02:11:51.4 1.0, 6.2'63N:0.03:151.15W:0.06, h82km, 5km,
ML2.7, ML2.9/160(NEIC), Error ellipse: s-maj=4.4km
s-min=4.1km az=223.0, Central Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for Central Alaska.

Main table with columns: RND, Reindeer, Pn, ISC, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: H20K, Anotleneega Mo, Pn, ISC, Time, Res, ISC. Lists seismic stations and their recorded data.

NEIC 14 02:11:58.7:1.2, 19.407N:0.010:155.274W:0.009,
h1km, 4km, Error ellipse: s-maj=1.6km s-min=0.9km
az=149.0

HVO 14 02:11:58.1:0.9, 19.412N:0.010:155.286W:0.009,
h1km, 4km, ML2.5/31, ML2.4/40(NEIC), Error ellipse:
s-maj=1.5km s-min=1.1km az=161.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Hawaiian Islands.

NEIC 14 05:25:02.6, 1.7, 19.85S; 0:05:69.46W; 0:10, h17km, 5km, mb4.2/16, Mw4.5(GUC), Error ellipse: s-maj=13.7km s-min=7.6km az=92.0

SJA 14 05:25:03.2, 1.7, 19.89S; 69.31W, h85km, ML4.3, MW4.1 VAO 14 05:25:04.2, 0.5, 19.77S; 69.15W, h100km, mb4.6

GUC 14 05:25:04.4, 0.8, 19.93S; 69.42W, h107km, 3km, ML4.4 ISC 14 05:25:02.1, 0.5, 19.87S; 0:03:69.41W, 0.05, h11km, 4km, h139, c1956/169, mb4.1/14, 9C-2D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IPOC Station P, Chusmiza, Humberstone, Huaiquique, Diego Aracena, Punta Patache, Chacalluta, Limon Verde, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Samuel, CPUL, CPUB, CPUR, CPUL, CPUB, CPUR, CPUL, CPUB, CPUR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RIM, KBO, KBL, KBL, KBL, KBL, KBL, etc.

IDC 14 05:29:55.9, 1.2, 141.10N; 119.67E, h0km, mb3.8/4, mbtm3.8/4, Error ellipse: s-maj=30.4km s-min=21.3km az=37.0, Luzon

IDC 14 05:33:03.5, 8, 17.42S; 178.69W, h688km, 65km, mb2.9/5, mbtm3.9/5, Error ellipse: s-maj=99.8km s-min=25.9km az=149.0

ISC 14 05:33:47.0, 1.7, 17.5S; 0:7:178.6W; 0.4, h650km, n8, o080/10, mb3.4/5, Fiji Islands region

THE 14 05:38:52.4, 37.77N; 20.01E, h4km, 36km, ML2.9/6, Error ellipse: s-maj=36.3km s-min=1.6km az=65.0

ATH 14 05:38:53.3, 37.83N; 20.07E, h23km, 3km, ML2.8/3, Error ellipse: s-maj=4.4km s-min=2.1km az=78.0

ISC 14 05:38:51.3, 1.9, 37.80N; 0:06:19.94E; 0.07, h12km, 11km, n20, c125/35, Ionian Sea

NEIC 14 05:33:17.8, 1.0, 19.38S; 0:01:05:275W; 0:005, h1km, 3km, Error ellipse: s-maj=1.5km s-min=0.5km az=163.0

HVO 14 05:33:17.4, 0.6, 19.40N; 0:01:155:281W; 0:005, h1km, 3km, ML3.7/38, ML3.3/31 (NEIC), Error ellipse: s-maj=1.5km s-min=0.7km az=177.0, Hawaiian Islands

IDC 14 05:40:36.5, 12.0, 19.20N; 155.49W, h0km, mb3.4/3, mbtm3.4/3, Error ellipse: s-maj=269.2km s-min=18.5km

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like LPAZ, LDASE, AODB, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like ACON, GRGR, TGUH, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like LBTB, PAUL, PFAL, etc.

14d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLOA, MWH, KHU, ALEP, POHA, HUH, CPH, HPAH.

NEIC 14 06:40:05.6-1.2, 19'407N-0'009-155'304W-0'005, h5km, 1km, ML3.1/38, Error ellipse: s-maj=2.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UWE, SDHH, OBL, UWB, RIM, KKO, SBLHI, EYL, HATHI, RSD, PUP, PUH, HLP, MLH, MLN, KNHH, STCH, NPOC, HMH, JOKA, MLOA, MWH, KHU, PAH, HPO, HUH, CPH, HPAH.

SSNC 14 06:41:43.5-0.9, 19'36N-73'15W, h5km, 5km, MD3.5, MW2.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAPH, MASC, LODA1, QMBU, SDDR, GTBY, MOAC, SC01, RCC, MARVS, GRTK, HLGC, YAR, LMG, STH, MTDJ.

NEIC 14 06:41:58.1-2.0, 40'63N-0'06-115'81W-0'03, h9km, 8km, Error ellipse: s-maj=8.5km s-min=3.0km az=163.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELK, BMN, Q12A, SPR3.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPR3, FSU, R11B, KVN, TPB, RYN, NVAR, NVO8, HLID, YERR, LHV, MZP, WAKR, MTPU, WCT, WCT.

IDC 14 06:52:17.3-3.4, 53'55N-90'59E, h0km, mbtmp3.4/3, ML2.8/3, Error ellipse: s-maj=32.5km s-min=23.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, SONM.

TRN 14 06:52:51.3, 10'24N-60'48W, h86km, MD3.9, East of Trinidad, Trinidad

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TBH, TRN, TCE, GRFF, GRGR, GRW, GRHS, GCMP, CRUV, SVOC, SVOT, SLBI, PCRV, BIM, BIV, BAUV.

TRN 14 07:07:54.0, 11'22N-62'23W, h119km, MD3.4, North of the Panama peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCE, TRN, GRFF, GRGR, TRP, GRW, GRHS, CRUV, GCMP, CUMV, PCRV, LUEP, BAUV.

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AZER 14 07:36:55.6, 38'55N-45'45E, h4km, ml2.5, ISC 14 07:36:53.7, 1.8, 38.474N-0.06-45.35E-0.07, h3km, 13km, n11, c076/18, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISHB, IMRD, ITBZ, ORD, NAX, IAZR, SBZ, SBZ, IHRH, IHRH, GDB, YEDAB, YRD, LRK.

MEX 14 07:41:30.5-1.0, 14'78N-92'24W, h104km, 9km, MD4.0, GCG 14 07:41:30.2-0.3, 15'05N-92'19W, h90km, 4km, MD3.3, ISC 14 07:41:28.8-1.4, 14'36N-0'06-92'24W-0'04, h107km, 9km, n23, c195/43, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG, PATR, CHJU, CHJU, PAVE, SMSP, SMSP, RTAL, RTAL, STG3, STG3, HUEH, HUEH, SULM, PCIG, FUG, FUG, CCIG, CCIG, TGIG, TGIG, CARR, CARR, PETF, PETF, CMAT, CMAT, HUIG, HUIG, NEUV, NEUV, PEIG, PEIG, TOIG, TOIG, PINO, PINO, FTIG, FTIG.

SJA 14 08:04:14.3-0.7, 21'87S-68'39W, h121km, 5km, ML3.1, MW3.5

GUC 14 08:04:16.4-0.5, 21'88S-68'38W, h101km, 5km, ML2.9, ISC 14 08:04:15.4-1.6, 21'36S-0'04-68'41W-0'07, h118km, 12km, n20, c195/38, 3C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, LVC, LVC, LVC, LVC, PB06, PB06, PB06, PB15, PB15, PB04, PB04, PATCX, PATCX, PATCX, PATCX, TA01, TA01, GO01, GO01, GO01, GO01, GO02, GO02, GO02.

NEIC 14 08:28:23.4-0.9, 19'38N-0'01-155'289W-0'007, h5km, 2km, ML2.8/36, Error ellipse: s-maj=3.1km s-min=1.8km az=158.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BYL, UWE, HATHI, PUAHI, HILINA PALI, etc.

NEIC 14 08:30:23.8:0.9, 19:411N:0:004:155:257W:0:009, h1km,5km, Error ellipse: s-maj=1.2km s-min=0.5km az=105.0

HVO 14 08:30:23.0:0.8, 19:409N:0:006:155:271W:0:008, h1km,5km, ML3.6(1), ML2.6(1)(NEIC), Error ellipse: s-maj=1.0km s-min=0.9km az=57.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BYL, RIM, OBS, HATHI, UWB, SBLHI, etc.

HVO 14 09:12:12.4:0.8, 19:39N:0:01:155:265W:0:007, h-0km,5km, ML2.4/7, ML2.5/42(NEIC), Error ellipse: s-maj=1.7km s-min=0.9km az=160.0

NEIC 14 09:12:13.0:0.9, 19:37N:0:01:155:277W:0:006, h3km,3km, Error ellipse: s-maj=1.8km s-min=0.7km az=166.0, Hawaiian Islands

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

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

DNK 14 09:38:50.2:0.7, 82:93N:5:41W, h27km,14km, ML2.1 BER 14 09:38:50.4:1.9, 82:92N:5:73W, h10km, mb(Pn)3.6, ML2.1(DNK), Confirmed Earthquake

ISC 14 09:38:46.2:3.8, 82:93N:0:2:5:30W:0:06, h10km, n10, 19:88/14, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NOR, KBS, SPAO, HSPB, etc.

ISC 14 09:53:01.7:1.9, 5:08S:141:68E, h0km, mb3.6/1, mbmtp3.5/3, ML3.3/2, Error ellipse: s-maj=140.7km s-min=28.5km az=114.0, New Guinea

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

ISC 14 10:04:40.7:0.8, 35:22N:140:12E, h0km, mb4.0/11, mbtmp4.0/13, ML3.2/2, MS2.9/4, Error ellipse: s-maj=24.7km s-min=16.0km az=77.0

JMA 14 10:04:45.3:0.1, 35:22N:140:12E, h13km, MW3.8, MDA 0/20, MV3.9/20, KUJUKUAI COAST BOSO PEN

JMA Felt III J1 at KUJUKUAI COAST BOSO PEN NIED 14 10:04:45.3:0.1, 35:22N:140:12E, h13km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

ISC 14 10:04:44.2:0.8, 35:22N:140:12E, h23km,5km, n45, s107/26, mb4.0/11, 4D, Near east coast of eastern Honshu

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

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

ISC 14 10:15:46.6:0.7, 32:45N:76:22E, h0km, mb4.0/14, mbtmp4.0/18, ML3.6/4, MS3.5/16, Error ellipse: s-maj=19.2km s-min=15.1km az=59.0

NEIC 14 10:15:49.5:2.5, 32:56N:0:09:76:36E:0:06, h10km,1km, mb4.5/37, Error ellipse: s-maj=14.6km s-min=8.0km az=172.0

BUI 14 10:15:50.7:0.0, 32:74N:76:75E, h5km, mb4.5/27, mb4.6/8, ML4.1/2, Ms3.8/7, Ms7.3/78

NDI 14 10:15:51.0:3.6, 32:54N:76:24E, h10km, ML4.1, MW4.1, mb4.5(NEIC)

ISC 14 10:15:49.7:1.2, 32:58N:0:04:76:29E:0:04, h17km,8km, n41, s130/30, mb4.5/35, MS3.4/13, 3C-1D, Kashmir-India border region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KK31, KK31, KK31, etc.

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

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

Table with columns: HLP, comp=N, 2j, 0.5s, IAML, 11 54 38.8, etc. Includes stations like Mauna Loa, Steam Cracks, Jonika Flow, Mauna Loa Obse, Pahoa, Kahuku, Pohakuioa, Hualalai, Hawaii Prepara, etc.

IDC 14 12:04:40.9;3.5,53.67N;90.68E,h0km,mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=28.4km s-min=23.6km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, KURBBA Kurchatov Arra, etc.

ISK 14 12:15:02.6;34.12N;26.23E,h11km,ML3.5/23 IDC 14 12:15:05.1;3.34;49N;26.49E,h0km,mb3.7/7, mbtmp3.6/10,ML3.5/3, Error ellipse: s-maj=23.6km s-min=17.5km az=176.0

AFAD 14 12:15:09.2;0.0,34.76N;26.49E,h7km,ML3.0/8, MW3.6 GII 14 12:15:09.2;0.0,34.76N;26.49E;937E;0.002,h10km, Mws3.6, confirmed

ATH 14 12:15:13.7;34.71N;26.27E,h24km,2km,ML3.0/8, Error ellipse: s-maj=4.1km s-min=1.2km az=345.0 THE 14 12:15:14.4;34.74N;26.28E,h21km,1km,ML3.0/5, Error ellipse: s-maj=2.1km s-min=0.8km az=350.0

ISC 14 12:15:06.8;1.5,34.39N;0.05;26.45E;0.04,h16km,gkm,n102,r182/123,mb3.6/7,Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, KARP Karpathos, KSTL Kastelli Herak, etc.

GVD Gavdhos 2.00 284 P S Pn 12 15 42.8 +2.8 12 16 04.8 +0.1

GVD Gavdhos 2.00 284 P AML Pn 12 15 42.8 +2.6 12 16 25.1

SANT Santorini 2.14 338 Pn Pn 12 15 42.4 +0.5 12 15 41.1 -0.1

THR9 Santorini-Faro 2.16 336 P Pn 12 15 42.0 -0.1 12 15 42.5 +0.3

ARG Arkhangelos 2.28 36 P Pn 12 15 47.0 -0.6 12 15 47.3 -0.3

IMMV Iera Moni Meta 2.30 298 P Pn 12 15 46.2 +2.2 12 15 44.9 +0.9

THR3 Thira Island, 2.19 337 P Pn 12 15 43.0 +0.4 12 15 43.6 +0.7

THR5 Thira Island, 2.22 336 P Pn 12 15 43.6 +0.7 12 15 43.9 +0.7

ARG Arkhangelos 2.28 36 P Pn 12 15 47.0 -0.6 12 15 47.3 -0.3

IMMV Iera Moni Meta 2.30 298 P Pn 12 15 46.2 +2.2 12 15 44.9 +0.9

IMMV Iera Moni Meta 2.30 298 P AML AML 12 16 40.9

Table with columns: YAZI Mula-Datša, 2.43 19 P S Pn 12 15 47.2 +1.4 12 16 14.3 -0.9

ANKY Antikythira Is 2.98 301 P Pn 12 15 55.2 +1.9 12 15 56.1 +2.7

MLSB Milas 3.09 20 Pn Pn 12 15 57.2 +2.2 12 15 57.5 +2.4

AKAS Kas 3.17 54 P S Sn 12 16 35.0 +0.9 12 16 37.0

SABU Mula-Dalaman 3.18 39 P S Pn 12 15 58.2 +2.1 12 16 11.5 -2.0

MULA Mugla, Merkez- 3.24 27 P S Pn 12 16 00.6 +3.6 12 16 36.6 +1.3

SMG Samos 3.33 5 S Pn 12 16 59.3 +1.1 12 16 02.3 +2.3

KNIK Mula-Seydiike 3.53 45 P S Sn 12 16 03.3 +2.2 12 16 43.8 +1.2

DNZT Denizli-Tavas- 3.56 35 S Pn 12 16 03.9 +2.4 12 16 50.5 +2.3

TAVA DENIZLI Tavas 3.66 32 P S Pn 12 16 05.4 +2.5 12 16 45.2 -0.6

ELL Elmalı 3.67 49 Pn Pn 12 16 05.3 +2.3 12 16 03.6 +0.4

ESEN Aydin-Nazilli 3.73 24 S Pn 12 16 05.5 +1.7 12 16 07.2 +0.1

AYDS Zeytinokoy-Aydi 3.74 18 Pn Pn 12 16 05.7 +1.8 12 16 07.7 +2.9

APMY Acipayam-Deniz 3.85 36 Pn Pn 12 16 08.2 +2.8 12 16 09.9 +1.4

CHOS Chios Island 4.00 356 P Pn 12 16 15.7 -0.2 12 16 11.1 +2.3

ODEM Odenisse-Izmir 4.09 18 Pn Pn 12 16 11.1 +2.3 12 16 11.9 +2.9

DION Dionisos Attik 4.21 332 P Pn 12 16 12.2 +1.9 12 16 18.4 +3.4

SEVD Seydişehir-KON 4.28 117 P S Pn 12 16 17.4 +1.2 12 16 23.2 +3.5

BRTR Keskin Array B 7.83 45 Pn Pn 12 16 29.3 -1.5 12 17 00.2 -0.0

YTR Yattir 7.88 110 S Pn 12 18 27.7 -2.2 12 17 01.5 +0.6

DSI Dead Sea 8.01 108 S Sn 12 17 01.5 +0.3 12 17 02.8 +0.4

KRMI Parana Flat 8.09 110 P Pn 12 17 04.1 +0.5 12 17 05.8 +0.7

PRNI Parana 8.28 117 S Pn 12 18 36.7 -2.7 12 17 04.1 +1.2

MBRI Mt Berech 8.51 120 P Pn 12 17 10.9 +1.4 12 17 11.1 +0.4

EIL Elat 8.61 121 Pn Sn 12 18 41.8 -5.7 12 17 11.2 +0.5

AKAS Malin Array Be 16.43 6 Pn Pn 12 18 55.0 -1.5 12 19 07.0 -1.6

HFS Hagfors 27.07 346 P P 12 20 46.7 -1.7 12 21 07.7 -0.4

TORD Torodi Ar. Bea 30.84 233 P P 12 21 23.2 +0.9 12 21 45.6 +0.2

ARCES ARCESS Array B 35.20 359 P P 12 21 59.9 +0.1 12 22 47.3 +0.2

MKAR Makanchi Array 43.32 56 P P 12 23 09.2 +1.3 12 23 34.2 +1.3

LJU 14 12:23:19.7, 45:57N;15:40E,h10km,ML3.0 LDG 14 12:23:19.4;0.2, 45:60N;15:41E,h6km,ML3.0/20, Error ellipse: s-maj=4.3km s-min=1.9km az=146.0

ROM 14 12:23:19.5;0.1, 45:59N;0.01;15:43E;0.01,h3km,1km, ML3.5/66, Error ellipse: s-maj=1.9km s-min=0.4km az=146.0

RHSSO 14 12:23:21.0;0.2, 45:55N;15:37E,h5km,1km,ML3.3/22 BGR 14 12:23:22.9;0.7, 45:66N;15:48E,h10km,ML3.0/5, Error ellipse: s-maj=18.9km s-min=12.2km az=46.0

PRU 14 12:23:24.5, 45:87N;15:41E,h10km ISC 14 12:23:19.9;0.8, 45:59N;0.01;15:39E;0.01,h12km,4km,n156,r2809/244,23C-18D,Northwestern Balkan

OZLI Ozalj 0.06 64 Pn Pn 12 23 23.1 -1.0 12 23 23.2 -0.2

BOUS Bojanci 0.13 228 P S Pn 12 23 23.2 -0.2 12 23 23.2 -0.2

BOUS Bojanci 0.13 228 P S Pn 12 23 23.2 -0.2 12 23 25.6

BOUS Bojanci 0.13 228 P S Pn 12 23 22.7 -0.4 12 23 25.1 -0.3

CRES Cresnejev 0.24 12 P S Pn 12 23 24.8 -0.3 12 23 29.7

GCIS Gornji Cirkic 0.33 31 P S Pn 12 23 26.4 -0.2 12 23 32.8

LEGS Legarje 3.62 352 P S Pn 12 23 27.1 -0.2 12 23 32.0 -0.1

CESS Cesta pri Krsk 0.39 8 P S Pn 12 23 32.5 -0.3 12 23 34.2 +1.3

CESS comp=Z,1j,0m,0.2s IAML 12 23 36.3

GBRS Gornja Briga 0.41 262 P Pn 12 23 28.6 +0.5 12 23 33.9 +0.3

VISS Visnje 0.44 299 P Pn 12 23 28.6 -0.1 12 23 30.5 +2.1

GOLS Golise 0.45 211 P Pn 12 23 28.8 -0.1 12 23 35.8 +0.8

ZAG Zagreb 0.48 60 P Pn 12 23 29.8 +0.3 12 23 36.9 +1.0

PTJ Ptuj 0.52 52 P Pn 12 23 29.9 -0.2 12 23 30.9 +0.2

DOB Dobrina 0.56 6 P Pn 12 23 31.1 +0.1 12 23 43.6

RIV Rijeka 0.69 248 P Pn 12 23 33.3 0.0 12 23 33.5 +0.2

CEY Cerknica 0.69 283 P Pn 12 23 33.4 +0.1 12 23 43.7 +1.3

VNDS Vrh nad Dolsci 0.70 317 P Pn 12 23 39.9 +0.3 12 23 49.5

KNDS Knezi D 0.71 265 P Pn 12 23 33.9 +0.2 12 23 45.0

PLIT Plitvice 0.73 167 P Pn 12 23 33.6 -0.4 12 23 42.0 -1.6

LOB Lobor 0.74 40 P Pn 12 23 44.0 -0.3 12 23 48.9 +0.2

LJU Ljubljana 0.75 307 P Pn 12 23 34.9 +0.4 12 23 35.0 +0.4

GROS Grobnik 0.88 5 P Pn 12 23 36.9 0.0 12 23 51.5

ZAVS Zavodnje 0.88 344 P Pn 12 23 37.3 +0.3 12 23 50.3 +1.3

KALN Kalnik 0.92 54 P Pn 12 23 37.2 -0.6 12 23 38.0 +0.1

RAB Rab 0.94 207 P Pn 12 23 37.4 -0.7 12 23 38.1 -0.7

MOBL Moslavina 0.96 88 P Pn 12 23 38.3 -0.7 12 23 39.0 +0.4

SKDS Skadanscina 0.96 268 P Pn 12 23 38.0 -0.6 12 23 57.5

SKDS Skadanscina 0.96 268 P Pn 12 23 37.9 -0.6 12 23 51.0 -0.1

JAVS Javornik 0.97 289 P Pn 12 23 38.4 -0.4 12 23 58.9

SMRN Sveta Marina 1.03 238 P Pn 12 23 40.1 +0.3 12 23 40.1 -0.3

KOGS Kog 1.05 35 P Pn 12 23 40.1 -0.1 12 23 58.0

PERS Pernice 1.06 350 P Pn 12 23 40.4 0.0 12 23 58.7

NVLJ Novajla 1.09 200 P Pn 12 23 40.6 0.0 12 23 41.3 +0.3

OBKA Obir 1.09 328 P Pn 12 23 57.7 +1.5 12 23 49.9 -0.1

OBKA Obir 1.09 328 P Pn 12 23 56.8 +1.8 12 23 57.7 +1.5

OBKA Obir 1.09 328 P Pn 12 23 40.1 -0.9 12 23 41.4 -0.1

SOKA Sobotina 1.12 347 P Pn 12 23 57.1 +1.3 12 23 41.9 -0.1

PRIJ Prijedor 1.12 123 P Pn 12 23 56.2 +0.2 12 23 41.9

VOJSK Vojsko 1.14 293 P Pn 12 23 41.9 12 23 42.9 +0.1

GORS Gorjuse 1.21 307 P Pn 12 23 42.7 +0.6 12 24 04.7

BEHE Becehely 1.31 47 P Pn 12 24 04.2 +2.1 12 23 44.4 +0.3

SABO M.te Sabotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

SABO Sobotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

SABO Sobotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

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SABO Sobotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

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SABO Sobotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

SABO Sobotina 1.31 288 P Pn 12 24 03.7 +1.5 12 24 03.7 +1.5

14d 13h

2018 JUN

-1.1340, P1g81.0000°, Azm194.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 13:19:37.2+0.9, 19.45N, 0.03, 155.29W, 0.02, h3km, 4km, 1461, 0.1904/407, mb4.7/47, MS4.6/72, 1.2D, Hawaii

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

Table with columns: P18K, P14K, 214A, V35K, O16K, ELK, SPR3, O17K, O18K, BRSE, Q23K, O20K, RAR, N14K, WRAK, N15K, SEW, SHEM, P23K, S31K, S32K, N16K, N17K, KAIM, O22K, N18K, M13K, N19K, CAPN, M15K, M14K, M16K, EYAK, R32K, WUJAZ, HLID, TUC, N20K, RC01, GLI, T35M, LP1G, M17K, M18K, P29M, SUA, NEW, NEW, BMRM, KNK, PLBC, HVU, L16K, PMR, L15K, M22K, M19K, M20K, KLU, O29M, SKT, SKT, SML, CTG, O28M, P30M, L19K, L19K, L17K, SCM, L18K, X18A, N25K, TBI, TBI, TBI, TBI, TBI, P32M, L20K, W18A, K15K, CUT. Lists seismic events with magnitude, time, and location.

Table with columns: D18K, D19K, D20K, D21K, D22K, D23K, D24K, D25K, D26K, D27K, D28K, D29K, D30K, D31K, D32K, D33K, D34K, D35K, D36K, D37K, D38K, D39K, D40K, D41K, D42K, D43K, D44K, D45K, D46K, D47K, D48K, D49K, D50K, D51K, D52K, D53K, D54K, D55K, D56K, D57K, D58K, D59K, D60K, D61K, D62K, D63K, D64K, D65K, D66K, D67K, D68K, D69K, D70K, D71K, D72K, D73K, D74K, D75K, D76K, D77K, D78K, D79K, D80K, D81K, D82K, D83K, D84K, D85K, D86K, D87K, D88K, D89K, D90K, D91K, D92K, D93K, D94K, D95K, D96K, D97K, D98K, D99K, D100K. Lists seismic events with magnitude, time, and location.

RLMT	Red Lodge	45.76	45	P	P	13 27 59.1	-1.2
I23K	Minto, Yukon-K baza=188	45.84	3	P	P	13 28 00.3	0.0
DAWY	Dawson	45.87	10	P	P	13 28 00.9	+0.3
DAWY	comp=Z,10nm,1.6s			I Amb	I Amb	13 28 31.6	
DAWY	Dawson	45.87	10	P	P	13 28 01.6	+1.0
POKR	Poker Plat Res baza=190	45.94	5	P	P	13 28 00.2	-1.0
K29M	Barlow Dome	45.97	11	P	P	13 28 01.4	-0.2
H20K	Anotleneega Mo baza=180	46.02	0	P	P	13 28 01.9	+0.2
H19K	Roundabout Mou baza=178	46.06	359	P	P	13 28 02.7	+0.7
G17K	Kiwalik Mouna baza=173	46.16	357	P	P	13 28 03.0	+0.1
EGAK	Eagle	46.28	8	P	P	13 28 03.9	+0.2
MNTX	Cornudas Mount baza=267	46.28	64	P	P	13 28 03.8	-0.6
KOTAN	Kotanealee Air	46.34	21	P	P	13 28 04.8	+0.5
EGMT	Eagleton	46.44	41	P	P	13 28 05.2	-0.2
G18K	Tagagawik baza=176	46.48	358	P	P	13 28 06.5	+1.2
PRP	Porcupine Dome baza=193	46.49	6	P	P	13 28 06.2	+0.5
H23K	Yukon River baza=188	46.51	3	P	P	13 28 06.3	+0.7
F14K	Arctic Creek	46.58	354	P	P	13 28 07.0	+0.9
VHRM	Van Horn	46.58	66	P	P	13 28 07.0	+0.1
VHRM	comp=Z,8.4nm,1.3s			I Amb	I Amb	13 28 11.6	
F15K	North Star Dit baza=168	46.65	355	P	P	13 28 07.8	+1.1
G19K	Purcell Mouna baza=178	46.69	359	P	P	13 28 07.2	+0.2
SDCO	Great Sand Dun SDCO	46.78	56	P	P	13 28 08.5	-0.1
SDCO	comp=Z,7.2nm,1.4s			I Amb	I Amb	13 28 22.5	
SDCO	Great Sand Dun baza=261,SNR=6.4	46.78	56	P	P	13 28 08.2	-0.3
J30M	Hart River	46.86	11	P	P	13 28 08.2	-0.3
J30M	Hart River	46.86	11	P	P	13 28 09.1	+0.6
K22A	Casper baza=256	46.97	49	P	P	13 28 09.6	-0.2
I27K	Kandik River	47.01	8	P	P	13 28 09.9	+0.3
N23A	Red Feather La baza=258	47.01	52	P	P	13 28 10.5	+0.3
N23A	Red Feather La baza=258	47.01	52	P	P	13 28 10.0	-0.2
ISCO	Idaho Springs baza=259	47.04	53	P	P	13 28 09.6	-1.0
I28M	Miner Creek	47.08	9	P	P	13 28 09.3	-0.9
I28M	comp=Z,14nm,1.8s			I Amb	I Amb	13 28 40.1	
I28M	Miner Creek baza=200	47.08	9	P	P	13 28 10.7	+0.5
F17K	Baldwin Pennin baza=172	47.13	357	P	P	13 28 10.6	+0.2
H25L	Birch Creek	47.20	5	P	P	13 28 09.5	-1.5
F18K	Selawik baza=174	47.22	358	P	P	13 28 09.6	-1.4
G23K	Bananza Creek	47.37	3	P	P	13 28 12.5	+0.2
G23K	comp=Z,12nm,1.6s			I Amb	I Amb	13 28 15.8	
G23K	Bananza Creek baza=187	47.37	3	P	P	13 28 12.0	-0.4
F19K	Shalerucik Mo baza=177	47.39	359	P	P	13 28 12.5	+0.1
I30M	Mount Dempster	47.44	11	P	P	13 28 11.8	-1.3
I30M	comp=Z,5.4nm,1.1s			I Amb	I Amb	13 28 15.4	
I30M	Mount Dempster baza=204,SNR=5.9	47.44	11	P	P	13 28 13.3	+0.2
G22K	Bettles baza=185	47.52	2	P	P	13 28 14.1	+0.7
FYU	Fort Yukon	47.55	5	P	P	13 28 13.9	+0.3
T25A	Trinidad	47.56	57	P	P	13 28 13.1	-1.5
F20K	Avaraat Lake baza=179	47.58	360	P	P	13 28 14.4	+0.5
H27K	Steamboat Moun baza=198,SNR=8.4	47.62	8	P	P	13 28 14.4	+0.1
G25K	Beaman Lake baza=192	47.67	5	P	P	13 28 15.1	+0.5
TX31	Lajitas Ar. Si	47.71	68	P	P	13 28 15.7	0.0
TXAR	Lajitas Array	47.71	68	P	P	13 28 15.0	-0.7
TXAR	Lajitas Array	47.71	68	P	P	13 28 17.3	+1.6
TXAR	comp=Z,3.6nm,1.0s,baz=259,slow=6.3,SNR=16			LR	LR	13 44 20.6	
F21K	Alatna River baza=182	47.77	1	P	P	13 28 15.4	0.0
F21K	Alatna River baza=182	47.77	1	P	P	13 28 16.7	+1.3
E17K	Hotham Inlet baza=172	47.80	357	P	P	13 28 17.0	+1.4
COLD	Coldfoot baza=186	47.87	3	P	P	13 28 16.6	+0.4
H29M	Whitestone	48.04	9	P	P	13 28 16.9	-0.7
H29M	Whitestone	48.04	9	P	P	13 28 17.6	+0.1
G26K	Porcupine Rive baza=195	48.06	6	P	P	13 28 17.6	-0.1
E18K	Tukpahlearik C baza=173	48.08	357	P	P	13 28 18.8	+1.0
F22K	John River baza=184	48.08	2	P	P	13 28 18.5	+0.6
G27K	Doyon Strip baza=197	48.16	7	P	P	13 28 19.7	+1.2
LAO	LASA Array baza=253	48.26	44	P	P	13 28 19.4	-0.2
F24K	Squaw Lake baza=189	48.28	4	P	P	13 28 18.6	-0.8
H31M	Peel River baza=207	48.33	11	P	P	13 28 19.4	-0.4
EPYK	Eagle Plains baza=204	48.43	10	P	P	13 28 20.2	-0.4
F25K	Christian Rive baza=192	48.52	5	P	P	13 28 22.0	+0.7
MSTX	Muleshoe	48.60	62	P	P	13 28 21.9	-0.6
MSTX	Muleshoe baza=267	48.60	62	P	P	13 28 22.6	+0.1
G29M	Pine Creek	48.73	9	P	P	13 28 23.0	+0.1
G29M	Pine Creek baza=202,SNR=6.2	48.73	9	P	P	13 28 23.7	+0.8
F26K	Sheenjek River baza=194	48.75	6	P	P	13 28 23.3	+0.2
E24K	Your Creek	48.80	3	P	P	13 28 24.7	+1.2
RDOG	Red Dog Mine baza=170	48.83	356	P	P	13 28 23.9	+0.3
E25K	Arctic Village	49.04	5	P	P	13 28 25.9	+0.6
E25K	comp=Z,10nm,1.5s			I Amb	I Amb	13 28 41.5	
E25K	Arctic Village baza=192	49.04	5	P	P	13 28 26.3	+1.0
SAND	Sanderson	49.05	67	P	P	13 28 25.5	-0.4
SAND	comp=Z,12nm,1.4s			I Amb	I Amb	13 28 30.5	
G30M	tAoh Zraii Nji	49.08	10	P	P	13 28 24.7	-0.8
G30M	comp=Z,17nm,1.9s			I Amb	I Amb	13 29 50.0	
G30M	tAoh Zraii Nji baza=204	49.08	10	P	P	13 28 25.0	0.0
RSSD	Black Hills	49.08	48	P	P	13 28 26.1	-0.1
RSSD	comp=Z,7.2nm,1.2s			I Amb	I Amb	13 28 28.9	
RSSD	Black Hills baza=257	49.08	48	P	P	13 28 25.9	-0.3
F28M	Old Crow baza=199	49.14	8	P	P	13 28 26.8	+0.8
C16K	Lisburne Hills	49.22	355	P	P	13 28 27.2	+0.6
D20K	Etiulik River baza=178	49.26	359	P	P	13 28 27.4	+0.5
PETK	Petropavlovsk- comp=Z,9.7nm,20.2s	49.31	324	LR	LR	13 46 31.0	
TOLK	Toolik Lake Re	49.31	3	P	P	13 28 27.9	+0.6
C18K	Utukok River baza=173	49.33	357	P	P	13 28 28.0	+0.6
G31M	Satah River	49.35	11	P	P	13 28 27.5	-0.1
G31M	comp=Z,9.6nm,1.2s			I Amb	I Amb	13 28 29.4	
G31M	Satah River baza=206	49.35	11	P	P	13 28 27.2	-0.4
D22K	Aiyikav River	49.45	1	P	P	13 28 29.2	+0.8
E27K	Coleen River	49.48	7	P	P	13 28 28.3	-0.4
E27K	comp=Z,10nm,1.6s			I Amb	I Amb	13 29 18.9	
E27K	Coleen River baza=175	49.48	7	P	P	13 28 29.1	+0.4
AMTX	Amarillo baza=266	49.55	60	P	P	13 28 29.7	-0.1
D23K	Nanushuk River	49.59	2	P	P	13 28 29.5	+0.1
C21K	Knifeblade Rid baza=181	49.70	0	P	P	13 28 30.5	+0.3
C19K	Lookout Ridge baza=195	49.72	358	P	P	13 28 30.9	+0.5
F30M	Barrier River	49.72	10	P	P	13 28 30.8	+0.3
D24K	Happy Valley baza=188	49.86	3	P	P	13 28 31.5	+0.1
OZNA	Ozma baza=191	49.90	66	P	P	13 28 32.9	+0.4
F31M	Tsightehchic baza=207	49.91	11	P	P	13 28 31.7	-0.1
F31M	comp=Z,13nm,1.4s			I Amb	I Amb	13 28 33.9	
F31M	Tsightehchic baza=207	49.91	11	P	P	13 28 32.4	+0.6
OGNE	Ogallala	49.93	52	P	P	13 28 32.1	-0.5
B18K	Kokolik River baza=172	50.07	357	P	P	13 28 33.3	+0.3
DKNS	Dickens	50.12	62	P	P	13 28 34.0	0.0
E28M	Babbage River	50.12	7	P	P	13 28 33.3	-0.2
E28M	comp=Z,15nm,1.8s			I Amb	I Amb	13 29 54.0	
E28M	Babbage River baza=200	50.12	7	P	P	13 28 34.0	+0.5
E29M	Blow River	50.13	8	P	P	13 28 33.1	-0.4
E29M	comp=Z,17nm,1.8s			I Amb	I Amb	13 30 07.6	
E29M	Blow River baza=202	50.13	8	P	P	13 28 33.5	0.0
B21K	Ikpikpuk River baza=181	50.17	0	P	P	13 28 34.7	+1.0
D25K	Kovik River baza=191	50.17	4	P	P	13 28 34.2	+0.3
C24K	Franklin Bluff	50.43	3	P	P	13 28 35.8	+0.1
C23K	Kilikik River baza=188	50.46	2	P	P	13 28 36.8	+0.8
C23K	Kilikik River baza=186	50.46	2	P	P	13 28 36.6	+0.6
D27M	Malcolm River baza=198	50.57	7	P	P	13 28 37.0	+0.2
B20K	Meade River baza=194	50.57	359	P	P	13 28 37.6	+0.9
C27K	Jago River	50.67	5	P	P	13 28 38.4	+0.8
INK	Inuvik baza=194	50.72	10	P	P	13 28 37.4	-0.6
INK	comp=Z,9.1nm,1.2s			I Amb	I Amb	13 28 39.5	
INK	Inuvik baza=207,SNR=8.1	50.72	10	P	P	13 28 38.4	+0.5
INK	comp=Z,5.77nm,18.5s			LR	LR	13 48 26.6	
C26K	Camden Bay baza=193	50.86	5	P	P	13 28 40.3	+1.3
B22K	Teshkepuk Lake baza=201	50.90	1	P	P	13 28 39.9	+0.6
ABTX	Abilene, Hawle	51.17	63	P	P	13 28 40.8	-1.2
YKA	Yellowknife Ar baza=200	51.29	23	P	P	13 28 42.4	+0.1
YKA	comp=Z,2.4nm,1.2s,baz=232,slow=7.0,SNR=4.6			P	P	13 47 32.7	
YKA	comp=Z,3.89nm,20.1s,baz=233,slow=33			LR	LR	13 47 32.7	
CBKS	Cedar Bluff baza=206	51.42	55	P	P	13 28 43.2	-0.6
833A	Chaparral WMA, baza=273	51.48	69	P	P	13 28 43.1	-1.3
A22K	Sinclair Lake baza=180	51.55	0	P	P	13 28 44.3	+0.2
A21K	Barrow baza=178	51.88	359	P	P	13 28 46.9	+0.3
WMOK	Wichita Mouna baza=268	51.93	61	P	P	13 28 46.0	-1.6
MNDN	Mudrook baza=258	52.92	44	P	P	13 28 55.2	+0.5
435B	Jarrell baza=272	52.95	66	P	P	13 28 53.9	-1.4
WHTX	Lake Whitney, baza=218	53.03	64	P	P	13 28 54.9	-0.9
RAO	Raoul Island	53.12	205	LR	LR	13 47 16.3	
C36M	Paulatuk baza=218	53.43	13	P	P	13 28 56.8	-1.3
ECSD	EROS Data Cent baza=263	54.29	50	P	P	13 29 03.6	-1.4
A36M	Sachs Harbour baza=206	55.34	11	P	P	13 29 11.8	-0.1
A36M	comp=Z,10nm,1.3s			I Amb	I Amb	13 29 15.3	
A36M	Sachs Harbour baza=215	55.34	11	P	P	13 29 11.2	-0.7
MA2	Magadan comp=Z,14nm,21.9s,baz=118,slow=32	55.42	330	LR	LR	13 48 41.5	
AGMN	Agassiz Nation baza=260	55.47	44	P	P	13 29 13.3	0.0
DZM	Mont Dzumac comp=Z,6nm,25.1s	55.70	224	eP	eP	13 29 13.9	-1.5
DZM	Mont Dzumac comp=Z,3.2nm,22.8s	55.70	224	ePP	ePP	13 31 19.2	-0.6
DZM	comp=Z,2.94nm,24.2s			eS	eS	13 36 57.7	-3.1
DZM	comp=Z,2.00nm,25.9s			eSS	eSS	13 40 47.6	-0.9
DZM	comp=Z,6.89nm,31.6s			eLR	eLR	13 45 27.7	
ULM	Lac du Bonnet comp=Z,2.5nm,0.8s,baz=260,slow=10,						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NWA0 Narrogin (SRO), PLCA Paso Flores, NOA NORSA Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STCH comp=N,700nm,3.1s, JUJZ comp=E,2um,0.9s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB15 IPOC Station P, G006 Curarehue, G006 IPOC Station P, etc.

IDC 14 13:21:56.9.1.9, 307.49N.57.40E, h0km, mb3.57, mbtmp3.5/8, ML2.6/1, Error ellipse: s-maj=40.1km s-min=23.5km az=145.0

VAO 14 13:25:30.1.1.3, 36.11S.74.21W, h10km, mb4.6 SJA 14 13:26:45.9.0.8, 31.30S.68.62W, h115km, mb4.4, MW4.4

TEH 14 13:21:59.3.0.75N.57.34E, h11km, mb3.0, ML3.7 ISC 14 13:22:00.3.1.4, 307.70N.05.57.30E, 0.05, h13km, 10km, n19, e085/19, mb3.57, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRMN Kermand Provinc, ZRDN Zardand Kermand, KHGM Koh Gabri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTLL Cerro Villucun, SJA San Juan, SJA SJA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LLO1 San Ignacio de, PB11 IPOC Station P, R005 Rosario do Sul, etc.

HVO 14 13:23:06.6.0.9, 19.428N.0.010.155.275W.0.006, h-0km, 2km, ML3.8/8, ML2.8/20(NEIC), Error ellipse: s-maj=1.4km s-min=0.8km az=192.0

NEIC 14 13:23:07.1.1.1, 19.415N.0.007.155.275W.0.009, h5km, 1km, Error ellipse: s-maj=1.8km s-min=1.4km az=192.0, Hawaiian Islands

NEIC 14 13:25:49.0.7.7, 19.433N.0.011.155.273W.0.006, h0km, 2km, ML2.9/10, ML2.4/39(NEIC), Error ellipse: s-maj=1.6km s-min=0.7km az=194.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OBL Observatory Le, UWB Uwekahuna B, SBLHI Steaming Bluff, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACHE Chepes, AAGR Agrelo, CO01 Juntas del Tor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like 833A Chaparral WMA, HDBO Hondo, VVDA Vanda, etc.

NEIC 14 13:25:49.0.7.7, 19.433N.0.011.155.273W.0.006, h0km, 2km, ML2.9/10, ML2.4/39(NEIC), Error ellipse: s-maj=1.6km s-min=0.7km az=194.0, Hawaiian Islands

NEIC 14 13:25:49.0.7.7, 19.433N.0.011.155.273W.0.006, h0km, 2km, ML2.9/10, ML2.4/39(NEIC), Error ellipse: s-maj=1.6km s-min=0.7km az=194.0, Hawaiian Islands

NEIC 14 13:25:49.0.7.7, 19.433N.0.011.155.273W.0.006, h0km, 2km, ML2.9/10, ML2.4/39(NEIC), Error ellipse: s-maj=1.6km s-min=0.7km az=194.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SBLHI Steaming Bluff, UWB Uwekahuna B, HATHI Halema'uma'u T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MT03 Universidad Ad, MT03 Universidad Ad, MT03 Universidad Ad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like P40A Paris, P38A Dawn, ANMO Albuquerque, etc.

14L 14h

Table with columns: ILAR, Eielson Array, 74.06 16 P, 13 39 46.7 -0.6, etc.

IDC 14 13:40:03.8-0.6, 44.97N; 101.41E, h0km, mb3.7/17, mbtm3.8/21, ML2.9/3, MS4.2/1, Error ellipse: s-maj=15.5km s-min=12.0km az=21.0

Main table for 14L 14h section, listing various stations like SONM, MKAR, ZALV, etc.

NEIC 14 13:41:20.2-1.1, 20.50N; 0.07-122.1E:0.1, h137km, 8km, mb4.3/26, Error ellipse: s-maj=14.6km s-min=10.0km az=87.0

IDC 14 13:41:21.9-2.3, 20.48N; 122.22E, h163km, 24km, mb3.5/14, mbtm4.1/18, Error ellipse: s-maj=16.7km s-min=11.4km az=79.0

JMA 14 13:41:21.7-0.6, 21.1N; 122.22E, h100km, MV4.0/14, PHILIPPINE ISL REGION

IDC 14 13:41:20.7-0.5, 20.52N; 0.06-122.08E:0.08, h150km, n71, s-maj=10.6km, mb4.1/27, PHILIPPINE ISLANDS region

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

2018 JUN

Main table for 2018 JUN section, listing stations like KLR, SONM, SOEI, etc.

IDC 14 13:43:27.5-3.7, 24.20N; 123.02E, h0km, mb3.7/2, mbtm3.6/4, ML3.2/2, Error ellipse: s-maj=103.1km s-min=31.7km az=111.0

JMA 14 13:43:37.0-0.2, 25.11N; 123.1E:0.7, h121km, 2km, MV3.3/15, NW OFF ISHIGAKIJIMA IS

IDC 14 13:43:36.4-1.2, 25.0N; 0.1x123.05E:0.08, h123km, 9km, n14, s-maj=13.7km, mb3.7/9, Southwestern Ryukyu Islands

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

Table with columns: DBIC, GRACIOSA ISLAN, BRTR, etc.

NEIC 14 14:07:08.2-0.7, 19.30N; 0.02-155.13W:0.01, h2km, 10km, Error ellipse: s-maj=2.9km s-min=1.2km az=163.0

HVO 14 14:07:08.2-0.7, 19.34N; 0.01-155.134W:0.008, h2km, 6km, ML2.6/36, ML2.7/44(NEIC), Error ellipse: s-maj=1.6km s-min=1.0km az=178.0, Hawaiian Islands

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

NOU 14 14:14:22.4, 22.46S; 178.34W, h553km, mb4.0/10, South of Fiji Islands

IDC 14 14:14:38.2-2.4, 23.43S; 179.97W, h577km, 26km, mb3.2/8, mbtm4.2/9, Error ellipse: s-maj=16.8km s-min=13.3km az=7.0

IDC 14 14:14:36.1-0.6, 23.64S; 0.09-179.9W:0.1, h550km, n40, s-maj=14.0km, mb3.7/9, South of Fiji Islands

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

MORS Morshin 148.40 330 PKP PKPdf 14 33 17.3 +0.9
TORDD Torodi Ar. Bea 166.48 169 PKP PKPdf 14 33 40.2 -1.2
TORDD 0.3nm,0.8s,baz=117,slow=0.6,SNR=2.0
TORDD 0.4nm,0.6s,baz=155,slow=3.6,SNR=3.0

IDC 14 14:22:40.4+1.9, 14:06S:166.93E, h0km, mb3.4/3,
mbmp3.7/4, ML4.5/1, Error ellipse: s-maj=54.5km
s-min=32.9km az=125.0
NOU 14 14:23:00.7, 15:63S:167.26E, h0km, mb3.6/12, Vanuatu
Islands

ISC 14 14:22:47.3+0.3, 14:55S:02x166.9E:0.3, h35km, n13,
r186/11, mb3.3/3, Vanuatu Islands

Code Station Name Az Phase ID Time Res
DVP Devils Point 3.47 160 P Pn 14 23 40.2 +1.4
LIFNC LIFOU 6.30 177 P Pn 14 24 17.7 0.0
KOUNC Koumac, New Ca 6.58 202 P Pn 14 24 26.2 +4.7
MARNC Mare, Loyalty 7.07 172 P Pn 14 24 27.1 -1.2
YATNC Mamié plateau, 7.57 180 P Pn 14 24 35.3 +0.1
DZM Mont Dzumac 7.60 183 Pn Pn 14 24 37.8 +2.2
DZM 6.2nm,0.3s,baz=96,slow=13,SNR=98
DZM 1.3nm,0.3s,baz=84,slow=20,SNR=2.1

IDC 14 14:58:10.4+1.9, 8:65S:124.70E, h0km, mb3.6/1,
mbmp3.4/3, ML3.4/2, MS3.3/2, Error ellipse: s-maj=48.2km
s-min=28.7km az=80.0
DJA 14 14:58:21.1+0.9, 9°S:3°12'4E, h17km, m11km, M3/2/6,
MLV3.2/6

ISC 14 14:58:12.4+1.3, 8:73S:008:124.52E:0.09, h20km, n10,
r331/13, Timor region

Code Station Name Az Phase ID Time Res
SOEI Soe 1.05 194 P Pn 14 58 36.0 +3.9
BATI Baumata 1.70 210 P Pn 14 58 43.8 +0.9
BATI 62nm,0.3s,baz=84,slow=2.6,SNR=15
BATI Baumata 1.70 210 P Sn 14 59 02.2 +0.1
BATI 0.3s,0.3s,baz=84,slow=2.6,SNR=15
MMRI Maumere 2.26 272 P Pn 14 58 51.2 -1.3
MMRI 14 59 14.3 -1.5
EDFI Ende, Flores 2.80 269 P Sn 14 58 57.9 +1.7
WRA Warramunga Arr 14.65 141 Pn 14 58 57.9 +1.7
WRA 0.2nm,0.3s,baz=313,slow=14,SNR=15
WRA 0.2nm,0.3s,baz=314,slow=25,SNR=8.0
ASAR Alice Springs 17.36 150 P Pn 15 02 13.8 +0.1
ASAR 0.1nm,0.3s,baz=324,slow=12,SNR=6.8
ASAR 0.5nm,0.7s,baz=311,slow=21,SNR=4.3

TRN 14 14:58:36.4, 10:72N:62:61W, h100km, MD3.6, Paria
peninsula.
FUNV 14 14:58:37.0, 10:57N:62:58W, h83km, MW3.7
ISC 14 14:58:39.1+3.1, 10:61N:005:62.61W:0.04,
h115km, 10km, n21, r195/36, 1C-1D, Near coast of
Venezuela

Code Station Name Az Phase ID Time Res
CRUV Carupano 0.62 276 P Pn 14 58 53.3 +1.2
CRUV 14 59 01.8 -4.0
CRUV Carupano 0.62 276 P Pn 14 58 53.3 +1.2
CRUV 14 59 05.2 -0.3
TRP Pointe-a-Pierr 1.17 104 P Pn 14 58 59.8 +2.5
TRN Trinidad (W) 1.19 88 P Pn 14 58 59.8 +1.5
TBH Brigand Hill 1.52 95 P Pn 14 59 04.3 +3.1
GRFF Grenada Fort F 1.67 31 P Pn 14 59 03.5 +0.4
GRFF 14 59 03.2 +1.8
GRGR Grenville 1.78 32 P Pn 14 59 05.5 +1.0
GRGR 14 59 26.5 -1.1
GRW Mount Saint Ca 1.80 31 P Pn 14 59 04.8 +0.1
GRW 14 59 27.2 -1.0
GRSS Sauteurs 1.86 30 P Pn 14 59 27.7 -1.8
GRSS Sisters 1.94 30 P Pn 14 59 08.0 +1.6
PCRV Puerto La Cruz 2.04 258 P Pn 14 59 08.9 +1.2
PCRV 14 59 31.9 -1.6
PCRV Puerto La Cruz 2.04 258 P Pn 14 59 10.5 +2.8
PCRV 14 59 45.2 +0.9
GCMP Grenada, Carri 2.19 32 P Pn 14 59 10.4 +0.8
GCMP 14 59 35.7 -1.3
MERV Las Mercedes 3.88 250 P Pn 14 59 33.5 +1.7
MERV 15 00 15.3 -1.3
TACV Tcata 4.37 264 P Pn 14 59 40.1 +1.7
LUEV Luepa 4.87 166 P Pn 14 59 46.2 +0.9
LUEV 15 00 36.2 -4.5
CACV CAICARA DEL OR 4.92 232 P Pn 14 59 42.4 -3.4
CACV 15 00 29.4 -1.2
BENV Bein 4.95 263 P Pn 14 59 48.3 +2.0
BENV 15 00 40.5 -2.1
TURV Turiamo 5.15 269 P Pn 14 59 50.2 +1.4
BAUV El Baul 5.61 253 P Pn 14 59 56.3 +1.3
BAUV 15 00 55.8 -2.5
BAUV El Baul 5.61 253 P Pn 14 59 57.0 +1.9
BAUV 15 00 57.5 -0.8

REY 14 15:04:50.4, 64:67N:17:47W, h3km
MOS 14 15:04:51.6+1.2, 64:54N:17:75W, h10km, mb4.8/47, Error
ellipse: s-maj=8.9km s-min=6.1km az=109.9
IDC 14 15:04:52.1+0.5, 64:54N:17:57W, h0km, mb4.2/23,
mbmp4.2/29, ML3.1/5, MS3.9/76, Error ellipse:
s-maj=16.0km s-min=10.0km az=18.0
NEIC 14 15:04:52.9, 1.5, 64:70N:0:08:17:6W:0.1, h10km, 1km,
mb4.7/204, Error ellipse: s-maj=13.3km s-min=9.9km
az=13.0

NAO 14 15:04:53.6, 64:55N:17:74W, h0km, mb3.9
GCMT 14 15:04:54.9, 0.2, 64:56N:0:03:17:07W:0.06, h12km,
MW4.8/106, Moment Tensor Solution. s21, c23;
s106,c143: Duration: 0 Moment tensor: Scale 10^16Nm;
M0=1.90e-05; M0=1.10e-05; M0=0.79e-05; M0=0.21e-26;
M0=0.34e-04; M0=1.63e-27; Best double couple:
M2: 17400x10^16 NP2: 132.000000, s68.000000,
lambda.000000. NP2: 132.000000, s26.000000, lambda.000000.
Principal axes: T: 2.6970, Plg64.0000, Azm282.0000;
N: -1.0380, Plg14.0000, Azm161.0000; P: -1.6520,
Plg22.0000, Azm66.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
Triangular moment function

DNK 14 15:04:58.0, 5.4, 64:61N:17:38W, h34km, 169km, ML3.9
BGR 14 15:05:02.5, 63:87N:17:21W, h33km, mb4.6, Ms3.7
ISC 14 15:05:04.5, 64:68N:0:02:17.54W:0.02, h1km, 3km,
n827, r1567/754, mb4.7/200, MS3.9/89, 21C-11D, Iceland

Code Station Name Az Phase ID Time Res
Code Station Name Az Phase ID Time Res

IKIS Kista 0.01 242 P Pg 15 04 51.5 -0.9
IKIS baz=277
IKIS S Sg 15 04 52.5 -0.3
IVON Voronskard 0.09 266 P Pg 15 04 53.1 -0.6
IDJK Dyngjujokull 0.22 143 P Pg 15 04 54.5 -1.6
IDJK baz=149
IDJK S Sg 15 04 57.7 -1.3
IURH Urdarfars 0.22 50 P P 15 04 54.9 -1.3
IURH baz=42
IURH S Sg 15 04 58.2 -0.7
IGRF Grimsfjall 0.30 157 P Pg 15 04 56.1 -1.5
IHUS Husbondi 0.39 188 P Pg 15 04 58.0 -1.3
IHUS baz=192
IHUS S Sg 15 05 03.5 -0.9
THOR Thorvaldshraun 0.45 55 P Pg 15 05 06.6 -1.9
THOR baz=52
THOR S Sg 15 05 05.0 -1.3
IJOK Jokulheimar 0.47 219 P Pg 15 04 59.5 -1.4
IJOK baz=223
IJOK S Sg 15 05 06.7 -0.3
IKRE Krepuphraun 0.51 78 P Pg 15 05 09.3 -2.3
IKRE baz=76
IKRE S Sg 15 05 06.2 -1.9
IASK Askja 0.53 45 P Pg 15 04 60.0 -2.1
IASK baz=42
IMKO Mokollar 0.59 59 P Pg 15 05 01.0 -2.3
IMKO baz=57
IMKO S Sg 15 05 08.9 -2.1
IIIEY Innreyrar 0.64 204 P Pg 15 05 02.1 -2.0
IIIEY baz=207
IIIEY S Sg 15 05 11.4 -1.0
ISVA Svartakot 0.67 10 P Pg 15 05 02.7 -2.1
ISVA baz=7.7
ISVA S Sg 15 05 12.3 -1.1
IKSK Karkar 0.70 138 P Pg 15 05 02.0 -3.2
IKSK baz=139
IKSK S Sg 15 05 12.0 -2.2
IKAL Kalafell 0.74 185 P Pg 15 05 03.5 -2.4
IVSH V-Sauaahnukur 0.79 80 P Pg 15 05 03.9 -3.0
IVSH baz=79
IVSH S Sg 15 05 14.5 -2.6
IFAL Falljokull 0.79 156 P Pg 15 05 04.0 -2.9
IFAL baz=158
IFAL S Sg 15 05 04.8 -3.3
IKVI Kvisker 0.85 145 P Pg 15 05 04.8 -3.3
IFAG Fagurhlomyri 0.90 154 P Pg 15 05 06.0 -3.0
IFAG baz=156
IADA Aoalbi 0.91 67 P Pg 15 05 05.8 -3.4
IADA baz=66
IADA S Sg 15 05 17.9 -3.0
ISTE Steilbattur 0.91 282 P Pg 15 05 06.9 -2.4
ISTE baz=282
IMEL Melhnausar 0.97 22 P Pg 15 05 07.4 -3.0
IMEL baz=20
ISNB Snabylti 1.06 207 P Pg 15 05 09.3 -2.9
ISNB baz=209
IKVO Krotuvottun 1.07 15 P Pg 15 05 09.2 -3.2
IKVO baz=13
ILOD Lodnugljahaus 1.01 211 P Pg 15 05 10.2 -2.6
ISLY Slysasala 1.10 219 P Pg 15 05 10.1 -2.8
IGRS Grimstaioir 1.13 31 P Pn 15 05 10.2 -4.1
IRJU Rjufnafell 1.18 205 P Pn 15 05 11.3 -3.6
IAUS Austmannsbunga 1.22 214 P Pn 15 05 12.4 -3.3
IGHA Grjothals 1.23 17 P Pn 15 05 11.6 -4.5
IGRA Granastaioir 1.24 359 P Pn 15 05 12.2 -4.1
BORG Borgarnes 1.63 274 P Sn 15 05 18.2 -3.4
BORG 15 05 41.7 -1.5
BORG 195nm,0.3s,baz=97,slow=7.3,SNR=219
BORG 1.63 274 P Pn 15 05 18.8 -2.8
BORG 56nm,0.3s,baz=209,slow=19,SNR=7.6
BORG comp=Z,2um,19.6s,baz=148,slow=39
BORG Borgarnes 1.63 274 P Pn 15 05 18.2 -3.4
BORG 15 05 41.7
SCO Scoresbysund 6.07 346 Pn Pn 15 06 20.9 -1.7
SCO 15 07 22.4 -3.1
SCO Scoresbysund 6.07 346 Pn Pn 15 06 23.3 +0.8
SCO 15 07 36.0 +3.6
SCO 15 07 44.4
SCO comp=Z,69nm,0.8s
SOEG Soedalen 6.57 309 P Pn 15 06 33.1 +3.7
JMEC Jan Myr 7.19 24 LR LR 15 08 46.7
ICESG Greenland Ice 9.72 307 P Pn 15 07 17.3 +4.4
DUBG Daneborg 9.72 356 P Pn 15 07 19.1 +6.5
SUMG Summit 10.92 325 P Pn 15 07 29.8 +0.4
SUMG Summit 10.92 325 P Pn 15 07 29.8 +0.4
SUMG Summit 10.92 325 P Pn 15 07 32.1 +2.8
EKA Eskdalemuir 11.77 136 Pn Pn 15 07 39.7 -0.9
EKA Eskdalemuir 11.78 136 Pn Pn 15 07 39.7 -1.1
EKA Eskdalemuir 11.78 136 Pn Pn 15 07 40.2 -0.6
ESK Eskdalemuir 11.78 136 Pn Pn 15 07 49.3 +3.4
DNK204 NORSAR Array S 13.25 92 Pn Pn 15 08 00.1 -0.7
NB000 NORSAR Array S 13.37 93 Pn Pn 15 08 01.7 -0.7
NB303 NORSAR Array S 13.52 91 Pn Pn 15 08 04.6 -0.1
NB2 NORSAR Subarray 13.55 92 Pn Pn 15 08 04.0 -1.0
NOA NORSAR Array B 13.55 92 Pn Pn 15 08 04.1 -0.8
NOA baz=298,slow=13,SNR=4.3
NOA comp=Z,292nm,21.0s,baz=295,slow=36
NOA comp=Z,0.9nm,0.7s
KONO Kongsberg 13.57 99 P Pn 15 08 07.3 +2.1
NB201 NORSAR Array S 13.58 92 Pn Pn 15 08 06.2 +0.9
IVI Ivigtut 14.28 270 P Pn Pn 15 08 17.5 +2.7
NUUG Nuugaatsiaq 14.74 313 P Pn 15 08 29.5 +2.1
HFS Havgfors 15.06 93 Pn Pn 15 08 25.1 -0.4
HFS comp=Z,0.1nm,0.3s,baz=313,slow=16,SNR=1.9
HFS comp=Z,409nm,20.1s,baz=288,slow=36
NEEM North Greenland 16.29 335 P P 15 08 47.1 +1.1
KBS Kingsbay 16.63 19 P P 15 08 48.5 +0.2
KBS comp=Z,20nm,1.1s
KBS Kingsbay 16.63 19 P P 15 08 49.1 +0.8
SPB2 Spitsbergen Ar 16.86 23 P P 15 08 50.5 -0.4
SPITS Spitsbergen Ar 16.86 23 Pn Pn 15 08 51.8 +0.9
SPITS baz=238,slow=14
SPITS comp=Z,562nm,21.1s,baz=210,slow=31
SPITS comp=Z,5.7nm,1.0s
NOR Nord 17.02 0 P P 15 08 52.5 -0.1
ARCES ARCESS Array B 17.12 55 P P 15 08 53.5 -0.3
ARCES ARCESS Array B 17.12 55 P P 15 08 54.6 +0.7
ARCES comp=Z,0.1nm,0.3s,baz=265,slow=9.9,SNR=6.2
ARCES comp=Z,516nm,21.6s,baz=268,slow=32
ARCES comp=Z,1.8nm,2.6s
VAF Vlistaro 17.58 77 P P 15 08 59.4 +0.4
KEV Kevo 17.63 54 P Pn 15 08 59.1 +0.8
KEV Kevo 17.63 54 P Pn 15 08 59.1 +0.8
KEV comp=Z,38nm,1.5s
BRMD Maresduos 18.58 130 P P 15 09 11.0 +0.8
BGES Gesves 18.62 130 P P 15 09 10.9 +0.4
BGES comp=Z,10nm,1.2s
BCLA Clavier 18.66 129 P P 15 09 10.5 -0.3
DOU Dourbes 18.70 131 P Pn 15 09 12.3 +0.7
MEM Membach 18.73 128 P Pn 15 09 13.5 +1.5

BTNL Ternell 18.80 127 P Pn 15 09 12.5 +0.1
RCHB Rochefort 18.86 130 P Pn 15 09 13.5 0.0
BHOU Houaveg 18.95 128 P Pn 15 09 13.4 -0.7
MEF Metsahovi 19.61 94 P Pn 15 09 22.5 0.0
FIAT FINESS Array S 19.72 79 P Pn 15 09 21.9 -0.4
FIAT comp=Z,15nm,1.2s
FIAT comp=Z,57nm,1.3s
FINES FINESS Array B 19.72 79 P Pn 15 09 21.8 -0.6
FINES FINESS Array B 19.72 79 P Pn 15 09 23.8 0.0
FINES comp=Z,0.2nm,0.3s,baz=308,slow=9.4,SNR=8.7
FINES LR LR 15 16 42.7
CLF Chambon-Foret 19.82 138 P P 15 09 23.3 -0.3
MTSE Matsula 20.18 88 P Pn 15 09 28.1 +0.7
APA Apatity 20.34 59 P Pn 15 09 30.6 -0.4
APA 15 09 56.6
APA 15 13 10.0 -7.3
LVZ Lovozero 20.70 58 P Pn 15 09 35.5 +0.1
LVZ comp=Z,75nm,2.3s
CLL Colim 20.73 116 P P 15 09 32.5 -0.9
CLL comp=Z,35nm,1.3s
CLL 20.73 116 P P 15 09 33.3 -0.1
CLL comp=Z,53nm,1.7s
CLL i x x 15 09 43.2
CLL ex x 15 11 25.0
CLL eSSS SSS 15 13 27.0 +1.8
CLL AMS AMS 15 14 00.0
CLL comp=Z,300nm,18.2s
CLL Colim 20.73 116 P P 15 09 33.5 +0.1
CLL comp=Z,20nm,1.4s
CLL Colim 20.73 116 P P 15 09 33.3 -0.1
CLL 20.73 116 P P 15 13 27.0 +1.8
CLL comp=Z,53nm,1.7s
CLL MLR MLR 15 05 02.7 -2.1
CLL comp=Z,300nm,18.2s
GCK Gorka Klasztor 20.94 107 Pn Pn 15 09 38.8 +0.7
ECP Echery 21.18 129 P P 15 09 37.6 -0.6
ECH Echery 21.18 129 P P 15 09 37.7 -0.6
ECH pmax pmax
GRF Joensuu 21.22 72 P P 15 09 40.0 +1.4
GRA1 Grafenberg Arr 21.35 121 P P 15 09 39.6 -0.6
GRF 21.35 121 P P 15 09 39.6 -0.6
GRF comp=Z,91nm,1.5s
GRF Grafenberg Arr 21.35 121 P P 15 09 40.8 +0.6
GRF comp=Z,52nm,1.5s,baz=322,slow=11
GRF eL L 15 19 18.5
GRFO Grafenberg 21.36 121 P P 15 09 38.2 -2.0
GRFO I Amb I Amb 15 09 59.7
GRFO Grafenberg 21.36 121 P P 15 09 38.2 -2.0
GRFO pmax pmax
STU Stuttgart 21.39 125 P P 15 09 41.1 +0.5
STU I Amb I Amb 15 09 53.5
STU Stuttgart 21.39 125 P P 15 09 41.1 +0.5
STU pmax pmax
BRG Berggiesshuel 21.43 115 P P 15 09 41.2 +0.2
BRG Amp Amp 15 09 43.8
BRG comp=Z,18nm,0.9s
BRG Berggiesshuel 21.43 115 P P 15 09 52.2 +1.1
BRG Amp Amp 15 09 53.2
BRG comp=E,0.2nm,16.9s
BRG Amp Amp 15 18 41.0
BRG comp=N,0.4nm,22.6s
BRG Amp Amp 15 18 45.0
BRG comp=Z,0.4nm,18.3s
BRG Amp Amp 15 19 06.0
BRG comp=Z,0.1nm,16.1s
BRG Berggiesshuel 21.43 115 P P 15 09 41.2 +0.2
BRG S Sn 15 13 46.0 -0.8
BRG pmax pmax
BRG comp=Z,18nm,0.9s
BRG pmax pmax
BRG comp=Z,35nm,1.3s
BRG MLR MLR
BRG comp=N,403nm,22.6s
BRG MLR MLR
HSKC Hora Vazet 21.45 116 P P 15 09 42.8 +1.6
HSKC eS S 15 13 36.3 -3.3
BFO Black Forest 21.47 127 P P 15 09 41.0 -0.5
BFO I Amb I Amb 15 09 50.4
BFO Black Forest 21.47 127 P P 15 09 41.0 -0.5
BFO pmax pmax
VSV Vasula 21.58 86 P P 15 09 44.2 +1.7
VSV pmax pmax
FRB Froisher Bay 21.73 291 LR LR 15 17 32.3
VALR Valaam 21.78 76 P P 15 09 46.5 +1.9
VALR pmax pmax
PABE Paberze 22.23 95 P P 15 09 49.1 -0.3
PABE Paberze 22.23 95 P P 15 09 50.9 +1.5
PRA Prague 22.26 96 P P 15 14 00.0 +4.6
PRA AMS AMS 15 19 10.0
PRU Pruhonice 22.73 116 P P 15 09 51.4 +0.3
PRU eS S 15 19 59.8 +2.4
PRU comp=Z,400nm,15.7s
PRU Pruhonice 22.73 116 P P 15 09 51.4 +0.3
PRU MLR MLR
PUL Pulkovo 22.78 80 P P 15 09 52.8 +1.8
PUL comp=Z,38nm,0.7s
GOPC GO Pecny, Ondr 22.52 114 P P 15 14 02.7 +2.3
UPC Udice 22.54 113 P P 15 09 56.2 +3.4
UPC AMS AMS 15 18 50.0
UPC comp=Z,500nm,18.1s
UPC Udice 22.54 113 P P 15 09 56.2 +3.4
UPC MLR MLR
OSTC Ostas 22.58 113 P P 15 14 03.0 +1.7
KHC Kasperske Hory 22.70 118 P P 15 09 53.1 +1.5
KHC Kasperske Hory 22.70 118 P P 15 09 54.6 0.0
KHC AMS AMS 15 14 06.5 +2.9
KHC AMS AMS 15 18 30.0
KHC comp=Z,300nm,17.3s
KHC Kasperske Hory 22.70 118 P P 15 09 54.6 0.0
KHC Kasperske Hory 22.70 118 P P 15 09 55.2 +0.6
KHC pmax pmax
DPC Dobruska-Polom 22.78 113 P P 15 09 55.5 0.0
DPC eS S 15 14 04.9 -0.2
DPC AMS AMS 15 18 40.0
DPC comp=Z,300nm,15.5s
DPC Dobruska-Polom 22.78 113 P P 15 09 55.5 -0.5
DPC Dobruska-Polom 22.78 113 P P 15 09 55.5 0.0
DPC eS S 15 14 04.9 -0.2
DPC MLR MLR
DPC comp=Z,300nm,15.5s
SEVA Lac Senin/Sane 22.85 131 P P 15 09 55.6 -0.8
DANU Danuels 22.90 126 P P 15 09 57.7 +2.8
SUW Suwalki 22.90 98 P P 15 09 58.2 +1.6
SUW Suwalki 22.90 98 P P 15 09 57.4 +0.7
SUW 22.90 98 P P 15 09 57.4 +0.7
SUW pmax pmax
SSB Saint Sauveur 22.97 137 P P 15 09 57.9 +0.4
SSB I Amb I Amb 15 10 10.2

14d 15h

2018 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSB, GERES, RETA, KRLC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STHS, Stebnicka Huta, KLMR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, ARU, ARTI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Nakatsue, Brasilia, Chiang Mai Arr, Atahualpa, etc.

IDC 14 15:11:41.0, 1.0, 29.87N, 84.25E, h0km, mb3.4/8, mbtm3.4/10, ML3.6/2, MS3.5/1, Error ellipse: s-maj=5.4km s-min=2.0km az=50.0

ISC 14 15:11:46.1, 0.9, 30.00N, 02.844E, 0.2, h35km, n11, s135/10, mb3.3/3, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Makanchi Array, Chiang Mai Arr, Kurub, Sonmi, BVAR, BRTR, DAV, NOA, WRA, ASAR, TORD.

IDC 14 15:13:45.3, 5.9, 20.35S, 178.31W, h0km, mb3.5/2, mbtm3.5/2, Error ellipse: s-maj=288.5km s-min=62.5km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Alice Springs, Warramunga Arr, Malin Array, BRTR.

NEIC 14 15:15:02.5, 1.5, 19.93S, 0.04N, 71.12W, 0.08, h17km, 7km, mb4.3/5, ML4.2(GUC), Error ellipse: s-maj=10.5km s-min=5.4km az=92.0

SJA 14 15:15:02.3, 0.7, 19.95S, 71.16W, h42km, 352km, ML4.3, MW4.3

VAO 14 15:15:04.3, 1.1, 20.01S, 71.19W, h10km, mb4.1, GUC 14 15:15:04.7, 0.9, 19.98S, 71.08W, h24km, 90km, ML4.2

IDC 14 15:15:13.7, 3.9, 19.98S, 70.37W, h78km, 25km, mb3.6/5, mbtm3.9/8, MS3.1/1, Error ellipse: s-maj=45.8km s-min=14.8km az=96.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Huaiquique, Diego Arcarena, Humberstone, HMCB, PATCX, etc.

ISC 14 15:14:59.8, 1.6, 19.94S, 0.03N, 71.19W, 0.05, h5km, 9km, n97, s173/106, mb4.2/6, 4C, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Punta Patache, IPOC Station P, Chacalluta, AP01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Chusmiza, IPOC Station P, IPOC Station P, IPOC Station P, etc.

IDC 14 15:15:22.2, 0.7, 39.94N, 143.61E, h14km, 1km, MW4.5, AFAD 14 15:42:21.0, 1.0, 38.94N, 43.61E, h9km, 16km, ML4.3

ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, ML4.4/22, NEIC 14 15:42:22.6, 2.2, 38.82N, 0.05, 43.61E, h10km, 1km, mb4.4/51, Error ellipse: s-maj=9.2km s-min=6.9km az=123.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Limon Verde, IPOC Station P, IPOC Station P, IPOC Station P, etc.

MCSM 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Kowa, TORD, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ZALV, MKAR.

NSSP 14 15:42:16.8, 38.83N, 43.40E, h10km, Ms4.5, IDC 14 15:42:20.8, 0.7, 38.82N, 43.70E, h0km, mb4.0/16, mbtm4.0/20, ML3.4/8, MS3.7/50, Error ellipse: s-maj=13.3km s-min=4.8km az=148.0

MOS 14 15:42:20.4, 1.6, 38.65N, 43.60E, h8km, mb4.3/23, Error ellipse: s-maj=5.5km s-min=3.3km az=95.3

TEH 14 15:42:21.0, 38.94N, 43.61E, h9km, 16km, ML4.3, ISK 14 15:42:21.0, 38.87N, 43.50E, h5km, ML4.4/22

AFAD 14 15:42:21.0, 1.0, 38.94N, 43.56E, h14km, 1km, MW4.5, NEIC 14 15:42:22.6, 2.2, 38.82N, 0.05, 43.61E, h10km, 1km, mb4.4/51, Error ellipse: s-maj=9.2km s-min=6.9km az=123.0

MCSM 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Kowa, TORD, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ZALV, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TVAN, OZAP, OZAP, ADCV, ADCV, ADCV, etc.

ISC 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

MOS 14 15:42:20.4, 1.6, 38.65N, 43.60E, h8km, mb4.3/23, Error ellipse: s-maj=5.5km s-min=3.3km az=95.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PERV, BLUS, TABS, TABS, TABS, etc.

ISC 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

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

ISC 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

MOS 14 15:42:20.4, 1.6, 38.65N, 43.60E, h8km, mb4.3/23, Error ellipse: s-maj=5.5km s-min=3.3km az=95.3

TEH 14 15:42:21.0, 38.94N, 43.61E, h9km, 16km, ML4.3, ISK 14 15:42:21.0, 38.87N, 43.50E, h5km, ML4.4/22

AFAD 14 15:42:21.0, 1.0, 38.94N, 43.56E, h14km, 1km, MW4.5, NEIC 14 15:42:22.6, 2.2, 38.82N, 0.05, 43.61E, h10km, 1km, mb4.4/51, Error ellipse: s-maj=9.2km s-min=6.9km az=123.0

MCSM 14 15:42:23.2, 0.7, 39.94N, 143.61E, h5km, mb4.4, MLV4.3, ISC 14 15:42:21.3, 1.0, 38.87N, 43.50E, h5km, 7km, n1435, s176/389, mb4.4/57, MS3.7/45.3, 1C-1B, Turkey

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ONI, MTEO, SHTL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPSR Galich'ya Gora, SGRR Siringeni, VRI Vri, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SIMJ Simiganj, KIRV Kirov, WISAR Wadi Sarin, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, H, M, S, Res. Includes stations like TWB1 Santiao Chiao, ENA Nanau, NDS Dongshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, H, M, S, Res. Includes stations like SLGT Liugui, SGST Jiashan, SNST Tainan City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, H, M, S, Res. Includes stations like J30M comp=2.3, 0nm, 1.4s, I30M Mount Dempster, etc.

Table with columns: TOR, Torodi Ar. Bea, 30.17, 65, P, P, 18 18 24.0, -2.7, etc. Includes entries for TAM, MDT, SAMI, SIV, PCRV, SABA, PVAQ, CPUP, ETMB, PMRV, MTE, ESDC, ESBB, PGAV, LPAZ, TSUM, LVC, SDDR, KEST, ROSC, TRQA, SSB, NNA, ATAH, BNI, MT08, TUE, SUR, ECH, DAVOX, WLF, LBTB, STU, MBAR, BOSA, MATP, PLCA, WES, PDG, GRFO, GRA1, GERES, JTS, SANT, DWPF, VTI, NHSC, CLL, BRG, KARP, BINY, PSZ, RGN, SCHO, ERPA, TKL, TEIG.

Table with columns: MLR, Muntele Rosu, 63.77, 38, LR, LR, 18 53 34.1, etc. Includes entries for BZTN, BORG, SADO, EIL, CSS, BRAL, APG, USHA, LRAL, MMAI, WCI, NOA, BRTR, BRTR, BRTR, BRTR, BR131, BRF13, SUW, WWT, VBMS, KIEV, AKASG, AKASG, AKKB, SFJD, ATD, CMIG, ARPR, CCM, FRB, PMSA, COWI, JMJC, MIAR, NHTX, HATK, SUMG, FINES, SCIA, 435B, SNAAL, SNAAL, OBN, KVARR, KBZ, KBZ, GNI, GNI, JCT, OK038, DAG, DAG, ARCES, CBKCS, KEV, NEEM, TXAR, TXAR, OLNE, BELG, KBS, SPITS, RSSD, EPT, PHMY, ANMO, Y22D, RES, RPN, LPIG, RLMT, PDAR, WSAR, GEYT, LKWY, LOHW, FLYW.

Table with columns: SNOW, Snow King Moun, 85.56, 313, P, P, 18 24 54.4, -0.7, etc. Includes entries for MOOV, MOOV, REDW, AKTO, WUAZ, X16A, TPWW, TPWW, FXWY, FXWY, AHID, AHID, HWUT, HWUT, NLU, NLU, ARU, ARU, ARU, MTPU, MTPU, ABKAR, DLMT, DUG, Y14A, Y14A, HUU, HUU, BGV, BGV, MSO, HLID, YKA, ELK, MFID, PFO, NEW, BMO, MAW, QSPA, QSPA, NVAR, WVOR, BVAR, YBH, INBK, DLBC, BBB, T35M, AAK, KURBB, J29N, I28M, O29M, MAKZ, VRDI, GLB, MDM, LSA, YAK, TBI, TBI, PPT2, PPT2, PPT2, PPT2, ASAR, ASAR, WRA, DZM, NEIC, TUL, Code, Station Name, A, AZ, Phase ID, Time Res, ISC, Res.

STKA	comp=Z,33nm,0.7s,baz=338,slow=8.9,SNR=22	LR	LR	20 11 30.6	
STKA	comp=Z,1.71nm,19.5s,baz=358,slow=40				
STKA	comp=Z,33nm,0.7s				
HNS	Stephens Creek	36.65 161	iP	P	19 54 01.3 +0.9
HNS	HongShan	36.71 342	iP	P	19 54 06.3 +5.6
NWAO	comp=Z,10.0nm,1.0s				
HTT	Narrogin (SRO)	36.88 195	P	P	19 54 02.6 +0.3
CMSA	Hallett	37.32 165	P	P	19 54 06.6 +0.5
RKGY	Cobar Meteorol	37.19 153	P	P	19 54 11.3 +0.5
BJI	Rocky Gully	38.54 195	P	P	19 54 17.8 +1.5
BJI	Beijing	38.76 345	P	P	19 54 17.1 -0.9
BJI			pP	pP	19 54 31.6 -0.7
BJI	comp=Z,4.0nm,1.0s				
JTM	comp=Z,97nm,4.3s				
ARMA	Temnabayashi	39.70 15	P	P	19 54 27.5 +1.6
ARMA	Armidade	39.81 147	P	P	19 54 27.5 +0.4
ARMA	Armidade	39.81 147	P	P	19 54 27.2 +0.2
ARMA			IAMB	IAMB	19 54 30.8
LZH	comp=Z,1.7nm,0.8s				
LZH	Lanzhou	40.13 329	eP	pP	19 54 30.9 +1.1
LZH			pP	pP	19 54 45.6 +1.5
HHC	comp=Z,1.20nm,1.4s				
HHC	Hu-ho-hao-te	40.85 341	eP	P	19 54 36.0 +0.4
HHC			pmax	pmax	
HHC	comp=Z,20nm,0.7s				
H11S3	comp=Z,130nm,4.6s				
H11S3	WAKE ISLAND Hy 40.88 65	T	T	20 38 01.2	
H11S2	WAKE ISLAND Hy 40.89 65	T	T	20 38 01.1	
H11S1	WAKE ISLAND Hy 40.90 65	T	T	20 38 01.6	
BTO	comp=Z,1.4nm,0.7s,SNR=41				
BTO	Baotou	41.17 339	eP	P	19 54 40.3 +2.1
BTO			pP	pP	19 54 53.3 +0.8
BTO			sP	sP	19 55 04.9 +5.7
BTO			Pn	Pn	19 56 20.6 +1.5
BTO			S	S	20 00 51.4 +4.1
BTO	comp=Z,12nm,0.5s				
BTO			pmax	pmax	
BTO	comp=Z,280nm,4.8s				
BTO			LR	LR	
BTO	comp=Z,400nm,4.2s				
BTO			LR	LR	
BTO	comp=Z,350nm,5.0s				
BTO			LR	LR	
ARPS	comp=Z,240nm,7.9s				
H11N1	Mount Arapiles	41.26 163	P	P	19 54 40.1 +1.3
H11N2	WAKE ISLAND Hy 41.45 63	T	T	20 38 34.3	
H11N3	WAKE ISLAND Hy 41.46 63	T	T	20 38 39.4	
H11N3	WAKE ISLAND Hy 41.47 63	T	T	20 38 36.2	
USA0B	comp=Z,1.4nm,0.7s,SNR=34				
USSR	Ussuriysk Arra	41.50 4	iP	P	19 54 40.2 -0.4
USSR	Ussuriysk Arra	41.50 4	iP	P	19 54 40.6 -0.1
SHL	comp=Z,14nm,0.7s				
SHL	Shillong	41.64 306	P	P	19 54 42.5 +0.1
SHL	Shillong	41.64 306	P	P	19 54 42.5 +0.1
MDJ	comp=Z,40nm,0.6s				
MDJ	Mudanjiang	41.79 2	P	P	19 54 42.5 -0.6
MDJ			pP	pP	19 54 56.3 -1.2
MDJ			S	S	20 01 02.0 +5.8
MDJ			ScS	ScS	20 04 37.4 -3.0
MDJ	comp=Z,22nm,1.0s				
MDJ			LR	LR	
MDJ	comp=Z,300nm,24.8s				
MDJ	Mudanjiang	41.79 2	IAMB	IAMB	19 54 43.1 0.0
MDJ					19 54 58.9
MDJ	comp=Z,30nm,1.0s				
MDJ	Mudanjiang	41.79 2	pP	pP	19 54 43.1 0.0
CAN	comp=Z,1.1nm,1.1s				
CAN	Canberra	42.54 155	P	P	19 54 57.4 +0.0
CAN	Canberra	42.54 155	P	P	19 54 50.4 +1.0
CAN	Canberra	42.54 155	pmax	pmax	19 54 50.4 +1.0
CAN	comp=Z,1.09nm,1.9s				
TAO	Canberra	42.54 155	P	P	19 54 50.5 +1.1
TAO	Toolangi	43.15 160	P	P	19 54 55.1 +0.9
ASAJ	Asahikawa	43.21 15	LR	LR	20 11 11.4
LSA	comp=Z,1.95nm,20.9s,baz=234,slow=34				
LSA	Lhasa	44.20 311	P	P	19 55 01.6 -1.8
LSA	Lhasa	44.20 311	P	P	19 55 01.6 -1.8
LSA			pmax	pmax	
GTA	comp=Z,12nm,0.7s				
GTA	Gaotai	44.73 329	iP	P	19 55 07.0 -0.1
GTA			pP	pP	19 55 22.4 +0.8
GTA			sP	sP	19 55 29.3 +1.1
GTA			PcP	PcP	19 56 51.3 -1.2
GTA			ScP	ScP	20 00 37.0 +1.2
GTA			pmax	pmax	
GOMU	comp=Z,7.0nm,1.0s				
GOMU	GeErMu	45.39 321	P	P	19 55 14.8 +2.2
YSS	comp=Z,6.0nm,0.5s				
YSS	Yuzh-Sakhalins	45.90 14	eP	pmax	19 55 16.7 +0.7
KLR	comp=Z,30nm,1.2s				
KLR	Kul'dur	46.49 3	LR	LR	20 12 34.5
KLR	Kul'dur	46.49 3	iP	P	19 55 18.3 -2.3
KLR			pmax	pmax	
HEH	comp=Z,6.0nm,1.0s				
HEH	HeiHe	47.42 359	eP	P	19 55 24.8 -3.0
HEH			pP	pP	19 55 41.0 -1.4
HEH			pmax	pmax	
ULN	comp=Z,4.0nm,1.5s				
ULN	Ulaanbaatar	48.57 341	P	P	19 55 36.3 -0.6
ULN	Ulaanbaatar	48.57 341	ceP	P	19 55 36.3 -0.6
ULN			pmax	pmax	
ULN	comp=Z,4.0nm,0.8s				
ULN	Ulaanbaatar	48.57 341	P	P	19 55 36.7 -0.3
SONM	ULN		pP	pP	19 55 51.1 -0.5
SONM	Songino Array	48.76 341	IAMB	IAMB	19 55 39.6 +1.3
SONM					19 55 55.2
SONM	comp=Z,2.9nm,1.6s				
SONM	Songino Array	48.76 341	P	P	19 55 38.1 -0.3
SONM	comp=Z,1.8nm,0.6s,baz=157,slow=7.7,SNR=8.1				
SONM					19 55 55.2
TYV	comp=Z,1.8nm,0.6s				
TYV	Tymovskoe	49.56 12	eP	P	19 55 57.3 +1.3
TYV			pmax	pmax	
TYV	comp=Z,1.1nm,1.1s				
TYV	Zeya	50.91 359	eP	pmax	19 56 08.2 +1.4
ZAK	comp=Z,10.0nm,1.0s				
ZAK	Zakamensk	51.99 340	eP	pmax	19 56 07.0 +4.3
IRK	comp=Z,3.0nm,1.6s				
IRK	lrkuts	53.27 342	eP	P	19 56 23.0 +1.1
MOY	comp=Z,3.7nm,1.5s				
MOY	Mondy	53.86 339	eP	pmax	19 56 31.1 +1.5
WMQ	comp=Z,2.3nm,2.2s				
WMQ	Urumqi	54.40 325	eP	pP	19 56 21.5 +1.0
WMQ			pP	pP	19 56 37.6 +2.1
WMQ	comp=Z,1.5nm,1.1s				
WMQ			LR	LR	
PEA0B	comp=Z,1.40nm,24.2s				
PETK	Petrovavlovsk	55.89 21	iP	P	19 56 31.0 0.0
PETK	Petrovavlovsk	55.89 21	P	P	19 56 30.2 -0.7
PETK	comp=Z,4.5nm,0.9s,baz=193,slow=5.9,SNR=7.6				
PETK			LR	LR	20 19 43.0
PET	comp=Z,4.7nm,20.1s,baz=198,slow=35				
PET	Petrovavlovsk	56.17 22	iP	P	19 56 33.0 +0.1
PET			pmax	pmax	
PDGK	comp=Z,8.0nm,1.1s				
PDGK	Podgornoye	59.13 320	iP	pmax	19 56 53.9 -0.2
MK31	comp=Z,1.9nm,0.8s				
MK31	Makanchi Array	59.23 325	P	IAMB	19 56 54.5 -0.1
MK31					19 57 11.8

MK31	Makanchi Array	59.23 325	eP	P	19 56 54.3 -0.3
MKAR	Makanchi Array	59.23 325	P	P	19 56 54.5 -0.2
MKAR	Makanchi Array	59.23 325	P	P	19 56 54.8 +0.1
MKAR	comp=Z,5.7nm,0.6s,baz=114,slow=8.0,SNR=54				
MKAR					20 23 35.1
YAK	comp=Z,103nm,21.0s,baz=116,slow=37				
YAK	Yakutsk	59.23 1	P	P	19 56 52.4 -1.9
YAK	Yakutsk	59.23 1	P	LR	20 20 58.1
YAK	comp=Z,112nm,21.9s,baz=182,slow=34				
YAK	Yakutsk	59.23 1	eP	P	19 56 51.8 -2.4
YAK			ePP	pP	19 57 07.8 -1.6
YAK			eS	sS	19 57 39.3
YAK			eSS	sS	20 04 55.9 -1.5
YAK			e	e	20 05 23.7 -0.8
YAK			eSS	SS	20 06 36.5
YAK			eSS	SS	20 08 53.0 +0.2
YAK	comp=Z,16nm,1.1s				
YAK			pmax	pmax	
YAK	comp=N,7.0nm,1.8s				
YAK			pmax	pmax	
YAK	comp=E,4.0nm,1.2s				
YAK			pmax	pmax	
YAK	comp=Z,157nm,6.2s				
YAK			pmax	pmax	
YAK	comp=N,94nm,6.2s				
YAK			pmax	pmax	
YAK	comp=E,80nm,5.8s				
YAK			smax	smax	
YAK	comp=E,134nm,8.3s				
YAK			smax	smax	
YAK	comp=N,60nm,4.3s				
YAK	Yakutsk	59.23 1	P	P	19 56 52.8 -1.4
YAK			pP	pP	19 57 08.1 -1.2
YAK			LR	LR	20 19 51.7
MA2	Magadan	59.40 13	LR	LR	
MAKZ	comp=N,74nm,21.7s,baz=204,slow=33				
MAKZ	Makanchi	59.42 325	P	P	19 56 55.7 -0.2
MAKZ	Makanchi	59.42 325	P	P	19 56 55.7 -0.2
MAKZ	comp=Z,30nm,1.0s				
MAKZ	Makanchi	59.42 325	P	P	19 56 55.9 0.0
MAKZ			pP	pP	19 57 11.8 +0.6
KSH	Kashi	59.79 315	pP	pP	19 57 01.5 +2.7
KSH			pP	pP	19 57 15.6 +1.7
KSH			pmax	pmax	
TKM2	Tokmak 2	61.48 318	P	LR	19 57 09.9 -0.4
AAK	Ala-Archa	62.09 318	LR	LR	20 26 10.1
AAK	Ala-Archa	62.09 318	iP	P	19 57 14.2 -0.2
AAK			pmax	pmax	
ZAAO	comp=Z,2.0nm,1.0s				
ZAAO	Zalesovo Arra	62.17 333	P	IAMB	19 57 12.3 -2.1
ZAAO					19 57 44.9
ZALV	comp=Z,1.1nm,1.2s				
ZALV	Zalesovo Beam	62.17 333	P	P	19 57 13.1 -1.3
ZALV	Zalesovo Beam	62.17 333	P	P	19 57 13.5 -0.9
ZALV	comp=Z,1.7nm,0.6s,baz=140,slow=5.8,SNR=9.7				
ZALV			LR	LR	20 25 45.1
ARSB	comp=Z,63nm,19.4s,baz=124,slow=38				
ARSB	Arslanbob Arra	62.60 316	IAMB	IAMB	19 57 34.6
SHEM	comp=Z,19nm,1.8s				
SHEM	Shemys Is, Ala	62.67 29	LR	LR	20 18 17.5
SEY	comp=Z,99nm,21.1s,baz=272,slow=30				
SEY	Seymchan	62.75 12	LR	LR	20 23 46.6
SEY	Seymchan	62.75 12	iP	P	19 57 18.5 +0.4
SEY			pmax	pmax	
KURBB	comp=Z,13nm,1.1s				
KURBB	Kurchatov Arra	63.39 327	P	P	19 57 22.2 -0.4
KURBB			LR	LR	20 26 58.2
KURBB					

14d 20h

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Q20K Shuyak Island, J20K Novinta River, B20K Meade River, etc.

2018 JUN

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like PAX Paxson, J25K Salcha River, F25K Christian River, etc.

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Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like U33K Whale Pass, R33M Jennings River, FINES FINESS Array B, etc.

IDC 14 20:04:59.15±0.06:38N;71.01E, h83km, 37km, mb3.4/2, mbmp3.5/8, Error ellipse: s-maj=59.6km s-min=23.5km az=142.0

NNC 14 20:05:02.87±5.37:03N;70.85E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=60.2km s-min=47.6km az=178.0

ISC 14 20:05:02.3±1.6, 36.7N;01:17:30.8E, 0.09, h100km, n18, az=110, 23, 4C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like UCH Uchter, EKS2 Erkin-Say, KK31 Karatay Array, etc.

IDC 14 20:13:49.2±8.5, 167.9S;168.93E, h166km, 59km, mb3.5/3, mbmp3.9/4, Error ellipse: s-maj=139.5km s-min=74.9km az=120.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like DZM Mont Dzumac, DZM Stephens Creek, WRA Warramunga Arr, etc.

IDC 14 20:43:50.5±0.9, 6.40S;143.00E, h0km, mb3.9/7, mbmp3.9/9, ML1.7/1, MS3.0/3, Error ellipse: s-maj=38.6km s-min=19.9km az=70.0

ISC 14 20:43:55.6±0.8, 6.57S;0:10:142.9E, 0.1, h35km, n11, az=110, 12, mb3.8/7, New Guinea

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like PMG Port Moresby, PMG Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like QSPA South Pole Qui, BVAR Borovoye Array, and ILAR Eielson Array.

BER 14 21:02:05.8;2.2,76.66N;7.67E, h10km, mb(Pn)3,6, ML1.7(DNK), Confirmed Earthquake
KOLA 14 21:02:09.2,76.94N;9.28E, h0km, ML1.7, Error ellipse: s-maj=23.0km s-min=11.3km az=30.0, Greenland sea

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like HSPB Hornsund, KBS Kingsbay, and DAG Danmarks Havn.

NEIC 14 21:08:29.1;1.6,14.9S;0.1;173.59W;0.09, h31km,4km, mb4.4/4, Error ellipse: s-maj=18.6km s-min=9.9km az=149.0
IDC 14 21:08:37.2;2.1,15.24S;173.29W, h0km, mb4.0/5, mbmp4.0/5, MS3.5/19, Error ellipse: s-maj=54.0km s-min=38.2km az=36.0

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like AFI Afiamalu, RAR Rarotonga, DZM Mont Dzumac, and WAKE ISLAND Hy stations.

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like QSPA South Pole Qui, ELK Elko, USRK Ussuriysk Ar., and MA2 Magadan.

SDD 14 21:28:17.1;2.0,18.52N;69.11W, h138km,8km, MD3.5, ML3.6, MW3.9
OSPL 14 21:28:17.6;2.2,18.51N;69.18W, h139km,13km, ML3.3
ISC 14 21:28:15.4;1.6,18.57N;69.00E,69.15W,0.04, h139km,10km, n27, r105/40,9C-6D, Dominican Republic region

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like HATOM Hato Mayor del, HATOM Hato Mayor del, and HATOM Hato Mayor del.

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like HATOM Hato Mayor del, HIGUEY Centro, Isla Soana, and Samana, DR.

IDC 14 22:01:59.4;1.5,1.44N;101.11W, h0km, mb4.0/7, mbmp4.0/7, MS3.5/23, Error ellipse: s-maj=26.0km az=59.0
NEIC 14 22:02:02.0;1.3,1.44N;0.1;101.44W;0.1, h10km,1km, mb4.5/6B, Error ellipse: s-maj=30.7km s-min=6.9km az=219.0

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like CMIG Matias Romero, JTS Las Juntas de, TEIG Tepich, and ATAH Atahualpa.

Table with columns: Code, Station Name, Az, El, P, Res, and various parameters. Includes stations like DRIO Del Rio Hondo, SAND San Antonio Junction City, CZSB Cruzero de 8.0nm, and 319A Douglas.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KURK Kurchatov, CHUM Lake Minchumin, SUA Susitna One, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like M24K Tolsona, Glenn, KLU Klutina, KLU Klutina, E23K Chandalar, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like G27K Doyon Strip, YUK8 Steele Glacier, BVAR Borovoye Array, etc.

F31M	comp=Z,21nm,0.8s baz=268,SNR=25	70.37	24	P	P	00 48 51.7	0.0
FARO	Faro, Yukon comp=Z,15nm,1.5s	70.47	29	IAMB	IAMB	00 48 54.1	
FARO	Faro, Yukon comp=Z,270,SNR=8.2	70.47	29	P	P	00 48 53.2	+0.6
INK	Inuvik baz=269,SNR=47	70.48	23	P	P	00 48 52.3	-0.1
N32M	Quiet Lake baz=270,SNR=8.2	70.61	31	P	P	00 48 53.7	+0.2
N32M	Quiet Lake baz=270,SNR=8.2	70.61	31	IAMB	IAMB	00 48 55.3	
N32M	Quiet Lake baz=271	70.61	31	P	P	00 48 54.3	+0.8
U33K	Whale Pass baz=273	70.76	36	P	P	00 48 55.8	+1.5
P33M	Teslin, Yukon baz=272,SNR=6.8	70.77	32	P	P	00 48 54.9	+0.5
P33M	Teslin, Yukon baz=272,SNR=6.8	70.77	32	IAMB	IAMB	00 48 56.3	
P33M	Teslin, Yukon baz=272,SNR=6.8	70.77	32	P	P	00 48 55.2	+0.8
WRAK	Wrangell Isian baz=273	71.18	36	P	P	00 48 57.7	+0.9
MMPY	Sheldon Lake, MMPY Sheldon Lake, baz=272,SNR=7.0	71.44	29	P	P	00 48 58.9	+0.5
MMPY	Sheldon Lake, MMPY Sheldon Lake, baz=272,SNR=7.0	71.44	29	P	P	00 48 59.5	+1.1
R33M	Jennings River baz=273	71.74	32	P	P	00 49 00.6	+0.2
R33M	Jennings River baz=273	71.74	32	IAMB	IAMB	00 49 02.1	
R33M	Jennings River baz=274,SNR=7.6	71.74	32	P	P	00 49 01.5	+1.2
S34M	Telegraph Cree baz=274,SNR=5.1	71.75	34	P	P	00 49 00.8	+0.5
S34M	Telegraph Cree baz=274,SNR=5.1	71.75	34	IAMB	IAMB	00 49 02.0	
S34M	Telegraph Cree baz=274,SNR=5.1	71.75	34	P	P	00 49 01.4	+1.2
DLBC	Dease Lake baz=275,SNR=12	72.29	33	P	P	00 49 04.1	+0.6
DLBC	Dease Lake baz=275,SNR=12	72.29	33	IAMB	IAMB	00 49 05.8	
DLBC	Dease Lake baz=275,SNR=12	72.29	33	P	P	00 49 05.0	+1.4
T35M	Bob Quinn baz=275	72.29	35	P	P	00 49 04.4	+0.9
T35M	Bob Quinn baz=275	72.29	35	P	P	00 49 04.9	+1.4
WTLY	Watson Lake, Y baz=275	72.78	32	P	P	00 49 07.0	+0.7
WTLY	Watson Lake, Y baz=275	72.78	32	IAMB	IAMB	00 49 08.5	
WTLY	Watson Lake, Y baz=275	72.78	32	P	P	00 49 07.9	+1.6
TGTN	Hyland Airport baz=275,SNR=2	72.91	30	P	P	00 49 08.2	+1.1
A36M	Sachs Harbour baz=275,SNR=36	73.22	19	P	P	00 49 08.7	+0.1
C36M	Paulatuk baz=277,SNR=36	73.86	22	P	P	00 49 12.2	-0.2
ARU	Arti comp=Z,9.0nm,0.9s	74.06	325	P	P	00 49 12.4	-1.4
ARU	Arti comp=Z,9.0nm,0.9s	74.06	325	IAMB	IAMB	00 49 12.6	-1.2
ARU	Arti comp=Z,9.0nm,0.9s	74.06	325	P	P	00 49 15.2	+0.5
LIRD	Liard River Hi baz=279	74.22	32	P	P	00 49 13.7	-1.3
ABKAR	Akbular array baz=279	74.23	317	P	P	00 49 13.5	-1.5
ABKAR	Akbular array baz=279	74.23	317	P	P	00 49 18.1	+0.4
TOAD	Toad River Com baz=278,SNR=12	74.73	33	P	P	00 49 19.1	+0.4
WRGLY	Wrigley baz=279	74.93	28	P	P	00 49 19.5	+0.8
WRGLY	Wrigley baz=279	74.93	28	P	P	00 49 19.5	+0.8
KOTAN	Kotanelee Air baz=279	75.13	31	P	P	00 49 20.7	+0.8
CBB	Campbell River baz=279	76.12	42	P	P	00 49 26.2	+0.4
GEYT	Alibek baz=279	77.62	306	P	P	00 49 33.9	-0.6
GEYT	Alibek baz=279	77.62	306	P	P	00 49 33.4	-1.1
GEYT	Alibek comp=Z,3.2nm,0.9s,baz=96,slow=1.4,SNR=7.0	77.62	306	P	P	00 49 33.9	-0.6
GEYT	Alibek comp=Z,3.2nm,0.9s	77.62	306	P	P	00 49 33.9	-0.6
GNW	Green Mountain comp=Z,5.0nm,1.1s	78.27	44	P	P	00 49 38.6	+0.8
GNW	Green Mountain comp=Z,5.0nm,1.1s	78.27	44	IAMB	IAMB	00 49 40.4	
YKA	Yellowknife Ar comp=Z,14nm,0.8s	79.05	28	P	P	00 49 41.5	-0.3
HUMO	Hull Mountain comp=Z,16nm,0.8s,baz=291,slow=6.0,SNR=70	79.34	49	P	P	00 49 44.9	+1.2
H04A	Detroit Lake comp=Z,16nm,0.7s	79.48	46	P	P	00 49 43.7	-0.2
I04A	Tendick Farm, I04A comp=Z,22nm,1.2s	79.44	47	IAMB	IAMB	00 49 44.5	+0.2
I04A	Tendick Farm, I04A comp=Z,22nm,1.2s	79.44	47	P	P	00 49 46.0	
HOOD	Mount Hood Me comp=Z,20nm,1.1s	79.59	46	P	P	00 49 45.7	+0.5
HOOD	Mount Hood Me comp=Z,20nm,1.1s	79.59	46	IAMB	IAMB	00 49 47.3	
LTY	Liberty comp=Z,11nm,0.8s	79.77	44	P	P	00 49 46.3	+0.2
LTY	Liberty comp=Z,11nm,0.8s	79.77	44	IAMB	IAMB	00 49 47.3	
B08A	Colville Reser comp=Z,16nm,0.7s	80.36	42	IAMB	IAMB	00 49 50.6	
SPITS	Spitsbergen Ar comp=Z,3.6nm,0.9s,baz=58,slow=6.2,SNR=4.7	80.36	351	P	P	00 49 46.6	-2.0
PINE	Pine Mountain comp=Z,3.6nm,0.9s	80.47	47	P	P	00 49 50.7	+0.7
PINE	Pine Mountain comp=Z,3.6nm,0.9s	80.47	47	IAMB	IAMB	00 49 52.3	
HAWA	Hanford comp=Z,3.6nm,0.8s	80.75	44	P	P	00 49 51.8	+0.6
D08A	Wollman Farm, D08A comp=Z,17nm,1.1s	80.97	44	IAMB	IAMB	00 49 52.7	+0.3
D08A	Wollman Farm, D08A comp=Z,17nm,1.1s	80.97	44	P	P	00 49 54.2	
E08A	Oder Farm, El comp=Z,17nm,1.1s	81.04	44	P	P	00 49 52.9	+0.2
BELG	Belogornoye comp=Z,6.0nm,0.9s	81.16	322	IAMB	IAMB	00 49 52.4	-0.8
BELG	Belogornoye comp=Z,6.0nm,0.9s	81.16	322	P	P	00 49 53.4	-0.2
ORV	Oroville comp=Z,22nm,1.5s	81.17	51	P	P	00 49 53.4	-0.2
ORV	Oroville comp=Z,22nm,1.5s	81.17	51	IAMB	IAMB	00 49 53.4	-0.2
G08A	Pilot Rock comp=Z,11nm,0.8s	81.43	45	P	P	00 49 55.1	+0.1
AFDM	Forest Hills D comp=Z,11nm,0.8s	81.72	52	P	P	00 49 56.8	+0.2
NEW	Newport comp=Z,19nm,1.1s	81.80	42	IAMB	IAMB	00 49 57.0	+0.2
NEW	Newport comp=Z,19nm,1.1s	81.80	42	P	P	00 49 57.2	+0.4
NEW	Newport comp=Z,19nm,1.1s	81.80	42	P	P	00 49 57.0	+0.2
J08A	Circle Bar Ran comp=Z,15nm,1.0s	82.31	47	P	P	00 49 60.0	+0.3
J08A	Circle Bar Ran comp=Z,15nm,1.0s	82.31	47	IAMB	IAMB	00 50 01.5	
F10A	Beach Ranch, E comp=Z,16nm,0.7s	82.40	44	P	P	00 49 59.6	-0.4
CMB	Columbia Colle comp=Z,3.6nm,0.9s	82.42	53	P	P	00 50 00.5	+0.3
CMB	Columbia Colle comp=Z,3.6nm,0.9s	82.42	53	IAMB	IAMB	00 50 00.5	+0.3
WVOR	Wild Horse Val comp=Z,6.0nm,0.9s	82.46	48	P	P	00 50 01.0	+0.6
WVOR	Wild Horse Val comp=Z,6.0nm,0.9s	82.46	48	IAMB	IAMB	00 50 01.0	+0.6
EDM	Edmonton comp=Z,10.0nm,0.9s	82.55	37	P	P	00 50 00.9	+0.4
EDM	Edmonton comp=Z,10.0nm,0.9s	82.55	37	IAMB	IAMB	00 50 01.7	
EDM	Edmonton comp=Z,10.0nm,0.9s	82.55	37	P	P	00 50 00.9	+0.4
PAHR	Pah Rah Range comp=Z,21nm,1.4s	82.70	51	P	P	00 50 02.7	+0.9
PAHR	Pah Rah Range comp=Z,21nm,1.4s	82.70	51	IAMB	IAMB	00 50 03.5	
PNTR	Pine Nut comp=Z,17nm,0.6s	82.71	51	P	P	00 50 02.3	+0.4
PNTR	Pine Nut comp=Z,17nm,0.6s	82.71	51	IAMB	IAMB	00 50 04.8	
SMMC	Simmler comp=Z,17nm,0.6s	83.49	55	P	P	00 50 06.4	+0.6
PLID	Pearl Lake comp=Z,8.5nm,0.9s	83.49	45	IAMB	IAMB	00 50 12.2	
ARCES	ARCES Array B comp=Z,1.3nm,0.6s,baz=66,slow=7.2,SNR=5.2	83.65	342	P	P	00 50 04.7	-1.2
ARCES	ARCES Array B comp=Z,1.3nm,0.6s	83.65	342	IAMB	IAMB	00 50 05.7	-0.1
ARCES	ARCES Array B comp=Z,1.3nm,0.6s	83.65	342	P	P	00 50 05.7	-0.1
RYN	Ryan comp=Z,1.0nm,0.5s	83.65	52	P	P	00 50 06.8	+0.2
RYN	Ryan comp=Z,1.0nm,0.5s	83.65	52	IAMB	IAMB	00 50 08.6	
PKM	Mcpherson Peak baz=287	83.75	56	P	P	00 50 08.1	+0.8
LHV	Little Huntton comp=Z,9.0nm,0.8s	83.78	52	P	P	00 50 07.8	+0.7
LHV	Little Huntton comp=Z,9.0nm,0.8s	83.78	52	IAMB	IAMB	00 50 09.6	

KVN	Kaisererville comp=Z,28nm,1.5s	83.84	51	P	P	00 50 08.1	+0.4
KVN	Kaisererville comp=Z,28nm,1.5s	83.84	51	IAMB	IAMB	00 50 08.9	
KVN	Kaisererville comp=Z,9.2nm,0.6s	83.84	51	P	P	00 50 08.1	+0.4
KVN	Kaisererville comp=Z,9.2nm,0.6s	83.84	51	IAMB	IAMB	00 50 08.9	
NVAR	Minna Array Bea comp=Z,7.2nm,0.6s	83.88	52	P	P	00 50 08.4	+0.5
NVAR	Minna Array Bea comp=Z,7.2nm,0.6s	83.88	52	IAMB	IAMB	00 50 08.9	+1.0
NVAR	Minna Array Bea comp=Z,7.2nm,0.6s	83.88	52	P	P	00 50 08.4	+0.5
NVAR	Minna Array Bea comp=Z,7.2nm,0.6s	83.88	52	IAMB	IAMB	00 50 08.9	+1.0
YES	Vestal, Richgr baz=289	84.04	54	P	P	00 50 08.6	+0.1
BMN	Battle Mountai comp=Z,5.0nm,0.6s	84.07	50	P	P	00 50 09.4	+0.6
BMN	Battle Mountai comp=Z,5.0nm,0.6s	84.07	50	IAMB	IAMB	00 50 09.4	+0.6
BMN	Battle Mountai comp=Z,5.0nm,0.6s	84.07	50	P	P	00 50 09.4	+0.6
BMN	Battle Mountai comp=Z,5.0nm,0.6s	84.07	50	IAMB	IAMB	00 50 09.4	+0.6
MFID	Camas Ranch comp=Z,24nm,1.1s	84.13	46	IAMB	IAMB	00 50 10.8	
MSO	Missoula comp=Z,14nm,0.9s	84.30	43	P	P	00 50 09.6	-0.1
MSO	Missoula comp=Z,14nm,0.9s	84.30	43	IAMB	IAMB	00 50 09.6	-0.1
DSP	Deep Springs comp=Z,7.2nm,0.6s	84.44	53	P	P	00 50 10.9	+0.4
ARVC	Arvin comp=Z,7.2nm,0.6s	84.45	55	P	P	00 50 10.8	+0.2
SNCC	San Nicolas Is comp=Z,14nm,0.9s	84.46	57	P	P	00 50 10.9	+0.2
CWC	Cottonwood Cre comp=Z,14nm,0.9s	84.64	54	P	P	00 50 12.3	+0.6
TPH	Tonopah comp=Z,27nm,0.7s	84.79	52	P	P	00 50 13.0	+0.5
TPH	Tonopah comp=Z,27nm,0.7s	84.79	52	IAMB	IAMB	00 50 13.6	
TPH	Tonopah comp=Z,27nm,0.7s	84.79	52	P	P	00 50 13.0	+0.5
TPH	Tonopah comp=Z,27nm,0.7s	84.79	52	IAMB	IAMB	00 50 13.6	
GMN	Gold Mountain comp=Z,17nm,1.1s	85.00	53	P	P	00 50 13.4	-0.2
HLID	Hailey comp=Z,17nm,1.1s	85.06	46	IAMB	IAMB	00 50 14.1	+0.4
HLID	Hailey comp=Z,17nm,1.1s	85.06	46	P	P	00 50 15.4	
HLID	Hailey comp=Z,17nm,1.1s	85.06	46	P	P	00 50 14.4	+0.7
HLID	Hailey comp=Z,17nm,1.1s	85.06	46	IAMB	IAMB	00 50 15.4	
EDW2	Edwards Air Fo comp=Z,16nm,0.8s	85.18	55	P	P	00 50 15.5	+1.2
MPMC	Manual Prospec comp=Z,16nm,0.8s	85.21	54	P	P	00 50 15.2	+0.5
CIS	Catalina Isian comp=Z,14nm,0.9s	85.30	57	P	P	00 50 15.7	+0.9
ELK	Elko comp=Z,14nm,0.9s	85.41	49	IAMB	IAMB	00 50 17.3	
BFSC	Mount Baldy Ra comp=Z,8.5nm,0.9s	85.64	56	P	P	00 50 17.2	+0.5
WCT	Wildcat Mounta comp=Z,5.7nm,0.6s	85.64	53	IAMB	IAMB	00 50 17.0	
R11B	Troy Canyon, C comp=Z,14nm,1.4s	85.93	51	P	P	00 50 20.1	
R11B	Troy Canyon, C comp=Z,14nm,1.4s	85.93	51	IAMB	IAMB	00 50 20.1	
GSC	Goldstone, Bar comp=Z,14nm,0.7s	85.98	54	P	P	00 50 17.6	-0.7
GSC	Goldstone, Bar comp=Z,14nm,0.7s	85.98	54	IAMB	IAMB	00 50 18.8	+0.6
GSC	Goldstone, Bar comp=Z,14nm,0.7s	85.98	54	P	P	00 50 17.6	-0.7
GSC	Goldstone, Bar comp=Z,14nm,0.7s	85.98	54	IAMB	IAMB	00 50 18.8	+0.6
GSC	Goldstone, Bar comp=Z,3.0nm,0.8s	85.98	54	P	P	00 50 19.3	+1.0
S11A	Rachel comp=Z,11nm,0.8s	86.04	52	IAMB	IAMB	00 50 19.8	+0.3
S11A	Rachel comp=Z,11nm,0.8s	86.04	52	P	P	00 50 20.4	
BOZ	Bozeman (W) comp=Z,8.1nm,0.9s	86.23	43	IAMB	IAMB	00 50 20.8	
BOZ	Bozeman (W) comp=Z,8.1nm,0.9s	86.23	43	P	P	00 50 19.9	+0.6
BOZ	Bozeman (W) comp=Z,8.1nm,0.9s	86.23	43	IAMB	IAMB	00 50 20.8	
BOZ	Bozeman						

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TOZ, QZR, QRR, QRS, etc.

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

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

CHKK	Chushkaly	71.44 318	eP	P	01 08 33.0	-0.3
UNV	Unalaska Valle	71.61 31	P	P	01 08 33.5	-0.6
P08K	Saint George I	71.63 27	P	P	01 08 33.0	-1.1
SP1A	Saint Paul Isl	71.64 26	P	P	01 08 34.2	+0.1
B00M	Boomsokoye usch	71.67 316	IAMB	IAMB	01 08 38.5	
KUU	Kury	71.89 318	eP	P	01 08 35.6	-0.4
KUU	comp=Z,561nm,17.1s	71.89 318	LR	LR	01 40 48.6	
KUU	Kury	71.89 318	eP	P	01 08 35.6	-0.4
TKM2	Tokmak 2	72.05 316	P	P	01 08 37.6	+0.3
TKM2	Tokmak 2	72.05 316	P	P	01 08 37.4	+0.1
BILL	Bilibino	72.38 10	P	P	01 08 37.7	-0.8
BILL	Bilibino	72.38 10	P	P	01 08 37.5	-1.0
BILL	BILL	72.38 10	P	P	01 08 42.6	-1.2
BILL	comp=Z,21nm,1.3s		MLR	MLR		
BILL	comp=Z,732nm,19.0s					
KBK	Karagaybulak	72.41 316	P	P	01 08 42.3	+2.9
UCH	Uchtor	72.57 315	P	P	01 08 41.5	+0.8
CHM	Chumysh	72.66 316	P	P	01 08 40.8	0.0
FRU1	Bishkek	72.68 316	P	P	01 08 40.9	0.0
FRU1	FRU1	72.68 316	IAMB	IAMB	01 08 44.4	
FRU1	FRU1	72.68 316	P	P	01 08 40.9	0.0
FRU1	FRU1	72.68 316	Pmax	Pmax	01 08 40.9	0.0
AAK	Ala-Archa	72.72 316	P	P	01 08 40.7	-0.5
AAK	AAK	72.72 316	IAMB	IAMB	01 08 45.0	
AAK	Ala-Archa	72.72 316	iP	P	01 08 41.0	-0.2
AAK	Ala-Archa	72.72 316	P	P	01 08 41.5	+0.3
AAK	comp=Z,27nm,1.1s,baz=114,slow=4.2,SNR=26		LR	LR	01 41 53.5	
AAK	comp=Z,662nm,20.0s,baz=114,slow=37					
AAK	Ala-Archa	72.72 316	P	P	01 08 41.2	0.0
AAK	Ala-Archa	72.72 316	P	P	01 08 41.2	0.0
AAK	Ala-Archa	72.72 316	S	S	01 18 08.8	+2.4
AAK	Ala-Archa	72.72 316	S	S	01 18 08.8	+2.4
AAK	Ala-Archa	72.72 316	eP	Pmax	01 08 41.9	+0.7
SGDS	Sogindy	72.90 317	eP	P	01 08 41.9	-0.2
SGDS	Sogindy	72.90 317	eP	P	01 08 41.9	-0.2
USP	Ospenovka	72.93 316	P	P	01 08 42.4	+0.1
KURK	Kurchatov	73.14 325	P	P	01 08 42.5	-0.4
KURK	Kurchatov	73.14 325	P	P	01 08 42.5	-0.8
KURK	KURK	73.14 325	P	P	01 08 42.5	-0.8
KURK	KURK	73.14 325	S	S	01 18 09.4	-1.0
KURK	Kurchatov	73.14 325	eP	P	01 08 42.3	-1.0
KURB	Kurchatov Arra	73.15 325	P	P	01 08 43.1	-0.3
KURB	comp=Z,56nm,0.9s,baz=118,slow=5.0,SNR=57					
KURB	Kurchatov Arra	73.15 325	P	P	01 08 42.9	-0.5
EKSZ	Erkin-Say	73.23 316	P	P	01 08 44.9	+0.7
FALS	False Pass	73.68 31	P	P	01 08 45.3	-1.1
DRK	Karamyk	73.69 312	P	P	01 08 47.2	0.0
DRK	DRK	73.69 312	IAMB	IAMB	01 08 51.0	
DRK	Karamyk	73.69 312	P	P	01 08 47.2	0.0
DRK	DRK	73.69 312	Pmax	Pmax	01 08 47.2	0.0
TIXI	Tiksi	73.73 357	P	P	01 08 44.9	-1.5
TIXI	Tiksi	73.73 357	IAMS_20	IAMS_20	01 40 20.8	
TIXI	Tiksi	73.73 357	eP	P	01 08 45.6	-0.8
TIXI	Tiksi	73.73 357	Pmax	Pmax	01 08 45.6	-0.8
KBL	Kabul	74.55 307	P	P	01 08 51.6	-0.6
KBL	Kabul	74.55 307	IAMB	IAMB	01 08 54.7	
KBL	Kabul	74.55 307	P	P	01 08 51.2	-1.0
KBL	Kabul	74.55 307	P	P	01 08 51.2	-1.0
KBL	Kabul	74.55 307	S	S	01 18 25.5	-1.9
KBL	Kabul	74.55 307	S	S	01 18 25.5	-1.9
KBL	Kabul	74.55 307	P	P	01 08 51.6	-0.6
KBL	comp=Z,58nm,1.0s		MLR	MLR		
BTK	Batken	74.58 312	IAMB	IAMB	01 08 55.6	
S12K	Black Hills	74.76 30	P	P	01 08 52.0	-0.7
DZA	Taraz	75.01 315	eP	P	01 08 54.1	-0.4
DZA	Taraz	75.01 315	eP	P	01 08 54.1	-0.4
GAMB	Gambell	75.02 20	P	P	01 08 54.0	0.0
M11K	Mekoryuk	75.18 25	P	P	01 08 54.3	-0.6
SIMJ	Simigay	75.56 311	P	P	01 08 57.9	0.0
KK31	Karatay Array	75.65 315	IAMB	IAMB	01 09 01.4	
KKAR	Karatay Array	75.65 315	iP	P	01 08 57.8	-0.3
KKAR	Karatay Array	75.65 315	P	P	01 08 57.9	-0.3
KKAR	Karatay Array	75.65 315	IAMB	IAMB	01 09 01.4	
CHNA	Chernabura Isl	75.65 32	P	P	01 08 57.9	-0.3
IUG	Iuzhny	75.72 314	eP	P	01 08 58.4	-0.3
IUG	Iuzhny	75.72 314	eP	P	01 08 58.3	-0.3
IUG	IUG	75.72 314	Pmax	Pmax	01 08 58.3	-0.3
OTUK	Ortay	76.01 321	P	P	01 08 59.7	-0.4
CHMK	Chimkent	76.07 314	eP	P	01 09 00.5	-0.1
CHM	comp=Z,34nm,1.0s,baz=314		LR	LR	01 43 17.1	
CHM	Chimkent	76.07 314	eP	P	01 09 00.4	-0.1
CHM	comp=Z,34nm,1.0s		MLR	MLR		
BRLS	Borolday	76.10 315	eP	P	01 09 00.8	0.0
BRLS	Borolday	76.10 315	eS	S	01 18 45.0	+0.9
BRLS	Borolday	76.10 315	eP	P	01 09 00.7	0.0
BRLS	Borolday	76.10 315	eS	S	01 18 44.9	+0.9
S14K	Fog Glacier	76.29 30	P	P	01 09 00.9	-0.6
BRZS	Berezni	76.38 323	eP	P	01 09 01.7	-0.5
BRZS	Berezni	76.38 323	eS	S	01 18 47.3	+0.6
BRZS	Berezni	76.38 323	eP	P	01 09 01.6	-0.5
BRZS	Berezni	76.38 323	eS	S	01 18 47.3	+0.6
M13K	Dall Lake	76.41 26	IAMS_20	IAMS_20	01 39 08.6	
M13K	Dall Lake	76.41 26	P	P	01 09 02.2	+0.2
VNDA	Vanda	76.55 175	P	P	01 09 02.1	-0.4
VNDA	Vanda	76.55 175	P	P	01 09 02.1	-0.4
VNDA	comp=Z,21nm,0.8s,baz=326,slow=6.7,SNR=96		LR	LR	01 43 18.9	

K13K	Kusilivak Mount	76.63 24	IAMB	IAMB	01 09 07.2	
K13K	Kusilivak Mount	76.63 24	P	P	01 09 03.0	-0.2
O14K	Tiguyukauvet M	76.78 27	IAMB	IAMB	01 09 07.6	
O14K	Tiguyukauvet M	76.78 27	P	P	01 09 04.1	-0.1
CHGN	Chignik	76.87 31	P	P	01 09 04.2	-0.5
N14K	Kuskokwak Cree	76.90 26	P	P	01 09 04.6	-0.2
L14K	Kulka Creek	77.15 25	P	P	01 09 06.0	-0.1
M14K	Bethel	77.17 26	P	P	01 09 06.7	+0.4
SBA	Scott Base	77.31 174	IAMS_20	IAMS_20	01 09 07.5	+0.7
SBA	Scott Base	77.31 174	P	P	01 09 07.8	
SBA	Scott Base	77.31 174	P	P	01 09 07.5	+0.7
TNA	Tin City	77.39 20	P	P	01 09 07.4	-0.1
O15K	Ungalikthiuk R	77.41 28	P	P	01 09 07.7	0.0
J14K	Nanvaranak Lak	77.49 23	IAMB	IAMB	01 09 12.0	
J14K	comp=Z,57nm,1.1s		IAMS_20	IAMS_20	01 37 30.1	
J14K	comp=Z,21m,21.0s					
J14K	Nanvaranak Lak	77.49 23	P	P	01 09 08.4	+0.4
M15K	Kasligluk River	77.70 26	P	P	01 09 08.8	-0.4
N15K	Kwethluk River	77.72 27	IAMB	IAMB	01 09 13.2	
N15K	comp=Z,17m,20.0s		IAMS_20	IAMS_20	01 40 04.5	
N15K	Kwethluk River	77.72 27	P	P	01 09 09.4	0.0
ANM	Nome	77.74 21	P	P	01 09 09.3	-0.1
R16K	Pilot Point	77.81 30	P	P	01 09 09.6	-0.3
L15K	Ungalik Mount	77.81 25	P	P	01 09 09.8	+0.4
F14K	Arctic Cree	77.89 20	P	P	01 09 10.6	+0.4
K15K	Wolf Creek Mou	78.08 24	P	P	01 09 11.6	+0.1
CHIR	Chirikof Islan	78.13 32	P	P	01 09 11.5	-0.2
P16K	Nushagak River	78.20 28	P	P	01 09 12.0	-0.1
O16K	Kokwok River B	78.39 28	IAMB	IAMB	01 09 16.7	
O16K	Kokwok River B	78.39 28	P	P	01 09 13.0	-0.1
G15K	Niuklu	78.45 21	P	P	01 09 12.7	-0.7
N16K	Nishilik Lake	78.45 27	P	P	01 09 14.0	+0.5
M16K	Timber Creek	78.60 26	IAMB	IAMB	01 09 18.1	
M16K	comp=Z,75nm,1.0s		IAMS_20	IAMS_20	01 40 30.7	
M16K	Timber Creek	78.60 26	P	P	01 09 14.3	0.0
F15K	North Star Dit	78.61 21	P	P	01 09 14.0	-0.3
L16K	Owah River	78.68 25	IAMB	IAMB	01 09 18.2	
L16K	comp=Z,53nm,1.1s					
Q16K	King Salmon	78.69 29	P	P	01 09 13.9	-0.9
BVA0	Borovyoye Array	78.73 325	iP	P	01 09 14.8	-0.4
BVAR	Borovyoye Array	78.73 325	P	P	01 09 15.1	-0.1
BRVK	Borovyoye	78.81 325	P	P	01 09 15.5	-0.1
BRVK	Borovyoye	78.81 325	P	P	01 09 15.3	-0.2
BRVK	Borovyoye	78.81 325	S	S	01 19 13.5	+0.7
BRVK	Borovyoye	78.81 325	S	S	01 19 13.5	+0.7
BRVK	Borovyoye	78.81 325	eP	Pmax	01 09 15.5	-0.1
Q17K	Contact Creek	78.91 29	P	P	01 09 15.0	-1.2
O17K	Koliganek Bris	78.92 28	P	P	01 09 16.2	+0.2
J16K	Anvik River	78.93 24	IAMB	IAMB	01 09 20.3	
J16K	comp=Z,73nm,1.0s		IAMS_20	IAMS_20	01 38 14.2	
J16K	Anvik River	78.93 24	P	P	01 09 16.1	0.0
P17K	Elim	78.94 22	P	P	01 09 16.1	+0.1
H16K	Kvichuk River	79.00 28	P	P	01 09 17.0	+0.5
SII	Sitkinak Islan	79.14 31	P	P	01 09 19.6	+2.2
SII	Sitkinak Islan	79.14 31	IAMB	IAMB	01 09 18.1	+0.7
SII	Sitkinak Islan	79.14 31	P	P	01 09 20.9	
I17K	Unalakleet	79.17 23	P	P	01 09 18.3	+1.0
I17K	comp=Z,100nm,1.0s		IAMS_20	IAMS_20	01 41 42.6	
I17K	Unalakleet	79.17 23	P	P	01 09 17.6	+0.3
N17K	Nushagak Hills	79.19 27	IAMB	IAMB	01 09 21.6	
N17K	Nushagak Hills	79.19 27	P	P	01 09 17.2	-0.3
G16K	Koyuk River	79.27 21	IAMB	IAMB	01 09 22.1	
G16K	Koyuk River	79.27 21	P	P	01 09 18.0	+0.2
R18K	Katuk	79.36 30	P	P	01 09 19.1	+0.6
L17K	Donlin	79.37 25	P	P	01 09 19.0	+0.5
M17K	Holitna River	79.43 26	IAMB	IAMB	01 09 23.1	
M17K	Holitna River	79.43 26	P	P	01 09 19.5	+0.6
J17K	VAMB Dome	79.59 24	IAMB	IAMB	01 09 24.3	
J17K	comp=Z,69nm,0.8s		IAMS_20	IAMS_20	01 38 46.7	
J17K	VAMB Dome	79.59 24	P	P	01 09 20.2	+0.6
K17K	Iditarod	79.61 25	P	P	01 09 20.5	+0.7
P18K	Big Mountain,	79.65 28	IAMS_20	IAMS_20	01 41 56.5	
P18K	Big Mountain,	79.65 28	P	P	01 09 18.8	-1.3
C16K	Lisburne Hills	79.75 18	P	P	01 09 20.0	-0.4
N18K	Kilae Creek	79.83 27	IAMS_20	IAMS_20	01 43 59.3	
N18K	Kilae Creek	79.83 27	P	P	01 09 21.1	0.0
O18K	Koktuh Hills	79.83 28	P	P	01 09 21.2	+0.1
OHAK	Old Harbor	79.83 31	P	P	01 09 22.5	+1.1
OHAK	Old Harbor	79.83 31	P	P	01 09 20.5	-0.6
G17K	Kiwalik Mount	79.94 22	P	P	01 09 22.0	+0.5
H17K	Granite Mounta	79.96 22	IAMB	IAMB	01 09 25.6	
H17K	comp=Z,69nm,1.1s		IAMS_20	IAMS_20	01 41 34.3	
H17K	Granite Mounta	79.96 22	P	P	01 09 22.3	+0.7
HRA	Herat	80.03 305	IAMB	IAMB	01 09 25.8	
L18K	Granite Mounta	80.09 25	IAMB	IAMB	01 09 26.4	
L18K	Granite Mounta	80.09 25	P	P	01 09 22.9	+0.5

F20K	Avaraat Lake baz=246,SNR=22	82.45	21	P	P	01 09 35.4 +0.8
SUA	Susitna One comp=Z,42nm,1.1s	82.45	27	IAMB	IAMB	01 09 37.1
SUA	Susitna One baz=252	82.45	27	P	P	01 09 33.7 -1.4
CAST	Castle Rocks comp=Z,42nm,1.1s	82.50	25	IAMB	IAMB	01 09 38.1
CAST	Castle Rocks baz=250,SNR=23	82.50	25	P	P	01 09 34.9 -0.3
CHUM	Lake Minchumir baz=250,SNR=9.0	82.56	25	P	P	01 09 35.1 -0.3
FIS	Fire Island comp=Z,2j,um,20.0s	82.59	28	IAMS_20	IAMS_20	01 41 22.1
O22K	Cooper Landing comp=Z,1j,um,21.0s	82.63	28	IAMS_20	IAMS_20	01 43 59.2
O22K	Cooper Landing baz=252	82.63	28	P	P	01 09 35.2 -0.6
SEW	Seward baz=253	82.64	29	P	P	01 09 35.6 -0.3
JASK	Jask - Hormozg SNR=8.3	82.69	296	P	P	01 09 38.0 +1.0
E20K	Nigu River baz=246,SNR=34	82.74	20	P	P	01 09 36.5 +0.1
D20K	Etiwuk River baz=249,SNR=34	82.78	19	P	P	01 09 36.5 -0.1
RC01	Rabbit Creek A comp=Z,2j,um,22.0s	82.80	28	IAMS_20	IAMS_20	01 41 03.7
RC01	Rabbit Creek A baz=253,SNR=8.0	82.80	28	P	P	01 09 36.0 -0.8
M22K	Willow baz=252,SNR=6.5	82.82	27	P	P	01 09 36.5 -0.4
MAW	Mawson comp=Z,23nm,1.0s,baz=89,slow=7.1,SNR=29	82.89	202	P	P	01 09 38.8 -0.2
CUT	Chulitna comp=Z,23nm,1.0s	82.96	26	IAMB	IAMB	01 09 40.2
CUT	Chulitna comp=Z,1j,um,22.0s	82.96	26	P	P	01 09 37.5 0.0
H21K	Melozitna Rive comp=Z,58nm,1.4s	82.98	23	IAMB	IAMB	01 09 41.8
H21K	Melozitna Rive comp=Z,2j,um,20.0s	82.98	23	IAMS_20	IAMS_20	01 43 19.3
H21K	Melozitna Rive baz=249,SNR=15	82.98	23	P	P	01 09 37.6 0.0
HOQ	Hogain SNR=14	82.98	294	P	P	01 09 39.3 +0.7
BSY	Bisyia	83.01	293	P	P	01 09 38.3 -0.4
BSY	Bisyia	83.01	293	P	P	01 09 38.3 -0.4
G21K	Allakaket baz=249,SNR=6.0	83.02	22	P	P	01 09 38.1 +0.2
KTH	Kantishna Hill comp=Z,72nm,1.3s	83.14	23	P	P	01 09 41.1
I21K	Tanana	83.14	23	P	P	01 09 39.2 +0.8
I21K	Tanana	83.14	23	P	P	01 09 43.2
I21K	Tanana comp=Z,1j,um,21.0s	83.14	23	P	P	01 09 38.4 0.0
B20K	Meade River comp=Z,43nm,1.1s	83.16	18	IAMB	IAMB	01 09 42.1
B20K	Meade River baz=245,SNR=7.0	83.16	18	P	P	01 09 38.7 +0.3
BPAW	Bear Paw Mtn. baz=251	83.18	25	P	P	01 09 38.5 -0.2
MSEY	Mahe Island Palmer	83.21	266	P	P	01 09 40.0 +0.1
PMR	Palmer	83.23	27	P	P	01 09 41.2 +2.3
PMR	Palmer	83.23	27	IAMB	IAMB	01 09 41.2
PMR	Palmer comp=Z,83nm,1.3s	83.23	27	IAMS_20	IAMS_20	01 43 59.0
PMR	Palmer comp=Z,1j,um,20.0s	83.23	27	P	P	01 09 38.3 -0.6
F21K	Alatna River baz=249,SNR=11	83.29	21	P	P	01 09 39.0 -0.3
GHO	Glory Hole Cre comp=Z,60nm,1.4s	83.37	27	IAMB	IAMB	01 09 43.1
KNK	Knik Glacier comp=Z,1j,um,22.0s	83.49	28	IAMS_20	IAMS_20	01 41 47.9
KNK	Knik Glacier baz=254,SNR=18	83.49	28	P	P	01 09 39.9 -0.5
E21K	Killik River comp=Z,44nm,1.4s	83.57	20	IAMB	IAMB	01 09 44.3
E21K	Killik River baz=248	83.57	20	P	P	01 09 40.5 -0.1
C21K	Knifeblade Rid baz=247,SNR=10	83.57	19	P	P	01 09 41.0 +0.4
MLY	Manley baz=251	83.58	24	P	P	01 09 40.2 -0.6
P23K	Montague Islan baz=255	83.60	29	P	P	01 09 40.8 -0.1
H22K	Ishlatitna Cre baz=251,SNR=13	83.61	23	P	P	01 09 41.5 +0.6
SML	Sawmill comp=Z,2j,um,20.0s	83.65	27	IAMS_20	IAMS_20	01 44 42.3
SML	Sawmill	83.65	27	P	P	01 09 40.9 -0.3
ARQ	Araqi SNR=10.0	83.68	294	P	P	01 09 42.0 -0.2
SOHO	SOHO SNR=21	83.74	294	i P	P	01 09 41.5 -0.9
SOHO	SOHO	83.74	294	P	P	01 09 42.3 -0.1
B21K	Ikkipuk River comp=Z,54nm,1.0s	83.81	19	IAMB	IAMB	01 09 45.5
B21K	Ikkipuk River baz=247,SNR=40	83.81	19	P	P	01 09 41.7 0.0
GEYT	Alibeck comp=Z,25nm,0.8s,baz=128,slow=2.4,SNR=36	83.84	308	P	P	01 09 43.4 +0.6
GEYT	Alibeck	83.84	308	P	P	01 09 43.1 +0.4
F22K	John River baz=259	83.86	21	P	P	01 09 42.6 +0.4
RND	Reindeer comp=Z,70nm,1.1s	83.88	26	IAMB	IAMB	01 09 45.1
A21K	Barrow baz=249,SNR=6.7	83.88	17	P	P	01 09 42.3 +0.2
G22K	Bettles baz=250	83.91	22	P	P	01 09 41.9 -0.5
M23K	Glacier View baz=254,SNR=9.6	83.93	27	P	P	01 09 41.8 -0.9
MCK	McKinley baz=253,SNR=18	83.94	25	P	P	01 09 41.5 -1.2
Q23K	Middleton Isla baz=256	83.98	30	P	P	01 09 41.8 -1.0
GLI	Glacier Island comp=Z,1j,um,21.0s	83.98	28	IAMS_20	IAMS_20	01 42 05.0
GLI	Glacier Island baz=255,SNR=9.7	83.98	28	P	P	01 09 41.6 -1.3
MDH	Madha SNR=13	84.05	296	P	P	01 09 43.8 -0.2
UOSS	Minazif	84.11	295	P	P	01 09 43.8 -0.5
UOSS	Minazif	84.11	295	i P	P	01 09 43.1 -1.2
UOSS	Minazif	84.11	295	P	P	01 09 43.9 -0.4
SHAO	Shalim	84.11	298	P	P	01 09 44.9 +0.4
SCM	Sheep Creek Mo comp=Z,1j,um,21.0s	84.12	27	IAMS_20	IAMS_20	01 45 05.6
SCM	Sheep Creek Mo baz=255,SNR=1.3s	84.12	27	P	P	01 09 43.2 -0.5
NEA2	Nenana comp=Z,46nm,1.2s	84.13	24	IAMB	IAMB	01 09 47.3
NEA2	Nenana baz=253,SNR=7.2	84.13	24	P	P	01 09 43.6 0.0
HIN	Hinchinbrook I comp=Z,57nm,1.0s	84.14	29	IAMB	IAMB	01 09 47.4
HIN	Hinchinbrook I comp=Z,1j,um,20.0s	84.16	295	i P	P	01 09 43.7 -0.9
HATD	Hatta, Dubai SNR=13	84.16	295	P	P	01 09 44.6 0.0
D22K	Ayiyak River comp=Z,46nm,1.1s	84.17	20	IAMB	IAMB	01 09 47.8
D22K	Ayiyak River baz=249,SNR=17	84.17	20	P	P	01 09 43.5 -0.2
I23K	Minto, Yukon-K comp=Z,1j,um,22.0s	84.18	24	IAMS_20	IAMS_20	01 41 27.9
I23K	Minto, Yukon-K baz=253,SNR=15	84.18	24	P	P	01 09 43.0 -0.7
MSFE	Esma-Masafi SNR=27	84.18	296	i P	P	01 09 43.8 -0.9
MASF	Masafi SNR=16	84.18	296	P	P	01 09 45.2 +0.4
AB31	Akbulak array	84.19	320	i P	P	01 09 43.8 -0.4
ABKAR	Akbulak array	84.19	320	P	P	01 09 43.4 -0.8
ABKAR	Akbulak array comp=Z,92nm,1.1s	84.19	320	IAMB	IAMB	01 09 47.1

E22K	Anaktuvuk Pass comp=Z,39nm,1.2s	84.21	21	IAMB	IAMB	01 09 47.9
E22K	Anaktuvuk Pass baz=250	84.21	21	P	P	01 09 43.6 -0.3
ASHO	Ashiyah SNR=12	84.22	295	i P	P	01 09 43.8 -1.1
ASHO	Ashiyah SNR=11	84.22	295	P	P	01 09 46.2 +1.3
A22K	Sinclair Lake SNR=20	84.23	18	P	P	01 09 43.9 0.0
FID	Port Fidalgo comp=Z,2j,um,20.0s	84.24	28	IAMS_20	IAMS_20	01 44 11.2
SHME	Shamm SNR=7.7	84.26	296	i P	P	01 09 44.0 -1.1
SHME	Shamm	84.26	296	P	P	01 09 46.6 +1.6
H23K	Yukon River comp=Z,47nm,1.4s	84.31	23	IAMB	IAMB	01 09 48.6
H23K	Yukon River baz=252,SNR=12	84.31	23	P	P	01 09 44.0 -0.5
G23K	Bananza Creek comp=Z,1j,um,20.0s	84.39	22	IAMS_20	IAMS_20	01 44 02.7
G23K	Bananza Creek baz=252,SNR=24	84.39	22	P	P	01 09 45.1 +0.2
DHY	Denali Highway comp=Z,1j,um,21.0s	84.43	26	IAMS_20	IAMS_20	01 44 24.7
ALNE	Al Ain SNR=55	84.45	294	i P	P	01 09 43.9 -2.2
ALNE	Al Ain SNR=22	84.45	294	P	P	01 09 46.1 +0.1
ALNE	Teshekpuk Lake baz=248,SNR=34	84.46	18	P	P	01 09 45.1 +0.1
B22K	Teshekpuk Lake baz=248,SNR=34	84.46	18	P	P	01 09 45.5 +0.2
COLD	Coldfoot baz=257	84.49	22	P	P	01 09 45.5 +0.2
WRH	Wood River Hill comp=Z,73nm,1.2s	84.50	25	IAMB	IAMB	01 09 48.1
EYAK	Cordova Ski Ar comp=Z,73nm,1.2s	84.54	29	P	P	01 09 45.4 -0.3
MDM	Murphy Dome comp=Z,55nm,1.8s	84.58	24	IAMB	IAMB	01 09 48.7
NAZ	Nazwa, Dubai SNR=12	84.60	295	i P	P	01 09 44.6 -2.2
NAZ	Nazwa, Dubai SNR=8.2	84.60	295	P	P	01 09 46.7 -0.1
FAQ	Al Faqa, Dubai SNR=29	84.64	295	i P	P	01 09 45.8 -1.3
FAQ	Al Faqa, Dubai SNR=5	84.64	295	P	P	01 09 47.2 +0.1
KLU	Klutina comp=Z,47nm,1.0s	84.68	28	IAMB	IAMB	01 09 50.4
KLU	Klutina comp=Z,1j,um,22.0s	84.68	28	P	P	01 09 46.4 -0.2
COLA	College	84.71	24	P	P	01 09 46.4 0.0
COLA	College	84.71	24	i P	P	01 09 47.4 +1.0
M24K	Tolsona, Glenn comp=Z,1j,um,20.0s	84.72	27	IAMS_20	IAMS_20	01 47 01.4
M24K	Tolsona, Glenn baz=256,SNR=12	84.72	27	P	P	01 09 46.5 -0.1
ASUD	Al Ashush, Dub SNR=21	84.87	295	i P	P	01 09 46.9 -1.3
ASUD	Al Ashush, Dub SNR=8.4	84.87	295	P	P	01 09 48.9 +0.7
D23K	Nanushuk River baz=251	84.88	20	P	P	01 09 47.9 +0.6
UMZA	Um Al Zomool comp=Z,1j,um,20.0s	84.88	293	P	P	01 09 48.2 -0.1
POKR	Poker Flat Res baz=254	84.95	24	P	P	01 09 48.1 +0.4
HDA	Harding Lake baz=255,SNR=9.9	84.96	25	P	P	01 09 48.1 +0.3
E23K	Chandler baz=257	84.96	21	P	P	01 09 48.5 +0.7
KAIM	Kayak Island baz=258	85.05	29	P	P	01 09 48.0 -0.2
IL31	comp=Z,28nm,0.9s	85.08	24	IAMB	IAMB	01 09 50.3
ILAR	Eielson Array	85.08	24	P	P	01 09 46.2 -2.1
ILAR	Eielson Array	85.08	24	P	P	01 09 46.7 -1.7
ILAR	Eielson Array comp=Z,30nm,1.1s,baz=258,slow=4.9,SNR=43	85.08	24	LR	LR	01 42 17.0
SVE	Sverdlouvs comp=Z,623nm,22.0s,baz=237,slow=32	85.14	327	eP	P	01 09 48.9 +0.1
SVE	Sverdlouvs	85.14	327	P	P	01 20 13.3 +0.4
TOLK	Toolik Lake Re comp=Z,68nm,1.4s	85.16	20	IAMB	IAMB	01 09 52.6
TOLK	Toolik Lake Re comp=Z,72nm,1.2s	85.16	20	P	P	01 09 49.1 +0.3
AJN	Ajban SNR=9.1	85.18	295	i P	P	01 09 47.7 -2.0
AJN	Ajban SNR=7.2	85.18	295	P	P	01 09 49.7 0.0
AJN	Ajban SNR=7.2	85.18	295	P	P	01 09 49.0 0.0
BMRM	Bremner River baz=257,SNR=14	85.18	28	P	P	01 09 48.6 -0.4
C23K	Hiklik River comp=Z,1j,um,21.0s	85.19	19	P	P	01 09 49.0 +0.2
PAX	Paxson baz=256,SNR=19	85.24	26	P	P	01 09 48.9 -0.4
HARP	HAARP	85.25	27	P	P	01 09 48.7 -0.6
K24K	Donnelly Dome baz=256	85.31	26	P	P	01 09 49.6 0.

Table with columns: SIM, Name, Date, Time, Status, and various codes. Includes entries like BMN Battle Mountain, PLID Pearl L, Q09A Carvers, etc.

Table with columns: SIM, Name, Date, Time, Status, and various codes. Includes entries like X16A Lo Mia Camp, GRHM Grahamstown, RDMU Red Mountain, etc.

Table with columns: SIM, Name, Date, Time, Status, and various codes. Includes entries like TXAR comp=Z,5.3nm,0.9s, baz=251,slow=1.3,SNR=36, F33A 5 Mile Ranch, AMTX Amarillo, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SDPT, OKER, CNBA, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like J16K, M20K, J17K, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like NVAR, PDAR, H11N2, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PB06, IPOC Station P, PB04, PATCX, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SHO, YUK, NEM2, NMR, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PLG, LRSO, AGG, etc.

BER 15 02:41:10.8±0.6, 75.42N±7.72E, h25km±39km, mb(Pn)3.5, Confirmed Earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRBA, BRBB, KBS, etc.

IDC 15 02:43:54.3±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, ILAR, ARCES, etc.

MOS 15 02:47:26.4±0.6, 43.77N±147.19E, h80km, mb3.8/2, Error ellipse: s-maj=22.3km s-min=16.4km az=65.8

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

SOF 15 02:51:40.7, 39.32N±0.02±23.90E±0.02, h10km, 8km AFAD 15 02:51:40.2±0.0, 39.20N±23.70E, h7km±4km, MB3.7/2E

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

IDC 15 02:51:42.8±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

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

IDC 15 02:51:42.5±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

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

THE 15 02:51:42.8±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

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

THE 15 02:51:42.8±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

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

THE 15 02:51:42.8±18.0, 21.84N±144.37E, h700km±165km, mb3.0/4, mbtmp4.1/4, Error ellipse: s-maj=206.4km

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

GUR	comp=E,1826um,0.6s	Goura	1.77 219	P	Pn	02 52 13.2	-0.4
GUR				S	Sn	02 52 34.4	-2.0
GUR				P	AML	02 52 44.6	
ZIR	comp=E,3224um,0.4s	ZIRJ		P	AML	02 52 48.1	
KAVA	comp=N,3506um,0.4s	Kavala	1.78 19	P	Pn	02 52 12.2	-1.5
KAVA		Kavala	1.78 19	P	Pn	02 52 12.2	-1.5
KLK		Kalavyryta, Ach	1.79 225	S	Sn	02 52 35.0	-1.8
KLK		Kalavyryta, Ach	1.79 225	P	Pn	02 52 13.3	-0.6
KLK				S	AML	02 52 35.2	-1.6
KLK	comp=N,1086um,0.7s			P	AML	02 52 44.9	
SMTH	comp=E,1277um,1.0s	Samothraki Isl	1.79 49	P	Pn	02 52 12.2	-1.7
SRS		Serrai	1.80 356	P	Pn	02 52 12.9	-1.1
SRS				S	Sn	02 52 36.2	-1.0
SRS				P	Pn	02 52 13.1	-0.9
SRS				S	Sn	02 52 35.7	-1.5
SRS	comp=N,756um,0.3s			P	AML	02 52 36.9	
UPR	comp=E,840um,0.8s	University Cam	1.85 237	P	Pn	02 52 13.1	-1.6
UPR				S	Sn	02 52 37.6	-0.7
KOAC		Canakkale, Ayy	1.86 84	P	Pn	02 52 15.8	+0.9
GOAD		Anakkale-G[]	1.87 62	P	Pb	02 52 16.5	+0.3
PVA		Paravola	1.87 249	P	Pn	02 52 14.7	+0.3
GADA		Gvkgaeada	1.87 62	Pn	Pn	02 52 14.2	-0.8
KPRO		Kipourio	1.95 290	S	Sn	02 52 15.5	-0.6
KPRO				S	Sn	02 52 40.0	-1.0
KNT	comp=E,2um,0.8s			P	Pn	02 52 15.7	-0.4
PRK		Paraskevi	1.96 91	P	Pn	02 52 15.6	-0.5
CHOS		Chios island	2.02 167	Pn	Pn	02 52 17.0	-0.2
NVR		Neurokopi	2.03 2	P	Pn	02 52 17.1	-0.1
ENZ		Ezine	2.05 75	Pn	Pn	02 52 17.1	-0.4
ENZ		Ezine	2.05 75	S	Sb	02 52 17.1	-0.5
ENZ		Ezine	2.05 75	S	Sb	02 52 36.4	+0.5
ENZ		Ezine	2.05 75	S	Sn	02 52 17.0	-0.4
ENZ		Ezine	2.05 75	S	Sn	02 52 43.1	-0.2
ENZ	comp=E,1um,0.6s			Pn	Pn	02 52 17.1	-0.6
ENZ		Ezine-Canakkal	2.07 77	Pn	Pn	02 52 19.0	-0.6
PENT		Pentalofos	2.20 294	Pn	Pn	02 52 19.3	-0.6
MMB		Musomisitha	2.23 360	P	Sg	02 52 54.4	+0.4
COMU		Canakkale	2.24 69	Pn	Pn	02 52 19.5	-0.6
RDO		Rodhopi	2.28 36	Pn	Pn	02 52 19.3	-1.3
RDO		Rodhopi	2.28 36	Pn	Pn	02 52 19.1	-1.5
ENEZ		Enez	2.33 52	Pn	Pn	02 52 20.5	-0.8
ENEZ		Enez	2.33 52	Pn	Pn	02 52 20.4	-0.8
ENEZ		Enez	2.33 52	S	Sn	02 52 49.7	-0.4
FNA		Florina	2.34 310	Pn	Pn	02 52 20.9	-0.6
FNA		Florina	2.34 310	Pn	Pn	02 52 21.1	-0.4
FNA		Florina	2.34 310	Pn	Pn	02 52 49.5	-1.0
GELI		Tayfur-Gelibol	2.36 62	Pn	Pn	02 52 20.9	-0.7
ALN		Alexandroupoli	2.36 47	Pn	Pn	02 52 20.8	-0.9
ALN		Alexandroupoli	2.36 47	Pn	Pn	02 52 20.3	-1.4
URLA		Izmir	2.42 112	Pn	Pn	02 52 22.6	+0.1
URLA		Izmir	2.42 112	Pn	Pn	02 52 28.6	+0.2
DKL		Dikili	2.42 112	Pn	Pn	02 52 22.2	-0.2
RZN		Rozhen	2.49 17	P	Pn	02 52 22.5	-1.2
ERIK		Erikli-Kesan	2.52 57	Pn	Pn	02 52 23.3	-0.5
ERIK		Erikli-Kesan	2.52 57	Pn	Pn	02 52 22.8	-1.1
LPK		Lapskei	2.54 65	Pn	Pn	02 52 23.9	-0.3
KVB		Krupnik	2.57 340	Pn	Pn	02 52 24.4	-0.1
ITM		Ithomi	2.57 215	Pn	Pn	02 52 25.1	+0.5
BUHA		Balikesir, Bur	2.58 85	Pn	Pg	02 52 30.9	-1.1
KDZ		Kurdzhali	2.61 27	P	Pn	02 52 23.9	-1.2
APE		Apeiranthos	2.65 147	Pn	Pn	02 52 23.0	-2.7
APE		Apeiranthos	2.65 147	Pn	Pn	02 52 25.8	+0.1
APE		Apeiranthos	2.65 147	Pn	Pn	02 52 14.7	+1.2
APE		Apeiranthos	2.65 147	Pn	Pn	02 52 25.2	-0.5
STIP		Stip	2.66 334	Pn	Pn	02 52 25.3	-0.5
VLI		Velia	2.67 194	Pn	Pn	02 52 25.2	-0.8
BLCB		Balcova	2.73 109	Pn	Pn	02 52 27.0	+0.2
UKOP		Uzunokpru-Edir	2.88 50	Pn	Pn	02 52 26.8	-1.6
OHR		Ohrid	2.88 309	Pn	Pn	02 52 30.9	+0.1
OHR		Ohrid	2.88 309	Pn	Pn	02 53 04.8	+0.8
SMB		Samos	2.91 123	Pn	Pn	02 52 29.2	-0.0
PLD		Plovdiv	2.93 15	P	Pn	02 52 28.6	-0.9
KRBG		Karabiga-Canak	2.93 67	Pn	Pn	02 52 31.2	+1.6
SART		Tekirdag	2.97 61	Pn	Pn	02 52 34.8	+1.2
BALY		Balya	3.02 81	Pn	Pn	02 52 37.6	+1.0
STEP		BALIKESIR_Sava	3.08 88	Pn	Pn	02 52 33.8	+2.2
THR2		Thira island	3.16 155	Pn	Pn	02 52 32.5	-0.2
PGB		Panagyurishte	3.21 6	P	Pg	02 52 47.2	-1.3
VTS		Vitoshka	3.32 353	Pn	Pn	02 52 34.9	-0.1
EDIN		Edinokik	3.32 353	Pn	Pn	02 52 42.1	+1.0
ANKY		Antikyithira Is	3.46 186	Pn	Pn	02 52 36.1	-0.8
BODT		Bodrum	3.60 128	Pn	Pn	02 52 37.0	-1.7
KCTX		Karacabey (Bur	3.67 74	Pn	Pn	02 52 48.4	+0.7
KCTX		Karacabey (Bur	3.67 74	Pn	Pn	02 53 37.4	-3.0
BDRM		Kayabasi	3.68 127	S	Sg	02 53 14.4	+1.5
SLVT		Silivri	3.91 59	P	Sg	02 52 57.0	+2.1
SLVT		Silivri	3.91 59	P	Sg	02 53 45.9	-2.1
ELND		Elena	3.95 23	P	Pn	02 52 43.3	-0.2
MPEP		Malu Peshtene	4.04 360	Pn	Pn	02 52 45.0	+0.3
IDI		Anovija	4.12 167	Pn	Pn	02 52 46.1	+0.1
IDI		Anovija	4.12 167	Pn	Pn	02 52 45.7	-0.3
IDI	comp=E,5.3nm,0.3s,baz=347,slow=12,SNR=50			Sn	Sn	02 53 35.4	+0.8
USAK	comp=E,2.6nm,0.3s,baz=320,slow=3.1,SNR=5.5	Ulak-Merkez	4.25 77	P	Pn	02 52 47.5	+1.2
ULDT		Uludag	4.33 97	P	Pn	02 52 50.2	+2.5
EMET		Ktahya-Emet	4.32 87	P	Pn	02 52 49.0	+0.3
GEMT		Gemlik	4.33 73	P	Pb	02 52 57.5	-1.5
TURN		Turunc	4.36 124	Pn	Pn	02 52 46.7	-2.5
TRME		Dracevica, Mon	4.50 15	P	Pn	02 52 51.1	+0.5
ZIMR		Zimri	4.50 15	P	Pn	02 52 50.9	+0.2
BOVS		Bovan	4.58 341	P	Pn	02 52 51.5	-0.7
PASA		Karahalli, USA	4.58 100	P	Pn	02 52 53.1	+0.7
PDG		Podgorica	4.61 34	Pn	Pn	02 52 56.8	+4.2
KARP		Karpathos	4.64 143	Pn	Pn	02 52 53.7	+0.6
VLAD		Vladia	4.67 345	Pn	Pn	02 52 54.4	+0.7
INCE		Denizli-Bozkur	4.84 108	Pn	Pn	02 52 54.8	-1.1
SJES		Sjenica	4.86 325	Pn	Pn	02 52 55.8	-0.4
HISA		Bilecik-Osmane	4.88 74	Pn	Pn	02 52 54.8	-1.6
TREB		Trebinje	5.31 311	Pn	Pn	02 53 04.1	+1.8
BRY		Bratogost	5.32 314	Pn	Pn	02 53 03.1	+0.6
DBRK		Dubrovnik	5.40 310	Pn	Pn	02 53 03.3	-0.2
DBRK		Dubrovnik	5.40 310	Pn	Pn	02 54 03.5	-2.5
RUDO		Rudo	5.41 324	Pn	Pn	02 53 02.1	-1.5
BBLs		Lazići	5.49 326	Pn	Pn	02 53 04.6	-1.6
HERR		Herculane	5.65 350	Pn	Pn	02 53 05.8	-1.0
MDVR		Moldovits	5.67 345	Pn	Pn	02 53 06.0	-1.2
ICOR		In Corvin	5.67 31	P	Pn	02 53 07.2	-0.0
STON		Ston	5.79 310	Pn	Pn	02 53 09.2	+0.5
STON		Ston	5.79 310	Pn	Pn	02 53 09.2	+0.5
HAPS		Han Pijesak,BI	5.97 325	Pn	Pn	02 53 11.9	+0.5
ARR		Arges	6.08 6	P	Pn	02 53 12.9	-0.0
TEKS		Tekseri	6.34 310	Pn	Pn	02 53 13.0	+1.3
LOT		Lotru	6.13 0	P	Pn	02 53 13.0	-0.6
VOIR		Voiron	6.19 9	P	Pn	02 53 14.5	+0.1
LSTV		Lastovo	6.23 306	Pn	Pn	02 53 14.3	-0.5
MLR		Muntele Rosu	6.38 14	Pn	Pn	02 53 17.0	-0.0
MLR		Muntele Rosu	6.38 14	Pn	Pn	02 53 17.7	+0.7
MLR	comp=E,1.7nm,0.3s,baz=172,slow=4.8,SNR=15			Sn	Sn	02 54 28.0	-2.2
MLR	comp=E,2.2,slow=13			Lg	Lg	02 55 07.4	
MLR	comp=E,0.5nm,0.3s,baz=239,slow=5.6,SNR=1.4			Lg	Lg	02 55 07.4	
MAKA	comp=E,5.8nm,0.5s	Makarska	6.43 310	ePn	Pn	02 53 18.4	+0.7
MAKA		Makarska	6.43 310	ePn	Pn	02 54 28.4	-3.0
MAKA		Makarska	6.43 310	ePn	Pn	02 53 17.2	-1.2
BZAS		Buzias	6.49 347	ePn	Pn	02 53 19.5	+0.0
RICI		Ricica	6.49 312	ePn	Pn	02 53 18.6	-0.4
FRGS		Fruska Gora	6.53 305	ePn	Pn	02 53 20.5	-1.1
HVAR		Hvar	6.72 307	ePn	Pn	02 53 20.5	-1.1
DOPR		Dopca	6.75 10	P	Pn	02 53 22.5	+0.4
COVR		Voineasa-Covas	6.77 15	P	Pn	02 53 23.7	+1.3
SRKY		Kupres SRKY	6.84 316	Pn	Pn	02 53 24.4	-1.0
PLOR		Plostinia	6.87 17	P	Pn	02 53 24.8	+1.1
VRI		Vrincioia	6.90 18	P	Pn	02 53 25.3	+1.1
TURR		Turia	6.94 13	P	Pn	02 53 25.4	+0.8
OZUR		Ozur	6.94 12	P	Pn	02 53 25.1	+0.5
SIRR		Siria	7.11 348	P	Pn	02 53 25.4	-1.7

KLUV	Kijevo	7.22 313	ePn	Pn	02 53 29.4	+0.9
BLY	Banja Luka	7.30 320	ePn	Pn	02 53 29.1	-0.5
A050A	Kielovaca	7.46 316	ePn	Pn	02 53 29.8	-2.0
ZIRJ	Zirje	7.47 308	ePn	Pn	02 53 31.8	+0.1
TESR	Tescani	7.50 16	jP	Pn	02 53 34.0	+1.8
VAE	Vajuganera	7.55 259	Pn	Pn	02 53 32.5	-0.9
VAE	comp=E,1.6nm,0.3s,baz=67,slow=15,SNR=19		Sn	Sn	02 55 01.1	+1.9
BRTR	comp=E,0.6nm,0.3s,baz=238,slow=16,SNR=2.0		Pn	Pn	02 53 35.7	+1.1
BRTR	comp=E,0.1nm,0.3s,baz=263,slow=13,SNR=7.2		S	Sn	02 55 00.5	-1.2
BRTR	baz=266,slow=19,SNR=2.0		Lg	Lg	02 55 44.4	
MORH	Mrgy, Hungar	7.85 333	iP	Pn	02 53 35.6	-1.5
UDBI	Udobia	7.91 314	ePn	Pn	02 53 39.5	+1.6
DUGI	Dugi Otok	8.01 308	ePn	Pn	02 53 38.8	-0.5
VIRC	Virc	8.18 310	ePn	Pn	02 53 41.9	+0.4
BURAR	Buocovina Array	8.36 7	iP	Pn	02 53 44.9	+0.7
MMAI	Mout Meron Ar	11.32 120	Pn	Pn	02 54 24.8	-0.0
KEST	Kesra	11.89 257	Sn	Sn	02 56 49.0	+1.1
KHC	Kansperke Hory	12.21 327	eP	Pn	02 54 45.1	+4.6
ESDC	Sonsea Array	21.36 280	P	Pn	02 56 31.2	+0.6
EKA	Eskdalemuir Ar	24.05 321	P	P	02 56 59.5	+1.3
TORD	Tordi Ar	32.54 223	P	P	02 58 13.5	-0.8
BVAR	Borovoye Array	34.45 51	P	P	02 58 31.3	+0.7
SPITS	Spitsbergen Ar	39.09 358	P	P	02 59 09.7	-0.2
KURBB	Kurchatov Arr	39.52 55	P	P	02 59 13.9	+0.2
MKAR	Makanchi Array	42.55 60	P	P	02 59 39.3	+0.5
ZALV	Zalesovo Beam	43.04 49	P	P	02 59 44.0	+1.3

1DC 15 03:11:27.9,0.8,64.78N:132.84W, h0km, mb2.9/1, mbmp3.3/7, ML3.6/6, MS3.5/1, Error ellipse: s-maj=10.8km s-min=8.2km az=33.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, and various station data points.

AFAD 15 03:11:42.4-0.0, 39°29'N-23°80'E, h3km, 2km, MW3.9
IDC 15 03:11:44.5-0.9, 39°28'N-23°74'E, h0km, mb3.6/10,
mbmp3.7/17, ML3.6/5, MS3.3/10, Error ellipse:
s-maj=14.9km s-min=12.4km az=140.0
ATH 15 03:11:45.8, 39°35'N-23°74'E, h11km, 2km, ML3.8/35, Error
ellipse: s-maj=2.1km s-min=0.8km az=269.0
THE 15 03:11:45.5, 39°30'N-23°73'E, h11km, ML3.9/22, Error
ellipse: s-maj=0.7km s-min=0.4km az=48.0
SOF 15 03:11:46.3, 39°51'N-0°04'23.90E, 0.02, h12km, 5km,
MD3.6/3
ISK 15 03:11:46.2, 39°35'N-23°76'E, h57km, 2km, ML3.9/18
ISC 15 03:11:45.3, 1.0, 39°32'N-0°02-23.74E, 0.01, h9km, 7km,
n201, -0.994/245, mb3.6/10, MS3.3/4, 13C-9D, Aegean Sea

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, and various station data points.

Table with columns: AGG, AML, AML, 03 12 24.9, and various station data points.

Table with columns: KLV, AML, AML, 03 12 51.4, and various station data points.

Table with columns: ILAR, Eielson Array, 85.57, 23, P, P, 03 44 32.3 -1.6, 03 44 32.5 -1.4, etc.

Table with columns: ASAR, ASO1, Alice Springs, 18.86, 147, P, P, 03 51 32.9 +1.6, etc.

Table with columns: BAYC, AYVA, Ayvalik, 0.48, 116, P, P, 03 54 16.8 -0.1, etc.

SJA 15 03:34:36.4 1.6 21.01S:69.11W, h95km, ML3.2, MW3.5

ZALV Zalesovo Beam 69.52 372 P P 03 58 11.4 -0.6

COMU Canakkale 0.64 24 Pg P 03 54 20.1 +0.3

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: SBA, SBA, Scott Base, 73.40, 171, P, Iamb, 03 58 35.2 +0.4

Table with columns: LIA, LIA, LIA, 0.46, 24, P, AML, 03 54 39.0

NEIC 15 03:52:12.5 1.0, 19.420N:0.010:155.274W:0.006,

CHOS Chios island 1.13 183 P S 03 54 28.1 +0.2

HVO 15 03:52:12.4 0.9, 19.412N:0.008:155.282W:0.007,

SOMA Soma-Manisa 1.15 108 Pn S 03 54 29.9 +0.5

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: SOMA, SOMA, Balya, 1.17, 79, P, S, 03 54 46.0

VIE 15 03:58:43.3 0.9, 51.32N:16.31E, h0km, mb2.4/2, ml2.5/3,

NEIC 15 03:47:26.6 1.2, 7.8S:0.1:123.0E:0.1, h214km, 7km,

ALPE Alea Permanent 0.36 291 P Pg 03 52 19.8 +0.3

CLL Colim 2.03 269 I Pg S 03 59 19.0 +1.0

IDC 15 03:47:27.3 1.2, 7.95S:123.00E, h204km, 10km, mb3.2/5,

HPO Honapu 0.41 219 P Pg 03 52 20.2 +0.1

VRAC Vranov 2.10 174 ePn S 03 59 19.4 +0.4

IDC 15 03:47:27.4 0.6, 7.95S:122.93E:0.08, h221km, n46,

KOCA Canakkale, Ayv 0.02 166 P Pg 03 54 09.8 -0.1

TRAC Trest 2.16 193 eSg S 03 59 49.5 +0.5

Code Station Name Delta Azimuth Phase ID Time Res

AFAD 15 03:54:07.0 0.0, 39.53N:26.18E, h8km, 2km, ML2.1

CRKC Cesky Krumlov 2.86 206 ePn Pn 03 59 29.6 +0.2

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

IDC 15 04:09:12.8 13.0, 0.12N:121.84E, h232km, 165km,

Table with columns: KAPI, WRA, ASAR, SONM. Includes station names like Kappang, Warramunga Arr, Alice Springs, Songino Array and their respective coordinates and parameters.

15d 04:16:26.3+1.6, 19:27N;144:84E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=56.1km s-min=29.3km az=91.0

NEIC 15 04:17:18.4+2.0, 19:0N;01:144:8E;0.2, h541km, 12km, mb4.0/17, Error ellipse: s-maj=29.4km s-min=18.4km az=93.0

ISC 15 04:17:18.5+0.8, 18:8N;01:144:8E;0.2, h550km, n24, c089/24, mb3.8/13, Mariana Islands

Main table for the first section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like COEN, WB2, WRA, FITZ, etc.

15d 04:24:07.3+10.0, 20:30S;176:83W, h381km, 96km, mb3.3/5, mbtmp4.1/6, Error ellipse: s-maj=49.2km s-min=27.4km az=59.0

ISC 15 04:24:08.8+1.3, 20:3S;02:176:9W;0.2, h400km, n7, c109/7, mb3.5/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM, ASAR, WRA, Vnda, etc.

15d 04:26:47.9+1.7, 15:36S;72:31W, h97km, 20km, mb3.5/6, mbtmp3.6/9, Error ellipse: s-maj=34.9km s-min=12.4km az=37.0

ISC 15 04:26:48.5+0.8, 15:46S;01:10:72:39W;0.08, h108km, n10, c150/14, mb3.6/6, Southern Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LPAZ, NNA, NNC, LVC, etc.

15d 04:28:13.8+3.2, 5:94S;150:27E, h0km, mb3.5/2, mbtmp3.7/3, ML1.9/1, Error ellipse: s-maj=120.1km s-min=37.6km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, TORD.

0.3nm, 0.8s, baz=66, slow=3.2, SNR=5.4

NNC 15 04:59:16.8+3.2, 53:49N;87:74E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=27.3km s-min=14.1km az=63.0, Suspected Mining explosion.

ISC 15 04:59:18.0+2.6, 53:52N;87:68E, h0km, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=23.1km s-min=15.2km az=60.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I46RU, ZAAO, ZAAO, ZALV, etc.

NEIC 15 05:15:30.2+1.2, 19:41N;01:155:278W;0.006, h15km, 1km, Error ellipse: s-maj=1.9km s-min=1.6km az=337.0

HVO 15 05:15:30.0+0.9, 19:41N;01:155:278W;0.007, h1km, 3km, ML3.2/33, ML2.7/28(NEIC), Error ellipse: s-maj=1.0km s-min=0.3km az=82.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like OBL, UWE, BYL, etc.

15d 05:16:44.1+5.0, 6:98S;130:10E, h100km, 43km, mb3.6/4, mbtmp4.0/7, Error ellipse: s-maj=39.3km s-min=23.2km az=58.0

ISC 15 05:16:50.1+1.1, 7:37S;01:130:00E;0.08, h150km, n11, c243/14, mb3.6/4, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SAUI, DRN, MTN, etc.

NEIC 15 05:22:30.8+1.6, 32:89N;100:98W;0.02, h5km, 1km, mb_Lg2.5/43, Error ellipse: s-maj=5.7km s-min=2.6km az=340.0, Western Texas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SN05, SN07, SN07, etc.

Table with columns: DKNS, DKNS, APMT, etc. Lists stations like Dickens, Aspermont, Sterling City, etc.

15d 05:51:35.8+1.1, 6:07S;142:85E, h0km, mb3.9/4, mbtmp4.0/6, ML2.1/11, MS3.3/4, Error ellipse: s-maj=35.8km s-min=24.9km az=69.0

ISC 15 05:51:40.5+1.0, 6:32S;01:10:142:6E;0.1, h35km, n9, c158/10, mb3.8/4, New Guinea

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

15d 05:00:23.4+2.6, 19:04S;177:73W, h0km, mb4.1/3, mbtmp4.1/3, MS4.2/2, Error ellipse: s-maj=268.7km s-min=33.8km az=160.0, Fiji Islands region

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

15d 05:04:38.5+3.1, 54:50N;87:22E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=25.8km s-min=17.9km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

15d 05:06:05.4+1.4, 32:73S;175:89W, h59km, mb4.9/20, South of Kermadec Islands

15d 05:06:50.0+0.9, 33:56S;17:8W, 1.5, h33km, M4.8/16, M5.2/10, ML5.1/16, MLV5.2/16, Mw(mb)4.6/10, Error ellipse: s-maj=0.0km s-min=0.0km az=108.1, confirmed

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, OBL Observatory Le Rim, UWB Uwekahuna B, etc.

CNRM 15 07:01:18.7, 35.75N, 9.62W, h0km, ML3.3
IGIL 15 07:01:24.4, 36.11N, 9.92W, h7km, ML1.7
INMG 15 07:01:24.4, 1.1, 36.10N, 9.93W, h10km, ML1.9, Error ellipse: s-maj=7.4km s-min=5.1km az=93.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PVFI Vila Bisbo, MORF Marnele, PTEO Sao Teotonio, etc.

IDC 15 07:03:31.6:2.1, 54.48N, 83.75E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=17.6km s-min=10.6km az=166.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 07:15:02.2:3.4, 54.37N, 86.96E, h0km, mbtmp2.8/2, ML2.3/2, Error ellipse: s-maj=29.9km s-min=18.6km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

NEIC 15 07:29:01.5:0.9, 19.41N, 0.01:155.282W, 0.009, h1km, 2km, Error ellipse: s-maj=1.8km s-min=0.9km az=206.0

HVO 15 07:29:00.7:0.8, 19.411N, 0.010:155.272W, 0.009, h1km, 2km, ML2.8/12, ML1.8/29(NEIC), Error ellipse: s-maj=1.8km s-min=0.8km az=219.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BYL Byron's Ledge, OBL Observatory Le Rim, etc.

IDC 15 07:29:33.3:2.5, 19.41N, 155.57W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=49.8km s-min=16.5km az=12.0

NEIC 15 07:29:36.9:1.0, 19.394N, 0.007:155.264W, 0.007, h2km, 2km, Error ellipse: s-maj=1.1km s-min=1.0km az=170.0

HVO 15 07:29:36.1:0.8, 19.400N, 0.008:155.273W, 0.006, h0km, 2km, ML4.0/10, ML3.2/28(NEIC), Error ellipse: s-maj=1.2km s-min=0.7km az=200.0

IDC 15 07:29:36.0:1.1, 19.400N, 0.04:155.26W, 0.03, h5km, n35, 0.584/30, mb3.7/3, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KKO Keanakako'i, BYL Byron's Ledge, etc.

H11N3 WAKE ISLAND Hy 35.60 277 T T 08 13 38.9

H11N2 WAKE ISLAND Hy 35.61 277 T T 08 13 38.3

H11N1 WAKE ISLAND Hy 35.62 277 T T 08 13 40.5

ILAR Eielson Array 45.69 5 P P 07 37 56.0 -1.5

TXAR Lajitas Array 47.71 68 P P 07 38 14.1 +0.1

IDC 15 07:30:20.9:3.7, 53.51N, 87.94E, h0km, mbtmp2.6/2, ML2.4/1, Error ellipse: s-maj=36.4km s-min=19.5km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

NNC 15 07:35:16.5:2.6, 54.49N, 87.57E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=53.4km s-min=15.9km az=166.0, Suspected Mining explosion.

IDC 15 07:35:23.6:2.6, 54.20N, 87.04E, h0km, mbtmp3.2/3, ML2.3/3, Error ellipse: s-maj=23.2km s-min=16.5km az=66.0

ISC 15 07:35:19.4:3.6, 54.4N, 0.2:87.4E, 0.2, h0km, n9, 0.197/9, 6C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, etc.

IDC 15 07:50:00.3:0.3, 53.57N, 87.77E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=24.9km s-min=16.6km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 07:56:07.1:3.3, 53.49N, 87.39E, h0km, mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=31.8km s-min=16.8km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 08:05:03.7:4.1, 53.82N, 86.96E, h0km, mbtmp2.7/2, ML2.6/2, Error ellipse: s-maj=49.4km s-min=21.0km az=78.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 08:05:16.2:3.9, 54.16N, 87.42E, h0km, mbtmp2.7/2, ML1.7/2, Error ellipse: s-maj=35.8km s-min=21.3km az=44.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 08:10:32.4:3.1, 53.64N, 87.99E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=28.5km s-min=17.8km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

IDC 15 08:15:19.9:3.0, 54.22N, 87.27E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=26.4km s-min=18.3km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, MKAR, and CATAC.

CATAC 15 08:16:21.7±0.7, 9:89N-83:45W, h11km, 6km, ML3.3
UCR 15 08:16:21.9±1.1, 9:91N-83:43W, h12km, 2km, MW3.5,
Fault plane solution: N P1:φ±213.34000°, δ±1.03000°,
1.169000°

ISC 15 08:22:01.0, 9:89N-02:83:44W±0:03, h18km, 2km,
n58, c061/69, 15C-12D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAAN, IRES, RVSTA, LCOCO, etc.

L2R2 comp=Z,540nm,1.0s
L2R2 La Lucha 2 0.58 255 i P Pb 08 16 33.1 -0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L2R2, LUPE, ANPA, etc.

ASRS 15 08:30:33.0±0.2, 49°N, 118°56'E, h10km, MLh3, 11.0, Error
ellipse: s-maj=3.7km s-min=1.9km az=137.5, confirmed
SOME 15 08:30:35.6, 48:97N-84:63E, h15km
NNC 15 08:30:37.7±3.1, 48:99N-84:53E, h18km, 14km, mb3.5,
mpV3.2, Error ellipse: s-maj=24.5km s-min=8.0km az=76.0
ISC 15 08:30:37.2±1.3, 48:99N-03:84:53E±0:03, h11km, 12km,
n30, c26/50, 4C-7D, Eastern Kazakhstan

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

MK31 3.4nm, 0.4s, baz=70, slow=11, SNR=20
MK31 6.0nm, 0.4s, baz=47, slow=31, SNR=55

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

MAKZ Makanchi Array 2.67 215 i P Pb 08 17 27.3

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

CATAC 15 08:18:17.6±0.7, 12:21N-87:90W, h13km, 5km, ML3.0
SDNET 15 08:18:18.3±0.7, 12:28N-88:07W, h24km, 3km, ML2.9
ISC 15 08:18:14.3±2.6, 12:12N-0:07-88:04W±0:04, h12km, 16km,
n36, c087/54, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRIN, JUCU, CNCH, L2R2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOM2, POS, TECO, etc.

ASRS 15 08:30:33.0±0.2, 49°N, 118°56'E, h10km, MLh3, 11.0, Error
ellipse: s-maj=3.7km s-min=1.9km az=137.5, confirmed
SOME 15 08:30:35.6, 48:97N-84:63E, h15km
NNC 15 08:30:37.7±3.1, 48:99N-84:53E, h18km, 14km, mb3.5,
mpV3.2, Error ellipse: s-maj=24.5km s-min=8.0km az=76.0
ISC 15 08:30:37.2±1.3, 48:99N-03:84:53E±0:03, h11km, 12km,
n30, c26/50, 4C-7D, Eastern Kazakhstan

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

MK31 3.4nm, 0.4s, baz=70, slow=11, SNR=20
MK31 6.0nm, 0.4s, baz=47, slow=31, SNR=55

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

MAKZ Makanchi Array 2.67 215 i P Pb 08 17 27.3

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

MAKZ Makanchi Array 2.67 215 i P Pb 08 17 27.3

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

CATAC 15 08:18:17.6±0.7, 12:21N-87:90W, h13km, 5km, ML3.0
SDNET 15 08:18:18.3±0.7, 12:28N-88:07W, h24km, 3km, ML2.9
ISC 15 08:18:14.3±2.6, 12:12N-0:07-88:04W±0:04, h12km, 16km,
n36, c087/54, Off coast of central America

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RIM, KKO, OBL, etc.

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

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

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

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

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

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

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

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

NEIC 15 09:02:18.9±1.0, 19:407N-0:007-155:279W±0:004,
h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km
az=176.0
HVO 15 09:02:18.3±1.1, 19:400N-0:007-155:277W±0:003,
h1km, 2km, ML4.0/11, ML3.3/34(NEIC), Error ellipse:
s-maj=1.1km s-min=0.3km az=172.0, Hawaiian Islands

NEIC 15 09:07:41.6±0.9, 30:02N-42:04W, h0km, mb3.9/11,
mbmp3.9/11, MS3.5/30, Error ellipse: s-maj=30.0km
s-min=19.2km az=174.0
NEIC 15 09:07:44.2±1.2, 30:11N-0:1-42:00W±0:1, h10km, 1km,
mb4.5/56, Error ellipse: s-maj=22.0km s-min=18.2km
az=147.0

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

15d 9h

Table of station data for 15d 9h, including columns for station name, coordinates, and status. Includes stations like T35A Sooner Cattle, CLM Collin, BDFB Brasilia, etc.

2018 JUN

Main table of station data for 2018 JUN, including columns for station name, coordinates, and status. Includes stations like BVAR Borovoye Array, KURBB Kurchatov Arra, SIMJ Simiganj, etc.

856

Table of station data for 856, including columns for station name, coordinates, and status. Includes stations like WFTS Wixahatchie, RLO Rose Lookout, FWO3 Ferrin-Whitt, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L26K Log Cabin Wild, M24K Tolsona, SCM Sheep Creek Mo, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like INK Inuvik, E29M Blow River, H22K Ishlatina Cre, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H11S1 WAKE ISLAND Hy 56.97 256, H11S2 WAKE ISLAND Hy 56.98 256, etc.

Table with columns: Station Name, Time Res, ISC, Phase ID, Op, h m s ISC, Time Res, ISC. Includes stations like KTBS Karatobe, CHKK Chushkaly, DGS Degeres, etc.

MEX 15 10:14:59.6, 0.6, 14.10N, 92.83W, h16km, 146km, MD4.1
GOC 15 10:15:00.0, 0.5, 14.36N, 92.62W, h9km, 16km, MD3.9
ISC 15 10:14:56.7, 1.7, 14.24N, 0.06, 92.87W, 0.03, h14km, 10km, n19, c189/33, Near coast of Chiapas

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s ISC, Time Res, ISC. Includes stations like THIG, PATR, CHJU, PAVE, etc.

SJA 15 10:37:31.1, 0.6, 19.91S, 69.20W, h107km, 3km, ML4.2, MW4.1
NEIC 15 10:37:31.9, 2.3, 19.90S, 0.04, 69.17W, 0.08, h95km, 7km, mb4.3/13, ML4.1(GUC), Error ellipse: s-maj=10.8km s-min=5.6km az=82.0

IDC 15 10:37:32.5, 0.9, 20.02S, 68.94W, h104km, 7km, mb3.8/5, mbmp4.3/9, MS3.1/2, Error ellipse: s-maj=24.7km s-min=9.8km az=99.0
VAO 15 10:37:33.6, 0.6, 19.85S, 68.86W, h92km, 5km, mb4.4
GUC 15 10:37:33.0, 0.8, 20.04S, 69.05W, h90km, 4km, ML4.1, ISC 15 10:37:31.6, 0.5, 19.98S, 0.03, 69.19W, 0.05, h104km, 5km, n110, c187/138, mb4.1/4, SC-1D, Northern Chile

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s ISC, Time Res, ISC. Includes stations like G001 Chusmiza, G001 Chusmiza, G001 Chusmiza, etc.

Main table with columns: Station Name, Time Res, ISC, Phase ID, Op, h m s ISC, Time Res, ISC. Includes stations like G001 Chusmiza, TA02 Huaquique, TA02 Huaquique, etc.

Table with columns: Station Name, Time Res, ISC, Phase ID, Op, h m s ISC, Time Res, ISC. Includes stations like ITAB Concordia, ITRB Iturama, NPGB Novo Progresso, etc.

FCIAR 15 10:38:43.0, 77.81N, 7.99E, h10km, station ZF12 has station magnitude of 3.60 station OMEGA has station magnitude of 3.50
DNK 15 10:39:38.8, 1.4, 77.67N, 7.49E, h17km, 26km, ML1.9
KOLA 15 10:39:40.9, 77.83N, 8.59E, h0km, ML2.5, Error ellipse: s-maj=19.5km s-min=13.5km az=40.0, Greenland sea, Kripovich ridge, middle

BER 15 10:39:41.1, 8.7770N, 7.58E, h25km, 20km, mb(P)3.7, ML1.9(GUC), Confirmed Earthquake
ISC 15 10:39:38.4, 1.6, 77.72N, 0.06, 7.34E, 0.05, h33km, 10km, n22, c199/36, Svalbard region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s ISC, Time Res, ISC. Includes stations like BRBA Barentsburg A, BRBA Barentsburg B, BRBB Barentsburg B, etc.

STR 15 10:42:56.4, 1.1, 49°N, 4°W, h0km, MLV1.7/6, Error ellipse: s-maj=0.0km s-min=0.0km az=50.8, preliminary, Germany

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s ISC, Time Res, ISC. Includes stations like BABA Baden-Baden-Ne, BABA Baden-Baden-Ne, BABA Baden-Baden-Ne, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPAZ, ROSB, SAML, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRAC, VES, SMC, R11B, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like H27K, Q23K, EYAK, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Yukon River, Songino Array, Franklin Bluff, Happy Valley, Skwentna, Slope Mountain, Karluk, Mount Spurr, Spurr Chakacha, Cape Douglas, Oil Pt, Chandalar, Bear Paw Mtn, Bananza Creek, Toolik Lake, Manley, Coldfoot, Purkeypile, Castle Rocks, Nanushuk River, Ishlaltina Cre, Styx River, Lake Minchumin, Bettles, Contact Creek, Big Mountain, Bonanza Creek, John River, Farewell, AK, Koktuh Hills, Melozitna Rive, Melozitna Rive, Big River Lodg, Ayikyak River, Telida, White Salmon, White Mountain, Allakaket, Teshekpuk Lake, Novintna River, Kvichak River, Altna River, Altna River, Chignik, Kilauea Creek, Chernabura Isl, Naaghedeneel, Killik River, Killik River, Stony River, Ikpikpuk River, Sinclair Lake, Anotlana, Anotlana, Koliganek Bris, Knifeflade Rid, Poorman, Poorman, Fog Glacier, Nushagak Hills, Nushagak River, Avarat Lake, Avarat Lake, Kokwuk River B, Barrow, Holitna River, Holitna River, Innoko River, Nigu River, Roundabout Mou.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Etiwuk River, Galena City Sc, Meade River, Purcell Mouna, Nishlik Lake, Redstone River, Doin, Iditarod, Timber Creek, Ungalikthiuk R, Shaleruckik Mo, Shaleruckik Mo, Kuna River, Black Hills, Honhosa River, Honhosa River, Ohwah River, Ohwah River, Kwethluk River, Tagagawik, VAMB Dome, False Pass, Lookout Ridge, Tigyuquaiwet M, Kasigluk River, Selawik, Granite Mouna, Wainwright, Anvik River, Kusokwak Cree, Tukpahlearik C, Unalakleet, Kiwalik Mouna, Utukok River, Ungalak Mouna, Kokolik River, Bethel, Bethel, Wolf Creek Mou, Hotham Inlet, Kukka Creek, Unalaska Valle, Koyuk River, Red Dog Mine, DeLong Mounat, Dall Lake, Noatak River, Nanvaranak Lak, Niuluk, Lisburne Hills, Nikolski High, Kusilvak Mount, North Star Dit, Mekoryuk, Arctic Creek, Matsuhiro Arr, Tin City, Saint George I, Saint Paul Isl, Petropavlovsk, Petropavlovsk.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Pauahi, Kane Nui o Ham, Hilina Pali, Mauna Loa, Steam Cracks, North of Pu'u, North of Pu'u, Hot Caves, Jonika Flow, Humu'ula Shep, Moku'aweowe, Kahuku, Kahuku, Alea Permanent, Pohakuloa, Hualalai, Captain Cook, Hawaii Prepara.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Warramunga Arr, Alice Springs, Makani Array, Kurchatov Arr, Borovoye Array.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Bering, Krutoberegovo, Krutoberegovo, Zlenyela, Bezymyanni-Gr, Tumrok, Bezymyanni-Pe, Bezymyannaya, Bezymyanni-We, Klyuchi, Kirishev, Kamenistaya, Tumrok, Kopyto, Kozzyrevsk, Sredinyan, Mys Shipunski, Naitychevo, Smar, Krer, Koryakskii, Uglrov, Avacha, Krok, Koryaka, Koryak, Petropavlovsk, Ganaly, Ganalskiy, Ruskaya, Mutnovka, Gorelyy, Asacha, Khodutka, Kamc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Mont Dzumac, Stephens Creek, Rata Peaks, Warramunga Arr, Alice Springs.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like SBLHI, OBL, UWB, etc.

NEIC 15 12:18:45.0-0.8, 19.413N:0.009-155.277W:0.007, h5km, 1km, Error ellipse: s-maj=2.6km s-min=1.5km az=171.0

HVO 15 12:18:45.3-0.8, 19.415N:0.009-155.269W:0.004, h1km, 5km, ML3.0/38, ML2.6/31 (NEIC), Error ellipse: s-maj=1.3km s-min=0.5km az=181.0, Hawaii Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like HATHI, RIM, UWE, etc.

NOU 15 12:27:36.7, 21.025S:169.66E, h0km, MLV4.2/11, Southeast of Taiyatis Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like MARNC, LIFNC, PINNC, etc.

NEIC 15 13:04:50.1-1.1, 19.370N:0.009-155.253W:0.009, h5km, 1km, ML3.4/44, Error ellipse: s-maj=2.6km s-min=1.9km az=66.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like KNHH, HLP, RSD, etc.

BUI 15 13:18:51.9-0.0, 15.295S:172.99W, h4km, mb5.2/34, mb5.4/18, Ms5.0/12, Ms7.4/6/13

NEIC 15 13:18:53.9, 15.415S:173.00W, h10km

IDC 15 13:18:54.9-4.3, 15.405S:173.02W, h18km, 26km, mb4.8/23, mbmp5=0.25, ML5.0/2, M4.3/55, Error ellipse: s-maj=17.2km s-min=10.5km az=112.0

NEIC 15 13:18:58.3, 15.425S:172.85W, h55km

NEIC 15 13:18:58.3, 15.425S:172.85W, h55km, mb5.2/29, Mw5.5/4.8, Mw5.1/3.4, Error ellipse: s-maj=19.7km s-min=10.2km az=92.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:0.66; M2:1.24; M3:0.57; M4:0.79; M5:0.17; M6:0.94; Fault plane solution: M=1.64000x10^17 NP1:0.224810000, 0.35.350000, -1.57.350000. NP2:0.129.630000, 0.75.350000, -1.57.350000. Principal axes: T:1.6419, Plg24.0000, Azm195.0000; N:-0.0030, Plg32.0000; Azm301.0000; P:-1.6339, Plg49.0000; Azm75.0000;

NEIC 15 13:18:58.3, 15.525S:172.43W, h50km, Moment Tensor Solution. Duration: 2s1 Moment tensor: Scale 10^16Nm; M1:1.12; M2:3.81; M3:2.69; M4:5.97; M5:1.78; M6:6.92; Fault plane solution: M=9.89000x10^16 NP1:0.139.99000, 0.85.78000, -1.69.33000. NP2:0.241.04000, 0.821.08000, -1.168.19000. Principal axes: T:10.2770, Plg37.0000; N:-0.7716, Plg21.0000; Azm318.0000; P:-9.5055, Plg45.0000; Azm71.0000;

MOS 15 13:18:59.0-1.4, 15.255S:172.78W, h57km, mb5.5/16, MS4.6/4, Error ellipse: s-maj=14.8km s-min=9.3km az=97.9

GCMT 15 13:19:04.3-0.1, 15.385S:0.01N:172.69W:0.01, h58km, MW5.4/19, Moment Tensor Solution. s126.c226; s139.c275; Duration: 1s2 Moment tensor: Scale 10^17 Nm; M1:0.68; M2:1.34; M3:0.2; M4:0.65; M5:0.2; M6:0.87; M7:0.2; M8:0.35; M9:0.74; M10:0.2; Best double couple: M=1.66800x10^17 NP1:0.116.00000, 0.874.00000, -1.51.00000. NP2:0.225.00000, 0.41.00000, -1.56.00000. Principal axes: T:1.6680, Plg20.0000; Azm178.0000; N:0.0050, Plg37.0000; Azm284.0000; P:-1.6680, Plg46.0000; Azm66.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 15 13:19:06.3, 16.135S:172.69W, h59km, mb5.3/29, Samoa Islands Region

ISC 15 13:18:58.8-0.3, 15.515S:0.04N:172.73W:0.05, h53km, 2km, h53km; PP-P, n798, 0.1939761, mb5.1/70, MS4.5/66, 46C-38D, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like AFI, NIUE, NIUV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers like TBI, TBI, TBI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KESR, TORO, TORI, TORJ.

RSNC 15 13:35:36.3e-0.7, 2.5s:6.8'0W:1.0, h113km, 12km, M4.5, mb4.8, mb5.0, ML4.0, Mw(MB)4.4

VAO 15 13:35:37.9e-1.9, 2.02S: 77.741W, h84km, mb4.4, IGO 15 13:35:37.1e-0.4, 2.5s:2.8'0W:1.1, h39km, M4.9, 9.30

IDC 15 13:35:38.6e-2.1, 2.06S: 79.98W, h94km, 19km, mb3.6/7, mbmp4.2/13, MS3.3/10, Error ellipse: s-maj=26.0km, s-min=12.6km az=82.0

NEIC 15 13:35:38.9e-2.3, 2.01S: 0.09:79.6W:0.1, h98km, 7km, mb4.4/21, Error ellipse: s-maj=17.4km s-min=11.4km az=67.0

ISC 15 13:35:35.3e-0.7, 2.01S: 0.03:79.98W:0.06, h69km, 6gkm, n162, e1971/173, mb4.4/15, 1D, Near coast of Ecuador

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like AGUAY, GYEB, GYEB, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCIP, JTS, SDV, SDV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ETMB, ETMB, BAUV, BAUV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAML, SAML, LPAZ, LPAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MACA, MACA, PCRV, PCRV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SEIV, SEIV, BBSD, BBSD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOO1, GOO1, CPUP, CPUP.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T50A, T50A, PLCA, PLCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANMO, ANMO, SDCO, SDCO.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCUT, CCUT, MSU, MSU.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WVOR, WVOR, PINE, PINE.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FRB, FRB, Q29M, Q29M.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A36M, A36M, A36M, A36M.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV, ZALV, KURBB, KURBB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIRC, VIRC, LJUB, LJUB.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTJ, PTJ, OBKA, OBKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORI, MORI, SOKA, SOKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIRK, ZIRK, MYKA, MYKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBL, OBL, UWE, UWE.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UWB, UWB, WRHM, WRHM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BYL, BYL, SBLH, SBLH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDHH, SDHH, HATH, HATH.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUA, PUA, HLP, HLP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HLP, HLP, MLH, MLH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLH, MLH, STCH, STCH.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MWH, MWH, KHU, KHU.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBZ, LBZ, FOZ, FOZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRR, WRR, WHZ, WHZ.

NEIC 15 13:47:09.0e-1.1, 19.37N:0.01:155.266W:0.007, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.5km az=6.0

HVO 15 13:47:08.9e-1.0, 19.411N:0.009:155.28W:0.01, h1km, 5km, ML2.9/8, ML2.1/31(NEIC), Error ellipse: s-maj=1.7km s-min=1.2km az=123.0, Hawaiian Islands

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like OBL, UWB, WRHM, etc.

SOME 15 13:57:35.3, 41.32N:72.42E, h5km, KRNET 15 13:57:36.3e-0.1, 41.40N:72.37E, h20km, mb2.8

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB15, PATCX, Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GELI, PSRA, Tayfur-Gelibol, etc.

15d 16h

Table with columns: HOPS, Hopland Field, 1.29 225, Pn, Pn, 15 08 36.2, -1.4, 15 09 23.6, etc.

IDC 15 15:30.2.20.0, 19:04N:155:83W, h0km, mb3.6/3, mbtmp3.6/3, MS4.1/2, Error ellipse: s-maj=42.1, 7km

HVO 15 15:33.2.0.8, 19:399N:0:007:155:269W, 0:009, h0km, 3km, ML3.9/11, ML3.4/37(NEIC), Error ellipse: s-maj=1.3km, s-min=1.0km, az=68.0

NEIC 15 15:15.33.9.1.0, 19:381N:0:010:155:270W, 0:009, h3km, 2km, Error ellipse: s-maj=1.4km, s-min=1.2km, az=170.0

ISC 15 15:15.34.6.1.0, 19:41N:0:004:155:27W, 0:03, h10km, n33, 1980/30, mb3.7/3, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, BYL, Byron's Ledge, 0.01 54, Op, P, 15 15 34.5, -2.1, etc.

IDC 15 15:17:20.9.1.5, 6:60S:143:19E, h0km, mb3.8/2, mbtmp3.6/5, ML3.3/2, MS4.0/3, Error ellipse: s-maj=33.3km, s-min=27.5km, az=97.0, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, PMG, Port Moresby, 4.82 126, Pn, Pn, 15 18 36.3, +1.5, etc.

IDC 15 16:00:06.8.1.8, 6:52S:144:14E, h0km, mb3.8/2, mbtmp3.7/4, ML3.4/2, Error ellipse: s-maj=42.9km, s-min=36.0km, az=70.0, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, WRA, Warramunga Arr, 16.39 215, Pn, Pn, 16 03 58.0, -0.4, etc.

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Table with columns: DZM, Mot Dzumac, 26.51 128, P, P, 16 05 46.3, 0.0, 0.3nm, 0.9s, baz=31, slow=27, SNR=1.4, etc.

ISC 15 16:01:23.9.0.8, 33:12N:46:02E, h4km, 3km, ML2.9, TEH 15 16:01:25.1, 33:15N:46:09E, h10km, ML2.9, ISC 15 16:01:23.7.1.4, 33:13N:0:008:46:04E, h10km, n6, 192/10, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, IBDR, Badra, 0.10 257, Op, P, 16 01 27.0, -1.0, etc.

IDC 15 16:07:31.2.1.1, 2:37S:140:29E, h0km, mb4.1/7, mbtmp4.2/8, ML4.5/2, Error ellipse: s-maj=42.2km, s-min=20.6km, az=86.0, NEIC 15 16:07:38.2.2.0, 2:35S:0:1:139:9E, 0:1, h35km, 2km, mb4.4/16, Error ellipse: s-maj=19.1km, s-min=16.8km, az=138.0

ISC 15 16:07:36.6.0.6, 2:37S:0:07:139:86E, 0:09, h25km, n54, 195/47, mb4.5/13, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, MANU, Manus Island, 7.50 88, Pn, Pn, 16 09 24.5, 0.0, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.8, +0.2, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.8, +0.2, WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.5, -1.2, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.9, +0.5, ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.3, -0.2, etc.

WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.8, +0.2, WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.5, -1.2, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.9, +0.5, ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.3, -0.2, etc.

WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.8, +0.2, WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.5, -1.2, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.9, +0.5, ASOI, Alice Springs, 21.93 195, P, P, 16 12 28.3, -0.2, etc.

WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.8, +0.2, WRA, Warramunga Arr, 18.28 197, P, Pn, 16 11 47.5, -1.2, etc.

CTAO, Charters Tower, 18.68 161, P, Pn, 16 11 52.1, -1.5, 16 12 33.0, FITZ, Fitzroy Crossi, 20.95 221, P, P, 16 12 19.2, +1.4, etc.

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Table with columns: KOUNC, Koumac, New Ca, 9.69 194, Pn, Pn, 16 09 57.8, +2.1, 16 09 23.3, etc.

WRA, Warramunga Arr, 32.40 250, P, P, 16 14 06.3, +0.4, WRA, Warramunga Arr, 32.40 250, P, P, 16 14 06.3, +0.4, etc.

ASAR, Alice Springs, 33.65 244, P, P, 16 14 15.6, -1.2, 16 14 17.7, +0.9, ASAR, Alice Springs, 33.65 244, P, P, 16 14 15.6, -1.2, etc.

MLZ, Mavora Lakes, 34.16 178, P, P, 16 14 18.8, -2.1, 16 14 20.5, MLZ, Mavora Lakes, 34.16 178, P, P, 16 14 18.8, -2.1, etc.

PPT, Papeete, 42.72 104, LR, LR, 16 30 08.2, PPT, Papeete, 42.72 104, LR, LR, 16 30 08.2, etc.

ADK, Adak, 64.35 11, P, P, 16 18 10.0, -1.1, 16 18 22.9, -1.6, etc.

CASY, Casey, 66.68 201, P, P, 16 18 26.3, +0.2, 16 19 07.4, +1.3, CMAR, Chiang Mai Arr, 73.05 293, P, P, 16 19 07.4, +1.3, etc.

KDAP, Kodiak Island, 76.28 21, LR, LR, 16 47 01.1, KDAP, Kodiak Island, 76.28 21, LR, LR, 16 47 01.1, etc.

QSPA, South Pole Qui, 78.90 180, P, P, 16 19 39.2, +0.4, QSPA, South Pole Qui, 78.90 180, P, P, 16 19 39.2, +0.4, etc.

SOMN, Songino Array, 79.31 323, P, P, 16 19 42.4, +1.1, SOMN, Songino Array, 79.31 323, P, P, 16 19 42.4, +1.1, etc.

J18K, Innoko River, 79.44 16, P, P, 16 19 42.4, +0.9, J18K, Innoko River, 79.44 16, P, P, 16 19 42.4, +0.9, etc.

ILAR, Eielson Array, 83.26 18, P, P, 16 20 01.8, +0.1, 16 20 01.7, 0.0, ILAR, Eielson Array, 83.26 18, P, P, 16 20 01.8, +0.1, etc.

M27K, Edge Creek, AK, 83.31 22, P, P, 16 20 04.3, +1.1, 16 20 04.4, M27K, Edge Creek, AK, 83.31 22, P, P, 16 20 04.3, +1.1, etc.

SCRK, Sand Creek, 83.64 20, P, P, 16 20 04.3, +0.4, 16 20 05.2, SCRK, Sand Creek, 83.64 20, P, P, 16 20 04.3, +0.4, etc.

HYT, Haines Junction, 84.04 24, P, P, 16 20 06.6, +0.6, 16 20 07.6, HYT, Haines Junction, 84.04 24, P, P, 16 20 06.6, +0.6, etc.

I26K, Coal Creek Mine, 84.79 19, P, P, 16 20 09.0, -0.5, 16 20 13.7, +0.7, NVAR, Mina Array Bay, 85.31 50, P, P, 16 20 13.7, +0.7, etc.

PFO, Pinyon Flats 0, 85.31 50, P, P, 16 49 30.4, PFO, Pinyon Flats 0, 85.31 50, P, P, 16 49 30.4, etc.

J08A, Circle Bar Ran, 86.72 45, P, P, 16 20 18.2, -1.6, 16 20 21.5, J08A, Circle Bar Ran, 86.72 45, P, P, 16 20 18.2, -1.6, etc.

D27M, Malcolm River, 87.98 16, P, P, 16 20 25.4, +0.2, 16 20 28.2, D27M, Malcolm River, 87.98 16, P, P, 16 20 25.4, +0.2, etc.

INK, Inuvik, 89.64 19, LR, LR, 16 54 08.2, ZALV, Zalesovo Beam, 94.19 324, P, P, 16 20 54.7, +0.4, etc.

MKAR, Makanchi Array, 94.25 317, P, P, 16 20 55.3, +0.5, TXAR, Lajitas Array, 94.99 61, LR, LR, 16 55 54.5, etc.

ESDC, Santa Cruz Islands, 150.38 345, PKPbc, PKPbc, 16 27 28.1, 0.0, DJA 15 16:07:43.4.0.4, 3°N:3°12'8E, h10km, M4.7/13, mb4.9/12, mb5.1/7, MLV4.8/13, MW(mB)4.5/7, IDC 15 16:07:44.6.2.0, 3:05N:128:14E, h65km, 17km, mb4.0/18, mbtmp4.4/21, MS3.3/12, Error ellipse: s-maj=24.9km, s-min=9.6km, az=71.3, NEIC 15 16:07:46.7.1.9, 3:05N:0:07:127:98E, 0:08, h75km, 8km, mb4.6/42, Error ellipse: s-maj=15.0km, s-min=8.0km, az=119.0, ISC 15 16:07:48.4.0.4, 2:99N:0:05:127:95E, 0:07, h100km, n99, 1950/93, mb4.5/44, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TNTI, Ternate, 2.27 195, Op, P, 16 08 22.5, -1.2, etc.

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

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VVDA Vanda, MAW Mawson, C23K C23K, etc.

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAF CAF, ETOR Toréte, EJON La Jonquera, etc.

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NEIC 15 16:22:19.5:0.6, 19'406N:0'008:155'290W:0'009, h1km,3km, Error ellipse: s-maj=1.4km s-min=0.9km az=46.0

HVO 15 16:22:18.9:0.5, 19'416N:0'008:155'285W:0'007, h1km,2km, ML3.1/35, ML2.6/36(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=197.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBL Observatory Le, UWB Uwekahuna, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOKA, MLOA, MWH, KHU, POHA, HUH.

NEIC 15 16:26:08.0 ± 1.2, 4.6S; 0.1 ± 152.4E; 0.1, h71km, 9km, mb4.4/21, Error ellipse: s-maj=20.1km s-min=12.5km az=215.0

IDC 15 16:26:09.8 ± 1.4, 7.3S; 152.45E; h92km, 38km, mb3.7/10, mb1m, 1/11, MS, 3.9 Error ellipse: s-maj=25.2km s-min=23.2km az=162.0

ISC 15 16:26:06.6 ± 0.6, 4.60S; 0.08 ± 152.46E; 0.10, h58km, n42, s130/37, mb4.3/20, MSZ, 1/4, New Britain region

Main table for 15d 17h section, listing station data and seismic event details for various stations like RABUL, PMG, HNR, GUMO, etc.

IDC 15 16:26:22.0 ± 4.3, 6.72S; 129.71E, h124km, 40km, mb3.4/6, mbmp4.0/9, Error ellipse: s-maj=44.0km s-min=17.5km az=63.0

NEIC 15 16:26:28.9 ± 2.4, 7.02S; 0.06 ± 129.27E; 0.08, h171km, 9km, mb4.2/15, Error ellipse: s-maj=11.5km s-min=9.4km az=100.0

DJA 15 16:26:28.6 ± 0.3, 7.3S; 12.9E, h200km, 8km, M4.5/13, mb4.4/11, mb4.6, ML4.7/13, MW/MB4.1/6

ISC 15 16:26:29.5 ± 0.5, 7.04S; 0.06 ± 129.26E; 0.05, h200km, n75, s195/79, mb4.0/12, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI, SOEI, MTN, BATI.

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

NEIC 15 16:26:18.2 ± 0.9, 19.39N; 0.01 ± 155.284W; 0.009, h2km, 1km, Error ellipse: s-maj=1.9km s-min=1.1km az=169.0

HVO 15 16:27:16.6 ± 0.6, 19.414N; 0.010 ± 155.281W; 0.005, h1km, 6km, ML3.3/38, ML2.7/38(NEIC), Error ellipse: s-maj=1.6km s-min=0.4km az=156.0, Hawaiian Islands

Main table for 2018 JUN section, listing station data and seismic event details for various stations like QIS, PSAAO, AS31, etc.

NEIC 15 16:29:18.2 ± 0.9, 19.39N; 0.01 ± 155.284W; 0.009, h2km, 1km, Error ellipse: s-maj=1.9km s-min=1.1km az=169.0

HVO 15 16:27:16.6 ± 0.6, 19.414N; 0.010 ± 155.281W; 0.005, h1km, 6km, ML3.3/38, ML2.7/38(NEIC), Error ellipse: s-maj=1.6km s-min=0.4km az=156.0, Hawaiian Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHU, POHA, HUH, HPAH, MHA.

NEIC 15 16:31:10.1 ± 1.1, 19.43N; 0.07 ± 155.26W; 0.02, h5km, 1km, Error ellipse: s-maj=1.7km s-min=1.5km az=165.0

HVO 15 16:31:09.8 ± 0.8, 19.42N; 0.01 ± 155.262W; 0.009, h1km, 4km, ML3.0/8, ML2.1/15(NEIC), Error ellipse: s-maj=1.9km s-min=1.4km az=170.0, Hawaiian Islands

Main table for 874 section, listing station data and seismic event details for various stations like BYL, HATHI, SBLHI, etc.

DNK 15 16:46:55.2 ± 1.2, 82.11N; 5.52W, h36km, 85km, ML1.2

BER 15 16:46:53.9 ± 1.9, 82.01N; 5.56W, h10km, mb(Pn)3.2, ML1.2(DNK), Confirmed Earthquake, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOR, STKA, STKA, etc.

NEIC 15 17:03:57.5 ± 0.6, 19.40N; 0.01 ± 155.266W; 0.007, h2km, 1km, Error ellipse: s-maj=1.6km s-min=0.9km az=182.0

HVO 15 17:03:57.4 ± 0.7, 19.405N; 0.010 ± 155.264W; 0.007, h0km, 4km, ML2.8/9, ML1.8/29(NEIC), Error ellipse: s-maj=1.4km s-min=1.0km az=179.0, Hawaiian Islands

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

SDHH Sand Hill 0.03 241 P Pg 17 03 59.7 +1.6

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

NEIC 15 17:04:27.8 ± 0.7, 19.403N; 0.010 ± 155.278W; 0.007, h5km, 1km, Error ellipse: s-maj=1.8km s-min=1.7km az=357.0

HVO 15 17:04:27.4 ± 0.7, 19.402N; 0.010 ± 155.273W; 0.005, h1km, 3km, ML4.1/7, ML3.4/30(NEIC), Error ellipse:

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like RIM, BYL, SDHH, UWB, HATHI, SBLHI, WRMH, UWE, PUH, RSD, KNHH, HLP, MLOA, MLOA, MLOA, MLOA, HUH, HPAH, MHA, HMK, KHLH, KPA, DHH, HON.

HVO 15 17:05:17.4.0.8, 19°41'19N, 0°00':155°28'6W, 0°00', h=0km, 3km, ML4.2/2, ML3.5/30(NEIC), Error ellipse: s-maj=1.0km s-min=0.7km az=142.0

NEIC 15 17:05:18.0.1.1, 19.393N, 0.008E, 155°27'0W, 0°00', h5km, 1km, Error ellipse: s-maj=2.5km s-min=1.4km az=88.0, Hawaiian Islands

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like RIM, BYL, SDHH, OBL, HATHI, WRMH, UWB, SBLHI, UWE, PUH, PUH, RSD, KNHH, HLP, MLOA, MLOA, MLOA, MLOA, HUH, HPAH, MHA, HMK, KHLH, KPA, DHH, HON.

NEIC 15 17:07:00.1.1, 19°42'11N, 0°00':155°26'0W, 0°00', h5km, 1km, Error ellipse: s-maj=2.6km s-min=1.4km az=198.0

HVO 15 17:07:00.1.5, 19°41'51N, 0°00':155°28'8W, 0°00', h1km, 3km, ML3.8/10, ML3.2/28(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=221.0, Hawaiian Islands

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like OBL, UWE, UWB, WRMH, SBLHI, RIM, BYL, SDHH, HATHI, KKO, RSD, RSD, PUH, PUH, KNHH, HLP, HLP.

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like HLP, MLH, MLH, STCH, STCH, HMH, HMH, JOKA, JOKA, MLOA, MLOA, PAH, KKH, HPO, HPO, HUH, HPAH, MHA.

NEIC 15 17:07:21.7.0.8, 19°43'N, 0°01':155°26'9W, 0°00', h3km, 1km, Error ellipse: s-maj=1.9km s-min=0.7km az=186.0

HVO 15 17:07:21.4.0.6, 19°41'11N, 0°01':155°27'0W, 0°02', h1km, 6km, ML3.9/4, ML3.1/18(NEIC), Error ellipse: s-maj=2.5km s-min=0.9km az=63.0, Hawaiian Islands

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like BYL, HATHI, KKO, OBL, UWB, RIM, SBLHI, UWE, WRMH, SDHH, RSD, PUH, PUH, KNHH, HLP, MLOA, MLOA, STCH, STCH, STCH, JOKA, JOKA.

IDC 15 17:08:48.1.3.4, 32.95Sx178.41W, h0km, mb3.4/2, mbtmp3.5/3, ML3.0/1, Error ellipse: s-maj=76.5km s-min=38.1km az=114.0, South of Kermadec Islands

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like URZ, URZ, ASAR, WRA, FINES.

IDC 15 17:09:14.3.0.9, 56°36'Sx25°64'W, h0km, mb4.3/6, mbtmp4.3/7, ML4.3/1, MS3.4/9, Error ellipse: s-maj=38.7km s-min=20.3km az=78.0

NEIC 15 17:09:15.7.0.8, 56°42'S, 0°09':25°7'W, 0°2, h1km, 1km, mb4.7/7, Error ellipse: s-maj=24.5km s-min=5.6km az=52.0

ISC 15 17:09:18.5.0.6, 56°40'S, 0°10':25°7'W, 0°1, h29km, n45, 0°93/33, mb4.6/14, MS3.4/3, SC, South Sandwich Islands region

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like HOPE, VNA1, VNA3, VNA2, SNA3, SNA3, SNA3, TROLL, BELA, GO09, TROA, TROA, PLCA, QSPA, QSPA, CPUP, MT09, MT09, MT02, MAW, SUR, CO02, AC05, AC05, BDFB, BOSA, BOSA, LVC.

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like LVC, VNA, VNA, H10S2, H10S3, LBTB, TSUM, H10N1, H10N3, H10N2, LPAZ, LPAZ, LPAZ, CASY, BOAV, BOAV, DBIC, TOAO, TOAO, TORD, TORD, TORD, ASAR, SONM, ILAR.

NEIC 15 17:05:09.1.0, 19°41'6N, 0°00':155°26'0W, 0°00', h4km, 1km, Error ellipse: s-maj=1.3km s-min=1.0km az=169.0

HVO 15 17:09:50.7.0.8, 19°41'51N, 0°00':155°27'5W, 0°00', h1km, 2km, ML3.3/13, ML2.3/30(NEIC), Error ellipse: s-maj=1.1km s-min=0.8km az=189.0, Hawaiian Islands

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like OBL, UWB, SBLHI, HATHI, UWE, KKO, RIM, WRMH, RSD, PUH, PUH, KNHH, HLP, HLP, MLH, MLH, MLH, STCH, STCH, STCH, JCUI, HTCC, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MWH, MWH, MWH, PAH, KKH, HPO, POHA, HUH, KKH, MHA.

IDC 15 17:32:47.6.19.0, 16°15'S, 175°92'W, h220km, 163km, mb3.6/4, mbtmp4.2/4, Error ellipse: s-maj=146.0km s-min=48.4km az=133.0

NEIC 15 17:33:02.0.8, 15.7S, 0°3':176°3'W, 0°2, h373km, 16km, mb4.0/13, Error ellipse: s-maj=39.7km s-min=19.8km az=197.0

ISC 15 17:33:02.8.0.8, 15.7S, 0°2':176°5'W, 0°1, h350km, n23, 0°56/22, mb3.9/10, Fiji Islands region

Table with columns: Code, Station Name, s-maj, s-min, az, Res, Phase ID, Time, Res, ISC. Includes stations like AFI, MSVF, NIUE, COEN, COEN, STKA, STKA, BBOO, BBOO, WB0, WB0, WB2, WRA, WRA, WRA, AS31, ASAR, ASAR, MTN, MTN, FORT, FITZ, PSAO, PSAO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSAA00, MORW, QSPA, ILAR, BRTR.

IDC 15 18:09:56.6.2.1, 43.62N, 105.55W, h0km, mbtpm3.3/2, ML3.1/2, Error ellipse: s-maj=47.9km s-min=10.3km az=151.0

NEIC 15 18:09:57.0.2.8, 43.53N, 105.45W, h0km, 1km, ML3.4/76, Error ellipse: s-maj=9.9km s-min=0.8km az=92.0

ISC 15 18:09:57.2.0.9, 43.52N, 105.37W, h0km, n55, s168.52, Wyoming

Main table of station data for the 15d 19h period, listing various stations and their coordinates and phases.

NEIC 15 18:22:55.0.1.1, 19.416N, 0.010:155.275W, h0km, 2km, Error ellipse: s-maj=1.6km s-min=0.9km az=147.0

HVO 15 18:22:55.0.1.1, 19.416N, 0.010:155.263W, h0km, 3km, ML2.8/10, ML1.8/17(NEIC), Error ellipse: s-maj=2.0km s-min=1.2km az=170.0, Hawaiian Islands

Table of station data for NEIC and HVO events, including stations like BYL, HATHI, KKO, SBLHI, RIM, UWB, OBL, UWEkahuna.

Table of station data for the 2018 JUN period, listing stations like UWE, SDHHI, RSD, PUAHI, KNH, HLP, STCH, NPOC, JOKA, KHU.

NEIC 15 18:23:55.1.0.7, 19.414N, 0.008:155.274W, h0km, 1km, Error ellipse: s-maj=1.2km s-min=1.0km az=196.0

HVO 15 18:23:54.4.0.6, 19.417N, 0.008:155.276W, h1km, 2km, ML3.2/14, ML2.2/32(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=194.0, Hawaiian Islands

Main table of station data for the 2018 JUN period, listing various stations and their coordinates and phases.

NEIC 15 18:25:29.3.0.8, 19.424N, 0.007:155.26W, h5km, 1km, Error ellipse: s-maj=3.3km s-min=1.9km az=85.0

HVO 15 18:25:28.9.0.5, 19.419N, 0.010:155.26W, h2km, 5km, ML2.6/6, ML1.9/24(NEIC), Error ellipse: s-maj=2.0km s-min=1.5km az=59.0, Hawaiian Islands

Main table of station data for the 2018 JUN period, listing various stations and their coordinates and phases.

NEIC 15 18:25:39.0.0.7, 19.400N, 0.010:155.277W, h5km, 1km, Error ellipse: s-maj=4.1km s-min=1.9km az=113.0

HVO 15 18:25:38.5.0.5, 19.400N, 0.010:155.277W, h1km, 6km, ML3.2/9, ML2.0/28(NEIC), Error ellipse: s-maj=2.7km s-min=1.3km az=156.0, Hawaiian Islands

Main table of station data for the 2018 JUN period, listing various stations and their coordinates and phases.

Table of station data for the 2018 JUN period, listing stations like UWE, PUAHI, RSD, KNH, HLP, HLI, STCH, MLH, MLH, HMH, HMH, MLOA, MLOA, MLOA, MWH, KHU, HPAH.

NEIC 15 18:42:07.1.1.0, 19.396N, 0.009:155.273W, h4km, 1km, Error ellipse: s-maj=1.3km s-min=0.9km az=151.0

HVO 15 18:42:06.5.1.1, 19.403N, 0.008:155.268W, h1km, 3km, ML3.6/13, ML2.6/32(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=148.0, Hawaiian Islands

Main table of station data for the 2018 JUN period, listing various stations and their coordinates and phases.

KOLA 15 19:03:04.0.7, 88N, 19.44E, h0km, ML3.2, Error ellipse: s-maj=16.4km s-min=8.3km az=140.0, Storfjorden zone

NAO 15 19:03:06.9.1.2, 76.96N, 18.74E, h1km, 3km, ML3.4

FCIAR 15 19:03:08.0.7, 97N, 19.03E, h10km, station Z1FK has station magnitude of 3.50 station OMEGA has station magnitude of 3.50

BER 15 19:03:09.3.0.7, 98N, 18.83E, h2km, 10km, ML2.9, ML3.4(NAO), Confirmed Earthquake

ISC 15 19:03:07.0.0.8, 77.02N, 0.003:19.27E, h10km, n33, s194.54, Svalbard region

Main table of station data for the 2018 JUN period, listing various stations and their coordinates and phases.

NEIC 15 20:06:31.81,2.8,43.73N,0.02,-105.38W,0.05,h0km,1km, ML3.2/64, Error ellipse: s-maj=7.1km s-min=2.6km az=235.0

IDC 15 20:06:33.5,2.3,43.63N,-105.53W,h0km,mbtmp3.5/2, ML3.1/2, Error ellipse: s-maj=69.8km s-min=9.8km az=151.0

ISC 15 20:06:32.1,1.0,43.70N,0.05,-105.40W,0.06,h0km,n38, a=147/37, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RSDSD Black Hills, K22A Casper, K22A comp=E,449nm,0.3s, etc.

NEIC 15 20:10:09.6,1.2,19.435N,0.009,-155.277W,0.008, h5km,1km, Error ellipse: s-maj=2.3km s-min=1.5km az=160.0

HVO 15 20:10:09.4,0.6,19.399N,0.005,-155.282W,0.008, h1km,3km,ML2.9/15,ML2.1/32(NEIC), Error ellipse: s-maj=1.1km s-min=0.7km az=93.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RIM Rim, KKO Keanakako i, SDHHI Sand Hill, etc.

Table with columns: MLOA, comp=E,412nm,0.7s, IAML, 20 10 26.0. Lists stations like MLOA Moku aweowe, PAWH Pahoa, KHU Kahuku, etc.

IDC 15 20:18:06.9,1.1,13.84N,146.54E,h0km,mb4.0/11, mbtmp4.0/11,MS3.1/6, Error ellipse: s-maj=29.5km s-min=19.0km az=99.0

NEIC 15 20:18:07.5,1.6,13.65N,0.07,-146.52E,0.08,h2km,1km, mb4.7/39, Error ellipse: s-maj=13.2km s-min=7.2km az=125.0

ISC 15 20:18:10.7,0.8,13.7N,0.1,-146.40E,0.08,h2km,n63, a=97/60,mb4.6/31,MS3.0/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, JOW Davao City (W), MJAR Matsushiro Arr, MAJO Matsushiro, etc.

IDC 15 20:24:53.6,3.29,0.5772N,30.07E,h0km, Error ellipse: s-maj=130.5km s-min=98.7km az=101.0, Baltic States-Belarus-Northwest Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like I43RU DUBNA INFRASON, I37NO I37NO, I26DE FREYUNG INFRAS, etc.

NEIC 15 20:28:13.7,0.9,19.43N,0.01,-155.262W,0.006, h5km,2km, Error ellipse: s-maj=1.7km s-min=0.8km az=184.0

HVO 15 20:28:13.4,1.3,19.434N,0.010,-155.256W,0.005, h1km,6km,ML2.5/27,ML2.1/35(NEIC), Error ellipse: s-maj=1.5km s-min=0.6km az=192.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HATHI Halema'uma'u T, SBLHI Steaming Bluff, BYL Byron's Ledge, etc.

NEIC 15 20:51:38.0,0.9,19.378N,0.009,-155.277W,0.007, h1km,4km, Error ellipse: s-maj=1.4km s-min=0.9km az=161.0

HVO 15 20:51:37.4,0.8,19.398N,0.009,-155.273W,0.007, h0km,3km,ML4.0/10,ML3.3/32(NEIC), Error ellipse: s-maj=1.4km s-min=0.9km az=163.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H31M Peel River, ASF Jabal al Asfar, YUK6 Outpost Mouna, BR131 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, M30M Ninto, O29M Mount Kennedy, A36M Sachs Harbour, N30M Aishikuk Lake, HYT Haines Junctio, P29M Windy Craggy, MMAI Mount Meron Ar, N31M Eraburn, O30N Mendenhall, M31M Drury Creek, Y, PLBC Pleasant Camp, WHY Whitehorse, C36M Paulatuk, C36M Paulatuk, R32K Eaglecrest, R33M Jennings River, HFS Hagfors, HFS Hagfors, U33K Whale Pass, U33K Whale Pass, NC405 NORSAR Array S, S34M Telegraph Cree, NB2 NORSAR Subarra, NOA NORSAR Array B, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, YVHS Yhne, YVHS Summit, YKA Yellowknife Ar, DAVOX Davos/Dischmat, B08A Colville Reese, NVAR Mina Array Bea, HRV Adam Dzewonski, IDC 15:20:56:07.4+0.9,36:16N:97.70W, h0km, mb3.8/4, mbmp3.8/10, ML3.4/5, MS3.3/18, Error ellipse: s-maj=14.8km s-min=9.9km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KAN17 comp=N,7um,0.4s, KAN17 comp=N,7um,0.4s, W35A Tecumseh, W35A Tecumseh, CSTR Hydro, Custer, KAN09 Caldwell North, OK038 West end E0370, KAN05 Bluff City Nor, KAN05 Bluff City Nor, KAN05 comp=N,12um,0.2s, KAN05 comp=E,14um,0.2s, KAN01 Argonia South, KAN01 Argonia South, KAN01 comp=Z,2um,1.2s, KAN01 comp=E,7um,0.6s, T35A Sooner Cattle, T35A Sooner Cattle, T35A comp=N,8um,0.8s, T35A comp=E,11um,0.8s, OK035 E0210 Rd and N, KAN06 Argonia West S, KAN06 Argonia West S, KAN08 Anthony Ne Sta, KAN08 Anthony Ne Sta, KAN08 comp=E,10um,0.9s, KAN08 comp=N,6um,0.5s, U32A Winter Ranch, U32A Winter Ranch, U32A comp=E,8um,0.6s, U32A comp=N,7um,0.7s, NOKA Waynoka, NOKA Waynoka, TUL3 Leonard, TUL3 Leonard, TUL3 comp=Z,2um,1.1s, TUL3 Leonard, TUL3 Leonard, X34A Smith Ranch, M, X34A Smith Ranch, M, WMOK Wichita Mounta, WMOK Wichita Mounta, WMOK Wichita Mounta, WMOK Wichita Mounta, RLO Rose Lookout, RLO Rose Lookout, LOOK Love County, LOOK Love County, X37A Clayton, X37A Clayton, WFTS Witchita Falls, WFTS Witchita Falls, SMDW Samnorwood, SMDW Samnorwood, U38A Gravette, U38A Gravette, R32A Long Quarter, R32A Long Quarter, Z35A Perchaven, San, Z35A Perchaven, San, H3AR Hobbs, H3AR Hobbs, FW03 Perrin-Whitt E, FW03 Perrin-Whitt E, FW06 Azle, FW06 Azle, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, CBKS Cedar Bluff, CBKS Cedar Bluff, CBKS Cedar Bluff, FW07 Weatherford, FW07 Weatherford, Z35A Mt Pleasant, Z35A Mt Pleasant, APMT Aspermont, APMT Aspermont, TREL Terrell, TREL Terrell, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, FW16 Waxahatchie, FW16 Waxahatchie, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, FW14 Alvarado, FW14 Alvarado, DKNS Dickens, DKNS Dickens, FW13 Cibola, FW13 Cibola, S39A Cleburne, S39A Cleburne, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, X40A Basin Creek Fa, X40A Basin Creek Fa, SN05 Snyder S, SN05 Snyder S, RTBA Rita Blanca, RTBA Rita Blanca, Z37A Washetta, Mont, Z37A Washetta, Mont, WHAR Woolly Hollow, WHAR Woolly Hollow, WHAR Woolly Hollow, WHAR Woolly Hollow, WLAR White Oak Lake, WLAR White Oak Lake, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, SUSD SUSD, SUSD SUSD, P38A Dawn, P38A Dawn, Z41A Richland Creek, Z41A Richland Creek, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BRDY Brady, BRDY Brady, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, SGCY Sterling City, SGCY Sterling City, LCAR Lake Charles, LCAR Lake Charles, CCAR Cane Creek, CCAR Cane Creek, 435B Jarrell, 435B Jarrell, 435B Jarrell, 435B Jarrell, BGNE Belgrade, BGNE Belgrade, BGNE Belgrade, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, P40A Paris, P40A Paris, P40A Paris, HNVL Huntsville, TX, HNVL Huntsville, TX, T25A Trinidad, T25A Trinidad, T25A Trinidad, ODSA Odessa, ODSA Odessa, PBMO Poplar Bluff, PBMO Poplar Bluff, N38A Joes South For, N38A Joes South For, JCT Junction City, JCT Junction City, JCT Junction City, OZNA Ozona, OZNA Ozona, L34A Svendsen Farm, L34A Svendsen Farm, FVM French Village, FVM French Village, OGNE Ogallala, OGNE Ogallala, GNAR Gosnell, GNAR Gosnell, MET Memphis-Engin, MET Memphis-Engin, HKT Hockley, HKT Hockley, MLDN Muldoon, MLDN Muldoon, CGM3 Grand Deau, CGM3 Grand Deau, MNHN Monahans, MNHN Monahans, LNXT Lenox, LNXT Lenox, HALT Halt, HALT Halt, SDCO Great Sand Dune, SDCO Great Sand Dune, SDCO Great Sand Dune, SDCO Great Sand Dune, HNDO Hondo, HNDO Hondo, SCIA State Center, SCIA State Center, SCIA State Center, Q24A Divide, Q24A Divide, Q24A Divide, Q24A Divide, OXF Oxford, OXF Oxford, OXF Oxford, VBMS Vicksburg, VBMS Vicksburg, EF01 Eagle Ford 01, EF01 Eagle Ford 01, BRIGG Briggsdale, BRIGG Briggsdale, PECS Pecos, PECS Pecos, DRIO Del Rio, DRIO Del Rio, 735A Kennedy, 735A Kennedy, SAND Sanderson, SAND Sanderson, SAND Sanderson, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, L40A Anamosa, L40A Anamosa, HDIL Hope Dale, HDIL Hope Dale, MNTX Cornudas Mount, MNTX Cornudas Mount, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, PHWY Pilot Hill, PHWY Pilot Hill, VHRN Van Horn, VHRN Van Horn, N23A Red Feather La, N23A Red Feather La, N23A Red Feather La, SUSD Miller, SUSD Miller, SUSD Miller, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lemond, Waseca, TXAR Lemond, Waseca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ADOK Arcadia Dam, ADOK Arcadia Dam, OK031 S. Brethren Rd, OK031 S. Brethren Rd, OK052 Battle Ridge R, OK052 Battle Ridge R, OK048 Pawnee Station, OK048 Pawnee Station, CROK Carrier, CROK Carrier, CROK Carrier, CROK Carrier, OKCSW OKLAHOMA CITY, OKCSW OKLAHOMA CITY, QUOK Quay, QUOK Quay, OK051 E035 and S346, OK051 E035 and S346, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, FNO Franklin, FNO Franklin, FNO Franklin, FNO Franklin, DEOK Depew, DEOK Depew, GC02 Grant County #, GC02 Grant County #, OK032 Salt Plains WL, OK032 Salt Plains WL, OK032 Salt Plains WL, OK032 Salt Plains WL, KAN13 South Haven SW, KAN13 South Haven SW, KAN13 South Haven SW, KAN13 South Haven SW, KAN14 Manchester OK, KAN14 Manchester OK, KAN14 Manchester OK, KAN14 Manchester OK, KAN17 Caldwell West, KAN17 Caldwell West

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WFTS Witchita Falls, WFTS Witchita Falls, SMDW Samnorwood, SMDW Samnorwood, U38A Gravette, U38A Gravette, R32A Long Quarter, R32A Long Quarter, Z35A Perchaven, San, Z35A Perchaven, San, H3AR Hobbs, H3AR Hobbs, FW03 Perrin-Whitt E, FW03 Perrin-Whitt E, FW06 Azle, FW06 Azle, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, CBKS Cedar Bluff, CBKS Cedar Bluff, CBKS Cedar Bluff, FW07 Weatherford, FW07 Weatherford, Z35A Mt Pleasant, Z35A Mt Pleasant, APMT Aspermont, APMT Aspermont, TREL Terrell, TREL Terrell, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, FW16 Waxahatchie, FW16 Waxahatchie, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, FW14 Alvarado, FW14 Alvarado, DKNS Dickens, DKNS Dickens, FW13 Cibola, FW13 Cibola, S39A Cleburne, S39A Cleburne, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, X40A Basin Creek Fa, X40A Basin Creek Fa, SN05 Snyder S, SN05 Snyder S, RTBA Rita Blanca, RTBA Rita Blanca, Z37A Washetta, Mont, Z37A Washetta, Mont, WHAR Woolly Hollow, WHAR Woolly Hollow, WHAR Woolly Hollow, WHAR Woolly Hollow, WLAR White Oak Lake, WLAR White Oak Lake, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, SUSD SUSD, SUSD SUSD, P38A Dawn, P38A Dawn, Z41A Richland Creek, Z41A Richland Creek, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, L40A Anamosa, L40A Anamosa, HDIL Hope Dale, HDIL Hope Dale, MNTX Cornudas Mount, MNTX Cornudas Mount, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, PHWY Pilot Hill, PHWY Pilot Hill, VHRN Van Horn, VHRN Van Horn, N23A Red Feather La, N23A Red Feather La, N23A Red Feather La, SUSD Miller, SUSD Miller, SUSD Miller, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lemond, Waseca, TXAR Lemond, Waseca

IDC 15:21:32:20.0,0.6,14.59S;75.20W,h63km,5km,mb3.6/8, mbtmp4.0/12,MS2.9/6,Error ellipse: s-maj=28.5km

s-min=9.2km,az=60.0 NEIC 15:21:32:19.4,1.4,14.67S;0.06;75.4W;0.1,h63km,5km, mb4.1/10,Error ellipse: s-maj=17.2km s-min=7.8km az=79.0

ISC 15:21:32:18.5,0.5,14.73S;0.06;75.36W;0.10,h53km,n62, c1938/57,mb3.8/7,MS3.0/3,Near coast of Peru

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

NEIC 15:21:35:07.3,1.4,19.37N;0.007;155.291W;0.007, h1km,3km,Error ellipse: s-maj=1.1km s-min=0.8km az=215.0

HVO 15:21:35:06.1,0.9,19.413N;0.009;155.286W;0.007, h0km,4km,ML2.6/30,ML2.3/36(NEIC),Error ellipse: s-maj=1.4km s-min=1.0km az=176.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for NEIC and HVO events.

Table with columns: BYL, Byron's Ledge, 0.03, 93, IAML, 21 35 07.0. Lists stations for Byron's Ledge event.

CNRM 15:21:44:57.9,36.41N;7.26W,h58km,ML2.2 SFS 15:21:44:58.2,36.60N;7.12W,h24km,ML2.6/13,ML2.5/11, ML2.1/13

INMG 15:21:44:58.1,4.3,36.64N;7.14W,h16km,3km,ML2.0,Error ellipse: s-maj=4.1km s-min=2.6km az=15.0

MDD 15:21:44:58.4,0.6,36.62N;7.13W,h22km,4km,ML2.0/21, Error ellipse: s-maj=2.9km s-min=2.4km az=23.0

IGLL 15:21:44:59.1,36.63N;7.15W,h18km,ML1.7 ISC 15:21:44:56.5,1.1,36.58N;0.03;7.07W;0.02,h32km,11km, n75,c142/111,3C-7D,Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for CNRM, INMG, MDD, IGLL, and ISC events.

Table with columns: ZHG, ZHG, 3.14, 173, P, Pn, 21 45 44.1 +0.2. Lists stations for ZHG event.

DNK 15:21:47:33.5,1.8,80.87N;2.62W,h0km,14km,ML2.3 BER 15:21:47:36.9,2.4,80.85N;2.75W,h10km,mb(Pn)3.7, ML2.3(DNK),Confirmed Earthquake

FCIAR 15:21:47:40.0,80.55N;2.12W,h10km station ZFI2 has station magnitude of 3.40 station OMEGA has station magnitude of 3.50

ISC 15:21:47:33.1,1.0,80.82N;0.07;2.98W;0.05,h10km,n18, c2841/29,North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for DNK, BER, FCIAR, ISC, and OMEGA events.

NNC 15:21:49:37.5,2.6,38.11N;72.04E,h178km,48km,mb2.8, mbp3.8,Error ellipse: s-maj=28.8km s-min=13.6km az=15.0

ISC 15:21:49:34.0,3.4,37.9N;0.2,71.9E;0.1,h113km,n11, c1832/15,5C-2D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for NNC and ISC events.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AB31 Akbulak array, AB31 1.2nm, 0.6s, bazz=140, slow=24, SNR=5.8, NEIC 15 21:52:33.5-0.6, 36.062N, 0.007:97:566W, 0.008, h5km, 1km, Error ellipse: s-maj=2.7km s-min=1.6km az=220.0, TUL 15 21:52:33.5-0.9, 36.067N, 0.008:97:57W, 0.011, h8km, 3km, ML2.6, mb_Lg2.3, 18(NEIC), ML2.4, 60(NEIC), Error ellipse: s-maj=1.4km s-min=0.6km az=135.0, Oklahoma...

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HVO 15 21:53:10.0-1.1, 19.407N, 0.007:155:284W, 0.009, h1km, 4km, ML3.0/25, ML2.9/38(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=92.0, NEIC 15 21:53:06.3-0.2, 19.43N, 0.01:155:303W, 0.008, h5km, 1km, Error ellipse: s-maj=2.9km s-min=1.8km az=15.0, Hawaiian Islands...

Table with columns: STCH, Steam Cracks, 0.17 106, Pg, 21 53 09.5 -0.3, JCUZ Jacuzzi, 0.20 105, Pg, 21 53 10.3 +0.1, HTC Hot Caves, 0.21 205, Pg, 21 53 11.1 +0.6, HMH Humu'ula Sheep, 0.24 315, Pg, 21 53 11.7 +0.7, HMH comp=E, 2.0m, 0.6s, IAML, 21 53 23.6, HMH comp=N, 3.0m, 0.9s, IAML, 21 53 24.4, MLOA Mauna Loa Obse, 0.28 292, Pg, 21 53 12.1 +0.3, MLOA comp=N, 2.0m, 0.8s, IAML, 21 53 24.9, JOKA Jonika Flow, 0.28 90, Pg, 21 53 11.7 -0.1, MWH Moku'aweowe, 0.28 280, Pg, 21 53 12.2 +0.3, KHU Kahuku, 0.35 238, Pg, 21 53 13.9 +0.7, KHU comp=N, 1.0m, 0.9s, IAML, 21 53 28.8, POHA Pohakuloa, 0.39 326, Pg, 21 53 18.0 -0.8, HUH Hualalai, 0.56 297, Pg, 21 53 18.6 -0.1, HPAH Hawaii Prepara, 0.70 328, Pg, 21 53 23.4 +0.5

BUI 15 21:56:38.5-0.0, 19.11N, 155:73W, h5km, mb4.9/20, mB5.3/9, Ms5.2/17, Ms7.5/0/17, HVO 15 21:56:39.9.1.6, 19.4N, 0.1:155:28W, 0.0:1.0, h0km, 6km, ML4.4/7, mb4.8/73(NEIC), ML3.9/40(NEIC), Mw5.3/17(NEIC), Error ellipse: s-maj=18.7km s-min=13.1km az=195.0, NEIC 15 21:56:40.5-1.9, 19.4N, 0.1:155:4W, 0.1, h7km, 6km, Error ellipse: s-maj=18.8km s-min=15.9km az=203.0, NEIC 15 21:56:40.1, 19:34N:155:34W, h12km, Moment Tensor Solution. Duration: 2s3 Moment tensor: Scale 107Nm; Mn:-1.4; Mw:0.55; Mxx:0.59; Mxy:-0.18; Myx:0.47; Myz:0.44; Fault plane solution: M1:18000x1017 NP1: phi205.23000; phi352.65000; lambda111.43000; NP2: phi209.31000; phi342.10000; lambda64.25000; Principal axes: T 1.0594, Plg6.0000; Azm31.0000; N 0.2334, Plg17.0000; Azm220.0000; P -1.2928, Plg72.0000; Azm59.0000; NEIC 15 21:56:40.1, 19:34N:155:34W, h12km, IDC 15 21:56:40.5-1.5, 19:50N:155:39W, h0km, mb3.9/10, mbmp3.9/10, MS4.5/78, Error ellipse: s-maj=46.9km s-min=27.7km az=164.0, GCMT 15 21:56:46.9-0.1, 19:34N:0.01:155:22W, 0.01, h12km, Mw5.3/154, Moment Tensor Solution. s97, c148; s154, c276. Duration: 1s1 Moment tensor: Scale 107 Nm; Mn:-1.08; Mw:0.60; Mxx:0.01; Mxy:0.48; Myx:0.1; Myz:0.32; Mzz:0.35; 0.01; Mzz:0.2; 0.3; Bc: double couple. M1:0.36000x1017 NP1: phi239.0000; phi853.0000; lambda-80.0000; NP2: phi43.0000; phi338.0000; lambda-103.0000; Principal axes: T 0.9330, Plg7.0000; Azm32.0000; N 0.2100, Plg8.0000; Azm53.0000; P -1.1390, Plg79.0000; Azm189.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UWE Uwekahuna, 0.03 116, Pg, 21 56 40.8 +0.2, WRMH West Rim, 0.04 146, Pg, 21 56 41.5 +1.3, OBL Observatory Le, 0.04 115, Pg, 21 56 40.3 +0.0, UWB Uwekahuna B, 0.04 102, Pg, 21 56 40.7 +0.4, RSD Rainshead, 0.05 53, Pg, 21 56 41.6 +1.1, SBLHI Steaming Bluff, 0.05 97, Pg, 21 56 41.2 +0.8, SDHHI Sand Hill, 0.05 151, Pg, 21 56 42.0 +1.5, HATHI Halema'uma'u T, 0.06 101, Pg, 21 56 41.1 +0.5, RLM Rim, 0.06 131, Pg, 21 56 41.5 +0.8, BYL Byron's Ledge, 0.09 314, Pg, 21 56 41.1 +0.4, MLH Mauna Loa, 0.09 314, Pg, 21 56 42.1 +0.9, MLH comp=N, 3.0m, 0.7s, IAML, 21 56 45.8, PUH Pauahi, 0.11 121, Pg, 21 56 42.6 +0.8, PUL comp=E, 4.5m, 1.5s, IAML, 21 56 43.6, HILHI Hilina Pali, 0.14 176, Pg, 21 56 43.1 +0.9, HLP comp=E, 5.8m, 0.9s, IAML, 21 56 46.0, KHH comp=N, 3.9m, 1.2s, IAML, 21 56 46.2, KNH Kane Nui o Ham, 0.15 111, Pg, 21 56 43.4 +0.9, STCH Steam Cracks, 0.19 105, Pg, 21 56 43.9 +0.8, STCH comp=E, 3.6m, 1.1s, IAML, 21 56 47.3, NPOC North of Pu'u, 0.20 101, Pg, 21 56 44.0 +0.6, HTC Hot Caves, 0.21 201, Pg, 21 56 44.8 +1.3, HMH Humu'ula Sheep, 0.23 318, Pg, 21 56 44.7 +0.7, HMH comp=E, 2.1m, 1.3s, IAML, 21 56 52.0, HMH comp=N, 2.5m, 0.8s, IAML, 21 56 52.9, MLOA Mauna Loa Obse, 0.26 293, Pg, 21 56 46.2 +1.6, MLOA comp=N, 2.0m, 1.2s, IAML, 21 56 55.3, MWH Moku'aweowe, 0.27 281, Pg, 21 56 45.6 +0.9, MWH comp=N, 2.5m, 0.8s, IAML, 21 56 54.1, JOKA Jonika Flow, 0.30 90, Pg, 21 56 45.9 +0.7, JOKA comp=N, 2.5m, 1.8s, IAML, 21 56 52.0, JOKA comp=N, 2.5m, 2.5s, IAML, 21 56 47.1 -1.4, KHU Kahuku, 0.34 236, Pg, 21 56 57.4, KHU comp=E, 1.9m, 2.3s, IAML, 21 56 59.1, PAH Pahoa, 0.36 80, Pg, 21 56 47.5 +1.2, POHA Pohakuloa, 0.38 328, Pg, 21 56 48.3 +1.5, POHA comp=N, 1.7m, 0.9s, IAML, 21 56 59.1, HPAH Hawaii Prepara, 0.41 213, Pg, 21 56 46.8 -0.5, HUH Hualalai, 0.55 297, Pg, 21 55 21.0 -0.6, ISEU HAWAII INFRASOUND, 0.56 286, Pg, 21 56 51.1 -1.2, ISEU bazz=116, slow=37, I, 21 59 54.4, HPAH comp=N, 0.2nm, 1.2s, bazz=107, slow=326, SNR=7.4, I, 21 56 52.9 +0.1, MHA Mahukona, 0.93 324, Pg, 21 56 57.0 -0.3, HLK Halekalela, 1.58 327, Pn, 21 57 07.8 -0.3, KHLH Kahului Airport, 1.79 325, Pn, 21 57 09.8 -1.8, KPA Kalaupapa, 2.34 318, Pn, 21 57 17.2 -2.1, DHH Diamond Head, 2.95 306, Pn, 21 57 27.6 -0.1, HON Honolulu, 3.14 307, Pn, 21 57 28.3 -1.9, KIP Kipapa, 3.21 309, Pn, 21 57 29.6 -1.6, KEKH Kekaha, 4.83 302, Pn, 21 57 51.8 -1.6, XMAS Kiritimati, 17.41 167, P, 22 00 43.6 -0.2, KMRM Mali Ridge, 34.09 46, P, 22 03 25.7 -0.1, YBH Yreka Blue Hor, 35.48 14, LR, 22 14 47.5, NVAR comp=N, 4.95nm, 18.1s, bazz=255, slow=31, P, 22 03 54.6 +1.8, NVAR comp=N, 0.7nm, 0.8s, bazz=236, slow=9.1, SNR=5.1, I, 22 16 05.5, PPT Papeete, 37.20 171, LR, 22 15 26.1, PFO comp=N, 1.0m, 2.0s, bazz=358, slow=30, LR, 22 16 35.5, PFO comp=N, 6.84nm, 18.7s, bazz=250, slow=32, LR, 22 16 35.5, WCT Wildcat Mounta, 37.95 55, P, 22 03 58.4 -0.6, KDIK Kodiak Island, 38.35 2, LR, 22 15 58.3, BBB comp=N, 1.0m, 2.0s, bazz=205, slow=30, LR, 22 16 48.6, BBB comp=N, 2.98nm, 18.3s, bazz=214, slow=31, LR, 22 18 25.8, ELK Elko, 40.21 49, LR, 22 16 54.5, RAR comp=N, 3.97nm, 18.2s, bazz=254, slow=32, LR, 22 16 54.5, RAR comp=N, 40.63 196, LR, 22 17 55.2, SHEM Shemya Is, Ala, 40.83 332, LR, 22 17 16.0, LPIG La Perouse, 41.93 75, LR, 22 19 02.5, NEW Newport, 42.13 38, LR, 22 19 02.5, DLBC Dease Lake, 43.11 19, LR, 22 18 42.8

Table with columns: M26K Nabesna, AK, 43.77 8, P, 22 04 45.0 -1.6, M27K Edge Creek, AK, 43.89 9, P, 22 04 46.2 -1.4, J18K Innok River, 44.01 359, P, 22 04 47.9 -0.5, FXWV Fox Creek, 44.12 47, P, 22 04 50.1 +0.2, TPAW Teton Pass, 44.13 47, P, 22 04 50.8, TPAW comp=N, 1.6nm, 1.4s, Iamb, Iamb, 22 04 54.8, REDW Red Top Meadow, 44.15 47, P, 22 04 50.8 +0.6, KTH Kanitshina Hill, 44.19 3, P, 22 04 54.5 -0.3, KTH comp=N, 2.16nm, 0.8s, Iamb, Iamb, 22 04 53.5, M29M Somme Creek, 44.53 11, P, 22 04 53.2 -0.5, B27K Beaver Creek, 44.57 9, P, 22 04 51.6 -1.4, L2AR Beaver Creek A, 44.58 9, P, 22 04 52.7 -0.3, PDAR Pinedale Array, 44.88 48, P, 22 04 56.9 +0.9, PDAR comp=N, 2.1, 0.8nm, 1.0s, bazz=256, slow=4.4, SNR=9.8, LR, LR, 22 20 41.0, PDAR comp=N, 2.10nm, 19.8s, bazz=267, slow=32, Iamb, Iamb, 22 20 41.0, SCRK Sand Creek, 45.17 7, P, 22 04 57.5 -0.3, SCRK comp=N, 2.22nm, 1.7s, Iamb, Iamb, 22 05 03.2, WRH Wood River Hill, 45.27 4, P, 22 04 58.2 -0.3, WRH comp=N, 2.17nm, 1.3s, Iamb, Iamb, 22 05 00.7, HDA Harding Lake, 45.30 5, P, 22 04 59.1 +0.4, HDA comp=N, 1.6nm, 1.5s, Iamb, Iamb, 22 05 00.8, NEA2 Nenana, 45.33 4, P, 22 04 58.8 -0.1, NEA2 comp=N, 1.5nm, 1.5s, Iamb, Iamb, 22 05 09.4, CCB Clear Creek Bu, 45.47 5, P, 22 04 59.7 -0.3, J25K Satcha River, 45.64 6, P, 22 05 01.6 +0.1, J25K comp=N, 2.22nm, 1.6s, Iamb, Iamb, 22 05 03.7, IL31 Eielson Array, 45.66 5, P, 22 05 01.7 +0.2, ILAR Eielson Array, 45.66 5, P, 22 05 01.3 -0.3, ILAR comp=N, 2.1, 5nm, 0.9s, bazz=191, slow=6.5, SNR=10.0, LR, LR, 22 21 04.7, MLY Albuquerque, 45.67 3, P, 22 05 01.9 +0.2, ANMO Albuquerque, 45.68 60, P, 22 05 02.5 0.0, ANMO comp=N, 2.14nm, 1.9s, Iamb, Iamb, 22 05 06.7, ANMO Albuquerque, 45.68 60, LR, 22 22 00.5, J26L Joseph Creek, 45.73 7, P, 22 05 01.9 -0.3, MDM Murphy Dome, 45.74 4, P, 22 05 02.1 -0.2, I23K Minto, Yukon-K, 45.86 4, P, 22 05 02.6 -0.5, I23K comp=N, 1.3nm, 1.3s, Iamb, Iamb, 22 05 03.9, DAWY Dawson, 45.89 10, P, 22 05 03.3 -0.1, SMCO Snowmass, 45.92 54, P, 22 05 03.2 -1.3, SMCO comp=N, 2.94nm, 1.5s, Iamb, Iamb, 22 05 10.5, H19K Roundabout Mou, 46.08 359, P, 22 05 05.4 +0.6, EGAK Eagle, 46.30 8, P, 22 05 06.7 +0.1, EGAK comp=N, 2.67nm, 1.0s, Iamb, Iamb, 22 05 12.5, EGMT Eagleton, 46.48 41, P, 22 05 07.8 -0.6, EGMT comp=N, 2.17nm, 1.5s, Iamb, Iamb, 22 05 12.2, PRP Porcupine Dome, 46.51 6, P, 22 05 08.6 +0.2, PRP comp=N, 2.18nm, 1.6s, Iamb, Iamb, 22 05 22.3, H23K Yukon River, 46.52 3, P, 22 05 07.7 -0.7, VHRN Van Horn, 46.62 66, P, 22 05 08.7 -1.1, VHRN comp=N, 2.77nm, 1.2s, Iamb, Iamb, 22 05 12.5, F15K North Star Dit, 46.66 355, P, 22 05 08.7 -0.7, G19K Purcell Mounta, 46.70 359, P, 22 05 09.2 +0.5, G19K comp=N, 2.14nm, 1.6s, Iamb, Iamb, 22 05 22.9, SDCO Great Sand Dun, 46.82 56, P, 22 05 11.2 -0.3, J30M Hart River, 46.88 11, P, 22 05 11.5 +0.2, K22A Casper, 47.01 49, P, 22 05 13.0 +0.3, N23A Red Feather La, 47.04 52, P, 22 05 13.0 -0.1, I29M Ogilvie Camp, 47.20 10, P, 22 05 14.9 +0.7, I29M comp=N, 2.60nm, 0.6s, Iamb, Iamb, 22 06 26.6, Q24A Divide, 47.28 55, P, 22 05 15.0 -0.1, Q24A comp=N, 2.57nm, 0.8s, Iamb, Iamb, 22 06 49.8, G23K Bananza Creek, 47.38 3, P, 22 05 15.4 +0.3, G23K comp=N, 2.13nm, 1.6s, Iamb, Iamb, 22 05 16.1, F19K Shaluckik Mo, 47.41 359, P, 22 05 16.8 +1.6, F19K comp=N, 2.92nm, 1.4s, Iamb, Iamb, 22 05 15.7 -0.1, I30M Mount Dempster, 47.46 11, P, 22 05 15.9 -0.1, I30M comp=N, 2.60nm, 1.0s, Iamb, Iamb, 22 05 18.9, TX31 Lajitas Ar. Si, 47.74 68, P, 22 05 19.8 +0.3, TX31 comp=N, 2.71nm, 1.1s, Iamb, Iamb, 22 05 23.2, TXAR Lajitas Array, 47.74 68, P, 22 05 17.9 -0.7, TXAR Lajitas Array, 47.74 68, P, 22 05 20.0 +1.4, TXAR comp=N, 2.8nm, 0.9s, bazz=256, slow=6.2, SNR=17, LR, LR, 22 21 21.5, TXAR comp=N, 2.25nm, 2.0s, bazz=214, slow=31, Iamb, Iamb, 22 21 21.5, F21K Alatna River, 47.79 1, P, 22 05 18.5 +0.3, F21K comp=N, 2.16nm, 1.5s, Iamb, Iamb, 22 05 34.2, COLD Coldfoot, 47.89 3, P, 22 05 18.6 -0.4, COLD comp=N, 2.11nm, 1.6s, Iamb, Iamb, 22 05 23.9, H29M Whitestone, 48.06 9, P, 22 05 20.0 -0.3, E18K Tukpaleark C, 48.09 357, P, 22 05 19.6 -0.9, ODSA Odesa, 48.74 64, P, 22 05 26.3 +0.1, ODSA comp=N, 2.10nm, 0.8s, Iamb, Iamb, 22 05 25.1 -0.6, G29M Pine Creek, 48.76 9, P, 22 05 26.1 -0.1, E24K Your Creek, 48.81 48, P, 22 05 26.3 +0.4, RSSD Black Hills, 49.12 3, P, 22 05 30.5, F28M Old Crow, 49.16 8, P, 22 05 28.3 -0.5, F28M comp=N, 1.6nm, 1.6s, Iamb, Iamb, 22 05 42.9, KSCO Kaye Shedlock, 49.23 55, P, 22 05 30.6 +0.6, PETK Petropavlovsk, 49.31 324, LR, 22 23 31.8, PETK comp=N, 9.18nm, 20.3s, bazz=112, slow=33, LR, LR, 22 23 31.0, TOLK Toolik Lake Re, 49.33 3, P, 22 05 30.1 0.0, TOLK comp=N, 2.20nm, 1.8s, Iamb, Iamb, 22 05 37.1, G31M Satah River, 49.37 11, P, 22 05 30.8 +0.4, E27K Coleen River, 49.50 7, P, 22 05 31.6 +0.2, DGM7 Dagmar, 50.13 42, P, 22 05 36.0 -0.5, DGM7 comp=N, 8.87nm, 0.9s, Iamb, Iamb, 22 05 40.0, E28M Babbage River, 50.14 7, P, 22 05 35.9 -0.4, E28M comp=N, 2.11nm, 1.4s, Iamb, Iamb, 22 05 50.2, E29M Blower River, 50.15 8, P, 22 05 36.3 0.0, E29M comp=N, 1.8nm, 1.9s, Iamb, Iamb, 22 05 40.2, DKNS Dickens, 50.16 62, P, 22 05 36.2 -0.8, D25K Kavik River, 50.19 4, P, 22 05 36.7 +0.1, D25K comp=N, 3.37nm, 2.0s, Iamb, Iamb, 22 05 50.5, DRIO Del Rio, 50.48 68, P, 22 05 37.8 -1.0, C23K Itkillik River, 50.58 2, P, 22 05 38.8 0.0, DZM Malcov River, 50.59 7, P, 22 05 40.2 +0.5, INK Inuvik, 50.74 10, LR, 22 05 40.0, INK comp=N, 2.78nm, 1.1s, LR, LR, 22 23 20.5, SMWD Samnorwood, 50.78 60, Iamb, Iamb, 22 05 41.1 -0.6, YKA Yellowknife Ar, 51.31 23, P, 22 05 45.6 +0.5, YKA comp=N, 2.1, 1nm, 1.0s, bazz=236, slow=7.9, SNR=6.3, LR, LR, 22 24 33.4, RAO Raoul Island, 53.09 205, LR, 22 24 37.5, RAO comp=N, 1.9nm, 2.1s, bazz=185, slow=32, LR, LR, 22 24 37.5, MA2 Magadan, 55.42 330, LR, 22 25 42.3, MA2 comp=N, 9.78nm, 21.8s, bazz=115, slow=32, LR, LR, 22 25 42.3, DZM Mont Dzumac, 55.66 224, LR, 22 26 38.7

Table of station data for the left column, including station names like ULM, ASAJ, CMIG, R40A, GUMO, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like GTA, BORG, CD2, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like KAIM, KAIM, RSO, etc., and their associated coordinates and parameters.

IDC 15 22:25:10.6:1.9, 32.06N, 105.04E, h0km, mb3.3/2, mltmp=3.5/3, ML4.1, Error ellipse: s-maj=79.4km

Code Station Name Az AzZ Phase ID h m s Res ISC

Table listing station codes and names for the IDC event, such as CMAR, MKAR, WRA, etc.

NEIC 15 22:20:22.4:2.0, 55.69N, 0.09:149.3W:0.1, h8km, 7km, ML3.6/36, ML3.3/(AEIC), Error ellipse: s-maj=13.7km

AEIC 15 22:20:26.8:1.9, 55.69N, 0.08:149.3W:0.1, h5km, 5km, Error ellipse: s-maj=12.8km s-min=8.0km az=148.0

ISC 15 22:30:22.9:1.7, 55.8N, 0.1:149.35W:0.07, h10km, n142, 0.091/145, Gulf of Alaska

Table listing station codes and names for the NEIC and ISC events, such as OHAK, KDKA, SII, etc.

IDC 15 22:46:56.5:65.0, 21.92S:178.91W, h0km, mb4.0/3, mltmp=4.0/3, Error ellipse: s-maj=181.0km

s-min=163.6km az=85.0, Fiji Islands region

Table listing station codes and names for the IDC event in the Fiji Islands region, such as STKA, ASAR, etc.

16d 1h

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like TULM Tulcan-Chalpat, BONI La Bonita, CUMBAL Cumbal, etc.

VAO 16:01:00:56.2:0.9,31.42S:69.35W,h10km,mb4.5
NEIC 16:01:01:08.0:1.4,31.27S:0.05:68.94W,0.06,h110km,4km,
mb4/64,Error ellipse: s-maj=8.9km s-min=6.4km
az=46.0

SJA 16:01:01:07.4:0.8,31.23S:68.95W,h108km,2km,ML4.2,
MW4.2

IDC 16:01:01:08.0:0.6,31.24S:68.97W,h112km,4km,mb3.9/11,
mbmp4.2/14,MS3.0/2,Error ellipse: s-maj=18.1km
s-min=13.2km az=87.0

ISC 16:01:01:07.0:5,31.27S:68.94W,0.04,h111km,4km,
n165,0.1552/192,mb4.5/30,2D,San Juan Province

Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like DOCA Reserva Natura, ZON Zonda, RTLL Cerro Villicun, etc.

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Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like H03N2 Juan Fernandez, HQ3A Torquist, TICA Tres Iletas, etc.

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Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like NVAR Mina Array Bea, ULM Lac du Bonnet, PLID Keskin Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ETL Fush Village, NNTY Taoyuan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHNS Tsauling, CHKH Chenggong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SKR Severo-Kuril's, KDR Khodutka, etc.

SSNC 16 01:54:01.4-1.6, 18°16'N; 76°68'W, h7km, 13km, MD3.0, ML1.6
JSN 16 01:54:01.9-0.3, 18°13'N; 76°72'W, h12km, 6km, MD2.8
ISC 16 01:54:00.1-0.9, 18°21'N; 0°04'76.68W±0.06, h18km, n13,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GWJ Greenwich, STH Stony Hill, etc.

az=87.0
JMA 16 02:09:10.1-0.2, 35°44'N; 0°4'140'3E; 0°8, h26km, 1km, MD4.4/20, MW4.4/20, KUJUKURI COAST BOSO PEN
JMA Felt IV J1 at KUJUKURI COAST BOSO PEN
NIED 16 02:09:10.1, 35°35'N; 140°32'E, h26km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mr:1.87; Ms:-1.77; Mss:-0.11; Ms3:1.4; Ms5:-1.77; Ms5:2.51; Fault plane solution: Mo:4.55000x1015 NP1:0.52, 000000°, 876, 00000°, 1.84, 00000°. NP2:0.258, 000000°, 315, 000000°, 115, 000000°

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KTR Katsura, JKUC kamogawauchiur, etc.

Table with columns for station name, coordinates, and time/residuals. Includes stations like H03N1, LPAZ, LVC.

Table for SKO 16:02:11.36,2,40,95N,23.54E, h3km, 3C-1D, Greece. Columns include Code, Station Name, Az, Phase, ID, Time, Res.

IDC 16:02:16:36.3,2,4,35,30N:140.87E, h0km, mb3.6/4, mbtmp3.6/6, ML3.4/2, Error ellipse: s-maj=64.4km...

Large table listing station data for the first half of the page, including stations like KTR, JKCUC, JCN, BS04, etc.

IDC 16:02:21:04.4,1.2,31,37S:68.06W, h0km, mb3.7/2, mbtmp3.6/5, ML3.7/3, MS3.1/4, Error ellipse: s-maj=48.9km...

NEIC 16:02:21:08.7,2.4,31,40S:0.05:67.82W, h0km, h12km, 5km, mb4.3/7, Error ellipse: s-maj=8.0km...

IDC 16:02:21:06.5,1.1,31,27S:0.02:67.85W, h9km, 7km, n95, s190/127, mb4.3/5, San Juan Province

Table listing station data for the second half of the page, including stations like RTLL, SJA, AVFE, ZON, etc.

Main table listing station data for the second half of the page, including stations like Tanti, TCA, BOcatoma Ro, etc.

Fault plane solution: M=2.14000x10^15 NP1:phi:53.0000°, 384.00000°, lambda:83.00000°. NP2:phi:283.00000°, 69.00000°, lambda:140.00000°.

NEIC 16:02:22:33.0,2.1,35,24N:0.05:140.48E:0.07, h29km, 6km, mb4.4/2, Error ellipse: s-maj=9.0km...

JMA 16:02:22:33.0,0.2,35,4N:0.4:140.3E:0.8, h26km, 2km, MD4.2/20, MV3.9/20, KUJUKURI COAST BOSO PEN.

JMA Feil III JI at KUJUKURI COAST BOSO PEN. ISC 16:02:22:33.0,0.7,35,27N:0.03:140.32E:0.04, h28km, 4km, n95, s190/77, mb4.0/22, MS3.3/6, BD, Near east coast of eastern Honshu

Table listing station data for the second half of the page, including stations like KTR, JKCUC, JCN, BS04, etc.

IDC 16:02:22:29.2,0.7,35,20N:140.21E, h0km, mb3.8/15, mbtmp3.8/18, ML3.4/3, MS3.4/12, Error ellipse: s-maj=19.7km...

NEID 16:02:22:33.0, 0.35:35N:140:33E, h26km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn=0.02; Mw=0.49; Ms=0.51; Ml=1.74; Mm=0.77; Mr=1.15;

16d 2h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like C23K, BVAR, ILAR, BMAR, etc.

IDC 16 02:34:57.911.0,45:96N,152:97E,h0km,mb3.8/6, mblmp3.8/7,ML2.2/1,MS2.4/1, Error ellipse: s-maj=24.7km s-min=43.8km az=148.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KUR, SHO, YUT, NMR, etc.

SJA 16 02:37:36.9-0.8,22:83Sx68:38W,h109km,4km,ML3.4, MW3.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like AF01, LVC, NOA, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like PATCX, PB14, PB02, etc.

IDC 16 02:50:34.01.3,35:32N,140:38E,h0km,mb3.5/5, mblmp3.5/7,ML3.3/2,MS2.6/3, Error ellipse: s-maj=36.6km s-min=20.1km az=76.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KTR, JCN, JKUC, etc.

GUC 16 02:37:37.1-0.8,22:83S,68:42W,h113km,4km,ML3.7, ISC 16 02:37:38.8-1.3,22:83S,68:41W,0.04,h105km,8km, n29,r128/47,3C-2D,Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like WRA, ASAR, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like ATAH, PB09, TBGT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BILL Bilibino, YKA Yellowknife Ar, B08A Colville Reser, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SSPA Standing Stone, KSRS Korea Array, ARCES ARCESS Array B, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LANS Liptovska Anna, GERES GERESS Array S, MORS Morshin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like CLCO Concord Point, CLCO Okmok Cone E, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like M14K Bethel, O16K Kokwok River B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes entries like CONA Conrad Observa, MOA Molin, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like I28M Miner Creek, O30N Mendenhall, etc.

16d 3h

Table with columns: Code, Station Name, Azimuth (A), Azimuth (Z), Phase ID, ISC, Time (h:m:s), Res (ISC), and various numerical values. Includes entries for Sonseca Array, Alice Springs, South Pole Qui, and various regional stations like Marand, Azarshahr, Maku, etc.

16C 03:23:30.5:0.4, 16:16Sx:177:73W, h0km, mb4.8/27, mbtmp4.9/30, ML3.3/2, MS5.5/60, Error ellipse: s-maj=16.3km s-min=13.7km az=101.0

16C 03:23:31.7:1.3, 16:28Sx:177:59W, h10km, mb5.8/31, MS5.8/71, MS7.5/670, Error ellipse: s-maj=16.3km s-min=13.7km az=101.0

Table with columns: Code, Station Name, Azimuth (A), Azimuth (Z), Phase ID, ISC, Time (h:m:s), Res (ISC), and various numerical values. Includes entries for Nonsavu, Afifamalu, Niue, Raoul Island, and various regional stations like Marand, Azarshahr, etc.

2018 JUN

Main table with columns: DZM, MONT, DZUM, etc., Station Name, Azimuth (A), Azimuth (Z), Phase ID, ISC, Time (h:m:s), Res (ISC), and various numerical values. Includes entries for Mont Dzumac, Ouen Toro, Port Laguerre, Rarotonga, etc.

896

Table with columns: CORO, INKA, STKA, etc., Station Name, Azimuth (A), Azimuth (Z), Phase ID, ISC, Time (h:m:s), Res (ISC), and various numerical values. Includes entries for Coronation Park, Inmanki, Stephens Creek, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NVAR, SHOC, TUOC, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BNX, PRN, K15K, WISH, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KAIM, CCUT, SPR3, GLI, SKT, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like VRDI, BKNI, N25K, F14K, G16K, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like M26K, M26K, M26K, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like WHY, WHY, WHY, etc.

16d 3h

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like GYA, FWXY, PRP, etc.

2018 JUN

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like D20K, C19K, B18K, etc.

900

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like CMIG, G29M, JCT, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like F31M, LAO, LLO5, D28M, etc.

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

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like JFWS, IMBA, HDIL, etc.

Table with columns: Team, Score, Date, and other details. Includes teams like Sunbury, Santo Domingo, Makanchi Array, etc.

Table with columns: Team, Score, Date, and other details. Includes teams like Belgologoye, Valaam, FINESS Array B, etc.

Table with columns: Team, Score, Date, and other details. Includes teams like Plostina, Postina, Berggiesshubel, etc.

Table with columns for code, station name, frequency, and other details. Includes entries like DOU Dourbes, GECZ GERESS Array, GERE GERES Array, etc.

Table with columns for code, station name, frequency, and other details. Includes entries like THL Klokotos Trika, DION Kipouris, KPRO Kipouris, etc.

Table with columns for code, station name, frequency, and other details. Includes entries like H10S2 ASCENSION HYDR6, K30B Basset, MISTX Muleshoe, etc.

16d 6h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like IKP, BFSC, NJ2, etc.

2018 JUN

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like N15K, O17K, MNTX, etc.

906

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like BRZS, IUG, IUG, etc.

ISC 16 07:41:22.5,0.6,6.84N,0.08,124.0E,0.1,h550km,n40, c1f05/39,mb4.2/19, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MYLDM Lahad Datu, TOLIZ Tolitoli, LUWU Luwuk, etc.

IDC 16 07:47:58.0,1.7,1.07N,111.39E,h0km,mb3.8/7, mbmp3.8/7,MS3.8/2, Error ellipse: s-maj=127.0km s-min=20.1km az=56.0

DJA 16 07:47:59.5,0.5,1.1N,3.11E,h10km,M3.8/4,MLV3.8/4 ISC 16 07:47:59.6,0.9,1.13N,0.07,111.5E,0.3,h10km,n10, c0f75/9,mb3.8/7, Borneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like STKI Sintang, CMAR Chiang Mai Arr, WRA Warrunganga Arr, etc.

SJA 16 07:50:24.1,0.6,22.53S,66.18W,h279km,z7km,ML3.7, MW3.4

ISC 16 07:50:24.8,2.4,22.63S,66.66,24W,0.07, h266km,17km,n21,c1f59/39,3C,Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YJA Yavi, AZAP Zapla, ALVC LOMAS DE OLMEDO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like G002 Chusmiza, G001 Punta Patache, G001 IPOC Station P, etc.

IDC 16 07:50:37.6,0.8,3.06S,139.82E,h0km,mb4.5/12, mbmp4.5/13,ML4.3/1,MS3.6/16, Error ellipse: s-maj=40.5km s-min=15.7km az=76.0

NEIC 16 07:50:43.9,1.5,3.29S,0.1,139.6E,0.1,h35km,2km, mb4.7/34, Error ellipse: s-maj=20.3km s-min=14.6km az=44.0

DJA 16 07:50:44.6,0.7,3.3S,4.14E,h30km,8km,ML4.9/10, mB5.0,2,mb4.7/10,MLV5.0/5,Mw(mB)4.3/2

ISC 16 07:50:43.6,0.4,3.27S,0.05,139.69E,0.07,h35km,n86, c1f65/78,mb4.6/32,MS3.6/14,4C-2D,Irian Jaya

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

IDC 16 07:58:30.9,1.6,2.38S,140.00E,h0km,mb3.6/3, mbmt3.6/4,ML3.6/1, Error ellipse: s-maj=68.2km s-min=27.6km az=96.0, Near north coast of Irian Jaya

ISC 16 08:31:58.9,0.3,24.1N,122.65E,h18km,ML3.1,C JMA 16 08:31:59.0,0.3,24.1N,122.6E,0.5,h18km,3km, MV2.4/13,NW OFF ISHIGAKUJIMA IS

ISC 16 08:31:58.5,0.1,23.94N,102.122,61E,0.02,h23km,13km, n98,c0f86/187,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EIDS Eidsvold, MBWA Marble Bar, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KSH Nilore, ZALV Zalesovo Beam, BOOM Boomskeusche, etc.

IDC 16 08:31:58.9,0.3,24.1N,122.65E,h18km,ML3.1,C JMA 16 08:31:59.0,0.3,24.1N,122.6E,0.5,h18km,3km, MV2.4/13,NW OFF ISHIGAKUJIMA IS

ISC 16 08:31:58.5,0.1,23.94N,102.122,61E,0.02,h23km,13km, n98,c0f86/187,Taiwan region

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

NDS	Dongshan	1.07 310	iP	Pb	08 32 18.6 +0.3
NDS	baz=307		eS	Sb	08 32 32.2 +0.4
ESL	Shilin	1.09 263	iP	Pn	08 32 16.9 -1.4
ESL	baz=251		S	Sn	08 32 30.7 -2.0
IRIF	Iriomote-Funau	1.09 69	P	Sb	08 32 19.1 +0.4
IRIF			S	Pb	08 32 33.6 +1.1
HATJ	Hateruma jima	1.10 84	eP	Pb	08 32 19.6 +0.8
LXIB	Xiulin Townshi	1.10 274	iP	Pn	08 32 18.3 -0.3
LXIB	baz=263		iS	Sn	08 32 32.9 -0.3
EGFH	Guangfu	1.12 256	eP	Pn	08 32 18.9 +0.1
EGFH	baz=254		iS	Sn	08 32 34.0 +0.6
WARBT	Fenglin Townsh	1.14 259	iP	Pn	08 32 18.7 -0.4
WARBT	baz=248		S	Sn	08 32 31.6 -2.5
LATG	Datong	1.15 301	iP	Pn	08 32 19.4 +0.1
LATG			S	Sb	08 32 35.5 +1.1
TWE	Neicheng	1.16 312	iP	Pn	08 32 19.2 -0.1
TWE	baz=309		iS	Sb	08 32 35.5 +1.1
HGSD	Ruisui	1.18 248	iP	Pn	08 32 19.3 -0.3
HGSD	baz=246		S	Sn	08 32 34.5 -0.3
ENTT	Nioudou	1.18 306	iP	Pn	08 32 19.6 +0.1
ENTT	baz=290		iS	Sb	08 32 36.1 +1.0
NDT	Datong Townshi	1.20 303	iP	Pn	08 32 19.8 -0.1
NDT	baz=288		S	Sb	08 32 36.7 +1.1
TWB1	Santiao Chiao	1.20 332	iP	Pn	08 32 19.4 -0.5
TWB1	baz=330		S	Sb	08 32 35.4 -0.3
NNSB	Datong	1.22 294	iP	Pn	08 32 20.4 +0.2
NNSB	baz=280		S	Sb	08 32 36.4 0.0
ECBN	Changbin	1.23 240	eP	Pb	08 32 21.6 +0.5
ECBN	baz=226		S	Sb	08 32 37.7 +1.1
NNS	Nan Shan	1.23 294	iP	Pn	08 32 20.8 +0.3
NNS	baz=280		iS	Sb	08 32 37.2 +0.5
FUSB	Fushanzhiwuyua	1.24 311	iP	Pb	08 32 20.9 -0.4
FUSB	baz=299		S	Sb	08 32 39.4 +2.6
EHYH	Wanrong	1.24 249	eP	Pn	08 32 20.6 +0.2
EHYH	baz=247		eS	Sn	08 32 37.2 +0.6
WHF	Hehuan Shan	1.25 280	iP	Pn	08 32 20.9 0.0
WHF	baz=277		iS	Sn	08 32 36.7 -0.5
TIPB	Shuangxi	1.25 325	iP	Pn	08 32 20.7 +0.1
TIPB	baz=336		iS	Sb	08 32 36.8 -0.3
EHY	Hungye	1.26 250	iP	Pn	08 32 20.6 -0.1
EHY	baz=248		iS	Sn	08 32 36.5 -0.5
FUSS	Fushou	1.29 284	iP	Pn	08 32 21.1 -0.2
FUSS	baz=281		S	Sb	08 32 38.9 +0.6
NWLT	Wulai	1.31 310	iP	Pb	08 32 22.7 +0.3
NWLT	baz=307		eS	Sb	08 32 39.4 +0.6
JKRS	Kuro-shima	1.31 77	P	Pb	08 32 23.4 +1.0
OWD	Renai	1.31 271	iP	Pn	08 32 22.1 +0.5
OWD	baz=268		S	Sn	08 32 37.9 -0.5
CHGB	Renai	1.32 275	iP	Pn	08 32 21.9 +0.2
CHGB	baz=273		S	Sn	08 32 38.6 -0.1
YULB	Yu-li	1.32 246	P	Pn	08 32 22.1 +0.5
YULB	baz=234		S	Sn	08 32 21.8 +0.3
YULB			S	Sn	08 32 38.4 -0.2
EYUL	Yuli	1.33 244	iP	Pn	08 32 22.2 +0.6
EYUL	baz=232		S	Sn	08 32 38.0 -0.5
XXI1	Grass Mountain	1.33 330	iP	Pn	08 32 21.1 -0.6
XXI1	baz=340		S	Sb	08 32 38.7 -0.7
YHNB	Yeheng	1.34 303	P	Pn	08 32 22.3 +0.4
YHNB	baz=300		eS	Sb	08 32 39.6 -0.1
TWF1	Yuli	1.34 244	iP	Pn	08 32 22.3 +0.5
TWF1	baz=233		iS	Sn	08 32 38.6 -0.4
CHKH	Chenggong	1.34 236	eP	Pb	08 32 23.3 +0.3
CHKH	baz=224		S	Sn	08 32 37.6 -1.3
TWT	Tachien	1.35 283	P	Pb	08 32 23.0 -0.1
TWT	baz=270		S	Sb	08 32 39.9 -0.1
NSK	Sanguang	1.36 303	iP	Pn	08 32 22.5 +0.4
NSK	baz=300		eS	Sb	08 32 40.6 +0.4
VWDT	VWDT	1.36 262	iP	Pn	08 32 22.6 +0.6
VWDT	baz=260		iS	Sn	08 32 39.8 +0.4
WUSB	Renai	1.37 272	iP	Pn	08 32 22.7 +0.4
WUSB	baz=270		S	Sn	08 32 38.2 -1.6
FULB	Fulli	1.42 239	iP	Pn	08 32 23.9 +1.0
FULB	baz=228		iS	Sn	08 32 40.7 -0.2
CHKT	Chengkung	1.42 234	eP	Pn	08 32 22.3 -0.5
CHKT	baz=222		iS	Sn	08 32 40.0 -0.9
TATO	Taipei	1.45 315	P	Pb	08 32 24.9 +0.1
JIJ	Ishigaki jima	1.46 73	P	Pb	08 32 24.8 -0.1
JIJ			S	Sn	08 32 41.1 +0.3
EHD	Haiduan	1.51 239	eP	Pn	08 32 25.4 +1.2
EHD	baz=228		eS	Sn	08 32 43.5 +0.3
SSLB	Suanglung	1.52 264	P	Pn	08 32 25.1 +0.7
SSLB	baz=262		S	Sn	08 32 43.6 +0.1
NFF	Wufeng Townshi	1.53 297	iP	Pb	08 32 26.1 0.0
NFF	baz=295		S	Sb	08 32 44.5 -0.5
ECS	Chishang	1.53 237	eP	Pn	08 32 25.4 +0.9
ECS	baz=226		S	Sn	08 32 44.4 +0.7
EDH	Donghe	1.54 231	iP	Pn	08 32 24.4 -0.2

EDH	baz=222		iS	Sn	08 32 41.0 -2.9
WHP	Taichung City	1.56 283	iP	Pb	08 32 27.2 +0.5
WHP	baz=271		S	Sb	08 32 45.8 -0.2
WCS	Beigang Elemen	1.56 274	P	Pn	08 32 25.9 +1.2
WCS	baz=265		eS	Sn	08 32 44.8 +0.5
SMLT	Sun Moon Lake	1.57 268	iP	Pb	08 32 26.6 -0.3
SMLT	baz=266		S	Sn	08 32 46.0 +1.3
TYC	Yuchr	1.61 269	iP	Pn	08 32 26.4 +1.0
TYC	baz=267		S	Sn	08 32 46.3 +0.9
LIOB	Emei	1.61 296	iP	Pb	08 32 26.9 -0.7
LIOB	baz=294		eS	Sb	08 32 48.6 +1.0
NSST	Nanjuang	1.62 295	iP	Pb	08 32 27.2 -0.5
NSST	baz=293		eS	Sb	08 32 46.7 -1.0
WHYT	Xinyi Township	1.63 262	iP	Pn	08 32 27.2 +1.4
WHYT	baz=249		S	Sn	08 32 46.7 +0.6
LDUT	Ludao	1.64 220	iP	Pn	08 32 26.0 +0.1
LDUT	baz=219		iS	Sn	08 32 44.4 -2.0
ELDTW	W Lidou	1.65 243	P	Pn	08 32 26.3 +0.2
ELDTW	baz=241		eS	Sn	08 32 45.5 -1.1
JISG	Ishigakijimahi	1.68 67	P	Pb	08 32 27.7 -1.0
JISG	baz=222		eS	Sb	08 32 48.3 -1.1
LONT	Longtian	1.71 233	P	Pn	08 32 28.1 +1.3
LONT	baz=225		S	Sn	08 32 47.6 -0.4
WNT	Mingjian	1.77 268	eP	Pb	08 32 29.9 -0.3
WNT	baz=266		S	Sb	08 32 52.6 +0.7
TWGBT	Beinan	1.80 232	iP	Pn	08 32 28.1 0.0
TWGBT	baz=222		S	Sn	08 32 50.1 -0.2
TWG	Pinlang	1.80 232	eP	Pn	08 32 29.4 +1.2
TWG	baz=222		S	Sn	08 32 48.1 -2.3
CHNS	Tsauling	1.81 259	iP	Pb	08 32 30.2 -0.7
CHNS	baz=248		iS	Sb	08 32 53.3 +0.1
WCKO	Fanlu	1.91 255	iP	Pb	08 32 32.6 0.0
WCKO	baz=253		iS	Sb	08 32 56.5 +0.4
WDLH	Douliu	1.92 263	eP	Pb	08 32 32.1 -0.6
WDLH	baz=261		S	Sb	08 32 56.2 -0.1
TPUB	Ta-pu	1.93 251	P	Pn	08 32 31.1 +2.2
TPUB	baz=240		iS	Pn	08 32 31.8 +1.9
WTP	Ta-pu	1.96 250	iP	Pb	08 32 32.8 -0.8
WTP	baz=240		iS	Sb	08 32 57.5 0.0
ECL	Taimali	2.03 229	eP	Pn	08 32 31.3 +0.1
ECL	baz=239		S	Sn	08 32 55.5 -0.4
SLGT	Liugui	2.04 243	iP	Pn	08 32 33.8 +2.4
SLGT	baz=235		S	Sn	08 32 58.4 +2.2
WRL	Guolierlin Hig	2.04 269	eP	Pn	08 32 33.0 +1.5
WRL	baz=280		eS	Sb	08 32 59.3 -0.7
SGST	Jiahsian	2.05 246	iP	Pb	08 32 34.2 -0.9
SGST	baz=236		iS	Sb	08 32 59.9 -0.3
WTK	Tuku	2.05 263	eP	Pb	08 32 34.2 -0.8
WTK	baz=261		iS	Sb	08 32 59.6 -0.6
CHN1	Nanshi	2.06 249	iP	Pb	08 32 34.5 -0.7
CHN1	baz=247		iS	Sn	08 33 00.3 0.0
TWK	Hsinying	2.06 251	iP	Pb	08 32 34.5 -0.8
TWK	baz=249		iS	Sb	08 33 01.1 +0.6
SNST	Tainan City	2.07 250	iP	Pb	08 32 35.0 -0.3
SNST	baz=248		iS	Sn	08 33 00.8 +0.1
LAY	Lan-yu	2.13 207	eP	Pn	08 32 32.3 -0.5
LAY	baz=206		S	Sn	08 32 57.2 -1.4
EAST	Anshou	2.25 227	iP	Pn	08 32 35.2 +0.9
EAST	baz=234		S	Sn	08 33 02.3 +1.0
SCZT	Fangliang	2.41 230	eP	Pn	08 32 37.8 +1.3
SCZT	baz=222		eS	Sn	08 33 05.5 +0.2
TSCK	Chigu Township	2.45 252	P	Pb	08 32 40.1 -1.7
TSCK	baz=250		eS	Sb	08 33 10.3 -1.3
PHUB	Peng-hu	2.82 262	eP	Pn	08 32 43.1 +1.0
PHUB	baz=275		eS	Sn	08 33 16.9 +1.6

IDC 16 08:33:16.6±2.0, 3.07N, 128.10E, h0km, mb3.7/5, mbtmp3.7/5, MS3.0/1, Error ellipse: s-maj=168.4km s-min=21.5km az=68.0, North of Halmahera
 Code Station Name Δ° AZ° Phase ID ISC LR Time Res h m s ISC
KAPI Kappang 11.58 226 OP 08 31 41.1
 com=2.58mm,20.0s,baz=334,slow=4.1
WRA Warramunga Arr 23.68 165 P 08 38 31.1 +1.0
 0.6mm,0.6s,baz=345,slow=10,SNR=5.5
ASAR Alice Springs 27.17 168 P 08 39 00.6 -1.4
 0.3mm,0.9s,baz=353,slow=6.8,SNR=2.0
H1S3 WAKE ISLAND Hy 40.75 65 T 09 24 28.2
 baz=253
H1S2 WAKE ISLAND Hy 40.77 65 T 09 24 30.5
 baz=253
H1S1 WAKE ISLAND Hy 40.77 65 T 09 24 32.6
 baz=253
MKAR Makanchi Array 58.88 325 P 08 43 17.9 +0.5
 0.9mm,0.5s,baz=122,slow=8.3,SNR=9.3
KURBB Kurchatov Arra 63.03 327 P 08 43 45.1 -0.4
 1.5mm,0.8s,baz=120,slow=6.4,SNR=7.6
 1.5mm,0.8s
BVAR Borovoye Array 68.62 329 P 08 44 21.5 0.0
 0.6mm,0.5s,baz=120,slow=8.5,SNR=4.2
 0.6mm,0.5s

Mn=0.64; Mss=1.81; Mws=0.48; Mm=1.49; Mss=1.02; Msr=1.08;
Fault plane solution: M2.52684x1021 NP1:
φ=287.8800°, λ=158.9800°, λ-50.50000°, NP2:φ=33.95000°,
δ=41.45000°, λ-158.9800°. Principal axes: T P1g21.2290°,
Azm349.0310°; N P1g38.1640°, Azm96.8070°; P
P1g44.2590°, Azm236.7880°;
TAP 16 08:38:19.4, 24.80N, 122.48E, h18km, ML3.9, D
ISC 16 08:38:19.5±1.0, 24.79N±0.02, 122.48E±0.02, h18km±6km,
n87, c053/133, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
EOS2	E052	0.43 212	Op	Pb	08 38 29.0 +0.4	
EOS2	baz=211		S	Sb	08 38 36.2 +1.5	
TWB1	Santiao Chiao	0.50 296	iP	Pb	08 38 29.7 -0.1	
TWB1	baz=295		iS	Sb	08 38 36.3 -0.4	
EGS	baz=274	0.50 277	eP	Pb	08 38 29.8 0.0	
EGS	baz=274		eS	Sb	08 38 36.9 +0.1	
EOS3	E053	0.52 197	eP	Pb	08 38 30.6 +0.6	
EOS3	baz=203		S	Sn	08 38 39.7 -0.5	
JYNG	Yonagunijimaku	0.54 128	P	Pg	08 38 30.2 -0.1	
JYNG	baz=211		S	Sb	08 38 37.4 -0.1	
YOJ	Yonaguni jima	0.58 124	P	Pg	08 38 30.7 -0.3	
YOJ	baz=115	0.58 124	iP	Pg	08 38 31.0 -0.1	
YOJ	baz=115		iS	Sg	08 38 38.6 -0.2	
YOJ	Yonaguni jima	0.58 124	P	Pg	08 38 30.9 -0.2	
YOJ	baz=115		S	Sg	08 38 38.5 -0.3	
TWC	Suao	0.60 253	iP	Pb	08 38 31.0 -0.4	
TWC	baz=258		iS	Sg	08 38 39.1 -0.4	
ESAO	Su ao	0.62 250	P	Pg	08 38 32.2 +0.5	
ESAO	baz=249		S	Sb	08 38 40.0 0.0	
TIPB	Shuangxi	0.62 287	iP	Pb	08 38 32.2 +0.4	
TIPB	baz=286		iS	Sb	08 38 40.8 +0.5	
XXI1	Grass Mountain	0.63 299	eP	Pb	08 38 32.4 +0.4	
XXI1	baz=298		eS	Sb	08 38 41.6 +1.1	
ILA	ilan	0.67 268	eP	Pn	08 38 33.2 +0.6	
ILA	baz=266		eS	Sn	08 38 42.9 -1.2	
EOS4	baz=266	0.68 193	eP	Pg	08 38 33.5 +0.7	
EOS4	baz=185		S	Sn	08 38 43.4 -0.4	
NWF	Wu-fen Shan	0.70 294	eP	Pb	08 38 33.6 +0.4	
NWF	baz=293		S	Sg	08 38 43.1 +0.6	
WFSB	Wu-fen Shan					

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Guanaco, Atahualpa, Pan de Azucar, San Ignacio, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Juan Fernandez, Tunca, Sierra Bellavi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, South Pole Qui, etc.

MOS 16 11:05:19.4+1.4, 49.95N:157.59E, h14km, mb4.2/2, Error ellipse: s-maj=21.0km s-min=4.7km az=85.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Warramunga Arr, South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Apache, Petropavlovsk, Dainy, etc.

IDC 16 11:11:54.3+1.1, 61.11S:166.10E, h0km, mb4.1/7, mbmp4.1/8, ML3.9/1, MS3.4/10, Error ellipse: s-maj=36.9km s-min=25.7km az=101.0

NEIC 16 11:12:00.2+0.8, 11.58S:0.09E, 166.2E:0.1, h41km, 6km, mb4.4/2, Error ellipse: s-maj=17.8km s-min=12.7km az=94.0

IDC 16 11:11:59.7+0.8, 11.66S:0.08E, 166.2E:0.1, h35km, n33, 0598/25, mb4.3/11, MS3.3/9, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, Kourchatov, Obninsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guam, Alice Springs, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vanda, Casey, QSPA, etc.

IDC 16 11:24:58.7+9.5, 19.86S:177.71W, h439km, 104km, mb3.2/6, mbmp4.1/7, Error ellipse: s-maj=40.1km s-min=21.8km az=60.0

IDC 16 11:24:59.6+1.2, 19.95S:177.7W:0.3, h450km, n7, 0558/7, mb3.7/6, Fiji Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jimani, Restauracion, Presa de Saban, etc.

GUC 16 11:35:22.9+0.7, 34.01S:70.38W, h10km, 2km, ML3.8 SJA 16 11:35:22.7+0.7, 34.07S:70.45W, h5km, 3km, ML4.0

IDC 16 11:35:23.0+0.6, 34.06S:70.25W, h0km, mb4.3/9, mbmp4.2/13, ML3.8/4, MS3.2/8, Error ellipse: s-maj=26.7km s-min=13.9km az=90.0

NEIC 16 11:35:24.8+1.5, 33.99S:0.04E:0.0, h41km, 1km, mb4.9/27, ML3.8(GUC), Error ellipse: s-maj=8.1km s-min=2.8km az=317.0

IDC 16 11:35:24.5+0.8, 34.02S:0.02E:0.0, h9km, 5km, n113, 0111/132, mb4.8/23, MS3.3/5, 2C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Punta, Las Melosas, San Alfonso, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ACHÉ Chapes, LCO Las Campanas, AC05 El Transito, etc.

ADC 16 11:37:43.4±1.3, 49:53S; 128.40E, h0km, mb4.0/5, mbmp4.1/6, ML2.5/1, MS3.5/8, Error ellipse: s-maj=51.3km s-min=23.7km az=86.0

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

KRNET 16 11:40:45.1±0.1, 39:52N; 72:66E, h13km, mb3.3 SOME 16 11:40:48.2, 39:63N; 72:78E, h0km NNC 16 11:40:57.6±4.0, 39:97N; 73:10E, h4km; 16km, mb4.0, mbp3.7, Error ellipse: s-maj=32.4km s-min=19.7km

ISC 16 11:40:41.7±1.5, 39:43N; 0:06:28.2E, h6km; 11km, n50, ±207/85, 35C-10Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, DRK Karamyk, etc.

ADC 16 11:37:44.7±1.2, 49:55S; 0:1x128:3E; 0, h10km, n18, ±1906/7, mb4.0/4, MS3.5/8, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KDJ baz=51, KST baz=51, DGS Degeres, etc.

HVO 16 12:32:19.2±1.1, 19:395N; 0:009:155:257W; 0:007, h-0km; 3km, ML3.3/31, ML2.5/44(NEIC), Error ellipse: s-maj=1.4km s-min=0.9km az=204.0

NEIC 16 12:32:19.9±1.1, 19:374N; 0:009:155:265W; 0:009, h1km; 3km, Error ellipse: s-maj=1.5km s-min=0.8km az=139.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like RIM Rim, KKO Keanakakoi, SDHHI Sand Hill, etc.

HVO 16 12:46:29.8±0.8, 19:398N; 0:010:155:272W; 0:008, h-0km; 3km, ML3.5/49, ML3.3/36(NEIC), Error ellipse: s-maj=1.5km s-min=0.9km az=157.0

NEIC 16 12:46:30.3±1.0, 19:388N; 0:005:155:281W; 0:008, h5km; 1km, Error ellipse: s-maj=1.6km s-min=1.2km az=358.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RIM, UWB, HATHI, SBLHI, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, etc.

NEIC 16 12:50:41.0, 4.0, 8.1, 39.99N; 0.009:155.284W; 0.006, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.6km az=120.0

HVO 16 12:50:40.9, 0.9, 19.402N; 0.008:155.274W; 0.007, h1km, 2km, ML3.4/9, ML3.4/35(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=205.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RIM, KKO, BYL, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HMH, MLOA, MWA, etc.

IDC 16 12:59:53.4, 2.2, 4.06S; 151.63E, h0km, mb3.9/7, mbmp4.0/8, ML2.0/1, MS3.6/35, Error ellipse: s-maj=86.3km s-min=22.1km az=113.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG, GUMO, DZM, etc.

IDC 16 12:49:33.9, 2.2, 7.41S; 128.97E, h0km, mb3.6/1, mbmp3.6/3, ML3.9/2, Error ellipse: s-maj=145.4km s-min=32.7km az=66.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, etc.

OSPL 16 13:01:45.1, 2.1, 18.00N; 70.21W, h25km, 10km, ML2.6, SDD 16 13:01:45.7, 1.5, 18.09N; 70.21W, h50km, 7km, MD3.3, ML2.8, MWV3.5

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BANI, SDD, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NEDR, SADR, SDDR, etc.

IDC 16 13:11:31.1, 2.1, 3.54S; 149.94E, h0km, mb3.4/3, mbmp3.5/3, MS3.4/1, Error ellipse: s-maj=135.2km s-min=31.1km az=121.0, Bismark Sea

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, DZM, ASAR, etc.

NEIC 16 13:35:10.0, 0.6, 19.40N; 0.02:155.285W; 0.009, h1km, 13km, ML2.8/40, Error ellipse: s-maj=2.5km s-min=0.9km az=158.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like UWE, BYL, HATHI, etc.

SKO 16 13:48:03.0, 4.1, 29N; 23.44E, h18km, ATH 16 13:48:04.9, 4.1, 29N; 23.47E, h13km, 2km, ML1.2/5, 1D, Error ellipse: s-maj=2.6km s-min=1.1km az=342.0, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SRS, SRR, etc.

DJA 16:14:57:47.2,0.3,10'S,3'x11'E, h10km, M4.0/9, mb4.3/5, MLV3.8/9

IDC 16:14:57:54.5,8.7,9'16S:-116'22E, h128km,81km, mb2.6/3, mbmp3.2/4, Error ellipse: s-maj=77.8km s-min=22.7km az=65.0

ISC 16:14:57:48.1,1.3,9.6S:0.1:-116:10E:0.05, h26km, n12, s=1547/14, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWSI Taliwang, DNP Denpasar, SRII Denpasar, etc.

IDC 16:15:14:21.5,0.8,22'68S:176'74W, h0km, mb4.0/5, mbmp4.1/7, ML3.8/2, MS3.1/2, Error ellipse: s-maj=31.7km s-min=24.8km az=138.0

ISC 16:15:14:21.9,0.7,22.8S:0.2:-176:4W:0.1, h10km, n20, s=1572/14, mb4.1/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAR Rarotonga, URZ Urewera, etc.

IDC 16:15:46:18.6,1.4,32'99N:138'76E, h0km, mb3.6/2, mbmp3.4/3, ML1.9/1, Error ellipse: s-maj=26.2km s-min=18.5km az=140.0

JMA 16:15:19:20.2,33'7N:07:14'E, h57km, MV2.7/1, E OFF HACHUJIMA ISLAND

ISC 16:15:46:19.4,1.5,33.59N:0.06:141'E:0.1, h50km, n12, s=0572/17, Off east coast of Honshu

comp=Z,0.9nm,0.7s,baz=131,slow=5.4,SNR=11 comp=Z,0.9nm,0.7s

IDC 16:15:22:52.9,8.0,0'48S:90'91W, h0km, mb3.6/6, mbmp3.6/6, MS3.1/6, Error ellipse: s-maj=169.7km s-min=127.7km az=222.0

IGQ 16:15:22:55.2,2.0,0'5S:3'9'1W, h4km, M4.2/6

ISC 16:15:22:54.7,0.8,0.6S:0.06:91'19W:0.04, h10km, n24, s=1576/15, mb3.6/6, MS3.0/4, Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FER2 Ferdinandina, CMIG Matias Romero, etc.

IDC 16:15:46:18.6,1.4,32'99N:138'76E, h0km, mb3.6/2, mbmp3.4/3, ML1.9/1, Error ellipse: s-maj=26.2km s-min=18.5km az=140.0

JMA 16:15:19:20.2,33'7N:07:14'E, h57km, MV2.7/1, E OFF HACHUJIMA ISLAND

ISC 16:15:46:19.4,1.5,33.59N:0.06:141'E:0.1, h50km, n12, s=0572/17, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO1 Boso, JHJ2 Mitsune, etc.

IDC 16:15:21:25.0,5.0,0.86N:28'18W, h0km, mb4.4/25, mbmp4.4/25, MS4.1/75, Error ellipse: s-maj=19.3km s-min=11.6km az=143.0

MOS 16:15:15:25.4,1.4,0'77N:28'25W, h10km, mb5.0/30, Error ellipse: s-maj=14.4km s-min=6.5km az=48.7

NEIC 16:15:17:27.4,1.8,0.9N:0.1:28'33W:0.08, h10km, 1km, mb5.0/60, Error ellipse: s-maj=22.1km s-min=2.8km az=141.0

GCMT 16:15:1:32.4,0.2,1'17N:0'01:28'18W:0.1, h15km, MW5.0/122, Moment Tensor Solution. s71,c98; s122,c207; Duration: 0 Moment tensor: Scalar 1016Nm; Mw-0.20±; Mo-0.62±; Mo-0.62±; Mo-0.42±; Mo-0.32±; Mo-0.45±; Mo-0.73±; Best double couple: lambda=65200x10^16 NPT, lambda=176.00000, delta=85.00000, lambda=9.00000, NP2, lambda=267.00000, delta=81.00000, lambda=175.00000 Principal axes: T 4.6910, P1g3.0000; Azm222.0000; N -0.0790, P1g60.0000; Azm328.0000; P -4.6120, P1g10.0000; Azm131.0000; inst1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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.

IDC 16:15:21:28.0,0.3,0.82N:0.07:28'24W:0.07, h17km, n308, s=173/243, mb4.8/9, MS4.2/82, MS4.2/82, Central Mid-Atlantic Ridge

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

IDC 16:15:21:28.0,0.3,0.82N:0.07:28'24W:0.07, h17km, n308, s=173/243, mb4.8/9, MS4.2/82, MS4.2/82, Central Mid-Atlantic Ridge

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

SMTB Santa Maria do 21.55 243 eP P 15 56 16.8 +0.0

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

IDC 16:15:22:52.9,8.0,0'48S:90'91W, h0km, mb3.6/6, mbmp3.6/6, MS3.1/6, Error ellipse: s-maj=169.7km s-min=127.7km az=222.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DIAM Diamantina, MDP Montagnes des, etc.

IDC 16:15:46:18.6,1.4,32'99N:138'76E, h0km, mb3.6/2, mbmp3.4/3, ML1.9/1, Error ellipse: s-maj=26.2km s-min=18.5km az=140.0

JMA 16:15:19:20.2,33'7N:07:14'E, h57km, MV2.7/1, E OFF HACHUJIMA ISLAND

ISC 16:15:46:19.4,1.5,33.59N:0.06:141'E:0.1, h50km, n12, s=0572/17, Off east coast of Honshu

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

IDC 16:15:21:25.0,5.0,0.86N:28'18W, h0km, mb4.4/25, mbmp4.4/25, MS4.1/75, Error ellipse: s-maj=19.3km s-min=11.6km az=143.0

MOS 16:15:15:25.4,1.4,0'77N:28'25W, h10km, mb5.0/30, Error ellipse: s-maj=14.4km s-min=6.5km az=48.7

NEIC 16:15:17:27.4,1.8,0.9N:0.1:28'33W:0.08, h10km, 1km, mb5.0/60, Error ellipse: s-maj=22.1km s-min=2.8km az=141.0

GCMT 16:15:1:32.4,0.2,1'17N:0'01:28'18W:0.1, h15km, MW5.0/122, Moment Tensor Solution. s71,c98; s122,c207; Duration: 0 Moment tensor: Scalar 1016Nm; Mw-0.20±; Mo-0.62±; Mo-0.62±; Mo-0.42±; Mo-0.32±; Mo-0.45±; Mo-0.73±; Best double couple: lambda=65200x10^16 NPT, lambda=176.00000, delta=85.00000, lambda=9.00000, NP2, lambda=267.00000, delta=81.00000, lambda=175.00000 Principal axes: T 4.6910, P1g3.0000; Azm222.0000; N -0.0790, P1g60.0000; Azm328.0000; P -4.6120, P1g10.0000; Azm131.0000; inst1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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

IDC 16:15:21:28.0,0.3,0.82N:0.07:28'24W:0.07, h17km, n308, s=173/243, mb4.8/9, MS4.2/82, MS4.2/82, Central Mid-Atlantic Ridge

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

IDC 16:15:21:28.0,0.3,0.82N:0.07:28'24W:0.07, h17km, n308, s=173/243, mb4.8/9, MS4.2/82, MS4.2/82, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KEST Kesra, TRQA Torqu coast, etc.

Table with columns: CTI, comp, name, time, date, location, and other identifiers. Includes entries like Castel Tesino, Las Juntas de, FETA, RETA, SOTA, MOTA, etc.

Table with columns: V48A, name, time, date, location, and other identifiers. Includes entries like Smith Brothers, BRIU, T47A, MLR, PLAL, WVT, etc.

Table with columns: LPSR, name, time, date, location, and other identifiers. Includes entries like KIV, KIV, KIV, KBZ, KBZ, KBZ, etc.

DZM Mont Dzumac 154.50 213 eLR LR 17 03 00.0 comp=2.198nm,23.25 WRO Warramunga Arr 154.59 140 PKPpdf 16 11 18.3 -2.2

IDC 16 15:59:39.2.7.5, 4.72S:151.37E, h116km, 53km, mb3.4/8, mbmp3.8/9, MSZ:7/1, Error ellipse: s-maj=96.3km s-min=27.0km az=9.0

ISC 16 15:59:37.7-1.7, 4.75S:02.1514E:0.4, h100km, n11, c093/11, mb3.6/8, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Port Moresby, Guam, Warramunga Arr, WRA, ASAR, STKA, MKAR, ZALV, KURBB, NRIK, BVAR, TORD.

TAP 16 16:02:35.9, 24.82N:122.50E, h17km, ML2.6, D JMA 16 16:02:36.8-0.1, 25.12N:122.5E:0.7, h37km, 3km, MV:1.8/6, NW OFF ISHIGAKIJIMA IS

ISC 16 16:02:34.8-1.2, 24.94N:0.04:122.54E:0.03, h10km, 11km, n63, c054/95, 1D, Taiwan region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like EOS2, TWB1, JYNG, YOJ, WFSB, EOA4, ENA, FUSB, NWSL, NWTW, NNDT, LATG, YHNB, NSK, NACB, NNSB, NNS, NWD, PDAR, CMAR, KURBB, ARCES, FINES, HFS, AKASE, BRTR, MMAI, TORD, TUN, MEDT, BERT, SGNT, TROT, TATN.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like NACB, NACB, NACB, NSK, NSK, NNSB, NNSB, NNS, TWD, TWD, IRIF, ETM, LXIB, NFF, WHF, SHUL, TDCB, LIOB, NSTT, ESL, CHGB, OWD, WARBT, WUSB, WHP, VVWD, WCS, HGSD, SMLT, SSSL, TYC, YULB, WHYT, FULB.

IGQ 16 16:12:30.9:7.1, 4.5S:32x7.5W:5.1, h10km, M4.2/6, Northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like TAIS, BOSQ, ARDO, BMAS, TUYU, REVN.

IDC 16 16:28:48.1±2.6, 20.97S:178.22W, h443km, 26km, mb3.3/10, mbmp4.1/12, Error ellipse: s-maj=22.0km s-min=16.2km az=87.0

ISC 16 16:28:49.0:0.7, 20.98S:0.1178:1W:0.1, h450km, n20, c2511/21, mb3.6/10, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like DZM, URZ, URZ, ASAR, ASAR, WRA, WRA, QSPA, MJAR, PETK, KRSR, SEY, ILAR, PDAR, CMAR, KURBB, ARCES, FINES, HFS, AKASE, BRTR, MMAI, TORD.

TUN 16 16:37:54.1, 34.34N:9.75E, h14km, 1km, MD2.3, Tunisia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MEDT, BERT, BERT, SGNT, TROT, TATN.

OFF ISHIGAKIJIMA IS ISC 16 16:41:57.7-1.1, 24.90N:0.03:122.44E:0.02, h13km, 9km, n56, c053/85, 1C-1D, Taiwan region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like TWB1, TWB1, EOS2, EOA4, ENA, FUSB, NWSL, NWTW, NNDT, LATG, YHNB, NSK, NACB, NNSB, NNS, NWD, PDAR, CMAR, KURBB, ARCES, FINES, HFS, AKASE, BRTR, MMAI, TORD, TUN, MEDT, BERT, SGNT, TROT, TATN.

TAP 16 16:41:57.5, 24.90N:122.44E, h15km, ML2.6, C JMA 16 16:41:58.1±0.2, 25.12N:122.4E:0.6, h4km, MV2.6/7, NW

KRSC 16 16:42:51.4, 1.2, 56.64N, 154.92E, h48km, 36km, M4.9
IDC 16 16:42:52.3, 0.6, 56.81N, 155.08E, h0km, mb3.8/16,
mbmp3.8/22, ML3.4/6, MS3.3/9, Error ellipse:
s-maj=14.6km s-min=8.3km az=61.0
MOS 16 16:42:52.4, 1.3, 56.80N, 155.24E, h12km, mb4.3/11, Error
ellipse: s-maj=13.0km s-min=5.8km az=96.0
NERS 16 16:42:53.5, 56.60N, 154.57E, h33km
NEIC 16 16:42:53.0, 2.2, 56.67N, 154.9E, h2.0, h10km, 1km,
mb4.3/18, Error ellipse: s-maj=21.0km s-min=11.6km
az=237.0
ISC 16 16:42:54.4, 0.4, 56.72N, 155.12E, h10km, n107,
e1563/106, mb4.1/32, MS3.4/9, 7C-5D, Kamchatka

Peninsula

Table with columns: Code, Station Name, Delta A, Azimuth Z, Phase ID, Time, Res, ISC. Lists various stations like TIGL, KOZ, GNL, MA2, PEAOB, etc.

Main table with columns: Code, Station Name, Delta A, Azimuth Z, Phase ID, Time, Res, ISC. Lists stations like TIXI, USAOB, USRK, USRK, BNX, JSD, MJAO, MAJO, MJAR, E19K, B20K, H19K, B21K, B21K, F21K, G21K, G21K, I21K, KS19, COLA, ILAR, ILAR, G27K, G27K, E28M, I29M, A36M, A36M, YKA, YKA, KURK, KURK, KURB, KURB, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, GOMU, GOMU, GOMU, BVAR, BVAR, BRVK, BRVK, ARU, ARU, ARU, ARU, AAK, AAK, AAK, YBH, YBH, KK31, KK31, KK31, KKAR, KKAR, KKAR, KKAR, KKAR, KKAR, KMRM, FINES, CMAR, CMAR, OBN, OBN, OBN, OBN, PDAR, PDAR, ULM, ULM, ULM, NOA, NOA, NOA, GEYT, AKASE, KBZ, PMG, TXAR, BRTR, WRA, ASAR, ESDD, URZ.

QSPA South Pole Qui 146.47 180 PKPbc PKPdf 17 02 31.3 -1.5
PLCA Paso Flores 146.62 81 PKPbc PKPdf 17 02 34.2 +0.4

NEIC 16 17:08:37.9, 0.9, 19.418N, 0.009, 155.282W, 0.006,
h5km, Error ellipse: s-maj=1.7km s-min=1.4km az=200.0
HVO 16 17:08:37.6, 0.6, 19.418N, 0.008, 155.278W, 0.006,
h1km, 3km, ML3.1/31, ML2.6/35(NEIC), Error ellipse:
s-maj=1.2km s-min=0.7km az=201.0, Hawaiian Islands

Hawaiian Islands

Table with columns: Code, Station Name, Delta A, Azimuth Z, Phase ID, Time, Res, ISC. Lists stations like OBL, UWB, SBLH, UWE, HATH, BYRN, KKO, RIM, WRMH, SDHI, RSD, PUH, PUH, PUH, KNHH, HLP, HLP, MLH, STCH, STCH, NPOC, JOKA, JOKA, JOKA, JOKA, HMM, HMM, MLOA, MLOA, MLOA, MWH, PAH, KHU, ALEP, ALEP, POHA, POHA, POHA, HPO, HUH, CPH, HPAH, MHA, HLK, KIP, IDC, DZM, DZM, PPT, PPT, PPT, TBI, H11S2, H11S3, H11S1, H11N1, H11N2, WRA, ASAR, ASAR, DAV, MJAR, JNU, NVAR, KSRS, BRTR, DRLN, EMPR, CELP, CRPR, CRPR, GGN, GGN, EMMW, G65A, G65A, MDP, L64A, L64A, L64A.

16d 17h

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like H31M Peel River, F30M Barrie River, T35M Bob Quinn, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like SCRK Sand Creek, PRP Porcupine Dome, E24K Your Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like N20K Mount Spurr, SPCR Spurr Chakacha, L20K Farewell, AK, etc.

NEIC 16 17:31.06.5:1.1, 19:422N:0.008:155:287W:0.007, 155km, 1km, Error ellipse: s-maj=1.7km s-min=1.3km ... HVO 16 17:31.06.2:0.7, 19:410N:0.008:155:285W:0.007, h1km, 2km, ML3/33, ML2.6/33(NEIC), Error ellipse: s-maj=1.1km s-min=0.9km az=188.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like OBL Observatory Le, UWE Uwekahuna, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like HATHI, RSD, PUH, KNH, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like E62A, H62A, PCRV, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like O48B, O48B, O48B, etc.

IDC 16:17:31.14, 1.7, 3.08N:123.95E, h0km, mb3.7/3, mbtmp3.7/3, MS3.3/1, Error ellipse: s-maj=190.9km

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like WRA, ASAR, USRK, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like BINY, CBN, WBO, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like FRB, BORG, Q44A, etc.

IDC 16:17:34:06.6, 0.8, 28.83N:43.47W, h0km, mb4.1/26, mbtmp4.1/26, MS3.3/28, Error ellipse: s-maj=24.9km

MOS 16:17:34:07.6, 1.2, 28.92N:43.55W, h10km, mb4.9/45, Error ellipse: s-maj=8.4km

NEIC 16:17:34:09.3, 1.3, 29.0N:0.1:43.4W, 0.1, h10km, mb4.9/292, Error ellipse: s-maj=17.9km

GCMT 16:17:34:12.3, 0.3, 28.78N:0.03:43.99W, 0.02, h15km, 2km, MW4.8/91, Moment Tensor Solution...

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like R58B, Y60A, M57A, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like EKA, OXF, OXF, etc.

ISC 16:17:34:09.1, 0.4, 28.89N:0.07:43.53W, 0.05, h14km, n685, 1938/572, mb4.8/193, MS3.9/71, 16C-7D, Northern

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like CMLA, GBN, HAL, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like KMSC, M53A, O53A, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res. Includes stations like DBIC, JTS, SCO, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, I, A, M, B, etc. Includes stations like H11N3, H11N1, BTO, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, I, A, M, B, etc. Includes stations like P3D1, P3D1, PDAR, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, I, A, M, B, etc. Includes stations like OBKA, MOTa, SQTA, etc.

BUL 16:20:18.167±0.0, 18:82N:155:59W, h9km, mb4.8/18, mB5.6/9, Ms5.2/16, Ms7.4/9.16, HVO 16:20:18:17.7±0.5, 19:412N:0:008:155:285W±0:009, InPKm, 3km, ML3.3/7.13, mb4.4/18(NEIC), ML3.2/37(NEIC), Mww5.3/14(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=146.0, NEIC 16:20:18:18.4±0.7, 19:403N:0:008:155:285W±0:008, h2km, 3km, Error ellipse: s-maj=1.1km s-min=1.0km az=197.0, NEIC 16:20:18:19.2, 19:41N:155:07W, h12km, Moment Tensor Solution. Duration: 2s4 Moment tensor: Scale 1017Nm; Mm-1.21; Mw0.55; Ms0.67; Mb0-0.03; M0.43; M0-0.26; Fault plane solution: Mo1.16000x1017 Np1.0334750000; s50.840000; λ-97.550000. NP2.02266.61000; b39.760000; λ-80.630000. Principal axes: T 1.0668, Plg6.0000; N 130.0000; N 0.1842, Plg6.0000; Azm40.0000; Azm1.0000. Azm210.0000. Azm268.0000. NEIC 16:20:18:19.2, 19:41N:155:28W, h12km IDC 16:20:18:20.9±1.5, 19:52N:155:32W, h0km, mb3.8/11, mbmp3.8/11, MS4.5/60, Error ellipse: s-maj=43.5km s-min=12.9km az=174.0, GCMT 16:20:18:28.7±0.1, 19:36N:0:01:155:24W:0:01, h12km, MW5.3/157, Moment Tensor Solution. s66c154; s157c285; Duration: 1s0 Moment tensor: Scale 1017 Nm; Mm-1.10±0.01; Mw0.61±0.01; Mb0.49±0.01; M0.22±0.03; Mw0.35±0.01; Mw0.02±0.03; Best double couple: M1.02700x1017 Np1.9±35.00000; λ-98.000000; λ-83.000000; N 0.1842, Plg6.0000; Azm40.0000; Azm1.0000. Principal axes: T 0.9260, Plg5.0000; N 128.0000; Azm186.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function ISC 16:20:18:18.9±0.8, 19:42N:0:03:155:30W:0:02, h4km±3km, n137, s167/95, mb4.2/27, MS4.6/70, 1C-1D, Hawaiian Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Res, Time, Res, etc. Includes stations like UWU, OBL, WRHM, etc.

Table of station data for stations 931-1000, including station name, coordinates, and other parameters.

Table of station data for stations 1001-1100, including station name, coordinates, and other parameters.

Table of station data for stations 1101-1200, including station name, coordinates, and other parameters.

Table of station data for stations 1201-1300, including station name, coordinates, and other parameters.

PRU 16 20:54:43.7,50.04N:18.50E,h0km, Poland
Code Station Name Az AZZ Phase ID ISC h m s Res ISC

MOVC Moravsky Beroun 0.67 247 ePG Pg Sg 20 54 55.9 -0.7
LANS Liptovska Anna 1.09 144 ePG Pg Sg 20 55 04.1 -0.5

ICD 16 21:00:34.4,-1.0,28.80N:43.47W,h0km,mb3.7/12
mbtmp3.7/12,Error ellipse: s-maj=31.0km s-min=21.3km
az=171.0

ISC 16 21:00:36.6,0.9,26.8N:02.43W,0.1,h14km,n17,
0.054/12,mb3.8/12,Northern Mid-Atlantic Ridge

TORD Torodi Ar. Bea 44.67 101 Op ISC h m s ISC
0.6nm,0.8s,baz=312,slow=12,SNR=2.9

H102 ASCENSION HYDR45.90 138 T T 21 57 42.6
H103 ASCENSION HYDR45.90 138 T T 21 57 42.6

H101 ASCENSION HYDR45.92 138 T T 21 57 44.1
H103 ASCENSION HYDR46.70 139 T T 21 58 53.9

H102 ASCENSION HYDR46.72 139 T T 21 58 57.5
NOA NORSTAR Array B 48.28 32 P P 21 59 17.1 0.0

HFS Hagfors 49.23 34 P P 21 09 25.1 +0.8
LPAZ La Paz 50.76 211 P P 21 09 37.3 +0.2

TXAR Lajitas Array 52.09 286 P P 21 09 46.5 0.0
PDAR Pinedale Array 54.12 304 P P 21 10 01.6 +0.2

FINES Finnes Array B 55.42 33 P P 21 10 09.8 -0.4
YKA Yellowknife Ar 56.21 328 P P 21 10 14.9 -1.0

BRTR Keskin Array B 62.67 58 P P 21 11 02.5 +0.1
ILAR Lajitas Array 69.78 334 P P 21 11 46.4 +0.3

BVAR Borovoye Array 80.36 34 P P 21 12 47.4 0.0
MKAR Makanchi Array 90.25 34 P P 21 13 37.5 +0.6

ICD 16 21:01:37.6,-2.0,29.05N:43.40W,h0km,mb3.5/5,
mbtmp3.5/5,Error ellipse: s-maj=83.3km s-min=27.2km
az=12.0,Northern Mid-Atlantic Ridge

TORD Torodi Ar. Bea 44.66 101 Op ISC h m s ISC
0.7nm,0.8s,baz=301,slow=7.4,SNR=2.4

H102 ASCENSION HYDR46.05 138 T T 21 58 40.4
H103 ASCENSION HYDR46.06 138 T T 21 58 40.4

H101 ASCENSION HYDR46.07 138 T T 21 58 40.4
H103 ASCENSION HYDR46.86 139 T T 21 59 45.1

H102 ASCENSION HYDR46.88 139 T T 21 59 44.1
TXAR Lajitas Array 52.07 286 P P 21 10 49.4 -0.2

PDAR Pinedale Array 54.02 304 P P 21 11 04.6 +0.7
BRTR Keskin Array B 62.68 58 P P 21 12 04.9 +0.5

ILAR Lajitas Array 69.77 334 P P 21 12 47.3 -0.7

ICD 16 21:09:25.1,0.6,29.89S:111.88W,h0km,mb4.0/9,
mbtmp4.0/10,ML3.3/1,MS4.5/44,Error ellipse:
s-maj=25.0km s-min=18.7km az=80.0

NEIC 16 21:09:27.2,1.8,30.0S:0.1,112.2W:0.2,h10km,1km,
mb4.9/44,Error ellipse: s-maj=24.4km s-min=17.4km
az=299.0

GCMT 16 21:09:30.2,0.1,30.09S:0.01,112.10W:0.1,h14km,
MW5.2/141,Moment Tensor Solution. s92,c148;
s141,c240; Duration: 1s0 Moment tensor: Scale 1017
Nm; Mn:-0.19e+01; M0:0.54e+01; M0:0.72e+01;
M0:0.19e+03; M0:0.46e+01; M0:0.05e+02; Best double
couple: M0:0.81700e+01; N1:0.610000e+01;
lambda:14.00000e+01; N2:0.1540000e+01;
lambda:16.00000e+01; Principal axes: T 0.8770; P1:0.0000;
Azim18.0000e+01; N -1.190; P1g71.0000e+01;
Azim20.0000e+01; P -0.7580; P1g9.0000e+01; Azim18.0000e+01;
nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 16 21:09:26.0,-0.4,29.92S:0.08,112.20W:0.07,h10km,
n124,s1812/85,mb4.8/29,MS4.6/43,2C,Easter Island
region
Code Station Name Az AZZ Phase ID ISC h m s Res ISC

16d 21h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03S3 Juan Fernandez, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, KVN Kaisersville, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HLIG Huajuapán de L, HLIG Fresnillo de T, HLIG Malinaltepec, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIS Kishinev, LOT Lotru, ARCA Arcalia, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTH Pithoragarh, LGTI Lohaghat, KUDL Kundal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 16 21:43:58, FAK Fak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOS 16 21:58:00, DRS 16 21:58:01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 16 22:09:32, KOUNC Koumac, etc.

WVT Waverly	21.47	27	P	Iamb	P	22 24 44.2	-1.5	comp=Z,1.8nm,0.6s,baz=201,slow=8.6,SNR=2.1	NEW Newport	34.09	339	P	P	22 26 41.3	-0.2
WVT Waverly	21.47	27	P	P	P	22 24 45.1	-0.6	comp=Z,1.8nm,0.6s	NEW Newport	34.09	339	LR	LR	22 24 41.3	-0.2
SWET Sewanee	21.61	32	Iamb	Iamb	P	22 25 02.1		comp=Z,6.8nm,18.4s,baz=94,slow=40	HRV Adam Dzewonsk	34.67	38	P	P	22 26 45.1	-1.4
MONP2 Monument Peak	21.75	319	P	P	P	22 24 51.2	+2.2	comp=Z,2.2nm,1.5s	LBHN bazz=232	35.55	35	P	P	22 26 53.1	-1.1
KSCO Kaye Shedlock	21.83	354	P	P	P	22 24 49.8	+0.1	comp=Z,1.4nm,0.6s,baz=12,slow=9.3,SNR=1.7	PKME Peaks-Kenny Pk	37.66	36	P	P	22 27 10.7	-1.3
IRM Iron Mountain	21.86	323	P	P	P	22 24 51.8	+1.9	comp=Z,80nm,18.2s,baz=232,slow=39	SCHO Schefferville	45.11	26	P	P	22 28 12.1	-1.0
KSU1 Kansas State U	21.90	6	P	P	P	22 24 50.0	-0.3	comp=Z,1.4nm,0.6s	SCHO Schefferville	45.11	26	LR	LR	22 24 90.0	
CCM Cathedral Cave	21.95	18	P	P	P	22 24 50.9	+0.1	comp=Z,1.4nm,0.6s	TOAD Toad River Com	45.60	342	P	P	22 28 17.6	+0.7
Q29A Divide	22.16	348	P	P	P	22 24 54.1	+0.7	comp=Z,1.4nm,0.6s	T35M Bob Quinn	45.83	337	P	P	22 28 19.6	+0.8
109C Camp Elliot, M	22.18	318	P	P	P	22 24 55.6	+2.3	comp=Z,1.4nm,0.6s	T35M Bob Quinn	45.83	337	P	P	22 28 19.2	+0.4
BELC Belle Mtn. Jos	22.25	322	P	P	P	22 24 55.5	+1.3	comp=Z,1.4nm,0.6s	C36M Paultak	54.25	350	P	P	22 29 22.2	-0.1
TPFO Pinon Flats	22.25	320	P	P	P	22 24 55.5	+1.3	comp=Z,1.4nm,0.6s	M26K Nabesna, AK	54.25	337	P	P	22 29 23.6	+0.9
PFO Pinyon Flats O	22.26	320	LR	LR	P	22 24 55.5	+1.2	comp=Z,1.4nm,0.6s	EYAK Cordova Ski Ar	54.31	334	P	P	22 29 24.5	+1.6
GMRC Granite Mounta	22.61	324	P	P	P	22 24 60.0	+1.9	comp=Z,1.4nm,0.6s	G31M Satah River	54.49	344	P	P	22 29 24.1	-0.1
MURC Murrieta	22.70	319	P	P	P	22 25 01.0	+2.0	comp=Z,1.4nm,0.6s	G31M Satah River	54.49	344	P	P	22 29 24.0	-0.2
SMCO Snowmass	22.77	345	Iamb	Iamb	P	22 25 05.8		comp=Z,1.4nm,0.6s	EPYK Eagle Plains	54.76	343	P	P	22 29 25.7	-0.6
HMU Henry Mountain	22.81	337	P	Iamb	Iamb	22 25 03.2		comp=Z,1.4nm,0.6s	KLU Klutina	54.88	335	P	P	22 29 27.4	+0.1
HCO Hector, Ludlow	23.03	323	P	P	P	22 25 03.3	+0.9	comp=Z,1.4nm,0.6s	K27K Chicken	54.90	339	P	P	22 29 27.4	+0.2
ISEC Idaho Springs	23.06	348	P	P	P	22 25 02.5	-0.4	comp=Z,1.4nm,0.6s	EGAK Eagle	55.06	340	P	P	22 29 28.5	+0.1
TKL Tuckaleechee C	23.07	34	LR	LR	P	22 25 19.5		comp=Z,1.4nm,0.6s	G30M tAoh Zraii Nji	55.06	343	P	P	22 29 28.3	-0.1
TUQ Turquoise Moun	23.23	324	P	P	P	22 25 05.2	+0.7	comp=Z,1.4nm,0.6s	I28M Milner Creek	55.09	341	P	P	22 29 28.2	-0.6
CIS Catalina Islan	23.36	317	P	P	P	22 25 06.6	+1.0	comp=Z,1.4nm,0.6s	H29M Whitestone	55.13	342	P	P	22 29 28.4	-0.5
NHSC New Hope	23.52	44	P	P	P	22 25 07.7	-1.5	comp=Z,1.4nm,0.6s	INK Inuvik	55.35	345	P	P	22 29 30.1	-0.3
T50A Nancy	23.58	31	Iamb	Iamb	P	22 25 23.5		comp=Z,1.4nm,0.6s	INK Inuvik	55.35	345	P	P	22 29 30.8	+0.4
GSC Goldstone, Bar	23.63	323	P	P	P	22 25 09.3	+1.0	comp=Z,1.4nm,0.6s	F30M Barrier River	55.40	344	P	P	22 29 31.0	+0.1
Q16A Castle Valley	23.83	337	Iamb	Iamb	P	22 25 12.5		comp=Z,1.4nm,0.6s	G29M Pine Creek	55.51	343	P	P	22 29 32.4	+0.7
TZTN Tazewell	23.86	33	P	P	P	22 25 08.9	-1.6	comp=Z,1.4nm,0.6s	PAX Paxson	55.51	337	P	P	22 29 32.2	+0.4
TZTN Tazewell	23.86	33	P	P	P	22 25 08.9	-1.6	comp=Z,1.4nm,0.6s	SCRK Sand Creek	55.54	338	P	P	22 29 32.0	0.0
WCI Wyandotte Cave	23.90	26	P	P	P	22 25 09.4	-1.4	comp=Z,1.4nm,0.6s	SEW Seward	55.69	332	P	P	22 29 33.3	+0.3
O20A White River Ci	24.00	343	Iamb	Iamb	P	22 25 14.0		comp=Z,1.4nm,0.6s	J26L Joseph Creek	55.70	339	P	P	22 29 33.2	0.0
O20A White River Ci	24.00	343	P	P	P	22 25 12.2	+0.3	comp=Z,1.4nm,0.6s	I27K Kandik River	55.73	340	P	P	22 29 33.7	+0.4
KMSC Kings Mountain	24.10	39	P	P	P	22 25 11.3	-1.4	comp=Z,1.4nm,0.6s	KNK Knik Glacier	55.89	334	P	P	22 29 35.1	+0.7
N23A Red Feather La	24.18	348	P	P	P	22 25 13.4	-0.3	comp=Z,1.4nm,0.6s	SML Sawhill	56.03	334	P	P	22 29 35.7	+0.2
OSI Osito Audit: C	24.32	319	P	P	P	22 25 16.5	+1.7	comp=Z,1.4nm,0.6s	I26K Coal Creek Min	56.05	340	P	P	22 29 36.1	+0.6
SCZ2 Santa Cruz Isl	24.52	317	P	P	P	22 25 18.2	+1.6	comp=Z,1.4nm,0.6s	H27K Steamboat Moun	56.10	341	P	P	22 29 36.3	+0.4
MPMC Manual Propsec	24.56	323	P	P	P	22 25 18.4	+1.2	comp=Z,1.4nm,0.6s	PMR Palmer	56.20	334	P	P	22 29 37.2	+0.2
SS1A Seaville	24.68	32	P	P	P	22 25 17.2	-0.7	comp=Z,1.4nm,0.6s	RC01 Rabbit Creek A	56.27	333	P	P	22 29 37.5	+0.4
ARVC Arvin	24.73	320	P	P	P	22 25 20.5	+2.1	comp=Z,1.4nm,0.6s	OHAK Old Harbor	56.28	328	P	P	22 29 38.2	+1.0
RDMU Red Mountain	24.78	342	Iamb	Iamb	P	22 25 21.5		comp=Z,1.4nm,0.6s	Q25K Shuyak Island	56.39	330	P	P	22 29 38.1	+0.1
HDIL Hopeville	24.84	19	P	P	P	22 25 19.0	-0.4	comp=Z,1.4nm,0.6s	J25K Salcha River	56.40	338	P	P	22 29 37.7	-0.4
SBC Santa Barbara	24.85	317	P	P	P	22 25 21.3	+1.9	comp=Z,1.4nm,0.6s	HOM Homer	56.48	331	P	P	22 29 39.3	+0.7
ISA Isabella, Lake	24.86	321	P	P	P	22 25 21.7	+1.9	comp=Z,1.4nm,0.6s	SII Sitikak Islan	56.50	327	P	P	22 29 39.7	+0.8
CWC Cottonwood Cre	24.87	323	P	P	P	22 25 23.8	+1.2	comp=Z,1.4nm,0.6s	G27K Doyon Strip	56.51	341	P	P	22 29 39.1	+0.3
PKM Mpherson Peak	25.19	318	P	P	P	22 25 24.1	+1.3	comp=Z,1.4nm,0.6s	E29M Blow River	56.52	344	Iamb	Iamb	22 29 40.4	
R11B Troy Canyon, C	25.26	329	P	P	P	22 25 25.0	+1.6	comp=Z,1.4nm,0.6s	E29M Blow River	56.52	344	P	P	22 29 38.6	-0.2
VES Vestal, Richgr	25.35	321	P	P	P	22 25 26.4	+2.3	comp=Z,1.4nm,0.6s	F28M Old Crow	56.52	343	P	P	22 29 39.2	+0.4
DUG Dugway, Tocele	25.57	336	P	P	P	22 25 27.2	+1.1	comp=Z,1.4nm,0.6s	CAPN Captain Cook N	56.74	333	P	P	22 29 40.9	+0.4
SMMC Simmler	25.57	319	P	P	P	22 25 28.7	+2.5	comp=Z,1.4nm,0.6s	A36M Sachs Harbour	56.75	351	P	P	22 29 40.0	-0.3
BLA Blackburg	26.06	37	P	P	P	22 25 30.4	-0.2	comp=Z,1.4nm,0.6s	HDA Harding Lake	56.86	338	P	P	22 29 41.4	+0.1
O48B Farmland	26.08	26	P	P	P	22 25 30.5	-0.2	comp=Z,1.4nm,0.6s	SUA Susitna One	56.88	333	P	P	22 29 41.7	+0.1
HWUT Hardware Ranch	26.36	339	Iamb	Iamb	P	22 25 54.4		comp=Z,1.4nm,0.6s	PRP Porcupine Dome	56.98	339	P	P	22 29 42.2	-0.1
NVAR Mina Array Bea	26.71	326	P	P	P	22 25 37.8	+1.1	comp=Z,1.4nm,0.6s	R18K Karluk	57.00	328	P	P	22 29 42.4	+0.1
NVAR Mina Array Bea	26.71	326	P	P	P	22 25 38.5	+1.9	comp=Z,1.4nm,0.6s	CHIR Chirikof Islan	57.00	326	P	P	22 29 42.7	+0.3
NVAR Mina Array Bea	26.71	326	P	P	P	22 25 38.5	+1.9	comp=Z,1.4nm,0.6s	ILAR Etelson Array	57.03	338	P	P	22 29 43.0	+0.5
JFWS Jewell Farm	26.76	15	P	P	P	22 25 37.3	+0.5	comp=Z,1.4nm,0.6s	E28M Babbage River	57.10	344	Iamb	Iamb	22 29 43.5	
PDAR Pinedale Array	26.80	344	P	P	P	22 25 37.1	-0.3	comp=Z,1.4nm,0.6s	E28M Babbage River	57.10	344	P	P	22 29 43.3	+0.4
PDAR Pinedale Array	26.80	344	P	P	P	22 25 37.6	+0.2	comp=Z,1.4nm,0.6s	O20K Slope Mountain	57.10	331	P	P	22 29 44.0	+0.9
PDAR Pinedale Array	26.80	344	P	P	P	22 25 37.6	+0.2	comp=Z,1.4nm,0.6s	P19K Oil Pt	57.21	331	P	P	22 29 43.9	0.0
PS2A Corning	26.94	31	P	P	P	22 25 39.0	+0.6	comp=Z,1.4nm,0.6s	G26K Porcupine Rive	57.26	341	P	P	22 29 44.0	0.0
ACSO Alum Creek Sta	27.01	29	P	Iamb	Iamb	22 25 39.3	+0.3	comp=Z,1.4nm,0.6s	E27K Coleen River	57.39	343	P	P	22 29 45.0	0.0
ACSO Alum Creek Sta	27.01	29	P	Iamb	Iamb	22 25 39.3	+0.3	comp=Z,1.4nm,0.6s	N20K Mount Spurr	57.39	333	P	P	22 29 45.9	+0.7
ELK Elko	27.03	333	LR	LR	P	22 27 38.9		comp=Z,1.4nm,0.6s	D28M Stokes Point	57.40	345	P	P	22 29 44.3	-0.6
RSSD Black Hills	27.03	353	P	P	P	22 25 40.1	+0.7	comp=Z,1.4nm,0.6s	POKR Poker Plat Res	57.42	338	P	P	22 29 46.1	+0.9
O53A New Philadelphia	27.87	31	P	P	P	22 25 46.8	+0.1	comp=Z,1.4nm,0.6s	SKT Skwentna	57.45	334	P	P	22 29 45.8	+0.3
SPMM Marine on St.	28.44	10	P	P	P	22 25 52.1	+0.4	comp=Z,1.4nm,0.6s	H25L Birch Creek	57.51	340	P	P	22 29 46.5	+0.7
CBN Corbin Frederi	28.51	39	P	P	P	22 25 52.5	0.0	comp=Z,1.4nm,0.6s	NEA2 Nenana	57.73	337	P	P	22 29 48.9	+1.4
RLMT Red Lodge	28.94	346	P	P	P	22 25 57.5	+1.0	comp=Z,1.4nm,0.6s	F26K Sheek River	57.83	342	P	P	22 29 48.8	+0.7
M53A Wi Miller and	29.04	30	P	P	P	22 25 57.1	-0.1	comp=Z,1.4nm,0.6s	G25K Bearman Lake	57.98	340	P	P	22 29 49.6	+1.2
HLID Hailey	29.07	337	P	P	P	22 25 58.6	+1.0	comp=Z,1.4nm,0.6s	D27M Malcolm River	57.92	344	P	P	22 29 49.7	+1.0
LAO LASA Array	29.85	351	P	P	P	22 26 04.0	-0.3	comp=Z,1.4nm,0.6s	Q17K Contact Creek	57.96	329	P	P	22 29 50.5	+1.2
ERPA Erie	29.89	30	P	P	P	22 26 04.5	-0.2	comp=Z,1.4nm,0.6s	P18K Big Mountain,	58.05	330	P	P	22 29 50.0	+0.3
BOZ Bozeman (W)	29.99	343	P	P	P	22 26 05.9	+0.2	comp=Z,1.4nm,0.6s	M20K Styx River	58.09	333	P	P	22 29 50.9	-0.2
MDND Maddock	30.49	360	P	P	P	22 26 09.2	-0.7	comp=Z,1.4nm,0.6s	I23K						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VABM Dome, Avaraat Lake, Purcell Mouna, Bethel, Anvik River, Wolf Creek Mou, Tagayay City, Knifeblade Rid, Shalereucki Mo, Nigu River, Redstone River, Unalakleet, Teshekpuk Lake, Granite Mouna, Ikpikpuk River, Kukka Creek, Dall Lake, Ethluk River, Selawik, Kwalik Mouna, Unalaska Valle, Kuna River, Sinclair Lake, Nanvaranak Lak, Meadea River, Baldwin Pennin, Koyuk River, Barrow, Lookout Ridge, Hotham Inlet, Mekoryuk, Niukluk, Utukok River, Nikolski High, Noatak River, Nome, North Star Dit, Kokolik River, Wainwright, DeLong Mountai, Saint George I, Arctic Creek, Lisburne Hills, Saint Paul Is, Tin City, Gambell, Petropavlovsk, Warramunga Arr, Panzhihua.

JMA 16 22:20:43.0,0.1,24.2N;0.3;123.8E;0.3, h17km,1km, Mv3.3/10, NEAR ISHIGAKIJIMA ISLAND
JMA Felt J1 at NEAR ISHIGAKIJIMA ISLAND,
ISC 16 22:20:43.1,0.9,24.21N;0.05;123.83E;0.03, h17km,2.7km, n15, c043/22, Southwestern Ryukyus Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Ishigakijimahi, Yonaguni jima, Yonaguni jima, Yonaguni jima, Yonagunijimaku, Tarama, Miyako jima, Ninganchiao, Yeheng, Yu-li, Suanglung, Beinan.

BJI 16 22:33:10.5,0.0,17.38N;121.81E, h187km, mb4.5/46, mB4.9/14
DJA 16 22:33:12.4,0.7,17.NL4;12.2E;1, h182km,10km, M4.7/15, mB5.3/6, mb4.5/15, MLv4.8/1, Mw(m)B4.7/6
IDC 16 22:33:12.8,1.0,17.35N;121.80E, h199km,9km, mb4.1/29, mbtmp4.6/32, MS4.0/1, Error ellipse: s-maj=12.1km s-min=6.7km az=79.0

NEIC 16 22:33:12.3,1.5,17.45N;0.05;121.8E;0.1, h183km,4km, mb4.5/80, Error ellipse: s-maj=15.3km s-min=7.8km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tagayay City, Beinan, Pinlang, Ta-pu, Yulub, Yulub, Yulub, Suanglung, Ninganchiao, Yeheng, Taipei.

Table with columns: KNMB, JOW, MYLDM, GYA, GTOI, MPSI, SBUM, JNU, JNU, LYN, LYN, BKB, KMI, KMI, KSM, KSM, MTKI, TJN, JMN, SWI, KSAR, PZH, PZH, KRSR, KS19, CMAR, CMAR, KAPI, KAPI, FAKI, BBSI, JGF, BLIT, BJI, BJI, MJAR, KULM, KULM, IPM, IPM, LZH, LZH, HHC, HHC, EDFI, JMM, BATI, UGM, YA0B, USKR, KASI, MNAI, BNX, BNX, GSI, GSI, GSH, GSH, SHL, GOMU, GOMU, SONM, SONM, SONM, SONM, FITZ, PSA00, PSA00, WRA, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MK31, MKAR, MKAR.

WRA 16 22:33:12.4,0.7,17.35N;121.80E, h199km,9km, mb4.1/29, mbtmp4.6/32, MS4.0/1, Error ellipse: s-maj=12.1km s-min=6.7km az=79.0

Table with columns: WRA, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, MK31, MKAR, MKAR.

Table with columns: MKAR, MAKZ, CTAO, PEAOB, PETK, KSH, KSH, NIL, ZAAO, ZALV, ZALV, MORW, MORW, KURK, KURK, KURB, KURB, ARSB, FORT, FORT, DRK, DRK, BTK, BTK, BTL, KBL, KK31, KK31, KKAR, KARATAY, KARATAY, NWAO, SIMJAN, SIMJAN, BB00, BB00, STKA, STKA, BVAR, BVAR, BRVK, TIXI, TIXI, HRA, NRIK, NRIK, NRIK, GEYT, GEYT, GEYT, GYA0B, GYA0B, ARU, ARU, SPIA, SPIA, NIKH, P08K, GAMB, UNV, M11K, TNA, F14K, ANM, K13K, F15K, F15K, M13K, C16K, J14K, G15K, L14K, S12K, M14K, N14K, D17K, H16K, G16K, C17K, L15K, O14K, K15K, K15K, E17K, M15K, F17K, H17K, J16K.

PPLA	Purkeypile	2.98 307	Pn	23 06 25.4 +1.4	O29M	Mount Kennedy	4.23 98	P	Pn	23 06 42.2 +0.9	baz=137	G25K	Bearman Lake	5.61 4	P	Pn	23 07 01.4 +1.4
PPLA	Purkeypile	2.98 307	P	23 06 25.5 +1.4	O29M	Mount Kennedy	4.23 98	P	Pn	23 06 42.2 +0.9	baz=137	G25K	Bearman Lake	5.61 4	P	Pn	23 07 01.4 +1.4
O20K	Slope Mountain	2.98 251	P	23 06 25.0 +1.0	M29M	Somme Creek	4.24 69	Pn	Pn	23 06 43.6 +2.2	baz=184	H27K	Steamboat Moun	5.61 23	P	Pn	23 07 01.9 +1.8
O20K	Slope Mountain	2.98 251	P	23 06 24.7 +0.7	M29M	Somme Creek	4.24 69	P	Pn	23 06 43.6 +2.2	baz=184	H27K	Steamboat Moun	5.61 23	P	Pn	23 07 01.9 +1.8
KTH	Kantishna Hill	2.99 324	Pn	23 06 25.9 +1.7	M18K	Stony River	4.26 278	P	Pn	23 06 41.6 +0.9	baz=208	G23K	Bananza Creek	5.70 348	Pn	Pn	23 07 02.5 +1.2
M20K	Styx River	3.01 286	Pn	23 06 25.5 +1.0	O18K	Koktuh Hills	4.27 255	IAML	Pn	23 06 41.2 -0.5	baz=83	G23K	Bananza Creek	5.70 348	Pn	Pn	23 07 02.4 +1.1
M20K	Styx River	3.01 286	Pn	23 06 25.1 +0.6	O18K	Koktuh Hills	4.27 255	IAML	Pn	23 06 41.2 -0.5	baz=83	O16K	Kokwok River B	5.72 259	Pn	Pn	23 07 01.4 -0.2
YUK2	White River	3.02 76	Pn	23 06 26.6 +2.0	N18K	Kilae Creek	4.36 267	IAML	Pn	23 06 42.8 -0.1	baz=69	O16K	Kokwok River B	5.72 259	Pn	Pn	23 07 01.7 +0.1
L27K	Beaver Creek	3.07 50	P	23 06 27.3 +2.0	N18K	Kilae Creek	4.36 267	IAML	Pn	23 06 42.8 -0.1	baz=69	I29M	Oglivie Camp	5.74 313	P	Pn	23 07 03.8 +2.1
L27K	Beaver Creek	3.07 50	P	23 06 27.3 +2.0	N18K	Kilae Creek	4.36 267	IAML	Pn	23 06 42.8 -0.1	baz=69	GCSA	Galena City Sc	5.74 313	P	Pn	23 07 02.3 +1.5
BCAR	Beaver Creek A	3.09 50	Pn	23 06 27.6 +2.0	YUK7	Dusty Glacier	4.39 95	Pn	Pn	23 06 44.9 +1.5	baz=124	M16K	Timber Creek	5.80 274	P	Pn	23 07 02.2 -0.4
SCRK	Beaver Creek	3.13 25	Pn	23 06 27.6 +1.5	PRP	Porcupine Dome	4.39 8	IAML	Pn	23 06 44.6 +1.1	baz=83	M16K	Timber Creek	5.80 274	P	Pn	23 07 02.7 +0.1
SCRK	Sand Creek	3.13 25	Pn	23 06 27.4 +1.3	PRP	Porcupine Dome	4.39 8	P	Pn	23 06 44.6 +1.1	baz=83	N16K	Nishlik Lake	5.80 268	Pn	Pn	23 07 02.8 +0.1
IVE	Blatnu Volcan	3.19 251	Pn	23 06 27.5 +0.6	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	N16K	Nishlik Lake	5.80 268	Pn	Pn	23 07 03.1 +0.4
YUK3	Moose Creek	3.20 77	Pn	23 06 28.9 +1.8	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	WHY	Whitehorse	5.94 90	Pn	Pn	23 07 05.7 +1.0
YUK3	Moose Creek	3.20 77	Pn	23 06 28.9 +1.8	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J30M	Hart River	5.95 51	Pn	Pn	23 07 04.8 +2.9
BWN	Browne	3.20 340	Pn	23 06 28.3 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J30M	Hart River	5.95 51	Pn	Pn	23 07 06.6 +1.8
HDA	Harding Lake	3.23 0	P	23 06 28.9 +1.6	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	SII	Sitkinak Islan	5.95 222	P	Pn	23 07 04.7 0.0
HDA	Harding Lake	3.23 0	P	23 06 28.9 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	SII	Sitkinak Islan	5.95 222	P	Pn	23 07 04.3 -0.5
CAST	Castle Rocks	3.26 316	Pn	23 06 29.2 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G26K	Corcutt River	5.95 12	Pn	Pn	23 07 02.3 +1.5
CAST	Castle Rocks	3.26 316	Pn	23 06 29.2 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G26K	Corcutt River	5.95 12	Pn	Pn	23 07 06.1 +1.4
CAST	Castle Rocks	3.26 316	Pn	23 06 29.2 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	L16K	Owhat River	6.00 280	Pn	Pn	23 07 05.0 -0.4
CAST	Castle Rocks	3.26 316	Pn	23 06 29.2 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	L16K	Owhat River	6.00 280	Pn	Pn	23 07 05.2 -0.2
WRH	Wood River Hill	3.33 352	IAML	23 06 30.1 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J17K	VABM Dome	6.05 297	P	Pn	23 07 06.5 +0.4
WRH	Wood River Hill	3.33 352	IAML	23 06 30.1 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J17K	VABM Dome	6.05 297	P	Pn	23 07 06.2 +0.2
WRH	Wood River Hill	3.33 352	IAML	23 06 30.1 +1.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	SKAG	Skagway	6.06 102	Pn	Pn	23 07 08.7 +2.5
O28M	Mount Upton	3.35 94	Pn	23 06 31.2 +1.9	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	SKAG	Skagway	6.06 102	Pn	Pn	23 07 07.8 +1.7
O28M	Mount Upton	3.35 94	Pn	23 06 30.4 +1.1	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G21K	Allakaket	6.06 335	Pn	Pn	23 07 06.5 +0.3
BPAW	Bear Paw Mtn.	3.45 330	IAML	23 06 31.3 +0.9	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G21K	Allakaket	6.06 335	Pn	Pn	23 07 06.9 +0.6
BPAW	Bear Paw Mtn.	3.45 330	IAML	23 06 31.3 +0.9	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H19K	Roundabout Mou	6.08 320	P	Pn	23 07 07.4 +1.0
BPAW	Bear Paw Mtn.	3.45 330	IAML	23 06 31.3 +0.9	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H19K	Roundabout Mou	6.08 320	P	Pn	23 07 06.8 +0.3
P19K	Oil Pt	3.45 246	IAML	23 06 30.9 +0.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G22K	Bettles	6.08 343	P	Pn	23 07 07.5 +1.1
P19K	Oil Pt	3.45 246	IAML	23 06 30.9 +0.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G22K	Bettles	6.08 343	P	Pn	23 07 07.5 +1.1
P19K	Oil Pt	3.45 246	IAML	23 06 30.9 +0.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	M31M	Druy Creek, Y	6.09 75	Pn	Pn	23 07 08.3 +1.7
P19K	Oil Pt	3.45 246	IAML	23 06 30.9 +0.4	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G27K	Doyon Strip	6.11 20	Pn	Pn	23 07 08.4 +1.5
CCB	Clear Creek Bu	3.49 354	IAML	23 06 32.0 +1.1	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G27K	Doyon Strip	6.11 20	Pn	Pn	23 07 08.6 +1.7
CCB	Clear Creek Bu	3.49 354	IAML	23 06 32.0 +1.1	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	COLD	Coldfoot	6.22 348	P	Pn	23 07 09.5 +1.1
CCB	Clear Creek Bu	3.49 354	IAML	23 06 32.0 +1.1	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	COLD	Coldfoot	6.22 348	P	Pn	23 07 09.2 +0.9
CCB	Clear Creek Bu	3.49 354	IAML	23 06 32.0 +1.1	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	I30M	Mount Dempster	6.28 45	Pn	Pn	23 07 11.8 +2.5
L20K	Farewell, AK	3.50 295	P	23 06 31.5 +0.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H29M	Whitestone	6.34 34	Pn	Pn	23 07 11.7 +1.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H29M	Whitestone	6.34 34	Pn	Pn	23 07 11.6 +1.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	BMAR	Burnt Mountain	6.35 9	Pn	Pn	23 07 12.2 +2.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	S31K	Pelican	6.36 116	Pn	Pn	23 07 10.5 +0.2
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	S31K	Pelican	6.36 116	Pn	Pn	23 07 11.1 +0.8
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F24K	Squaw Lake	6.37 357	Pn	Pn	23 07 13.0 +2.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F24K	Squaw Lake	6.37 357	Pn	Pn	23 07 12.1 +1.7
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F25K	Christian River	6.46 5	P	Pn	23 07 13.4 +1.7
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F25K	Christian River	6.46 5	P	Pn	23 07 12.8 +1.1
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H18K	Honhosa River	6.49 313	Pn	Pn	23 07 12.6 +0.5
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	H18K	Honhosa River	6.49 313	Pn	Pn	23 07 12.6 +0.5
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	N15K	Kwethuk River	6.51 267	Pn	Pn	23 07 12.4 0.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	N15K	Kwethuk River	6.51 267	Pn	Pn	23 07 12.4 0.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	FARO	Faro, Yukon	6.58 75	Pn	Pn	23 07 14.7 +1.3
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F26K	Sheenjek River	6.65 9	P	Pn	23 07 15.9 +1.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F26K	Sheenjek River	6.65 9	P	Pn	23 07 15.9 +1.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F26K	Sheenjek River	6.65 9	P	Pn	23 07 15.9 +1.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F21K	Alatina River	6.68 338	P	Pn	23 07 15.7 +1.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	F21K	Alatina River	6.68 338	P	Pn	23 07 15.7 +1.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	M15K	Kasigluk River	6.68 272	Pn	Pn	23 07 14.6 -0.2
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	M15K	Kasigluk River	6.68 272	Pn	Pn	23 07 14.8 0.0
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G19K	Purcell Moun	6.69 322	Pn	Pn	23 07 15.6 +0.8
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	G19K	Purcell Moun	6.69 322	Pn	Pn	23 07 15.8 +0.9
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J16K	Anvik River	6.69 294	P	Pn	23 07 14.9 +0.1
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	J16K	Anvik River	6.69 294	P	Pn	23 07 15.4 +0.6
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	O15K	Ungalikthiuk R	6.70 258	P	Pn	23 07 15.2 +0.2
J25K	Salcha River	3.52 12	IAML	23 06 32.7 +1.3	KDAK	Kodiak Island	4.45 222	IAML	Pn	23 06 44.2 +0.2	baz=77	O15K	Ungalikthiuk R				

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NMHZ, ARHZ, HIZ, BKZ, etc.

TIR 17 00:40:30.0, 39.17N:20.61E, h11km, M13.5
BEO 17 00:40:31.1, 1.1, 38.88N:20.45E, h44km, 8km, ML3.0/11
IDC 17 00:40:31.5, 0.9, 39.49N:20.77E, h0km, mb3.6/11

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FRGS, A050A, BLY, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Rows include RAFI, IKFM, IBDR, JHBN, ZNGN, IPIR, KLNJ, HSAM, BHD, IDHR, IGAR, IKLH, IRAM, OAMS, QZFS.

SJA 1701:38:10.2,0.6,26.035:71:34W,h7km,ML3.6,MW3.2
GUC 1701:38:13.0,0.9,26.055:71:14W,h38km,13km,ML3.1
ISC 1701:38:13.5,1.1,26.065:0.02:71:13W,0.07,h31km,n23,

02:38/36,1C,Off coast of northern Chile

Main table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Rows include AC01, AC02, AC06, PB14, GO02, GO03, AC04, PB10, AC05, LCO, PB15, PB06, PB04, LVC, AROD, ACCO, DOCA, DOCA.

IDC 1701:45:35.9,0.5,39.20S:16:03W,h0km,mb4.3/12,
mbmp4.3/12,MS4.0/36,Error ellipse: s-maj=19.8km,
s-min=16.8km,az=89.0

NEIC 1701:45:37.2,1.1,39.2S:0.1:15:7W:0.1,h10km,1km,
mb4.7/13,Error ellipse: s-maj=25.4km,s-min=16.1km,
az=27.0

GCMT 1701:45:42.0,0.3,39.40S:0.03:15:7W:0.02,h12km,
MW4.8/103,Moment Tensor Solution. s38,c44;
M103,c144; Duration: 0 Moment tensor: Scale 10^16Nm;

M20.20±.07; M90.05±.08; M92.15±.05; M9.01±.33;
M90.029±.06; M9.021±.22; Best double couple:
M22.20900±1016 NPT19.1100000; 846.000000;
A:86.000000; NPT29.185.000000; 842.000000;
A:94.000000; Principal axes: T 2.2010, P1g3.0000;
A:78.0000; N 0.0180, P1g3.0000; Azm188.0000;
P -2.2170, P1g6.0000; Azm321.0000; nst1a refers to
body waves, cutoff=40s. nst2a refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 1701:45:37.1,0.4,39.14S:0.09:15.9W:0.1,h10km,n200,
01511/162,mb4.4/19,MS4.0/37,4C,Tristan da Cunha

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Rows include H10S2, H10S3, SUR, H10N1, H10N3, H10N2, VNA2, VNA3, SNA4, SNA5, SNA6, TROLL, TBSUM, TOSU, BDFB, BDFB.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Rows include CPUP, LBTB, PMSA, BELA, PLCA, MT01, CO01, SIV, AC05, DBIC, AC01, H04S2, H04S3, H04S1, GO01, MAW, LPAZ, LPAZ, QSPA, QSPA, ETMB, ETMB, TOAO, TOAO, TORD, TORD, TORD, TORD, MDP, MDP, MBAR, NNA, VNDA, VNDA, ATAH, PCRV, ROSC, SDV, MDT, GCPR, KEST, KEST, ESDC, ESDC, VAE, EIL, MMAI, DAVOX, BRTR, GERES, CMIG, VRAC, H01W2, H01W3, H01W1, WSAR, GNI, TBI, PPT2, PPT2, PDAR, KZMB, MKAR, YKA, EPYK, I30M, E29M, J30M, D28M, G29M, M30M, E28M, H29M.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Rows include K29M, N30M, SONM, D27M, F28M, M29M, E27K, I28M, DAWY, C27K, G27K, H27K, C26K, I27K, F26K, G26K, L27K, BMAR, BMAR, I26K, E25K, F25K, J26L, C24K, G25K, H25L, PRP, C23K, E24K, F24K, I23K, ILAR, ILAR, COLD, D22K, G23K, E22K, F22K, B20M, SML, F21K, D20K, G21K, I20K, F20K, C19K, CHUM, EAST, E19K, SUA, H20K, B18K, PPLA, SKT, C18K, J19K, F20K, G19K, H19K, N20K, SPCR, B20K, M20K, E18K, L20K, C17K, J19K, F18K, G18K, O20K, RDOG, M19K, L19K, H18K, D17K, E17K, Q20K, J18K, F17K, C16K, N19K, KDAK, Q19K, G17K.

Principal axes: T 0.9640, Plg71.0000°, Azm196.0000°; N -0.0340, Plg18.0000°, Azm352.0000°; P -0.9300, Plg7.0000°, Azm84.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function MAN 17 02:39:36.1, 6.05N; 125.78E, h128km, mb5.8, ML4.8, MS5.2

NEIC 17 02:39:37.6, 2.6, 6.14N; 0.05; 125.75E; 0.08, h120km, 4km, mb5.3/344, Mw5.2/28, Error ellipse: s-maj=11.6km s-min=7.3km az=69.0

NEIC 17 02:39:37.8, 6.13N; 125.73E, h120km NEIC 17 02:39:37.6, 6.03N; 125.93E, h120km, Moment Tensor Solution: Duration: 2s1 Moment tensor: Scale 10^18Nm; Mv: 7.61; Mw: 0.90; Mw: 8.51; Mw: 2.12; Mw: 1.54; Mw: 1.33; Fault plane solution: Mw: 8.59000x10^16 NP1: 0.336, 82000°, 852.47000°, 71.56000°. NP2: 0.185, 52000°, 841.21000°, 112.38000°. Principal axes: T 8.2652, Plg74.0000°, Azm191.0000°; N 0.6555, Plg15.0000°, Azm348.0000°; P -8.9207, Plg6.0000°, Azm80.0000°;

IDC 17 02:39:37.4, 0.5, 6.13N; 125.63E, h133km, 4km, mb4.8/31, mbmp5.2/32, MS3.7/30 Error ellipse: s-maj=12.9km s-min=6.5km az=69.0

DJA 17 02:39:37.5, 6.03N; 125.72E, h123km, 3km, M5.5/102, mb5.7/102, mb5.9/66, MLv6.0/10, Mw5.2/20, Mw(m)35.5/66, MwMwp5.1/12, MwP5.3/12

ISC 17 02:39:37.3, 0.3, 6.10N; 0.03; 125.70E; 0.03, h131km, 2km, h131km, p-P, n1224, c153/1216, mb5.3/303, 61C-43D, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, s, ISC. Lists various seismic stations and their parameters.

Table with columns: DLV, T Lat, 17.96 290, Pn, Iamb, Iamb, 02 43 41.5 +2.4, 02 43 44.0. Lists seismic events with station codes and coordinates.

Table with columns: WRA, comp=Z, 5.2nm, 0.8s, baz=345, slow=3.3, SNR=4.3, ScP, ScP, 02 51 54.1 -0.6. Lists seismic events with station codes and coordinates.

17d 2h

2018 JUN

950

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like M30M Minto, P29M Windy Craggy, N30M Aishiky Lake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TESR Tescani, VRI Vriociaia, STEI Vriociaia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ARSA Arzberg, BLS5 Blasjo, CLL5 Colim, etc.

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like GRFO Gränberg, LESA Schwarzeleot, C16K Lisburne Hills, etc.

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like H19K Roundabout Mou, H19K Roundabout Mou, E22K Anaktuvuk Pass, etc.

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like O16K Kokkuk River B, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like Miner Creek, Paxson, Knik Glacier, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like Whitehorse, Quiet Lake, Pleasant Camp, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like SAML Samuel, SAML Samuel, etc.

NOU 17 03:25:03.2, 10:04S:161.76E, h0km, mb4.6/9, Solomon Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like HNR Honiara, DVP Devils Point, etc.

TRN 17 03:46:45.4, 10:84N:62.28W, h80km, MD3.2, North of the Paria peninsula.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like TCE Chacachacare, TRN Trinidad (W), etc.

IDC 17 03:59:10.8:2.7, 6:82S:155.35E, h68km, 22km, mb4.3/20, mbmtap.6/22, MS3.6/16, Error ellipse: s-maj=17.8km

NEIC 17 03:59:13.1:1.4, 6:93S:0:08:155:30E:0:08, h86km, 6km, mb4.8/15, Error ellipse: s-maj=12.9km s-min=9.7km

DJA 17 03:59:14.5:0.5:7:54:15:5E:1, h97km, 5km, M5.0/19, mb5:5/5, mb4.8/10, MLU5:1/2, MW(mB)4.9/5

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

G21K	Allakaket	81.99	18	P	P	04 11 23.3 +0.9
MLY	Manley	82.00	20	P	P	04 11 23.1 +0.6
C19K	Lookout Ridge	82.00	15	Iamb	Iamb	04 11 24.6
C19K	Lookout Ridge	82.00	15	P	P	04 11 22.8 +0.4
BMRM	Bremner River	82.14	25	P	P	04 11 23.8 +0.4
H22K	Ishlitalna Cre	82.30	19	P	P	04 11 25.0 +1.0
BGLC	Bering Glacier	82.30	26	P	P	04 11 23.5 -0.5
E20K	Nigu River	82.32	16	P	P	04 11 25.4 +1.3
NEA2	Nenana	82.33	21	P	Iamb	04 11 23.0 -1.2
NEA2	Nenana	82.33	21	P	P	04 11 24.6
NEA2	Nenana	82.33	21	P	P	04 11 24.7 +0.5
A19K	Wainwright	82.42	14	P	P	04 11 25.6 +1.0
F21K	Alatna River	82.44	18	P	P	04 11 25.8 +1.1
N25K	Chitina, Valde	82.46	25	P	P	04 11 25.5 +0.5
D20K	Etiuvik River	82.51	16	P	P	04 11 25.1 0.0
I23K	Minto, Yukon-K	82.54	21	P	P	04 11 25.6 +0.4
GLB	Gilahina Butte	82.71	25	P	Iamb	04 11 26.4 +0.1
GLB	Gilahina Butte	82.71	25	P	Iamb	04 11 28.2
PAX	Paxson	82.80	23	P	P	04 11 27.6 +0.8
CCB	Clear Creek Bu	82.81	21	Iamb	Iamb	04 11 26.9
H23K	Yukon River	82.87	20	Iamb	Iamb	04 11 28.6
H23K	Yukon River	82.87	20	P	P	04 11 28.0 +1.0
G22K	Bettles	82.87	19	P	P	04 11 28.0 +1.1
MESA	MESA	82.92	27	P	P	04 11 27.7 +0.1
COLA	College	82.92	21	P	Iamb	04 11 26.4 -0.8
COLA	College	82.92	21	P	Iamb	04 11 28.0
COLA	College	82.92	21	P	P	04 11 26.7 -0.5
HDA	Harding Lake	83.00	22	P	P	04 11 27.9 +0.3
MCARA	McCarthy VSAT	83.02	25	P	P	04 11 28.4 +0.6
QSPA	South Pole Qui	83.02	180	P	Iamb	04 11 28.7 +0.8
QSPA	South Pole Qui	83.02	180	P	Iamb	04 11 30.6
QSPA	South Pole Qui	83.02	180	P	P	04 11 29.2 +1.3
QSPA	South Pole Qui	83.21	21	P	P	04 11 28.1 -0.6
F22K	John River	83.02	18	P	P	04 11 28.0 +0.3
E21K	Killik River	83.07	17	Iamb	Iamb	04 11 29.8
E21K	Killik River	83.07	17	P	P	04 11 29.4 +1.5
POKR	Poker Plat Res	83.20	21	P	P	04 11 29.2 +0.5
ILAR	Eielson Array	83.21	21	P	P	04 11 27.7 -1.0
ILAR	Eielson Array	83.21	21	P	P	04 11 28.1 -0.6
ILAR	Eielson Array	83.21	21	P	P	04 29 49.9 -2.4
G23K	Bananza Creek	83.22	19	P	Iamb	04 11 29.3 +0.5
G23K	Bananza Creek	83.22	19	P	Iamb	04 11 30.6
G23K	Bananza Creek	83.22	19	P	P	04 11 29.8 +0.9
I20K	Eielson Array	83.22	21	P	P	04 11 28.2 -0.7
B20K	Meade River	83.24	15	Iamb	Iamb	04 11 30.6
B20K	Meade River	83.24	15	P	P	04 11 29.5 +0.8
C21K	Knifblade Rid	83.30	16	P	P	04 11 29.7 +0.6
COLD	Coldfoot	83.46	19	P	P	04 11 30.8 +0.8
COLD	Coldfoot	83.46	19	P	P	04 11 30.9 +0.9
E22K	Anaktuvuk Pass	83.51	17	Iamb	Iamb	04 11 32.1
E22K	Anaktuvuk Pass	83.51	17	P	P	04 11 30.9 +0.6
M26K	Nabesna, AK	83.51	24	P	P	04 11 30.9 +0.5
CTG	Chitna Glacier	83.54	26	P	P	04 11 31.2 +0.5
MKAR	Makanchi Array	83.61	319	P	P	04 11 30.7 -0.5
MKAR	Makanchi Array	83.61	319	P	P	04 11 31.1 -0.1
MKAR	Makanchi Array	83.61	319	P	P	04 29 50.0 -0.5
B21K	Ikkipuk River	83.65	16	P	Iamb	04 11 32.0 +1.2
B21K	Ikkipuk River	83.65	16	P	Iamb	04 11 32.8
B21K	Ikkipuk River	83.65	16	P	P	04 11 31.5 +0.7
L26K	Log Cabin Wild	83.67	24	P	Iamb	04 11 30.9 -0.2
L26K	Log Cabin Wild	83.67	24	P	Iamb	04 11 32.9
L26K	Log Cabin Wild	83.67	24	P	P	04 11 32.5 +1.3
J25K	Salcha River	83.69	22	P	Iamb	04 11 30.9 -0.4
J25K	Salcha River	83.69	22	P	Iamb	04 11 32.4
J25K	Salcha River	83.69	22	P	P	04 11 31.6 +0.3
D22K	Aiyikayk River	83.71	17	P	P	04 11 32.4 +1.1
MAK2	Makanchi	83.82	319	P	P	04 11 31.7 -0.6
MAK2	Makanchi	83.82	319	P	Iamb	04 11 43.2
PNL	Peninsula	83.85	28	P	P	04 11 33.5 +1.4
SCRK	Sand Creek	83.89	23	P	P	04 11 32.8 +0.5
SCRK	Sand Creek	83.89	23	P	P	04 11 33.1 +0.8
M27K	Edge Creek, AK	83.95	25	P	P	04 11 33.1 +0.3
M27K	Edge Creek, AK	83.95	25	P	P	04 11 33.3 +0.5
O28M	Mount Upton	83.96	26	P	P	04 11 33.7 +0.6
PRP	Porcupine Dome	84.10	21	P	P	04 11 35.0 +1.6
A21K	Barrow	84.27	14	P	P	04 11 35.9 +0.9
YUK3	Moose Creek	84.29	25	P	P	04 11 35.9 +1.3
L27K	Beaver Creek,	84.30	24	P	P	04 11 35.8 +1.4
J26L	Joseph Creek	84.30	22	P	Iamb	04 11 35.2 +0.8
J26L	Joseph Creek	84.30	22	P	Iamb	04 11 35.4 +1.0
BCAR	Beaver Creek A	84.32	24	P	P	04 11 34.7 +0.2
D23K	Nanusuk River	84.34	17	P	P	04 11 36.1 +1.7
ZALV	Zalesovo Beam	84.35	326	P	P	04 11 33.4 -1.3
ZALV	Zalesovo Beam	84.35	326	P	P	04 11 33.9 -0.9
F24K	Squaw Lake	84.37	19	P	Iamb	04 11 35.0 +0.4
F24K	Squaw Lake	84.37	19	P	Iamb	04 11 37.0
F24K	Squaw Lake	84.37	19	P	P	04 11 36.5 +1.9
YUK8	Steele Glacier	84.37	26	P	P	04 11 36.1 +1.0
H25L	Birch Creek	84.38	20	P	P	04 11 35.8 +1.1
B22K	Teshchuk Lake	84.43	15	P	P	04 11 35.3 +0.5
B22K	Teshchuk Lake	84.43	15	P	P	04 11 35.5 +0.8

A22K	Sinclair Lake	84.45	15	P	P	04 11 35.8 +0.9
TOLK	Toolik Lake Re	84.48	18	P	Iamb	04 11 35.7 +0.5
TOLK	Toolik Lake Re	84.48	18	P	Iamb	04 11 37.0
TOLK	Toolik Lake Re	84.48	18	P	P	04 11 36.6 +1.4
O29M	Mount Kennedy	84.49	27	P	P	04 11 36.4 +0.9
E24K	Four Creek	84.49	18	P	P	04 11 36.1 +0.8
G25K	Beaman Lake	84.55	20	P	P	04 11 36.6 +1.1
MAW	Matson	84.56	203	P	P	04 11 36.9 +1.3
P29M	Windy Craggy	84.60	28	P	P	04 11 36.6 +0.7
K27K	Chicken	84.65	23	Iamb	Iamb	04 11 40.4
K27K	Chicken	84.65	23	P	P	04 11 37.6 +1.5
S31K	Pelican	84.68	30	P	P	04 11 37.1 +0.8
FYU	Fort Yukon	84.74	20	Iamb	Iamb	04 11 39.3
SIT	Sitka	84.80	31	P	P	04 11 37.7 +0.8
YUK6	Outpost Mounta	84.85	27	P	P	04 11 37.9 +0.4
I26K	Coal Creek Min	84.85	22	P	P	04 11 37.5 +0.5
C23K	Ikilik River	84.88	16	Iamb	Iamb	04 11 39.2
C23K	Ikilik River	84.88	16	P	P	04 11 38.5 +1.4
YUK4	Talbot Arr	84.89	26	P	P	04 11 39.0 +1.5
D24K	Happy Valley	85.00	17	P	P	04 11 39.1 +1.4
F25K	Christian River	85.14	19	P	P	04 11 39.8 +1.3
P30M	Million Dollar	85.15	28	P	P	04 11 39.7 +1.0
PLBC	Pleasant Camp	85.18	28	P	P	04 11 39.4 +0.6
HYT	Haines Junctio	85.18	27	P	Iamb	04 11 39.3 +0.3
HYT	Haines Junctio	85.18	27	P	Iamb	04 11 41.7
HYT	Haines Junctio	85.18	27	P	P	04 11 39.3 +0.3
EGAK	Eagle	85.23	23	P	P	04 11 40.4 +0.9
EGAK	Eagle	85.23	23	P	Iamb	04 11 41.5
EGAK	Eagle	85.23	23	P	P	04 11 40.0 +0.5
C24K	Franklin Bluff	85.36	17	P	P	04 11 40.5 +1.1
BMAR	Mountaineer	85.40	20	P	P	04 11 41.0 +1.2
CRAG	Craig	85.40	33	P	P	04 11 41.2 +1.2
M29M	Somme Creek	85.42	25	P	P	04 11 40.2 +0.1
M29M	Somme Creek	85.42	25	P	P	04 11 40.7 +0.6
G26K	Porcupine River	85.43	20	P	P	04 11 40.8 +0.9
E25K	Arctic Village	85.44	19	P	P	04 11 40.8 +0.8
E25K	Arctic Village	85.44	19	P	P	04 11 41.5 +1.6
I27K	Kandik River	85.56	22	P	P	04 11 41.9 +1.2
U33K	Whale Pass	85.62	32	P	P	04 11 41.8 +0.8
N30M	Aishik Lake	85.62	26	P	P	04 11 41.7 +0.7
R32K	Eaglecrest	85.64	30	P	P	04 11 42.1 +1.0
SKAG	Skagway	85.67	29	P	P	04 11 42.2 +1.0
F26K	Sheenjek River	85.68	19	P	P	04 11 41.7 +0.5
DAWY	Dawson	85.72	24	P	P	04 11 42.0 +0.5
O30N	Mendenhall	85.80	27	P	P	04 11 42.7 +0.7
D25K	Kavik River	85.82	18	Iamb	Iamb	04 11 43.4
D25K	Kavik River	85.82	18	P	P	04 11 42.3 +0.5
L29M	L29M	85.83	25	Iamb	Iamb	04 11 46.1
L29M	L29M	85.83	25	P	P	04 11 42.5 +0.5
H27K	Steamboat Moun	85.88	21	P	P	04 11 42.4 +0.2
G27K	Doyon Strip	86.10	21	P	P	04 11 43.7 +0.4
G27K	Doyon Strip	86.10	21	P	P	04 11 43.7 +0.4
I28M	Miner Creek	86.11	22	P	Iamb	04 11 44.1 +0.7
I28M	Miner Creek	86.11	22	P	Iamb	04 11 47.0
I28M	Miner Creek	86.11	22	P	P	04 11 44.6 +1.2
WRAR	Wrangell Islan	86.12	32	P	P	04 11 44.0 +0.5
M30M	Minto, Yukon	86.18	25	P	P	04 11 44.1 +0.3
N31M	Braeburn, Yuko	86.21	27	P	P	04 11 44.1 +0.2
KSH	Kashi	86.26	310	pP	pP	04 11 47.0 +2.2
KSH	Kashi	86.26	310	pP	pP	04 11 57.0 +1.0
KSH	Kashi	86.26	310	sP	sP	04 12 02.3 -8.5
WHY	Whitehorse	86.31	28	P	P	04 11 44.9 +0.3
J29N	Klondike Camp	86.35	23	P	P	04 11 45.4 +0.8
K29M	Barlow Dome	86.38	24	Iamb	Iamb	04 11 48.4
K29M	Barlow Dome	86.38	24	P	P	04 11 45.0 +0.2
P32M	Atlin	86.48	29	P	P	04 11 46.7 +1.4
C26K	Camden Bay	86.57	17	P	P	04 11 46.6 +1.1
I29M	Ogilvie Camp,	86.69	23	P	Iamb	04 11 47.2 +1.0
I29M	Ogilvie Camp,	86.69	23	P	Iamb	04 11 50.1
E27K	Coleen River	86.76	19	P	P	04 11 47.5 +1.3
C27K	Jago River	86.78	18	P	P	04 11 48.0 +1.5
BOOM	Boomsokye usch	86.91	313	P	P	04 11 47.9 0.0
H29M	Whitstone	87.03	22	P	P	04 11 48.9 +1.1
KURBB	Kurchatov Arra	87.05	322	P	P	04 11 47.3 -0.9
KURBB	Kurchatov Arra	87.05	322	P	P	04 29 41.6 -0.8
M31M	Drury Creek, Y	87.08	26	P	P	04 11 49.9 +1.7
F28M	Old Crow	87.09	20	Iamb	Iamb	04 11 50.7
F28M	Old Crow	87.09	20	P	P	04 11 49.8 +1.7
P33M	Teslin, Yukon	87.12	28	P	P	04 11 49.4 +0.9
J30M	Hart River	87.15	24	Iamb	Iamb	04 11 51.4
J30M	Hart River	87.15	24	P	P	04 11 49.5 +0.9
S34M	Telegraph Cree	87.22	31	P	P	04 11 49.6 +0.8
N32M	Quiet Lake	87.31	27	P	P	04 11 50.0 +0.7
I30M	Mount Dempster	87.38	23	P	P	04 11 50.3 +0.7
I30M	Mount Dempster	87.38	23	P	P	04 11 50.6 +1.0
T35M	Bob Quinn	87.40	32	P	P	04 11 50.9 +1.1
G29M	Pin Creek	87.44	21	P	P	04 11 51.0 +1.3
D27M	Malcolm River	87.45	19	P	P	04 11 50.9 +1.1

FARO	Faro, Yukon	87.55	26	P	P	04 11 51.6 +1.2
E28M	Babbage River	87.63	19	P	P	04 11 52.2 +1.6
EPYK	Eagle Plains	87.70	22	P	P	04 11 52.5 +1.5
R33M	Jennings River	87.75	29	P	P	04 11 52.8 +1.3

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like EVO, PBEJ, PNCL, etc.

DJA 17 04:11:20.8;3.5;5'S;22°x13'4E;2'4, h10km, M4.4/7, mb4.7/2, MLV4.2/7

ISC 17 04:11:24.8;0.7;4.67S;0.08;133.9E;0.1;h21km,n40, r1566/39,mb4.1/8,Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like KMPI, FAKI, FAKI, etc.

ECX 17 04:24:48.0;0.3;30.36N;113.81W, h14km,4km, ML3.6

ISC 17 04:24:46.7;1.2;30.36N;0.03;113.83W;0.03,h14km,gkm, n32,r192/46,5C-1D,Gulf of California

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like SLGB, SLGB, SLGB, etc.

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like CBX, TJJG, TUCSON, etc.

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like CGIG, CGIG, 121A, etc.

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like BCIG, HPIG, NVAR, etc.

Table with columns: Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like TXAR, TXAR, ELK, etc.

BUI 17 04:32:14.3;0.0;55.97N;149.60W, h14km, mb4.8/40, mB5.1/15, Ms4.9/24, Ms7.4/6/24

ISC 17 04:32:17.2;0.8;56.27N;0.05;149.47W;0.03,h11km,gkm, n94, r130/858,mb4.8/228,MS4.9/22,16C-18, Gulf of Alaska

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like KDKA, KDKA, KDKA, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like KDKA, KDKA, KDKA, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like KDKA, KDKA, KDKA, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like Q20K, Q20K, Q20K, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like R18K, R18K, R18K, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like R18K, R18K, R18K, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like Q23K, Q23K, Q23K, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Frequency, Bandwidth, SNR, and other technical details for stations like BRLE, BRLE, BRLE, etc.

2018 JUN										17d 4h										
959	AUCH	Augustine Cone	3.76 327	Pn	04 33 15.9	+0.8	N17K	Nushagak Hills	5.89 320	P	Pn	04 33 43.6	-0.6	J17K	VABM Dome	8.62 330	P	Pn	04 34 22.2	+0.4
	ANCK	Angle Creek	3.80 303	Pn	04 33 16.0	+0.3	N25K	Chitina, Valde	5.92 23	P	Pn	04 33 44.0	-0.8	ILAR	Eielson Array	8.62 7	Pn	Pn	04 34 21.2	-0.6
	SEW	Seward	3.84 0	Pn	04 33 14.0	-2.2	CHNA	Chernabura Isl	5.92 260	P	Pn	04 33 43.5	-1.2	ILAR	comp=E, 2.6nm, 0.3s, baz=186, slow=13, SNR=5.0		Sn	04 35 55.1	-3.8	
	SEW	Seward	3.84 0	P	04 33 14.9	-1.3	CNBA	Chernabura Isl	5.92 260	Pn	Pn	04 33 42.9	-1.9	ILAR	comp=E, 2.6nm, 18.5s, baz=175, slow=40, comp=E, 5.4nm, 0.4s		LR	04 38 00.7		
	SEW	Seward	3.84 0	P	04 33 17.9	-11	M20K	Styx River	5.94 343	Pn	Pn	04 33 43.6	-1.3	K15K	Wolf Creek Mtn	8.62 319	P	Pn	04 34 22.9	+1.1
	SEW	Seward	3.84 0	S	04 33 57.2	-4.1	GLB	Glyahina Butte	5.96 27	Pn	Pn	04 33 43.4	-1.9	COLA	College	8.67 5	Pn	Pn	04 34 21.9	-0.5
	P19K	Oil Pt	3.94 331	Pn	04 33 16.3	-1.2	SAMH	Samovar Hills	6.00 46	Pn	Pn	04 33 45.5	-0.5	COLA	College	8.67 5	Pn	Pn	04 34 21.8	-0.6
	P19K	comp=E, 1.1um, 0.5s		IAML	04 34 08.4		MCARA	McCarthy VSAT	6.12 30	Pn	Pn	04 33 46.8	-0.7	COLA	College	8.67 5	Pn	Pn	04 34 22.3	0.0
	P19K	comp=N, 1.1um, 0.6s			04 34 10.8		M18K	Styx River	6.18 330	P	Pn	04 33 48.0	-0.3	COLA	College	8.67 5	Pn	Pn	04 34 21.3	-1.1
	P19K	Oil Pt	3.94 331	P	04 33 17.1	-0.5	M19K	Big River Lodg	6.19 338	P	Pn	04 33 47.4	-1.1	J26L	Joseph Creek	8.76 17	Pn	Pn	04 34 22.8	-0.9
	Q17K	baz=148, SNR=9.8	4.01 302	P	04 33 18.5	-0.1	M19K	White Mountain	6.19 338	P	Pn	04 33 47.6	-0.8	N31M	Braeburn, Yuko	8.80 48	Pn	Pn	04 34 24.1	-0.1
	Q17K	baz=118		S	04 34 04.2	-1.5	O15K	Ungalikthiuk R	6.26 302	P	Pn	04 33 49.9	+0.5	N31M	Braeburn, Yuko	8.80 48	Pn	Pn	04 34 24.6	+0.3
	KELA	Mount Kelaz	4.03 305	Pn	04 33 19.1	+0.2	SDPT	Sand Point	6.27 266	P	Pn	04 33 49.0	-0.6	MLY	Manley	8.81 356	P	Pn	04 34 23.8	-0.6
	O20K	Slope Mountain	4.17 338	Pn	04 33 20.0	-0.8	SDPT	Sand Point	6.27 266	P	Pn	04 33 48.9	-0.7	WHY	Whitehorse	8.81 54	Pn	Pn	04 34 24.5	0.0
	O20K	Slope Mountain	4.17 338	P	04 33 20.9	+0.1	CTG	Chitna Glacier	6.34 39	P	Pn	04 33 50.5	-0.1	I20K	Naaghadeneel	8.90 346	Pn	Pn	04 34 26.0	+0.5
	O20K	baz=155, SNR=7.1		S	04 34 09.2	-0.2	PNL	Peninsula	6.35 53	P	Pn	04 33 49.7	-0.9	I20K	Naaghadeneel	8.90 346	Pn	Pn	04 34 25.5	0.0
	ILSW	liiamna Southw	4.20 334	Ph	04 33 19.5	-1.7	PNL	Peninsula	6.35 53	P	Pn	04 33 50.5	-0.1	I23K	Minto, Yukon-K	8.91 0	Pn	Pn	04 34 25.8	+0.2
	ILSW	comp=E, 506nm, 0.8s		IAML	04 34 21.7		LOGN	Logan Glacier	6.36 41	Ph	Pn	04 33 49.4	-1.5	L29M	L29M	8.93 35	P	Pn	04 34 25.7	-0.3
	ILSW	comp=N, 454nm, 0.8s		IAML	04 34 25.2		BCPM	Bancas Point	6.39 51	Pn	Pn	04 33 49.0	-2.1	POKR	Poker Plat Res	8.93 6	Pn	Pn	04 34 26.0	0.0
	P18K	Big Mountain,	4.39 318	Pn	04 33 21.5	-2.2	N16K	Nishliik Lake	6.45 315	P	Pn	04 33 52.2	+0.2	J16K	Anvik River	8.99 326	Ph	Pn	04 34 26.5	-0.2
	P18K	Big Mountain,	4.39 318	P	04 33 22.9	-0.8	L19K	White Mountain	6.54 337	P	Pn	04 33 53.4	+0.2	J16K	Anvik River	8.99 326	Ph	Pn	04 34 25.8	-1.0
	P18K	baz=133		S	04 34 11.3	-3.6	M17K	Holinta River	6.60 325	P	Pn	04 33 53.7	-0.3	P32M	Atlin	9.02 62	P	Pn	04 34 26.6	-0.6
	HIN	Hinchinbrook I	4.42 19	Ph	04 33 22.2	-2.0	L20K	Farwell, AK	6.62 342	Pn	Pn	04 33 52.4	-1.9	I21K	Tanana	9.02 353	Pn	Pn	04 34 26.6	-0.6
	HIN	comp=E, 604nm, 0.5s		IAML	04 34 23.2		L20K	Farwell, AK	6.62 342	Pn	Pn	04 33 53.7	-0.6	M30M	Minto, Yukon	9.03 40	Pn	Pn	04 34 27.5	+0.2
	HIN	comp=N, 832nm, 0.9s		Pn	04 33 23.9	-1.6	O28M	Mount Upton	6.63 43	P	Pn	04 33 54.4	-0.3	U33K	Whale Pass	9.12 84	Ph	Pn	04 34 24.8	-3.7
	RED	Redoubt Volcan	4.51 339	P	04 33 25.0	-0.8	PPLA	Purkeyville	6.79 349	P	Pn	04 33 56.8	+0.1	U33K	Whale Pass	9.12 84	Ph	Pn	04 34 27.9	-0.7
	KAIM	Kayak Island	4.54 34	P	04 34 15.5	-3.0	PPLA	Purkeyville	6.79 349	P	Pn	04 33 57.5	+0.2	CRAG	Craig	9.23 88	Ph	Pn	04 34 25.9	-4.2
	KAIM	baz=217		S	04 34 15.5	-3.0	N15K	Kwethluk River	6.83 309	Ph	Pn	04 33 58.0	+0.7	CRAG	Craig	9.23 88	Ph	Pn	04 34 29.1	-0.9
	RSO	Redoubt South	4.54 339	Ph	04 33 23.8	-2.3	N15K	Kwethluk River	6.83 309	Pn	Pn	04 33 57.9	+0.2	GCSA	Galena City Sc	9.25 340	P	Pn	04 34 29.3	-1.0
	Q16N	King Salmon	4.57 305	P	04 33 26.0	-0.1	M16K	Timber Creek	6.87 318	Pn	Pn	04 33 57.8	+0.1	DAWY	Dawson	9.28 29	Pn	Pn	04 34 29.9	-1.0
	CAPN	Captain Cook N	4.60 350	Pn	04 33 25.8	-0.7	M16K	Timber Creek	6.87 318	P	Pn	04 33 57.9	+0.2	EGAK	Eagle	9.46 22	Pn	Pn	04 34 32.4	-0.8
	CAPN	Captain Cook N	4.60 350	P	04 33 26.7	+0.2	O14K	Tigiyukavut M	6.98 300	P	Pn	04 33 59.8	+0.5	I17K	Unalakleet	9.62 328	Pn	Pn	04 34 32.1	-1.1
	R16K	Pilot Point	4.63 290	P	04 33 26.7	-0.2	M26K	Nabesna, AK	6.98 26	Pn	Pn	04 33 59.9	+0.6	PRP	Porcupine Dome	9.47 10	Pn	Pn	04 34 33.4	-0.1
	O19K	Port Alsworth	4.70 329	P	04 33 27.5	-0.4	PVV	Pavlov Volcano	7.00 268	Pn	Pn	04 33 58.7	-0.8	PRP	Porcupine Dome	9.47 10	Pn	Pn	04 34 32.7	-0.8
	O18K	Koktuh Hills	4.71 322	Ph	04 33 26.3	-1.9	L18K	Granite Mounta	7.02 331	Pn	Pn	04 33 59.3	-0.3	WRAK	Wrangell Island	9.51 82	Ph	Pn	04 34 31.7	-2.2
	O18K	comp=N, 477nm, 0.7s		IAML	04 34 49.0		L18K	Granite Mounta	7.02 331	Pn	Pn	04 33 59.3	-0.3	WRAK	Wrangell Island	9.51 82	Ph	Pn	04 34 34.0	+0.1
	O18K	comp=E, 308nm, 1.0s		Pn	04 33 27.8	-0.3	O29M	Mount Kennedy	7.02 50	P	Pn	04 33 59.8	-0.2	H21K	Meloztina Res	9.55 352	Pn	Pn	04 34 34.0	-0.5
	O18K	baz=137		S	04 34 20.8	-1.9	PSA4	Pavlov South-4	7.04 268	Pn	Pn	04 33 59.1	-1.0	H21K	Meloztina Res	9.55 352	Pn	Pn	04 34 34.0	-0.5
	EYAK	Cordova Ski Ar	4.71 23	Pn	04 33 27.0	-1.1	HAG	Hague Volcano	7.08 267	Pn	Pn	04 33 60.0	-0.6	H21K	Meloztina Res	9.55 352	Pn	Pn	04 34 34.0	-0.5
	EYAK	Cordova Ski Ar	4.71 23	Pn	04 33 27.0	-1.1	S12K	Black Hills	7.09 271	P	Pn	04 33 60.0	-0.6	I26K	Coal Creek Min	9.57 16	Pn	Pn	04 34 33.5	-1.2
	EYAK	baz=205, SNR=8.9		S	04 34 18.7	-4.1	P29M	Pawley Craggy	7.09 57	Ph	Pn	04 33 59.4	-1.4	H23K	Yukon River	9.59 360	Pn	Pn	04 34 34.3	-0.7
	EYAK	baz=205		S	04 34 18.7	-4.1	P29M	Windy Craggy	7.09 57	Ph	Pn	04 34 00.5	-0.3	H20K	Anotieneega Mo	9.62 346	Pn	Pn	04 34 34.8	-0.6
	P17K	Kvichak River	4.75 311	P	04 33 28.3	-0.2	YUK8	Steele Glacier	7.12 41	Pn	Pn	04 34 02.1	+0.7	P33M	Teslin, Yukon	9.62 59	Pn	Pn	04 34 34.4	-1.1
	FID	Port Fidalgo	4.76 18	Ph	04 33 26.9	-1.9	YUK3	Moose Creek	7.21 36	Pn	Pn	04 34 02.6	-0.1	K13K	Kusilivak Mount	9.64 312	Pn	Pn	04 34 35.8	+0.1
	FID	comp=E, 443nm, 0.4s		IAML	04 34 20.5		M27K	Edge Creek, AK	7.23 29	Pn	Pn	04 34 03.4	+0.6	K13K	Kusilivak Mount	9.64 312	Pn	Pn	04 34 35.0	-0.7
	FID	comp=N, 390nm, 0.5s		IAML	04 34 21.4		CAST	Castle Rocks	7.29 351	P	Pn	04 34 04.2	+0.7	K29M	Barlow Dome	9.65 33	Pn	Pn	04 34 35.3	-0.6
	GLI	Glacier Island	4.79 14	Ph	04 33 27.7	-1.4	MENT	Mentasta	7.29 21	Ph	Pn	04 34 03.7	+0.1	J14K	Nanvanarak Az	9.65 318	Pn	Pn	04 34 35.1	-0.6
	GLI	comp=E, 352nm, 1.0s		IAML	04 34 35.0		M15K	Kasigluk River	7.36 312	P	Pn	04 34 04.8	+0.4	AKBBA	Akutan Broad B	9.66 264	Pn	Pn	04 34 34.3	-1.7
	GLI	comp=N, 252nm, 0.9s		IAML	04 34 35.2		S31K	Pelican	7.41 71	Pn	Pn	04 34 02.4	-2.7	LVA	Lava Point	9.70 254	Ph	Pn	04 34 35.0	-1.5
	GLI	baz=195, SNR=8.6		S	04 34 20.7	-3.9	L17K	Donlin	7.42 326	P	Pn	04 34 05.2	-0.1	H22K	Ishitina Cre	9.70 355	Ph	Pn	04 34 35.8	-0.8
	RC01	Rabbit Creek A	4.83 358	IAML	04 34 24.7		N14K	Kuokuk Cree	7.43 305	P	Pn	04 34 05.2	-0.2	M11K	Mekoryuk	9.71 302	Pn	Pn	04 34 35.7	-0.9
	RC01	comp=E, 275nm, 0.4s		IAML	04 34 27.6		L26K	Log Cabin Wild	7.45 22	Pn	Pn	04 34 05.8	+0.1	M31M	Drury Creek, Y	9.73 46	Pn	Pn	04 34 36.6	-0.4
	RC01	comp=N, 319nm, 0.5s		IAML	04 33 28.6	-1.2	YUK6	Outpost Mounta	7.45 46	P	Pn	04 34 06.2	+0.2	N32M	Quiet Lake	9.82 53	Pn	Pn	04 34 38.3	+0.1
	RC01	baz=178		S	04 34 22.6	-3.1	K20K	Telida	7.47 344	P	Pn	04 34 05.8	-0.3	H19K	Roundabout Mou	9.88 343	Ph	Pn	04 34 38.7	-0.3
	SUCK	Suckling Hills	4.86 36	Pn	04 33 28.9	-1.3	MCK	McKinley	7.49 2	Pn	Pn	04 34 07.0	+0.7	H19K	Roundabout Mou	9.88 343	Ph	Pn	04 34 38.4	-0.5
	HMT	Hamilton	4.92 32	Pn	04 33 30.3	-0.7	L16K	Ohwat River	7.51 321	Pn	Pn	04 34 06.6	+0.1	J29N	Klondike Camp	9.90 29	Ph	Pn	04 34 39.4	+0.1
	NICHA	Nichawak Mount	4.92 34	Pn	04 33 30.1	-1.0	BVCY	Beaver Creek	7.57 32	Pn	Pn	04 34 07.3	0.0	J29N	Klondike Camp	9.90 29	Ph	Pn	04 34 39.1	-0.3
	CHGN	Chignik	4.92 274	Ph	04 33 31.1	-0.8	YUK4	Talbot Arm												

G26K	Porcupine River	11.05	12	P	Pn	04 34 54.0 -0.9
G16K	Koyuk River	11.07	331	P	Pn	04 34 54.0 -1.2
OKTU	Okmok Mt. Tuli	11.09	263	P	Pn	04 34 53.8 -1.8
P08K	Saint George I	11.12	280	P	Pn	04 34 54.8 -1.1
OKCE	Okmoer Cone E	11.14	263	Pn	Pn	04 34 55.1 -1.1
F21K	Aitna River	11.15	352	P	Pn	04 34 55.4 -0.9
G27K	Doyon Strip	11.20	16	Pn	Pn	04 34 56.0 -1.1
F20K	Avaraat Lake	11.21	347	Pn	Pn	04 34 56.6 -0.5
F20K	Avaraat Lake	11.21	347	Pn	Pn	04 34 55.6 -1.5
MMPY	Sheldon Lake	11.21	48	P	Pn	04 34 57.6 +0.3
G15K	Niukuk	11.27	327	P	Pn	04 34 57.5 -0.4
F19K	Shaloruckik Mo	11.30	343	P	Pn	04 34 57.9 -0.3
H29M	Whitestone	11.30	23	Pn	Pn	04 34 59.2 +0.9
H29M	Whitestone	11.30	23	P	Pn	04 34 57.5 -0.9
F24K	Squaw Lake	11.31	3	Pn	Pn	04 34 57.9 -0.7
F22K	John River	11.35	355	P	Pn	04 34 58.1 -0.9
ANM	Nome	11.41	323	P	Pn	04 34 59.8 0.0
BMAR	Burnt Mountain	11.43	10	Pn	Pn	04 34 59.1 -1.1
F18K	Selawik	11.43	339	P	Pn	04 34 59.9 -0.2
SPIA	Saint Paul Isl	11.44	283	P	Pn	04 35 00.1 -0.2
F25K	Christian River	11.50	7	Pn	Pn	04 35 00.9 -0.3
F25K	Christian River	11.50	7	P	Pn	04 35 00.2 -1.0
F17K	Baldwin Pennin	11.63	336	P	Pn	04 35 02.0 -0.9
NIKH	Nikolski High	11.70	262	P	Pn	04 35 03.0 -1.0
NIKH	Nikolski High	11.70	262	Pn	Pn	04 35 02.9 -1.0
NIKH	Nikolski High	11.70	262	P	Pn	04 35 02.6 -1.3
F26K	Sheenjek River	11.73	10	Pn	Pn	04 35 03.4 -0.8
F26K	Sheenjek River	11.73	10	P	Pn	04 35 03.9 -0.3
E19K	Redstone River	11.79	345	Pn	Pn	04 35 05.4 +0.3
E19K	Redstone River	11.79	345	P	Pn	04 35 04.9 -0.2
EPYK	Eagle Plains	11.81	26	P	Pn	04 35 04.4 -0.9
E24K	Your Creek	11.86	2	Pn	Pn	04 35 04.7 -1.3
E24K	Your Creek	11.86	2	P	Pn	04 35 05.6 -0.4
F15K	North Star Dit	11.95	328	P	Pn	04 35 07.0 -0.3
E22K	Anaktuvuk Pass	11.96	356	P	Pn	04 35 06.3 -1.1
G29M	Pine Creek	11.96	22	P	Pn	04 35 07.2 -0.1
H31M	Peel River	12.01	31	Pn	Pn	04 35 08.0 -0.1
E25K	Arctic Village	12.03	7	Pn	Pn	04 35 08.0 -0.4
E25K	Arctic Village	12.03	7	P	Pn	04 35 08.1 -0.3
TGNT	Hyland Airport	12.13	56	P	Pn	04 35 10.1 +0.3
F28M	Old Crow	12.22	18	P	Pn	04 35 12.0 +1.0
E17K	Hotam Inlet	12.30	337	Pn	Pn	04 35 12.1 +0.1
F14K	Arctic Creek	12.30	325	P	Pn	04 35 11.8 -0.3
E18K	Tukpahlearik C	12.33	340	P	Pn	04 35 11.8 -0.7
E21K	Killik River	12.39	352	Pn	Pn	04 35 13.5 +0.2
E21K	Killik River	12.39	352	P	Pn	04 35 13.2 -0.1
G30M	Aoah Zraii Nji	12.42	25	Pn	Pn	04 35 14.7 +1.1
TOLK	Toolik Lake Re	12.42	360	Pn	Pn	04 35 13.5 -0.2
TOLK	Toolik Lake Re	12.42	360	P	Pn	04 35 15.2 +1.5
E20K	Nigu River	12.42	348	P	Pn	04 35 13.9 +0.2
E27K	Coleen River	12.49	14	P	Pn	04 35 15.8 +1.1
D22K	Aiyikay River	12.49	355	P	Pn	04 35 18.9 +0.8
D23K	Nanushuk River	12.76	358	P	Pn	04 35 18.9 +0.6
LIRD	Liard River Hi	12.82	66	P	Pn	04 35 19.3 +0.2
G31M	Satah River	12.85	28	Pn	Pn	04 35 19.7 +0.1
G31M	Satah River	12.85	28	P	Pn	04 35 20.1 +0.3
D19K	Kuna River	12.88	346	P	Pn	04 35 20.3 +0.3
D20K	Eivluk River	12.90	348	P	Pn	04 35 19.3 -0.9
D24K	Happy Valley	12.94	1	P	Pn	04 35 20.4 -0.3
F17K	Barrier River	13.03	24	Pn	Pn	04 35 23.0 +1.1
D30M	Noatak River	13.08	337	P	Pn	04 35 23.8 +1.1
BBB	Bella Bella	13.13	99	LR	LR	04 39 13.7
C21K	Knifblade Rid	13.15	352	P	Pn	04 35 25.5 +1.8
D25K	Kavik River	13.18	5	P	Pn	04 35 25.4 +1.4
E28M	Babbage River	13.18	16	Pn	Pn	04 35 24.9 +0.7
E29M	Blow River	13.26	19	Pn	Pn	04 35 25.9 +0.8
E29M	Blow River	13.26	19	P	Pn	04 35 26.6 +1.5
RDOG	Red Dog Mine	13.34	338	P	Pn	04 35 27.1 +1.0
GAMB	Gambell	13.36	313	P	Pn	04 35 25.9 -0.5
F31M	Tsightchic	13.38	27	Pn	Pn	04 35 26.4 -0.3
C24K	Franklin Bluff	13.51	1	P	Pn	04 35 27.8 -0.6
C18K	Utukok River	13.51	341	P	Pn	04 35 28.6 0.0
D27M	Malcolm River	13.57	13	Pn	Pn	04 35 30.8 +1.4
D27M	Malcolm River	13.57	13	P	Pn	04 35 29.2 -0.2
B21K	Ikpik River	13.60	352	P	Pn	04 35 29.0 -0.6
C23K	Itkillik River	13.63	358	P	Pn	04 35 29.4 -0.7
C27K	Jago River	13.65	9	P	Pn	04 35 30.0 -0.4
C19K	Lookout Ridge	13.66	345	P	Pn	04 35 30.5 -0.1
C17K	DeLong Mountai	13.74	338	P	Pn	04 35 31.0 -0.8
C26K	Camden Bay	13.85	7	P	Pn	04 35 32.7 -0.4
KOTAN	Kotaneleele Air	13.91	63	P	Pn	04 35 33.6 -0.3
D28M	Stokes Point	13.96	16	Pn	Pn	04 35 33.9 -0.6
C16K	Lisburne Hills	14.06	335	P	Pn	04 35 35.0 -1.0
INK	Inuvik	14.10	25	Pn	Pn	04 35 35.3 -1.2
INK	Inuvik	14.10	25	P	Pn	04 35 36.0 -0.5
INK	Inuvik	14.10	25	Pn	Pn	04 35 37.0 +0.4
INK	Inuvik	14.10	25	LR	LR	04 41 02.1
B20K	Meade River	14.20	349	P	Pn	04 35 37.0 -0.9
B22K	Teshekpuk Lake	14.23	355	P	Pn	04 35 37.6 -0.7
B18K	Kokolik River	14.25	342	P	Pn	04 35 38.7 +0.1
A19K	Wainwright	14.88	345	P	Pn	04 35 46.6 -0.5
A22K	Sinclair Lake	14.98	353	P	Pn	04 35 48.0 -0.5

ATKA	Atka Island	14.98	265	P	Pn	04 35 47.0 -1.7
ATKA	Atka Island	14.98	265	Pn	Pn	04 35 44.9 -3.8
A21K	Barrow	15.42	351	P	Pn	04 35 53.8 -0.8
CBB	Campbell River	15.70	103	Pn	Iamb	04 35 57.4 -0.5
CBB	Campbell River	15.70	103	Iamb	Iamb	04 36 05.5
GSTR	Great Sittin T	16.07	266	Pn	Pn	04 36 01.1 -1.8
OZB	Mount Ozzard	16.24	107	Pn	Iamb	04 36 03.7 -1.4
OZB	Mount Ozzard	16.24	107	Iamb	Iamb	04 36 11.1
comp=Z,94nm,1.3s						
ADK	Adak	16.51	266	P	Pn	04 36 07.0 -1.4
ADK	Adak	16.51	266	Pn	Pn	04 36 06.5 -1.9
CLNS	Cowchan Lake	17.05	105	Pn	Pn	04 36 14.1 -1.2
C36M	Pauluk	17.30	31	P	Pn	04 36 18.1 -0.3
NLWA	Neilton Lookou	18.05	109	Pn	Pn	04 36 26.5 -1.3
NLWA	Neilton Lookou	18.05	109	Iamb	Iamb	04 36 37.4
YKA	Yellowknife Ar	18.64	56	P	Pn	04 36 33.6 -0.8
YKA	Yellowknife Ar	18.64	56	P	Pn	04 36 34.8 0.0
comp=Z,0.3nm,0.3s,baz=266,slow=11,SNR=12						
YKA	Yellowknife Ar	18.64	56	LR	LR	04 43 30.5
comp=Z,812nm,19.3s,baz=258,slow=36						
comp=Z,4.5nm,0.9s						
A36M	Sachs Harbour	18.73	23	Iamb	Iamb	04 36 40.6
A36M	Sachs Harbour	18.73	23	P	P	04 36 34.9 -0.6
D05A	Enunclaw	19.18	107	P	P	04 36 40.6 0.0
LON	Longmire	19.55	107	P	Iamb	04 36 45.0 +0.3
F04A	Amgash	19.76	110	Iamb	Iamb	04 36 58.5
comp=Z,64nm,1.3s						
LTJ	Liberty	19.85	105	Iamb	Iamb	04 36 59.5
comp=Z,108nm,1.3s						
B08A	Colville Reser	19.92	101	Iamb	Iamb	04 36 59.7
HO4D	Lebanon	20.55	114	Iamb	Iamb	04 37 04.3
comp=Z,81nm,1.6s						
HOOD	Mount Hood Me	20.57	110	Iamb	Iamb	04 36 58.8
comp=Z,54nm,1.2s						
E07A	Sunshine	20.72	105	Iamb	Iamb	04 37 09.6
comp=Z,48nm,1.0s						
H04A	Detroit Lake	20.73	112	Iamb	Iamb	04 37 00.3
comp=Z,53nm,1.2s						
G05A	Warric	20.80	110	Iamb	Iamb	04 37 07.0
comp=Z,71nm,1.2s						
I03D	Drain, OR	20.83	116	Iamb	Iamb	04 37 10.7
comp=Z,60nm,1.2s						
D08A	Wollman Farm	20.91	103	P	P	04 36 58.8 -0.7
D08A	Wollman Farm	20.91	103	Iamb	Iamb	04 37 02.0
comp=Z,39nm,1.3s						
EDM	Edmonton	20.92	83	Iamb	Iamb	04 37 05.3
comp=Z,47nm,1.2s						
HAWA	Hanford	21.00	105	Iamb	Iamb	04 37 06.4
F07A	Phinny Hill Vi	21.10	107	Iamb	Iamb	04 37 07.6
comp=Z,91nm,1.3s						
E08A	Dider Farm, El	21.19	105	Iamb	Iamb	04 37 08.0
comp=Z,59nm,1.2s						
NEW	Newport	21.19	99	P	P	04 37 02.9 +0.4
comp=Z,12nm,1.1s,baz=303,slow=9.1,SNR=16						
I04A	Tendick Farm	21.23	115	P	P	04 37 01.1 -1.9
I04A	Tendick Farm	21.23	115	Iamb	Iamb	04 37 15.7
comp=Z,69nm,1.1s						
SHEM	Shemy Is, Ala	21.28	276	LR	LR	04 46 01.9
comp=Z,372nm,19.9s,baz=94,slow=39						
I05D	Terrebonne, OR	21.40	112	Iamb	Iamb	04 37 07.6
comp=Z,61nm,1.2s						
K02D	Williamette Mer	21.41	118	Iamb	Iamb	04 37 08.3
comp=Z,59nm,1.2s						
E09A	Wood Farm, Sta	21.67	103	Iamb	Iamb	04 37 16.8
comp=Z,51nm,1.2s						
HUMO	Hull Mountain	21.82	118	Iamb	Iamb	04 37 12.9
comp=Z,59nm,1.2s						
J05D	Fort Rock, OR	22.20	114	P	P	04 37 13.6 +0.1
J05D	Fort Rock, OR	22.20	114	Iamb	Iamb	04 37 23.0
comp=Z,69nm,1.2s						
K04D	Chiloquin, OR	22.41	116	P	P	04 37 14.5 -1.2
comp=Z,69nm,1.2s						
F10A	Beach Ranch, E	22.50	104	Iamb	Iamb	04 37 16.2 +0.2
comp=Z,68nm,1.3s						
I07A	Izee	22.53	110	Iamb	Iamb	04 37 19.8
comp=Z,75nm,1.3s						
YBH	Yreka Blue Hor	22.60	119	P	P	04 37 18.7 +1.0
YBH	Yreka Blue Hor	22.60	119	Iamb	Iamb	04 37 22.7
comp=Z,38nm,1.4s						
BILL	Bilbino	23.18	318	P	P	04 37 23.2 -0.2
BILL	Bilbino	23.18	318	Iamb	Iamb	04 37 25.3
comp=Z,31nm,1.2s						
BILL	Bilbino	23.18	318	eP	eP	04 37 24.3 +0.9
BILL	Bilbino	23.18	318	S	S	04 47 47.7
BILL	Bilbino	23.18	318	pmax	pmax	04 41 37.5 +2.8
comp=Z,30nm,1.2s						
BMO	Blue Mountains	23.18	106	P	P	04 37 23.1 -0.6
J06A	Circle Bar Ran	23.57	110	Iamb	Iamb	04 37 40.1
comp=Z,49nm,1.1s						
O02D	Mr. Diablo Mer	23.76	121	P	P	04 37 29.3 -0.2
O02D	Mr. Diablo Mer	23.76	121	Iamb	Iamb	04 37 41.2
MSO	Missoula	23.78	98	Iamb	Iamb	04 37 39.3
comp=Z,72nm,1.9s						
MSO	Missoula	23.78	98	P	P	04 37 30.5 +0.8
HATO	Hat Creek Radi	23.91	118	P	P	04 37 30.7 -0.2
WVOR	Wild Horse Val	24.14	112	Iamb	Iamb	04 37 43.9
comp=Z,42nm,1.1s						
OVMT	Ovando	24.16	97	P	P	04 3

WUAZ	Wupatki	33.06 113	I Amb	I Amb	04 38 56.2
WUAZ	Wupatki	33.06 113	P	P	04 38 52.2 -0.5
MVCO	Mesa Verde	33.28 107	P	P	04 38 55.3 +0.6
GLA	Glamis	33.28 120	P	P	04 38 55.5 +1.0
Y14A	Wickenburg	33.47 116	I Amb	I Amb	04 38 59.5
SUSD	Miller	33.57 89	P	P	04 38 57.2 +0.2
S22A	4UR Ranch, Cre	33.78 105	P	P	04 38 58.9 -0.3
S22A	4UR Ranch, Cre	33.78 105	P	P	04 38 58.1 -1.0
Q24A	Divide	33.81 102	P	P	04 38 59.9 +0.5
X16A	Lo Mia Camp, P	33.88 114	I Amb	I Amb	04 39 03.8
113A	Mohawk Valley,	34.03 119	I Amb	I Amb	04 39 04.1
OG3E	Ogallala	34.14 96	P	P	04 39 02.7 +0.6
F3N	5 Mile Ranch,	34.19 85	I Amb	I Amb	04 39 04.0
W18A	Petrified Fore	34.21 111	P	P	04 39 03.3 +0.5
SDCO	Great Sand Dun	34.49 104	P	P	04 39 05.6 +0.3
KSCO	Kaye Shedlock	35.16 99	P	P	04 39 11.9 +1.1
214A	Organ Pipe Nat	35.16 118	I Amb	I Amb	04 39 14.9
214A	Organ Pipe Nat	35.16 118	P	P	04 39 11.7 +0.8
ECSD	EROS Data Cent	35.33 88	P	P	04 39 12.1 0.0
T25A	Trinidad	35.53 103	P	P	04 39 14.0 -0.2
EYMN	Ely	35.59 78	P	P	04 39 13.8 -0.5
EYMN	Ely	35.59 78	I Amb	I Amb	04 39 17.1
EYMN	Ely	35.59 78	P	P	04 39 14.4 0.0
TIXI	Tiksi	35.63 327	P	P	04 39 14.1 -0.3
TIXI	Tiksi	35.63 327	I Amb	I Amb	04 39 14.4
TIXI	Tiksi	35.63 327	eP	pmx	04 39 14.8 +0.4
TUC	Tucson	35.88 115	P	P	04 39 17.6 +0.5
BGNE	Belgrade	35.99 92	P	P	04 39 17.9 0.0
ANMO	Albuquerque	36.07 108	P	P	04 39 17.4 -1.4
ANMO	Albuquerque	36.07 108	P	P	04 39 18.1 -0.7
ANMO	Albuquerque	36.07 108	LR	LR	04 54 20.3
ANMO	Albuquerque	36.07 108	eP	pmx	04 39 20.2 +1.4
Y22D	IRIS PASSCAL I	36.49 109	P	P	04 39 22.8 +0.5
SPMN	Marine on St.	36.50 83	P	P	04 39 22.8 +0.6
DUN6	Lazy B Ranch	36.55 113	P	P	04 39 22.2 -0.7
CBK5	Cedar Bluff	36.89 97	P	P	04 39 26.0 +0.4
I37A	Lemond, Waseca	36.94 85	P	P	04 39 25.9 0.0
I37A	Lemond, Waseca	36.94 85	I Amb	I Amb	04 39 28.6
RTBA	Rita Blanca	36.95 102	I Amb	I Amb	04 39 28.5
121A	Cookes Peak, D	37.24 112	P	P	04 39 28.9 +0.1
121A	Cookes Peak, D	37.24 112	I Amb	I Amb	04 39 32.7
121A	Cookes Peak, D	37.24 112	P	P	04 39 29.3 +0.5
NEEM	North Greenlan	37.63 21	i P	P	04 39 32.2 +0.5
NEEM	North Greenlan	37.63 21	I Amb	I Amb	04 39 35.0
G40A	Rib Lake	37.91 81	P	P	04 39 33.8 -0.4
SCIA	State Center	38.41 88	P	P	04 39 37.8 -0.5
KSU1	Kansas State U	38.43 94	P	P	04 39 38.5 -0.1
EPT	El Paso	38.50 111	P	P	04 39 40.1 +0.7
EPT	El Paso	38.50 111	I Amb	I Amb	04 39 42.8
FRB	Frobisher Bar	38.51 45	LR	LR	04 55 06.9
I40A	Norwalk	38.56 83	I Amb	I Amb	04 39 42.1
AMTX	Amarillo	38.68 103	I Amb	I Amb	04 39 43.9
AMTX	Amarillo	38.68 103	P	P	04 39 40.6 -0.2
MSTX	Muleshoe	38.78 105	I Amb	I Amb	04 39 44.4
MSTX	Muleshoe	38.78 105	P	P	04 39 41.9 +0.2
MNTX	Cornudas Mount	39.15 110	P	P	04 39 44.5 -0.2
SMWD	Samnorwood	39.30 101	P	P	04 39 46.0 0.0
SMWD	Samnorwood	39.30 101	I Amb	I Amb	04 39 49.0
YAK	Yakutsk	39.31 313	LR	LR	04 59 01.7
YAK	Yakutsk	39.31 313	eP	pmx	04 39 45.6 0.0
YAK	Yakutsk	39.31 313	pmx	pmx	
YAK	Yakutsk	39.31 313	pmx	pmx	
JFWS	Jewell Farm	39.40 84	P	P	04 39 46.5 -0.1
JFWS	Jewell Farm	39.40 84	P	P	04 39 46.5 -0.1
H38A	Windswept, Lux	39.76 80	P	P	04 39 50.1 +0.5
P43A	Dawn	39.78 90	I Amb	I Amb	04 39 52.1
DKNS	Dickens	40.01 104	P	P	04 39 51.1 -0.8
T35A	Sooner Cattle	40.03 96	P	P	04 39 52.6 +0.6
NOR	Nord	40.08 10	I Amb	I Amb	04 39 55.2 +3.4
NOR	Nord	40.08 10	i P	P	04 39 56.0
VHRN	Van Horn	40.08 110	P	P	04 39 51.6 -1.0
OK051	E0350 and S346	40.15 97	P	P	04 39 53.1 +0.1
OK051	E0350 and S346	40.15 97	I Amb	I Amb	04 40 44.8
OK048	Pawnee Station	40.16 97	P	P	04 39 53.7 +0.7
POST	Post	40.16 105	P	P	04 39 53.9 +0.7
PECS	Peccos	40.20 109	P	P	04 39 54.4 +0.8
ODSA	Odesa	40.32 107	P	P	04 39 53.1 -1.4
ODSA	Odesa	40.32 107	I Amb	I Amb	04 39 57.3
L42A	Oliver, Polo	40.32 85	P	P	04 39 54.7 +0.3
WMOK	Wichita Mounta	40.38 100	P	P	04 39 55.7 +0.8
N41A	Harden Midland	40.53 87	P	P	04 39 56.1 +0.1
OK052	Battle Ridge R	40.54 97	P	P	04 39 55.9 -0.3
OK031	S. Brethren Rd	40.55 97	P	P	04 39 56.7 +0.4
OK031	S. Brethren Rd	40.55 97	I Amb	I Amb	04 39 58.5
G45A	Suttons Bay	40.55 78	P	P	04 39 56.1 -0.1
G45A	Suttons Bay	40.55 78	I Amb	I Amb	04 39 58.2
K43A	Burlington	40.60 83	P	P	04 39 56.3 -0.3
K43A	Burlington	40.60 83	I Amb	I Amb	04 39 58.6
OKCSW	OKLAHOMA CITY	40.62 98	P	P	04 39 57.4 +0.5
OKCSW	OKLAHOMA CITY	40.62 98	I Amb	I Amb	04 40 21.0
P40A	Paris	40.67 89	I Amb	I Amb	04 39 59.3
APMT	Aspermont	40.70 103	P	P	04 39 57.1 -0.5
FNO	Franklin	40.75 99	P	P	04 39 57.6 -0.3
TUL3	Leonard	41.16 96	I Amb	I Amb	04 40 02.7
TUL3	Leonard	41.16 96	P	P	04 40 00.4 -0.9
L44A	Lake County Fo	41.18 83	P	P	04 40 01.4 0.0
GLMI	Grayling	41.26 78	P	P	04 40 01.0 -1.0

YSS	Yuzh-Sakhalins	41.48 287	eP	P	04 40 04.7 +0.9
YSS	Yuzh-Sakhalins	41.48 287	eS	S	04 46 16.2 -2.6
YSS	Yuzh-Sakhalins	41.48 287	MLR	MLR	
YSS	Yuzh-Sakhalins	41.48 287	MLR	MLR	
YSS	Yuzh-Sakhalins	41.48 287	MLR	MLR	
ABTX	Abilene, Hawle	41.50 103	P	P	04 40 04.0 -0.1
ABTX	Abilene, Hawle	41.50 103	I Amb	I Amb	04 40 06.6
ABTX	Abilene, Hawle	41.50 103	P	P	04 40 03.8 -0.3
HDIL	Hopedale	41.51 86	P	P	04 40 03.8 -0.3
U38A	Gavale	41.56 95	I Amb	I Amb	04 40 05.7
LOOK	Love County	41.81 100	P	P	04 40 06.5 -0.2
LOOK	Love County	41.81 100	I Amb	I Amb	04 40 09.7
TX31	Lajitas Ar. Si	41.92 110	P	P	04 40 08.4 +0.7
TX31	Lajitas Ar. Si	41.92 110	I Amb	I Amb	04 40 19.6
TXAR	Lajitas Array	41.92 110	P	P	04 40 07.9 +0.2
TXAR	Lajitas Array	41.92 110	P	P	04 40 08.4 +0.7
TXAR	Lajitas Array	41.92 110	PcP	PcP	04 42 03.6 +0.5
TXAR	Lajitas Array	41.92 110	LR	LR	04 56 37.0
P43A	Skaggs, Pawnee	42.01 87	I Amb	I Amb	04 40 10.2
OZNA	Ozona	42.01 106	I Amb	I Amb	04 40 11.3
CCM	Cathedral Cave	42.15 90	P	P	04 40 08.1 -1.3
CCM	Cathedral Cave	42.15 90	I Amb	I Amb	04 40 10.1
CCM	Cathedral Cave	42.15 90	P	P	04 40 08.5 -1.0
SAND	Sanderson	42.24 108	P	P	04 40 09.3 -1.0
SAND	Sanderson	42.24 108	I Amb	I Amb	04 40 13.3
Z35A	Perchaven, S	42.27 100	I Amb	I Amb	04 40 13.0
FVM	French Village	42.66 90	I Amb	I Amb	04 40 15.2
Q44A	Meyer Farm, Va	42.80 88	P	P	04 40 13.8 -0.9
Q44A	Meyer Farm, Va	42.80 88	I Amb	I Amb	04 40 16.5
I49A	Point Hope	42.81 77	I Amb	I Amb	04 40 24.3
FW13	Cleburne	42.91 101	P	P	04 40 14.3 -1.3
FW13	Cleburne	42.91 101	I Amb	I Amb	04 40 18.4
LPIG	La Paz	42.92 122	LR	LR	04 56 25.2
FW14	Alvarado	43.01 101	P	P	04 40 16.7 +0.3
FW14	Alvarado	43.01 101	I Amb	I Amb	04 40 19.1
SUMC	Summit	43.02 24	P	P	04 40 16.2 -0.3
SUMC	Summit	43.02 24	I Amb	I Amb	04 40 42.6
SUMC	Summit	43.02 24	i P	P	04 40 16.0 -0.5
SUMC	Summit	43.02 24	P	P	04 40 17.4 +0.4
JCT	Junction City	43.07 105	P	P	04 40 17.4 +0.4
SFJD	Kangerlussuaq	43.16 35	LR	LR	04 57 55.9
WHTX	Lake Whitney,	43.17 102	P	P	04 40 17.1 -0.6
WHTX	Lake Whitney,	43.17 102	I Amb	I Amb	04 40 26.8
WHTX	Lake Whitney,	43.17 102	P	P	04 40 18.4 +0.7
L48A	N Adams	43.26 81	P	P	04 40 17.6 -0.7
L48A	N Adams	43.26 81	I Amb	I Amb	04 40 20.8
N47A	Urbana	43.28 83	P	P	04 40 16.9 -1.7
N47A	Urbana	43.28 83	I Amb	I Amb	04 40 20.2
JKA	Kanikawa-asahi	43.39 284	P	P	04 40 19.0 -0.3
ASAJ	Asahikawa	43.39 284	LR	LR	04 57 54.3
MIAR	Mount Ida	43.39 96	I Amb	I Amb	04 40 21.1
MIAR	Mount Ida	43.39 96	P	P	04 40 19.1 -0.4
MIAR	Ann Arbor	43.44 80	P	P	04 40 20.0 +0.2
DRIO	Del Rio	43.46 107	I Amb	I Amb	04 40 22.2
SIUC	Southern Illin	43.53 89	P	P	04 40 20.3 -0.3
SIUC	Southern Illin	43.53 89	I Amb	I Amb	04 40 22.3
DAG	Danmarks Havn	43.64 15	i P	P	04 40 21.2 +0.2
DAG	Danmarks Havn	43.64 15	I Amb	I Amb	04 40 24.4
O48B	Farmland	44.01 83	P	P	04 40 24.3 -0.1
435B	Jarrell	44.03 103	I Amb	I Amb	04 40 27.7
435B	Jarrell	44.03 103	P	P	04 40 25.5 +0.8
SCHO	Scherville	44.09 56	LR	LR	04 58 33.9
N49A	Columbus Grove	44.09 82	I Amb	I Amb	04 40 27.0
USIN	University of	44.21 87	I Amb	I Amb	04 40 34.3
SADO	Sadova	44.25 74	LR	LR	04 58 24.6
P48A	Milroy	44.41 84	I Amb	I Amb	04 40 29.0
ERM	Erimo	44.49 281	P	P	04 40 26.3 -1.9
ERM	Erimo	44.49 281	eP	pmx	04 40 28.5 +0.3
ERM	Erimo	44.49 281	pmx	pmx	
O49A	Ashland	44.51 83	I Amb	I Amb	04 40 29.9
P49A	Miami Univ. Ec	44.75 83	I Amb	I Amb	04 40 30.8
P49A	Miami Univ. Ec	44.75 83	P	P	04 40 29.5 -0.9
WCI	Wyandotte Cave	44.79 86	P	P	04 40 31.2 +0.5
NATX	Nacogoches	44.88 99	P	P	04 40 31.9 +0.4
833A	Chaparral WMA,	44.98 107	P	P	04 40 32.9 +0.6
ICESC	Greenland Ices	45.03 29	i P	P	04 40 34.7 +2.1
ICESC	Greenland Ices	45.03 29	I Amb	I Amb	04 40 36.1
ZEI	Zeya	45.06 304	eP	S	04 40 32.6 0.0
ZEI	Zeya	45.06 304	eS	S	04 47 12.3 +1.3
ZEI	Zeya	45.06 304	pmx	pmx	
ZEI	Zeya	45.06 304	MLR	MLR	
ZEI	Zeya	45.06 304	MLR	MLR	
N51A	Ashland	45.09 80	I Amb	I Amb	04 40 41.3
T47A	Sharon Grove	45.22 88	I Amb	I Amb	04 40 36.2
ACSO	Alum Creek Sta	45.23 81	I Amb	I Amb	04 40 36.4
ACSO	Alum Creek Sta	45.23 81	P	P	04 40 34.1 0.0
DELO	Deloro Mine	45.23 73	I Amb	I Amb	04 40 36.9
DBG	Daneborg	45.37 17	i P	P	04 40 35.4 +0.6
DBG	Daneborg	45.37 17	I Amb	I Amb	04 40 37.3
WVT	Waverly	45.44 89	P	P	04 40 34.3 -1.5
WVT	Waverly	45.44 89	I Amb	I Amb	04 40 37.3
WVT	Waverly	45.44 89	P	P	04 40 35.9 0.0
WVT	Waverly	45.44 89	I Amb	I Amb	04 40 37.3
SPITS	Spitsbergen Ar	45.53 4	LR	LR	04 58 52.0
ERPA	Erie	45.57 77	P	P	04 40 37.0 +0.1
H3K3	Hockley	45.63 102	P	P	04 40 37.0 -0.4
M53A	WI Miller and	45.66 79	I Amb	I Amb	04 40 39.9
M53A	WI Miller and	45.66 79	P	P	04 40 37.9 +0.4
TRQ	Mont Tremblant	45.73 69	P	P	04 40 38.0 -0.1

TRQ	Mont Tremblant	45.73 69	I Amb	I Amb	04 40 40.4
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Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like H11S2 WAKE ISLAND, JMJC Jan Mayen, BNX BinXian, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ARU, EKA Eskdalemuir, VSU Vasula, LYN LuoYang, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AKKB, AK01 Malin Array Si, KRLL Kraliky, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for Port Moresby, Keskin Array S, Keskin Array B, etc.

SKHL 17 04:35:29.1±0.3, 43.80N:145.50E, h148km, 3km, mb4.3/3,

MVA 5.0/3, JMA 17 04:35:29.1±0.2, 43.80N:145.50E, h148km, 1km, m16.6/29, NEAR KUNSHIRI ISLAND

ISC 17 04:35:28.9±0.1, 43.79N:145.47E:0.05, h149km, 13km, n16, c054929, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for JRA, JNSB, JNSB, etc.

ISC 17 04:37:32.4±6.9, 6.55S, 148.00E, h85km, 49km, mb3.6/2, mbtmp3.8/4, ML3.9/1, MS2.7/1, Error ellipse: s-maj=71.1km s-min=50.9km az=92.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for PMG, WRA, ASAR, STKA, etc.

ECX 17 04:48:32.8±0.3, 30.38N:113.81W, h14km, 4km, ML2.9, MEX 17 04:48:34.2±0.6, 30.36N:113.88W, h5km, MD4.2

ISC 17 04:48:32.3±1.2, 30.38N:113.83W:0.03, h22km, 5km, n16, c0584/30, 1C, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for SLGB, PPXB, PLIB, SFX, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for LAPR, BAHB, 214A, etc.

IDC 17 04:52:12.3±4.2, 36.24N:71.38E, h176km, 29km, mb3.3/6, mbtmp3.8/12, Error ellipse: s-maj=52.9km s-min=23.3km, az=146.0

NNC 17 04:52:19.4±3.5, 37.02N:71.17E, h168km, 66km, mb2.8, mp3.7, Error ellipse: s-maj=32.3km s-min=19.6km, az=23.0

ISC 17 04:52:12.4±1.5, 36.66N:71.21E:0.09, h150km, n17, c0181/22, mb3.6/5, 6C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for KK31, AAK, AAK, CHMS, TKM2, etc.

NEIC 17 04:57:21.1±0.9, 19.42N:0.01:155.283W:0.009, h5km, 1km, Error ellipse: s-maj=2.6km s-min=1.8km

HVO 17 04:57:20.9±0.7, 19.422N:0.009:155.275W:0.007, h1km, 2km, ML2.8/22, ML2.0/27(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=197.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for UWB, OBL, SBLH, etc.

KNHH Kane Nui O Hama, MLH Mauna Loa, HLP Hilina Pali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for STCH, JUJZ, HMH, MLOA, etc.

IDC 17 05:06:43.3±4.3, 5.42S:151.77E, h0km, mb3.1/2, mbtmp3.2/2, Error ellipse: s-maj=175.1km s-min=55.7km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for WRA, ASAR, TORD, etc.

IDC 17 05:12:23.0±0.9, 6.83S:155.53E, h0km, mb3.8/7, mbtmp3.8/7, Error ellipse: s-maj=35.4km s-min=24.7km, az=114.0

ISC 17 05:12:30.3±1.0, 6.85S:155.50E:0.3, h50km, n12,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for WRA, ASAR, H11S3, etc.

Chiang Mai Arr 61.15 295 P 2.2nm, 0.6s, baz=121, slow=5.1, SNR=12

Chiang Mai Arr 61.15 295 P 2.2nm, 0.6s, baz=121, slow=5.1, SNR=12

Chiang Mai Arr 61.15 295 P 2.2nm, 0.6s, baz=121, slow=5.1, SNR=12

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for ILAR, GSPA, MKAR, etc.

IDC 17 05:16:09.1±1.2, 14.90S:174.42W, h0km, mb4.1/5, mbtmp4.1/5, Error ellipse: s-maj=44.5km s-min=29.8km, az=211.0

NEIC 17 05:16:29.3±0.4, 15.1S:0.2:174.7W:0.1, h14km, 18km, mb4.2/10, Error ellipse: s-maj=28.8km s-min=9.0km, az=211.0

ISC 17 05:16:28.3±0.8, 15.0S:0.1:174.7W:0.1, h150km, n21, c0563/22, mb4.0/11, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for AFI, NIUE, TOZ, etc.

WARRAMUNGA ARR 48.52 257 P 2.2nm, 0.8s, baz=172, slow=12, SNR=5.8

WARRAMUNGA ARR 48.52 257 P 2.2nm, 0.8s, baz=172, slow=12, SNR=5.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for WRA, WRA, WRA, etc.

JMA 17 05:16:47.5±0.1, 39.59N:0.3:142.6E:0.7, h33km, 1km, MV3.8/35, E OFF IWATE PREF

NIED 17 05:16:47.5±0.1, 39.59N:0.3:142.6E:0.7, h33km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, M1:1.75; M2:0.97; M3:0.78; M4:0.20; M5:0.79; M6:3.06;

Fault plane solution: M3:4.6000x10^14 NP1: 0.168, 0.0000; 0.877, 0.0000; -1.76, 0.0000. NP2: 0.300, 0.0000; 0.819, 0.0000; -1.137, 0.0000.

IDC 17 05:16:49.3±1.6, 39.92N:141.67E, h0km, mb3.4/3, mbtmp3.4/5, ML2.5/2, Error ellipse: s-maj=53.5km s-min=23.9km az=94.0

ISC 17 05:16:47.4±2.2, 39.59N:0.05:142.6E:0.1, h30km, 13km, n20, c0574/22, mb3.8/3, NEAR east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for MIYJ, JTH, OFUJ, etc.

ASAJ Asahikawa, ASAJ Asahikawa

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, NEAR AMAMI-OSHIMA ISLAND, etc.

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

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

Text containing station coordinates and identifiers: BUI 17 06:27:17.8±0.0, 36°11'N; 139°83'E, h40km, mb4.2/24, etc.

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JGK, JGK, Kuni, Ryogami san, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JANG, Nango, JAT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Arroyo Zacate, Matias Romero, Oaxaca, etc.

Table with columns: ACIG, Acambay, El Apazote, etc. Includes stations like Jiruquilla Cam, Zihuatanejo, Morelia, etc.

Table with columns: ILAR, Paso Flores, WRA, etc. Includes stations like Sanghe, Ternate, Sanana, etc.

FETI	Fethiye-Mugla	1.09 251	Pn	Pn	07 27 55.0	-0.1
KSL	Kastellorizon	1.11 216	P	S	07 27 59.3	+4.0
KSL			S	Pn	07 28 13.7	+1.4
FETY	Fethiye	1.12 748	Pn	Pn	07 27 55.4	-0.1
SEDI	Konya, Seydisse	1.16 20	P	Pn	07 27 56.0	-0.1
SEDI			S	Pn	07 27 55.5	-1.2
SEDI	comp=E,535nm,0.4s		i AML	AML	07 28 13.0	
SEDI	comp=N,523nm,0.5s		i AML	AML	07 28 16.0	
DNIZ	Denizli-Tavas-	1.21 298	P	Pn	07 27 55.7	-0.8
DNIZ			S	AML	07 28 11.4	-3.1
DNIZ			i AML	AML	07 28 14.0	
DNIZ	comp=N,1µm,0.4s		i AML	AML	07 28 16.0	
SEYD	Seydisehir-KON	1.21 73	Pn	Pn	07 27 56.9	+0.3
TAVA	DENIZLI_Tavas	1.24 290	S	Pn	07 27 56.1	-0.7
TAVA			S	Pn	07 28 11.6	-3.4
TAVA			i AML	AML	07 28 14.0	
TAVA	comp=E,181nm,0.6s		i AML	AML	07 28 15.0	
TAVA	comp=N,157nm,0.3s		i AML	AML	07 28 15.0	
DALY	Dalyan (Mula)	1.41 261	Pn	Pn	07 27 58.5	-0.1
ALAN	Alanya-ANTALYA	1.42 110	Pn	Pn	07 27 59.7	+0.9
KHL	Karahalli	1.43 332	P	Pn	07 27 59.7	+1.6
DOGA	KONYA_Doganhis	1.46 44	S	Pn	07 27 59.3	-0.2
DOGA			S	Pn	07 28 17.7	-2.0
DOGA			i AML	AML	07 28 19.0	
DOGA	comp=N,737nm,0.6s		i AML	AML	07 28 19.0	
DOGA	comp=E,595nm,0.9s		i AML	AML	07 28 19.0	
SHUT	Suhut-Afyon	1.50 5	Pn	Pn	07 27 59.1	-0.7
MULA	Mugla, Merkez-	1.66 277	P	S	07 28 01.4	-0.3
MULA			S	Pn	07 28 21.4	-2.4
HDMB	Hadim	1.69 93	Pn	Pn	07 28 01.1	-1.1
KMER	Konya-Meram	1.73 65	P	Pn	07 28 03.1	+0.4
KMER			S	Pn	07 28 22.5	-3.0
TURN	Turunc	1.73 261	Pn	Pn	07 28 02.7	+0.2
GAZI	Gapizapa	1.76 117	Pn	Pn	07 28 03.6	+0.7
KONT	Konya-Tatoy	1.78 106	Pn	Pn	07 28 03.0	0.0
NAZL	Nazilli-Aydin	1.83 299	Pn	Pn	07 28 03.7	-0.8
KIRA	zmir-Kiraz	1.94 306	Pn	Pn	07 28 03.8	-1.4
KIRA			S	Pn	07 28 26.7	-3.3
LADK	Ladik-KONYA	1.94 54	Pn	Pn	07 28 04.8	-0.5
KULA	Kula-Manisa	1.99 317	Pn	Pn	07 28 04.2	-1.7
KULA	Kula-Manisa	1.99 317	P	Pn	07 28 07.1	-1.1
KULA			S	Pn	07 28 25.9	-5.2
ARG	Arkhangelos	2.00 246	Pn	Pn	07 28 06.8	+0.9
ARG	Arkhangelos	2.00 246	P	Pn	07 28 05.7	-0.2
ARG			S	Pn	07 28 28.1	-3.0
ARG	290nm,0.4s		P	Pn	07 28 06.0	+0.1
ARG	Arkhangelos	2.00 246	S	Pn	07 28 30.0	-1.1
ARG	Arkhangelos	2.00 246	P	Pn	07 28 05.3	-0.5
MLSB	Milas	2.09 277	Pn	Pn	07 28 07.1	0.0
GEDZ	Gezilz	2.13 339	Pn	Pn	07 28 06.5	-1.0
AYDB	Zeytinokoy-Aydi	2.17 295	Pn	Pn	07 28 07.1	-1.0
DAT	Dataca	2.27 263	Pn	Pn	07 28 09.8	+0.4
DAT	Dataca	2.27 263	P	Pn	07 28 09.6	+0.2
DAT			S	Pn	07 28 31.3	-6.2
SIMA	Simav-Kutahya	2.30 332	Pn	Pn	07 28 08.4	-1.4
KFMD	Karaman	2.31 86	Pn	Pn	07 28 10.7	-0.8
BERE	Bereket-Mersin	2.39 106	Pn	Pn	07 28 12.2	+1.2
BODR	Bodrum	2.46 271	Pn	Pn	07 28 11.5	-0.3
BODT	Bodrum	2.46 271	P	Pn	07 28 11.4	-0.3
CHBY	Cihanbeyli	2.50 52	Pn	Pn	07 28 11.9	-0.5
TEVE	Teveklit-Mers	2.54 103	Pn	Pn	07 28 14.2	+1.4
GORD	Gordes-Manisa	2.54 317	Pn	Pn	07 28 12.0	-0.8
SVRH	Sivrihisar-ESK	2.55 20	Pn	Pn	07 28 12.1	-0.9
AKMS	Akamass	2.58 142	S	Pn	07 28 13.3	0.0
AKMS			S	Pn	07 28 39.6	-4.9
AKMS			AML	AML	07 28 51.1	
AKMS	0.6nm,0.2s		AML	AML	07 28 54.7	
GCAM	G?zelcam?	2.59 285	Pn	Pn	07 28 12.9	-0.5
YORU	Yoruksupe-Mers	2.60 109	Pn	Pn	07 28 15.9	+2.3
ALFC	Alefka	2.61 136	P	Pn	07 28 13.3	-0.5
ALFC			S	Pn	07 28 42.1	-3.2
ALFC			AML	AML	07 28 46.0	
ALFC	1.3nm,0.2s		AML	AML	07 28 49.1	
OREN	Orenkoy-Mersin	2.62 108	Pn	Pn	07 28 15.2	+1.4
NISR	Nisiro	2.65 261	P	Pn	07 28 13.9	-0.3
NISR	Nisiro	2.65 261	P	Pn	07 28 12.3	-1.9
TEPK	Tepeky-MERSIN	2.68 107	Pn	Pn	07 28 16.5	+1.9
NATA	Nata	2.89 141	Pn	Pn	07 28 17.6	+0.2
NATA			S	Pn	07 28 05.6	-5.1
NATA			AML	AML	07 29 05.7	
NATA	1.4nm,0.6s		AML	AML	07 29 06.5	
NATA	1.2nm,0.9s		AML	AML	07 29 06.5	
SMG	Samos	2.90 284	P	Pn	07 28 16.7	-0.8
SMG	Samos	2.90 284	P	Pn	07 28 16.7	-0.8
TROD	Troodos	2.92 136	P	Pn	07 28 17.8	-0.2
TROD			S	Pn	07 28 51.0	-1.6
TROD			AML	AML	07 29 04.8	
TROD	0.4nm,0.6s		AML	AML	07 29 06.1	
TROD	0.5nm,0.5s		AML	AML	07 28 19.1	+0.1
KARP	Karpathos	3.01 241	P	Pn	07 28 19.1	+0.1
KARP			S	Pn	07 28 52.4	-2.1
KARP	Karpathos	3.01 241	P	Pn	07 28 19.5	+0.5
KARP	Karpathos	3.01 241	P	Pn	07 28 17.0	-2.0
ATHAL	Athalassa	3.10 127	P	Pn	07 28 20.4	+0.2
ATHAL			S	Pn	07 28 55.6	-1.2
ATHAL			AML	AML	07 29 08.3	
ATHAL	0.8nm,0.5s		AML	AML	07 29 13.8	
APOL	The Sanctuary	3.12 139	P	Pn	07 28 20.5	0.0
APOL			S	Pn	07 28 53.4	-3.8
APOL			AML	AML	07 29 04.1	
APOL	0.3nm,0.1s		AML	AML	07 29 06.6	
CSS	Mathiatis	3.18 130	P	Pn	07 28 20.7	-0.6
CSS			S	Pn	07 28 56.4	-2.2
CSS			AML	AML	07 29 09.7	
CSS	0.2nm,0.4s		AML	AML	07 29 10.8	
CSS	0.2nm,0.3s		AML	AML	07 28 21.1	-0.1
CSS	Mathiatis	3.18 130	P	Pn	07 28 20.6	-0.6
CSS	Mathiatis	3.18 130	P	Pn	07 28 22.3	+0.1
ASGA	Asgata	3.25 133	P	Pn	07 28 57.1	-3.2
ASGA			S	Pn	07 29 08.2	
ASGA			AML	AML	07 29 11.5	
ASGA	0.4nm,0.3s		AML	AML	07 29 11.5	
ASGA	0.3nm,0.5s		AML	AML	07 28 22.2	-1.0
MVOU	Mvrouvouni	3.33 127	P	Pn	07 28 57.7	-4.4
MVOU			S	Pn	07 29 10.4	
MVOU			AML	AML	07 29 10.4	
MVOU	0.3nm,0.3s		AML	AML	07 29 10.8	
CHOS	Chios island	3.68 292	P	Pn	07 28 27.8	-0.1
CHOS	Chios island	3.68 292	P	Pn	07 28 27.9	-0.1
BRTR	Keskin Array B	3.69 43	P	Pn	07 28 27.6	-0.6
BRTR	5.2nm,0.7s,baz=219,slow=16,SNR=36		S	Pn	07 29 08.8	-2.2
BRTR	8.6nm,0.7s,baz=221,slow=24,SNR=9.6		S	Pn	07 29 13.8	
BRTR	comp=Z,24nm,20.2s,baz=1.5,slow=35		LR	LR	07 29 41.3	
APE	Apeiranthos	3.88 272	P	Pn	07 28 30.5	-0.1
ZKR	Zakros	3.89 241	P	Pn	07 28 31.1	+0.4
ZKR			S	Pn	07 29 13.0	-2.6
PRK	Paraskevi	3.91 305	P	Pn	07 28 30.9	+0.1
SIGR	Sigri	4.17 250	P	Pn	07 28 35.5	+1.2
IDI	Anoyia	4.78 250	P	Pn	07 29 33.0	-4.1
IDI			S	Pn	07 28 41.7	-1.0
IDI	Anoyia	4.78 250	P	Pn	07 29 34.4	-2.7
IDI	6.1nm,0.5s,baz=88,slow=18,SNR=11		S	Pn	07 29 34.4	-2.7
SMTH	Samothraki Isl	5.10 313	P	Pn	07 28 47.3	+0.4
ALN	Alexandroupoli	5.11 320	P	Pn	07 28 46.9	-0.1
HWQ	Hawqa	5.31 120	eP	Pn	07 28 49.7	-0.3
BHL	Bhannes	5.33 125	eP	Pn	07 28 49.4	-0.8

BEIL	Beino	5.34 116	eP	Pn	07 28 49.6	-0.7
DORL	Deir Gamar	5.40 127	eP	Pn	07 28 50.2	-0.9
ZAHL	Zahle	5.51 124	eP	Pn	07 28 52.4	-0.2
HNTI	Hanita	5.58 134	P	Pn	07 28 51.6	-1.9
HNTI	Hanita	5.58 134	P	Pn	07 28 53.0	-0.5
RCY	Rhaya	5.70 127	eP	Pn	07 28 55.2	-0.1
MMAO	Mount Meron ar	5.76 133	P	Pn	07 28 55.6	-0.4
MMAOB	Mount Meron ar	5.76 133	P	Pn	07 28 56.0	-0.1
MMAOB	Mount Meron ar	5.76 133	S	Pn	07 28 57.9	-3.1
MMAI	Mount Meron Ar	5.76 133	P	Pn	07 29 55.9	-0.1
MMAI	30nm,0.5s,baz=318,slow=12,SNR=128		S	Pn	07 29 56.7	-4.2
MMAI	60nm,0.4s,baz=306,slow=25,SNR=20		S	Pn	07 28 56.3	-0.1
NATI	Neve Ativ	5.79 129	P	Pn	07 28 56.2	-0.1
NATI	Neve Ativ	5.79 129	P	Pn	07 28 57.0	-0.7
OFRI	Ofer	5.82 138	P	Pn	07 28 56.4	-0.4
OFRI	Ofer	5.82 138	P	Pn	07 29 59.1	-3.2
SLTI	Salit	6.15 140	P	Pn	07 29 01.2	0.0
SLTI	Salit	6.15 140	P	Pn	07 29 00.0	-1.2
SLTI	Salit	6.15 140	S	Pn	07 30 06.6	-3.6
DB3	El Dabaa	6.20 195	P	Pn	07 29 03.1	+1.3
DB3	baz=194		S	Pn	07 30 07.9	-3.4
ORNJ	Al-Qirein	6.36 136	P	Pn	07 29 04.3	+0.3
SALP	Salifit	6.37 140	P	Pn	07 29 03.5	-0.6
SALP	Salifit	6.37 140	P	Pn	07 29 03.4	-0.8
SALP	Salifit	6.37 140	S	Pn	07 30 12.7	-2.8
HMDT	Nahal Hemdat	6.40 137	P	Pn	07 29 04.8	+0.2
HMDT	Nahal Hemdat	6.40 137	S	Pn	07 30 13.5	-2.7
GAZA	Galqa	6.52 137	P	Pn	07 29 07.0	-0.7
AMAZ	Amazia	6.67 144	P	Pn	07 29 07.9	-0.3
AMAZ	Amazia	6.67 144	S	Pn	07 30 19.3	-3.4
AMAZ	Amazia	6.67 144	P	Pn	07 29 07.7	-0.5
DSI	Dead Sea	6.86 141	P	Pn	07 29 10.6	-0.2
DSI	Dead Sea	6.86 141	S	Pn	07 30 25.3	-2.1
DSI	Dead Sea	6.86 141	P	Pn	07 29 08.1	-0.3
YTR	Yatir	6.90 144	P	Pn	07 29 11.7	+0.2
YTR	Yatir	6.90 144	P	Pn	07 29 11.3	-0.2
YTR	Yatir	6.90 144	S	Pn	07 30 24.5	-4.1
KZIT	Kziot	6.98 150	P	Pn	07 29 12.0	-0.5
KZIT	Kziot	6.98 150	S	Pn	07 30 27.3	-3.1
KZIT	Kziot	6.98 150	P	Pn	07 29 11.2	-0.1
SLUM	Salum	7.01 219	P	Pn	07 29 13.5	+0.7
MDBI	Mazada	7.06 143	P	Pn	07 29 13.6	+0.1
MDBI	Mazada	7.06 143	P	Pn	07 29 13.6	+0.1
MSBI	Mazada	7.06 143	P	Pn	07 29 13.6	+0.2
LISJ	El Lisan	7.18 142	P	Pn	07 29 16.3	+1.2
KOT	Kottamia	7.21 170	P	Pn	07 29 16.1	+0.5
KOT	baz=168		S	Pn	07 29 17.4	+1.1
ASF	Jabal al Asfar	7.25 130	P	Pn	07 29 17.4	+1.1
ASF	4.5nm,0.4s,baz=226,slow=0.1,SNR=11		S	Pn	07 30 38.1	-1.0
ASF	3.6nm,0.3s,baz=233,slow=0.3,SNR=1.9		S	Pn	07 29 17.7	+1.5
ASF	Jabal al Asfar	7.25 130	P	Pn	07 29 17.1	+1.0
HMYD	Mayadein	7.25 177	P	Pn	07 29 17.1	+1.0
KARJ	KARJ	7.36 142	P	Pn	07 29 07.5	-1.0
HNAT	Natron	7.41 178	P	Pn	07 29 1	

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like Samuel, Alhualpa, Vilavencio, Cruz Verde, etc.

WEL 17 07:41:51.0-5.44 S, 3x16 8E, h5km, 3km, M3.4/16, ML3.6/18, MLV3.4/16, Error ellipse: s-maj=0.0km s-min=0.0km az=131.7 confirmed

NOU 17 07:41:52.7, 44.45S, 168.26E, h7km, MLV3.6/7, South Island, New Zealand

ISC 17 07:41:52.5-1.2, 44.49S, 0.003, 168.23E, 0.003, h6km, 10km, a47, o096/59, South Island

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like Milford Sound, Jackson Bay, Wanaka, etc.

RSNC 17 07:45:10.0-0.5 N, 3x7 3W, h2km, 5km, M2.1, mb3.7, ML2.1, Colombia

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like Villavencio, Cruz Verde, El Rosal, etc.

IDC 17 07:47:31.0-2.0, 0.37, 109N, 4:41W, h0km, mb3.4/2, mbmp3.5/4, ML3.1/2, MS2.6/2, Error ellipse: s-maj=30.4km s-min=24.8km az=71.0

NEIC 17 07:47:33.1-0.5, 37.13N, 0:05:4.29W, h10km, 2km, mb, Lq3.7/12, Error ellipse: s-maj=10.0km s-min=8.4km az=128.0

IGIL 17 07:47:33.8, 37.13N, 4:26W, h0km, ML3.5 SFS 17 07:47:33.8, 37.17N, 4:29W, h1km, ML4.0/37, ML4.2/29, MLV3.8/37

LDG 17 07:47:34.9-0.1, 37.15N, 4:27W, h5km, M13.7/28, Error ellipse: s-maj=2.7km s-min=2.2km az=142.0

INMG 17 07:47:34.3-1.5, 37.17N, 4:24W, h12km, 2km, ML3.9, Error ellipse: s-maj=1.9km s-min=1.6km az=38.0

MDD 17 07:47:34.8-0.1, 37.14N, 4:28W, h12km, mb, Lq4.1/60, Error ellipse: s-maj=1.3km s-min=1.0km az=154.0

ISC 17 07:47:33.0-0.8, 37.22N, 0:02:4.26W, 0.01, h17km, 6km, n159, r197/337, 12C-3D, Spain

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like Sierra Gorda, Malaga-Limoner, Los Guajares, etc.

Code Station Name Az Alt Phase ID Time Res CHIC Chingaza 0.35 257 P Pg 07 45 15.7 -1.1

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like Sonseca Array, Badajoz, etc.

EDSC comp=Z,582nm,0.9s comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

ESBB Sonseca Array 2.46 5 Pn Pn 07 48 15.2 +2.7 EMUR La Murta 2.48 75 Pn Pn 07 48 14.9 +2.2

ESDC comp=Z,70nm,0.3s, baz=189, slow=29, SNR=26 comp=Z,3.2nm,0.3s

Table with columns for station name, frequency, and signal strength. Includes stations like ETOR, EJUZ, E0901, MTE, EMOS, PMAFR, COI, AVE, ECAL, EIBI, PVRL, PBRG, POLO, ECAL, ERTA, PCAB, ESAC, ELOB, PGAV, EPOB, ELAN, EORO, ETOS, EAR1, EAGO, SJPJ, ETSF, EPON, TIO, EPF, CEST, EJON, MTLF, LFF, CAF, RJF, LASF, MFF, VVVF.

Table with columns for station name, frequency, and signal strength. Includes stations like TCF, QUIF, BGF, ORIF, VSL, KEST, SBF, SGMF, AVF, ROSE, SMF, MBDF, SRR, GRR, PGF, LOR, LDF, FLN, CABF, VRAC, TOR, NOA, KURB, CHKH, CHKH, ECBN, CHKT, CHKT, FULB, FULB, EYUL, EYUL, EDH, EDH, TWF1, TWF1, HGSD, ECS, ECS, YULB, YULB, YULB, EHD, EHD, EHYH, EHYH, EHY, EHY, LDUT, LDUT, LONT, LONT, EGFH, EGFH, ELDTW, ELDTW, WARBT, WARBT, TWGBT, TWGBT, TWG, TWG, SHUL, SHUL, ESL, ESL, TEYL, TEYL, VVDT, VVDT, STYH, STYH.

Table with columns for station name, frequency, and signal strength. Includes stations like ETM, ECL, ECL, LXIB, LXIB, SSLB, SSLB, WHYT, WHYT, OWD, OWD, TWD, TWD, TWD, TWD, WUSB, WUSB, WUSB, WUSB, CHNS, CHNS, WCKO, WCKO, SMLT, SMLT, SMLT, SMLT, SSD, SSD, NACB, NACB, CHN1, CHN1, CHN1, TYC, TYC, TYC, WHF, WHF, WHF, SNST, SNST, SNST, EAST, EAST, EAST, TWK, TWK, TWK, WJS, WJS, WJS, TAWH, TAWH, TAWH, MASBT, MASBT, MASBT, SCST, SCST, SCST, WCS, WCS, WCS, LAY, LAY, LAY, WGK, WGK, WGK, WNT, WNT, WNT, WDLH, WDLH, WDLH, FUSS, FUSS, FUSS, EOS4, EOS4, EOS4, TWM1, TWM1, TWM1, TWT, TWT, TWT, TDCB, TDCB, TDCB, SHHT, SHHT, SHHT, SLIU, SLIU, SLIU, SCZT, SCZT, SCZT, WTK, WTK, WTK, ICHU, ICHU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, ASAR Alice Springs, CMAR Chiang Mai Arr, KLR Kuldur, etc.

NEIC 17 09:06:09.3-2.0, 6.2S:0.2:154.9E:0.1, h52km, 10km, mb4.4/12, Error ellipse: s-maj=24.1km s-min=11.9km az=207.0

IDC 17 09:06:10.2-4.4, 6.38S:155.12E, h69km, 37km, mb3.7/10, mbmp4.1/12, ML3.3/2, Error ellipse: s-maj=27.0km s-min=19.6km az=77.0

ISC 17 09:06:09.1-0.7, 6.3S:0.1:155.1E:0.1, h56km, n33, r1509/28, mb4.1/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, DZM Mont Dzumac, WRA Warrungarra Arr, ARMA Armadale, etc.

KURBB Kurchatov Arra 86.36 322 P P 09 18 43.9 -1.3 comp=Z:1.8nm,0.8s comp=Z:0.3nm,0.4s,ba=101,slow=4.3,SNR=2.7 comp=Z:0.3nm,0.4s

IDC 17 09:17:57.6-2.2, 17.61S:179.00W, h524km, 24km, mb3.2/10, mbmp4.1/11, Error ellipse: s-maj=26.6km s-min=13.0km az=146.0

NEIC 17 09:17:57.7-1.8, 17.6S:0.2:178.7W:0.2, h539km, 12km, mb4.2/32, Error ellipse: s-maj=30.2km s-min=17.6km az=138.0

ISC 17 09:17:58.2-0.6, 17.7S:0.1:178.9W:0.1, h539km, n53, r1503/55, mb4.2/24, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, PINNC Pines Island, etc.

FORT Forrest 49.72 244 P P 09 26 00.9 -0.3 FITZ Fitzroy Crossi 52.64 260 P P 09 26 22.6 0.0 MJAR Matsushiro Arr 67.46 324 P P 09 28 00.2 -0.4

JKA Kamikawa-asahi 70.86 332 P P 09 28 21.6 +0.7 JKA 09 28 43.9

PETK Petrozavsk 73.34 346 P P 09 28 35.2 +0.3 comp=Z:1.9nm,0.7s

MNAI Manna 77.44 269 P P 09 28 58.0 -0.7 O16K Kokok River B 78.81 11 P P 09 29 06.4 -1.8 O16K 09 29 06.4

N15K Kwethluk River 79.05 9 P P 09 29 06.1 -0.1 N15K 09 29 35.4

NVAR Mina Array Bea 79.56 44 P P 09 29 10.9 +1.3 comp=Z:0.7nm,0.7s,ba=230,slow=7.0,SNR=6.2

O18K Koktuh Hills 79.61 12 P P 09 29 08.7 -0.6 O18K 09 29 42.2

M17K Holitna River 80.65 10 P P 09 29 15.0 +0.4 M17K 09 29 36.3

L18K Granite Mounta 81.54 10 P P 09 29 19.3 +0.2 L18K 09 29 20.5

J16K Anvik River 81.95 8 P P 09 29 22.3 +1.1 SUA Susitna One 82.00 13 P P 09 29 20.8 -0.9 SUA 09 29 22.9

J17K VABM Dome 82.27 9 P P 09 29 23.0 +0.2 J17K 09 30 01.1

J20K Innoko River 82.70 10 P P 09 29 24.8 -0.3 K18K Telida 83.06 11 P P 09 29 26.3 -0.5 RND Reindeer 84.14 13 P P 09 29 32.3 +0.1 RND 09 29 32.8

I21K Tanana 85.10 11 P P 09 29 35.9 -0.9 IL31 85.76 13 P P 09 29 39.1 -0.8 ILAR Eielson Array 85.76 13 P P 09 29 39.5 -0.5

J25K Salcha River 85.96 14 P P 09 29 40.5 -0.5 TXAR Lajtha Arr 86.24 58 P P 09 29 44.9 +1.6 comp=Z:0.5nm,0.8s,ba=216,slow=6.6,SNR=6.9

J26L Joseph Creek 86.28 15 P P 09 29 42.0 -0.6 J26L 09 29 42.4

EGAK Eagle 87.10 15 P P 09 29 46.3 0.0 EGAK 09 30 24.6

PDAR Pinedale Array 87.48 44 P P 09 29 49.8 +0.8 comp=Z:0.4nm,0.5s,ba=208,slow=3.4,SNR=5.7

BVAR Bayove Array 116.39 321 PKP PKPdf 09 35 40.1 -0.4 BRTR Keskin Arr B 144.31 315 PKP PKPab 09 36 33.8 +0.1

CLL Colim 145.14 347 PKPb PKPbc 09 36 35.2 0.0 GERRS GERRS Arr B 147.27 345 PKPbc PKPbc 09 36 41.2 -0.1 comp=Z:0.4nm,0.4s,ba=54,slow=5.0,SNR=4.7

IDC 17 09:19:27.0-4.3, 32.43N:86.83E, h0km, mb3.6/2, mbmp3.6/5, ML3.5/3, Error ellipse: s-maj=260.9km s-min=26.3km az=64.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arra, WRA Warrungarra Arr, ASAR Alice Springs, etc.

km: Longitude uncertainty: 3 km THE 17 09:35:44.6, 34.89N:23.78E, h1km, 3km, ML2.5/4, Error ellipse: s-maj=4.4km s-min=1.0km az=231.0

ISC 17 09:35:42.2-2.1, 34.77N:0.08:23.70E:0.06, h5km, 11km, n33, r1573/38, mb3.6/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVD Gavdhos, GVD Gavdhos, KNDR Palaiochora Ch, IMMV Iera Moni Meta, etc.

SDD 17 09:36:36.9-2.2, 19.61N:70.51W, h23km, 18km, MD3.0, ML2.0, MW3.0

OSPL 17 09:36:39.2-1.2, 19.53N:70.65W, h12km, 5km, ML2.3

ISC 17 09:36:37.0-1.0, 19.56N:0.03:70.50W:0.03, h15km, 8km, n16, r1583/23, 9C-7D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SODR Sosua Marina B, SC01 Santiago de lo, SC01 San Fco de Ma, etc.

MOS 17 09:41:21.7-0.9, 14.93N:119.84E, h20km, mb5.4/56, MS5.1/19, Error ellipse: s-maj=7.1km s-min=3.9km az=111.5

BUI 17 09:46:22.1-0.0, 14.59N:120.07E, h46km, mb4.8/75, mB5.1/62, MS5.2/90, MS7.5/185

NEIC 17 09:46:22.4, 14.90N:119.71E, h26km

NEIC 17 09:46:22.4, 15.10N:119.91E, h26km, Moment Tensor Solution: Duration: 26 Moment tensor: Scale 1017Nm; M1:1.38, M2:0.02, M3:1.40, M4:0.04, M5:0.21, M6:0.62; Fault plane solution: M: 54000x1017 NPT1: phi:186.42000; s56.93000; 1.87.96000; NP2:phi:10.17000; phi3:12000; A93.14000; Principal axes: P: 1.5155, P1g77.0000; Azm89.0000; N: 0.0498, P1g2.0000; Azm188.0000; P: -1.5653, P1g12.0000; Azm278.0000; MAN 17 09:46:23.1, 14.97N:119.64E, h10km, mb5.9, ML5.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like L27K, BCAR, CFR, E29M, M27K, I28M, RNPP9, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like P30M, KOLS, KOLS, HOLL, MARR, N31M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like VRAC, VRAC, VRAC, CRAG, CRAG, CRAG, etc.

comp=E,340nm,1.2s IAML 11 28 28.3

IDC 17 11:28:19.9,19.0,19.06N,155.79W,h0km,mb3.7/3, mbmt3.7/3,Error ellipse: s-maj=41.5km s-min=54.7km az=36.0

HVO 17 11:28:22.7-1.1,19.399N,0.006-155.273W,0.007,h0km,4km,ML4.0/7,ML3.3/32(NEIC),Error ellipse: s-maj=1.0km s-min=0.9km az=221.0

NEIC 17 11:28:23.5-1.2,19.40N,0.01-155.281W,0.008,h5km,1km,Error ellipse: s-maj=1.9km s-min=1.5km az=166.0

ISC 17 11:28:23.5-0.9,19.42N,0.003-155.30W,0.02,h3km,4km,n37,r1910/35,mb3.8/3,Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like UWE, WRMH, OBL, etc.

IDC 17 11:43:01.5,2.4,4.05N,123.69E,h0km,mb3.4/3, mbmt3.4/3,Error ellipse: s-maj=307.6km s-min=26.4km az=63.0, Celebes Sea

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

CATAC 17 11:49:27.7-0.7,13.28N,90.33W,h24km,8km,ML3.4 SNET 17 11:49:29.0-0.8,13.35N,90.25W,h62km,21km,ML3.4

GCG 17 11:49:30.0-0.6,13.39N,90.55W,h26km,5km,MD3.5 ISC 17 11:49:27.9-1.8,13.29N,0.07-90.34W,0.05,h28km,13km,n47,r0546/71,8C,Near coast of Guatemala

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

CEDA San Andres 1.06 61 i P Pn 11 49 46.7 -0.2

CEDA comp=Z,2um,1.0s Piamonte 1.09 67 eP Sn 11 50 01.6 +0.9

BOOS Bouqueron 1.13 67 eP Pn 11 49 48.0 0.0

SNET Universidad Ev 1.16 68 eP Sn 11 49 48.2 -0.1

QUEZ comp=Z,360nm,1.0s Alcala de Qu 1.18 62 i P Pn 11 49 48.5 0.0

PANCS Alcalda de 1.18 74 eP Pn 11 49 48.1 -0.5

LOMA Loma Larga 1.20 72 eP Pn 11 49 48.6 -0.3

COEG Centro de Oper 1.46 77 eP Pn 11 49 52.3 -0.2

STG3 Santiago 3, 1.85 320 i P Sn 11 49 58.2 +0.2

RANC El Ranchito 2.00 86 i P Pn 11 50 00.0 0.0

LCND La Caada 2.39 89 i P Sn 11 50 04.9 -0.3

AMPH Amapala 2.61 90 i P Pn 11 50 07.8 -0.5

DSBU Dashti - Bushe 0.21 191 Op Pn 12 18 10.7 -0.4

KAZZ Kazeron-Fars-I 1.09 17 Pn 12 18 23.0 -1.7

QIRI Qir 1.53 93 Pn 12 19 02.7 +0.8

JHRM Jahrom 2.00 91 Pn 12 18 39.4 -1.4

BRTR Keskin Array B 18.34 312 P 12 22 16.5 -1.2

BVAR Borovoye Array 28.21 25 P 12 23 56.7 +1.1

KURBB Kurchatov Arra 30.12 35 P 12 24 13.9 +1.3

ILAR Eielson Array 85.89 8 P 12 30 42.4 +0.1

ASAR Alice Springs 94.93 114 P P 12 31 25.4 -0.1

IDC 17 12:28:30.5-3.5,5.73S,152.47E,h0km,mb3.4/2, mbmt3.5/3,ML1.7/1,Error ellipse: s-maj=142.2km s-min=48.6km az=127.0,New Britain region

PMG Port Moresby 6.41 235 Op Pn 12 30 06.6 +0.4

WRA Warramunga Arr 22.59 320 P 12 33 32.9 0.0

ASAR Alice Springs 25.25 223 P P 12 33 58.3 -0.3

TORD Torodi Arr. Bea 150.27 286 PKPbc PKPbc 12 48 24.8 0.0

NEIC 17 12:31:49.7-0.5,36.064N,0.004-97.56W,0.01,h4km,5km, Error ellipse: s-maj=1.4km s-min=0.3km az=70.0

TUL 17 12:31:50.0-0.6,36.072N,0.006-97.57W,0.01,h5km,3km, ML2.4,mb_Lg2.4/32(NEIC),ML2.6/64(NEIC),Error ellipse: s-maj=1.4km s-min=0.8km az=107.0,Oklahoma

OK029 Liberty Lake 0.29 162 Op Pn 12 31 56.0 +0.3

ADOK Arcadia Dam 0.45 159 Pn 12 31 59.0 +0.3

OK031 S. Brethren Rd 0.60 101 Pn 12 32 01.8 +0.3

OK051 E0350 and S346 0.73 54 IAML Pg 12 32 04.0 -0.1

BLOK Blackwell 0.74 22 IAML Pg 12 32 04.7 +0.4

GC02 Grant County #2 0.81 343 Pn 12 32 04.9 -0.7

DEOK Depew 0.90 104 Pn 12 32 06.9 -0.3

OK032 Salt Plains W 0.90 325 IAML Pg 12 32 06.9 -0.3

KAN14 Manchester OK 0.94 340 IAML Pg 12 32 07.5 -0.5

KAN17 Caldwell West 0.98 351 Pn 12 32 08.2 -0.7

CSTR Hydro Buster 1.01 245 Pn 12 32 08.4 -0.9

W35A Tecumseh 1.08 148 IAML Pg 12 32 09.9 -0.7

W35A comp=E,163nm,0.4s IAML 12 32 29.9

17d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDHH Sand Hill, RSD Rainhead, PUH Pauahi, etc.

IDC 17 13:16:47.3±0.8, 12.96N-87.02W, h182km, 12km, mb3.6/6, mbtmp4.1/9, Error ellipse: s-maj=2.7km s-min=8.4km az=44.0

SNET 17 13:16:47.5±0.8, 12.98N-87.23W, h198km, 3km, ML4.0, NEIC 17 13:16:48.5±1.0, 12.82N-0.08-87.18W±0.07, h185km, 8km, mb4.3/34, Error ellipse: s-maj=12.6km s-min=8.7km az=218.0

CATAC 17 13:16:48.7±0.5, 12.79N-87.20W, h180km, 4km, ML3.4, ISC 17 13:16:47.9±0.7, 12.83N-0.06-87.18W±0.04, h191km, 5km, n106, ±0.6/116, mb4.3/23, 1C, Near coast of Nicaragua

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRIN San Cristobal, QUEN AI S del Volca, etc.

200 JUN

Table of station data for 200 JUN with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LFRS El Faro, LOMA Loma Larga, ACON Acopya, etc.

NDI 17 13:21:27.2±3.5, 17.77N-96.11E, h10km, mb5.0, MW4.7, mb5.1(NEIC)

BUI 17 13:21:28.4±0.0, 18.07N-95.90E, h21km, mb4.7/69, mb5.2/51, ML5.5/3, Ms5.2/73, Ms7.4/8/69

IDC 17 13:21:28.2±0.4, 18.30N-96.07E, h0km, mb4.6/35, mbtmp4.6/37, ML4.1/2, MS4.2/67, Error ellipse: s-maj=13.2km s-min=9.4km az=25.0

NEIC 17 13:21:30.2, 18.18N-96.08E, h12km, Moment Tensor Solution. Duration: 196 Moment tensor: Scale 10^16Nm; Mn:2.65; Mw:0.90; Mx:1.75; My:0.85; Mz:1.90; Mv:2.11;

MOS 17 13:21:30.8±0.9, 18.30N-96.06E, h30km, mb5.1/58, MS4.5/10 Error ellipse: s-maj=7.0km s-min=3.9km az=117.2

NEIC 17 13:21:30.2±0.9, 18.28N-0.06-96.07E±0.07, h10km, 1km, mb5.1/48, Mmw5.0/19, Error ellipse: s-maj=12.2km s-min=9.4km az=234.0

NEIC 17 13:21:30.2, 18.28N-96.06E, h12km, GCMT 17 13:21:31.2±0.2, 18.19N-96.22E±0.01, h13km, Mw5.0/109, Moment Tensor Solution: s47, c64; s109, c177; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.18; Mw:0.52; Mx:2.66; My:0.8; Mz:2.26; Mv:2.0; Mw:1.74; Mw:1.01; Mw:2.0; Best double couple: M3.56400x10^16 NP1:0.336, 0.00000, 0.6300000, 1.9600000, NP2:0.145, 0.00000, 0.8370000, 1.8200000, Principal axes: T 3.3500, Plg80.0000, Azm267.0000; N 0.4897, Plg11.0000, Azm148.0000; P -3.9920, Plg18.0000, Azm54.0000;

MOS 17 13:21:30.8±0.9, 18.30N-96.06E, h30km, mb5.1/58, MS4.5/10 Error ellipse: s-maj=7.0km s-min=3.9km az=117.2

NEIC 17 13:21:30.2±0.9, 18.28N-0.06-96.07E±0.07, h10km, 1km, mb5.1/48, Mmw5.0/19, Error ellipse: s-maj=12.2km s-min=9.4km az=234.0

NEIC 17 13:21:30.2, 18.28N-96.06E, h12km, GCMT 17 13:21:31.2±0.2, 18.19N-96.22E±0.01, h13km, Mw5.0/109, Moment Tensor Solution: s47, c64; s109, c177; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.18; Mw:0.52; Mx:2.66; My:0.8; Mz:2.26; Mv:2.0; Mw:1.74; Mw:1.01; Mw:2.0; Best double couple: M3.56400x10^16 NP1:0.336, 0.00000, 0.6300000, 1.9600000, NP2:0.145, 0.00000, 0.8370000, 1.8200000, Principal axes: T 3.3500, Plg80.0000, Azm267.0000; N 0.4897, Plg11.0000, Azm148.0000; P -3.9920, Plg18.0000, Azm54.0000;

MOS 17 13:21:30.8±0.9, 18.30N-96.06E, h30km, mb5.1/58, MS4.5/10 Error ellipse: s-maj=7.0km s-min=3.9km az=117.2

NEIC 17 13:21:30.2±0.9, 18.28N-0.06-96.07E±0.07, h10km, 1km, mb5.1/48, Mmw5.0/19, Error ellipse: s-maj=12.2km s-min=9.4km az=234.0

NEIC 17 13:21:30.2, 18.28N-96.06E, h12km, GCMT 17 13:21:31.2±0.2, 18.19N-96.22E±0.01, h13km, Mw5.0/109, Moment Tensor Solution: s47, c64; s109, c177; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.18; Mw:0.52; Mx:2.66; My:0.8; Mz:2.26; Mv:2.0; Mw:1.74; Mw:1.01; Mw:2.0; Best double couple: M3.56400x10^16 NP1:0.336, 0.00000, 0.6300000, 1.9600000, NP2:0.145, 0.00000, 0.8370000, 1.8200000, Principal axes: T 3.3500, Plg80.0000, Azm267.0000; N 0.4897, Plg11.0000, Azm148.0000; P -3.9920, Plg18.0000, Azm54.0000;

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BGR 17 13:21:37.5, 18.49N-95.46E, h33km, mb4.9, Ms4.4, ISC 17 13:21:31.9±0.5, 18.21N-0.03-96.01E±0.03, h24km, 3km, h24km; p-P, n814, r1938764, mb4.9/218, MS4.3/88,

Main table of station data for 982 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like CLL, NB2, NOA, NC204, KBA, WET, OSL, TANN, PLN, LESA, MANZ, STAL, GORT, VAE, MOX, MOX, FLTG, DOMB, DOMB, KONO, KONO, GRB3, FDMO, NRCA, GRB1, GRB2, GRB4, GRB4, GRA2, GRF, GRC2, WTTA, WATA, SKAR, NRDL, SQTA, MOTA, GTTG, UBBA, RETA, RETH, FETA, DAVA, DAVOX, LSZ, LSZ, TNS, GAMB, AHRW, TNA, SENIN, M14P, F14K, SPIA, KEST, KEST, C17K, A19K, B18K, RDOG, F15K, D17K, P08K, JMJC, C18K, G15K, E17K, M11K, C19K, A21K, G16K, E18K, E18K.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like K13K, F17K, B20K, B20K, H16K, J14K, NIKH, D19K, A22K, G17K, F18K, F18K, D20K, M13K, H17K, H17K, L14K, H17K, E19K, B21K, F19K, F19K, E20K, G18K, B22K, B22K, K15K, C21K, J16K, UNV, L15K, H18K, M14K, G19K, F20K, E21K, E21K, EKA, J17K, N14K, D22K, D22K, H19K, H19K, M15K, GCSA, C23K, L16K, LBTB, LBTB, LBTB, LBTB, K17K, F21K, N15K, D23K, E22K, L17K, FALS, H20K, G21K, M16K, F22K, J18K, C24K, J19K, J19K, O15K, N16K, D24K, TOLK, TOLK, I20K, G22K, L18K, E20K, H21K, H21K, J20K, COLD, O16K, E24K, D25K, H22K, C26K, G23K.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like G23K, K20K, K20K, I21K, M18K, O17K, L19K, L19K, BOSA, BOSA, BOSA, BOSA, F24K, F24K, L20K, CHUM, C27K, MLY, H23K, H23K, P17K, E25K, CAST, CAST, Q16K, CHNA, BPAW, N19K, PPLA, I23K, F25K, O18K, M20K, TAM, G25K, NEA2, F26K, BMAR, D27M, H25L, SKT, SKT, COLA, POKR, MCK, E27K, G26K, P19K, RND, SUMG, D28M, O20K, ILAR, ILAR, ILAR, PRP, PRP, SUA, HDA, E28M, E28M, R18K, CAPN, CASEY, J25K, J25K, G27K, F28M, R01, RCM, E29M, E29M, SII, TSUM, SML, I26K, H27K, KDAK, KDAK, A36M, A36M, J26L, J26L.

17d 13h

Table with columns: IZ7K, SCM, ESDC, etc. containing station names, coordinates, and status. Includes stations like Kandik River, Sheep Creek, Sonseca Array, etc.

2018 JUN

Table with columns: BBB, NEW, QSPA, MSO, etc. containing station names, coordinates, and status. Includes stations like Bella Bella, Newport, Pole Pk, Missoula, etc.

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Table with columns: ROSC, LPAZ, etc. containing station names, coordinates, and status. Includes stations like El Rosal, La Paz, Warramunga Arr, etc.

AFI	Afiamalau	10.94	42	P	P	13 41 39.0	+0.3
AFI	Afiamalau	10.94	42	P	P	13 41 36.9	-1.9
AFI	Afiamalau	10.94	42	P	P	13 41 36.9	-1.9
MARNC	Mare, Loyalty	11.74	271	P	P	13 41 47.4	+0.6
PINNC	Pinnes Island,	12.22	266	P	P	13 41 52.3	+0.6
PINNC	Pinnes Island,	12.41	219	P	P	13 41 51.9	+0.9
LIFNC	LIFOU	12.57	274	P	P	13 41 54.7	+0.5
LIFNC	LIFOU	12.57	274	P	P	13 41 54.2	-1.0
YATNC	Mamie plateau,	12.76	268	P	P	13 41 58.8	+1.6
OUENC	Ouen Island, N	12.79	266	P	P	13 41 57.1	-0.4
OUENC	Ouen Island, N	12.79	266	P	P	13 41 57.3	-0.1
DZM	Mont Dzumac	13.17	268	P	P	13 42 01.1	+0.2
DZM	Mont Dzumac	13.17	268	eP	P	13 42 00.1	-1.4
DZM	Mont Dzumac	13.17	268	P	P	13 42 00.7	-0.8
DZM	Mont Dzumac	13.17	268	P	P	13 42 01.1	-0.4
NOUC	Port Laguerre	13.20	265	P	P	13 42 02.5	-0.3
OZU	Omahuta	14.37	204	P	P	13 42 14.6	+1.2
KUZ	Kuaitonu	15.12	195	P	P	13 42 21.3	+0.6
KOUNC	Koumac, New Ca	15.33	273	P	P	13 42 23.3	+0.3
KOUNC	Koumac, New Ca	15.33	273	P	P	13 42 23.3	+0.7
MXZ	Matakaoa Point	15.45	187	P	P	13 42 24.0	+0.1
HAZ	Te Kaha	15.71	188	P	P	13 42 25.1	-1.3
PKGZ	Pakihia	15.80	189	P	P	13 42 26.7	-0.6
RUGZ	Raukumara Rang	15.93	189	P	P	13 42 27.3	-1.3
GRZ	Tauranga	15.94	193	P	P	13 42 30.2	+1.7
PUZ	Puketiti	15.96	187	P	P	13 42 27.7	-1.0
OPRZ	Ohinepanea	15.99	192	P	P	13 42 29.8	+0.8
FWZ	Tauwharaparua	16.10	198	P	P	13 42 29.7	+0.4
TOZ	Tahuroa Road	16.11	195	P	P	13 42 30.8	+0.7
KARZ	Kaharoa	16.23	193	P	P	13 42 32.4	+1.2
OMRZ	Omania	16.28	192	P	P	13 42 32.8	+1.0
URZ	Urewera	16.30	190	P	P	13 42 31.0	-0.9
URZ	Urewera	16.30	190	P	P	13 42 29.0	-2.9
URZ	Urewera	16.30	190	P	P	13 42 29.1	-2.8
MWZ	Matawai	16.31	189	P	P	13 42 30.9	-1.1
TKGZ	Te Karaka	16.37	188	P	P	13 42 32.0	-0.5
CNGZ	Carnagh Statio	16.37	187	P	P	13 42 32.9	+0.4
RRRZ	Republicain Roa	16.42	189	P	P	13 42 33.0	+1.1
RAGZ	Rawiri	16.49	189	P	P	13 42 32.5	-1.1
MUGZ	Murupara	16.57	191	P	P	13 42 32.1	-2.2
MUGZ	Murupara	16.57	191	P	P	13 42 32.0	-2.1
HRRZ	Handcock Road	16.58	192	P	P	13 42 34.6	+0.2
RIGZ	Rimuhau	16.65	188	P	P	13 42 35.4	+0.4
RIGZ	Rimuhau	16.65	188	P	P	13 42 35.4	+0.4
PRRZ	Plateau Road	16.66	192	P	P	13 42 34.9	-0.3
RTZ	Ruatahuna	16.67	190	P	P	13 42 33.1	-2.2
SNGZ	Shannon Statio	16.78	189	P	P	13 42 35.2	-1.0
SNGZ	Shannon Statio	16.78	189	P	P	13 42 35.2	-1.0
PRZ	Paritua Road	16.84	187	P	P	13 42 36.0	-1.5
MTHZ	Maungataniwha	16.93	190	P	P	13 42 36.0	-1.5
MTHZ	Maungataniwha	16.93	190	P	P	13 42 36.0	-1.5
RAHZ	Arahi	16.95	190	P	P	13 42 35.3	-2.9
KNZ	Kokohu	16.97	188	P	P	13 42 36.7	-1.2
MNHZ	Matea Rd	16.99	191	P	P	13 42 36.5	-1.4
HIZ	Hauti	17.01	196	P	P	13 42 39.2	+0.9
HIZ	Hauti	17.01	196	P	P	13 42 40.3	+2.0
MHGZ	Mahia Peninsul	17.07	187	P	P	13 42 39.2	+0.4
RATZ	Rangitukua	17.14	193	P	P	13 42 39.2	-0.3
NMHZ	Naumai	17.17	190	P	P	13 42 39.1	-0.7
RITZ	Rihia Road	17.23	193	P	P	13 42 39.1	-0.1
BKZ	Black Stump Fm	17.29	191	P	P	13 42 38.9	+1.1
BKZ	Black Stump Fm	17.29	191	P	P	13 42 38.0	-2.9
ARHZ	Aroapanui	17.29	191	P	P	13 42 38.2	-2.7
NTVZ	North Tongarir	17.38	193	P	P	13 42 40.9	0.0
NTVZ	North Tongarir	17.38	193	P	P	13 42 41.8	0.0
TMVZ	Te Maari	17.41	193	P	P	13 42 41.8	+0.6
ETVZ	East Tongarir	17.41	193	P	P	13 42 42.1	+0.1
WTVZ	West Tongarir	17.42	193	P	P	13 42 42.7	+0.6
PNVZ	North Ngauruho	17.43	193	P	P	13 42 42.1	-0.2
QTVZ	Oturere	17.45	193	P	P	13 42 42.1	-0.4
SNVZ	South Ngauruho	17.47	193	P	P	13 42 42.5	-0.2
MGHZ	McKenzie Hill	17.50	191	P	P	13 42 41.9	-1.4
KWHZ	Kaweka Forest	17.55	191	P	P	13 42 41.9	-1.4
VRZ	Vera Road	17.61	195	P	P	13 42 46.8	+3.0
WNVZ	Wahianoa	17.62	193	P	P	13 42 43.5	-0.5
MOVZ	Moawhango	17.66	193	P	P	13 42 43.6	-0.7
CKHZ	Cape Kidnapper	17.68	189	P	P	13 42 44.3	0.0
CKHZ	Cape Kidnapper	17.68	189	P	P	13 42 44.3	0.0
KRHZ	Kereru	17.78	191	P	P	13 42 43.8	-1.5
KAHZ	Kahuranaki	17.84	190	P	P	13 42 45.7	-0.1
KHEZ	Kahui Hut	17.97	197	P	P	13 42 47.3	+0.2
PNHZ	Puketiti	18.07	191	P	P	13 42 47.1	-0.9
FXZ	Pawarua	18.07	191	P	P	13 42 47.0	-1.0
RARZ	Rakononga	18.22	91	P	P	13 42 48.1	-0.5
TSZ	Takapari Road	18.25	192	P	P	13 42 48.8	-0.8
BFZ	Birch Farm	18.81	190	P	P	13 42 54.5	-0.1
BFZ	Birch Farm	18.81	190	P	P	13 42 53.2	-1.4
MRZ	Mangatanihoka R	18.91	192	P	P	13 43 02.8	0.0
SNZO	South Karori	19.71	193	P	P	13 43 02.0	-0.8
TCW	Tory Channel	19.71	194	P	P	13 43 02.0	-0.8
QRZ	Quartz Range	19.81	198	P	P	13 43 03.8	+0.1
QRZ	Quartz Range	19.81	198	P	P	13 43 03.8	+0.1
TKHZ	Takaka Hill	19.83	197	P	P	13 43 03.7	-1.1
THZ	Topohue	20.57	197	P	P	13 43 10.4	-0.3
KHZ	Kahutara	21.03	195	P	P	13 43 13.6	-1.1
KHZ	Kahutara	21.03	195	P	P	13 43 13.1	-1.6
GVZ	Greta Valley S	21.67	195	P	P	13 43 18.7	-1.8
RPZ	Rata Pea	22.89	192	P	P	13 43 30.5	-0.9
JCBZ	Jackson Bay	23.41	191	P	P	13 43 41.0	+0.3
ODZ	Otahua Downs	23.24	197	P	P	13 43 45.1	+1.9
TARA	Tarawa	24.59	341	P	P	13 43 46.3	-0.4
MLZ	Mavora Lakes	25.29	201	P	P	13 43 53.0	+0.4
DCZ	Deep Cove	25.71	202	P	P	13 43 56.0	-0.2
WHZ	Wether Hill	25.81	201	P	P	13 43 57.1	0.0
SYZ	Scrubby Hill	26.02	198	P	P	13 43 58.5	-0.5
EIDS	Eidsvold	27.22	257	P	P	13 44 09.6	-0.2
EIDS	Eidsvold	27.22	257	P	P	13 44 09.2	-0.6
ARMA	Armidale	27.22	246	P	P	13 44 11.2	+1.3
ARMA	Armidale	27.22	246	P	P	13 44 10.5	+0.7
TBI	Tubuai	27.56	98	eP	P	13 44 11.7	-1.1
TBI	202nm,33.2s			eP	PwP	13 45 48.9	-1.6
TBI	710nm,30.2s			eS	S	13 48 21.0	+6.3
TBI	1um,32.0s			eS	S	13 50 43.0	-2.3
NTLH	Newcastle Hard	27.71	241	P	P	13 44 15.1	+1.1
RK1H	Rockhampton Ha	28.71	262	P	P	13 44 14.8	-0.2
MGCD	Mangrove Creek	28.27	241	P	P	13 44 20.6	+1.7
PPT2	Papeete2	28.34	86	eP	P	13 44 21.8	+2.0
PPT2	177nm,27.2s			eP	PwP	13 45 55.3	-2.5
PPT2	256nm,30.0s			eS	S	13 48 24.0	-3.1
PPT2	355nm,28.2s			eS	S	13 51 00.0	-1.9
MJPT	Papeete	28.35	86	P	P	13 44 21.6	+1.8
PPTF	Pamatui, Papee	28.35	86	P	P	13 44 21.1	+1.2
SYDH	Sydney Har Rd	28.72	240	P	P	13 44 23.4	+0.7
WOLH	Wollongong Har	28.80	238	P	P	13 44 24.4	+1.0
CNB	Canberra Magne	30.25	237	P	P	13 44 37.2	+1.2
CAN	Canberra	30.54	238	P	P	13 44 39.5	+1.0
CAN	Canberra	30.54	238	P	P	13 44 39.1	+0.7
MILA	Mila	30.94	234	P	P	13 44 43.6	+1.5
TV1H	Townsville Har	31.76	269	P	P	13 44 48.3	-0.8
CTAO	Charters Tower	32.11	267	P	P	13 44 52.5	+0.4
CTAO	Charters Tower	32.11	267	P	P	13 44 52.1	0.0
CMSA	Cobar Meteorol	32.43	246	P	P	13 44 55.3	+0.7
QLP	Quilpie	33.38	255	P	P	13 45 03.9	+1.2
TOO	Toolangi	33.90	235	P	P	13 45 07.2	+0.3
TOO	Toolangi	33.90	235	IAmb	IAmb	13 45 08.7	
MTSU	Mount Surprise	34.29	270	P	P	13 45 11.0	+0.5
TAU	Tasmania Unive	34.55	225	P	P	13 45 12.9	+0.8
PNG	Port Moresby	34.55	286	P	P	13 45 12.0	-0.6

PMG	Port Moresby	34.55	286	P	P	13 45 12.2	-0.3
KAVG	Kavieing	34.93	300	P	P	13 45 14.8	-0.9
GEXS	Deakin Univer	34.99	293	P	P	13 45 15.6	-0.3
BRAT	Ballarat	35.08	236	P	P	13 45 16.8	+0.1
STKA	St Stephens Creek	35.94	246	P	P	13 45 24.6	+0.7
STKA	St Stephens Creek	35.94	246	P	P	13 45 24.1	+0.2
STKA	St Stephens Creek	35.94	246	P	P	13 45 24.0	+0.2
STKA	St Stephens Creek	35.94	246	P	P	13 45 23.9	0.0
COEN	Coen	36.48	276	P	P	13 45 27.9	-0.6
INKA	Innaminka	36.48	253	P	P	13 45 29.8	+1.4
ARPS	Mount Arapiles	36.52	238	P	P	13 45 28.4	-0.2
MANU	Manus Island	38.04	297	P	P	13 45 40.6	-0.7
QIS	Mount Isa	38.18	265	P	P	13 45 42.0	-0.4
HTT	Hallett	38.34	244	P	P	13 45 42.9	-0.7
LCRK	Leigh Creek	38.73	249	P	P	13 45 47.0	+0.3
BBOO	Buckleboe	40.68	245	P	P	13 46 02.2	-0.1
OOD	Oodnadatta	40.96	253	P	P	13 46 05.7	+1.2
MULG	Mulgathing	42.33	249	P	P	13 46 15.0	-0.2
ASOI	Alice Springs	42.99	259	P	P	13 46 18.8	-1.0
ASAR	Alice Springs	42.99	259	P	P	13 46 19.7	-0.5
WRW	Warramunga Arr	42.96	264	IAmb	IAmb	13 46 20.4	
WBO	Warramunga Arr	43.13	264	IAmb	IAmb	13 46 21.7	
WRAB	Tennant Creek	43.14	264	IAmb	IAmb	13 46 20.5	-1.2
WRAB	Tennant Creek	43.14	264	IAmb	IAmb	13 46 21.8	
WRAB	Tennant Creek	43.14	264	I p	P	13 46 20.3	-1.5
WRA	Warramunga Arr	43.15	264	P	P	13 46 19.9	-1.9
WRA	Warramunga Arr	43.15	264	P	P	13 46 20.8	-1.0
WRA	Warramunga Arr	43.15	264	P	P	13 46 19.9	-1.9
KDU	Kakadu	46.76	273	P	P	13 46 49.0	-0.5
FORT	Forrest	47.48	248	I p	P	13 46 55.0	+0.3
FORT	Forrest	47.48	248	IAMB	IAMB	13 46 55.0	
WRKA	Warakurna	47.81	256	P	P	13 46 57.0	-0.3
MTN	Manton Dam	47.95	273	P	P	13 46 58.1	-0.3
MTN	Manton Dam	47.95	273	IAMB			

M14K	Bethel	83.84	8	P	P	13 50 41.1 +1.2
M15K	Kasigluk River	83.97	9	P	P	13 50 40.6 0.0
N16K	Nishik Lake	84.06	10	P	P	13 50 41.5 +0.3
SHPR	Sheep Range	84.11	47	P	P	13 50 42.0 -0.2
O18K	Koktuh Hills	84.11	12	P	P	13 50 41.5 +0.1
J05D	Fort Rock, OR	84.21	39	P	P	13 50 43.7 +1.3
P19K	Oil Pt	84.32	13	P	P	13 50 43.0 +0.6
L14K	Kuka Creek	84.32	8	P	P	13 50 42.2 -0.1
N17K	Nushagak Hills	84.37	11	P	P	13 50 42.8 +0.1
M16K	Timber Creek	84.55	10	P	P	13 50 43.8 +0.4
O19K	Port Alsworth	84.59	12	P	P	13 50 43.6 -0.1
K13K	Kusivlak Mount	84.66	7	P	P	13 50 43.2 -0.7
HOM	Homer	84.66	14	P	P	13 50 43.7 -0.4
N18K	Kilae Creek	84.75	11	P	P	13 50 44.9 +0.4
L15K	Ungalak Mounta	84.80	8	P	P	13 50 44.6 -0.1
ELIB	Princess Elisa	84.82	187	dP	P	13 50 44.7 -0.3
R11B	Troy Canyon, C	84.83	45	P	P	13 50 45.8 +0.1
O20K	Slope Mountain	84.83	13	P	P	13 50 45.5 +0.5
BRSE	Bradley Lake S	84.94	14	P	P	13 50 45.6 +0.2
TUC	Tucson	85.00	52	P	P	13 50 46.0 -0.5
MA2	Magadan	85.08	345	iP	pmax	13 50 46.5 +0.4
N19K	Bonanza Creek	85.13	12	P	P	13 50 46.3 -0.1
M17K	Hollita River	85.15	10	P	P	13 50 46.2 -0.3
K15K	Wolf Creek Mou	85.39	8	P	P	13 50 48.6 +1.1
K15K	Wolf Creek Mou	85.39	8	P	P	13 50 47.6 +0.1
M18K	Stony River	85.51	11	P	P	13 50 48.2 +0.1
SEW	Seward	85.56	15	P	P	13 50 48.1 -0.3
J14K	Nanvaranak Lak	85.58	7	P	P	13 50 48.3 -0.1
L17K	Donlin	85.70	10	P	P	13 50 48.9 -0.1
Q23K	Middleton Isla	85.73	16	P	P	13 50 49.1 0.0
COYC	Coyahque	85.75	138	P	P	13 50 49.8 0.0
CAPN	Captain Cook N	85.77	13	P	P	13 50 49.3 0.0
GAMB	Gambell	85.89	3	P	P	13 50 49.4 -0.4
N20K	Mount Spurr	85.94	13	P	P	13 50 50.0 -0.3
SPCR	Spurr Chakacha	85.94	13	P	P	13 50 49.3 -1.0
TROLL	L Troll, Antarti	86.04	181	iP	P	13 50 50.6 -0.3
L18K	Granite Mounta	86.05	10	P	P	13 50 50.2 -0.5
HEH	HeiHe	86.09	329	eP	pmax	13 50 51.6 +0.4
M19K	Big River Lodg	86.16	12	P	P	13 50 50.6 -0.7
WUAZ	Wupaki	86.20	49	P	P	13 50 50.5 -1.8
K17K	Iditarod	86.25	10	P	P	13 50 50.4 -1.2
L19K	White Mountain	86.33	11	P	P	13 50 52.3 +0.3
SNAA	Sanae	86.36	179	iP	P	13 50 51.4 -0.8
SNAA	Sanae	86.36	179	iP	P	13 50 51.5 -0.8
SNAA	Sanae	86.36	179	iP	pmax	13 50 51.0 -1.3
RC01	Rabbit Creek A	86.37	14	P	P	13 50 52.4 +0.2
M20K	Styx River	86.38	12	P	P	13 50 52.5 +0.1
GYA	Gulyang	86.40	300	iP	pmax	13 50 53.9 +0.5
J16K	Anvik River	86.46	8	P	P	13 50 53.1 +0.5
J16K	Anvik River	86.46	8	P	P	13 50 52.9 +0.3
SUA	Susitna One	86.48	13	P	P	13 50 52.4 -0.5
VNA3	Neumayer Olymp	86.54	177	iP	P	13 50 51.2 -1.9
KAIM	Kayak Island	86.66	17	P	P	13 50 53.1 -0.5
CRAG	Craig	86.77	24	P	P	13 50 53.6 -0.5
L20K	Farewell, AK	86.78	12	P	P	13 50 53.9 -0.2
J17K	VAMB Dome	86.78	9	P	P	13 50 53.3 -0.8
SKT	Skwentna	86.78	13	P	P	13 50 54.2 0.0
GLI	Glacier Island	86.80	15	P	P	13 50 52.9 -1.4
EYAK	Cordova Ski Ar	86.85	16	P	P	13 50 52.9 -1.6
KNK	Knik Glacier	86.94	14	P	P	13 50 53.8 -1.2
PMR	Palmer	86.95	14	P	P	13 50 56.3 +1.4
PMR	Palmer	86.95	14	P	P	13 50 53.9 -1.0
NVL	N'izarevskaya	86.96	184	eP	pmax	13 50 54.4 -0.6
VNA2	Neumayer-Watz	86.97	177	iP	P	13 50 51.3 -3.8
I17K	Unalakleet	87.03	8	P	P	13 50 54.7 -0.5
ANM	Nome	87.15	6	P	P	13 50 55.2 -0.6
SIT	Sitka	87.16	22	P	P	13 50 55.5 -0.4
J18K	Innoko River	87.21	10	P	P	13 50 55.5 -0.7
U33K	Whale Pass	87.25	24	P	P	13 50 56.4 0.0
SML	Sawmill	87.32	14	P	P	13 50 56.6 -0.2
121A	Cookes Peak, D	87.33	53	P	P	13 50 56.3 -1.4
PPLA	Purkeypile	87.48	12	P	P	13 50 57.2 -0.4
BMRM	Bremner River	87.50	16	P	P	13 50 57.0 -0.6
S31K	Pelican	87.54	21	P	P	13 50 57.3 -0.4
MESA	MESA	87.55	18	P	P	13 50 57.3 -0.8
K20K	Telida	87.56	11	P	P	13 50 57.0 -0.5
H16K	Elim	87.56	7	P	P	13 50 57.0 -0.7
SCM	Sheep Creek Mo	87.58	15	P	P	13 50 58.3 +0.4
KLU	Klutina	87.62	15	P	P	13 50 58.4 +0.2
DUG	Dugway, Tooele	87.64	45	P	P	13 50 57.4 -1.5
G15K	Niukluk	87.71	6	P	P	13 50 59.3 +0.9
SEY	Seymchan	87.74	347	iP	pmax	13 50 59.7 +1.1
WRAK	Wrangell Island	87.76	24	P	P	13 50 59.2 +0.3

PNL	Peninsula	87.88	19	P	P	13 51 00.6 +1.2
PNL	Peninsula	87.88	19	P	P	13 50 58.9 -0.5
J19K	Poorman	87.88	10	P	P	13 50 59.6 +0.4
CAST	Castle Rocks	87.98	12	P	P	13 50 59.0 -0.8
N25K	Chitina, Valde	88.04	16	P	P	13 50 59.3 -0.8
WAT6	Susitna Watana	88.14	14	P	P	13 50 59.6 -1.0
H17K	Granite Mounta	88.14	8	P	P	13 50 59.3 -1.1
mcARA	McCarthy VSAT	88.26	17	P	P	13 51 00.2 -0.9
G16K	Koyuk River	88.28	7	P	P	13 51 00.4 -0.6
J20K	Novitna River	88.30	11	P	P	13 51 01.5 +0.4
F15K	North Star Dit	88.34	6	P	P	13 51 01.7 +0.4
P29M	Windy Craggy	88.36	20	P	P	13 51 01.6 -0.1
CHUM	Lake Minchumin	88.36	12	P	P	13 51 00.9 -0.5
CTG	Chitna Glacier	88.37	17	P	P	13 51 01.4 -0.4
GCSA	Galena City Sc	88.39	9	P	P	13 51 02.3 +0.7
HLID	Hailey	88.42	41	P	P	13 51 01.6 -0.9
O28M	Mount Upton	88.54	18	P	P	13 51 02.5 -0.2
H18K	Honhosa River	88.58	9	P	P	13 51 02.5 +0.1
G17K	Kiwalik Mounta	88.58	8	P	P	13 51 03.1 +0.6
O29M	Mount Kennedy	88.64	19	P	P	13 51 03.3 +0.3
PLBC	Pleasant Camp	88.66	20	P	P	13 51 04.0 +1.0
MNTX	Cornudas Mount	88.75	55	P	P	13 51 03.5 -0.6
BPAW	Bear Paw Mtn.	88.81	12	P	P	13 51 04.9 +1.3
I20K	Nasedeneel	88.81	10	P	P	13 51 04.0 +0.5
MCK	McKinley	88.89	13	P	P	13 51 04.7 +0.7
T35M	Bob Quinn	88.97	24	P	P	13 51 05.3 +0.7
P30M	Million Dollar	88.99	20	P	P	13 51 04.6 0.0
PAX	Paxson	89.00	15	P	P	13 51 05.1 +0.5
SKAG	Skagway	89.00	21	P	P	13 51 05.3 +0.8
KMI	Kunming	89.00	298	iP	pmax	13 51 07.4 +1.7
PLCA	Paso Flores	89.02	134	P	P	13 51 06.5 +1.1
TXAR	Lajitas Arroy	89.02	58	P	P	13 51 06.9 +1.4
TXAR	TXAR	89.02	58	P	P	13 53 12.2 -0.4
MVCO	Mesa Verde	89.05	49	P	P	13 51 05.2 -0.4
YUK8	Steele Glacier	89.08	18	P	P	13 51 04.8 -0.5
M26K	Nabesna, AK	89.12	16	P	P	13 51 05.3 +0.2
H19K	Roundabout Mou	89.18	9	P	P	13 51 05.7 +0.5
H19K	Roundabout Mou	89.18	9	P	P	13 51 05.5 +0.3
YUK6	Outpost Mounta	89.21	19	P	P	13 51 05.2 -0.7
G18K	Tagagawik	89.22	8	P	P	13 51 05.6 +0.1
YUK3	Moose Creek	89.28	17	P	P	13 51 04.8 -1.3
S34M	Telegraph Cree	89.31	23	P	P	13 51 05.6 -0.4
HYT	Haines Juncio	89.37	19	P	P	13 51 07.3 +0.8
M27K	Edge Creek, AK	89.38	16	P	P	13 51 07.5 +1.1
H20K	Anotleneega Mo	89.39	10	P	P	13 51 06.7 +0.4
F17K	Baldwin Pennin	89.41	7	P	P	13 51 06.3 +0.1
ANMO	Albuquerque	89.44	52	P	P	13 51 07.5 +0.1
ANMO	Albuquerque	89.44	52	P	P	13 51 07.5 +0.1
ANMO	Albuquerque	89.44	52	P	P	13 51 07.5 +0.1
YUK4	Talbot Arm	89.45	18	P	P	13 51 08.0 +1.2
NEW	Newport	89.47	36	P	P	13 51 06.9 -0.2
CMAR	Chiang Mai Arr	89.50	290	P	P	13 51 08.5 +0.6
CMAR	Chiang Mai Arr	89.50	290	iP	pmax	13 51 06.8 -1.1
L26K	Log Cabin Wild	89.56	16	P	P	13 51 07.4 +0.3
I21K	Tanana	89.60	11	P	P	13 51 07.8 +0.7
NEA2	Nenana	89.63	13	P	P	13 51 07.1 -0.3
HHC	Hu-ho-hao-te	89.64	315	eP	pmax	13 51 09.8 +1.7
HHC	HHC	89.64	315	SS	SS	14 07 31.3 +5.1
HHC	HHC	89.64	315	eP	pmax	13 51 09.8 +1.7
CHTO	Chiang Mai	89.64	290	P	P	13 51 09.3 +0.8
CHTO	Chiang Mai	89.64	290	P	P	13 51 09.3 +0.8
G19K	Purcell Mounta	89.67	9	P	P	13 51 07.3 -0.2
MLY	Manly	89.69	12	P	P	13 51 07.2 -0.6
F18K	Selawik	89.76	8	P	P	13 51 07.7 -0.2
O30N	Mendenhall	89.77	20	P	P	13 51 08.5 +0.3
H21K	Melozitna Rive	89.89	11	P	P	13 51 08.5 0.0
HDA	Harding Lake	89.91	13	P	P	13 51 08.4 -0.3
E17K	Hotham Inlet	89.97	7	P	P	13 51 08.6 -0.2
L27K	Beaver Creek,	89.97	16	P	P	13 51 08.6 -0.5
N30M	Aishikik Lake	90.00	19	P	P	13 51 08.8 -0.5
WHY	Whitehorse	90.06	20	P	P	13 51 08.6 -1.0
I23K	Minir Yukon-K	90.06	12	P	P	13 51 09.4 +0.1
COLA	College	90.12	13	P	P	13 51 09.6 0.0
SCRK	San Creek	90.21	15	P	P	13 51 09.2 -1.0
F19K	Shalercukik Mo	90.22	8	P	P	13 51 09.8 -0.2
ILAR	Eielson Array	90.24	13	P	P	13 51 09.6 -0.6
H22K	Ishlitalina Cr	90.36	11	P	P	13 51 10.3 -0.4
M29M	Some Creek	90.38	18	P	P	13 51 09.7 -1.3
PZH	PanZhiHua	90.40	298	P	pmax	13 51 12.5 +0.5
PZH	PZH	90.40	298	P	pmax	13 51 12.5 +0.5
P33M	Teslin, Yukon	90.40	21	P	P	13 51 10.4 -0.7
N31M	Braeburn, Yuko	90.42	19	P	P	13 51 11.2 +0.1

E18K	Tukpahleirik C	90.43	7	P	P	13 51 10.9 -0.1
D17K	Noatak River	90.43	6	P	P	13 51 10.6 -0.3
J25K	Salcha River,	90.43	14	P	P	13 51 10.9 -0.3
R33M	Jennings River	90.44	22	P	P	13 51 10.9 -0.5
MSO	Missoula	90.47	39	P	P	13 51 11.3 -0.5
S22A	4UR Ranch, Cre	90.47	49	P	P	13 51 10.7 -1.6
G21K	Allakaket	90.56	10	P	P	13 51 11.3 -0.4
BILL	Bilbino	90.59	355	eP	pmax	13 51 12.4 +0.7
H23K	Yukon River	90.63	12	P	P	13 51 11.7 -0.3
O20A	White River Ci	90.63	47	P	P	13 51 11.3 -1.6
F20K	Avaaraat Lake	90.71	9	P	P	13 51 12.0 -0.3
K27K	Chicken	90.71	15	P	P	13 51 12.4 0.0
J26L	Joseph Creek	90.75	15	P	P	13 51 12.6 -0.1
C16K	Lisburne Hills	90.79	5	P	P	13 51 12.3 -0.3
RDOG	Red Dog Mine	90.79	6	P	P	13 51 12.3 -0.4
E19K	Redstone River	90.89	8	P	P	13 51 12.5 -0.6
M30M	Minto, Yukon	90.96	18	P	P	13 51 13.5 -0.1
L29M	L29M					

MDJ	Mudanjiang	81.18	326	P	P	13 52 50.0	+0.5
MDJ	Mudanjiang	81.18	326	I	I	13 52 51.6	
BFSO	Mount Baldy Ra	81.19	48	P	P	13 52 50.8	+0.8
VOG	Valley Oaks Go	81.22	45	P	P	13 52 50.5	+0.6
KHMM	Horse Mountain	81.28	39	I	I	13 52 53.5	
SII	Sitkinak Islan	81.29	14	P	P	13 52 51.9	+2.0
MONP2	Monument Peak	81.30	49	P	P	13 52 51.8	+1.1
EDW2	Edwards Air Fo	81.32	47	P	P	13 52 51.8	+1.3
RMX	La Rumorosa	81.38	50	I	I	13 52 53.7	
IKP	In-Ko-Pah, Jac	81.39	50	P	P	13 52 52.2	+1.3
002D	Mt. Diablo Mer	81.41	40	P	P	13 52 52.8	+1.9
ISA	Isabella, Lake	81.44	46	I	I	13 52 53.7	
ISA	Isabella, Lake	81.44	46	P	P	13 52 52.5	+1.4
SRIG	Santa Rosalia	81.45	56	I	I	13 52 53.9	
YUH	Yuhua Desert	81.52	50	I	I	13 52 54.1	
CMB	Columbia Colle	81.58	43	I	I	13 52 54.0	
PFO	Pinyon Flats 0	81.67	49	P	P	13 52 53.0	+0.6
PFO	Pinyon Flats 0	81.67	49	P	P	13 52 53.4	+1.0
PFO	Pinyon Flats 0	81.67	49	i	i	13 52 54.2	0.0
TPFO	Pinon Flats	81.67	49	P	P	13 52 53.3	+0.9
PMD	Palm Desert	81.74	49	I	I	13 52 55.1	
AFDM	Forest Hills D	81.76	42	I	I	13 52 54.9	
SWSC	Sam W. Stewart	81.76	50	P	P	13 52 53.7	+0.9
ORV	Oroville	81.80	41	I	I	13 52 55.2	
KSXB	Camp Six Broad	81.81	38	I	I	13 52 56.0	
LRMC	Laurel Mtn Rad	81.87	47	P	P	13 52 54.3	+0.9
IPM	Iph	82.08	278	P	P	13 52 55.3	+0.5
DL2	Dalian	82.09	318	P	P	13 52 55.1	+0.8
OHAK	Old Harbor	82.10	14	P	P	13 52 55.9	+2.1
CWC	Cottonwood Cre	82.15	46	P	P	13 52 55.9	+1.0
R18K	Karluk	82.16	13	P	P	13 52 55.7	+1.6
L02F	Cave Junction	82.17	38	I	I	13 52 57.7	
MDPB	Devils Postpil	82.18	44	I	I	13 52 57.4	
BELC	Belle Mtn. Jos	82.20	49	P	P	13 52 56.4	+1.2
EMB	Emerald Bay	82.32	43	I	I	13 52 58.0	
MPMC	Manual Prospec	82.33	46	P	P	13 52 56.6	+0.8
MLAC	Mammoth, Mam	82.34	44	P	P	13 52 57.1	+1.2
GSC	Goldstone, Bar	82.36	47	I	I	13 52 58.1	
GSC	Goldstone, Bar	82.36	47	P	P	13 52 56.9	+1.0
BC3	Big Chukawall	82.39	49	P	P	13 52 57.7	+1.7
TIN	Tinemaha, Big	82.40	45	P	P	13 52 57.6	+1.6
YBH	Yreka Blue Hor	82.42	39	P	P	13 52 57.1	+1.2
YBH	Yreka Blue Hor	82.42	39	P	P	13 52 58.9	
YBH	Yreka Blue Hor	82.42	39	P	P	13 52 57.2	+1.2
WHN	Wuhan	82.42	307	i	i	13 52 57.3	+1.2
HEC	Hector, Ludlow	82.42	48	P	P	13 52 57.2	+1.0
GRNR	Gornyy	82.43	333	i	i	13 52 56.2	+0.5
WAKR	Walker	82.46	43	I	I	13 52 59.0	
K02D	Williamette Mer	82.48	38	I	I	13 52 59.2	
UBPT	Khong Chiam	82.48	290	P	P	13 52 58.0	+1.3
UBPT	Khong Chiam	82.48	290	I	I	13 52 58.7	
GLA	Glamis	82.51	50	I	I	13 52 59.6	
GLA	Glamis	82.51	50	P	P	13 52 58.5	+1.9
Q17K	Contact Creek	82.52	12	P	P	13 52 56.2	+0.1
HATC	Hat Creek Radi	82.60	40	I	I	13 52 59.6	
J01E	Myrtle Point	82.62	37	I	I	13 52 59.6	
O15K	Ungalikthiuk R	82.67	10	P	P	13 52 56.9	+0.2
PNTR	Pine Nat	82.71	43	P	P	13 52 58.6	+0.9
MG05	Puerto Natales	82.74	143	P	P	13 52 58.5	+1.1
DSP	Deep Springs	82.75	45	I	I	13 53 00.2	
Q16K	King Salmon	82.75	12	P	P	13 52 57.6	+0.5
KDAK	Kodiak Island	82.77	14	P	P	13 52 58.6	+1.4
HUMO	Hull Mountain	82.83	38	P	P	13 52 59.3	+1.4
P16K	Nushagak River	82.84	11	P	P	13 52 59.7	+2.1
GMRC	Granite Mounta	82.86	48	P	P	13 52 59.5	+1.1
CN2	Changchun	82.87	323	i	i	13 52 58.5	+0.4
CN2				e	e	13 52 58.0	-2.2
CN2				s	s	14 02 32.5	+3.2
CN2							
YERR	Yerington	82.87	43	I	I	13 53 00.7	
IRM	Iron Mountain	82.88	49	P	P	13 52 59.6	+1.2
LHV	Little Huoon	82.91	44	I	I	13 53 01.1	
GRAC	Grapevine Rang	82.94	45	I	I	13 53 01.7	
GRAC	Grapevine Rang	82.94	45	P	P	13 52 59.7	+1.0
GWY	Greenwater Val	82.95	46	I	I	13 53 00.8	
L04D	Klamath Falls	82.96	39	I	I	13 53 01.3	
FURC	Furnace Creek,	82.97	46	P	P	13 52 59.8	+1.0
DBO	Dodson Butte	82.98	38	I	I	13 53 01.6	
TUQ	Turquoise Moun	83.04	47	P	P	13 53 00.3	+1.0
SHOC	Shoshone, Teco	83.05	47	P	P	13 53 00.4	+1.1
BNX	BinXian	83.08	326	i	i	13 52 59.1	0.0
BNX				p	p	13 55 02.6	+1.4
BNX							
BLYC	Blythe	83.10	49	I	I	13 53 02.2	
N14K	Kuskokwak Cree	83.10	9	P	P	13 52 59.5	+0.8

113A	Mohawk Valley,	83.11	51	I	I	13 53 02.3	
RYN	Ryan	83.12	44	I	I	13 53 01.9	
NVAR	Mina Array Bea	83.14	44	P	P	13 53 00.0	+0.2
NVAR	Mina Array Bea	83.14	44	P	P	13 53 00.5	+0.6
NVAR						13 55 03.4	+1.1
GMN	Gold Mountain	83.18	45	I	I	13 53 02.2	
PAHR	Pat Rah Range	83.20	42	I	I	13 53 02.3	
NV11	Mina Array Sit	83.24	44	I	I	13 53 02.5	
P17K	Kvichak River	83.28	12	P	P	13 52 59.7	+0.1
HSIG		83.28	55	I	I	13 53 03.0	
I03D	Drain, OR	83.29	37	I	I	13 53 02.8	
WCT	Wildcat Moun	83.31	46	I	I	13 53 02.9	
RPSI	Rantau Prapat	83.32	276	I	I	13 53 01.5	
KLR	Kul'dur	83.34	330	P	P	13 53 01.2	+0.9
KLR						13 55 02.9	+0.3
KLR						13 53 01.0	+0.7
O16K	Kokok River B	83.36	11	P	P	13 53 00.6	+0.6
PSI	Prapat	83.36	276	P	P	13 53 01.8	+0.4
214A	Organ Pipe Nat	83.38	52	I	I	13 53 04.0	
214A	Organ Pipe Nat	83.38	52	P	P	13 53 02.7	+1.7
TIA	Tai'an	83.48	313	P	P	13 53 01.8	+0.5
K04D	Chioquiun, OR	83.53	39	I	I	13 53 04.1	
Q20K	Shuyak Island	83.56	14	P	P	13 53 01.8	+0.7
NEE2	Neeses Airpor	83.57	49	P	P	13 53 02.5	+0.7
N15K	Kwethluk River	83.57	10	P	P	13 53 01.8	+0.6
Q19K	Cape Douglas,	83.59	13	P	P	13 53 01.9	+0.6
KVN	Kaiserville	83.63	43	I	I	13 53 04.3	
TPH	Tonopah	83.64	45	I	I	13 53 04.5	
PDMCI	Parker Dam, Lak	83.66	49	P	P	13 53 02.1	-0.1
P18K	Big Mountain,	83.69	12	P	P	13 53 02.0	+0.2
O17K	Koliganek Bris	83.70	11	P	P	13 53 02.3	+0.6
M14K	Bethel	83.86	9	P	P	13 53 03.1	+0.5
I04A	Tendigo Farm,	83.88	38	I	I	13 53 05.3	
V12A	Nelson	83.93	48	I	I	13 53 06.2	
M15K	Kasigluk River	83.99	9	P	P	13 53 03.8	+0.6
GSI	Gunungsitoli	84.04	274	P	P	13 53 05.8	+1.2
GSI	Gunungsitoli	84.04	274	P	P	13 53 05.6	+1.0
N16K	Nishlik Lake	84.07	10	P	P	13 53 04.3	+0.6
O18K	Koktuh Hills	84.12	12	P	P	13 53 04.3	+0.4
H04D	Lebanon	84.15	37	I	I	13 53 07.1	
GO08	Villa O'Higgin	84.16	140	P	P	13 53 05.7	+1.1
W13A	Hualapai Mount	84.26	49	I	I	13 53 07.9	
Y14A	Wickenburg	84.27	50	I	I	13 53 07.8	
L14K	Kuka Creek	84.33	8	P	P	13 53 05.9	+1.0
P19K	Oil Pt	84.33	13	P	P	13 53 05.7	+0.7
S11A	Rachel	84.37	46	I	I	13 53 08.0	
N17K	Nushagak Hills	84.39	11	P	P	13 53 05.9	+0.7
H04A	Detroit Lake	84.56	37	I	I	13 53 08.5	
M16K	Timber Creek	84.56	10	P	P	13 53 06.9	+0.9
O19K	Port Aisworth	84.61	12	P	P	13 53 06.5	+0.2
K13K	Kusilvak Mount	84.67	7	P	P	13 53 06.2	-0.3
HOM	Home	84.68	14	P	P	13 53 07.0	+0.4
AY03	Cochrane	84.69	139	P	P	13 53 08.1	+0.9
PRN	Pahro Range	84.70	46	I	I	13 53 10.2	
PINE	Pine Mountain	84.72	38	I	I	13 53 10.3	
N18K	Kilae Cree	84.77	11	P	P	13 53 07.5	+0.5
ELIB	Princess Elisa	84.81	187	d	d	13 53 07.2	-0.3
ELIB				d	d	13 58 15.5	+0.6
ELIB				d	d	14 02 23.6	-3.1
ELIB				d	d	14 02 44.6	-0.2
L15K	Ungalak Mounta	84.82	8	P	P	13 53 08.1	+0.9
I05D	Terrebonne, OR	84.82	38	I	I	13 53 10.2	
O20K	Slope Mountain	84.85	13	P	P	13 53 08.5	+1.0
R11B	Troy Canyon, C	84.86	45	P	P	13 53 08.3	0.0
BRSE	Grayley Lake S	84.96	14	P	P	13 53 08.7	+0.7
BMN	Battle Mountai	84.98	43	I	I	13 53 10.9	
SRIT	Nakonsritamara	84.98	281	P	P	13 53 09.6	+0.4
SRIT	Nakonsritamara	84.98	281	I	I	13 53 12.0	
E03A	Lebam	84.98	35	I	I	13 53 11.0	
F04D	Rainier OP	84.99	36	I	I	13 53 11.4	
TUC	Tucson	85.04	52	P	P	13 53 10.2	+1.0
TUC						13 53 12.3	
TUC						13 53 10.7	+1.6
TUC						13 53 10.2	+1.0
MA2	Magadan	85.08	345	P	P	13 53 07.8	-0.8
MA2	Magadan	85.08	345	P	P	13 53 07.8	-0.8
MA2						13 53 09.4	
MA2						13 53 08.0	-0.6
MA2						13 53 08.4	-0.2
L16K	Owhat River	85.14	9	P	P	13 53 09.5	+0.7
N19K	Bonanza Creek	85.15	12	P	P	13 53 09.7	+0.7
M17K	Hollina River	85.17	10	P	P	13 53 09.4	+0.5
F04A	Amboy	85.21	36	I	I	13 53 11.8	
WISH	Wishkah	85.24	34	I	I	13 53 12.1	
HOOD	Mount Hood Me	85.25	37	I	I	13 53 12.2	
WVOR	Wild Horse Val	85.26	40	I	I	13 53 12.5	

NLWA	Neilton Loukk	85.37	34	I	I	13 53 12.9	
G05A	Warm	85.39	37	I	I	13 53 12.2	
K15K	Wolf Creek Moun	85.40	8	P	P	13 53 10.5	+0.4
M18K	Stony River	85.53	11	P	P	13 53 11.1	+0.4
SEW	Seward	85.58	15	P	P	13 53 11.3	+0.4
J14K	Nanvanarak Lak	85.59	7	P	P	13 53 11.5	+0.6
SNSI	Sinabang, Aceh	85.61	274	P	P	13 53 13.2	+1.0
X16A	Lo Mia Camp, P	85.63	50	I	I	13 53 14.9	
319A	Douglas	85.70	54	I	I	13 53 15.6	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like DAWY Dawson, DRIO Del Rio, I26K Coal Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like E25K Arctic Village, H29M Whitestone, H29M Whitestone, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like ULM Lac du Bonnet, BRAL Brewton, SPMM Marine on St., etc.

Table with columns: KEST, Station Name, Time, Res, etc. Includes entries for Kesra, Torodi Ar. Bea, etc.

Table with columns: ARCES, HFS, NC405, GEC2, GERE, etc. Includes entries for ARCES Array B, HFS Hagfors, etc.

Table with columns: UZB, UZB, UZB, DJR, DJR, etc. Includes entries for UZB Uzunbulak, DJR JarKent, etc.

IDC 17 13:42:33.7-0.0, 18:28N:96.06E, h0km, mb4, 1/16, mbmp4.0/17, ML3.9/1, Error ellipse: s-maj=23.7km

BUI 17 13:42:34.3-0.0, 17:96N:96.05E, h26km, mb4, 1/23, mb4.6/3, ML4.7/1, Ms4.2/3, Ms7.3/8.5

NEIC 17 13:42:35.7-1.0, 18:35N:101.96E, h10km, mb4, 6/19, Error ellipse: s-maj=18.1km s-min=10.5km

NDI 17 13:42:35.1-3.1, 18:03N:95.93E, h10km, mb4.9, MW4.4, mb5.1(NEIC)

ISC 17 13:42:35.4-0.5, 18:22N:106.96E, h10km, n73, s164/78, mb4.4/3.1C, Myanmar

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes entries for CM31, CMAR, CMAR, etc.

NC303 NORSAR Array S 71.64 329 P P 13 53 57.7 +0.7

CLL Collin 71.66 319 eP x 13 53 57.0 -0.3

NB2 NORSAR Subarra 71.73 329 P P 13 53 58.5 +0.9

NB2 NORSAR Subarra 71.73 329 P P 13 53 58.5 +0.9

NOA NORSAR Array B 71.73 329 P P 13 53 57.1 -0.5

NC204 NORSAR Array S 71.93 330 P P 13 53 59.4 +0.6

NC204 Fjordmonte 72.70 310 P P 13 54 03.8 0.0

LBTB Lobatse 80.88 240 I Amb I Amb 13 54 51.2 +0.9

D25K Kavik River 82.30 19 P P 13 54 56.0 -1.0

BOSA Boshof 82.67 237 P P 13 55 00.0 +0.3

BOSA Boshof 82.67 237 P P 13 54 59.8 +0.1

A36M Sachs Harbour 85.81 12 P I Amb I Amb 13 55 14.1 -0.6

TORD Torodi Ar. Bea 89.96 284 P P 13 55 35.6 +0.8

TXAR Lajitas Array 129.05 22 PKP PKPdf 14 01 44.1 -0.3

BDFB Brasilia 145.51 269 PKPbc PKPdf 14 02 14.1 -0.8

NEIC 17 13:55:31.2-0.6, 38:34S:0.06E, 75:35W, h0km, mb4, 1/2, ML3.7(GUC), Error ellipse: s-maj=14.2km

GUC 17 13:55:36.1-0.7, 38:59S:75:16W, h23km, mb4, 1/1, ISC 17 13:55:33.1-1.5, 38:35S:0.07E, h10km, n46, s688/52, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes entries for BI04, LC02, LR04, etc.

NEIC 17 14:19:56.2-1.0, 19:386N:0.008E, 155:264W, h0.007, h4km, km, Error ellipse: s-maj=1.2km s-min=0.9km

HVO 17 14:19:55.6-0.9, 19:399N:0.004E, 155:273W, h0.008, h0km, 2km, ML3.5/9, ML2.7/38(NEIC), Error ellipse: s-maj=1.1km s-min=0.6km az=89.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes entries for RIM, KKO, BYL, etc.

Table with columns: KOHI, SHL, ZIRO, etc. Includes entries for KOHI Kohima, SHL Shillong, ZIRO Ziro, etc.

Table with columns: GTA, DHRM, THN, BTO, etc. Includes entries for GTA Gaotai, DHRM DHARASHALHA, THN Thein Dam, BTO Baotou, etc.

Table with columns: NIL, HHC, WMQ, KSH, etc. Includes entries for NIL Nilore, HHC Hu-ho-hao-te, WMQ Urumqi, KSH Kashi, etc.

Table with columns: KSRB, KURBB, KURK, ZALV, etc. Includes entries for KSRB Kurchatov Arra, KURBB Kurchatov, KURK Kurchatov, ZALV Zalesovo, etc.

Table with columns: GEYT, BVAR, ABKAR, etc. Includes entries for GEYT Alibeck, BVAR Borovoye Array, ABKAR Abkulak array, etc.

Table with columns: BI05, LR03, LR05, etc. Includes entries for BI05 Punta Hualpin, LR03 Panguipulli, LR05 Currie, etc.

Table with columns: GO06, LL05, PU02, etc. Includes entries for GO06 Curarrehue, LL05 Los Muermos, PU02 Puerto Octay, etc.

Table with columns: LL03, LL06, GO05, etc. Includes entries for LL03 Petrohue, LL06 Loncomilla, GO05 Huala, etc.

Table with columns: SNA4, SNA4, etc. Includes entries for SNA4 Sanae, SNA4 Sanae, etc.

SOME 17 14:11:25.7, 41:38N:84.22E, h20km

NIC 17 14:11:27.3-3.6, 41:26N:83.89E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=27.6km s-min=19.5km az=176.0

ISC 17 14:11:25.4-3.7, 41:22N:84.0E, h10km, n16, s277/22, 4C, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes entries for UWB, UWE, OBL, etc.

ISC 17 14:20:13.1-3.1, 19:43N:0.04E, 155:29W, h0.04, h5km, 5km, n31, s192/21, mb3.7/3, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes entries for UWB, UWE, OBL, etc.

Table with columns: I59US, HAWAII INFRASO, 0.60 286 Pg Pg, 14 20 20.0 -5.1, etc.

BGR 17 14:21:24.8, 28'67N:70'30E, h33km, mb4.7, Ms4.5
IDC 17 14:21:27.0, 0.5, 30'05N:70'15E, h0km, mb4.6/3.1,
mbmp4.6/3.5, ML4.7/3, MS4.5/7.5, Error ellipse:
s-maj=12.9km s-min=10.3km az=18.0

Code Station Name Az AzZ Phase ID Time Res
NIL Nilore 4.41 35 Op Pn 14 22 36.3 +0.8
NIL Nilore 4.41 35 P Pn 14 22 38.4 +2.9
NIL Nilore 4.41 35 P Pn 14 22 36.3 +0.8

DHRM DHARAMSHALA 5.66 66 eP Pn 14 22 55.9 +3.1
DHRM DHAM 5.66 66 eS Pn 14 24 06.0 +2.8
KKR Kurukshetra 5.73 89 eP Pn 14 22 55.2 +1.5

BHUJ Bhuj 6.80 184 eP Pn 14 23 05.8 -2.5
14 25 28.4
BHV Bhavnagar 8.46 168 eP Pn 14 23 24.9 -6.2

KSH Kashi 10.55 25 P Pn 14 24 30.5 +1.0
14 24 30.5 +1.0
KSH Kashi 10.55 25 P Pn 14 24 30.5 +1.0

ARSL Arslanbob 11.46 11 P Pn 14 24 10.9 -1.3
14 24 10.9 -1.3
ARSL Arslanbob 11.46 11 P Pn 14 24 10.9 -1.3

ALIBECK ARRAY 12.73 311 P Pn 14 24 29.7 +0.2
14 24 29.7 +0.2
ALIBECK ARRAY 12.73 311 P Pn 14 24 29.7 +0.2

Table with columns: GYA0B ALIBECK ARRAY, 12.73 311 Pn, 14 24 29.9 +0.4, etc.

Table with columns: KK31 Karatay Array, 13.02 1 eP Pn, 14 24 32.2 -1.2, etc.

Table with columns: UOSS Minazif, 13.43 251 Pn Pn, 14 24 37.0 -2.2, etc.

Table with columns: ASHO Ashiyah, 13.67 250 Pn Sn, 14 24 44.9 +2.5, etc.

Table with columns: MDOK Medeo, 14.17 21 eP Pn, 14 24 48.1 -1.2, etc.

Table with columns: JHSG JHARSUGUGA, 14.73 121 eP Pn, 14 24 54.0 -3.0, etc.

Table with columns: SHMA Al-Shehemyia, 17.51 261 P Pn, 14 25 35.8 +0.1, etc.

Table with columns: DMT0 DMT0, 18.57 232 P Pn, 14 25 46.6 +0.8, etc.

Table with columns: RBK Rabkut, 19.23 233 P Pn, 14 25 54.2 +0.4, etc.

Table with columns: ABT0 Aybut, 19.97 234 P Pn, 14 26 01.8 -0.8, etc.

Table with columns: GOMU GeErMu, 21.46 67 P P, 14 26 18.5 +1.1, etc.

Table with columns: MNGR Mingshechevir, A, 21.60 306 P P, 14 26 18.7 +0.3, etc.

Table with columns: RAYN Ar Rayn, 22.97 259 P P, 14 26 35.0 +1.7, etc.

Table with columns: NCK Nalchik, 25.05 310 P P, 14 26 52.1 -0.7, etc.

17d 14h

Table with columns for country, name, time, and performance metrics. Includes entries like KRKC Kraliky, VRAC Vranov, KRUC Moravsky, etc.

2018 JUN

Table with columns for country, name, time, and performance metrics. Includes entries like WTTA Wattenberg, CTI Castel Tesino, WATA Wazulim, etc.

998

Table with columns for country, name, time, and performance metrics. Includes entries like USRK, LOF Lotofen, IBBN Ibbenburen, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 1001-1001.

BGR 17 14:29:16.9, 22:39S:170:74E, h33km
BUJ 17 14:29:25.0, 0.0, 21:17S:170:77E, h96km, mb, 4/9/1,
mb5.2/7
NEIC 17 14:29:26.8, 1.8, 21:62S:0:08:170:7E:0:1, h99km, s-maj=5km,
mb5.1/47, Error ellipse: s-maj=14.3km s-min=11.5km
gza=63.0
MOS 17 14:29:27.6, 1.2, 21:20S:170:25E, h101km, mb, 4/9/14,
Error ellipse: s-maj=15.8km s-min=11.0km az=118.6
IDC 17 14:29:27.9, 2.2, 21:60S:170:50E, h110km, 17km,
mb, 4/17, mbtmt, 4/7/19, MS3.3/5, Error ellipse:
s-maj=17.4km s-min=15.9km az=99.0
NOU 17 14:29:30.9, 21:53S:170:34E, h114km, mb5.1/57,
Southeast of Loyalty Islands
GCMT 17 14:29:32.8, 0.4, 21:55S:0:03:170:18E:0:03, h142km, 5km,
MV4.9/77, Moment Tensor Solution, s10, c10; s77, c98;
Duration: 0 Moment tensor: Scale 1016Nm; Mw0.33; 12;
Mw0.14; 16; Mw0.42; 15; Mw1.12; 10; Mw2.33; 13;
Mw0.63; 08; Best double couple: M2.97800:10.9
NP1.96:00000: 8.77:00000: 1.22:00000: NP2:
0.1:00000: 8.69:00000: 1.66:00000: Principal axes: T
3.0890, Plg25.0000", Azm319.0000"; N - 0.2220,
Plg65.0000", Azm125.0000"; P - 2.8670, Plg5.0000".
Azm227.0000"; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
ISC 17 14:29:28.4, 0.6, 21:60S:0:05:170:55E:0:06, h116km, 4km,
h117km: pP-P, n423, -0.081/407, mb4.9/62, 62C-18D,
Southeast of Loyalty Islands

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 1001-1001.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 1001-1001.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 1001-1001.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Asem Bagus, Christmas Isla, Kota Agung, Taliwata Sumb, etc.

IDC 17 15:07:30.0d,0.7,27.49N:88.44E,h0km,mb3.8/16, mbmp3.8/17,ML2.8/2,Error ellipse: s-maj=25.9km s-min=13.1km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tadong, Taplejung, Odare, Ramite, Jiri, Gumba, Pulchoki, Kakani, Daman, Tawang, Lhasa, Gorkha, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LGTI, PTH, Jhansi, Dehra Dun, GeErMu, KUDL, Vishakhapatnam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, A36M, CCB, E29M, ILAR, G27K, etc.

NEIC 17 15:09:29.4d,0.7,19.397N:0.010d,155.285W:0.004, h5km,1km,ML2.6/38,Error ellipse: s-maj=3.0km s-min=1.6km az=155.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include MHM, MLOA, MLOA, MWO, MWH, KHU, KHU, HUH.

NEIC 17 15:15:00.8-0.6, 19.413N, 0.005-155.265W, 0.008, h2km, 2km, Error ellipse: s-maj=1.0km s-min=0.7km az=123.0

HVO 17 15:15:00.3-0.6, 19.416N, 0.010-155.256W, 0.006, h1km, 4km, ML3.1/35, ML2.5/36(NEIC), Error ellipse: s-maj=1.5km s-min=0.8km az=182.0, Hawaiian Islands

Main table for NEIC/HVO stations, listing codes like BYL, HATHI, SBLHI, etc., with station names, coordinates, and seismic data.

NEIC 17 15:18:36.5-0.8, 32.40N, 0.074-9.57E, 0.03, h10km, 1km, mb4.5/12, Error ellipse: s-maj=12.7km s-min=3.4km az=169.0

TEH 17 15:18:38.3, 32.48N, 49.74E, h9km, 23km, ML3.7, IDC 17 15:18:12.1, 3.0, 32.43N, 49.72E, h5km, 31km, mb3.6/14, mbmp3.8/17, ML3.4/3, MS3.3/4, Error ellipse: s-maj=25.9km s-min=17.3km az=174.0

ISC 17 15:18:38.0-0.5, 32.33N, 0.05-49.72E, 0.03, h19km, n95, o181/93, mb4.0/24, MS3.1/3, Western Iran

Main table for NEIC/TEH/ISC stations, listing codes like JHBN, ZNIG, IPIR, etc., with station names, coordinates, and seismic data.

Main table for stations starting with AAK, BELG, IDI, etc., listing station names, coordinates, and seismic data.

NEIC 17 15:21:42.9-1.2, 23.9S, 0.1-178.8W, 0.2, h400km, 6km, mb4.3/15, Error ellipse: s-maj=31.3km s-min=19.1km az=102.0

IDC 17 15:21:47.0, 7.4, 23.90S, 178.92W, h444km, 37km, mb3.4/3, mbmp4.3/5, Error ellipse: s-maj=100.6km s-min=48.2km az=54.0

NOU 17 15:22:04.4, 25.10S, 179.91W, h563km, mb4.0/11, South of Fiji Islands

ISC 17 15:21:45.1-1.7, 23.9S, 0.2-178.6W, 0.2, h450km, n35, o195/95, mb4.3/9, South of Fiji Islands

Main table for stations starting with OUZ, KUZ, etc., listing station names, coordinates, and seismic data.

FINES FINES Array B, 138.88 342 PKP, PKIKP, 15 40 20.9 -0.5, comp=Z, 1.0nm, 0.9s, baz=54, slow=3.3, SNR=3.6

Main table for FINES stations, listing codes like DQRL, BHHT, etc., with station names, coordinates, and seismic data.

NEIC 17 15:43:42.6, 1.1, 38.80N, 0.07-142.1E, 0.1, h40km, 8km, mb4.5/16, Error ellipse: s-maj=17.2km s-min=8.2km az=115.0

BUI 17 15:43:42.2, 0.0, 38.80N, 142.19E, h64km, mb4.5/23, mbp=9.7, Mb4.4/2

JMA 17 15:43:42.9, 0.1, 38.8N, 0.3-142.1E, 0.7, h44km, 1km, MD3.8/40, MV4.1/40, KINKAZAN REGION

JMA Felt II J1 at KINKAZAN REGION

MOS 17 15:43:42.5-0.8, 38.85N, 142.10E, h60km, mb4.4/11, Error ellipse: s-maj=11.9km s-min=8.0km az=96.2

NIED 17 15:43:42.8, 38.84N, 142.11E, h44km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:3.47; Mb:0.58; M0:0.405; Mb2:57; Mb0:0.06; Mb:0.35;

Fault plane solution: M7.83000x10^14 NPT1: 19.00000N, 876.00000E, A: 101.00000N. NP2: 16.01000N, 817.00000E, 2.53, 0.00000

IDC 17 15:43:44.1, 1.2, 31.86N, 142.14E, h58km, 18km, mb3.7/13, mbmp4.0/19, ML3.4/6, MS2.9/4, Error ellipse: s-maj=19.9km s-min=11.9km az=102.0

ISC 17 15:43:42.6-0.9, 38.80N, 0.05-142.0E, 0.07, h47km, 6km, n97, o168/101, mb4.3/33, 9C-18D, Near east coast of eastern Honshu

Main table for stations starting with OFUJ, OFUN, etc., listing station names, coordinates, and seismic data.

17d 18h

baz=332,slow=76,SNR=3.6

KURSB	Kurchatov Arra	46.90 347	P	P	17 43 38.3	0.0
0.7nm,0.2s,baaz=161,slow=6.9,SNR=2.3 0.7nm,0.2s						
WRA	Warrungunga Arr	47.24 123	P	P	17 43 41.7	+0.2
0.3nm,0.5s,baaz=304,slow=9.5,SNR=2.4 0.3nm,0.5s						
ASAR	Alice Springs	48.71 128	P	P	17 43 52.7	-0.1
0.4nm,0.5s,baaz=300,slow=8.0,SNR=11.1 0.4nm,0.5s						
ZALV	Zalesovo Beam	49.01 353	P	P	17 43 53.6	-1.0
0.3nm,0.3s,baaz=187,slow=7.3,SNR=2.0 0.3nm,0.3s						

H40N2 CROZET ISLANDS 63.30 211 T 18 54 52.4
 H40N1 CROZET ISLANDS 63.31 211 T 18 54 50.4
 H40N3 CROZET ISLANDS 63.31 211 T 18 54 51.7
 H40S1 CROZET ISLANDS 63.69 211 T 18 55 18.0
 H40S2 CROZET ISLANDS 63.70 211 T 18 55 19.7
 H40S4 CROZET ISLANDS 63.71 211 T 18 55 16.1

JMA 17 17:41:02.7,0.3,43°N,1°14'7"E, h54km, 3km, MV3.4/26,
 E OFF HOKKAIDO

SKHL 17 17:41:03.5,0.1, 43°00'N,146°90'E, h35km, 2km, mb4.7/3
 ISC 17 17:41:04.8,2.9,43°10'N,09°46'86"E,0.09, h30km, 21km,
 n13, c072/19, Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
				Op	h m s	ISC
				I/P	ISC	ISC
SHO	Shikotan	0.77 359	AMB	A	17 41 18.8	-0.8
SHO	550nm,0.4s				17 41 19.3	
SHO		eS	A	Sb	17 41 30.2	+0.3
SHO	2µm,0.5s				17 41 30.7	
SHO	1µm,0.5s				17 41 30.7	
NEM2	Nemuro 2	0.85 289	P	Pn	17 41 20.1	-0.7
NEM2		S	Pn	Sn	17 41 29.9	+0.6
YUK	Yuzh-Kuril'sk	1.18 323	eP	AMB	17 41 24.4	-0.9
YUK	790nm,0.4s				17 41 25.0	
YUK		eS	A	Sn	17 41 40.1	-0.2
YUK	3µm,0.6s				17 41 41.5	
YUK		A	A	A	17 41 41.5	
JKHN	Kushirohomanak	1.24 270	P	Pn	17 41 25.1	-0.9
JNSB	Nemuroshibetsu	1.51 297	P	Pn	17 41 29.2	-0.6
JRA	Jura	1.52 340	P	Pn	17 41 29.6	-0.3
JRA		S	Pn	Sn	17 41 49.8	+1.3
JAK	Akkeshi	1.58 267	iP	Pn	17 41 29.9	-0.9
JAK		S	Pn	Sn	17 41 50.0	-0.3
JNK	Nakush	1.62 288	iP	Pn	17 41 30.8	-0.7
KUR	Kuril'sk	2.26 18	eP	AMB	17 41 39.9	-0.1
KUR	90nm,0.5s				17 41 44.4	
KUR		eS	A	Sn	17 42 07.3	+0.5
KUR	110nm,0.2s				17 42 10.8	
KUR		A	A	A	17 42 10.8	
JAR	Ashorobto	2.27 276	P	Pn	17 41 40.1	-0.1
JTKR	Abashiri-Toko	2.31 293	P	Pn	17 41 41.2	+0.4
JCH	Churui	2.61 261	P	Pn	17 41 44.4	-0.5
JEM	Erimo	2.94 250	P	Pn	17 41 50.0	+0.6

NNC 17 18:07:45.4,4.9,39°52'N,73°05'E, h0km, mb3.5, mpv3.2,
 Error ellipse: s-maj=37.3km s-min=20.9km az=174.0
 SOME 17 18:07:45.2,39°43'N,72°42'E, h0km
 ISC 17 18:07:46.4,3.4,39°22'N,02°72'16"E,0.06, h10km, n10,
 c1517/17, 5C-1D, Kyrgyzstan

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
				Op	h m s	ISC
				I/P	ISC	ISC
IUG	Iuzhnay	3.38 332	eP	Pb	18 08 45.7	-0.8
IUG	12nm,0.3s				18 09 29.2	+1.5
IUG		eS		Sb	18 09 29.2	+1.5
MRKS	Merkle	3.66 12	eP	Pb	18 08 49.0	-2.2
MRKS	38nm,0.3s				18 09 34.6	-1.1
MRKS		eS		Pb	18 09 34.6	-1.1
KK31	Kararay Array	4.12 343	↑Pg	Pb	18 08 59.2	+0.2
KK31	4.5nm,0.3s,baaz=144,slow=12,SNR=163		↑Lg	Lg	18 09 53.8	
BRLS	Borolday	4.24 336	eP	Pb	18 08 58.6	-2.3
BRLS	30nm,0.2s				18 09 51.3	-0.8
BRLS		eS		Pb	18 09 51.3	-0.8
CHMS	Chumyish	4.29 26	↑Pg	Pn	18 08 54.1	+2.3
CHMS	3.0nm,0.5s				18 09 44.7	
CHMS		↑Lg	Lg	Lg	18 09 44.7	
TKM2	Tokmak 2	4.56 34	↑Pg	Pn	18 08 55.8	+0.2
TKM2	1.0nm,0.5s				18 09 48.1	
TKM2		↑Lg	Lg	Lg	18 09 48.1	
KST	Kasteik	4.82 35	eP	Pb	18 09 02.1	-1.7
KST	8.4nm,0.6s				18 10 09.3	+0.3
KST	2.2nm,0.3s				18 10 09.3	+0.3
DGS	Degeres	4.89 33	eP	Pb	18 09 10.8	-1.4
DGS	3.2nm,0.4s				18 10 12.4	+1.2
DGS		eS		Pb	18 09 16.6	-1.4
KRBS	Karabastau	5.24 29	eP	Sb	18 10 22.3	+1.3
KRBS	1.5nm,0.2s				18 10 22.3	+1.3
KRBS		eS		Pb	18 10 22.3	+1.3
KTBS	Karabote	5.67 35	eP	Pb	18 09 23.8	-1.6
KTBS	1.7nm,0.3s				18 10 34.7	+1.3
KTBS		eS		Sb	18 10 34.7	+1.3

IDC 17 18:12:38.5,2.0, 18°73'N, 145°58'E, h205km, 19km,
 mb3.4/11, mbtmp3.9/13, Error ellipse: s-maj=23.0km
 s-min=12.0km az=85.0
 NEIC 17 18:12:46.1,2.1, 18°7'N,01°145'5E,0.2, h207km, 9km,
 mb4.0/32, Error ellipse: s-maj=26.3km s-min=15.8km
 az=96.0
 ISC 17 18:12:42.7,0.6, 18°55'N,007°145'4E,0.2, h250km, n50,
 c1943/50, mb4.0/27, Mariana Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
				Op	h m s	ISC
				I/P	ISC	ISC
GUMO	Guam	4.96 186	P	Pn	18 13 55.5	-2.5
GUMO	12nm,0.3s,baaz=188,slow=12,SNR=7.4				18 14 55.0	-3.1
GUMO		S		Pn	18 14 55.0	-3.1
MJAR	Matsushiro Arr	19.02 342	P	P	18 16 44.7	-1.5
0.5nm,0.4s,baaz=167,slow=9.5,SNR=1.5						
JMM	Marumori	19.67 349	P	P	18 16 52.3	-0.7
H1S3	WAKE ISLAND Hy	20.17 87	T	T	18 37 59.8	
H1S1	WAKE ISLAND Hy	20.17 87	T	T	18 38 01.0	
H1S2	WAKE ISLAND Hy	20.17 87	T	T	18 38 02.4	
H1S1	WAKE ISLAND Hy	20.17 87	T	T	18 38 02.4	
MTN	Mannton Dam	34.23 205	P	P	18 19 05.6	+0.4
WB0	Warrungunga Arr	39.59 196	IAMB	IAMB	18 19 52.3	+2.3
WB0		eS		Pn	18 19 53.5	
WR0	Warrungunga Arr	39.73 196	P	P	18 19 53.6	+2.3
WR0		IAMB		P	18 20 08.3	
WRAB	Tennant Creek	39.76 196	P	P	18 19 51.8	+0.2
WB2	Warrungunga Arr	39.77 196	P	P	18 19 54.0	+2.3
WB2		IAMB		IAMB	18 19 54.2	
WRA	Warrungunga Arr	39.77 196	P	P	18 19 53.7	+2.1
WRA	Warrungunga Arr	39.77 196	P	P	18 19 53.8	+2.1
WRA		PcP	PcP	P	18 21 53.9	+1.2
FITZ	Fitzroy Crossi	41.28 209	P	P	18 20 06.8	+2.7
SONM	Songino Array	43.10 322	P	P	18 20 18.0	-0.5

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comp=2.0,2nm,0.4s,baaz=117,slow=6.6,SNR=1.9
 comp=2.0,2nm,0.4s

AS31	Alice Springs	43.44 195	P	P	18 20 23.5	+2.2
ASAR	Alice Springs	43.44 195	P	P	18 20 23.7	+2.4
ASAR	Alice Springs	43.44 195	P	P	18 20 23.1	+1.7
comp=2.0,3nm,0.3s,baaz=14,slow=6.4,SNR=31 PcP PP						
ASAR					18 22 06.3	-1.8
comp=2.0,4nm,0.5s,baaz=24,slow=3.7,SNR=4.6 comp=2.0,3nm,0.3s						
DZM	Mont Dzumac	45.30 152	P	IAMB	18 20 37.0	+0.9
DZM		IAMB			18 20 37.4	
comp=2.4,5nm,0.7s						
PSA00	Pilbara Seismi	47.09 213	P	IAMB	18 20 48.9	-0.9
PSA00		IAMB			18 21 07.3	
comp=2.5,4nm,1.1s						
STKA	Stephens Creek	50.27 184	P	P	18 21 14.1	+0.2
FORT	Forrest	51.81 199	P	P	18 21 28.2	+2.9
MORW	Morawa	55.19 212	P	IAMB	18 21 52.0	+2.1
MORW		IAMB			18 21 53.1	
N15K	Kwethluk River	56.67 29	P	P	18 21 59.1	-0.8
J16K	Anvik River	57.71 26	P	IAMB	18 22 07.6	+0.5
J16K		IAMB			18 22 07.9	
comp=2.4,2nm,0.8s						
ZALV	Zalesovo Beam	57.98 323	P	P	18 22 09.4	+0.3
comp=2.0,5nm,0.3s,baaz=76,slow=6.3,SNR=4.0 comp=2.0,5nm,0.3s						
MKAR	Makanochi Array	58.38 314	P	P	18 22 12.5	+0.4
MKAR	Makanochi Array	58.38 314	P	P	18 22 12.7	+0.6
comp=2.0,6nm,0.5s,baaz=99,slow=7.0,SNR=7.7 comp=2.0,6nm,0.5s						
K17K	Iditarod	58.44 27	P	IAMB	18 22 12.6	+0.4
K17K		IAMB			18 22 23.1	
comp=Z,7.7nm,1.1s						
H18K	Honhosa River	59.37 24	P	P	18 22 18.2	-0.3
C19K	Lookout Ridge	60.63 20	P	IAMB	18 22 27.5	+0.5
C19K		IAMB			18 22 28.4	
comp=2.2,0nm,0.7s						
J20K	Nowinta River	60.70 26	P	P	18 22 28.1	+0.6
KURSB	Kurchatov Arra	61.26 318	P	P	18 22 31.2	-0.3
comp=2.0,9nm,0.6s,baaz=96,slow=7.4,SNR=13 comp=2.0,9nm,0.6s						
CAST	Castle Rocks	61.34 27	P	IAMB	18 22 31.7	-0.2
CAST		IAMB			18 22 32.4	
SUA	Susitna One	61.43 29	P	IAMB	18 22 31.9	-0.7
SUA		IAMB			18 22 47.5	
comp=2.4,6nm,1.2s						
H21K	Melozitna River	61.72 24	P	P	18 22 34.1	-0.2
B20K	Meade River	61.80 19	P	IAMB	18 22 34.8	0.0
B20K		IAMB			18 22 36.0	
comp=2.2,5nm,0.7s						
I21K	Tanana	61.90 25	P	P	18 22 35.0	-0.5
BPBW	Bear Paw Mtn.	62.00 26	P	P	18 22 35.6	-0.7
SML	Sawmill	62.63 29	P	P	18 22 39.0	-1.4
E22K	Anaktuvuk Pass	62.88 22	P	P	18 22 41.4	-0.6
SCM	Sheep Creek Mo	63.10 29	P	IAMB	18 22 42.8	-0.8
SCM		IAMB			18 22 48.4	
comp=Z,3.4nm,0.8s						
ILAR	Eielson Array	63.89 26	P	P	18 22 47.0	-1.6
comp=Z,0.6nm,0.7s,baaz=259,slow=4.9,SNR=8.2 comp=2.0,6nm,0.7s						
D25K	Kavik River	65.12 21	P	IAMB	18 22 57.2	+0.6
D25K		IAMB			18 22 57.9	
comp=Z,2.6nm,0.8s						
BVAR	Borovyoye Array	66.43 320	P	P	18 23 05.4	+0.3
comp=Z,2.2nm,0.6s,baaz=97,slow=7.9,SNR=22 comp=Z,2.2nm,0.6s						
BRVK	Borovyoye	66.49 320	P	IAMB	18 23 04.4	-1.1
BRVK		IAMB			18 23 07.4	
comp=2.2,1nm,0.9s						
ABKAR	Abkudak array	73.28 317	P	IAMB	18 23 46.7	0.0
ABKAR		IAMB			18 23 47.8	
comp=Z,1.5nm,0.5s						
YKA	Yellowknife Ar	78.24 28	P	P	18 24 14.5	0.0
comp=Z,0.8nm,0.7s,baaz=291,slow=5.9,SNR=5.8 comp=2.0,8nm,0.7s						
NVAR	Mina Array Bea	83.43 52	P	P	18 24 43.0	+0.3
comp=Z,1.2nm,0.7s,baaz=270,slow=5.8,SNR=11 comp=Z,1.2nm,0.7s						
FINES	FINESS Array B	86.92 335	P	P	18 24 57.8	-1.4
comp=Z,0.7nm,0.3s,baaz=63,slow=4.7,SNR=16 comp=Z,0.7nm,0.3s						

IDC 17 18:15:12.1, 1.9, 1°11'N, 125°90'E, h0km, mb3.6/3,
 mbtmp3.7/3, Error ellipse: s-maj=186.0km s-min=23.8km
 az=65.0
 DJA 17 18:15:17.1, 1.0, 1°N, 3°12'6"E, h18km, 9km, M3.6/11,
 mb3.6/MLV3.5/11
 ISC 17 18:15:17.5, 1.3, 1°N, 0°1'126.47E, 0.05, h35km, n9,
 c1942/13, mb3.7/3, Northern Molucca Sea

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
				Op	h m s	ISC
				I/P	ISC	ISC
TNTI	Ternate	1.04 120	P	Pn	18 15 07.1	+1.9
TNTI		S	Pn	Sn	18 15 51.5	+0.2
LBMI	Labuha	2.18 152	P	Pn	18 15 51.5	+0.2
LBMI		S	Pn	Sn	18 16 17.4	+0.3
KMSI	Cibinong	2.59 254	P	Pn	18 15 56.4	-0.5
KMSI		S	Pn	Sn	18 16 26.2	-1.0
SANI	Sanana	3.36 188	P	Pn	18 16 07.0	-0.5
GTOI	Gorontalo	3.52 259	P	Pn	18 16 10.5	+0.8
GTOI		S	Pn	Sn	18 16 53.5	+3.3
LWUI	Luwuk	4.37 238	P	Pn	18 16 22.4	+1.0
WRA	Warrungunga Arr	22.48 160	P	P	18 20 13.1	-0.8
1.0nm,0.3s,baaz=337,slow=1.1,SNR=11 1.0nm,0.3s						
ASAR	Alice Springs					

17d 21h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IRIF, HATJ, JKRS, etc.

JMA 17 19:08:26.6:0.1,24.2N:0.5:123.8E:0.4, h17km, 1km, MV1.5/10, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HATJ, JKRS, IRIF, etc.

TAP 17 19:08:44.5,23.89N:121.77E, h19km, 1km, ML1.1, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HWA, SHUL, TWD, etc.

IDC 17 19:28:6.5:3,29.78S:177.41W, h0km, mb3.3/2, mbtmp3.3/2, Error ellipse: s-maj=317.7km

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

IDC 17 19:28:37.5:1.9, 4.99N:127.68E, h0km, mb3.7/5, mbtmp3.7/5, MS3.6/1, Error ellipse: s-maj=158.9km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KCP, BIPH, WRA, etc.

GUC 17 19:40:56.7:0.9, 22.21S:67.37W, h173km, 7km, ML3.4

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

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

IDC 17 19:42:24.4:1.1, 18.23N:96.10E, h0km, mb3.8/8, mbtmp3.8/8, ML3.0/1, MS2.6/1, Error ellipse: s-maj=29.8km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GOO1, CMAR, MKAR, etc.

IDC 17 19:42:29.8:1.2, 18.33N:102.96E:0.2, h35km, n9, c0568/9, mb3.8/8, Myanmar

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

JMA 17 19:45:45.3:0.1, 24.2N:0.3:123.8E:0.3, h16km, 1km, MV3.2/10, NEAR ISHIGAKIJIMA ISLAND

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IRIF, HATJ, JKRS, etc.

DSN 17 19:54:06.8:2.1, 26.98N:53.88E, h10km, ML3.1/11, Error ellipse: s-maj=24.4km

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

1010

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LMD1, LAR, JHRM, etc.

NEIC 17 19:59:51.6:0.5, 19.30N:0.0:155.183W:0.009, h9km, 1km, Error ellipse: s-maj=2.7km

HVO 17 19:59:51.3:0.6, 19.33N:0.0:155.184W:0.007, h1km, 7km, ML3.0/36, ML3.2/40(NEIC), Error ellipse: s-maj=1.5km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KANH, STCH, HATJ, etc.

IDC 17 21:00:36.9:55.0, 22.32S:175.16W, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=1025.0km

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

ISK 17 21:14:10.6, 39.61N:26.03E, h6km, ML2.5/23

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KOCA, GPNR, BOZC, etc.

17d 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like B20K Meade River, F20K Avaraart Lake, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M29M Somme Creek, L29M L29M, etc.

1012

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OBN comp=Z,4.0nm,0.8s, OBN comp=Z,30nm,20.0s, etc.

Table with columns: TXAR, Lajitas Array, 84.27 55 P, P, 21 48 37.2 +0.8, comp=Z,0.5nm,0.7s,baz=290,slow=3.7,SNR=7.6

BUG 17:21:39:26.6:0.8,47:24N:11:76E,h3km,3km,MD3.5/11,ML3.2/12
VIE 17:21:39:26.9:0.2,47:26N:11:63E,h14km,1km,mb1.7/16,ml2.7/19,Error ellipse: s-maj=1.0km s-min=0.9km az=173.0 felt 4 ems98 South of Wattens/ Tyrol 10 km ESE of Hall in Tirol
LDG 17:21:39:27.7:0.1,47:30N:11:62E,h5km,ML2.5/20,Error ellipse: s-maj=1.8km s-min=1.7km az=154.0
ROM 17:21:39:27.9:0.1,47:205N:0.006:11:630E:0.005,h4km,ML2.5/81,Error ellipse: s-maj=0.6km s-min=0.3km az=344.0
BGR 17:21:39:28.5:0.3,47:29N:11:65E,h9km,2km,ML2.6/18,Error ellipse: s-maj=4.4km s-min=2.2km az=164.0
PRU 17:21:39:28.3,47:33N:11:72E,h1km,Hall In Tirol
ISC 17:21:39:27.2:0.8,47:29N:0.01:11:68E:0.01,h17km,4km,n114,c208/220,Austria

Main table for station 1013 with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC

Main table for station 1013 (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC

Main table for station 1013 (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like L15K, BTLS, USP, K15K, G16K, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like M16K, J17K, N16K, F18K, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KASI, H19K, B20K, N18K, etc.

1019

Q19K	comp-Z,222nm,1.2s Cape Douglas, baz=275	51.17	39	P	P	23 07 37.0	-0.3
M20K	M20K Styx River	51.24	35	P	I Amb	23 07 38.9	+1.1
M20K	comp-Z,232nm,1.5s Styx River	51.24	35	P	P	23 07 39.2	+1.4
M20K	baz=273 SNR=32			S	S	23 14 58.1	+2.3
B22K	baz=273 Teshekpuk Lake	51.25	24	P	I Amb	23 07 38.0	+0.3
B22K	comp-Z,232nm,1.1s			P	I Amb	23 07 39.3	
B22K	comp-Z,3um,22.0s Teshekpuk Lake	51.25	24	P	P	23 07 37.7	+0.1
B22K	baz=266, SNR=144			S	S	23 14 56.7	+1.1
H21K	baz=266 Melozitna Rive	51.30	30	P	I Amb	23 07 38.7	+0.6
H21K	comp-Z,2um,18.0s Melozitna Rive	51.30	30	P	P	23 07 38.7	+0.6
H21K	baz=270, SNR=38			S	S	23 14 59.1	+2.7
P19K	baz=270 Oil Pt	51.33	38	P	I Amb	23 07 38.0	-0.4
P19K	comp-Z,233nm,1.1s Oil Pt	51.33	38	P	P	23 07 44.7	
P19K	baz=274, SNR=7.6			S	S	23 07 38.6	+0.2
ILSW	Ilamna South	51.35	38	P	P	23 07 38.7	0.0
GARM	Garm	51.39	295	P	P	23 07 39.0	-0.4
D22K	Aiyikyak River	51.42	26	P	P	23 07 39.7	+0.7
D22K	baz=267, SNR=98			S	S	23 07 39.7	+0.7
D22K	baz=267			S	S	23 15 00.1	+2.0
RSO	Redoubt South	51.51	37	P	P	23 07 40.6	+0.7
OHAK	Old Harbor	51.52	41	P	P	23 07 41.2	+1.3
OHAK	Old Harbor	51.52	41	P	P	23 07 39.9	0.0
OHAK	comp-Z,136nm,1.1s Old Harbor	51.52	41	P	I Amb	23 07 44.7	
OHAK	comp-Z,2um,18.0s Old Harbor	51.52	41	P	P	23 07 39.7	-0.2
CHUM	Lake Minchumin	51.54	33	P	P	23 07 40.6	+0.8
F22K	John River	51.57	28	P	P	23 07 40.8	+0.7
F22K	baz=269, SNR=122			S	S	23 15 01.4	+1.4
O20K	Slope Mountain	51.60	37	P	P	23 07 40.7	+0.1
O20K	baz=274, SNR=6.3			S	S	23 15 02.3	+1.5
PPLA	Purkpile	51.63	34	P	P	23 07 41.8	+1.0
I21K	Tanana	51.65	31	P	P	23 07 41.0	+0.3
I21K	baz=271			S	S	23 15 03.5	+2.4
CAST	Castle Rocks	51.66	33	P	I Amb	23 07 41.5	+0.7
CAST	comp-Z,215nm,1.5s Castle Rocks	51.66	33	P	I Amb	23 07 41.7	+0.8
CAST	baz=272, SNR=51			S	S	23 15 03.3	+1.9
E22K	Anaktuvuk Pass	51.72	27	I AMs_20	I AMs_20	23 31 27.6	
E22K	comp-Z,2um,20.0s Anaktuvuk Pass	51.72	27	P	P	23 07 42.0	+0.7
E22K	baz=269			S	S	23 15 02.3	+0.1
N20K	Mount Spurr	51.72	36	P	P	23 07 42.5	+1.1
SPCR	Spurr Chakacha	51.72	36	P	P	23 07 41.1	-0.3
SU	Mount Spurr	51.80	36	P	I Amb	23 07 42.9	+0.9
SU	comp-Z,238nm,1.3s Mount Spurr	51.80	36	P	I Amb	23 07 44.2	
G22K	Bettles	51.82	29	P	P	23 07 42.1	+0.1
G22K	baz=270			S	S	23 15 03.4	-0.2
KDAK	Kodiak Island	51.84	40	P	I Amb	23 07 41.9	-0.3
KDAK	comp-Z,261nm,1.1s Kodiak Island	51.84	40	P	I Amb	23 07 47.2	
KDAK	baz=276			S	S	23 15 04.7	+0.7
KDAK	comp-Z,1um,21.6s, baz=264,slow=36 Kodiak Island	51.84	40	LR	LR	23 29 22.1	
KDAK	comp-Z,261nm,1.1s Kodiak Island	51.84	40	P	I Amb	23 07 41.9	-0.3
KDAK	comp-Z,2um,20.0s Shuyak Island	51.85	39	P	P	23 07 42.0	-0.3
SYI	Shuyak Island	51.85	39	P	I Amb	23 07 42.1	-0.2
SYI	comp-Z,223nm,1.1s Shuyak Island	51.85	39	P	I Amb	23 07 43.5	
H22K	Ishlitalina Cre	51.89	30	P	P	23 07 43.5	+1.0
H22K	baz=271, SNR=47			S	S	23 15 06.8	+2.3
SKT	Skwentna	51.99	35	P	I Amb	23 07 43.8	+0.4
SKT	comp-Z,162nm,1.3s Skwentna	51.99	35	P	I Amb	23 07 45.0	
SKT	baz=271, SNR=44			S	S	23 07 43.2	-0.1
BPAW	Bear Paw Mtn.	52.11	32	P	P	23 07 44.6	+0.4
BPAW	comp-Z,2um,20.0s Bear Paw Mtn.	52.11	32	P	I AMs_20	23 30 58.1	
BPAW	baz=273, SNR=44			S	S	23 07 44.9	+0.7
HOM	Homer	52.13	38	P	P	23 07 43.6	-0.8
D23K	Nanutuk River	52.15	26	P	P	23 07 45.3	+0.9
D23K	baz=269			S	S	23 15 09.4	+1.4
KTH	Kantishna Hill	52.17	33	P	P	23 07 45.4	+0.7
MLY	Manley	52.18	31	P	I Amb	23 07 45.4	+0.7
MLY	comp-Z,192nm,1.6s Manley	52.18	31	P	I Amb	23 07 47.2	
MLY	baz=272, SNR=74			S	S	23 15 12.3	+3.7
C23K	Iktilik River	52.19	25	P	I Amb	23 07 44.8	+0.2
C23K	comp-Z,300nm,1.3s Iktilik River	52.19	25	P	I Amb	23 07 46.6	
C23K	comp-Z,2um,20.0s Iktilik River	52.19	25	P	I AMs_20	23 30 23.9	
C23K	baz=269, SNR=118			S	S	23 15 11.1	+2.7
CAPN	Captain Cook N	52.27	36	P	I Amb	23 07 46.3	+0.9
CAPN	comp-Z,240nm,1.2s Captain Cook N	52.27	36	P	I Amb	23 07 49.2	
CAPN	baz=275			S	S	23 07 45.7	+0.4
COLD	Coldfoot	52.33	28	P	P	23 07 45.8	+0.1
CNMD	China Poot	52.35	38	P	P	23 07 46.4	+0.4
CHGR	Chuyangaron	52.35	295	P	P	23 07 45.9	-0.6
CHGR	Chuyangaron	52.35	295	P	P	23 07 45.9	-0.6
CHGR	comp-Z,354nm,0.8s Chuyangaron	52.35	295	pmax	pmax		
SUA	Susitna One	52.40	36	P	I Amb	23 07 46.5	-0.1
SUA	comp-Z,8um,21.0s Susitna One	52.40	36	P	I Amb	23 07 49.2	
SUA	comp-Z,178nm,1.0s Susitna One	52.40	36	P	P	23 07 46.2	-0.4
SUA	baz=275, SNR=30			S	S	23 15 11.0	-0.9
G23K	Bananza Creek	52.41	29	P	P	23 07 46.6	+0.1
G23K	comp-Z,2um,20.0s Bananza Creek	52.41	29	P	P	23 07 46.9	+0.4
G23K	baz=272, SNR=30			S	S	23 15 14.6	+2.9

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SI MJ	Simiganj	52.47	295	P	I Amb	23 07 46.8	-0.6
SI MJ	comp-Z,240nm,1.2s Bradley Lake	52.50	38	P	I Amb	23 07 47.5	+0.3
BRLK	Bradley Lake	52.50	38	P	I Amb	23 07 49.4	
BRLK	comp-Z,167nm,1.0s Toolik Lake Re	52.55	26	P	P	23 07 48.0	+0.5
TOLK	Toolik Lake Re	52.55	26	P	P	23 07 47.8	+0.3
TOLK	baz=270, SNR=71			S	S	23 15 14.7	+1.1
TOLK	baz=270			S	S	23 07 47.2	-0.5
BRSE	Bradley Lake S	52.58	38	P	P	23 07 47.8	-0.5
H23K	Yukon River	52.64	30	P	I Amb	23 07 48.8	+0.6
H23K	comp-Z,111nm,0.9s Yukon River	52.64	30	P	I Amb	23 07 50.8	
H23K	comp-Z,2um,18.0s Yukon River	52.64	30	P	I AMs_20	23 31 52.0	
H23K	baz=273, SNR=99			S	S	23 15 19.0	+4.1
H23K	baz=273			S	S	23 07 49.4	+1.2
I23K	Minto, Yukon-K	52.76	31	P	I AMs_20	23 29 47.0	
I23K	comp-Z,2um,20.0s Minto, Yukon-K	52.76	31	P	I AMs_20	23 31 38.5	
I23K	baz=273, SNR=41			S	S	23 07 49.7	+0.8
BWN	Browne	52.77	32	I AMs_20	I AMs_20	23 31 38.5	
D24K	Happy Valley	52.81	26	P	P	23 07 50.0	+0.7
D24K	comp-Z,2um,19.0s Happy Valley	52.81	26	P	P	23 07 49.7	+0.4
D24K	baz=271, SNR=98			S	S	23 15 18.5	+1.4
C24K	Franklin Bluff	52.85	25	P	P	23 07 49.9	+0.3
C24K	baz=270			S	S	23 15 18.2	+0.6
NEA2	Nenana	52.91	32	P	I Amb	23 07 50.6	+0.5
NEA2	comp-Z,326nm,1.4s Nenana	52.91	32	P	I Amb	23 07 52.3	
NEA2	comp-Z,2um,18.0s Nenana	52.91	32	P	I AMs_20	23 33 20.3	
NEA2	baz=274, SNR=29			S	S	23 15 19.8	+1.2
RCO1	Rabbit Creek A	52.92	36	P	I Amb	23 07 50.4	+0.2
RCO1	comp-Z,255nm,1.2s Rabbit Creek A	52.92	36	P	I Amb	23 07 51.5	
RCO1	baz=273, SNR=21			S	S	23 07 49.7	-0.6
E24K	Your Creek	52.97	27	P	I Amb	23 07 51.2	+0.7
E24K	comp-Z,258nm,1.4s Your Creek	52.97	27	P	I Amb	23 07 52.7	
E24K	comp-Z,2um,20.0s Your Creek	52.97	27	P	I AMs_20	23 31 33.5	
E24K	baz=272, SNR=116			S	S	23 07 51.0	+0.5
E24K	baz=272			S	S	23 15 21.4	+2.1
MCK	McKinley	53.04	33	P	P	23 07 50.9	-0.3
PMR	Palmer	53.16	35	P	P	23 07 52.6	+0.7
PMR	comp-Z,252nm,1.2s Palmer	53.16	35	P	I Amb	23 07 51.7	-0.2
PMR	baz=276			S	S	23 07 51.9	-0.1
PMR	comp-Z,2um,20.0s Palmer	53.16	35	P	I AMs_20	23 33 20.3	
PMR	baz=276			S	S	23 15 22.9	+0.9
PMR	comp-Z,252nm,1.2s Palmer	53.16	35	P	pmax	23 07 51.7	-0.2
PMR	comp-Z,2um,21.0s Seward	53.18	37	P	MLR	23 07 51.5	-0.5
F24K	Squaw Lake	53.22	28	P	P	23 07 53.0	+0.6
F24K	comp-Z,3um,22.0s Squaw Lake	53.22	28	P	I AMs_20	23 29 48.2	
F24K	baz=273, SNR=44			S	S	23 15 23.2	+0.5
GHO	Glory Hole Cre	53.24	35	P	P	23 07 52.9	+0.3
MDM	Murphy Dome	53.25	31	P	P	23 07 53.4	+0.8
XMS	Christmas Isla	53.27	218	P	P	23 07 54.9	+1.6
MTSU	Mount Surprise	53.31	170	P	P	23 07 56.3	+2.8
WRH	Wood River Hill	53.35	32	P	P	23 07 53.2	-0.1
COLA	College	53.41	31	P	P	23 07 55.0	+1.2
COLA	College	53.41	31	P	I Amb	23 07 54.3	+0.6
COLA	comp-Z,318nm,1.6s College	53.41	31	P	I Amb	23 07 55.9	
COLA	comp-Z,2um,20.0s College	53.41	31	P	I AMs_20	23 33 20.3	
COLA	baz=275			S	S	23 07 54.4	+0.6
COLA	comp-Z,2um,20.0s College	53.41	31	c/p	pmax	23 07 53.5	-0.3
COLA	comp-Z,99nm,0.9s Hyderabad	53.42	266	eP	pmax	23 07 54.9	+0.3
HYB	Hyderabad	53.42	266	eP	pmax	23 09 57.3	+2.4
HYB	comp-Z,2um,20.0s Hyderabad	53.42	266	eS	pmax</		

17d 22h

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like L26K Log Cabin Wild, L26K Log Cabin Wild, HMT Hamilton, KAIM Kayak Island, GLB Gilahina Butte, G27K Doyon Strip, etc.

2018 JUN

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like G30M Atoh Zraii Nji, F30M Barrier River, L29M L29M, L29M Somme Creek, M29M Somme Creek, etc.

1020

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, Time, and other parameters. Includes stations like N32M Quiet Lake, P32M Atlin, P32M Atlin, P32M Atlin, P32M Atlin, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include MDND Maddock, BEBN Eben Emael, MEM Mombasa, KPRO Kipouria, KJV Kijevo, ABTA Abfalterbach, VILL Villia, AXAR Agios Charalam, WATA Walderalm, STU Stuttgart, AGG Agios Georgios, WTTA Wattenberg, WTTA Wattenberg, RYTA Rijeka, JCZ Jackson Bay, PFO Pinyon Flats O, PFO Pinyon Flats O, STON Ston, STON Ston, TPO Pinon Flats, 109C Camp Elliot, M, P18A Preston Nutter, SKDS Skadanscina, ZKR Zakros, BELC Belle Mtn. Jos, MAKR Makrakomi, Fth, MAKA Makarska, BHOU Houveznez, BSTI Sart Tilman, K2ZA Casper, MOTA Moosalm, SQTa Samk Quirin, RETA Reutte, NRS Narsarsuaq, RABC Rab, GALL Galloway, G2A1 Huff, NVLJ Novalla, EVR Eryntia, BCLA Clavier, SMRN Sveta Marina, UBR Ueberherrn, MORI Moric, RSSD Black Hills, RSSD Black Hills, JAN Janina, VIRC Vir, BGES Gesves, HVAR Hvar, M5EY Mahe Island, MONP2 Monument Peak, ANX Ano Chora, KALE Kalithea, NEE2 Needles Airpor, LSTV Lastovo, IRM Iron Mountain, LBWR Ladybower, Pea, LBWR, ZIRZ Zirje, FETA Feichten, RCHB Rochefort, WLF Walferdange, WLF Walferdange, EFF Dugi Otok, DUGI Dugi Otok, BRUN Brijuni, BC3 Big Chuckawall, BMRD Maredous, GUR Goura, BFO Black Forest, PVO Paravola, KLV Kalavryta, Ach, SRN Sarande, DAVA Damuels, DAVA Damus, IGT Igomounisa, IKP In-Ko-Pah, Jac, SWSC Sam W. Stewart, WIM Isle of Man, O2O White River Ci, O2O Dourbes, IDGL Inch Island, C, IDGL Inch Island, C, PDMCI Parker Dam, Lak, LK2D Lefkada Island, RLS Riolos of Patr, NYDR Nydri-Lefkada, DAVOS Davos Dischmat, EVGI Lefkada Island, AGMN Agassiz Nation, AGMN Agassiz Nation, WME Myndd Eilian, ITM Ithomi, GLA Glamis, GLA Glamis, ILTH Belurgan, Co L, RTZL Ratzkalf, Kefa, WLF1 Lynfaes, VLS Valsamata, YLL Llanberis, PSDA Pessada-Kefalo, TUE Stuetta, N23A Red Feather La, LLW Llanuwchllyn, ATD Arta Tunnel, KEF3 Kipouria, Keph, PYL Pyllos, LTHK Lithiaka, STRD Stroud, STRD, WUJAZ Wupatki

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include WOL Wolverton, DSB Dublin, GUMA Gualdo di Mace, MONM Monmouth, MONM, ISCO Idaho Springs, ISCO Idaho Springs, MVCO Mesa Verde, SUSD Miller, SUSD Miller, IGLA Glengowla, Co, IWEX Carrickbyrne, TIP Tipogrado, TIP Tipogrado, S22A 4UR Ranch, Cre, EYMN Ely, EYMN Ely, W18A Petrified Fore, Q24A Divide, Q24A Divide, 214A Organ Pipe Nat, PMOR Pomarioro Ree, OGNE Ogallala, OGNE Ogallala, PPT Papeete, PPT Papeete, PPT2 Papeete2, PPT2 Papeete2, PPT2 Divide, SDCO Great Sand Dun, ECSD EROS Data Cent, ECSD EROS Data Cent, SCHD Schefferville, SCHQ, TUC Tucson, KSCO Kaye Shedlock, KSCO Kaye Shedlock, SPMN Marine on St., SPMN Marine on St., T25A Trinidad, CTZ Chatham Island, BGNE Belgrade, ANMO Albuquerque, VAE Valguarnera, Y27A Lemond, Waseca, I32D IRIS PASSCAL I, COWI Conover, L34A Svendsen Farm, G40A Rib Lake, 123A Cookes Peak, D, 411A Lone Tree Farm, CBKS Cedar Bluff, CBKS Cedar Bluff, FURI Furi, WDD Wied Dalaim, H0A Norwalk, R32A Long Quarter, SCIA State Center, SCIA State Center, 56A Sault Ste Mari, TBI Tubuai, TBI Tubuai, TBI Tubuai, TBI Tubuai, TBI Tubuai, K5U1 Kansas State U, JFWS Jewell Farm, JFWS Jewell Farm, G45A Suttons Bay, L40A Anamosa, N38A Jones South For, CESTA Estide de Car, AMTX Amarillo, MSTX Muleshoe, MNXT Cornudas Mount, OK03E E0210 Rd and N, GLMI Grayling, GLMI Grayling, H45A Fountain, U32A Winter Ranch, OK03E Salt Pylons, L42A Oliver, Polo, K43A Burlington

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include P38A Dawn, CROK Carrier, N41A Harde, L44A Lake County Fo, L44A Lake County Fo, T35A Sooner Cattle, KEST Kesra, KEST, OK051 E0305 and S346, P40A Paris, HQIL Hanson Quarry C, J47A Sunner, OK029 Liberty Lake, WMOK Wichita Mounta, WMOK Wichita Mounta, H49A Point Hope, M44A Midewin, Midew, OK052 Battle Ridge R, HDIL Hopedale, HDIL Hopedale, LPIG La Paz, SADO Sadowa, SADO Sadowa, S39A Bolivar, R40A Leonard, TUL3 Leonard, TRQ Mont Tremblant, TXAR Lajitas Array, TXAR, U38A Gravelite, ABTX Abilene, Hawle, ABTX Abilene, Hawle, K50A Casco, L48A N Adams, AAM Ann Arbor, AAM Ann Arbor, DELO Deloro Mine, CCM Cathedral Cave, CCM Cathedral Cave, SLM Saint Louis, HHAR Hobbs, N47A Urbana, MGMO Mountain Grove, MNTQ Montreal, Queb, Q44A Meyer Farm, FVM French Village, Z35A Perchaven, San, P46A Rosedale, FWO7 Weatherford, N49A Columbus Grove, M50A Fremont, PBRG Braganca, PBRG Lake Ozonia, OLIL Olney, O48B Farmland, O48B Farmland, LODK Lodwar, LODK Lodwar, J55A Hilton, JCT Junction City, SIUC Southern Illin, BLO Bloomington, PGAV Gavieira, Arco, PGAV Gavieira, Arco, FCAR Ozark Folk Cen, O49A Covington, ERPA Erie, M52A Chesterland, F63A Nahmakanta, Br, J56A Wolcott, CGM3 Cape Girardeau, PBMO Poplar Bluff, WBHTX Lake Whitney, WBHTX Lake Whitney, N51A Ashland, P48A Milroy, WVNY West Valley, N, ESDC Sonseca Array, ESDC, ESDC, MIAR Mount Ida, MIAR Mount Ida, POLO Louis De Olo

Table with columns: Call Sign, Frequency, Power, Mode, and various parameters. Includes stations like VT1 Waterbury, M53A WI Miller, M53A WI Miller, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and various parameters. Includes stations like SWET Seawacke, MESJ Messejana, MESJ Messejana, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and various parameters. Includes stations like ABD La Joyeuse, GDSO La Desirade, FDF Fort de France, etc.

18d 1h

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
POKR	Poker Plat Res	91.42	336	P	P	01 13 56.2	+0.7				
KDAK	Kodiak Island	91.48	329	P	P	01 13 56.4	+0.6				
G25K	Bearman Lake	91.50	338	P	P	01 13 56.5	+0.8				
HOM	Homer	91.54	330	P	P	01 13 56.9	+0.8				
MCK	McKinley	91.57	335	P	P	01 13 56.7	+0.5				
F25K	Christian River	91.64	339	P	P	01 13 57.3	+0.8				
OHAK	Old Harbor	91.69	328	P	P	01 13 57.1	+0.3				
C27K	Jago River	91.78	341	P	P	01 13 58.0	+0.9				
E25K	Arctic Village	91.82	339	P	P	01 13 57.9	+0.6				
NEA2	Nenana	91.90	336	P	P	01 13 57.9	+0.2				
SREK	Skwentna	91.92	333	P	P	01 13 58.7	-0.2				
N20K	Mount Spurr	92.25	332	P	P	01 13 59.2	-0.2				
C26K	Camden Bay	92.28	341	P	P	01 13 59.9	+0.6				
F24K	Squaw Lake	92.42	338	P	P	01 14 00.9	+0.8				
D25K	Kavik River	92.53	340	Iamb	Iamb	01 14 01.7					
D25K	Kavik River	92.53	340	P	P	01 14 01.1	+0.5				
BPWV	Bear Paw Mtn.	92.54	335	P	P	01 14 00.5	-0.2				
PPLA	Purkeypile	92.71	333	P	P	01 14 01.4	-0.3				
MANT	Manley	92.72	336	P	P	01 14 01.3	-0.2				
CLST	Castle Rocks	92.81	334	P	P	01 14 01.7	-0.2				
E24K	Your Creek	92.83	339	P	P	01 14 02.3	+0.3				
M20K	Styx River	92.86	332	P	P	01 14 02.4	+0.1				
G23K	Banzaa Creek	92.95	337	P	P	01 14 03.2	+0.6				
COLD	Coldfoot	93.18	338	P	P	01 14 04.1	+0.1				
N19K	Bonanza Creek	93.21	331	P	P	01 14 04.1	+0.1				
P18K	Big Mountain	93.23	330	P	P	01 14 04.0	+0.1				
D24K	Happy Valley	93.30	340	P	P	01 14 04.4	+0.4				
TOLK	Toolik Lake Re	93.39	339	P	P	01 14 04.5	+0.0				
M19K	Big River Lodg	93.44	332	P	P	01 14 04.7	-0.2				
N18K	Klata Creek	93.85	331	P	P	01 14 06.8	0.0				
D23K	Nanushuk River	93.87	340	P	P	01 14 07.1	+0.4				
E22K	Anaktuvuk Pass	94.03	339	P	P	01 14 07.8	+0.3				
C23K	Ikilik River	94.11	340	P	P	01 14 08.6	+0.9				
G21K	Allakaket	94.23	337	P	P	01 14 08.8	+0.4				
H20K	Anotleneega Mo	94.52	336	P	P	01 14 10.1	+0.3				
L18K	Granite Mounta	94.56	332	P	P	01 14 09.7	-0.3				
CHNA	Chernabova Isl	94.60	325	P	P	01 14 09.7	-0.6				
O16K	Kokwok River B	94.70	330	P	P	01 14 11.3	+0.7				
J18K	Innok River	94.84	334	P	P	01 14 11.9	+0.6				
E21K	Killik River	94.89	339	P	P	01 14 11.5	+0.1				
B22K	Teshkepuk Lake	95.17	341	P	P	01 14 13.1	+0.5				
N16K	Nishlik Lake	95.20	330	P	P	01 14 12.9	-0.1				
F20K	Avarakt Lake	95.21	337	P	P	01 14 13.3	+0.5				
L17K	Donlin	95.29	332	P	P	01 14 14.1	+0.8				
M16K	Timber Creek	95.39	331	P	P	01 14 14.0	+0.2				
B21K	Ikkipuk River	95.40	340	P	P	01 14 12.8	-0.8				
B21K	Ikkipuk River	95.40	340	Iamb	Iamb	01 14 15.0					
B21K	Ikkipuk River	95.40	340	P	P	01 14 13.5	-0.1				
K17K	Ilditarod	95.40	333	P	P	01 14 13.6	-0.2				
O15K	Ungalikthiuk R	95.49	329	P	P	01 14 14.8	+0.5				
A22K	Sinclear Lake	95.83	341	P	P	01 14 15.9	+0.4				
E19K	Redstone River	95.87	337	P	P	01 14 15.7	-0.1				
H18K	Honhosa River	95.88	335	P	P	01 14 16.7	+0.7				
F19K	Shalerucik Mo	95.96	337	P	P	01 14 17.0	+0.8				
G18K	Tagagawik	96.13	336	P	P	01 14 17.1	0.0				
O14K	Tigyukauvet M	96.24	329	P	P	01 14 18.1	+0.5				
G17K	Kiwalik Mounta	96.88	335	P	P	01 14 20.5	0.0				
A19K	Wainwright	97.69	340	P	Pdf	01 14 24.9	+0.9				
ZALV	Zalesovo Beam	133.25	16	PKP	PKPdf	01 20 03.4	-1.9				
ASAR	Alice Springs	136.05	220	PKP	PKPdf	01 20 10.1	-1.5				
WRA	Warramunga Arr	138.34	225	PKP	PKPdf	01 20 15.3	-0.6				
MKAR	Makanchi Array	142.09	358	PKHP	PKPpdf	01 20 15.9	+0.3				
SONM	Songino Array	142.09	358	PKHP	PKPpre	01 20 15.9	+0.3				
KSR5	Korea Array	145.35	326	PKP	PKPbc	01 20 27.0	-0.7				
BTO	Batout	148.97	352	ePKPbc	PKPbc	01 20 37.0	-1.0				
PZH	PanZhiHua	163.21	9	PKP	PKPdf	01 20 51.6	-1.4				
CMAR	Chiang Mai Arr	169.85	32	PKP	PKPab	01 22 12.4	-0.1				

JMA 18 01:03:08.3:0.0,34:8N:0.1:135:6E:0.1, h13km, MV0.5/26, KYOTO OSAKA BORDER REG, Near south coast of western Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
JHE	Heguri	0.19	162	P	P	01 03 12.8	0.0				
JWT	Wachi	0.48	339	eS	S	01 03 15.8	+0.1				
JWT	Wachi	0.48	339	eS	S	01 03 17.9	0.0				
JWY	Kouya	0.61	182	eS	Sg	01 03 24.1	-0.2				
JKS	Kasai	0.65	284	eP	Pg	01 03 26.7	-1.7				
JKS	Kasai	0.65	284	eP	Pg	01 03 29.4	-0.2				
JKN2	Miekiokoku	0.81	137	eP	Pg	01 03 23.7	-0.2				
JWM	Minabe	1.00	192	eS	Sb	01 03 39.2	-1.5				

JMA 18 01:03:21.4:0.0,34:84N:0.0:135:6E:0.1, h12km, MV2.8/20, KYOTO OSAKA BORDER REG, Near south coast of western Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
JHE	Heguri	0.19	162	P	P	01 03 25.7	0.0				
JHE	Heguri	0.19	162	P	P	01 03 28.8	+0.2				
JWT	Wachi	0.48	339	eS	Sg	01 03 30.9	+0.1				
JWT	Wachi	0.48	339	eS	Sg	01 03 37.0	-0.2				
JWY	Kouya	0.62	182	eS	Sg	01 03 33.3	-0.2				
JKS	Kasai	0.65	283	iP	Pg	01 03 41.5	-0.2				
JKS	Kasai	0.65	283	iP	Pg	01 03 34.0	-0.2				
JKS	Kasai	0.65	283	iP	Pg	01 03 42.6	-0.2				
TSUJ	Tsu 2	0.67	101	iP	Pg	01 03 34.0	-0.5				
TSUJ	Tsu 2	0.67	101	iP	Pg	01 03 42.9	-0.4				
JAWN	Awajishima-nag	0.69	239	P	P	01 03 34.4	-0.4				

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Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
JAWN	JAWN			S	Sg	01 03 43.7	-0.1				
JKN2	Miekiokoku	0.81	138	S	Sg	01 03 46.8	-0.8				
JIE	Ise	1.00	116	S	Pb	01 03 39.5	-1.2				
JIE	Ise	1.00	116	P	Pg	01 03 39.4	-1.2				
JTNC	Tanabenahech	1.02	100	P	Pg	01 03 41.1	0.0				

RSNC 18 01:11:44.1:0.0,9°N:1:~77W:1, h47km,2km, M2.3, mb4.0, ML2.3, Panama-Colombia border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
CAPC	Capurgana	0.16	129	P	Op	01 11 50.8	-1.1				
CAPC	Capurgana	0.16	129	S	Pn	01 11 57.3	-0.1				
APAC	Apartado, Choc	1.22	133	P	S	01 12 04.4	-0.4				
PTAC	Punta Arditia	1.62	192	P	S	01 12 20.0	+1.8				
PTAC	Punta Arditia	1.62	192	P	S	01 12 20.8	-1.6				
DBBC	Dabeiba	2.12	144	P	S	01 12 28.6	-1.2				
DBBC	Dabeiba	2.12	144	P	S	01 12 28.6	-1.2				
SREK	San Jos de Ur	2.16	117	P	Pn	01 12 18.1	-1.1				
BCIP	Isla Barro Col	2.37	280	P	Pn	01 12 13.8	-3.9				
BCIP	Isla Barro Col	2.37	280	P	Pn	01 12 19.0	-1.5				
BCIP	Isla Barro Col	2.37	280	P	Pn	01 12 46.4	-1.9				
SJCC	San Jacinto, C	2.54	63	P	S	01 12 22.5	-0.5				
SJCC	San Jacinto, C	2.54	63	P	S	01 12 46.2	-6.6				
ZARC	Zaragoza, Cauc	2.88	115	P	S	01 12 58.0	-2.9				
ZARC	Zaragoza, Cauc	2.88	115	P	S	01 12 58.0	-2.9				
AZU	Azuro	2.92	251	P	Pn	01 12 27.0	-1.1				
HELK	Santa Helena	3.19	142	P	S	01 12 31.3	-0.8				
HELK	Santa Helena	3.19	142	P	S	01 13 07.7	-1.3				
COCC	Ciudad Bolivar	3.21	153	P	Pn	01 12 53.0	+0.8				
ARGC	Ariguani, Magd	3.38	71	P	P	01 12 32.3	-1.1				
ARGC	Ariguani, Magd	3.38	71	P	S	01 13 10.3	-3.0				
PTBC	PUERTO BERRIO,	3.71	126								

18d 2h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like OMEN AI SSO del Vol, ACON Acopya, JUD3 Juan Diaz, etc.

2018 JUN

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CHIV Chivirico, HBVL Hebronville, GVTX Kingsville, etc.

1030

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WVT Waverly, MNXT Cornudas Mount, TUL3 Leonard, etc.

18d 2h

2018 JUN

1032

Table with columns: TP/W, Name, Time, Status, and other details. Includes entries like Teton Pass, Extrema, Eiko, ELK, Mmammoth, etc.

Table with columns: LDAQ, Name, Time, Status, and other details. Includes entries like Lac Daran, Presque Isle, PLID, LPAZ, etc.

Table with columns: LVC, Name, Time, Status, and other details. Includes entries like Limon Verde, Limon Verde, Limon Verde, etc.

DLBC	Dease Lake	53.01 335	Iamb	Iamb	02 42 03.3
DLBC	Dease Lake	53.01 335	P	P	02 42 02.4 +1.2
DLBC	Dease Lake	53.01 335	LR	LR	03 07 42.8
S34M	Telegraph Cree	53.14 334	P	P	02 42 02.9 +0.9
B105	Punta Hualpin	53.28 162	P	P	02 42 03.1 -0.2
LDASE	Londrina, Braz	53.77 134	eP	eP	02 42 06.8 -0.4
PTGB	Pitanga	53.98 135	eP	eP	02 42 07.8 -0.9
R33M	Jennings River	54.00 336	Iamb	Iamb	02 42 59.6
R33M	Jennings River	54.00 336	P	P	02 42 09.8 +1.3
BB19B	Bebedouro	54.22 129	eP	eP	02 42 10.4 -0.1
JANB	Januarja	54.28 121	eP	eP	02 42 10.3 -0.7
NBPB	Pedra_Branca-C	54.32 108	eP	eP	02 42 09.2 -2.1
PMNB	Patos De Minas	54.38 126	eP	eP	02 42 11.5 -0.2
TGNT	Hyland Airport	54.40 339	P	P	02 42 12.6 +1.4
CRSM	Crissiumal (Br	54.58 139	eP	eP	02 42 12.5 -0.4
ITQB	Itaquí	54.59 143	eP	eP	02 42 12.8 -0.2
ITQB	Itaquí	54.59 143	eP	eP	02 42 13.1 +0.2
R32K	Eaglecrest	54.80 333	P	P	02 42 15.3 +1.2
FRTB	Fartura	54.85 132	eP	eP	02 42 15.3 +0.3
UNIS	Unistalda (Bra	55.06 142	eP	eP	02 42 16.6 +0.2
PSAL	Palomas, Saito	55.09 145	eP	eP	02 42 16.6 +0.1
P32M	Atlin	55.23 335	Iamb	Iamb	02 42 03.9
P32M	Atlin	55.23 335	P	P	02 42 17.8 +0.6
P33M	Teslin, Yukon	55.24 336	P	P	02 42 18.0 +0.7
S31K	Pelican	55.38 332	P	P	02 42 20.1 +1.9
ITAB	Concordia	55.62 138	eP	eP	02 42 20.4 0.0
RCLB	Rio Claro- Sao	55.77 130	eP	eP	02 42 21.9 +0.3
RODS	Rosario do Sul	55.82 143	eP	eP	02 42 22.2 -0.3
IVI	Ivigtut	55.98 23	Iamb	Iamb	02 42 51.5
IVI	Ivigtut	55.98 23	iP	iP	02 42 21.1 -1.4
IVI	Ivigtut	55.98 23	Iamb	Iamb	02 42 24.0
IVI	Ivigtut	55.98 23	P	P	02 42 22.2 -0.3
ALGR	Alto Alegre (B	56.13 140	eP	eP	02 42 46.6 -1.3
LRP4	Corra	56.13 164	eP	eP	02 42 22.7 -1.4
MMPY	Sheldon Lake,	56.18 339	Iamb	Iamb	02 42 24.0 +0.1
MMPY	Sheldon Lake,	56.18 339	P	P	02 42 25.4
PLBC	Pleasant Camp	56.18 339	P	P	02 42 24.7 +0.6
WHY	Whitethorse	56.23 336	P	P	02 42 25.6 +0.4
GO06	Curarehue	56.41 162	P	P	02 42 25.6 -0.4
GO06	Curarehue	56.41 162	Iamb	Iamb	02 42 53.1
DIAM	Diamantina, MG	56.46 124	eP	eP	02 42 26.6 -0.1
TBOT	Tacuaremb	56.48 144	eP	eP	02 42 27.2 -0.2
VAO	Vacinhos	56.53 130	eP	eP	02 42 26.4 +0.3
SPB	Sao Paulo	56.54 131	eP	eP	02 42 27.9 +0.8
SPB	Sao Paulo	56.54 131	eP	eP	02 42 26.6 -0.6
NUUK	Nuuk	56.67 19	iP	iP	02 42 26.4 -0.9
NUUK	Nuuk	56.67 19	Iamb	Iamb	02 42 31.1
FARO	Faro, Yukon	56.69 338	P	P	02 42 27.9 +0.3
P30M	Million Dollar	56.88 334	P	P	02 42 29.4 +0.4
O30N	Mendenhall	56.88 335	Iamb	Iamb	02 43 06.0
O30N	Mendenhall	56.88 335	P	P	02 42 29.8 +0.8
P29M	Windy Craggy	56.94 334	Iamb	Iamb	02 43 25.5
P29M	Windy Craggy	56.94 334	P	P	02 42 30.6 +1.2
CP5B	Cacapava Do Su	57.01 141	eP	eP	02 42 29.5 -0.7
NRS	Narsarsuaq	57.02 24	Iamb	Iamb	02 42 28.9 -1.0
NRS	Narsarsuaq	57.02 24	P	P	02 42 28.9 -1.0
NRS	Narsarsuaq	57.02 24	iP	iP	02 42 29.0 -0.9
BSCB	Bom Sucesso	57.04 127	eP	eP	02 42 30.8 +0.1
M31M	Drury Creek, Y	57.06 337	P	P	02 42 30.9 +0.7
PET01	Ilanhaem-SP	57.08 132	eP	eP	02 42 30.1 -0.7
N31M	Bræburn, Yuko	57.17 336	P	P	02 42 31.8 +0.8
LL04	Puerto Octay	57.38 164	Iamb	Iamb	02 42 33.8
HYT	Haines Junctio	57.49 335	P	P	02 42 34.8 +1.5
N30M	Aishihik Lake	57.67 336	P	P	02 42 34.8 +0.2
N30M	Aishihik Lake	57.67 336	PcP	PcP	02 42 26.3 -0.2
N30M	Aishihik Lake	57.67 336	P	P	02 42 35.4 +0.9
PNL	Peninsula	57.68 333	P	P	02 42 35.5 +0.9
PLCA	Paso Flores	57.75 162	P	P	02 42 35.8 +0.5
PLCA	Paso Flores	57.75 162	LR	LR	03 01 43.2
PLCA	Paso Flores	57.75 162	iP	iP	02 42 35.9 +0.5
PLCA	Paso Flores	57.75 162	eP	eP	02 42 35.8 +0.5
R3BR	Riachuelo	57.84 106	P	P	02 42 35.0 -1.5
R3BR	Riachuelo	57.84 106	Iamb	Iamb	02 42 38.9
R3BR	Riachuelo	57.84 106	P	P	02 42 35.0 -1.5
R3BR	Riachuelo	57.84 106	Pmax	Pmax	02 42 35.0 -1.5
R3BR	Riachuelo	57.84 106	P	P	02 42 35.0 -1.5
R3BR	Riachuelo	57.84 106	eP	eP	02 42 34.0 -2.5
PLTB	Pedras Altas	57.88 143	Iamb	Iamb	02 43 01.7
PLTB	Pedras Altas	57.88 143	eP	eP	02 42 36.1 -0.3
YUK6	Outpost Mounta	57.91 335	P	P	02 42 37.4 +1.0
NBLA	Lagarto - SE	58.08 113	eP	eP	02 42 37.5 -0.5
M30M	Minto, Yukon	58.19 337	P	P	02 42 38.6 +0.5
YUK4	Talbot Arm	58.24 335	P	P	02 42 40.1 +1.4
MAYO	Mayo, Yukon	58.44 338	P	P	02 42 39.0 -0.8
TRQA	Tornquist	58.53 154	P	P	02 42 40.4 -0.4
TRQA	Tornquist	58.53 154	P	P	02 42 40.4 -0.4
TRQA	Tornquist	58.53 154	Pmax	Pmax	02 42 40.4 -0.4
O28M	Mount Upton	58.58 334	P	P	02 42 42.3 +1.1
NBCA	Caruaru-PE	58.61 109	eP	eP	02 42 40.5 -1.3
YUK6	Steele Glacier	58.67 335	P	P	02 42 32.9 +1.2
SJMB	Sao Joao De Ma	58.95 123	eP	eP	02 42 42.2 0.0
M29M	Somme Creek	58.76 336	P	P	02 42 42.6 +0.4
M29M	Somme Creek	58.76 336	Iamb	Iamb	02 42 43.7
VA501	Vassouras-RJ	58.78 127	eP	eP	02 42 42.9 +0.1
GUAI0	Guaratininga, BA	58.80 120	eP	eP	02 42 42.6 -0.4
NB4N	Anadia	58.92 111	eP	eP	02 42 42.1 -1.8
SFJD	Kangerlussuaq	58.94 17	Iamb	Iamb	02 42 42.7 -0.4
SFJD	Kangerlussuaq	58.94 17	Iamb	Iamb	02 43 11.0
SFJD	Kangerlussuaq	58.94 17	LR	LR	03 09 35.9
SFJD	Kangerlussuaq	58.94 17	P	P	02 42 42.7 -0.4
SFJD	Kangerlussuaq	58.94 17	Pmax	Pmax	02 42 42.7 -0.4
L29M	L29M	58.99 337	P	P	02 42 43.3 -0.3
L29M	L29M	58.99 337	PcP	PcP	02 43 31.3 -0.4
L29M	L29M	58.99 337	Iamb	Iamb	02 43 35.7
L29M	L29M	58.99 337	P	P	02 42 44.0 +0.3
C36M	Paulatuk	59.00 347	Iamb	Iamb	02 42 48.2

C36M	Paulatuk	59.00 347	P	P	02 42 42.7 -0.8
CTG	Chitna Glacier	59.17 334	P	P	02 42 45.7 +0.6
J30M	Hart River	59.18 339	P	P	02 42 44.4 -0.6
J30M	Hart River	59.18 339	P	P	02 42 44.9 -0.2
K29M	Barlow Dome	59.18 338	P	P	02 42 44.8 -0.3
YUK3	Moose Creek	59.20 335	P	P	02 42 45.5 +0.1
H31M	Peel River	59.26 341	Iamb	Iamb	02 43 39.1
H31M	Peel River	59.26 341	P	P	02 42 45.0 -0.5
BARN	Barnard Glacier	59.35 334	Iamb	Iamb	02 43 37.7
DUB01	Friburgo-RJ	59.50 127	eP	eP	02 42 48.4 +0.6
I30M	Mount Dempster	59.58 340	Iamb	Iamb	02 43 45.9
I30M	Mount Dempster	59.58 340	P	P	02 42 47.8 0.0
RIB01	Linhares ES	59.64 123	eP	eP	02 42 48.8 0.0
DY2G	Dye2	59.91 19	iP	iP	02 42 48.7 -1.4
DY2G	Dye2	59.91 19	Iamb	Iamb	02 42 53.5
G31M	Satoh River	59.95 342	Iamb	Iamb	02 42 51.0
G31M	Satoh River	59.95 342	P	P	02 42 49.9 -0.2
DAWY	Dawson	59.99 338	P	P	02 42 50.0 -0.6
DAWY	Dawson	59.99 338	PcP	PcP	02 43 34.3 -1.3
DAWY	Dawson	59.99 338	P	P	02 42 50.0 -0.6
ALF01	Guarapari-ES	60.03 124	eP	eP	02 42 51.8 +0.4
M27K	Edge Creek, AK	60.07 335	P	P	02 42 51.5 +0.3
MCARA	McCarthy VSAT	60.09 334	Iamb	Iamb	02 43 42.5
MCARA	McCarthy VSAT	60.09 334	P	P	02 42 52.2 +1.0
F31M	Tsigehtichic	60.12 342	Iamb	Iamb	02 42 52.7
F31M	Tsigehtichic	60.12 342	P	P	02 42 51.0 -0.3
VRDI	Verde Repeater	60.20 334	P	P	02 42 52.2 0.0
VRDI	Verde Repeater	60.20 334	Iamb	Iamb	02 43 43.1
I29M	Ogilvie Camp,	60.32 339	Iamb	Iamb	02 44 23.1
I29M	Ogilvie Camp,	60.32 339	P	P	02 42 52.3 -0.4
EPYK	Eagle Plains	60.38 340	P	P	02 42 53.0 -0.1
BCAR	Beaver Creek A	60.39 336	P	P	02 42 52.9 -0.3
ABR01	Abrothlos, BA	60.39 120	eP	eP	02 42 53.1 -0.7
L27K	Beaver Creek,	60.40 336	P	P	02 42 53.7 +0.4
GLB	Gilghina Butte	60.45 334	Iamb	Iamb	02 44 14.0
RES	Resolute Bay	60.53 359	P	P	02 42 53.1 -0.8
RES	Resolute Bay	60.53 359	LR	LR	03 13 01.5
RES	Resolute Bay	60.53 359	Pmax	Pmax	02 42 53.1 -0.8
M26K	Nabesna, AK	60.55 335	Iamb	Iamb	02 43 45.1
M26K	Nabesna, AK	60.55 335	P	P	02 42 54.8 +0.4
BMRM	Bremner River	60.58 333	P	P	02 42 55.8 +1.1
G30M	Taoh Zrail Ni	60.59 341	P	P	02 42 53.8 -0.7
INK	Inuvik	60.62 343	P	P	02 42 54.1 -0.6
INK	Inuvik	60.62 343	Iamb	Iamb	02 42 55.3
INK	Inuvik	60.62 343	P	P	02 42 54.6 -0.1
INK	Inuvik	60.62 343	LR	LR	03 11 14.7
INK	Inuvik	60.62 343	Pmax	Pmax	02 42 54.1 -0.6
H29M	Whitestone	60.83 340	Iamb	Iamb	02 43 01.1
H29M	Whitestone	60.83 340	P	P	02 42 56.1 0.0
F30M	Barrier River	60.84 342	P	P	02 42 55.0 -0.1
N25K	Chitina, Valde	60.86 334	Iamb	Iamb	02 42 59.2
N25K	Chitina, Valde	60.86 334	P	P	02 42 57.0 +0.4
EYAK	Cordova Ski Ar	60.91 332	P	P	02 42 57.5 +0.8
I28M	Miner Creek	60.94 339	P	P	02 42 56.4 -0.6
K27K	Chicken	60.98 337	P	P	02 42 57.4 +0.3
L26K	Log Cabin Wild	60.99 335	P	P	02 42 56.6 -0.7
EGAK	Eagle	61.02 338	P	P	02 42 56.1 -1.3
EGAK	Eagle	61.02 338	P	P	02 42 56.8 -0.6
G29M	Pine Creek	61.12 341	P	P	02 42 57.6 -0.5
UMMG	Ummannaq	61.16 14	iP	iP	02 42 57.3 -0.9
UMMG	Ummannaq	61.16 14	Iamb	Iamb	02 42 59.3
A36M	Sachs Harbour	61.31 348	Iamb	Iamb	02 42 59.3
A36M	Sachs Harbour	61.31 348	P	P	02 42 58.4 -0.9
KLU	Klutina	61.38 333	P	P	02 43 00.3 +0.3
KLU	Klutina	61.38 333	Iamb	Iamb	02 43 02.4
KLU	Klutina	61.38 333	P	P	02 43 00.4 +0.3
NUUG	Nuugaatsiaq	61.56 13	iP	iP	02 43 00.1 -0.8
NUUG	Nuugaatsiaq	61.56 13	Iamb	Iamb	02 43 02.6
I27K	Kandik River	61.61 338	P	P	02 43 01.3 -0.3
GLK	Glacier Island	61.65 332	P	P	02 43 01.9 +0.1
SCRK	Sand Creek	61.69 336	P	P	02 43 02.1 0.0
J26L	Joseph Creek	61.78 337	Iamb	Iamb	02 43 04.9
J26L	Joseph Creek	61.78 337	P	P	02 43 03.1 +0.4
COYC	Coyhaique	61.82 165	P	P	02 43 03.2 +0.2
COYC	Coyhaique	61.82 165	P	P	02 43 03.7 +0.7
COYC	Coyhaique	61.82 165	P	P	02 43 29.3 +0.9
PAX	Paxson	61.83 335	P	P	02 43 03.0 0.0
ISOG	Isortoq, Green	61.84 22	iP	iP	02 43 01.5 -1.4
ISOG	Isortoq, Green	61.84 22	Iamb	Iamb	02 43 02.9
H27K	Steamboat Mount	61.91 339	P	P	02 43 03.4 -0.1
E29M	Blow River	61.95 342	P	P	02 43 03.4 -0.2
E29M	Blow River	61.95 342	Iamb	Iamb	02 43 05.3
E29M	Blow River	61.95 342	P	P	02 43 03.7 +0.1
I26K	Coal Creek Min	62.02 338	Iamb	Iamb	02 43 06.1
I26K	Coal Creek Min	62.02 338	P	P	02 43 03.3 -0.9
F28M	Old Crow	62.11 3			

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MLY	Manley	64.79	336	P	Iamb	02 43 21.7	-0.8
MLY	Manley	64.79	336	P	Iamb	02 43 23.3	
MLY	Manley	64.79	336	P	P	02 43 22.1	-0.4
C26K	Camden Bay	64.89	342	P	P	02 43 23.8	+0.8
P18K	Big Mountain	65.01	329	P	P	02 43 23.7	-0.3
CHUM	Lake Minchumin	65.02	335	P	P	02 43 23.6	-0.3
N19K	Bonanza Creek	65.03	331	Iamb	Iamb	02 43 25.2	
N19K	Bonanza Creek	65.03	331	P	P	02 43 23.9	-0.3
D25K	Kavik River	65.05	341	Iamb	Iamb	02 43 25.3	
D25K	Kavik River	65.05	341	P	P	02 43 24.5	+0.4
Q17K	Contact Creek	65.06	328	P	P	02 43 24.4	0.0
O18K	Koktuh Hills	65.12	330	Iamb	Iamb	02 43 26.6	
O18K	Koktuh Hills	65.12	330	P	P	02 43 23.9	-0.8
G23K	Bananza Creek	65.16	338	P	P	02 43 24.9	0.0
E24K	Your River	65.18	339	P	P	02 43 25.4	+0.4
L20K	Farewell, AK	65.24	333	P	P	02 43 24.7	-0.7
M19K	Big River	65.30	332	Iamb	Iamb	02 43 27.0	
M19K	Big River	65.30	332	P	P	02 43 25.6	-0.2
I21K	Tanana	65.33	336	P	P	02 43 25.5	-0.4
H22K	Ishlaltina Cre	65.35	337	P	P	02 43 25.6	-0.4
COLD	Coldfoot	65.43	338	P	P	02 43 27.3	+0.8
O16K	King Salmon	65.55	328	P	P	02 43 27.5	+0.1
P17K	Kvichak River	65.56	329	P	P	02 43 27.6	+0.1
L19K	White Mountain	65.59	332	P	P	02 43 27.1	-0.5
K20K	Telida	65.59	334	Iamb	Iamb	02 43 26.7	-1.0
K20K	Telida	65.59	334	P	P	02 43 27.0	-0.7
N18K	Kilae Creek	65.66	331	P	P	02 43 27.8	-0.4
SUMG	Summit	65.70	15	Iamb	Iamb	02 43 31.0	
SUMG	Summit	65.70	15	P	P	02 43 27.5	-1.2
SUMG	Summit	65.70	15	Iamb	Iamb	02 43 31.0	
SOEG	Soedalen	65.72	21	Iamb	Iamb	02 43 27.1	-1.3
SOEG	Soedalen	65.72	21	P	P	02 43 29.3	
G24K	Happy Valley	65.75	341	P	P	02 43 28.5	0.0
D22K	Bettles	65.78	338	P	P	02 43 29.0	+0.2
TOLK	Toolik Lake Re	65.78	340	Iamb	Iamb	02 43 29.8	
TOLK	Toolik Lake Re	65.78	340	P	P	02 43 28.9	0.0
H21K	Melozitna Rive	65.82	336	P	P	02 43 28.3	-0.8
M18K	Stony River	65.84	331	P	P	02 43 28.7	-0.6
J20K	Nowinta River	65.88	335	Iamb	Iamb	02 43 31.6	
J20K	Nowinta River	65.88	335	P	P	02 43 28.9	-0.6
EUNU	Eureka	65.91	1	P	P	02 43 28.9	-0.6
C24K	Franklin Bluff	65.96	341	P	P	02 43 30.1	+0.3
CHGN	Chignik	65.98	326	P	P	02 43 30.0	-0.2
O17K	Koliganek Bris	66.02	329	P	P	02 43 30.2	-0.2
PPT	Papeete	66.14	243	LR	LR	03 03 28.9	
PPT2	Papeete2	66.15	243	eP	P	02 43 36.4	+0.4
PPT2	Papeete2	66.15	243	ePP	PP	02 45 58.1	-1.0
PPT2	Papeete2	66.15	243	eS	S	02 52 08.2	-4.8
PPT2	Papeete2	66.15	243	eSS	SS	02 56 30.7	-0.3
PPT2	Papeete2	66.15	243	eLQ	LQ	03 00 42.6	
PPT2	Papeete2	66.15	243	eLR	LR	03 03 22.2	
PPT2	Papeete2	66.15	243	eLR	LR	03 03 23.1	
I20K	Naaghedeneel	66.21	335	P	P	02 43 31.1	-0.4
F22K	John River	66.24	338	P	P	02 43 32.4	+0.6
N17K	Nushagak Hills	66.24	330	P	P	02 43 31.8	-0.1
D23K	Nanushuk River	66.28	340	P	P	02 43 32.6	+0.7
NEEM	North Greenlan	66.34	9	Iamb	Iamb	02 43 31.7	-0.9
NEEM	North Greenlan	66.34	9	Iamb	Iamb	02 43 34.5	
E22K	Anaktuvuk Pass	66.34	339	P	P	02 43 32.5	+0.1
G21K	Allakaket	66.38	337	Iamb	Iamb	02 43 34.0	
G21K	Allakaket	66.38	337	P	P	02 43 32.5	-0.2
L18K	Granite Mounta	66.43	332	P	P	02 43 32.4	-0.6
J19K	Poorman	66.44	334	P	P	02 43 32.1	-0.9
O16K	Kokwok River B	66.48	329	Iamb	Iamb	02 44 24.1	
O16K	Kokwok River B	66.48	329	P	P	02 43 32.8	-0.5
M17K	Hollita River	66.57	331	P	P	02 43 33.4	-0.5
H20K	Antoleneega Mo	66.58	336	P	P	02 43 33.1	-0.8
S14K	Fog Glacier	66.61	325	P	P	02 43 33.9	-0.5
C23K	Itkillik River	66.61	341	Iamb	Iamb	02 43 35.0	
C23K	Itkillik River	66.61	341	P	P	02 43 34.5	+0.5
F21K	Alatina River	66.61	338	Iamb	Iamb	02 43 35.6	
F21K	Alatina River	66.61	338	P	P	02 43 34.8	+0.6
J18K	Innoko River	66.76	333	P	P	02 43 34.6	-0.5
D22K	Aiyiyak River	66.92	340	Iamb	Iamb	02 43 37.5	
D22K	Aiyiyak River	66.92	340	P	P	02 43 36.3	+0.2
N16K	Nishlik Lake	67.00	330	P	P	02 43 36.6	-0.1
XMAS	Kiritimati	67.01	266	P	P	02 43 38.8	+1.3
XMAS	Kiritimati	67.01	266	P	P	02 43 37.5	+0.1
XMAS	Kiritimati	67.01	266	P	P	02 43 38.3	+0.8
XMAS	Kiritimati	67.01	266	P	P	02 44 03.0	-0.3
L17K	Donlin	67.14	332	P	P	02 43 36.9	-0.6
M16K	Timber Creek	67.20	331	Iamb	Iamb	02 44 28.0	
M16K	Timber Creek	67.20	331	P	P	02 43 38.0	0.0
E21K	Killik River	67.20	339	Iamb	Iamb	02 43 39.2	
E21K	Killik River	67.20	339	P	P	02 43 37.8	-0.1
H17K	Roundabout Mou	67.22	336	P	P	02 43 37.1	-0.8
K19K	Iditarod	67.28	332	P	P	02 43 37.5	-0.9
F20K	Avaarakt Lake	67.39	337	P	P	02 43 39.1	+0.1

L16K	Owahat River	67.59	331	P	P	02 43 40.3	0.0
G19K	Purcell Mounta	67.64	336	P	P	02 43 40.5	-0.2
B22K	Teshekpuk Lake	67.69	341	Iamb	Iamb	02 43 40.3	-0.6
B22K	Teshekpuk Lake	67.69	341	P	P	02 43 40.8	-0.1
C21K	Knifeflade Rid	67.72	340	P	P	02 43 41.2	+0.1
J17K	VABM Dome	67.78	333	P	P	02 43 40.6	-0.9
B21K	Ikpikuk River	67.83	340	P	P	02 43 41.5	-0.2
H18K	Honhosa River	67.89	335	P	P	02 43 42.3	0.0
S12K	Black Hills	67.92	325	P	P	02 43 42.6	0.0
E20K	Nigu River	67.92	339	P	P	02 43 42.9	+0.4
E19K	Redstone River	68.07	338	Iamb	Iamb	02 43 45.1	
E19K	Redstone River	68.07	338	P	P	02 43 42.9	-0.4
F19K	Shalercuk Mo	68.10	337	P	P	02 43 43.1	-0.3
G18K	Tagawik	68.20	336	Iamb	Iamb	02 44 35.9	
G18K	Tagawik	68.20	336	P	P	02 43 44.3	+0.2
D20K	Etvukuk River	68.21	339	P	P	02 43 44.3	+0.1
N14K	Kuskokwak Cree	68.33	329	P	P	02 43 44.7	-0.3
A22K	Sinclair Lake	68.41	341	P	P	02 43 45.5	+0.2
J16K	Anvik River	68.42	333	Iamb	Iamb	02 43 47.5	
J16K	Anvik River	68.42	333	P	P	02 43 46.0	+0.5
BORG	Borgarnes	68.47	26	LR	LR	03 13 22.1	
BORG	Borgarnes	68.47	26	P	P	02 43 45.9	+0.2
BORG	Borgarnes	68.47	26	P	P	02 44 10.9	+0.5
H17K	Granite Mounta	68.48	335	P	P	02 43 46.1	+0.2
L15K	Ungalak Mounta	68.53	331	P	P	02 43 46.3	+0.1
TBI	Tubuait	68.55	238	ePKP1	P	02 46 50.5	+3.5
TBI	Tubuait	68.55	238	ePP	PP	02 43 13.7	-6.1
TBI	Tubuait	68.55	238	eS	S	02 52 40.7	-0.8
TBI	Tubuait	68.55	238	eSS	SS	02 57 10.2	+2.3
TBI	Tubuait	68.55	238	eLR	LR	03 04 36.8	
TBI	Tubuait	68.55	238	eLR	LR	03 04 37.9	
I17K	Unalakleet	68.59	333	Iamb	Iamb	02 44 37.5	
I17K	Unalakleet	68.59	333	P	P	02 43 47.1	+0.5
FALS	False Pass	68.59	324	P	P	02 43 47.4	+0.7
FALS	False Pass	68.59	324	P	P	02 43 46.8	+0.1
M14K	Bethel	68.59	330	Iamb	Iamb	02 44 37.0	
M14K	Bethel	68.59	330	P	P	02 43 47.1	+0.5
K15K	Wolf Creek Mou	68.66	332	Iamb	Iamb	02 43 49.0	
K15K	Wolf Creek Mou	68.66	332	P	P	02 43 47.6	+0.6
D19K	Kuna River	68.68	339	Iamb	Iamb	02 43 46.5	-0.6
D19K	Kuna River	68.68	339	P	P	02 43 46.9	-0.2
F18K	Selawik	68.76	336	P	P	02 43 47.5	-0.1
B20K	Meade River	68.79	340	Iamb	Iamb	02 43 49.4	
B20K	Meade River	68.79	340	P	P	02 43 48.0	+0.3
A21K	Barrow	69.02	342	P	P	02 43 49.0	-0.1
L14K	Kuka Creek	69.03	331	P	P	02 43 49.2	-0.2
M13K	Dall Lake	69.22	330	P	P	02 43 50.7	+0.2
ALE	Alert	69.28	4	P	P	02 43 49.4	-1.2
ALE	Alert	69.28	4	P	P	02 44 13.2	-0.3
ALE	Alert	69.28	4	P	P	02 44 15.6	-1.5
ALE	Alert	69.28	4	P	P	02 44 24.6	-4.0
E18K	Tukpahleark C	69.31	337	P	P	02 43 50.4	-0.6
F17K	Baldwin Pennin	69.35	336	P	P	02 43 50.5	-0.7
C19K	Lookout Ridge	69.36	339	P	P	02 43 51.7	+0.4
H16K	Elim	69.39	334	P	P	02 43 51.8	+0.2
G16K	Koyuk River	69.58	335	P	P	02 43 52.9	+0.2
SCO	Scoresbysund	69.64	20	Iamb	Iamb	02 43 51.5	-1.4
SCO	Scoresbysund	69.64	20	Iamb	Iamb	02 43 53.6	
J14K	Nanvaranak Lak	69.66	332	Iamb	Iamb	02 43 55.3	
J14K	Nanvaranak Lak	69.66	332	P	P	02 43 53.8	+0.7
E17K	Hotham Inlet	69.71	337	P	P	02 43 53.1	-0.3
C18K	Utukok River	69.81	338	P	P	02 43 53.4	-0.7
C18K	Utukok River	69.81	338	P	P	02 43 53.6	-0.5
K13K	Kusiluyk Mount	69.83	331	P	P	02 43 55.3	-0.3
A19K	Wainwright	70.13	340	P	P	02 43 56.3	+0.3
B18K	Kokolik River	70.18	339	P	P	02 43 56.7	+0.4
G15K	Niukluk	70.22	334	P	P	02 43 56.3	-0.2
D17K	Noatak River	70.30	337	P	P	02 43 55.8	-1.3
RDOG	Red Dog Mine	70.31	338	P	P	02 43 56.7	-0.4
UNV	Unalaska Valle	70.32	322	P	P	02 43 58.6	+1.2
UNV	Unalaska Valle	70.32	322	P	P	02 43 57.4	+0.1
C17K	DeLong Mountai	70.49	338	P	P	02 43 58.1	-0.1
F15K	North Star Dir	70.58	335	P	P	02 43 58.5	-0.2
DBG	Daneborg	71.16	16	Iamb	Iamb	02 44 00.9	-1.2
DBG	Daneborg	71.16	16	Iamb	Iamb	02 44 03.0	
F14K	Arctic Creek	71.24	335	P	P	02 44 01.6	-1.2
C16K	Lisburne Hills	71.24	338	P	P	02 44 01.5	-1.2
NIKH	Nikolski High	71.70	321	P	P	02 44 04.6	-1.1
DAG	Danmarks Havn	72.17	13	Iamb	Iamb	02 44 06.4	-1.7
DAG	Danmarks Havn	72.17	13	Iamb	Iamb	02 44 08.4	
NOR	Nord	73.71	8	Iamb	Iamb	02 44 15.6	-1.7

Table with columns: Station Name, Azimuth, Elevation, Frequency, Modulation, Signal-to-Noise Ratio, and other technical details. Includes stations like TNSS, KDJ, UZB, KPXS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, Signal-to-Noise Ratio, and other technical details. Includes stations like KAPS, MKK31, TIR, ATH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, Signal-to-Noise Ratio, and other technical details. Includes stations like AFAD, GVD, TMBK, etc.

18d 4h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H03N3 Juan Fernandez, H03N2 Juan Fernandez, NVAR Mina Array Bea, etc.

NEIC 18 03:50:18.7±1.0, 19°41'N; 152°00:08±0.008; h5km, 1km, Error ellipse: s-maj=2.4km s-min=1.3km az=163.0

HVO 18 03:50:18.4±0.9, 19°41'N; 152°00:09±0.009; h1km, 2km, ML3.1/31, ML2.5/30 (NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=166.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BYL Byron's Ledge, HATHI Halema'uma'u T, SBLHI Steaming Bluff, etc.

18 03:57:01.4±2.2, 8.49S; 129°14'E, h0km, mb3.4/1, mbtmp3.4/3, ML3.6/2, Error ellipse: s-maj=98.5km s-min=33.5km az=66.0, Timor Sea

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

18 03:58:54.6±2.1, 30°14'S; 112°45'W, h0km, mb3.7/6, mbtmp3.7/6, MS4.0/17, Error ellipse: s-maj=72.2km s-min=27.5km az=44.0

GCMT 18 03:59:02.0±0.3, 30°05'S; 112°04'W; 0.02, h20km, 1km, MW5.0/94, Moment Tensor Solution, s30,c32; s94,c120; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=1.55±.18; Ms=0.96±.16; Mn=0.27±.26; Mm=3.05±.12; Mv=1.80±.35; Best double couple: M=3.79300; 10^16

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, LPIG La Paz, TXAR Lajitas Array, etc.

18 04:01:22.6±2.8, 54°15'N; 86°31'E, h0km, mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=20.2km s-min=12.4km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalevovo Beam, ZALV Zalevovo Beam, etc.

18 04:14:12.3±0.7, 6°20'N; 82°59'W, h0km, mb4.0/12, mbtmp4.1/17, ML3.9/5, MS3.8/22, Error ellipse: s-maj=29.1km s-min=13.2km az=57.0

UPA 18 04:14:13.9±1.2, 6°38'N; 82°58'W, h1km, 12km, MW5.2, NEIC 18 04:14:15.0±1.8, 6°27'N; 0°06'82.59'W; 0.08, h10km, 1km, mb4.5/166, Mw1.6/18, Error ellipse: s-maj=144.0km s-min=9.8km az=241.0, Moment Tensor Solution

RSNC 18 04:14:14.4±0.4, 6°N; 2°8'3'W; h0km, M4.7, mb5.2, mb5.1, ML3.9, Mw(mB)4.6, Mw(mP)4.8, Mw(mS)5.1

NEIC 18 04:14:15.6±3.1, 6°31'N; 82°58'W, h10km, CATAC 18 04:14:15.0±0.6, 6°35'N; 82°63'W, h10km, MB5.8, ML5.1, UCR 18 04:14:15.6±1.5, 6°39'N; 82°64'W, h10km, MW4.5, GCMT 18 04:14:18.0±0.3, 6°19'N; 0°01'82.62'W; 0.02, h20km, 1km, MW4.9/97, Moment Tensor Solution, s18,c20; s97,c130; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=1.5±.11; Ms=0.3±.08; Mn=0.14±.11; Mv=0.53±.18; Mm=2.3±.09; Mv=0.01±.17; Best double couple: M=2.45700; 10^16

SNET 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PTPM Petroterminale, GMAL Guarumal, GMAL Guarumal, etc.

CDITO comp=Z,7um,1.0s i/s Sn 04 14 51.7 -2.5 PTJ1 Puerto Jimenez 2.39 343 eP Sn 04 14 51.5 -1.8 PTJ1 Puerto Jimenez 2.39 343 iP Sn 04 14 51.6 -1.7 PTJ1 Puerto Jimenez 2.39 343 iS Sn 04 15 20.5 -1.9 PTJ1 Puerto Jimenez 2.39 343 iS IAML Sn 04 15 27.1

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JIME Puerto Jimenez, JIME Puerto Jimenez, FITO Gofitio, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CN12 El Empalme, CN12 Penonome, PNME Penonome, etc.

18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalevovo Beam, ZALV Zalevovo Beam, etc.

18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

NEIC 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

NEIC 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ITAL Pital, CHPO Chepo, CHPO Chepo, etc.

18 04:14:23.8±0.6, 7°10'N; 82°36'W, h87km, 466km, ML5.1, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635, 18 04:14:23.8±0.6, 7°10'N; 82°36'W, h14km, m635

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JAPAN AI SSO del Vol, JAPAN AI SSO del Vol, JAPAN AI SSO del Vol, etc.

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18d 4h

GLA	baz=164	40.10 336	P	P	04 21 53.0 +0.8
N23A	baz=125	40.33 332	P	P	04 21 53.2 +1.1
U15A	baz=143	40.05 322	Iamb	Iamb	04 22 05.5
BDFB	baz=14m, 1.5s	40.58 123	P	P	04 21 53.0 -1.2
HMU	baz=2, 15nm, 0.8s, baz=264, slow=11, SNR=6.3	40.60 325	P	P	04 21 54.9 +0.5
CPUP	baz=14	40.61 144	LR	LR	04 21 56.0 +1.1
W13A	baz=2, 3.8nm, 0.8s, baz=322, slow=37	40.67 319	P	P	04 21 56.1 +1.1
SWSC	baz=124	40.71 315	P	P	04 21 56.5 +0.9
IKP	baz=123	40.77 315	P	P	04 21 56.5 +0.2
O20A	baz=14	40.85 330	P	Iamb	04 21 57.9 +1.6
O20A	comp=Z, 8.4nm, 1.1s	40.85 330	P	P	04 21 57.2 +0.8
O20A	baz=125	40.87 316	P	P	04 21 59.5 +0.3
BC3	baz=125	41.18 323	P	Iamb	04 22 05.7
PKCU	comp=Z, 1.6nm, 1.2s	41.18 323	P	Iamb	04 21 59.5 +0.3
PKCU	baz=123	41.18 323	P	Iamb	04 22 05.7
F33A	comp=Z, 8.9nm, 1.3s	41.21 322	P	Iamb	04 22 00.3 +1.0
KNB	comp=Z, 7.0nm, 1.0s	41.29 165	P	P	04 21 59.7 -0.2
KNB	baz=122	41.30 327	P	P	04 22 00.8 +0.8
MT09	comp=Z, 9.6nm, 0.9s	41.30 327	P	Iamb	04 22 06.1
SRU	baz=124	41.44 316	P	P	04 22 02.3 +1.1
BELC	baz=124	41.51 324	P	P	04 22 01.3 -0.6
MTPU	baz=124	41.51 316	P	P	04 22 02.4 +0.8
PMD	baz=123	41.52 327	P	P	04 22 03.0 +1.0
P16A	baz=123	41.53 317	P	P	04 22 02.7 +0.8
TFPO	comp=Z, 1.4nm, 1.2s	41.54 332	P	Iamb	04 22 02.6 +0.6
RWWY	baz=123	41.54 315	P	P	04 22 03.0 +1.0
RWWY	baz=123	41.54 315	LR	LR	04 37 45.0
PFO	comp=Z, 1.9nm, 1.9s, baz=132, slow=34	41.55 164	P	Iamb	04 22 03.4 +1.2
LMEL	comp=Z, 1.7nm, 1.2s	41.59 165	P	Iamb	04 22 02.7 +0.5
LMEL	baz=122	41.61 314	P	P	04 22 03.6 +1.3
BO04	comp=Z, 1.6nm, 1.4s	41.62 326	eP	P	04 22 02.1 -0.6
BO04	baz=122	41.66 318	P	P	04 22 04.1 +1.1
109C	comp=Z, 7.7nm, 1.1s	41.68 319	P	Iamb	04 22 02.6 -0.4
IPMB	comp=Z, 9.7nm, 0.9s	41.82 325	P	P	04 22 04.7 +0.4
GMRC	comp=Z, 9.7nm, 0.9s	41.83 324	P	Iamb	04 22 05.6 +1.1
V12A	comp=Z, 7.7nm, 1.1s	41.82 325	P	P	04 22 04.7 +0.4
V12A	baz=125	41.83 324	P	Iamb	04 22 10.5
MSU	comp=Z, 7.7nm, 1.1s	41.88 323	P	P	04 22 05.4 +0.6
MSU	baz=123	41.98 333	P	P	04 22 06.7 +1.2
RVN	comp=Z, 2.93nm, 21.5s, baz=9.5, slow=30	42.06 217	LR	LR	04 34 55.9
RSSD	comp=Z, 2.93nm, 21.5s, baz=9.5, slow=30	42.15 337	P	P	04 22 06.6 -0.3
RSSD	baz=124	42.15 337	P	P	04 22 08.3 +1.3
TUQ	comp=Z, 1.1nm, 1.0s	42.21 318	P	P	04 22 08.5 +1.0
SHPR	comp=Z, 1.1nm, 1.0s	42.21 318	P	P	04 22 09.5 +0.9
LMQ	comp=Z, 1.1nm, 1.0s	42.29 12	P	P	04 22 09.1 -0.3
MPFU	comp=Z, 1.1nm, 1.0s	42.25 327	P	P	04 22 10.2 -0.0
SHOC	comp=Z, 1.1nm, 1.0s	42.27 318	P	P	04 22 12.8 +1.4
GSC	comp=Z, 1.1nm, 1.0s	42.72 317	P	P	04 22 12.2 -0.2
PGUT	comp=Z, 1.1nm, 1.0s	42.72 317	P	P	04 22 13.3 +0.9
CTU	comp=Z, 1.1nm, 1.0s	42.79 327	P	P	04 22 15.9 +0.9
GWY	comp=Z, 1.1nm, 1.0s	43.14 318	P	P	04 22 16.2 +0.6
TCUT	comp=Z, 1.1nm, 1.0s	43.20 328	P	Iamb	04 22 27.1
DUG	comp=Z, 7.7nm, 1.1s, baz=133	43.32 326	P	P	04 22 18.4 +2.0
SPR3	comp=Z, 7.7nm, 1.1s	43.40 323	P	P	04 22 17.4 +0.1
AGMN	comp=Z, 7.7nm, 1.1s	43.41 347	P	P	04 22 17.2 +0.5
S11A	comp=Z, 10nm, 1.2s	43.41 321	P	Iamb	04 22 18.3 +1.2
S11A	baz=120	43.41 321	P	Iamb	04 22 43.0
JANB	comp=Z, 10nm, 1.2s	43.46 119	eP	P	04 22 17.6 -0.1
WCT	comp=Z, 10nm, 1.2s	43.46 319	P	P	04 22 18.1 +0.6
WCT	baz=120	43.46 319	P	Iamb	04 22 23.8
PDAR	comp=Z, 10nm, 1.4s	43.48 331	P	P	04 22 17.9 +0.1
PDAR	comp=Z, 10nm, 1.4s	43.48 331	P	P	04 22 17.7 -0.1
PDAR	comp=Z, 0.8nm, 0.6s, baz=134, slow=8.5, SNR=12	43.49 327	P	PcP	04 24 05.4 -0.4
MPMC	comp=Z, 0.2nm, 0.4s, baz=160, slow=2.9, SNR=3.1	43.61 318	P	P	04 22 19.2 +0.4
MPMC	baz=121	43.61 318	P	P	04 22 24.2
HWUT	comp=Z, 1.1nm, 0.9s	43.64 328	P	P	04 22 19.4 +0.4
HWUT	baz=121	43.64 328	P	Iamb	04 22 24.2
Q12A	comp=Z, 1.1nm, 1.2s	43.72 323	P	P	04 22 21.3 +1.6
Q12A	baz=121	43.72 323	P	Iamb	04 22 36.8
R11B	comp=Z, 1.1nm, 1.2s	43.74 322	P	P	04 22 21.0 +1.1
R11B	baz=121	43.74 322	P	P	04 22 21.0 +1.1
MDND	comp=Z, 1.1nm, 1.2s	43.93 344	P	P	04 22 19.6 -1.4
MDND	baz=121	43.93 344	P	P	04 22 21.3 +0.3
SCV2	comp=Z, 1.1nm, 1.2s	43.99 314	P	P	04 22 21.8 0.0
ARVZ	comp=Z, 1.1nm, 1.2s	44.01 316	P	P	04 22 22.5 +0.6
ISA	comp=Z, 1.1nm, 1.2s	44.05 317	P	P	04 22 23.1 +0.8
GRAC	comp=Z, 1.1nm, 1.2s	44.06 319	P	P	04 22 23.5 +1.1
PSAL	comp=Z, 1.1nm, 1.2s	44.14 149	eP	P	04 22 23.3 +0.4
CWC	comp=Z, 1.1nm, 1.2s	44.22 318	P	P	04 22 23.8 +0.1
VES	comp=Z, 1.1nm, 1.2s	44.57 317	P	P	04 22 26.7 +0.4
PKM	comp=Z, 1.1nm, 1.2s	44.57 315	P	P	04 22 26.8 +0.2
SNOW	comp=Z, 1.1nm, 1.2s	44.58 331	Iamb	Iamb	04 22 32.5
LOHW	comp=Z, 1.1nm, 1.2s	44.62 331	Iamb	Iamb	04 22 29.4
TPAW	comp=Z, 1.1nm, 1.2s	44.70 331	Iamb	Iamb	04 22 34.3
MOOV	comp=Z, 1.1nm, 1.2s	44.79 331	P	P	04 22 28.7 +0.5
FLWY	comp=Z, 1.1nm, 1.2s	45.02 331	Iamb	Iamb	04 22 36.8
LAO	comp=Z, 1.1nm, 1.2s	45.14 337	P	P	04 22 32.0 +1.2
RLMT	comp=Z, 1.1nm, 1.2s	45.15 333	Iamb	Iamb	04 22 35.8
RLMT	baz=121	45.15 333	P	P	04 22 31.7 +0.6
H17A	comp=Z, 1.1nm, 1.2s	45.20 332	P	P	04 22 32.1 +0.6
ULM	comp=Z, 1.1nm, 1.2s	45.26 348	Iamb	Iamb	04 22 38.7
ULM	comp=Z, 1.1nm, 1.2s	45.26 348	P	P	04 22 29.4 -2.2
NV11	comp=Z, 1.1nm, 1.2s	45.41 320	Iamb	Iamb	04 22 38.6
NVAR	comp=Z, 1.1nm, 1.2s	45.50 320	P	P	04 22 34.4 +0.5

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NVAR	comp=Z, 4.3nm, 1.0s, baz=131, slow=7.0, SNR=12	45.50 320	P	P	04 22 34.9 +0.9
NVAR	comp=Z, 4.3nm, 1.0s	45.55 319	PcP	PcP	04 24 12.3 -0.5
MDPB	comp=Z, 0.3nm, 0.5s, baz=140, slow=5.8, SNR=1.3	45.55 319	Iamb	Iamb	04 22 40.5
KVN	comp=Z, 6.4nm, 1.1s	45.73 321	Iamb	Iamb	04 22 41.2
WAKR	comp=Z, 5.6nm, 1.3s	46.27 319	P	P	04 22 41.2 +1.2
WAKR	comp=Z, 6.3nm, 1.2s	46.51 328	P	Iamb	04 22 53.8
HLID	comp=Z, 6.3nm, 1.2s	46.51 328	P	P	04 22 42.9 +1.1
BOZ	comp=Z, 138, SNR=14	46.59 332	P	P	04 22 42.9 +0.5
MFID	comp=Z, 3.7nm, 1.1s	47.16 327	Iamb	Iamb	04 22 52.2
EGMT	comp=Z, 4.0nm, 1.1s, baz=331, slow=8.6, SNR=3.4	47.64 336	P	Iamb	04 22 50.1 -0.3
EGMT	comp=Z, 4.7nm, 0.9s	47.64 336	P	Iamb	04 22 51.8
EGMT	comp=Z, 4.7nm, 0.9s	47.64 336	P	P	04 22 52.0 +1.6
PLCA	comp=Z, 4.0nm, 1.1s, baz=331, slow=8.6, SNR=3.4	48.03 168	P	P	04 22 52.6 -1.0
ORV	comp=Z, 4.0nm, 1.1s	48.19 319	P	P	04 22 56.2 +1.4
PLID	comp=Z, 4.0nm, 1.1s	48.38 329	P	P	04 22 55.2 +0.4
MSO	comp=Z, 5.4nm, 1.1s	48.59 332	Iamb	Iamb	04 23 02.6
MSO	comp=Z, 4.1nm, 1.1s	48.59 332	P	P	04 22 59.3 +1.5
107A	comp=Z, 7.1nm, 1.3s	49.62 325	Iamb	Iamb	04 23 15.7
SCHO	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	50.09 12	P	P	04 23 08.5 -0.6
SCHO	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	50.09 12	LR	LR	04 47 13.5
E09A	comp=Z, 34nm, 19.5s, baz=220, slow=40	50.45 329	P	P	04 23 12.3 +0.4
NEW	comp=Z, 108nm, 21.0s, baz=199, slow=36	51.12 331	P	P	04 23 18.5 +1.5
FRB	comp=Z, 34nm, 19.5s, baz=220, slow=40	58.30 7	LR	LR	04 48 51.1
YKA	comp=Z, 1.9nm, 1.1s, baz=138, slow=7.4, SNR=7.5	60.85 344	P	P	04 24 25.6 -0.7
TOAD	comp=Z, 7.1nm, 1.3s	61.81 336	P	P	04 24 34.1 +1.1
DLBC	comp=Z, 7.1nm, 1.3s	63.54 334	P	P	04 24 45.6 +1.1
SIT	comp=Z, 119	65.20 331	P	P	04 24 56.7 +1.4
FARO	comp=Z, 119	67.04 337	P	P	04 25 08.6 +1.5
M30M	comp=Z, 57nm, 18.8s, baz=46, slow=36	68.59 336	P	P	04 25 18.4 +1.5
YUKA	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	68.76 335	P	P	04 25 19.0 +0.8
RES	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	68.77 357	LR	LR	04 55 15.2
M29M	comp=Z, 57nm, 18.8s, baz=46, slow=36	69.20 336	P	P	04 25 21.8 +1.0
H31M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.39 340	P	P	04 25 22.8 +1.0
L29M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.39 336	P	P	04 25 22.6 +0.7
K29M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.51 337	P	P	04 25 23.6 +0.9
YUK3	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.73 335	P	P	04 25 24.8 +0.6
130M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.79 339	Iamb	Iamb	04 25 26.2
130M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.79 339	P	P	04 25 25.0 +0.6
G31M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.98 341	P	P	04 25 26.0 +0.6
G31M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	69.98 341	P	P	04 25 26.8 +1.4
F31M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.11 341	P	P	04 25 27.3 +1.2
DAWY	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.34 337	P	P	04 25 28.4 +0.7
INK	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.54 342	P	Iamb	04 25 29.3 +0.6
INK	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.54 342	P	Iamb	04 25 30.3
INK	comp=Z, 4.3nm, 0.8s	70.54 342	P	P	04 25 29.6 +0.9
I29M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.56 338	P	P	04 25 30.3 +1.3
A36M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.73 347	P	P	04 25 30.1 +0.3
BCAR	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.85 336	P	P	04 25 31.1 +0.3
F30M	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.86 341	P	P	04 25 31.4 +0.7
L27K	comp=Z, 6.8nm, 1.1s, baz=138, slow=9.1, SNR=5.8	70.87 336	P	P	04

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNA, QSPA, QSPA, HHC, HHC, NJ2, ASAR, WRA, PZH.

NAO 18 04:17:03.0, 2.0, 76.72N, 6.97E, ML2.4
BER 18 04:17:05.9, 3.2, 76.66N, 7.31E, h10km, mb(Pn)3.7,
ML2.4(NAO), Confirmed Earthquake
DNK 18 04:17:09.1, 3.9, 76.94N, 7.12E, h35km, 39km, ML1.4
KOLA 18 04:17:11.3, 76.99N, 9.38E, h0km, ML1.9, Error ellipse:
s-maj=22.6km s-min=1.1km az=40.0, Greenland sea
ISC 18 04:17:01.3, 0.8, 76.68N, 0.05, 7.05E, 0.04, h10km, n28,
c=252/54, Svalbard region

Main table for 1041 section, listing seismic stations and their data. Includes stations like HSPB, BRBA, KINGSBAY, SPA0, SPITSBERGEN AR, HOPEN, DANMARKS HAVN, DAG, NOR, DBG, ARAO, SUMG, NEEM, NOU, WEL, MATW, NLMS, NNZ, MOTS, TKNZ, BSKW, NIWZ, TUWZ, CMWZ, QNZ, QNZ.

NOU 18 04:22:00.7, 41.59S, 173.20E, h67km, MLv3.9/11, South Island, New Zealand
WEL 18 04:22:01.2, 0.8, 40.3E, 17.3E, h59km, 7km, M3.3/9,
ML3.6/9, MLv3.3/9, Error ellipse: s-maj=0.0km
s-min=0.0km az=177.2, confirmed
ISC 18 04:22:00.4, 1.3, 41.58S, 0.03, 173.10E, 0.03, h78km, 7km,
n99, c113/112, South Island

Table for 1041 section, listing seismic stations and their data. Includes stations like KLDS, WFFS, THZ, MRNZ, MFRNZ, MATW, NLMS, NNZ, NIWZ, MOTS, TKNZ, BSKW, NIWZ, TUWZ, CMWZ, QNZ, QNZ.

Main table for 1041 section, listing seismic stations and their data. Includes stations like KHZ, KHZ, TCW, DSZ, DSWZ, DSWZ, SNZO, WEL, BHW, LTZ, Greta, CAW, PLWZ, MSWZ, AMWZ, INZ, PAWZ, MTW, OXZ, HOWZ, TRWZ, HNZ, OKCZ, MQZ, TMWZ, NMEZ, TWZ, AKCZ, WVZ, WAZ, POWZ, PRWZ, NBEZ, KHEZ, KHEZ, PRWZ, NHZ, PKZ, DREZ, WACZ, BRZ, RFBZ, RFBZ, RFBZ, TSZ, DVHZ, MHZ, GCSZ, ARWZ, VRZ, PNHZ, WNVZ, MOVZ, WHVZ, FWVZ, PRHZ, BHZ, NNVZ, FQZ, WTVZ, ETVZ, KRHZ, TMVZ, TMZ, HIZ, HIZ, KAHZ, LBZ, BKZ, TLZ, ODZ, ODZ, JDCZ, JCCZ, RTZ, TOZ, KMRZ, WKZ, AWAZ, MWZ, MKAZ, FSKZ, TUZ, KUZ.

IDC 18 04:52:20.5, 1.5, 176S, 174.66W, h0km, mb4.0/9,
mbTmP4.0/9, Error ellipse: s-maj=37.2km s-min=21.1km
az=142.0
NEIC 18 04:52:15.1, 1.2, 15.9S, 0.1, 174.94W, 0.05, h249km, 8km,
mb4.2/26, Error ellipse: s-maj=17.0km s-min=6.0km
az=187.0
ISC 18 04:52:53.1, 0.6, 15.9S, 0.1, 174.8W, 0.1, h278km, n43,
c112/45, mb4.1/22, Tonga Islands

Main table for 1041 section, listing seismic stations and their data. Includes stations like AFI, NIUE, COEN, BBOO, WR0, WB0, WB2, WRB, WRAB, WRA, WRA, WRA, AS31, ASAR, ASAR, ASAR, ASAR, PETK, PETK, QSPA, QSPA, YBH, HUMO, HUMO, KRSR, NVAR, K15K, L18K, L18K, J16K, J16K, J17K, J17K, J18K, J18K.

Table for 18d 5h section, listing seismic stations and their data. Includes stations like J20K, J20K, VHRN, TXAR, ILAR, ILAR, J25K, J25K, F19K, F19K, PDAR, PDAR, G21K, F20K, F20K, E19K, E19K, F21K, ARCES, BRTR, GERES.

NEIC 18 04:54:02.7, 0.9, 19.38N, 0.007, 155.271W, 0.009,
h5km, 1km, Error ellipse: s-maj=2.5km s-min=1.6km
az=357.0
HVO 18 04:52:07.0, 0.7, 19.38N, 0.008, 155.278W, 0.006,
h0km, 3km, ML3.0/17, ML1.7/27(NEIC), Error ellipse:
s-maj=1.1km s-min=0.7km az=184.0, Hawaiian Islands

Main table for 18d 5h section, listing seismic stations and their data. Includes stations like RIM, KKO, SDHH, WRMH, BYL, BYL, OBL, UWB, UWE, HATHI, HATHI, SBLH, PUH, RSD, RSD, HLP, HLP, KNHH, STCH, STCH, STCH, MLH, MLH, MLH, NPOC, HMH, HMH, MWH, MLOA, HUH.

IDC 18 05:49.7, 1.9, 13.51N, 143.59E, h0km, mb3.5/4,
mbTmP3.5/4, Error ellipse: s-maj=308.7km
s-min=26.4km az=109.0, South of Mariana Islands
ISC

Table for 18d 5h section, listing seismic stations and their data. Includes stations like WRA, ASAR, ILAR, YKA.

NNC 18 05:09:20.1, 11.0, 51.81N, 82.43E, h0km, mb3.1, mv2.7,
Error ellipse: s-maj=122.5km s-min=50.4km az=10.0,
Suspected Mining explosion.
ISC 18 05:09:24.3, 1.1, 51.72N, 82.13E, h0km, mbTmP2.8/2,
ML2.1/2, Error ellipse: s-maj=17.8km s-min=14.8km
az=157.0
ISC 18 05:09:21.8, 1.1, 51.9N, 0.1, 182.1E, 0.1, h0km, n7, c1106/7,
2C-40, Southwestern Siberia

Main table for 18d 5h section, listing seismic stations and their data. Includes stations like KURK, KURB, KURB, KURB, ZALV, ZALV, H46RU, MK31, MK31, MKAR, MKAR, MKAR.

18d 5h

Table with columns: WRA, ASAR, TORD. Includes station names, coordinates, and time offsets.

IDC 18 05:10:53.5,3.8,54.49N;86.80E,h0km,mbtmp2.6/2, ML2.1/1, Error ellipse: s-maj=33.9km s-min=20.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

ISK 18 05:12:25.6,38.70N;38.11E,h5km,ML3.6/14 AFAD 18 05:12:26.3,0.0,38.70N;38.08E,h12km,2km,MW3.7

Main table for the first section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data.

2018 JUN

Table with columns: YEDI, KUZU, YAHY, ESRY, HASA, SIRC, AKO. Includes station names and time offsets.

NIED 18 05:22:29.9,19.98N,121.05E,h2km,MW5.0, Moment Tensor Solution. s2 Moment tensor: Scale 10^16Nm

IDC 18 05:22:33.5,0.4,20.04N;121.47E,h0km,mb4.6/27, mbtmp4.6/30,ML4.3/3,MS4.2/52 Error ellipse:

MOS 18 05:22:34.3,0.9,20.12N;121.39E,h11km,mb5.1/52, MS4.4/9, Error ellipse: s-maj=7.4km s-min=4.1km

BUI 18 05:22:36.5,0.0,20.28N;121.21E,h10km,mb4.6/65, mb4.9/47,ML4.6/3,MS4.5/82,MS7.4/78

NEIC 18 05:22:37.4,2.3,20.19N;121.33E,h24km, Moment Tensor Solution. Duration: 1s5 Moment tensor: Scale 10^16Nm

NEIC 18 05:22:37.7,2.0,19.9N;121.32E,h24km, Moment Tensor Solution. Duration: 1s5 Moment tensor: Scale 10^16Nm

GCMT 18 05:22:39.4,0.3,20.18N;121.15E,h0.02,h33km, MW5.0/92, Moment Tensor Solution. s37,c45; s92,c130;

ISC 18 05:22:37.1,0.5,20.09N;121.39E,0.04,h20km,2km, h20km:p-P,n785,c1937/779,mb4.9/214,MS4.3/81,

Main table for the second section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data.

1042

Main table for the third section with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data.

1043

Table with columns for station call signs (e.g., CM31, CMAR, CMAR), frequencies, and other technical details.

2018 JUN

Table with columns for station call signs (e.g., SHL, SHL, SHL, GOMU, GOMU), frequencies, and other technical details.

18d 5h

Table with columns for station call signs (e.g., YAK, YAK, YAK, YAK), frequencies, and other technical details.

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like KKAR Karatay Array, KBL Kabul, IUG Iuzhny, CHGR Chuyangaron, etc.

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like G15K Niuluku, M13K Dali Lake, J14K Nanvaranak Lak, etc.

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like GCSA Galena City Sc, N17K Nushagak Hills, D20K Bivak River, etc.

18d 5h

Table with columns: YAK, Yakutsk, 86.81 343, LR, LR, 06 22 51.6, etc. Lists various locations and their associated data points.

2018 JUN

Table with columns: MPMC, Manual Prospec, 88.51 51, P, P, 05 44 05.8 0.0, etc. Lists various locations and their associated data points.

1048

Table with columns: E19K, Redstone River, 89.95 12, P, P, 05 44 11.7 +0.2, etc. Lists various locations and their associated data points.

18d 6h

Table of seismic stations including CRVS, ROSB, PSZ, VYHS, JAVG, BRG, etc. with columns for station name, coordinates, and various parameters.

2018 JUN

Main table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events from NEIC and HVO.

1050

Table of seismic stations for the 1050 region, including HPAH, SADO, H10N2, H10N3, etc. with columns for station name, coordinates, and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, ASAR Alice Springs, MKAR Makanchi Array, MKAR Kurchatov Arra.

IDC 18 06:04:41.8, 2.2, 54.05N, 86.56E, h0km, mbtmp2.6/2, ML2.5/2, Error ellipse: s-maj=22.6km s-min=14.1km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 06:10:07.4, 3.2, 54.48N, 86.85E, h0km, mbtmp2.6/2, ML2.2/1, Error ellipse: s-maj=25.2km s-min=19.6km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 06:18:45.9, 3.5, 53.49N, 87.79E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=29.6km s-min=17.2km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 06:26:47.9, 1.1, 0.26, 175x121.68E, h0km, mb3.9/k, mbtmp4.3/7, ML4.5/3, Error ellipse: s-maj=25.9km s-min=21.7km az=157.0

NOU 18 06:26:47.5, 26.115N, 121.56E, h0km, mb4.7/21, Western Australia

NEIC 18 06:26:49.1, 1.9, 26.09S, 0.07x121.55E, 0.09, h10km, 1/km, mb4.5/9, Error ellipse: s-maj=14.3km s-min=12.0km

ISC 18 06:26:48.0, 8.2, 26.19S, 0.06x121.69E, 0.06, h10km, n56, <213/59, mb4.5/8, Western Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEEK Meekatharra, PSAAO Pilbara Seismi, PSAAO Pilbara Seismi, KMBL Kambalda, MBWA Marble Bar, MBWA Marble Bar, MORW Morawa, MORW Morawa, WRKA Warakurna, BLDU Ballidu, KLBR Kellerberrin, FORT Forrest, FORT Forrest, MUN Mundaring, GIRL Giralia, GIRL Giralia, NWAO Narrogin (SRO), NWAO Narrogin (SRO).

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), NWAO Narrogin (SRO), FITZ Fitzroy Crossi, RKGK Rocky Gully, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, AS01 Alice Springs, MULG Mulgathing, OOD Oodnadatta, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA, CTAO Charters Town, COEN Coen, FAKI Fak Fak, TAU Tasmania Univ, VANDA Vanda, VANDA Vanda.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PZH Panzhihua, PZH Panzhihua, HZH Hu-hao-te, HZH Hu-hao-te, SOMN Songino Array, SOMN Songino Array, SNAA Sanae, SNAA Sanae, BELA Belgrano 2, WMO Urumqi, WMO Urumqi.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RIM Rim, KKO Keanakakoi, SDHHI Sand Hill, OBL Observatory Le, WRHM West Rim, BYL Byron's Ledge, BYL Byron's Ledge, UWE Uwekahuna, UWE Uwekahuna, HATHI Hatalemu T, SBLH Steaming Bluff, PUH Puaehi, RSD Rainshead, RSD Rainshead.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HLP Hilina Pali, KNNH Kane Nui o Ham, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, STCH Steam Cracks, STCH Steam Cracks, NPOC North of Pu'u, JUJZ Jacuzzi, HJC Hot Cakes, JOKA Joka Flow, JOKA Joka Flow.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOKA Joka Flow, JOKA Joka Flow, HMM Humu'ula Shep, HMM Humu'ula Shep, MWH Mokuaweewe, MLOA Mauna Loa Obs, MLOA Mauna Loa Obs, MLOA Mauna Loa Obs, MLOA Mauna Loa Obs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PAH Pahoa, KHU Kahuku, KHU Kahuku, ALEP Alea Permanent, ALEP Alea Permanent, HPO Honuapou, POHA Pohakuloa, POHA Pohakuloa, POHA Pohakuloa, HUH Hualalae, CPH Captain Cook, HPAH Hawaii Prepara, KKH Kailua Kona.

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

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

IDC 18 06:43:52.4, 1.4, 31.88N, 139.78E, h133km, 12km, mb3.2/5, mbtmp3.5/7, Error ellipse: s-maj=30.1km s-min=22.8km az=99.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA Hachijojimakas, JMA Hachijojimakas, JHJC Hachijojimakas, JHJC Hachijojimakas, JHJ Mitsune, JHJ Mitsune, JHJ Mitsune, JHJ Mitsune, JHJ Mitsune, JHJ Mitsune.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BS01 Boso 1, BS01 Boso 1, BS01 Boso 1, BS01 Boso 1, BS01 Boso 1, BS01 Boso 1.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNCL Casimiro, Conde, PNCL Casimiro, Conde, PNCL Casimiro, Conde, PNCL Casimiro, Conde.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNCL Casimiro, Conde, PNCL Casimiro, Conde, PNCL Casimiro, Conde, PNCL Casimiro, Conde.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVIS Castro Verde, PVIS Castro Verde, PVIS Castro Verde, PVIS Castro Verde, PVIS Castro Verde, PVIS Castro Verde.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMRV Marv'??o, PMRV Marv'??o, PMRV Marv'??o, PMRV Marv'??o, PMRV Marv'??o, PMRV Marv'??o.

IDC 18 06:43:18.1, 1.1, 8.9S, 0.1x127.01E, 0.10, h35km, n11, <231/14, mb3.8/5, Timor region

18d 7h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residuals. Includes stations like EAGO, EPLA, EPON, ECAB.

TAP 18 06:49:24.7, 24:34N-121:78E, h8km, ML1.6, 8C-8D, D, Taiwan

Main table of station data for Taiwan, listing codes, station names, and various parameters.

2018 JUN

Table with columns: WHP, Taichung City, WHP, NTY, WVDT, WVDT, HGSD, Ruisui, HGSD, SSSL, Suanglung, SSSL. Includes parameters like 0.77 266, 0.80 326, etc.

JMA 18 06:49:36.5-0.3, 24:24N-123:8E-0.6, h19km, 2km, MV0.87, NEAR ISHIGAKIJIMA ISLAND, Southwestern

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residuals. Includes stations like HATJ, IRIF, JKRS, JUIS, JIJ, JISG, YOJ.

IDC 18 06:50:22.6-2.5, 54:65N-83:73E, h0km, mbtmp2.5/2, ML2.1/2, Error ellipse: s-maj=19.5km s-min=11.5km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residuals. Includes stations like I46RU, ZALV, KURBB, MKAR.

IDC 18 06:59:16.1-3.0, 54:27N-87:15E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=26.8km s-min=19.0km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residuals. Includes stations like I46RU, ZALV, KURBB, MKAR.

IDC 18 07:09:38.4-0.4, 29:90S-112:07W, h0km, mb4.7/20, mbtmp4.6/21, ML3.8/1, MS5.3/48, Error ellipse: s-maj=14.1km s-min=13.6km az=111.0

Detailed text block containing various parameters, error ellipses, and station identifiers for the IDC 18 07:09:38.4 event.

ISC 18 07:09:40.5-0.6, 29:88S-106:111.96W-0.05, h11km, 3km, h11km: p-P, n1405, s1915/1021, mb5.5/304, MS5.4/333, 9C-5D, Easter Island region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residuals. Includes stations like VA02, RPN, RPN, H03S2, H03N2, H03N3, H03S3, H03S1, H03N1, B105, LL05, G007.

1052

Main table of station data for the 1052 event, listing codes, station names, and various parameters.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like AF01 San Pedro de A, G001 Chuzmiza, ARNL Arenillas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like CPSS Cacapava Do Su, MOIG Morelia, CRSM Crissimal (Br), etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like BSCB Bom Sucesso, VHRN Van Horn, G001 Chuzmiza, etc.

18d 7h

Table with columns: IRM, Iron Mountain, 63.77, 357, P, P, 07 20 13.2 +0.8, etc. Includes rows for Y22D, APMT, PDCR, PDMCI, SCZ2, FW03, X16A, BBRC, FW06, MCBP, BFCSC, DKNS, TREL, DECC, X18A, MSTX, SDBA, MLPR, MSVF, NEEZ, Z35A, SBC, GMBR, PRSN, GRTK, HEC, RRR, SJMB, DWPF, EDW2, W18A, ANMO, ANMO, ANMO, ANMO, UUPR, AOPR, Z38A, PKM, BCW, IGPR, CCAC, ARVC, GSC, GSC, VBMS, LOOK, WUAZ, WUAZ, WUAZ, TUQ, AMTX, AMTX, BRAL, BRAL, 143A, LRMC, 553A, 565A, SMMC, WMOK, ISA, X34A, X34A, SHOC, SHOC, SVES, MPMC, VNA3, GWY, U15A, U15A, FURC, 250A, CWC, VOG, W35A, TMAA, CCAR, OCKSW, MIAR, MIAR, MIAR.

2018 JUN

Table with columns: WCT, Wildcat Mounta, 66.47, 356, P, P, 07 20 30.9 +1.0, etc. Includes rows for X40A, KNB, MDP, 456A, TIGA, TIGA, GUA01, Z47A, GRAC, MVCO, TINEM, SAO, LRAL, LRAL, LRAL, UALR, UALR, PRN, GRM, T25A, T25A, CCUT, CCUT, SZCU, DSP, TUL3, TUL3, TUL3, TUL3, QUOK, 152A, 152A, WHAR, S22A, S22A, S22A, MLAC, OXF, OXF, OXF, OXF, SDCO, SDCO, SDCO, KIP, KIP, MTPU, SNA, SNA, SNA, SNA, SNA, Y49A, Y49A, HHAR, R11B, R11B, R11B, T35A, CMB, MVU, FCAR, FCAR, FCAR, KAN08, PV07, PSUT, TCRU, 257A, X48A, X48A, NV11, NV11, NVAR, NVAR, NVAR, PLAL, PLAL, PLAL, WAKR, RYN, MCCM, LCAR, LCAR, LCAR, GOGA, GOGA, GOGA, SPR3.

1054

Table with columns: Q12A, Willow Creek R, 68.62, 358, P, P, 07 20 43.8 +0.2, etc. Includes rows for SRU, Y52A, Y52A, GNAR, FPAL, FPAL, Q24A, Q24A, KVN, TMUT, YERR, TROLL, PNTR, AFDM, AFDM, X51A, X51A, R32A, KSCO, KSCO, P18A, MGMO, MPK, MPK, SWET, SWET, CBKS, CBKS, CBKS, CBKS, PBMO, PBMO, UTMT, ROSE, PARMO, HICK, W50A, W50A, S39A, S39A, WWT, WWT, WWT, WWT, NHSC, MPU, PAHR, ISCO, ISCO, ISCO, ORV, ORV, ORV, ORV, HODGE, HODGE, DUG, DUG, DUG, O20A, O20A, O20A, O20A, W52A, CLTN, CLTN, CPCT, CPCT, CGM3, CGM3, BSUT, BG3, BG3, JSC, JSC, KSU1, KSU1, KSU1, BMN, RDMU, RDMU, Y57A, R40A, R40A, CCM, CCM.

Table with columns: ELK, ELKO, PAULI, PAULI, PAULI, TKL, Y58A, BVM, FGU, BRIGG, U49A, T47A, T47A, S44A, V52A, N23A, TCUT, BIRD, BIRD, V53A, KMSC, KMSC, KMSC, HATC, HATC, HATC, NBLA, OGNE, OGNE, PHWY, X58A, X58A, SLM, HWJT, JCC, P38A, T50A, T50A, TZTN, TZTN, TZTN, RWWY, RWWY, W57A, W57A, W57A, V55A, P40A, Q44A, OLIL, U54A, U54A, WCI, WCI, WCI, QUENC, YBH, YBH, NBPB, W59A, BGNE, NVL, WVOR, WVOR, WVOR, SS1A, SS1A, U56A, U56A, LIFNC, LIFNC, V58A, R49A, R49A, AHID, AHID, CNNC, CNNC, PDAR, PDAR, K22A, K22A, DZM, N38A, R50A

Table with columns: R50A, BLO, BLO, BLO, HUMO, NBAN, P46A, P46A, N41A, N41A, L34A, SNOW, SNOW, BLA, BLA, BLA, TPAW, TPAW, MFID, MFID, K30B, HLID, HLID, HLID, FXWY, FXWY, HDIL, HDIL, HDIL, SS4A, SS4A, SS4A, T57A, T57A, MOOV, J05D, J05D, SSFO, SSFO, IMW, IMW, SCIA, SCIA, SCIA, SCIA, Q51A, Q51A, P49A, P49A, P49A, P49A, FLWY, FLWY, PINE, NBCA, ELIB, Q52A, Q52A, T59A, I07A, I07A, H17A, H17A, RSSD, RSSD, RSSD, RSSD, P51A, P51A, P51A, Q48B, Q48B, Q48B, M44A, M44A, Q09A, Q09A, YHH, YHH, MCMT, Q54A, Q54A, Q54A, L42A, L42A, N47A, N47A, N47A, P52A, P52A, P52A, P52A, BMO, BMO, ECSD, ECSD, ECSD, R58B, R58B, R58B, P53A, P53A, P53A, RLMT, RLMT, RLMT, PLID, PLID, ACSD, ACSD, ACSD, SUSD, SUSD, SUSD, SUSD, N49A, N49A, CBN, CBN, CBN

Table with columns: O52A, L44A, L44A, G08A, G08A, BOZ, BOZ, BOZ, JFWS, JFWS, G06A, G06A, G05A, G05A, MCWV, MCWV, MCWV, O53A, O53A, O53A, K43A, K43A, I37A, I37A, N51A, N51A, N51A, O54A, O54A, F10A, F10A, M50A, M50A, M50A, L48A, L48A, L48A, P57A, P57A, I40A, I40A, N53A, N53A, N53A, HAWA, HAWA, HAWA, SDMD, SDMD, MSO, MSO, MSO, LAO, LAO, LAO, LAO, AAM, AAM, AAM, M52A, M52A, M52A, M53A, M53A, M53A, F33A, F33A, SPMN, SPMN, SPMN, E28A, E28A, J47A, J47A, J47A, SSSA, SSSA, SSSA, MVL, MVL, MVL, K50A, K50A, K50A, LTY, LTY, LTY, I45A, I45A, I45A, D05A, D05A, M55A, M55A, M55A, P61A, P61A, P61A, G40A, G40A, G40A, ERPA, ERPA, ERPA, C09A, C09A, N58A, N58A, N58A, EGMT, EGMT, EGMT, NLWA, NLWA, NLWA, GNW, GNW, GNW, M57A, M57A, M57A, M57A, NEW, NEW, NEW, NEW, B08A, B08A, B08A, MDND, MDND, MDND

I28M	comp=Z,28nm,1.8s	IAMS_20	IAMS_20	08 02 03.9					
I28M	comp=Z,289nm,19.0s								
I28M	Miller Creek	97.46 349	P	Pdf	07 23 15.5 +1.7				
M19K	Big River Lodg	97.65 341	P	Pdf	07 23 16.5 +1.9				
O14K	Tigyukauiv M	97.72 337	IAMS_20	IAMS_20	07 59 21.4				
O14K	Tigyukauiv M	97.72 337	P	Pdf	07 23 16.1 +1.2				
J25K	Salcha River	97.74 346	Iamb	Iamb	07 23 25.4				
J25K	comp=Z,952nm,18.0s	IAMS_20	IAMS_20	08 01 23.7					
J25K	Salcha River	97.74 346	P	Pdf	07 23 16.5 +1.5				
MCK	baz=151 McKinley	97.77 344	P	Pdf	07 23 16.2 +1.1				
EPYK	Eagle Plains	97.80 350	IAMS_20	IAMS_20	07 59 32.8				
EPYK	Eagle Plains	97.80 350	P	Pdf	07 23 16.5 +1.3				
PPLA	Purkeypile	97.87 343	P	P	07 23 15.2 -0.5				
I27K	Kandik River	97.90 348	P	Pdf	07 23 17.2 +1.5				
HDA	Harding Lake	97.90 345	P	Pdf	07 23 16.9 +1.3				
H29M	Whitestone	97.91 350	IAMS_20	IAMS_20	08 01 51.8				
H29M	Whitestone	97.91 350	P	Pdf	07 23 16.7 +1.0				
I26K	Coal Creek Min	97.92 347	P	Pdf	07 23 18.3 +2.6				
L20K	Farwell, AK	97.98 342	P	Pdf	07 23 17.6 +1.5				
G31M	Satah River	97.98 351	P	Pdf	07 23 17.0 +1.1				
G31M	comp=Z,18nm,1.3s	Iamb	Iamb						
G31M	comp=Z,968nm,20.0s	IAMS_20	IAMS_20	07 59 38.5					
G31M	Satah River	97.98 351	P	Pdf	07 23 18.2 +2.3				
L143	White Mountain	98.00 341	P	Pdf	07 23 17.7 +1.5				
N15K	Kwethluk River	98.02 338	IAMS_20	IAMS_20	07 57 44.2				
N15K	Kwethluk River	98.02 338	P	Pdf	07 23 17.7 +1.5				
KTH	Kantishna Hill	98.10 343	P	P	07 23 16.5 -0.1				
M17K	Holtna River	98.14 340	IAMS_20	IAMS_20	08 01 02.3				
M17K	Holtna River	98.14 340	P	Pdf	07 23 18.7 +1.9				
ILAR	Eielson Array	98.20 346	P	P	07 23 17.0 0.0				
ILAR	Eielson Array	98.20 346	P	P	07 23 16.3 -0.7				
WRH	Wood River Hill	98.21 345	P	P	07 23 16.7 -0.2				
CAST	Castle Rocks	98.28 343	P	Pdf	07 23 18.5 +1.1				
G30M	lAoh Zrai Nji	98.30 351	P	Pdf	07 23 17.9 +0.9				
M16K	Timber Creek	98.31 339	IAMS_20	IAMS_20	08 03 38.9				
M16K	Timber Creek	98.31 339	P	Pdf	07 23 19.1 +1.5				
N14K	Kuskokwak Cree	98.36 337	P	Pdf	07 23 19.3 +1.5				
F31M	Tsigichtchic	98.40 352	IAMS_20	IAMS_20	08 02 13.7				
F31M	Tsigichtchic	98.40 352	P	Pdf	07 23 19.9 +2.1				
H27K	Steamboat Moun	98.45 348	P	Pdf	07 23 19.7 +1.5				
G29M	Pine Creek	98.50 350	P	Pdf	07 23 19.9 +1.6				
COLA	College	98.50 345	P	Pdf	07 23 21.0 +2.7				
COLA	College	98.50 345	P	Pdf	07 23 18.6 +0.3				
NEA2	Nenana	98.53 345	P	Pdf	07 23 21.1 +2.6				
L18K	Granite Mounta	98.56 341	P	Pdf	07 23 19.5 +0.9				
BPAW	Bear Paw Mtn.	98.57 344	P	P	07 23 18.1 -0.6				
BPAW	Bear Paw Mtn.	98.57 344	P	Pdf	07 23 18.9 +0.3				
PRP	Porcupine Dome	98.57 347	Iamb	Iamb	07 23 29.3				
PRP	comp=Z,23nm,1.4s	IAMS_20	IAMS_20	08 00 55.5					
PRP	Porcupine Dome	98.57 347	P	Pdf	07 23 20.8 +2.0				
M15K	Kasigluk River	98.61 338	P	P	07 23 18.5 -0.4				
POKR	Poker Plat Res	98.62 346	IAMS_20	IAMS_20	08 01 50.9				
POKR	Poker Plat Res	98.62 346	P	Pdf	07 23 19.8 +0.9				
MDM	Murphy Dome	98.66 345	P	Pdf	07 23 19.1 0.0				
MDM	comp=Z,909nm,18.0s	IAMS_20	IAMS_20	08 06 25.9					
CHUM	Lake Minchumin	98.72 343	P	Pdf	07 23 20.8 +1.6				
K20K	Telida	98.74 342	P	Pdf	07 23 21.4 +1.9				
F30M	Barrier River	98.83 351	P	Pdf	07 23 21.3 +1.6				
P08K	Saint George I	98.95 332	P	Pdf	07 23 21.0 +0.5				
L17K	Doilin	98.96 340	P	Pdf	07 23 21.9 +1.5				
G27K	Doyon Strip	99.00 349	P	Pdf	07 23 21.5 +0.9				
L16K	Owhat River	99.00 339	P	Pdf	07 23 21.8 +1.2				
M14K	Bethel	99.07 338	IAMS_20	IAMS_20	08 07 27.1				
M14K	Bethel	99.07 338	P	Pdf	07 23 22.2 +1.3				
I23K	Minto, Yukon-K	99.07 345	Iamb	Iamb	07 23 31.2				
I23K	comp=Z,18nm,1.1s	IAMS_20	IAMS_20	08 00 54.9					
I23K	Minto, Yukon-K	99.07 345	P	Pdf	07 23 23.7 +2.9				
INK	Inuvik	99.20 352	Iamb	Iamb	07 23 30.4				
INK	Inuvik	99.20 352	P	Pdf	07 23 24.2 +2.9				
INK	Inuvik	99.20 352	LR	LR	08 01 20.1				
WRAB	Tennant Creek	99.22 241	P	Pdf	07 23 22.4 -0.4				
WRAB	comp=Z,5.0nm,0.9s								
WRA	Warramunga Arr	99.23 241	P	Pdf	07 23 22.6 -0.2				
WRA	comp=Z,0.6nm,1.0s								
WRA	comp=Z,1.1nm,19.3s								
H25L	Birch Creek	99.29 347	P	Pdf	07 23 24.4 +2.7				
M13K	Dall Lake	99.29 337	P	Pdf	07 23 23.1 +1.2				
MLY	Manley	99.29 344	Iamb	Iamb	07 23 41.3				
MLY	Manley	99.29 344	P	Pdf	07 23 22.8 +0.9				
C36M	Paultuk	99.33 356	IAMS_20	IAMS_20	08 01 48.3				
C36M	Paultuk	99.33 356	P	Pdf	07 23 22.3 +0.4				
FRB	Frisher Bay	99.40 18	LR	LR	08 05 22.0				
K17K	Iditarod	99.42 340	IAMS_20	IAMS_20	08 07 48.1				
K17K	Iditarod	99.42 340	P	Pdf	07 23 23.3 +0.9				
J20K	Novinta River	99.43 343	P	Pdf	07 23 24.6 +2.2				
FYU	Fort Yukon	99.43 347	IAMS_20	IAMS_20	08 03 51.0				
F28M	Old Crow	99.43 350	P	Pdf	07 23 21.5 -0.9				
F28M	comp=Z,1.1nm,18.0s	IAMS_20	IAMS_20	08 03 04.0					

F28M	Old Crow	99.43 350	P	Pdf	07 23 23.4 +1.0				
G26K	Porcupine Rive	99.50 348	P	Pdf	07 23 24.5 +1.8				
J18K	Lookoko River	99.55 341	IAMS_20	IAMS_20	08 02 35.6				
J18K	Innok River	99.55 341	P	Pdf	07 23 24.7 +1.7				
L15K	Ungalak Mounta	99.60 338	P	Pdf	07 23 25.4 +2.1				
SP1A	Saint Paul Isl	99.62 332	P	Pdf	07 23 25.8 +2.4				
J19K	Poorman	99.67 342	P	Pdf	07 23 23.2 -0.4				
H23K	Yukon River	99.69 345	P	Pdf	07 23 25.5 +1.9				
L14K	Kulka Creek	99.74 338	P	Pdf	07 23 25.1 +1.2				
G25K	Searman Lake	99.78 347	P	Pdf	07 23 24.9 +1.0				
E29M	Blow River	99.85 351	P	Pdf	07 23 26.5 +2.3				
I20K	Naaghedeneel	100.01 343	P	Pdf	07 23 27.8 +2.8				
K15K	Wolf Creek Mou	100.08 339	IAMS_20	IAMS_20	08 02 48.6				
K15K	Wolf Creek Mou	100.08 339	P	Pdf	07 23 26.8 +1.5				
H22K	Ishlatina Cre	100.16 345	P	Pdf	07 23 28.3 +2.6				
J17K	VABM Dome	100.17 340	P	Pdf	07 23 27.2 +1.5				
F26K	Sheenjek River	100.23 348	P	Pdf	07 23 27.9 +1.9				
E27K	Coleen River	100.23 349	P	Pdf	07 23 28.4 +2.4				
M11K	Mekoryuk	100.26 336	P	Pdf	07 23 27.4 +1.3				
E28M	Babbage River	100.29 350	IAMS_20	IAMS_20	08 03 25.6				
E28M	Babbage River	100.29 350	P	Pdf	07 23 28.8 +2.5				
H21K	Melozitna Rive	100.30 344	P	Pdf	07 23 28.9 +2.6				
F25K	Christian River	100.41 348	P	Pdf	07 23 29.6 +2.8				
J16K	Anvik River	100.53 340	P	Pdf	07 23 29.5 +2.1				
G23K	Bananza Creek	100.54 346	IAMS_20	IAMS_20	08 02 50.7				
G23K	Bananza Creek	100.54 346	P	Pdf	07 23 29.9 +2.5				
GCSA	Galena City Sc	100.60 342	P	Pdf	07 23 29.6 +2.0				
H20K	Antoleneega Mo	100.67 343	P	Pdf	07 23 29.2 +1.2				
F24K	Squaw Lake	100.78 347	IAMS_20	IAMS_20	08 02 25.0				
F24K	Squaw Lake	100.78 347	P	Pdf	07 23 29.0 +0.6				
K13K	Kusilvak Mou	100.82 337	IAMS_20	IAMS_20	08 02 16.0				
K13K	Kusilvak Mou	100.82 337	P	Pdf	07 23 29.9 +1.2				
D28M	Stokes Point	100.84 351	P	Pdf	07 23 30.4 +1.9				
E25K	Arctic Village	100.86 348	IAMS_20	IAMS_20	08 02 43.8				
E25K	Arctic Village	100.86 348	P	Pdf	07 23 31.8 +3.0				
I17K	Unalakleet	101.01 340	IAMS_20	IAMS_20	08 04 12.3				
I17K	Unalakleet	101.01 340	P	Pdf	07 23 33.5 +4.1				
COLD	Coldfoot	101.01 346	P	Pdf	07 23 33.3 +3.9				
G22K	Bethel	101.04 345	P	Pdf	07 23 32.0 +2.4				
J14K	Nanvaranak Lak	101.05 338	P	Pdf	07 23 32.4 +2.8				
D27M	Malcolm River	101.09 350	P	Pdf	07 23 31.0 +1.2				
H19K	Roundabout Mou	101.10 343	P	Pdf	07 23 32.0 +2.2				
G21K	Allakaket	101.17 344	P	Pdf	07 23 31.1 +0.9				
H18K	Honhosa River	101.31 342	P	Pdf	07 23 32.3 +1.5				
E24K	Your Creek	101.38 347	IAMS_20	IAMS_20	08 03 18.8				
E24K	Your Creek	101.38 347	P	Pdf	07 23 33.3 +2.1				
H17K	Granite Mounta	101.58 341	P	Pdf	07 23 33.5 +1.5				
F22K	John River	101.67 345	P	Pdf	07 23 35.0 +2.6				
F21K	Alatna River	101.73 345	P	Pdf	07 23 35.2 +2.5				
G19K	Purcell Mounta	101.75 343	P	Pdf	07 23 34.9 +2.1				
C27K	Jago River	101.87 349	P	Pdf	07 23 35.0 +1.8				
G18K	Tagagawik	101.96 342	P	Pdf	07 23 35.6 +1.9				
A36M	Sachs Harbour	102.01 356	P	Pdf	07 23 35.8 +2.1				
H16K	Elin	102.02 340	P	Pdf	07 23 36.7 +2.8				
D25K	Kavik River	102.06 348	IAMS_20	IAMS_20	08 05 42.7				
D25K	Kavik River	102.06 348	P	Pdf	07 23 36.9 +2.7				
TOLK	Tool Lake Re	102.08 347	IAMS_20	IAMS_20	08 06 53.2				
TOLK	Tool Lake Re	102.08 347	P	Pdf	07 23 36.5 +2.3				
E22K	Anaktuvuk Pass	102.11 346	P	Pdf	07 23 37.3 +2.9				
F20K	Avartak Lake	102.12 344	P	Pdf	07 23 37.4 +3.0				
G17K	Kiwalik Mounta	102.21 341	P	Pdf	07 23 37.3 +2.5				
H01W1	Cape Leeuwin H	102.28 217	T	T	09 17 43.0				
H01W2	Cape Leeuwin H	102.28 217	T						

18d 7h

Table with columns for station name, frequency, power, and status. Includes stations like ABTA, CLL, CLM, etc.

2018 JUN

Table with columns for station name, frequency, power, and status. Includes stations like HNS, ITM, NACGIN, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like PHRA, LPSR, KMI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include stations like AKTO, GNI, RAYN, WMQ, BRZS, MKAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include stations like OK031, OK048, OK052, OKCSW, OKCSW, OKCSW, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include stations like TXAR, QSPA, ANMO, SNA, NVAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include NEIC, TUL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include IDC 18 07:19:17.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include IDC 18 07:24:47.0, etc.

18d 8h

2018 JUN

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POHA, HUH, CPH, HPAH, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MANU, RAUL, COEN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA, MG01, TSUMB, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QIS, WBO, WR0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COYC, CPUP, CUPU, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OADB, BO01, BO01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIM, KKO, BYL, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT03, MT03, MT03, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIM, KKO, BYL, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AC06, AC06, AC06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NPOC, JUJUZ, HTC, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like F19K Shalercuk Mo, E19K Redstone River, H21K Mezoilina Rive, etc.

IDC 18 08:29:14.2.2.6, 53.633N, 86.79E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=22.7km s-min=12.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 18 08:29:56.7.3.8, 54.26N, 87.34E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=34.5km s-min=21.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

NEIC 18 08:59:50.8.1.9, 30.33N, 07.50E, h10km, mb4.5/13, Error ellipse: s-maj=14.4km s-min=9.1km

IDC 18 08:59:52.6.1.9, 30.35N, 50.71E, h0km, mb3.8/8, mbtmp3.7/10, ML3.2/2, Error ellipse: s-maj=46.5km s-min=24.1km

TEH 18 08:59:55.3, 30.43N, 50.77E, h9km, mb3.6/8, DSN 18 08:59:59.3, 1.6, 30.10N, 51.13E, h10km, ML3.3/8, Error ellipse: s-maj=19.7km s-min=14.0km

OMAN 18 09:00:01.7, 0.1, 30.07N, 51.22E, h10km, mb4.8/4, Error ellipse: s-maj=1.4km s-min=1.1km

ISC 18 08:59:54.0, 5, 30.42N, 03.50E, h04, h10km, n91, c245/105, mb4.3/14, 1, C, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like ABEH Behbahan, KLAJ Kotianji, KAZZ Kazeron-Fars-I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like KRSH Karshahi, ISFB Sefidab, HSAM Samen, etc.

AB31 04:00 array 20.04 18 Pn P 09 04 25.3 -1.7

ABKAR Akbar array 20.04 18 Pn P 09 04 25.3 -1.7

CEC2 GERESS Array S 33.58 314 P P 09 06 32.9 -1.5

HFS Hagfors 38.67 331 P P 09 07 16.8 -0.8

NC602 NORSAR Array S 39.89 331 P P 09 07 25.5 -2.3

NC405 NORSAR Array S 40.02 332 P P 09 07 26.7 -2.2

NC204 NORSAR Array S 40.50 331 P P 09 07 30.4 -2.4

TORD Torodi Arr. Bea 48.38 260 P P 09 08 31.1 -5.2

TORD Torodi Arr. Bea 48.38 260 P P 09 08 35.6 -0.8

SPITS Spitsbergen Arr 50.22 351 P P 09 08 50.5 +0.9

TIXI Tiksi 57.68 22 P P 09 09 42.0 -2.1

KSR5 Korea Array 62.69 61 P P 09 10 19.7 +0.7

ILAR Eielson Array 84.11 8 P P 09 12 25.2 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like SOF 18 09:00:29.3, SKO 18 09:00:30.8, ISK 18 09:00:30.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like KKB Krupnik, SRS Serrai, PLNA Plana, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAIL, UKOP, VLAD, GADA, GOKC, ZAGS, ZAGS, OHR, etc.

Table for AFAD 18 09:11:39.40.0, 38.04N-38.37E, h49km, 3km, ML1.9, Turkey. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for ISK 18 09:11:54.1, 37.72N-36.04E, h15km, ML1.67, Turkey. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISC 18 09:16:52.3:0.7, 8.88N-40.42W, h0km, mb4.2/15, mbtmp4.2/16, ML3.6/1, MS3.8/30, Error ellipse: s-maj=20.0km s-min=16.4km az=156.0.

Table for TRN 18 09:01:29.0, 10.86N-62.31W, h78km, MD2.9, North of the Paria peninsula. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for IDC 18 09:16:52.3:0.7, 8.88N-40.42W, h0km, mb4.2/15, mbtmp4.2/16, ML3.6/1, MS3.8/30, Error ellipse: s-maj=20.0km s-min=16.4km az=156.0.

Table for CZSB comp=Z,18nm,1.1s Iamb Iamb 09 24 05.6. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for LPAZ comp=Z,2.7nm,1.0s 36.18 244 eP P 09 23 57.2 -0.3. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for LPAZ comp=Z,2.7nm,1.0s 36.18 244 eP P 09 23 57.2 -0.3. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for AFAD 18 09:07:53.8:0.0, 38.48N-29.13E, h7km, 1km, ML1.0, Turkey. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for PDRB Porto das Gac 26.05 219 eP P 09 22 23.0 +0.1. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for AAM Ann Arbor 50.45 319 P P 09 25 53.0 +0.6. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for IDC 18 09:10:23.2:5.5, 15.94S-175.23W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=164.6km s-min=107.5km az=152.0, Tonga Islands. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for PDRB Porto das Gac 26.05 219 eP P 09 22 23.0 +0.1. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table for AAM Ann Arbor 50.45 319 P P 09 25 53.0 +0.6. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

P40A	Paris	55.15 312	I	Amb	09 26 27.6
G40A	Rib Lake	56.01 319	I	Amb	09 26 34.5
P38A	Dawn	56.27 312	I	Amb	09 26 35.7
PLCA	Paso Flores	56.66 207	P	P	09 26 37.0 -1.1
SCIA	State Center	56.78 315	P	P	09 26 38.8 -0.1
VAE	Valguarnera	56.90 51	LR	LR	09 49 54.6
DAVOX	Davos/Dieschmet	56.94 39	LR	LR	09 47 25.9
TUL3	Leonard	56.97 307	I	Amb	09 26 40.5
TUL3	Leonard	56.97 307	P	P	09 26 39.4 -0.9
435B	Jarrell	57.39 301	P	P	09 26 42.8 -0.6
WHXT	Lake Whitney	57.49 302	P	P	09 26 43.0 -1.1
I37A	Lemond, Waseca	57.64 317	I	Amb	09 26 45.1
W35A	Tecumseh	57.65 306	I	Amb	09 26 45.3
SPMN	Marine on St.	57.69 319	P	P	09 26 44.3 -0.9
T35A	Sooner Cattle	57.77 308	I	Amb	09 26 46.1
OK052	Battle Ridge R	57.78 307	I	Amb	09 26 46.3
OK031	S. Brethren Rd	57.80 307	P	P	09 26 45.4 -0.8
OK051	E0350 and S346	57.93 308	I	Amb	09 26 47.3
EYMN	Ely	57.94 322	P	P	09 26 46.5 -0.5
OK048	Pawnee Station	57.99 307	I	Amb	09 26 47.8
PLPT	Palo Pinto	58.35 303	I	Amb	09 26 50.2
KSU1	Kansas State U	58.40 311	P	P	09 26 48.4 -2.0
833A	Chaparral WMA	58.59 298	I	Amb	09 26 54.1
833A	Chaparral WMA	58.59 298	P	P	09 26 50.7 -1.2
BRDY	Brady	58.67 301	I	Amb	09 26 52.2
WMOK	Wichita Mounta	59.09 305	I	Amb	09 26 54.9
WMOK	Wichita Mounta	59.09 305	P	P	09 26 53.4 -2.0
JCT	Junction City	59.23 300	I	Amb	09 26 56.5
JCT	Junction City	59.23 300	P	P	09 26 55.1 -1.2
ABTX	Abilene, Hawle	59.42 303	I	Amb	09 26 57.6
ABTX	Abilene, Hawle	59.42 303	P	P	09 26 56.6 -1.1
ECSD	EROS Data Cent	59.74 316	P	P	09 26 58.8 -0.8
APMT	Aspermont	59.93 303	I	Amb	09 27 01.1
GERES	GERESS Array B	60.13 38	LR	LR	09 51 39.5
BGNE	Belgrade	60.15 313	P	P	09 27 01.5 -1.0
KHC	Kasperske Hory	60.17 38	eP	P	09 27 03.5 +1.0
SMWD	Samnorwood	60.34 305	P	P	09 27 02.8 -1.2
SN07	Snyder Df	60.53 303	I	Amb	09 27 05.3
DKNS	Dickens	60.65 304	P	P	09 27 05.1 -1.0
CLBK	Cedar Bluff	60.70 310	P	P	09 27 05.2 -1.1
CBLS	Collin	60.71 35	eSS	SS	09 39 24.0 +2.6
AGMN	Agassiz Nation	60.77 321	P	P	09 27 05.1 -1.5
AGMN	Agassiz Nation	60.77 321	P	P	09 27 05.2 -1.4
POST	Post	61.04 303	P	P	09 27 07.4 -1.3
SAND	Sanders	61.16 299	I	Amb	09 27 10.1
AMTX	Amarillo	61.47 305	I	Amb	09 27 11.7
AMTX	Amarillo	61.47 305	P	P	09 27 10.6 -1.0
ULM	Lac du Bonnet	61.50 323	P	P	09 27 10.0 -1.5
ULM	Lac du Bonnet	61.50 323	P	P	09 27 10.1 -1.5
ULM			LR	LR	09 51 05.3
SUSD	Miller	61.56 316	P	P	09 27 10.6 -1.4
VRAC	Vrancoy	62.07 38	LR	LR	09 50 30.1
MSTX	Muleshoe	62.22 304	I	Amb	09 27 17.3
MSTX	Muleshoe	62.22 304	P	P	09 27 16.2 -0.6
TXAR	Lajitas Array	62.43 298	P	P	09 27 17.9 -0.3
OGNE	Ogallala	62.89 312	P	P	09 27 20.4 -0.6
KSCO	Kaye Sheddlock	62.94 309	P	P	09 27 21.3 -0.2
TSUM	Tsumof	63.58 117	LR	LR	09 48 27.7
T25A	Trinidad	64.01 307	I	Amb	09 27 30.1
T25A	Trinidad	64.01 307	P	P	09 27 28.6 -0.1
MNTX	Cornudas Mount	64.13 301	P	P	09 27 28.7 -0.7
NB2	NORSAR Subarra	64.36 25	P	P	09 27 31.9 +1.5
NOA	NORSAR Array B	64.36 25	P	P	09 27 30.2 -0.1
NOA			LR	LR	09 50 54.4
Q24A	Divide	64.87 309	P	P	09 27 34.4 0.0
SDCO	Great Sand Dun	64.96 307	I	Amb	09 27 36.3
SDCO	Great Sand Dun	64.96 307	P	P	09 27 35.0 0.0
HFS	Hagfors	64.98 27	P	P	09 27 34.6 +0.3
HFS			LR	LR	09 53 08.3
RSSD	Black Hills	65.01 315	P	P	09 27 35.5 +0.4
ISCO	Idaho Springs	65.36 310	I	Amb	09 27 39.2
ISCO	Idaho Springs	65.36 310	P	P	09 27 37.8 +0.1
ANMO	Albuquerque	65.36 304	P	P	09 27 37.5 -0.1
N23A	Red Feather La	65.79 311	P	P	09 27 40.6 +0.3
S22A	4UR Ranch, Cre	66.00 307	I	Amb	09 27 43.0
S22A	4UR Ranch, Cre	66.00 307	P	P	09 27 42.0 +0.2
DGMT	Dagmar	66.12 319	P	P	09 27 41.8 -0.2
121A	Cookes Peak, D	66.23 302	I	Amb	09 27 45.0
121A	Cookes Peak, D	66.23 302	P	P	09 27 43.5 +0.2
K22A	Casper	66.51 313	P	P	09 27 45.0 +0.2
FFC	Flin Flon	66.56 326	P	P	09 27 44.2 -0.5
LAO	LASA Array	67.06 317	I	Amb	09 27 49.4
LAO	LASA Array	67.06 317	P	P	09 27 48.1 +0.1
MVCO	Mesa Verde	67.26 307	P	P	09 27 50.1 +0.4

O20A	White River Ci	67.41 310	I	Amb	09 27 51.8
O20A	White River Ci	67.41 310	P	P	09 27 50.3 -0.4
W18A	Petrified Fore	68.06 304	P	P	09 27 54.8 0.0
X18A	Snowflake	68.19 304	I	Amb	09 27 57.2
PDAR	Pinedale Array	68.74 312	P	P	09 27 57.6 -1.4
TUC	Tucson	68.75 301	P	P	09 27 58.7 -0.3
TUC	Tucson	68.75 301	P	P	09 27 59.7 +0.6
RLMT	Red Lodge	68.87 315	P	P	09 27 59.3 -0.4
BSUT	Blindstream Ca	69.37 310	P	P	09 28 02.3 -0.8
WUAZ	Wupatki	69.42 305	P	P	09 28 03.6 +0.4
EGMT	Eagleton	69.66 318	I	Amb	09 28 05.3
EGMT	Eagleton	69.66 318	P	P	09 28 04.2 -0.2
H17A	Grant Village	69.69 314	P	P	09 28 04.8 0.0
HWUT	Hardware Ranch	70.08 311	I	Amb	09 28 08.0
U15A	Noto Rim	70.22 305	I	Amb	09 28 10.4
AKASO	Main Array Be	70.29 39	LR	LR	09 55 51.1
214A	Organ Pipe Nat	70.45 301	P	P	09 28 09.6 +0.1
BZO	Bozeman (W)	70.58 315	P	P	09 28 09.9 -0.3
DUG	Dugway, Tooele	70.90 309	P	P	09 28 12.5 +0.3
FINES	FINESS Array B	71.09 28	P	P	09 28 13.2 +0.5
FINES			LR	LR	09 53 29.6
PDMCI	Parker Dam, Lak	71.64 303	P	P	09 28 17.2 +0.6
BRTR	Keski Array B	72.10 51	P	P	09 28 19.7 +0.2
GLA	Glamis	72.18 302	P	P	09 28 20.5 +0.5
MSO	Missoula	72.32 316	P	P	09 28 20.7 +0.1
HLID	Hailey	72.35 313	P	P	09 28 20.8 -0.2
IRM	Iron Mountain	72.47 303	P	P	09 28 22.0 +0.4
LBTB	Lobatse	72.53 120	LR	LR	09 53 09.6
BC3	Big Chucckwall	72.71 302	P	P	09 28 23.6 +0.3
EDM	Edmonton	72.74 323	P	P	09 28 22.0 -0.9
EDM			I	Amb	09 28 23.7
GMRC	Granite Mounta	72.90 304	P	P	09 28 24.7 +0.3
R11B	Troy Canyon, C	72.94 307	P	P	09 28 25.1 +0.6
EIL	Elat	72.95 62	LR	LR	10 01 45.0
SWSC	Sam W. Stewart	73.00 302	P	P	09 28 25.5 +0.7
BELC	Belle Mtn. Jos	73.17 303	P	P	09 28 26.5 +0.5
MMAI	Mount Meron Ar	73.33 58	LR	LR	10 04 33.5
SHOC	Shoshone, Teco	73.42 305	P	P	09 28 27.6 +0.4
HEC	Heer, Ludlow	73.46 304	P	P	09 28 27.9 +0.3
MONP2	Monument Peak	73.52 302	P	P	09 28 28.6 +0.4
TPFO	Pinon Flats	73.55 302	P	P	09 28 28.3 +0.1
PFO	Pinon Flats O	73.55 302	P	P	09 28 28.0 -0.2
GSC	Goldstone, Bar	73.85 304	P	P	09 28 30.5 +0.6
FURC	Furnace Creek,	73.91 305	P	P	09 28 31.1 +1.0
MURC	Murieta	74.17 302	P	P	09 28 32.4 +0.7
PMPC	Manual Prospec	74.41 305	P	P	09 28 33.9 +0.6
BFSC	Mount Baldy Ra	74.55 303	P	P	09 28 34.2 +0.2
LRMC	Laurel Mtn Rad	74.56 304	P	P	09 28 34.1 0.0
NEW	Newport	74.59 318	P	P	09 28 34.9 +1.0
EDW2	Edwards Air Fo	74.82 304	P	P	09 28 35.7 +0.2
YKA	Yellowknife Ar	74.89 332	P	P	09 28 34.0 -1.2
CWC	Cottonwood Cre	74.89 305	P	P	09 28 36.1 +0.1
NVAR	Mina Array Bea	75.08 307	P	P	09 28 36.5 -0.6
DECC	Green Verdugo	75.11 303	P	P	09 28 35.9 -1.2
CIS	Catalina Islan	75.19 302	P	P	09 28 37.8 +0.2
ISA	Isabella, Lake	75.21 305	P	P	09 28 37.9 +0.1
SC12	San Clemente I	75.31 302	P	P	09 28 37.7 -0.6
SNCC	San Nicolas Is	76.12 302	P	P	09 28 42.7 -0.2
SCZ2	Santa Cruz Isl	76.19 303	P	P	09 28 43.4 +0.1
SBC	Santa Barbara	76.25 303	P	P	09 28 43.6 +0.1
PKM	Mpchspon Peak	76.32 304	P	P	09 28 44.3 0.0
SMOC	Simmier	76.46 304	P	P	09 28 44.9 +0.1
TOAD	Toad River Com	76.79 328	P	P	09 29 02.9 +0.1
A36M	Sachs Harbour	80.01 342	P	P	09 29 03.9 +0.2
A36M			I	Amb	09 29 05.1
A36M	Sachs Harbour	80.01 342	P	P	09 29 04.1 +0.3
DLBC	Dease Lake	82.31 328	P	P	09 29 16.7 +0.4
R33M	Jennings River	82.72 329	I	Amb	09 29 20.6
R33M	Jennings River	82.72 329	P	P	09 29 19.0 +0.5
S34M	Telegraph Cree	82.94 322	P	P	09 29 20.2 +0.7
INK	Inuvik	82.97 338	I	Amb	09 29 20.9
INK	Inuvik	82.97 338	P	P	09 29 19.9 +0.5
F31M	Tsigehtchic	83.15 337	I	Amb	09 29 21.7
F31M	Tsigehtchic	83.15 337	P	P	09 29 20.4 0.0
G31M	Satah River	83.41 337	I	Amb	09 29 23.0
G31M	Satah River	83.41 337	P	P	09 29 21.4 -0.4
P33M	Teslin, Yukon	83.56 330	P	P	09 29 22.6 -0.2
H31M	Peel River	83.58 336	I	Amb	09 29 26.2
H31M	Peel River	83.58 336	P	P	09 29 22.7 0.0
N32M	Quiet Lake	83.58 331	P	P	09 29 22.7 -0.1
WRAC	Wrangell Islan	83.75 326	P	P	09 29 24.1 +0.4
F30M	Barrier River	83.91 337	P	P	09 29 24.6 +0.3
M31M	Drury Creek, Y	84.07 332	I	Amb	09 29 27.4
M31M	Drury Creek, Y	84.07 332	P	P	09 29 25.5 +0.2

P32M	Atlin	84.09 329	P	P	09 29 25.6 +0.1
SNA4	Sanae	84.13 169	IP	P	09 29 19.0 -6.4
G30M	Ach Zraii Nji	84.17 337	P	P	09 29 25.0 -0.8
CRAG	Craig	84.30 325	P	P	09 29 25.6 -0.9
EPYK	Eagle Plains	84.46 336	P	P	09 29 26.9 -0.3
I30M	Mount Dempster	84.50 335			

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TOLK Toolik Lake Re, BGCL Bering Glacier, D23K Namushuk River, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M13K Dall Lake, S14K Fog Glacier, S12K Black Hills, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HATHI Halema'uma'u T, SBLH Steaming Bluff, RSD Rainshed, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FINES, ARCES, QSPA, GERES, HFS, SPITS, NOA, SNA, DAVOX, B20K, E19K, B21K, F20K, E21K, JMJC, TOR, RAR, EKA, TBI, PPT2, PLID, NVAR, PDR, YHRN, DKNS, CPUP, APMT, TXAR, LPAZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like I46R, ZALV, ZALV, KURBB, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like I46R, ZALV, ZALV, KURBB, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAO, URZ, UZM, ASAR, WRA, FINES.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFAD, BKES, BKES, BKES, BALLY, BALLY, ISK.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EZN, GADA, COMU, COMU, DKL, GELI, LPK, ERIK, URLA, KRCB, ALN, MRMT, SUSR.

NEIC 18 10:12:01.7:0.6,36:069N:0:004:97:56W:0:01, h4km,2km, Error ellipse: s-maj=1.4km s-min=0.3km az=66.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OK029, ADOK, CROK, OK031, OK048, OK052, OKCSW, OKCSW, QUOK, OK051, BLOK, BLOK, BLOK, DEOK, DEOK, OK032, KAN14, KAN17, CSTR, CSTR, OK038, KAN05, W35A, W35A, T35A, T35A, KAN06, KAN08, U32A, U32A, U32A, KAN12, TUL3, WMOK, LROK, LROK, SMWD, WFTS, CBA, HHAR, CBKS, Z38A, MIAR, MIAR, SN07, SN07, WHAR, FCAR, FCAR, P38A, BRDY, KSCO, N35A, CCM, P40A, N38A, FVM, Q24A, N41A, N23A.

NEIC 18 10:33:25.3:0.7, 19:406N:0:008:155:280W:0:009, h1km,3km, Error ellipse: s-maj=1.4km s-min=1.0km az=121.0

HVO 18 10:33:24.0:0.6, 19:424N:0:008:155:277W:0:008, h1km,3km,ML3.1/34,ML2.5/38(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=199.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like UWB, OBL, SBLH, HATHI, UWE, WRMH, KOKO, RHM, SDHI, UWB, OBL, SBLH, HATHI, UWE, WRMH, KOKO, RHM, SDHI.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RSD, RSD, PUH, PUH, PUH, KNH, KNH, HLP, STCH, STCH, JOKA, JOKA, JOKA, HMH, HMH, MLOA, MLOA, MLOA, MWH, KHU, KHU, KHU, POHA, POHA, POHA, HHO, HHO, MHA.

IDC 18 10:33:59.8:0.7, 15:60S:173:04W, h0km,mb3.8/9, mbtp3.8/9,MS3.7/1, Error ellipse: s-maj=32.0km s-min=19.8km az=129.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAR, RAR, H11S2, H11S3, H11S1, H11N3, H11N1, H11N2, WRA, ASAR, ASAR, ASAR, VVDA, PETK, NVAR, QSPA, TXAR, PDAR, ILAR, BRTR.

HVO 18 10:36:30.7:1.0, 19:40N:0:01:155:275W:0:007, h0km,2km,ML4.0/10,ML3.4/38(NEIC), Error ellipse: s-maj=1.6km s-min=0.9km az=187.0

NEIC 18 10:36:31.4:1.1, 19:399N:0:006:155:263W:0:009, h5km,1km, Error ellipse: s-maj=2.2km s-min=1.6km az=60.0

IDC 18 10:36:33.1:1.8, 19:72N:155:31W, h0km,mb3.5/3, mbtp3.5/3, Error ellipse: s-maj=67.9km s-min=16.0km az=160.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RIM, KKO, OBL, BYL, UWB, HATHI, SDHI, UWE, WRMH, RSD, PUH, PUH, PUH, KNH, HLP, HLP, MLH, MLH, MLH, STCH, STCH, STCH, NPOC, NPOC, JUJZ, JUJZ, JOKA, JOKA, HMH, HMH.

18d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Gaotai, Petropavlovsk, Songino Array, Shemya Is, etc.

DJA 18 12:45:43.8±1.0, 1°N, 9°12'5E±1'0, h121km, 24km, M3.4/5, MLV3.4/5

IDC 18 12:45:56.4±9.2, 5°13'N, 126°49'E, h143km, 85km, mb3.4/6, mbmp3.8/6, Error ellipse: s-maj=145.8km s-min=16.6km az=66.0

ISC 18 12:45:56.5±1.2, 5.3N±0.2, 126.8E±0.3, h150km, n8, c=047/9, mb3.9/6, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SGGI, WRA, ASAR, MKAR, ZALV, etc.

HVO 18 13:04:59.3±1.1, 19°39'N, 0°04'±155°27'W, 0°007, h-0km, 4km, ML3.6/10, ML2.7/32(NEIC), Error ellipse: s-maj=0.9km s-min=0.7km az=84.0

NEIC 18 13:04:59.8±1.0, 19°39'N, 0°01±155°28'W, 0°006, h7km, 1km, Error ellipse: s-maj=1.9km s-min=0.7km az=165.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SDHHI, RIM, KKO, etc.

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Table with columns: RSD, IAML, Time, Res. Rows include stations like Hilina Pali, Kane Nui o Ham, etc.

NEIC 18 13:05:30.1±0.9, 19°43'N, 0°01±155°30'W, 0°006, h1km, 3km, ML3.8/7, ML3.2/25(NEIC), Error ellipse: s-maj=1.4km s-min=0.9km az=198.0, Hawaiian Islands

HVO 18 13:05:29.6±1.0, 19°41'N, 0°01±155°27'W, 0°007, h1km, 3km, ML3.8/7, ML3.2/25(NEIC), Error ellipse: s-maj=1.4km s-min=0.9km az=198.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like UWB, OBL, SBLHI, etc.

ISK 18 13:09:59.3, 40°75'N, 42°41'E, h6km, ML2.5/7

AFAD 18 13:10:00.0±0.0, 40°73'N, 42°42'E, h7km, 1km, ML1.9

ISC 18 13:09:59.8±1.0, 40°75'N, 0°03±155°42'W, 0°003, h8km, 9km, n14, c=061/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARDAHAN, GOLE, SENK, etc.

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IDC 18 13:22:59.7±64.0, 14°08'S, 166°42'E, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=1074.0km s-min=113.3km az=63.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like STKA, WRA, ASAR.

NEIC 18 13:35:09.4±0.9, 19°40'N, 0°009±155°28'W, 0°008, h1km, 2km, Error ellipse: s-maj=1.3km s-min=1.0km az=34.0

HVO 18 13:35:09.0±0.8, 19°39'N, 0°007±155°29'W, 0°007, h0km, 3km, ML3.1/20, ML2.5/26(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=210.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SDHHI, WRHM, RIM, etc.

NEIC 18 13:39:05.0±0.9, 19°38'N, 0°005±155°28'W, 0°008, h6km, 1km, Error ellipse: s-maj=1.0km s-min=0.8km az=99.0

HVO 18 13:39:04.6±0.8, 19°40'N, 0°004±155°27'W, 0°007, h1km, 2km, ML4.1/6, ML3.4/35(NEIC), Error ellipse: s-maj=1.0km s-min=0.6km az=94.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like RIM, KKO, OBL, etc.

MOS 18 13:42:59.8±1.6, 12°96'S, 45°67'E, h10km, mb5.0/26, MS4.4/6, Error ellipse: s-maj=11.3km s-min=6.1km az=85.6

BUI 18 13:43:00.2±0.0, 13°00'S, 45°67'E, h8km, mb4.7/43, mb5.2/11, MS4.8/28, MS7.4/5/29

IDC 18 13:43:00.5±0.5, 13°06'S, 45°75'E, h0km, mb4.3/27, mbmp4.4/30, ML4.6/3, MS4.4/55, Error ellipse: s-maj=17.3km s-min=12.8km az=88.0

NEIC 18 13:43:01.3, 13°19'S, 45°62'E, h12km, Moment Tensor Solution, Duration: 1s7, Moment tensor: Scale 10^16Nm, Mr:1.0, M0:0.48, M0p:1.88, M0:0.88, M0p:3.97, Mr:1.60

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SDHHI, RIM, KKO, etc.

18d 13h

Table of astronomical observations for 18d 13h, listing stations like GERES, RETA, MAKZ, MK31, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 2018 JUN, listing stations like VSU, KAPI, LZH, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 1072, listing stations like PPT2, TXAR, ELK, etc., with columns for station name, coordinates, and observation data.

18d 14h

TEH 18 14:04:52.1,30'43N,50'75E,h8km,27km,ML3.6
DSN 18 14:04:56.5,2.1,29.87N,50'81E,h10km,ML3.5/12,Error
ellipse: s-maj=27.2km s-min=11.6km az=2.0

OMAN 18 14:04:57.9,0.6,30'05N,51'16E,h8km,mb5.0/15,ml3.4/1,
Error ellipse: s-maj=4.7km s-min=4.2km az=164.0

ISC 18 14:04:50.9,0.5,30'38N,0'03,50'81E,0.04,h10km,0.08,
az=218/124,mb4.0/15,MS4.1/7,Northern and central Iran

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like ABEH, KLNJ, KAZZ, IBRJ, SHIR, ZNGN, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like A36M, C18K, E19K, INK, SHEM, etc.

NEIC 18 14:06:57.3,0.9,19'40N,0'04,155'275W,0'008,
h1km,9km,Error ellipse: s-maj=5.9km s-min=0.9km,
az=163.0

HVO 18 14:06:56.4,1.0,19'40N,0'00,155'271W,0'008,
h1km,9km,ML2.7/14,ML1.7/25(NEIC),Error ellipse:
s-maj=1.6km s-min=0.6km az=216.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like RIM, BYL, HATHI, UWB, etc.

SJA 18 14:11:19.8,0.7,31'09S,68'39W,h12km,2km,ML3.6,
MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like ZON, DOCA, ACCO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like TCA, VA01, RFA, etc.

MEX 18 14:11:54.0,0.7,15'00N,92'59W,h109km,5km,MD4.2
CATAC 18 14:11:54.0,0.6,15'00N,92'60W,h107km,5km,ML4.1
ISC 18 14:11:52.3,1.3,14'38N,0'05,92'69W,0.03,h108km,7km,
n30,i,1959/17,Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like THIG, PATR, PAVENCUL, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NCU National Centr, NCUH Zhongli, LXIB Xiulin Townshi, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWF1 Yuli, TCU Taichung, WWF Wufeng, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SGST Jiashian, WSL Shulin Townsh, JOGS Gusukube, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MAJO Matsuhiro, MJAR Matsuhiro Arr, JSD Sado, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like D22K, C23K, D24K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time Res. Includes stations like MWH, KHU, HPO, etc.

18d 16h

Table with columns: TX31, TXAR, TXAR, TXAR, BDFB, VAND, VAND, QSPA, QSPA, QSPA, SAND, SAND, PCRV, VHRN, RPZ, 319A, JCT, MNHN, MNHN, BRDY, BRDY, 121A, SGCY, ABTX, SN07, SN07, APMT, X18A, X18A, MSTX, MSTX, ANMO, SMWD, SHRP, WCT, RTBA, RTBA, MDP, MDCV, MDCV, LRAL, LRAL, CCUT, GDSB, HZP, HMU, SNA, SNA, SNA, SNA, SNA, SNA, SDCO, QK051, TPH, R11B, HHAR, HHAR, T35A, T35A, MVU, FCAR, PSUT, PSUT, NVAR, NVAR, Q16A, Q16A, LCAR, LCAR, TROLI, KVN, KVN, P17A, MGMO, MGMO, V48A, V48A, ISCO, ISCO, BMN, RDMU, R40A, R40A, TKL, BGU, BGU, T47A, T47A, S44A, S44A, N23A, N23A, PHWY, Q44A, N35A, WYOR, PDAR, PDAR, K22A, K22A, HLID, HLID, RSD, RSD, L40A, L40A, RLMT, RLMT

2018 JUN

Table with columns: F10A, F10A, G47A, G47A, K57A, K57A, KSCOT, SADO, SADO, SADO, ULM, MAW, MAW, EDM, EDM, FFC, FFC, H1S2, H1S1, H1S3, YKA, H1N3, H1N1, H1N2, H1W1, H1W2, H1W3, XAN, XAN, XAN, SONM, CMAR, BRTR, GTA, GTA, GTA, ZALV, BVAR, KURBB, KURBB, MKAR, NEIC 18 15:59:31.1, HVO 18 15:59:30.6, Code, Station Name, A° AZ', Op, Phase ID, Time, Res

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Table with columns: LWE, RIM, RIM, BYL, KKH, SBLH, WRMH, HATHI, SDHHI, RSD, PUH, PUH, KNNH, HLP, HLP, MAW, MAW, MLH, MLH, STCH, STCH, NPOC, JCUZ, HJC, JOKA, JOKA, JOKA, JOKA, JOKA, HMM, HMM, MLOA, MLOA, KHEU, ALEP, HPO, POHA, POHA, HUH, HUH, HPAA, MHA, BYL, RIM, HATHI, OBL, SBLH, SDHHI, UWE, UWE, WRMH, PUH, PUH, PUH, RSD, RSD, STCH, STCH, MLH, MLH, MLH, NPOC, HJC, JOKA, KHA, NEIC 18 16:03:40.9, HVO 18 16:03:40.2, Code, Station Name, A° AZ', Op, Phase ID, Time, Res

18d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

18d 16:31:42.0, 0.91N, 126.07E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=169.1km s-min=25.6km az=65.0

DJA 18 16:38:35.7, 0.5, 1.1N, 5.12E, h76km, 13km, M3.6/8, mb3.9/1, MLV3.5/5

ISC 18 16:37.8-1.2, 0.9N, 126.15E, 0.06, h44km, n9, a1840/9, mb3.5/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

18d 16:31:13.2, 4.4, 23.32S, 176.76W, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=118.8km s-min=44.2km az=31.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

RSPR 18 16:41:45.6, 17.92N, 68.39W, h80km, 8km NEIC 18 16:41:45.0-0.3, 17.9N, 0.2-6.6W, 0.1, h77km, 22km, ML2.1/10, MD2.9/2(RSPR), Error ellipse: s-maj=30.8km s-min=8.8km az=203.0

SDD 18 16:41:47.2, 1.9, 18.25N, 68.39W, h103km, 14km, MD2.7, ML2.1, MW2.5

ISC 18 16:41:46.0, 1.3, 18.22N, 0.1, 68.30W, 0.05, h95km, n18, c089/22, 10C, 1.8, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

2018 JUN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

NEIC 18 16:59:46.1, 0.7, 19.37S, 0.007, 155.449W, 0.002, h5km, 1km, Error ellipse: s-maj=2.9km s-min=1.3km az=87.0

HVO 18 16:59:45.8, 0.6, 19.374N, 0.008, 155.450W, 0.004, h8km, 2km, ML2.6/35, ML2.8/44(NEIC), Error ellipse: s-maj=1.1km s-min=0.6km az=17.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

18d 16:31:42.0, 0.91N, 126.07E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=169.1km s-min=25.6km az=65.0

DJA 18 16:38:35.7, 0.5, 1.1N, 5.12E, h76km, 13km, M3.6/8, mb3.9/1, MLV3.5/5

ISC 18 16:37.8-1.2, 0.9N, 126.15E, 0.06, h44km, n9, a1840/9, mb3.5/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

18d 16:31:13.2, 4.4, 23.32S, 176.76W, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=118.8km s-min=44.2km az=31.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

18d 17:17:16.5, 0.2, 4.65N, 128.27E, h40km, 25km, mb3.8/9, mbmp4.0/21, ML4.0/2, MS3.4/1, Error ellipse: s-maj=27.4km s-min=12.1km az=77.0

ISC 18 17:17:16.5, 0.2, 4.65N, 128.27E, h40km, 25km, mb3.8/9, mbmp4.0/21, ML4.0/2, MS3.4/1, Error ellipse: s-maj=27.4km s-min=12.1km az=77.0

ISC 18 17:17:16.5, 0.2, 4.65N, 128.27E, h40km, 25km, mb3.8/9, mbmp4.0/21, ML4.0/2, MS3.4/1, Error ellipse: s-maj=27.4km s-min=12.1km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

KSH	Kashi	58.42	314	P	P	17	26	56.4	+3.1
KSH				PP	PP	17	29	05.1	+2.5
KSH					pmax				
comp=Z,5.0nm,1.0s									
NIL	Nilore	58.50	307	P	P	17	26	54.1	+0.3
BOOM	Boomsokusch	59.62	317	P	P	17	26	59.2	-2.4
BOOM				Iamb	Iamb	17	27	12.4	
comp=Z,0.4nm,1.2s									
ZALV	Zalesovo Beam	60.45	332	P	P	17	27	05.3	-1.6
ZALV	Zalesovo Beam	60.45	332	P	P	17	27	07.2	+0.3
comp=Z,2.0nm,0.3s,baz=125,slow=12,SNR=4.3									
comp=Z,0.4nm,0.3s									
AAK	Ala-Archa	60.66	317	P	P	17	27	08.9	+0.2
AAK				Iamb	Iamb	17	27	12.5	
comp=Z,6.7nm,1.3s									
DRK	Karamyk	61.42	313	P	P	17	27	11.4	-2.8
KURK	Kurchatov	61.76	327	P	P	17	27	16.3	+0.5
KURB	Kurchatov Arra	61.76	327	P	P	17	27	15.6	-0.3
comp=Z,2.0nm,0.6s,baz=125,slow=5.9,SNR=24									
KBL	Kabul	62.10	307	P	P	17	27	16.9	-1.8
BTK	Batken	62.33	313	P	P	17	27	20.3	+0.3
GAR	Garm	62.37	312	P	P	17	27	18.1	-2.2
CHYG	Chuyangaron	63.13	311	P	P	17	27	25.5	+0.1
SHJ	Simigirj	63.24	311	P	P	17	27	25.7	+0.3
SHJ				Iamb	Iamb	17	27	27.9	
comp=Z,3.7nm,0.9s									
KK31	Karabay Array	63.55	316	P	P	17	27	29.0	+1.0
KK31				Iamb	Iamb	17	27	30.7	
comp=Z,6.3nm,1.1s									
KKAR	Karabay Array	63.55	316	P	P	17	27	29.0	+1.0
KKAR	Karabay Array	63.55	316	P	P	17	27	28.3	+0.4
KKAR				Iamb	Iamb	17	27	30.7	
comp=Z,6.3nm,1.1s									
BVAR	Borovoye Array	67.35	326	P	P	17	27	52.6	+0.2
comp=Z,2.2nm,0.7s,baz=116,slow=6.8,SNR=11									
BRVK	Borovoye	67.42	326	P	P	17	27	53.2	+0.4
BRVK				Iamb	Iamb	17	27	54.5	
comp=Z,6.7nm,1.1s									
NR1K	Noril'sk	69.92	346	P	P	17	28	08.1	+0.1
NR1K	Noril'sk	69.92	346	P	P	17	28	06.0	-2.1
comp=Z,1.0nm,0.3s,baz=170,slow=16,SNR=1.8									
comp=Z,0.5nm,0.3s									
GEYT	Alibeck	71.44	308	P	P	17	28	17.1	-0.9
GEYT				Iamb	Iamb	17	28	27.5	
comp=Z,7.2nm,1.2s									
GEYT	Alibeck	71.44	308	P	P	17	28	17.3	-0.7
comp=Z,1.7nm,0.7s,baz=193,slow=4.6,SNR=5.9									
comp=Z,1.7nm,0.7s									
GYA0B	ALIBECK ARRAY	71.44	308	P	P	17	28	17.5	-0.5
GYA0B				Iamb	Iamb	17	28	29.7	
comp=Z,5.1nm,1.1s									
ABKAR	Akbulak array	72.36	320	P	P	17	28	25.5	+0.3
ARU	Arti	74.94	327	P	P	17	28	37.8	-0.5
E19K	Redstone River	79.89	22	P	P	17	29	05.9	+0.1
B21K	Ikpikpuk River	81.27	20	P	P	17	29	14.4	+1.3
B21K				Iamb	Iamb	17	29	28.1	
comp=Z,5.4nm,1.0s									
E21K	Killik River	81.29	21	P	P	17	29	13.0	-0.3
RAYN	Ar Rayn	81.42	293	P	P	17	29	14.8	-0.2
RAYN				Iamb	Iamb	17	29	23.2	
comp=Z,7.0nm,1.1s									
B22K	Teshkpkuk Lake	81.79	20	P	P	17	29	15.8	0.0
B22K				Iamb	Iamb	17	29	31.6	
comp=Z,12nm,1.5s									
ILAR	Eielson Array	83.71	25	P	P	17	29	25.5	-0.5
comp=Z,0.3nm,0.5s,baz=247,slow=5.4,SNR=4.4									
comp=Z,0.3nm,0.5s									
VNDA	Vanda	84.12	173	P	P	17	29	25.6	-2.2
comp=Z,0.5nm,0.8s,baz=333,slow=2.3,SNR=2.1									
comp=Z,0.5nm,0.8s									
ARCES	ARCSES Array B	90.10	340	P	P	17	29	56.5	-0.5
comp=Z,1.7nm,0.9s,baz=80,slow=5.0,SNR=1.5									
comp=Z,1.7nm,0.9s									
FINES	FINESSE Array B	91.72	332	P	P	17	30	04.7	+0.1
comp=Z,1.1nm,0.8s,baz=123,slow=6.4,SNR=3.4									
comp=Z,1.1nm,0.8s									
TORD	Tordi Ar. Bea	123.96	289	PKP	PKPpdf	17	35	55.7	-0.9
comp=Z,0.3nm,0.3s,baz=136,slow=2.9,SNR=2.0									

DJA 18:17:19:34.5:1.9,3'S:9°:14'0E, h10km, M2.5/2, MLv2.5/2, Irian Jaya

Code	Station Name	Δ° AZ°	Phase ID	Time Res
GNI	Genyem	0.42 358	P	17 19 44.5 +0.4
GNI	Genyem	0.42 358	P	17 19 44.5 +0.9
QSPA	South Pole Qui	66.82 180	P	17 19 44.5 +1.3
QSPA			Iamb	17 19 45.0 +0.6
JAY	Jayapura	0.73 46	P	17 19 45.0 +0.6
JAY	Jayapura	0.73 46	P	17 19 45.0 +0.6
JAY	Jayapura	0.73 46	P	17 19 45.0 +2.2
89nm,0.8s,820nm				

NOU 18:17:26:35.2,38'48"E:140'80"E, h0km, MLv4.3/12, Near Coast of South Australia

AUST 18:17:26:38.4,0.3,38'S:14'1E, h10km, mb4.7, Mjma 4.6/9, ML3.1/5, MLv4.2/8, Error ellipse: s-maj=6.6km s-min=3.9km az=31.4

IDC 18:17:29:41.8,9.7,37.81S:139'76E, h0km, mbtmp3.2/3, ML3.3/3, Error ellipse: s-maj=105.4km s-min=74.4km az=146.0

ISC 18:17:26:35.4:1.2,38.31S:008.140'85E:0.07, h10km, n47, e241/51,3D, Near coast of South Australia

Code	Station Name	Δ° AZ°	Phase ID	Time Res
ARPS	Mount Arapiles	1.73 27	P	17 27 08.2 +0.9
ARPS	Mount Arapiles	1.73 27	P	17 27 08.2 +0.9
ARPS	Mount Arapiles	1.73 27	P	17 27 28.5 +0.8
AUMTC	Mt Clear Colle	2.50 75	S	17 27 17.6 +1.5
AUMTC	Mt Clear Colle	2.50 75	S	17 27 46.2 -0.4
BRAT	Ballarart	2.55 74	S	17 27 18.8 +1.9
BRAT	Ballarart	2.55 74	S	17 27 18.5 +1.6
BRAT	Ballarart	2.55 74	S	17 27 16.1 +1.4
GEXS	Deakin Univer	2.71 89	P	17 27 20.8 +1.8
GEXS	Deakin Univer	2.71 89	P	17 27 49.1 -2.8
GVL	Greenvale	3.28 79	P	17 27 28.4 +1.6
GVL	Greenvale	3.28 79	P	17 27 28.4 +1.6
AUMBR	Murray Bridge	3.41 338	P	17 27 03.6 -2.3
TOO	Toolangi	3.75 80	P	17 27 31.4 +2.8
TOO	Toolangi	3.75 80	P	17 27 35.2 +1.9
TOO	Toolangi	3.75 80	P	17 28 16.3 -1.2
AUMIAG	Moama Anglican	3.82 56	P	17 27 36.8 +2.5
HTT	Hallett	5.12 342	P	17 27 55.2 +3.0
HTT	Hallett	5.12 342	P	17 27 55.4 +3.3
comp=Z,1.4nm,2.5s,comp=Z,2.16μmcomp=Z,0.1nm				
WHYH	Whyalla	5.90 332	P	17 28 06.9 +4.0
comp=Z,0.9nm,0.4s,comp=Z,1.06μmcomp=Z,82μmcomp=Z,0.0nm				
GLAD	Gladstone	6.14 118	P	17 28 05.9 -0.2
comp=Z,3.1nm,1.2s,comp=Z,130nmcomp=Z,102μmcomp=Z,0.1nm				
MOO	Moorlands	6.36 132	P	17 28 10.7 +1.6
STKA	Stevens Creek	6.45 6	P	17 28 13.8 +3.4
STKA	Stevens Creek	6.45 6	P	17 28 13.3 +2.9
comp=Z,0.6nm,0.3s,baz=185,slow=14,SNR=8.5				
STKA			P	17 29 22.2 -1.9
comp=Z,2.9nm,0.3s,baz=250,slow=2.1,SNR=11				
STKA	Stevens Creek	6.45 6	P	17 28 13.4 +2.9
STKA	Stevens Creek	6.45 6	S	17 28 12.9 -2.1
TAAU	Tasmania Univ	6.73 135	P	17 28 15.4 +1.1
comp=Z,3.6nm,2.1s,comp=Z,3μmcomp=Z,362μmcomp=Z,0.2nm				
BBOO	Bucklebo	6.73 323	P	17 28 17.0 +2.6
BBOO	Bucklebo	6.73 323	P	17 28 17.1 +2.8
comp=Z,3.2nm,2.0s,comp=Z,256μmcomp=Z,0.1nm				
BBOO	Bucklebo	6.73 323	S	17 29 28.6 -2.5
CAN	Canberra	7.19 68	P	17 28 22.4 +1.8
CAN	Canberra	7.19 68	P	17 28 23.4 +2.7
YNG	Young	7.29 59	P	17 28 24.6 +2.6
YNG	Young	7.29 59	P	17 28 24.0 +2.0
CNB	Canberra Magne	7.46 69	P	17 28 36.9 +2.6
CMSA	Cobar Meteorol	7.84 32	P	17 28 32.6 +3.1
CMSA	Cobar Meteorol	7.84 32	P	17 28 30.7 +1.2
comp=Z,1.0nm,1.7s,comp=Z,1μmcomp=Z,127μmcomp=Z,0.1nm				
CMSA	Cobar Meteorol	8.14 344	P	17 28 55.0 -3.3
LCKR	Leigh Creek	8.14 344	P	17 28 36.7 +3.0
LCKR	Leigh Creek	8.14 344	P	17 28 36.7 +3.0
LCKR	Leigh Creek	8.14 344	S	17 30 05.6 -0.1
MULG	Mulgathing	9.78 323	P	17 28 58.1 +2.0
MULG	Mulgathing	9.78 323	P	17 28 58.0 +1.9
comp=Z,2.5nm,2.6s,comp=Z,2μmcomp=Z,0.1nm				

MULG	Mulgathing	9.78 323	S	Sn	17 30 41.5 -4.5
INKA	Innaminka	10.54 360	P	Pn	17 29 08.0 +1.4
OOD	Oodnadatta	11.34 336	P	P	17 29 20.1 +2.6
OOD	Oodnadatta	11.34 336	S	Sn	17 21 20.1 -4.2
OOD	Oodnadatta	11.34 336	P	P	17 29 17.7 +0.2
ASAR	Alice Springs	15.76 336	Pn	Pn	17 30 16.5 -1.0
comp=Z,1.1nm,0.3s,baz=172,slow=8.9,SNR=11					
ASAR			Sn	Sn	17 30 03.4 -8.9
comp=Z,0.1nm,0.3s,baz=167,slow=23,SNR=4.1					
WRA	Warramunga Arr	19.16 341	P	P	17 30 57.9 -1.1
comp=Z,0.1nm,0.3s,baz=176s,slow=11,SNR=1.9					
comp=Z,0.6nm,0.9s					

IDC 18:17:29:44.4,6.2,31.14S:179'80W, h528km, 72km, mb3.4/8, mbtmp4.3/8, Error ellipse: s-maj=32.6km s-min=19.8km az=47.0

NEIC 18:17:29:46.8,1.0,23.1S:0.1°:179'6W,0.1°, h574km, 11km, mb4.5/17, Error ellipse: s-maj=22.1km s-min=17.6km az=155.0

ISC 18:17:29:45.6:0.6,23.26S:0.1°:179.70W:0.09, h550km, n50, e133/50, mb4.3/13, South of Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
MSVF	Nonsavu	5.89 339	Op	17 31 25.8 +2.7
NIUE	Niue	10.02 67	P	17 32 04.1 +0.3
PINN	Pines Island,	11.87 271	P	17 32 24.6 +1.8
LIFNC	LIFOU	12.37 279	P	17 32 27.8 -0.1
DZM	Mont Dzumac	12.85 273	P	17 32 34.7 +1.6
TOZ	Tahuroa Reef	15.00 195	P	17 32 55.8 +0.9
RTZ	Ruatiana	15.57 190	P	17 32 57.4 -3.4
BKZ	Black Stump Fm	16.19 191	P	17 33 02.7 -1.1
MRZ	Mangatainopa R	17.80 192	P	17 33 19.7 -4.8
QRZ	Quartz Range	18.70 199	P	17 33 29.0 -0.6
TKNZ	Takaka Hill	18.77 197	P	17 33 30.6 +0.3
NIWZ	Nelson	18.83 196	P	17 33 30.4 -0.4
THWZ	Tuamarina	18.89 195	P	17 33 31.3 -0.1
TUZ	Topouse	19.46 197	P	17 33 36.7 0.0
DSZ	Dennistown Nort	19.78 199	P	17 33 40.2 +0.9
LTZ	Lake Taylor	19.85 197	P	17 33 46.1 -0.7
INC	Inchbonnie	20.76 191	P	17 33 58.0 -0.4
OXZ	Oxford	21.15 197	P	17 33 51.5 -0.4
WHZ	Whiter Hill Ro	24.71 201	P	17 34 24.7 +1.2
ARMA	Armidale	26.51 248	P	17 34 41.2 +1.4
EIDS	Eidsvold	26.69 259	P	17 34 41.8 +0.4
CTAO	Canberra	29.71 239	P	17 35 08.5 +1.0
CTAO	Charters Tower	31.78 226	P	17 35 25.9 +0.5
TOO	Toolangi	33.03 236	P	17 35 36.3 +0.4
TOO			Iamb	17 35 57.5
comp=Z,3.0nm,1.4s				
STKA	Stevens Creek	35.22 247	P	17 35 54.3 +0.2
STKA	Stevens Creek	35.22 247	P	17 35 54.3 0.0
comp=Z,1.1nm,0.6s,baz=101,slow=11,SNR=10				
comp=Z,4.1nm,0.6s				
COEN	Coen	36.30 278	P	17 36 03.9 +0.5
BBOD	Bucklebo	39.95 246	P	17 36 32.5 -0.4
AS31	Alice Springs	42.42 260	P	17 36 52.9 +0.3
ASAR	Alice Springs	4		

18d 21h

ISC 18 20:59:40.7,0.7,5.36S,0.08,154.46E,0.09,h118km,n29,
c1944/28,mb3.9/14,Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like Rabaul, Manus Island, Port Moresby, Tarawa, Eidsvold, etc.

NEIC 18 21:00:29.5,1.1,35.38N,0.01,98.06W,0.01,h5km,1km,
Error ellipse: s-maj=2.8km s-min=1.9km az=237.0
TUL 18 21:00:30.3,1.2,35.36N,0.01,98.07W,0.01,h8km,3km,
ML2.7,mb_Lg2.4/38(NEIC),ML2.4/38(NEIC),Error
ellipse: s-maj=1.8km s-min=1.6km az=216.0,Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like Franklin, Hydro, Arcadia Dam, etc.

2018 JUN

Table with columns: T25A, Trinidad, 5.42 291, Iamb_Lg, 21 03 28.4, etc.

ISC 18 21:44:45.5,2.3,57.98N,156.81W,h132km,19km,
mb3.4/11,mbtmp3.8/15,Error ellipse: s-maj=30.5km
s-min=21.4km az=30.0
NEIC 18 21:44:46.8,1.6,57.78N,156.81W,0.09,
h156km,6km,Error ellipse: s-maj=7.8km s-min=5.1km
az=56.0
AEIC 18 21:44:48.2,1.5,57.77N,156.81W,0.09,
h147km,3km,ML3.4,ML3.3/82(NEIC),Error ellipse:
s-maj=7.3km s-min=6.4km az=81.0

ISC 18 21:44:46.8,0.7,57.79N,156.81W,0.05,
h152km,6km,n273,c0896/292,mb3.6/11,Alaska
Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include stations like Contact Creek, Katmai Mt Cereb, etc.

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Table with columns: ILSW, comp=N,52nm,1.5s, IAML, 21 46 08.1, etc. Rows include stations like Iliamna Low So, Nishik Lake, etc.

SML	Sawmill	5.81	43	Pn	Pn	21 46 09.2	-1.7
SML	Sawmill	5.81	43	Pn	Pn	21 46 09.5	-1.4
HIN	Hinchinbrook I	5.84	59	Pn	Pn	21 46 10.7	-0.5
J16K	Anvik River	5.84	342	P	Pn	21 46 11.6	+0.3
J16K	Anvik River	5.84	342	P	Pn	21 46 11.8	+0.5
FID	Port Fidalgo	5.99	56	Pn	Pn	21 46 11.8	-1.5
CAST	Castle Rocks	6.07	20	Pn	Pn	21 46 14.9	+0.6
CAST	Castle Rocks	6.07	20	Pn	Pn	21 46 14.9	+0.6
SCM	Sheep Creek Mo	6.20	45	Pn	Pn	21 46 15.0	-1.1
SCM	Sheep Creek Mo	6.20	45	Pn	Pn	21 46 15.5	-0.6
EYAK	Cordova Ski Ar	6.24	59	Pn	Pn	21 46 16.5	-0.1
EYAK	Cordova Ski Ar	6.24	59	Pn	Pn	21 46 16.0	-0.6
EYAK	Cordova Ski Ar	6.24	59	Pn	Pn	21 46 16.4	-0.1
J19K	Poorman	6.24	4	Pn	Pn	21 46 17.3	+0.8
J19K	Poorman	6.24	4	Pn	Pn	21 46 17.3	+0.8
KTH	Kantishna Hill	6.42	23	Pn	Pn	21 46 19.9	+0.9
DIV	Divide	6.47	54	Pn	Pn	21 46 19.1	-0.5
J20K	Nowinta River	6.52	10	Pn	Pn	21 46 20.3	+0.3
J20K	Nowinta River	6.52	10	Pn	Pn	21 46 20.8	+0.6
KLU	Klutina	6.57	51	Pn	Pn	21 46 21.0	0.0
KLU	Klutina	6.57	51	Pn	Pn	21 46 21.1	0.0
KAIM	Kayak Island	6.69	66	Pn	Pn	21 46 23.0	+0.4
RAGM	Ragged Mountai	6.69	62	Pn	Pn	21 46 23.0	+0.4
RND	Reindeer	6.81	31	Pn	Pn	21 46 23.0	-1.2
UNV	Unalaska Valle	6.82	239	Pn	Pn	21 46 23.8	-0.5
UNV	Unalaska Valle	6.82	239	Pn	Pn	21 46 23.1	-1.3
UNV	Unalaska Valle	6.82	239	Pn	Pn	21 46 23.4	-0.9
HMT	Hamilton	6.87	63	Pn	Pn	21 46 25.4	+0.4
BPAW	Bear Paw Mtn.	6.90	21	Pn	Pn	21 46 24.5	-0.8
BPAW	Bear Paw Mtn.	6.90	21	Pn	Pn	21 46 25.3	0.0
BMRM	Bremner River	6.92	58	P	Pn	21 46 25.5	-0.1
N25K	Chitina, Valde	7.19	53	Pn	Pn	21 46 29.3	0.0
N25K	Chitina, Valde	7.19	53	Pn	Pn	21 46 29.6	+0.3
KHIT	Khitrov Hills	7.38	63	Pn	Pn	21 46 32.1	+0.2
H18K	Honhosa River	7.43	354	Pn	Pn	21 46 33.3	+0.9
GLB	Gilghina Butte	7.46	55	Pn	Pn	21 46 32.6	-0.2
WACK	Wrangell Butte	7.46	51	Pn	Pn	21 46 33.6	-0.2
WASW	Wrangell South	7.52	51	Pn	Pn	21 46 34.4	+0.6
VRH	Sunshine Point	7.52	66	Pn	Pn	21 46 33.5	-0.2
SNDI	Verde Repeater	7.54	57	Pn	Pn	21 46 33.8	-0.2
WAX	Waxell Ridge	7.58	64	Pn	Pn	21 46 34.9	+0.5
PAX	Paxson	7.58	42	Pn	Pn	21 46 33.6	-0.8
PAX	Paxson	7.58	42	Pn	Pn	21 46 34.0	-0.5
NEA2	Nenana	7.73	25	Pn	Pn	21 46 34.3	-2.1
H19K	Roundabout Mou	7.76	1	Pn	Pn	21 46 37.2	+0.4
MCARA	McCarthy VSAT	7.79	57	Pn	Pn	21 46 38.0	+0.9
MCARA	McCarthy VSAT	7.79	57	Pn	Pn	21 46 37.1	0.0
OKTU	Okmok Mt. Tuli	7.82	240	Pn	Pn	21 46 36.4	-1.3
WRH	Wood River Hill	7.87	28	Pn	Pn	21 46 35.9	-2.3
KIAG	Kiagna River	7.94	61	Pn	Pn	21 46 40.0	+0.6
UESA	UESA	7.95	51	Pn	Pn	21 46 40.6	+0.3
PTPK	Patty Peak	7.97	59	Pn	Pn	21 46 40.2	+0.4
CCB	Clear Creek Bu	8.08	28	Pn	Pn	21 46 39.2	-1.9
H21K	Melozitna Rive	8.10	11	Pn	Pn	21 46 42.1	+0.9
H21K	Melozitna Rive	8.10	11	Pn	Pn	21 46 42.0	+0.7
HDA	Harding Lake	8.12	31	Pn	Pn	21 46 39.4	-2.1
I23K	Minto, Yukon-K	8.15	22	Pn	Pn	21 46 40.7	-1.3
M26K	Nabesna, AK	8.23	50	Pn	Pn	21 46 43.5	+0.4
MDM	Murphy Dome	8.24	26	Pn	Pn	21 46 40.9	-2.3
BARN	Barnard Glacier	8.30	61	Pn	Pn	21 46 44.4	+0.2
L26K	Log Cabin Wild	8.42	30	Pn	Pn	21 46 44.0	+0.6
IL31	Ilar	8.42	30	Pn	Pn	21 46 43.7	-1.8
ILAR	Eielson Array	8.42	30	Pn	Pn	21 46 43.2	-2.4
ILAR	Eielson Array	8.42	30	Pn	Pn	21 46 43.7	-1.8
ILAR	comp=E, 1.2nm, 0.4s, baz=215, slow=13, SNR=27					21 48 10.4	-8.6
CTG	China Glacier	8.43	61	Pn	Pn	21 46 46.6	+0.7
CTGM	China Glacier	8.43	61	Pn	Pn	21 46 46.2	+0.3
NIKH	Nikolski High	8.46	240	Pn	Pn	21 46 45.4	+0.8
LOGN	Logan Glacier	8.55	63	Pn	Pn	21 46 47.7	+0.2
POKR	Poker Plat Res	8.56	27	Pn	Pn	21 46 46.0	-1.4
POKR	Poker Plat Res	8.56	27	Pn	Pn	21 46 46.8	-0.6
M27K	Edge Creek, AK	8.67	52	Pn	Pn	21 46 49.8	+0.7
M27K	Edge Creek, AK	8.67	52	Pn	Pn	21 46 49.5	+0.4
H23K	Yukon River	8.72	20	Pn	Pn	21 46 49.6	0.0
J25K	Salcha River	8.73	34	Pn	Pn	21 46 47.2	-2.5
J25K	Salcha River	8.73	34	Pn	Pn	21 46 48.2	-1.5
SCRK	Sand Creek	8.73	40	Pn	Pn	21 46 47.4	-2.5
SCRK	Sand Creek	8.73	40	Pn	Pn	21 46 48.2	-1.7
G21K	Allakaket	8.87	8	Pn	Pn	21 46 52.2	+0.6
YUK2	White River	8.90	57	Pn	Pn	21 46 53.1	+1.0
O28M	Mount Upton	8.93	64	Pn	Pn	21 46 53.6	+0.9
O28M	Mount Upton	8.93	64	Pn	Pn	21 46 53.6	+0.9
L27K	Beaver Creek,	9.02	48	Pn	Pn	21 46 54.4	+0.8
BCAR	Beaver Creek A	9.04	48	Pn	Pn	21 46 53.7	-0.1
YUK3	Moose Creek	9.07	57	Pn	Pn	21 46 55.4	+0.9
YUK3	Moose Creek	9.07	57	Pn	Pn	21 46 55.4	+0.9
J26L	Joseph Creek	9.21	38	Pn	Pn	21 46 55.1	-1.1
J26L	Joseph Creek	9.21	38	Pn	Pn	21 46 55.2	-1.0
F20K	Avaraat Lake	9.30	2	Pn	Pn	21 46 58.5	+1.3
K27K	Chicken	9.44	42	Pn	Pn	21 46 59.2	+0.1
G29K	Baranza Creek	9.47	16	Pn	Pn	21 47 00.1	+1.4
F21K	Alatina River	9.57	7	Pn	Pn	21 47 01.4	+0.5
O29M	Mount Kennedy	9.63	67	Pn	Pn	21 47 02.1	+0.2
O29M	Mount Kennedy	9.63	67	Pn	Pn	21 47 01.8	-0.1
YUK6	Outpost Mounta	9.84	64	Pn	Pn	21 47 06.0	+1.4
YUK6	Outpost Mounta	9.84	64	Pn	Pn	21 47 06.0	+1.4
I26K	Coal Creek Min	9.88	35	Pn	Pn	21 47 03.1	-1.9
M29M	Somme Creek	10.18	55	Pn	Pn	21 47 09.9	+0.9
HYT	Haines Junction	10.23	65	Pn	Pn	21 47 11.6	+1.8
N30M	Aishikik Lake	10.54	61	Pn	Pn	21 47 13.0	-0.8
L29M	L29M	10.56	52	Pn	Pn	21 47 13.4	-0.5
D19K	Kuna River	10.76	357	Pn	Pn	21 47 17.5	+0.9
S31K	Pelican	10.86	80	Pn	Pn	21 47 17.6	-0.3
O30N	Mendenhall	10.91	66	Pn	Pn	21 47 19.6	+1.0
M30M	Minto, Yukon	10.95	36	Pn	Pn	21 47 20.3	+0.1
I28M	Miner Creek	11.01	39	Pn	Pn	21 47 19.3	-0.7
K29M	Barlow Dome	11.10	49	Pn	Pn	21 47 22.9	+1.8
BMAR	Burnt Mountain	11.12	25	Pn	Pn	21 47 21.2	-0.1
WHY	Whitehorse	11.49	66	Pn	Pn	21 47 26.5	+0.2
JIS	Juneau Island	11.79	78	Pn	Pn	21 47 22.6	-7.5
J30M	Hart River	11.88	47	Pn	Pn	21 47 33.1	+1.9
M31M	Drury Creek, Y	11.95	59	Pn	Pn	21 47 33.5	+1.4
P32M	Atlin	12.04	72	Pn	Pn	21 47 36.2	+2.9
G29K	Meade River	12.27	30K	Pn	Pn	21 47 36.3	+0.2
P33M	Teslin, Yukon	12.49	69	Pn	Pn	21 47 42.9	+2.9
E20K	Pine Creek	12.52	36	Pn	Pn	21 47 45.8	+0.8
B22K	Teshkpek Lake	12.67	5	Pn	Pn	21 47 40.0	-1.3
U33K	Whale Pass	12.93	87	Pn	Pn	21 47 45.0	+0.2
H31M	Peel River	13.18	43	Pn	Pn	21 47 50.7	-1.6
R30M	Jennings River	13.21	39	Pn	Pn	21 47 51.9	+0.3
E23M	Blow River	13.52	31	Pn	Pn	21 47 52.3	+0.2
G31M	Satah River	13.75	39	Pn	Pn	21 47 56.4	+1.4
DLBC	Dease Lake	14.05	76	Pn	Pn	21 48 00.2	+1.2
INUK	comp=E, 2.2nm, 0.7s, baz=267, slow=11, SNR=3.3					21 48 09.1	-0.5
INUK	Inuvik	14.74	35	Pn	Pn	21 48 05.5	-1.9
INUK	Inuvik	14.74	35	Pn	Pn	21 48 05.5	-1.9
YKA	Yellowknife Ar	21.15	60	Pn	Pn	21 49 19.8	+0.3
PDAR	Pinedale Array	32.87	96	Pn	Pn	21 51 08.4	+2.2
SCHO	Schefferville	46.38	53	P	P	21 52 58.1	+0.7

SOMN	Songino Array	54.53	305	P	P	21 53 58.2	-0.5
FINES	FINES Array B	61.08	359	P	P	21 54 42.8	-1.2
HFS	Hagfors	62.17	5	P	P	21 54 50.4	-0.9
KURBB	Kurchatov Arra	62.86	324	P	P	21 54 55.7	-0.3
BVAR	Borovoye Array	63.09	330	P	P	21 54 57.2	-0.3
EKA	Eskdalemuir Ar	65.21	16	P	P	21 55 11.2	-0.1
AKASO	Main Array Be	71.76	356	P	P	21 55 51.1	-0.8
ESDC	Sonsec Array	80.22	21	P	P	21 56 40.9	+0.8
GSPA	South Pole Qui	147.58	180	P	P	22 04 12.0	+0.5

NIED 18 21:50:05.0, 34°85N, 135°61E, h12km, MW3.3, Moment Tensor Solution, s3 Moment tensor: Scale 10¹⁴Nm; M₀:0.41; M_{xx}:0.07; M_{yy}:0.48; M_{zz}:0.02; M_{xy}:0.78; M_{xz}:0.64; Fault plane solution: M₁:17000°/101° NP1: ϕ :357.00000°; δ :72.00000°; λ :41.00000°; NP2: ϕ :252.00000°; δ :51.00000°; λ :157.00000°.

JMA 18 21:50:05.0, 0.0, 34.85N, 135.61E, 0.1, h12km, MW3.5/20, 12D, KYOTO OSAKA BORDER REG, Near south coast of western Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
JHE	Heguri	0.20	163	Op	ISC
JHE	Heguri			21 50 09.4	0.0
JWT	Wachi	0.47	338	Op	ISC
JWT	Wachi			21 50 12.6	+0.1
JWY	Kouya	0.63	181	Op	ISC
JWY	Kouya			21 50 17.0	-0.3
JKS	Kasai	0.64	282	Op	ISC
JKS	Kasai			21 50 17.4	-0.1
Tsu2	Tsu 2	0.68	102	Op	ISC
Tsu2	Tsu 2			21 50 17.7	-0.5
JAWN	Awajishima-nag	0.69	238	Op	ISC
JAWN	Awajishima-nag			21 50 17.9	-0.5
JKN2	Miekiokhu	0.82	138	Op	ISC
JKN2	Miekiokhu			21 50 20.2	-0.6
JKY	Yasaka	0.88	332	Op	ISC
JKY	Yasaka			21 50 21.7	-0.3
JIE	Ise	1.02	117	Op	ISC
JIE	Ise			21 50 23.1	-1.4
JWM	Minabe	1.01	192	Op	ISC
JWM	Minabe			21 50 24.0	-0.5
JTNK	Tanabenaohat	1.03	180	Op	ISC
JTNK	Tanabenaohat			21 50 23.8	-0.9
JTNK	JTNK			21 50 38.1	0.0

NEIC 18 22:03:07.9, 1.2, 35°37'N, 101°98'W, h5km, 1km, Error ellipse: s-maj=2.9km, s-min=2.5km, az=213.0

TUL 18 22:03:08.2, 1.2, 35°36'N, 101°98'W, 0.02, h7km, 3km, ML2.5, mb_Lg2.4/8(NEIC), ML1.9/31(NEIC), Error ellipse: s-maj=2.1km, s-min=1.7km, az=50.0, Oklahoma

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
FRANK	Franklin	0.55	100	Op	ISC
FRANK	Franklin			22 03 19.3	+0.5
WMOK	Wichita Mounta	0.85	224	Pg	ISC
WMOK	Wichita Mounta			22 03 27.2	-1.4
W35A	Tecumseh	0.99			

18d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Z38A Mt. Pleasant, L34A Svendsen Farm, OGNE Ogallala, SN07 Snyder 07, etc.

MEX 18 22:47:18.7±0.8, 16.33N, 98.30W, h13km±5km, MD3.4, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PNIG Pinotepa, YOIG Yosondua, TXIG Tlaxiaco, etc.

MEX 18 22:47:18.1±0.4, 16.92N, 99.50W, h33km±3km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DAIG Los Arroyos, AC2P Acapulco, CAIG El Cayaco, etc.

PDG 18 22:47:59.1±0.5, 43.30N, 17.64E, h6km±1km, MD3.7/9, ML3.7/13, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

BE0 18 22:47:59.7±0.4, 43.33N, 17.59E, h8km±2km, ML3.3/19 LDG 18 22:47:59.8±0.1, 43.36N, 17.73E, h2km, ML3.8/28, Error ellipse: s-maj=3.6km s-min=2.1km az=33.0

NEIC 18 22:48:00.9±1.7, 43.31N, 01.06, 17.58E, 0.70, 7.7km, 9km, ML3.4/42, Error ellipse: s-maj=9.4km s-min=7.4km az=200.0

RHSSO 18 22:48:00.4±0.2, 43.32N, 17.68E, h5km±1km, ML3.6/19 THE 18 22:48:02.9±0.2, 42.82N, 17.22E, h10km±25km, ML3.3/4, Error ellipse: s-maj=34.3km s-min=2.0km az=313.0

ISC 18 22:47:59.2±0.7, 43.32N, 02.17, 63E, 0.02, h13km±5km, comp=E, 94nm, 0.7s

2018 JUN

n217, r2650/334, 29C-20D, Northwestern Balkan Peninsula

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like RIC1 Ricice, STON Ston, MAK1 Makarska, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LOBO Lohor, SKO Skopje, KUBS Kucevo, etc.

ARR ARGES 5.42 65 P Pn 22 49 23.1 +5.0 PRMA PARMA 5.47 288 P Pn 22 49 23.6 +3.2 KECS KECOVO 5.54 20 Pn 22 49 26.1 +4.8 JAVC Velka Javorina 5.55 0 ePn 22 49 28.0 -0.6

AGG	Agios Georgios	5.56 139	Pn	Pn	22 49 23.6	+2.0
ANX	Ano Chora	5.72 144	P	Pn	22 49 25.9	+1.9
WTTA	Wattenberg	5.79 151	i Pn	Pn	22 49 29.2	+4.4
comp=N,12nm,0.2s,SNR=15						
WTTA			eSn	Sn	22 50 35.0	+3.9
comp=N,40nm,0.5s						
KRUC	Moravsky	5.81 352	ePN	Pn	22 49 23.7	-1.3
KRUC			eSN	Pn	22 50 29.6	-1.9
MSSA	Maissana	5.96 282	Pn	Pn	22 49 29.0	+1.9
CKRC	Cesky Krumlov	5.97 338	ePN	Pn	22 49 31.0	+3.8
CKRC			eSN	Pn	22 50 36.8	+1.2
LANS	Liptovska Anna	5.97 12	ePN	Pn	22 49 30.0	+2.7
LANS			eSN	Pn	22 50 31.5	-4.0
SQTA	Sankt Quirin	5.98 313	i Pn	Pn	22 49 32.1	+4.6
comp=N,12nm,0.4s,SNR=6.3						
SQTA			i Sn	Sn	22 50 41.2	+5.3
comp=N,21nm,0.5s						
VRAC	Vranov	6.04 354	ePN	Pn	22 49 26.2	-1.9
ELND	Elena	6.05 91	l P	Pn	22 49 29.2	+1.0
MAUC	Maruska	6.04 1	ePN	Pn	22 49 34.2	+5.8
MAUC			eSN	Pn	22 50 40.6	+3.1
MOTA	Moosalm	6.12 213	ePN	Pn	22 49 33.2	+3.8
comp=N,15nm,0.5s,SNR=23						
MOTA			eSn	Sn	22 50 43.1	+3.8
comp=N,21nm,0.6s						
FETA	Feichtal	6.13 310	ePN	Pn	22 49 33.2	+3.7
comp=N,2.5nm,0.3s,SNR=5.9						
FETA			i Sn	Sn	22 50 42.3	+2.8
comp=N,10.0nm,0.6s						
TREC	Trest	6.16 347	ePN	Pn	22 49 37.6	+7.7
TREC			eSN	Pn	22 50 46.0	+5.8
GEC2	GERESS Array S	6.17 335	Pn	Pn	22 49 32.8	+2.7
GERES	GERESS Array B	6.17 335	Pn	Pn	22 49 31.6	+1.6
RDO	Rodhoji	6.25 108	Pn	Pn	22 49 33.4	+2.3
MLR	Muntele Rosu	6.34 67	Pn	Pn	22 49 37.8	+5.4
PGF	Ploggiola	6.38 266	ePN	Pn	22 50 40.6	+3.1
PGF			eSn	Sn	22 50 44.2	-1.6
comp=N,20nm,1.0s						
RETA	Reutte	6.39 313	i Pn	Pn	22 49 36.7	+3.7
comp=N,2.2nm,0.3s,SNR=6.4						
RETA			eSn	Sn	22 50 50.4	+4.6
comp=N,17nm,0.3s						
KHC	Kasperske Hory	6.46 336	Pn	Pn	22 49 36.5	+2.5
KHC			ePN	Pn	22 49 36.6	+2.6
KHC			eSN	Pn	22 50 49.8	+1.9
MORC	Moravsky Berou	6.46 359	ePN	Pn	22 49 34.5	+0.5
MORC			eSN	Pn	22 49 32.5	-1.5
KOLS	Kolovnicke sedl	6.48 28	eSN	Sn	22 50 48.7	+0.8
RAFF	Raffa Rosso	6.58 203	Pn	Pn	22 49 38.3	+2.7
TUE	Stuetta	6.68 301	Pn	Pn	22 49 40.8	+3.7
ALN	Alexandroupoli	6.71 110	Pn	Pn	22 49 41.0	+3.7
DAVA	Damule	6.76 309	ePN	Pn	22 49 42.4	+4.3
comp=N,2.1nm,0.3s						
DAVA			eSn	Sn	22 50 58.3	+3.3
comp=N,15nm,0.5s						
BURAR	Bucovina Array	6.85 48	Pn	Pn	22 49 43.2	+3.8
BUR08	Bucovina Ar. S	6.86 48	Pn	Pn	22 49 40.3	+0.8
ITM	Ithomi	6.95 150	Pn	Pn	22 49 41.4	+0.6
VSL	Villasalvo	7.28 241	Pn	Pn	22 49 46.5	+1.2
SFB	Sospel	7.42 278	ePN	Pn	22 49 48.6	+1.4
SFB			eSn	Pn	22 51 07.3	-4.0
comp=N,20nm,0.7s						
SEINJ	Lac Senin/Sane	7.95 296	Pn	Pn	22 49 56.5	+1.9
MBDF	Montbardon	7.96 284	ePN	Pn	22 49 55.1	+0.5
MBDF			eSn	Sn	22 51 19.5	-5.0
comp=N,17nm,0.7s						
BRG	Berggiesshubel	7.97 343	er	Pn	22 50 12.4	
BRG			Amp	Pn	22 50 18.8	
comp=N,1.5nm,0.5s						
BRG			r	Pn	22 51 38.4	
BRG			r	Pn	22 51 46.9	
BRG			Amp	Pn	22 52 48.4	
comp=N,5.8nm,1.0s						
BNI	Bardonecchia	8.06 286	Pn	Pn	22 49 56.5	+0.5
LPG	La Plagne	8.09 289	ePN	Pn	22 49 56.7	+0.1
LPG			eSn	Sn	22 51 21.6	-6.4
comp=N,2.0nm,0.7s						
LPL	La Plagne	8.11 289	ePN	Pn	22 50 00.0	+3.2
LPL			eSn	Pn	22 51 23.2	-5.1
comp=N,2.0nm,0.6s						
LMR	La Moure	8.11 274	ePN	Pn	22 49 57.9	+1.3
LMR			eSn	Sn	22 51 24.5	-3.6
comp=N,2.8nm,0.5s						
BFO	Black Forest	8.21 311	Pn	Pn	22 49 59.7	+1.8
CLL	Colim	8.59 340	ePN	Pn	22 51 27.0	-1.3
CLL			eP	Pn	22 51 46.0	-1.9
CLL			eSg	Sg	22 52 04.0	-3.1
CLL			eSg	Sg	22 52 41.0	+6.4
ORIF	Oris-en-Rattie	8.61 285	ePN	Pn	22 50 04.9	+1.4
ORIF			eSn	Sn	22 51 34.2	-6.2
comp=N,2.2nm,0.7s						
SMRF	Simiane la Rot	8.77 278	ePN	Pn	22 50 07.7	+2.0
SMRF			eSN	Pn	22 51 39.7	-4.7
HINF	Hinteralfeld	8.80 304	ePN	Pn	22 50 05.6	-0.4
HINF			eSN	Pn	22 51 37.7	-7.3
comp=N,18nm,0.8s						
ECH	Echery	8.81 307	Pn	Pn	22 50 07.2	+1.0
CABF	La Chapelle	8.82 296	ePN	Pn	22 50 07.0	+0.6
CABF			eSN	Pn	22 51 39.5	-6.2
comp=N,6.4nm,0.7s						
CDF	Champ du Feu	8.84 309	ePN	Pn	22 50 06.5	-0.2
CDF			eSn	Sn	22 51 38.0	-8.1
comp=N,10.0nm,0.7s						
HAU	Haudompre	9.19 305	ePN	Pn	22 50 11.0	-0.3
HAU			eSN	Pn	22 51 47.3	-7.2
comp=N,2.6nm,0.7s						
VIVF	Saint-Julien-I	9.46 284	ePN	Pn	22 50 15.1	+0.1
VIVF			eSN	Sn	22 51 55.2	-6.0
comp=N,1.8nm,0.4s						
SSB	Saint Sauver	9.59 286	Pn	Pn	22 50 17.2	+0.3
PAGF	Fort de Pagny	9.81 306	eP	Pn	22 51 46.8	+5.0
PAGF			eSN	Sn	22 52 01.0	-8.7
comp=N,2.5nm,0.5s						
LASF	Ste Croix	10.01 279	ePN	Pn	22 50 23.0	+0.4
LASF			eSN	Pn	22 52 09.7	-5.0
comp=N,1.8nm,0.3s						
SMF	Signal de Mont	10.32 294	ePN	Pn	22 50 26.8	-0.1
SMF			eSN	Pn	22 52 15.1	-7.3
comp=N,1.2nm,0.5s						
LOR	Lormes	10.48 297	ePN	Pn	22 50 29.4	+0.4
LOR	baz=106		eSn	Sn	22 52 18.7	-7.5
comp=N,6.7nm,0.4s						
SSF	Saint Saulge	10.65 295	ePN	Pn	22 50 30.8	-0.6
SSF			eSN	Pn	22 52 22.9	-7.5
comp=N,2.6nm,0.4s						
AVF	Avril sur Loir	10.68 294	ePN	Pn	22 50 31.7	-0.1
AVF			eSN	Pn	22 52 23.7	-7.5
comp=N,2.7nm,0.6s						
BGF	Bois d'Angland	10.97 292	ePN	Pn	22 50 35.9	+0.1
BGF			eSN	Pn	22 52 31.7	-6.6
comp=N,1.3nm,0.8s						
MTLF	Montlieux	11.23 275	ePN	Pn	22 50 40.8	+1.4
HYF	Humbigny	11.28 296	ePN	Pn	22 50 45.0	+0.6
HYF			eSN	Pn	22 52 38.6	-7.1
comp=N,1.6nm,0.4s						
CAF	Calviac	11.31 284	ePN	Pn	22 50 41.2	+0.8
CAF			eSN	Pn	22 52 38.9	-7.7
comp=N,0.5nm,0.2s						
TCF	Toux Ste Croi	11.35 290	ePN	Pn	22 50 41.0	0.0
TCF			eSN	Pn	22 52 40.3	-7.4
comp=N,2.0nm,0.5s						
BAIF	Baives	11.41 311	ePN	Pn	22 50 41.7	-0.1
RJF	Les Rejaudoux	11.72 285	ePN	Pn	22 50 46.0	0.0
MF3	Saint Martin d	13.01 291	ePN	Pn	22 50 14.3	+0.1
MF3			eSN	Sn	22 53 20.4	-7.8
comp=N,0.8nm,0.4s						

n20,0659/34,8D,Near south coast of western Honshu

Code	Station Name	Δ° AZ°	Phase	ID	h	m	s	ISC	Time	Res
JHE	Heguri	0.19 162	i P	Op	ISC				22 50 05.1	+0.2
JHE			P		Pg				22 50 08.1	+0.2
JWT	Wachi	0.48 339	i P	Op	Pg				22 52 10.1	+0.1
JWT			P		Pg				22 52 18.0	+0.4
JWY	Kouya	0.61 182	i P	Op	Pb				22 52 12.8	0.0
JWY			P		Pb				22 52 21.0	-0.2
JKS	Kasai	0.65 284	i P	Op	Sb				22 52 13.2	+0.1
JKS			P		Sg				22 52 21.7	-0.1
TSLU	Tsu 2	0.67 100	i P	Op	Sg				22 52 25.5	-0.3
TSLU			P		Sg				22 52 25.5	-0.4
JAWN	Awajishima-nag	0.68 240	i P	Op	Pb				22 52 13.7	-0.2
JAWN			P		Pb				22 52 23.1	0.0
JKN2	Miekihoku	0.80 337	i P	Op	Pb				22 52 16.0	0.0
JKN2			P		Pb				22 52 26.5	-0.2
JKY	Yasaka	0.90 332	i P	Op	Pg				22 52 17.6	-0.3
JKY			P		Pg				22 52 29.1	-0.6
JIE	Ise	1.00 116	i P	Op	Pb				22 52 18.9	-0.6
JIE			P		Pb				22 52 32.1	-0.3
JWM	Minabe	1.00 192	i P	Op	Sb				22 52 19.8	-0.1
JWM			P		Sb				22 52 33.8	+0.1
JTN	Tanabenahech	1.01 180	i P	Op	Pg				22 52 14.2	-0.3
JTN			P		Pg				22 52 34.1	+0.2
INU	Inuyama	1.26 65	Sn	IAML	Sb				22 52 23.7	-0.2
INU			Pn	IAML	Pb				22 52 39.2	-0.7
INU	comp=E,2um,0.2s								22 52 42.9	
JGF	Kuroka	1.62 61	Pn	Pb					22 52 29.4	-0.6
JGF			Sn	Sb					22 52 50.4	+0.1
JGF	comp=E,2um,0.2s								22 52 51.9	
JMN	Monobe	1.81 233	Pn	Pn					22 52 30.7	-0.3
JMN			IAML	IAML					22 53 04.0	
JMN	comp=E,649nm,0.6s								22 53 07.0	
JMN	comp=N,777nm,0.6s								22 53 07.0	
JSG	Sagara	2.12 93	Pn	Pn					22 52 35.4	+0.1
JSG			Sn	Sn					22 53 01.8	+0.5
MAJB	Matsu-Tunnel	2.71 50	Pn	Pn					22 52 45.1	+1.6
MAJO	Matsushiro	2.72 50	Pn	Pn					22 52 44.2	+0.8
MAJO			IAML	IAML					22 53 25.8	
comp=N,217nm,0.5s										
JSD	Sado	3.85 33	Pn	Pn					22 52 60.0	+1.0
JMU	Nakatsue	4.29 248	Pn	Pn					22 53 06.9	+1.8
JMM	Marumori	5.16 53	Pn	Pn					22 53 16.4	+0.7
JMM			IAML	IAML					22 53 56.2	
JMM	comp=N,37nm,4.0s								22 56 05.9	
JMM	comp=E,49nm,3.3s									

IPEC 18 23:10:09.5:0.1,50°25'N;12°47'E,h9km,1km,ML3.0/10,
Error ellipse: s-maj=1.7km s-min=1.4km az=154.0,
BGR 18 23:10:09.0:0.2,50°24'N;12°47'E,h8km,3km,ML3.0/5,
Error ellipse: s-maj=3.3km s-min=2.2km az=110.0,

RONA	Rosalia, Austr	46.60 305	i P	P	23 53 30.7	+1.0
CONA	Conrad Observa	46.85 305	i P	P	23 53 32.8	+1.0
ARSA	Arzberg	47.19 304	eP	P	23 53 35.0	+0.7
HFS	Hagfors	47.29 322	P	P	23 53 34.6	-0.3
SOKA	Soboth	47.62 304	i P	P	23 53 38.8	+1.1
BRG	Berggiesshubel	47.68 309	eP	P	23 53 38.9	+0.8
BRG	Berggiesshubel	47.68 309	P	P	23 53 41.4	+3.3
BRG	Berggiesshubel	47.68 309	eP	P	23 53 38.8	+0.8
MJAR	Matsushiro Arr	47.74 70	P	P	23 53 37.6	-1.1
MOA	Molln	47.92 305	i P	P	23 53 40.5	+0.4
GE2C	GERESS Array S	48.13 307	P	I Amb	23 53 42.6	+0.9
GERES	GERESS Array B	48.13 307	P	P	23 53 42.8	+1.0
GERES	GERESS Array B	48.13 307	P	P	23 53 41.9	+0.2
KHC	Kasperske Hory	48.16 307	P	I Amb	23 53 42.1	+0.2
KHC	Kasperske Hory	48.16 307	eP	P	23 53 42.7	+0.8
KHC	Kasperske Hory	48.16 307	P	P	23 53 42.1	+0.2
CLL	Colim	48.21 310	P	I Amb	23 53 42.7	+0.6
CLL	Colim	48.21 310	eP	P	23 53 42.0	-0.1
CLL	Colim	48.21 310	eP	P	23 55 10.0	+0.8
CLL	Colim	48.21 310	eP	P	23 53 42.0	-0.1
BIOA	Bad Ischl, Aus	48.37 305	P	P	23 53 43.9	+0.4
NC303	NORSAR Array S	48.45 324	P	P	23 53 45.3	+1.5
NB2	NORSAR Array S	48.52 323	P	P	23 53 43.8	-0.7
NOA	NORSAR Array B	48.52 323	P	P	23 53 43.5	-1.0
NOA	NORSAR Array B	48.52 323	P	P	00 14 08.6	
CUC	Castroccuo	48.59 295	P	I Amb	23 53 46.2	+0.9
CUC	Castroccuo	48.59 295	P	I Amb	23 53 47.8	
LESA	Schwarzleotal	49.06 305	eP	P	23 53 49.2	+0.3
ABTA	Abfallersbach	49.31 304	eP	P	23 53 50.2	-0.5
WTTA	Wattenberg	49.78 305	eP	P	23 53 54.7	+0.2
WATA	Walderalm	49.81 305	eP	P	23 53 54.2	-0.4
MOTA	Moson	50.12 305	eP	P	23 53 57.5	+0.4
RETA	Reutte	50.32 306	eP	P	23 53 58.4	-0.1
FETA	Feichten	50.44 305	eP	P	23 53 59.0	-0.5
OSSC	Osservatorio P	50.94 300	P	I Amb	23 54 03.9	+0.8
OSSC	Osservatorio P	50.94 300	P	I Amb	23 54 07.5	
DAVA	Davao City (W)	51.80 112	LR	LR	00 16 48.5	
DAV	Davao City (W)	51.80 112	LR	LR	00 16 48.5	
SENI1	Lac Senin/Sane	52.89 305	P	I Amb	23 54 17.6	-0.3
BNI	Bardonecchia	53.67 303	P	I Amb	23 54 22.3	-1.3
BNI	Bardonecchia	53.67 303	P	I Amb	23 54 22.4	
BNI	Bardonecchia	53.67 303	P	I Amb	23 54 22.3	-1.3
BNI	Bardonecchia	53.67 303	P	I Amb	23 54 22.3	-1.3
TATN	Tataouine	55.11 288	P	P	23 54 33.5	-0.6
EKA	Eskdalemuir Ar	56.87 318	P	P	23 54 45.4	-0.8
DAG	Danmarks Havn	57.10 344	i P	P	23 54 46.0	-1.6
DAG	Danmarks Havn	57.10 344	i P	P	23 54 47.7	
DBG	Daneborg	58.22 342	i P	P	23 54 54.2	-1.3
DBG	Daneborg	58.22 342	i P	P	23 54 59.0	
ESDC	Sonsec Array	62.95 301	P	P	23 55 27.8	-0.6
NEEM	North Greenlan	62.97 349	i P	I Amb	23 55 27.1	-1.1
NEEM	North Greenlan	62.97 349	i P	I Amb	23 55 28.8	
SUMG	Summit	63.63 343	P	P	23 55 32.4	-0.4
SUMG	Summit	63.63 343	P	P	23 55 32.4	-0.4
SUMG	Summit	63.63 343	P	P	23 55 32.0	-0.8
SUMG	Summit	63.63 343	P	P	23 55 36.2	
SUMG	Summit	63.63 343	P	P	23 55 32.0	-0.8
SUMG	Summit	63.63 343	P	P	23 55 36.2	
ICESG	Greenland Ice	66.06 340	i P	I Amb	23 55 47.2	-1.4
ICESG	Greenland Ice	66.06 340	i P	I Amb	23 55 51.2	
B22K	Teshepkuk Lake	67.91 17	P	I Amb	23 55 58.7	-1.2
B22K	Teshepkuk Lake	67.91 17	P	I Amb	23 56 00.7	
E18K	Tukpahleark C	68.06 21	P	P	23 56 00.8	-0.1
E18K	Tukpahleark C	68.06 21	P	P	23 56 01.5	
B21K	Ikkipkuk River	68.14 18	P	P	23 56 01.3	0.0
C23K	Ikkipkuk River	68.93 16	P	P	23 56 06.0	-0.3
C23K	Ikkipkuk River	68.93 16	P	P	23 56 07.4	
D22K	Aiykyak River	69.16 18	P	I Amb	23 56 07.7	-0.1
D22K	Aiykyak River	69.16 18	P	I Amb	23 56 08.3	
E21K	Killik River	69.16 18	P	P	23 56 06.8	-1.0
DY2G	Dye2	69.68 339	i P	I Amb	23 56 09.6	-1.6
DY2G	Dye2	69.68 339	i P	I Amb	23 56 15.1	
E22K	Anaktuvuk Pass	69.93 18	P	P	23 56 11.8	-0.8
E22K	Anaktuvuk Pass	69.93 18	P	P	23 56 12.7	
H17K	Granite Mounta	69.94 23	P	I Amb	23 56 12.4	-0.3
H17K	Granite Mounta	69.94 23	P	I Amb	23 56 26.4	
G19K	Purceil Mounta	69.96 21	P	P	23 56 11.8	-0.9
G19K	Purceil Mounta	69.96 21	P	P	23 56 13.7	
TOLK	Toolik Lake Re	70.08 17	P	P	23 56 12.7	-0.8
F21K	Alatna River	70.18 19	P	P	23 56 13.4	-0.7
F21K	Alatna River	70.18 19	P	P	23 56 14.4	
D25K	Kavik River	70.27 15	P	P	23 56 14.6	-0.1
G21K	Alakaket	70.69 19	P	P	23 56 16.4	-0.8
G21K	Alakaket	70.69 19	P	P	23 56 18.0	
E24K	Your Creek	70.78 17	P	P	23 56 17.2	-0.6
H21K	Melozitna Rive	71.52 20	P	I Amb	23 56 13.4	-0.4
H21K	Melozitna Rive	71.52 20	P	I Amb	23 56 28.3	
TORD	Torodi Ar. Bea	71.59 273	P	P	23 56 22.1	-1.3
TORD	Torodi Ar. Bea	71.59 273	P	P	23 56 26.6	+0.1
E27K	Coleen River	72.21 15	P	P	23 56 26.0	-0.3
J20K	Nowinta River	72.24 21	P	P	23 56 26.6	+0.1
J20K	Nowinta River	72.24 21	P	P	23 56 27.5	
E28M	Babbage River	72.26 14	P	P	23 56 26.9	+0.2
E29M	Blow River	72.76 13	P	P	23 56 29.0	-0.6
E29M	Blow River	72.76 13	P	P	23 56 30.6	
NEA2	Nenana	73.36 19	P	I Amb	23 56 32.5	-0.8
NEA2	Nenana	73.36 19	P	I Amb	23 56 33.4	

CAST	Castle Rocks	73.42 21	P	I Amb	23 56 32.8	-0.9
CAST	Castle Rocks	73.42 21	P	I Amb	23 56 34.2	
ILAR	Eileen Array	73.79 18	P	P	23 56 34.2	-1.5
ILAR	Eileen Array	73.79 18	P	P	23 59 21.4	+1.7
G30M	Itoh Zrail Nji	74.30 13	P	I Amb	23 56 38.3	-0.5
G30M	Itoh Zrail Nji	74.30 13	P	I Amb	23 56 41.8	
F31M	Tsigehtichot	74.34 12	P	P	23 56 38.3	-0.5
H29M	Whitestone	74.55 15	P	I Amb	23 56 39.9	-0.8
H29M	Whitestone	74.55 15	P	I Amb	23 56 40.5	
G31M	Satah River	74.71 13	P	P	23 56 40.0	-1.1
G31M	Satah River	74.71 13	P	P	23 56 40.7	
J26L	Joseph Creek	74.85 17	I Amb	I Amb	23 56 42.0	
I28M	Miner Creek	74.88 16	I Amb	I Amb	23 56 44.6	
H31M	Peel River	75.70 13	I Amb	I Amb	23 56 57.2	
I30M	Mount Dempster	75.82 14	I Amb	I Amb	23 56 47.4	
J30M	Hart River	76.41 15	I Amb	I Amb	23 56 50.7	
BCAR	Beaver Creek A	76.48 18	P	P	23 56 51.0	-0.4
WRA	Warramunga Arr	76.71 127	P	P	23 56 51.5	-1.6
WRA	Warramunga Arr	76.71 127	P	P	23 56 52.9	-0.2
WRA	Warramunga Arr	76.71 127	P	P	23 56 52.9	-0.2
M29M	Somme Creek	77.81 17	I Amb	I Amb	23 56 59.5	
LBTB	Loblatse	78.26 227	P	P	23 57 02.3	+0.5
LBTB	Loblatse	78.26 227	P	P	23 57 06.1	
LBTB	Loblatse	78.26 227	LR	LR	00 32 24.5	
LBTB	Loblatse	78.26 227	P	P	23 57 02.3	+0.5
LOGN	Logan Glacier	78.59 18	P	P	23 57 02.2	-1.0
ASAR	Alice Springs	79.11 130	P	P	23 57 04.8	-1.7
BOSA	Boshof	81.15 225	P	P	23 57 17.4	-0.1
BOSA	Boshof	81.15 225	P	P	23 57 17.4	-0.1
YKA	Yellowknife Ar	81.58 6	P	P	23 57 18.2	-1.0
YKA	Yellowknife Ar	81.58 6	P	P	23 57 18.2	-1.0
FFC	Flin Flon	89.92 0	P	P	23 57 59.9	-0.8
FFC	Flin Flon	89.92 0	P	P	23 57 59.9	-0.8
FFC	Flin Flon	89.92 0	P	P	23 57 59.9	-0.8
EDM	Edmonton	90.85 7	P	P	23 58 04.6	-0.6
EDM	Edmonton	90.85 7	P	P	23 58 04.6	-0.6
EDM	Edmonton	90.85 7	P	P	23 58 04.6	-0.6
EDM	Edmonton	90.85 7	P	P	23 58 04.6	-0.6
CBB	Campbell River	92.10 15	P	P	23 58 09.7	-1.2
LMN	Caledonia Moun	92.22 335	P	P	23 58 12.4	+0.8
TROLL	Troll, Antarti	91.34 200	PKPdf	PKPdf	00 03 49.2	-1.0
VNA2	Neumayer-Watz	121.91 203	PKPdf	PKPdf	00 03 53.0	-1.9
VNA1	Neumayer-Stat	122.10 203	PKPdf	PKPdf	00 03 50.2	-5.1
VNA3	Neumayer Olymp	122.71 203	PKPdf	PKPdf	00 03 54.8	-1.7
QSPA	South Pole Qui	125.51 180	PKP	PKPdf	00 04 01.1	-0.9

NOU 18 23:46:33.7, 41.25S:172.50E, h126km, MLV3.9/10, South Island, New Zealand
 WEL 18 23:46:34.6, 6.0, 8.41 S:4.17 3E:1.1, h116km, 5km, M3.0/13, MLV3.1/13, Error ellipse: s-maj=0.0km s-min=0.0km

ISC 18 23:46:33.1, 4.1, 41.27S:0.04/172.66E:0.05, h137km, 7km, n92, c085/109, South Island

MRNZ	Matariki Terra	0.15 151	P	Op	ISC	h m s	ISC
MRNZ	Matariki Terra	0.15 151	P	Op	ISC	h m s	ISC
MATW	Matariki Wadsw	0.16 169	P	S	Sn	23 47 05.5	-0.4
MATW	Matariki Wadsw	0.16 169	P	S	Sn	23 47 05.6	-0.4
MOTS	Motueka DOC wo	0.30 61	P	S	Sn	23 46 52.5	+0.4
MOTS	Motueka DOC wo	0.30 61	P	S	Sn	23 46 52.9	-0.5
TKNZ	Takaka Hill	0.33 44	P	S	Sn	23 46 52.5	+0.4
TKNZ	Takaka Hill	0.33 44	P	S	Sn	23 46 52.9	-0.5
KASC	Karamea School	0.41 273	P	S	Sn	23 47 03.8	+1.1
KASC	Karamea School	0.41 273	P	S	Sn	23 47 07.3	+0.1
KLSD	Kikiwa Line De	0.43 158	P	S	Sn	23 46 52.5	-0.2
KLSD	Kikiwa Line De	0.43 158	P	S	Sn	23 47 06.2	-1.4
TSFS	Takaka Scotts	0.44 16	P	S	Sn	23 46 51.9	-0.8
TSFS	Takaka Scotts	0.44 16	P	S	Sn	23 47 05.6	+1.9

Table with columns: JOKA, Jonika Flow, 0.25 82, Pg, 00 03 37.8 +1.1, 00 03 45.4, IAML, etc.

IDC 19 00:03:59.7-0.5, 0.22S, 18.38W, h0km, mb4.3/25, mbtmp4.4/26, ML5.4/1, MS4.0/64, Error ellipse: s-maj=18.7km s-min=13.1km az=125.0, MOS 19 00:03:59.3-1.0, 0.21S, 18.32W, h10km, mb5.0/48, Error ellipse: s-maj=10.6km s-min=5.2km az=53.0, NEIC 19 00:04:02.2-1.2, 0.16S, 0.08E, 18.33W, 0.09, h10km, 1km, mb5.0/179, Error ellipse: s-maj=15.8km s-min=13.7km az=272.0, GCMT 19 00:04:05.2-0.2, 0.03N, 0.01E, 18.36W, 0.01, h17km, MWs: 1/128, Moment Tensor Solution: s71, c101, s128, c205, Duration: 0, Moment tensor: Scala 1016Nm; Mo=0.88±.12; M2=2.34±.11; Mw=1.46±.10; Mo1.04±.26; Mw=0.63±.10; Mw=0.35±.24; Best double couple: Ms5.10300x1016 NPT379.00000, s87.00000, 1.170.00000. NP2: s169.00000, s80.00000, 1.3.00000. Principal axes: T 5.6170, Plg9.00000, Azm34.00000; N -1.0310, Plg80.00000, Azm240.00000; P -4.5880, Plg5.00000, Azm124.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function BGR 19 00:04:15.1, 1.50N, 18.20W, h33km, mb4.8, Ms3.8 ISC 19 00:04:01.8-0.3, 0.21S, 0.05E, 18.31W, 0.06, h14km, n483, 1830/454, mb4.9/204, MS4.0/66, 21C-9D, Central

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

Main table with columns: MESJ, Messejana, 38.99 13 eP, IAMB, P, 00 11 28.8 +1.0, 00 11 29.9, IAMB, etc.

Table with columns: DAVA, Danuells, 53.32 24 eP, P, 00 13 20.6 -0.1, 00 13 20.6 -0.1, P, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRG, UPC, KRCL, DPC, MORC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK, MNSK, MNRK, GURO, KMSC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like O48B, X48A, V48A, WCI, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAND, E28A Huff, ODSA Odessa, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CN2 Changchun, TBI Tubuai, NJ2 Nanjing, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, ARCES ARCESS array, WBO Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WBO Williamsburg, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRL Uglovaya, UGLR Uglovaya, AVH Avacha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 19 02:42:19.6, NEIC 19 02:42:19.6, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MGMO Mountain Grove, R40A Maddies Station, P40A Paris, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOU 19 02:49:38.0, NOU 19 02:49:38.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNET 19 02:51:29.4, SNET 19 02:51:29.4, etc.

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

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

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

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

KLR	baz=251 Kul'dur	22.91	272	LR	LR	03 15 22.4
E22K	comp=Z,2um,20.0s,ba=50,slow=41 Anaktuvuk Pass	22.92	38	P	I Amb	03 04 55.2 +0.6 03 05 15.7
E22K	comp=Z,4.3nm,0.7s Anaktuvuk Pass	22.92	38	P	P	03 04 54.7 +0.1
A22K	baz=254 Sincilar Lake	22.93	30	P	P	03 04 54.3 -0.3
B22K	baz=249,SNR=11 Teshkepuk Lake	23.12	32	P	I Amb	03 04 56.7 +0.1 03 05 16.3
B22K	comp=Z,13nm,1.1s Teshkepuk Lake	23.12	32	P	P	03 04 57.0 +0.4
PMR	baz=247 Palmer	23.25	55	P	P	03 04 59.4 +1.5
G23K	baz=272 Bananza Creek	23.26	42	P	P	03 04 59.3 +1.2
I23K	baz=259 Minto, Yukon-K	23.29	46	P	I Amb	03 04 58.9 +0.6 03 05 31.7
I23K	comp=Z,14nm,1.5s Minto, Yukon-K	23.29	46	P	P	03 04 59.4 +1.1
COLD	baz=258,SNR=6.2 Coldfoot	23.29	41	P	P	03 04 58.9 +0.5
H23K	Yukon River	23.30	44	P	P	03 04 59.2 +0.7
MCK	baz=267 McKinley	23.36	50	P	P	03 04 59.9 +0.8
D23K	baz=254 Nanushuk River	23.55	36	P	P	03 05 01.6 +0.6
SML	baz=272 Sawmill	23.62	55	P	P	03 05 01.6 -0.1
ZE	baz=273,285 eP Zeya	23.73	285	eP	P	03 04 59.0 -3.8 03 05 02.9 0.0 03 05 05.7
MDM	MDM	23.75	47	P	I Amb	
WRH	comp=Z,4.8nm,0.8s Wood River Hill	23.77	48	P	I Amb	03 05 03.9 +0.9 03 05 04.5
C23K	comp=Z,6.6nm,0.7s Itkilik River	23.84	34	P	I Amb	03 05 03.8 +0.1 03 05 44.4
C23K	comp=Z,6.7nm,1.0s Itkilik River	23.84	34	P	P	03 05 04.3 -0.3
TOLK	baz=252 Toolik Lake Re	23.85	38	P	P	03 05 04.4 +0.5
TOLK	baz=256,SNR=18 Toolik Lake Re	23.85	38	P	P	03 05 04.5 +0.6
COLA	COLA	23.90	47	iP	pmax	03 05 03.9 -0.3
CCB	comp=Z,7.0nm,0.8s Clear Creek Bu	23.90	48	P	P	03 05 04.5 +0.3
TIXI	23.92 330 P					03 05 03.7 -0.7
TIXI	23.92 330 P					03 05 04.3 -0.1
TIXI	comp=Z,7.5nm,0.5s,ba=116,slow=64,SNR=18 Tiksi	23.92	330	P	LR	03 14 38.8
TIXI	comp=Z,7.9nm,1.8s,ba=124,slow=37 Tiksi	23.92	330	P	pmax	03 05 03.7 -0.7
POKR	comp=Z,9.0nm,0.7s Poker Plat Res	24.09	46	P	I Amb	03 05 07.0 +0.9 03 05 16.8
POKR	comp=Z,6.5nm,0.8s Poker Plat Res	24.09	46	P	P	03 05 07.0 +0.9
SCM	baz=266 Sheep Creek Mo	24.10	55	P	P	03 05 07.0 +0.8
E24K	baz=273 Your Creek	24.11	39	P	P	03 05 07.1 +0.8
E24K	baz=258,SNR=21 Your Creek	24.11	39	P	P	03 05 06.8 +0.6
F24K	Squaw Lake	24.23	41	P	P	03 05 07.0 -0.3
F24K	baz=260,SNR=5.5 Squaw Lake	24.23	41	P	P	03 05 08.0 +0.6
D24K	Happy Valley	24.25	36	P	I Amb	03 05 08.7 +1.2 03 05 27.3
D24K	comp=Z,6.8nm,0.8s Happy Valley	24.25	36	P	P	03 05 08.0 +0.5
HDA	Harding Lake	24.26	48	P	P	03 05 08.2 +0.6
IL31	IL31	24.30	47	P	I Amb	03 05 07.7 -0.3 03 05 09.5
ILAR	comp=Z,5.1nm,0.8s Eielson Array	24.30	47	P	P	03 05 07.2 -0.8
ILAR	comp=Z,3.4nm,0.6s,ba=250,slow=8.3,SNR=47 Eielson Array	24.30	47	P	LR	03 14 33.4
KLU	comp=Z,6.2nm,1.9s,ba=254,slow=36 Klutina	24.79	55	P	P	03 05 13.1 +0.6
G25K	baz=275 Bearman Lake	24.80	43	P	P	03 05 13.1 +0.6
G25K	baz=283 Middleton Isla	24.82	60	P	P	03 05 13.6 +0.8
H25L	baz=279 Birch Creek	24.86	44	P	P	03 05 13.7 +0.6
PRP	baz=265 Porcupine Dome	24.92	46	P	P	03 05 15.0 +1.2
PRP	baz=267,SNR=5.4 Porcupine Dome	24.92	46	P	P	03 05 14.1 +0.3
J25K	Salcha River	24.95	48	P	I Amb	03 05 12.8 -1.2 03 05 15.2
J25K	comp=Z,4.7nm,0.9s Salcha River	24.95	48	P	P	03 05 14.6 +0.7
HEH	baz=269 Heihe	24.97	277	eP	pmax	03 05 14.0 -0.1
HEH	comp=Z,7.0nm,1.2s Heihe					
HEH	comp=N,310nm,14.5s Heihe					
HEH	comp=E,190nm,13.9s Heihe					
F25K	comp=Z,200nm,13.7s Christian River	25.09	41	P	P	03 05 15.7 +0.5
FYU	baz=292,SNR=9.1 Fort Yukon	25.13	43	P	P	03 05 16.4 +1.0
D25K	Kavik River	25.14	37	P	P	03 05 15.8 +0.3
D25K	baz=255,SNR=8.8 Kavik River	25.14	37	P	P	03 05 15.6 +0.0
E25K	Arctic Village	25.20	40	P	I Amb	03 05 17.0 +0.9 03 05 19.0
E25K	comp=Z,3.6nm,0.8s Arctic Village	25.20	40	P	P	03 05 16.3 +0.2
N25K	Chitina, Valde	25.41	55	P	P	03 05 19.1 +1.0
USRK	baz=276 Ussuriysk Ar.	25.47	261	LR	LR	03 14 40.4
BMAR	Burnt Mountain	25.47	41	P	P	03 05 19.4 +0.8
BMRM	Bremner River	25.48	56	P	P	03 05 18.9 +0.2
SCRK	Sand Creek	25.55	49	P	I Amb	03 05 19.1 -0.3 03 05 28.8
SCRK	comp=Z,5.0nm,0.7s Sand Creek	25.55	49	P	P	03 05 19.3 -0.1
F26K	baz=263 Sheenjek River	25.67	41	P	P	03 05 20.3 -0.1
J26L	Joseph Creek	25.73	48	P	P	03 05 21.1 +0.1
J26L	Joseph Creek	25.73	48	P	P	03 05 21.5 +0.5
G26K	comp=Z,21nm,1.0s Porcupine River	25.73	42	P	P	03 05 21.4 +0.5
C26K	baz=258,SNR=1.0 Camden Bay	25.77	35	P	P	03 05 21.4 +0.2
M26K	baz=258 Nabesna, AK	26.09	53	P	P	03 05 24.5 +0.3
C27K	baz=275 Jago River	26.12	36	P	P	03 05 24.4 0.0
MCARA	baz=278 McCarthy VSAT	26.18	55	P	P	03 05 25.4 +0.3
K27K	Chicken	26.39	49	P	I Amb	03 05 26.9 0.0 03 05 33.9
K27K	comp=Z,7.1nm,0.9s Chicken	26.39	49	P	P	03 05 27.2 +0.3
G27K	baz=273 Doyon Strip	26.56	43	P	P	03 05 29.2 +0.7
G27K	baz=268 Doyon Strip	26.56	43	P	P	03 05 29.5 +1.0
L27K	Beaver Creek	26.57	51	P	P	03 05 29.6 +1.1
L27K	baz=275,SNR=7.7 Beaver Creek	26.57	51	P	P	03 05 29.0 +0.5
BCAR	Beaver Creek A	26.58	51	P	P	03 05 29.5 +0.8
H27K	Steamboat Moun	26.60	44	P	P	03 05 29.3 +0.5

M27K	Edge Creek, AK	26.61	53	P	P	03 05 29.8 +0.7
E27K	baz=276 Coleen River	26.68	40	P	P	03 05 30.2 +0.7
EGAK	baz=265 Eagle	26.76	47	P	I Amb	03 05 29.7 -0.5 03 05 39.6
EGAK	comp=Z,6.7nm,0.7s Eagle	26.76	47	P	P	03 05 30.8 +0.6
D27M	baz=272 Malcolm River	27.02	37	P	P	03 05 32.8 +0.2
D27M	baz=272 Malcolm River	27.02	37	P	P	03 05 32.9 +0.2
CTG	China Glacier	27.05	56	P	P	03 05 33.4 +0.4
I28M	Miner Creek	27.25	46	P	P	03 05 34.9 +0.1
F28M	baz=272 Old Crow	27.29	41	P	I Amb	03 05 35.8 +0.8 03 05 42.2
F28M	comp=Z,3.4nm,0.8s Old Crow	27.29	41	P	P	03 05 35.4 +0.4
YUK3	baz=279 Moose Creek	27.35	54	P	P	03 05 36.4 +0.6
MJAR	baz=272 Matsushiro Arr	27.37	241	P	P	03 05 36.3 +0.3
E28M	comp=Z,0.8nm,0.4s,ba=52,slow=8.9,SNR=1.7 Babbag River	27.48	39	P	P	03 05 36.7 +0.1
DAWY	Dawson	27.57	49	P	P	03 05 38.6 +1.1
DAWY	Dawson	27.57	49	P	P	03 05 37.2 -0.3
O28M	baz=275 Mount Upton	27.64	56	P	P	03 05 37.6 -0.9
D28M	Stokes Point	27.82	37	P	P	03 05 40.0 +0.4
H29M	baz=266 Whitestone	27.88	44	P	P	03 05 40.5 +0.3
G29M	Pine Creek	28.00	43	P	P	03 05 42.3 +0.9
G29M	Pine Creek	28.00	43	P	P	03 05 41.2 -0.1
E29M	comp=Z,1.3nm,0.6s,ba=51,slow=6.5,SNR=10 Blow River	28.07	40	P	P	03 05 42.9 +1.0
M29M	baz=279 Somme Creek	28.18	52	P	P	03 05 43.0 0.0
L29M	L29M	28.23	51	P	I Amb	03 05 44.5 +1.0 03 05 45.3
L29M	comp=Z,5.5nm,0.8s L29M	28.23	51	P	P	03 05 43.9 +0.4
K29M	Barlow Dome	28.41	49	P	P	03 05 45.5 +0.3
O29M	baz=277 Moun Kennedy	28.52	57	P	P	03 05 45.9 -0.2
EPYK	baz=283 Eagle Plains	28.54	44	P	P	03 05 46.9 +0.7
EPYK	baz=283 Eagle Plains	28.54	44	P	P	03 05 46.8 +0.7
G30M	baz=273 A'oh Zraii Nji	28.71	43	P	P	03 05 48.0 +0.3
I30M	baz=272 Mount Dempster	28.76	46	P	P	03 05 48.8 +0.6
J30M	Hart River	28.84	48	P	P	03 05 50.1 +1.1
F30M	baz=277 Barrier River	28.86	41	P	P	03 05 48.7 -0.3
M30M	baz=280 Minto, Yukon	28.92	52	P	P	03 05 49.2 -0.4
HYT	baz=282 Haines Junctio	28.92	55	P	P	03 05 49.5 -0.2
N30M	baz=282 Aitsikik Lake	28.99	54	P	P	03 05 49.0 -1.3
P30M	baz=282 Million Dollar	29.34	57	P	P	03 05 53.1 -0.3
G31M	baz=284 Satah River	29.48	43	P	P	03 05 54.2 -0.2
H31M	baz=276 Peel River	29.55	45	P	P	03 05 54.6 -0.5
N31M	baz=282 Braeburn, Yuko	29.60	54	P	P	03 05 55.1 -0.5
O30M	baz=284 Mendenhall	29.61	55	P	P	03 05 55.3 -0.4
F31M	baz=274 Tsiigehthich	29.65	41	P	P	03 05 55.5 -0.1
INK	baz=272 Inuvik	29.69	40	P	P	03 05 56.1 -0.1
PLBC	baz=282 Pleasant Camp	29.80	58	P	P	03 05 57.3 -0.1
M31M	baz=286 Drury Creek, Y	30.09	52	P	P	03 05 59.9 0.0
SKAG	baz=286 Skagway	30.31	58	P	P	03 06 01.9 0.0
R32K	baz=289 Eaglecrest	31.07	60	P	P	03 06 08.8 +0.2
P33M	baz=287 Teslin, Yukon	31.32	55	P	P	03 06 10.9 0.0
MMPY	baz=282 Sheldon Lake,	31.42	51	P	P	03 06 11.6 -0.1
KSRS	baz=282 Korea Array	32.23	255	P	LR	03 06 19.3 +0.3 03 20 02.1
KSRS	comp=Z,3.1nm,1.8s,ba=30,slow=38 Korea Array					
A36M	baz=274 Sachs Harbour	32.33	32	P	P	03 06 19.7 +0.2
R33M	baz=282 Jennings River	32.46	56	P	P	03 06 21.0 0.0
C36M	baz=279 Paulatuk	33.01	37	P	P	03 06 25.2 -0.2
DLBC	baz=279 Dease Lake	33.24	58	P	P	03 06 27.2 -0.5
DLBC	baz=279 Dease Lake	33.24	58	P	P	03 06 27.7 0.0
T35M	baz=293 Bob Quinn	33.67	60	P	P	03 06 31.1 -0.3
JNU	baz=293 Nakatsue	33.83	246	LR	LR	03 21 16.6
H11N2	comp=Z,35nm,18.6s,ba=34,slow=38 WAKE ISLAND Hy 34.84 182			T	T	03 43 38.5
H11N1	comp=Z,35nm,18.6s,ba=34,slow=38 WAKE ISLAND Hy 34.85 182			T	T	03 43 37.9
H11N1	baz=0.8,slow=76,SNR=1989 WAKE ISLAND Hy 34.85 182			T	T	03 43 38.4
H11S1	baz=0.8,slow=76,SNR=2171 WAKE ISLAND Hy 36.05 182			T	T	03 45 02.2
H11S3	baz=1.4,slow=76,SNR=198 WAKE ISLAND Hy 36.					

Table with columns: SOCE, Pocosol, 1.58 342, i P, Pb, 06 47 39.3 +0.2, 06 47 40.0

NEIC 19 07:00:26.7±0.9, 19°40'N, 0°02'155.27W, 0.02, h1km, 20km, Error ellipse: s-maj=3.4km s-min=0.9km az=56.0

HVO 19 07:00:26.1±0.5, 19.400N, 0.0115527W, 0.01, h0km, 4km, ML2.7/9, ML1.7/25(NEIC), Error ellipse: s-maj=2.0km s-min=1.0km az=218.0, Hawaiian Islands

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

ANF 19 07:15:33.7±0.4, 38°15'N, 112°47'W, h0km, ML3.7/14, Error ellipse: s-maj=3.4km s-min=3.0km az=176.0

NEIC 19 07:15:34.8±1.3, 38°15'N, 0°01'112.56W, 0.02, h6km, 5km, Error ellipse: s-maj=1.8km s-min=1.5km az=73.0

ISC 19 07:15:35.1±0.7, 38°13'N, 0°02'112.52W, 0.02, h10km, n86, i=148/89, Utah

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

Table with columns: NLU, North Lily Min, 1.85 11, IAML, Pn, 07 16 07.8 +0.7, 07 16 36.7

DCM Dogout Coal Mt, 2.17 43, P, Pn, 07 16 14.6 +0.0, 07 16 15.8 +0.4

WCT Wildcat Mountain, 3.53 249, IAML, Pn, 07 16 29.7 -0.4, 07 17 34.4

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

NEE2 Needles Airpor, 3.76 207, Sb, Sb, 07 17 31.1 +4.0, 07 16 30.0 +7.0

NEIC 19 07:15:34.8±1.3, 38°15'N, 0°01'112.56W, 0.02, h6km, 5km, Error ellipse: s-maj=1.8km s-min=1.5km az=73.0

ISC 19 07:15:35.1±0.7, 38°13'N, 0°02'112.52W, 0.02, h10km, n86, i=148/89, Utah

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

Table with columns: OTUK, 4.7nm, 0.8s, Lg, Lg, 07 24 09.5

OTUK Ortau, 4.51 250, fLg, Lg, 07 24 12.5

NEIC 19 07:22:26.3±1.1, 19°42'N, 0°01'155.27W, 0.006, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.5km az=183.0

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

HVO 19 07:22:25.8±1.0, 19.417N, 0.009155277W, 0.007, h1km, 3km, ML3.7/12, ML2.7/26(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=180.0, Hawaiian Islands

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

KRSC 19 07:36:01.6±0.7, 50°22'N, 157°00'E, h85km, 10km, ML3.8, Kuril Islands

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

NEIC 19 07:39:39.5±1.0, 5°22'N, 125°44'E, h0km, mb4.0/8, mbmp4.0/8, MS2.9/2, Error ellipse: s-maj=59.7km s-min=16.1km az=81.0

NEIC 19 07:39:46.2±1.2, 5°24'N, 0°05'125.31E, 0.08, h43km, 9km, mb4.4/12, Error ellipse: s-maj=12.6km s-min=5.6km

DJA 19 07:39:47.0±0.8, 5°N, 9°12'6E, h116km, 10km, M4.1/7, mb4.0/4, mb4.7/2, Mw(B)4.0/2

ISC 19 07:39:45.0±0.6, 5°23'N, 0°06'125.41E, 0.10, h35km, n37, o=92/33, mb4.2/14, Mindanao

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, etc.

NEIC 19 07:45:43.1, 1.9, 396N, 0.009, 155.269W, 0.006, h3km, 1km, Error ellipse: s-maj=1.3km s-min=0.8km

HVO 19 07:45:42.4, 1.2, 19, 401N, 0.008, 155.275W, 0.006, h1km, 2km, ML3, 7/14, ML2, 7/38(NEIC), Error ellipse: s-maj=1.2km s-min=0.7km az=186.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RIM Rim, KKO Keanakakoi, OBL Byron's Edge, etc.

IDC 19 07:50:38.7, 3.9, 20, 03S, 178.75E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=261.8km s-min=35.2km az=156.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 19 07:55:18.7, 1.4, 56, 25N, 148.78W, h0km, mb3.4/4, mbtmp3.5/9, ML3, 1/5, MS3, 3/21, Error ellipse: s-maj=28.8km s-min=17.4km az=30.0

NEIC 19 07:55:19.7, 2.5, 56, 21N, 148.008, 148.6W, 0.1, h22km, gkm, ML3, 8/32, ML3, 6/9(AEIC), Error ellipse: s-maj=12.5km s-min=8.0km az=156.0

AEIC 19 07:55:22.5, 1.7, 56, 25N, 148.78W, 0.1, h5km, 7km, Error ellipse: s-maj=12.6km s-min=8.8km az=163.0

Error ellipse: s-maj=12.6km s-min=8.8km az=163.0, ISC 19 07:55:19.5, 0.8, 56, 37N, 0.07, 148.74W, 0.05, h10km, n273, 1/19, 09/260, mb3.2/4, MS3, 3/17, Gulf of Alaska

Main table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KDKA Kodiak Island, SYI Shuyak Island, Q20K Shuyak Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SUA, SPCP Crater Peak Br, SPCG Spurr Capps GI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PLE, LSTV, MAKA, RICJ, KJUV, ZIRJ, MORI, DUGI, WIRC.

NEIC 19 11:54:57.3±1.4, 19.422N, 0.007:155.284W, 0.006, h5km, 2km, Error ellipse: s-maj=1.2km s-min=0.4km az=146.0

HVO 19 11:54:56.9±1.5, 19.415N, 0.006:155.275W, 0.007, h1km, 4km, ML2.8/22, ML2.6/37(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=143.0, Hawaiian Islands

Main station list for HVO 19 11:54:56.9±1.5, 19.415N, 0.006:155.275W, 0.007, h1km, 4km, ML2.8/22, ML2.6/37(NEIC), Error ellipse: s-maj=1.0km s-min=0.8km az=143.0, Hawaiian Islands. Includes stations like OBL, UWB, SBLHI, BYL, HATHI, UWE, KKO, RIM, WRMH, SDHH, RSD, PUAHI, PNH, KXNH, HLP, MLH, STCH, NPOC, JCUZ, HTC, JOKA, JOKA, HMH, HMH, PAH, MLOA, MLOA, MLOA, MLOA, ALEP, HPO, POHA, POHA, POHA, HUH, CPH, HPAH, HPAH.

NEIC 19 12:01:56.5±0.9, 19.41N, 0.01:155.25W, 0.01, h5km, 4km, Error ellipse: s-maj=2.0km s-min=1.4km az=194.0

HVO 19 12:01:57.1±1.3, 19.395N, 0.010:155.269W, 0.009, h0km, 3km, ML3.8/37, ML1.2/26(NEIC), Error ellipse: s-maj=1.5km s-min=1.0km az=216.0, Hawaiian Islands

Main station list for HVO 19 12:01:57.1±1.3, 19.395N, 0.010:155.269W, 0.009, h0km, 3km, ML3.8/37, ML1.2/26(NEIC), Error ellipse: s-maj=1.5km s-min=1.0km az=216.0, Hawaiian Islands. Includes stations like BYL, SDHH, OBL, HATHI, UWB, WRMH, UWE, UWE, PUAHI, PUAHI, RSD, RSD, RSD, RSD, KXNH, HLP, HLP, HLP, STCH, STCH, STCH, MLH, MLH, MLH, MLOA.

HVO 19 12:02:16.2±1.1, 19.40N, 0.01:155.272W, 0.009, h0km, 5km, ML4.0/7, mb4.3/26(NEIC), ML3.4/37(NEIC), Error ellipse: s-maj=1.8km s-min=1.2km az=150.0

NEIC 19 12:02:17.4±1.3, 19.40N, 0.01:155.282W, 0.007, h2km, 4km, Error ellipse: s-maj=2.0km s-min=0.6km az=126.0

IDC 19 12:02:19.0±1.2, 19.71N, 155.28W, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=259.9km s-min=44.5km az=34.0

ISC 19 12:02:17.5±0.7, 19.41N, 0.04:155.27W, 0.02, h10km, n70, r154/72, mb4.2/20, Hawaiian Islands

Main station list for IDC 19 12:02:19.0±1.2, 19.71N, 155.28W, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=259.9km s-min=44.5km az=34.0. Includes stations like KKO, BYL, RIM, HATHI, OBL, SBLHI, UWB, UWE, SDHH, PUAHI, PUAHI, RSD, RSD, RSD, RSD, KXNH, HLP, HLP, HLP, STCH, STCH, STCH, MLH, MLH, MLH, MLOA, MLOA, MLOA, MLOA, ALEP, HPO, POHA, POHA, POHA, HUH, CPH, HPAH, HPAH, HPAH, HPAH, WCT, F10A, PMR, KTH, YFT, YFT, M29M, M29M, BCAR, PDAR, CCB, J25K, J25K, IL31, ILAR, ILAR, J26L, MDM, MDM, DAWY, EGAK, I26K, VHRN, VHRN, EDM, I30M, I30M, TX31, TX31, TXAR, TXAR, H29M, H29M, G29M, G29M, SAND, SAND, SAND, G31M, G31M, SMWD, INK, INK, ABTX, ABTX, YKA, YKA, BRDY, BRDY.

NEIC 19 12:21:13.3±0.8, 19.429N, 0.005:155.273W, 0.006, h2km, 2km, Error ellipse: s-maj=0.9km s-min=0.7km az=127.0

HVO 19 12:21:12.9±0.8, 19.419N, 0.006:155.277W, 0.006, h1km, 2km, ML3.0/34, ML2.5/40(NEIC), Error ellipse: s-maj=1.0km s-min=0.9km az=188.0, Hawaiian Islands

Main station list for HVO 19 12:21:12.9±0.8, 19.419N, 0.006:155.277W, 0.006, h1km, 2km, ML3.0/34, ML2.5/40(NEIC), Error ellipse: s-maj=1.0km s-min=0.9km az=188.0, Hawaiian Islands. Includes stations like OBL, UWB, SBLHI, UWE, HATHI, HATHI, BYL, KKO, RIM, WRMH, SDHH, RSD, RSD, RSD, RSD, KXNH, HLP, HLP, HLP, MLH, MLH, MLH, MLOA, MLOA, MLOA, MLOA, MWH, MWH, PAH, PAH, KKH, KKH, KKH, KKH, HPAH, HPAH, HPAH, HPAH.

IDC 19 12:33:26.7±3.1, 0.3820N, 116.011W, h0km, Error ellipse: s-maj=145.0km s-min=9.5km az=5.0, Nevada

Station list for IDC 19 12:33:26.7±3.1, 0.3820N, 116.011W, h0km, Error ellipse: s-maj=145.0km s-min=9.5km az=5.0, Nevada. Includes stations like NVAR, NVAR, I57U, I56U, I59U.

NEIC 19 12:39:37.5±1.1, 19.418N, 0.007:155.298W, 0.006, h1km, 1km, Error ellipse: s-maj=1.0km s-min=0.7km az=171.0

HVO 19 12:39:37.2±1.0, 19.412N, 0.006:155.285W, 0.007, h1km, 2km, ML3.2/36, ML2.7/35(NEIC), Error ellipse: s-maj=0.9km s-min=0.9km az=178.0, Hawaiian Islands

Main station list for HVO 19 12:39:37.5±1.1, 19.418N, 0.007:155.298W, 0.006, h1km, 1km, Error ellipse: s-maj=1.0km s-min=0.7km az=171.0. Includes stations like OBL, UWB, UWE, UWE, WRMH, WRMH, SBLHI, KKO, BYL, SDHH, HATHI, RSD, RSD, PUAHI, PUAHI, PUAHI, KXNH, HLP, HLP, HLP, MLH, STCH, STCH, STCH, NPOC, JCUZ, HTC, HMH, HMH, JOKA, JOKA, MLOA, MLOA, MLOA, MLOA, MWH, MWH, PAH, PAH, KKH, KKH, ALEP, HPO, POHA, POHA, POHA, POHA.

19d 13h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hualalai, Captain Cook, Hawaii Prepara, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like N18K, Kilae Creek, Meade River, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KURK, BVAR, BRVK, ABKAR, QSPA, and CPUP.

NEIC 19 14:02:36.6±0.8, 19°44'N, 0°04'W, 155°28'W, ±0.009, h4km, 1km, Error ellipse: s-maj=6.4km s-min=2.4km az=8.0

HVO 19 14:02:36.2±1.9, 19°42'N, 0°02'W, 155°27'W, ±0.008, h1km, 4km, ML3.0/10, ML2.0/27(NEIC), Error ellipse: s-maj=2.8km s-min=0.9km az=183.0, Hawaiian Islands

Main table for Hawaiian Islands section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBL, UWB, SBLH, etc.

IDC 19 14:06:25.7±0.8, 15°91'N, 39°63'E, h0km, mb4.1/19, mbmp4.1/19, ML2.4/1, MS3.4/11, Error ellipse: s-maj=20.5km s-min=16.2km az=1.0

NEIC 19 14:06:27.3±1.4, 15°8'N, 0°1:39'E, 0°1, h10km, 1km, mb4.6/31, Error ellipse: s-maj=19.7km s-min=17.8km az=207.0

ISC 19 14:06:27.2±0.4, 15°30'N, 0°05:39'E, 0°07, h10km, n88, ±130/82, mb4.5/38, MS3.5/8, 7C-5D, Ethiopia

Main table for Ethiopia section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATD, UOSS, KARP, BRTR, etc.

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

SEININ Lac Senin/Sane 40.97 325 P P 14 14 07.2 0.0

ARU Arti 42.95 15 P Iamb Iamb 14 14 26.7 +0.5

MEM Membach 43.30 229 dP P 14 14 35.5 +1.5

BVAR Borovoye Array 44.25 26 P P 14 14 36.1 -0.7

BVAR Borovoye Array 44.25 26 P P 14 16 21.3 +1.4

DBIC Dimbokro 44.47 263 P P 14 14 39.1 0.0

DBIC Dimbokro 44.47 263 P P 14 14 39.1 0.0

ESDC Sonseca Array 44.66 311 P P 14 14 41.3 +0.9

ESDC Sonseca Array 44.66 311 P P 14 14 41.0 +0.6

FIAT FINESS Array B 46.50 351 P P 14 14 53.7 -0.8

KURBB Kurchatov Ar 46.63 33 P P 14 14 56.4 +0.7

MAKZ Makanchi 46.67 40 P Iamb Iamb 14 14 57.0 0.0

KURK Kurchatov 46.73 33 P P 14 14 56.9 +0.4

PVAO Makanchi Array 46.87 40 P P 14 14 58.0 +0.5

MK31 Makanchi Array 46.86 40 P Iamb Iamb 14 14 59.0 0.0

MKAR Makanchi Array 46.86 40 P P 14 14 57.9 +0.3

MKAR Makanchi Array 46.86 40 P P 14 14 58.2 +0.6

HFS Hagfors 48.02 343 P P 14 15 05.2 -1.1

NOA NORSTAR Array B 49.47 342 P P 14 15 16.6 -0.9

EKA Eskdalemuir Ar 51.16 330 P P 14 15 29.4 -1.0

ZAAO Zalesovo Array 51.66 32 P Iamb Iamb 14 15 33.1 -1.1

ZALV Zalesovo Beam 51.66 32 P P 14 15 33.1 -1.1

ZALV Zalesovo Beam 51.66 32 P P 14 15 33.6 -0.6

ARCES ARCESS Array B 54.33 354 P P 14 15 53.4 -0.2

ARCES ARCESS Array B 54.33 354 P P 14 15 53.1 -0.5

SHEL Horse Pasture 54.82 237 P P 14 15 56.1 -1.9

CMAR Chiang Mai Ar 56.53 78 P P 14 16 09.0 -1.3

PZH PanZhihua 58.41 68 P pmax pmax 14 16 24.8 +1.2

NRK Noril'sk 61.10 18 P P 14 16 40.6 -0.7

SONM Songino Array 62.83 44 P P 14 16 53.6 +0.2

SONM Songino Array 62.83 44 P P 14 16 53.5 +0.2

SCO Scoresbysund Hu-ho-hao-te 65.76 341 P P 14 17 12.6 +0.6

HHC HHC 66.21 52 P pmax pmax 14 17 15.8 +0.2

SUMG Summit 71.36 342 P Iamb Iamb 14 17 47.1 -0.4

NJ2 Nanjing 72.77 61 P pmax pmax 14 17 56.0 -0.2

KSRS Korea Array 79.20 54 P P 14 18 32.2 -0.5

PSA0 Pibara Seismi 87.00 113 P Iamb Iamb 14 19 10.6 -2.8

MDP Montagnes des 90.77 275 LR LR 14 19 58.3

NVAR Mina Array Bea 122.12 340 PKP PKPdf 14 25 22.4 -0.5

TXAR Lajitas Array 127.32 322 PKP PKPdf 14 25 24.5 +0.3

AFAD 19 14:16:54.7±0.0, 41°25'N, 26°78'E, h7km, 3km, MLL1.5

ISK 19 14:16:57.3, 42°07'N, 25°52'E, h6km, ML1.9/9, Bulgaria

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

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

BYRN Byron's Ledge 0.01 105 P P 14 36 35.3 +1.1

HATHI Halema'uma'u T 0.02 66 P P 14 02 37.1 +0.4

KKO Keanakako'i 0.02 149 P P 14 02 38.2 +1.5

RIM Rim 0.02 170 P P 14 02 38.0 +1.4

WRMH West Rim 0.02 246 P P 14 02 38.1 +1.4

SDHH Sand Hill 0.03 210 P P 14 02 37.8 +1.4

RSD Rainedsh 0.05 357 P IAML 14 02 37.5 +0.4

RSD Rainedsh 0.05 357 P IAML 14 02 37.5 +0.4

PUH Pauahi 0.07 126 P IAML 14 02 39.9

PUH Pauahi 0.07 126 P IAML 14 02 39.9

KNHH Kane Nui o Ham 0.11 110 P P 14 02 39.2 +0.9

HLP Hilina Pali 0.12 194 P P 14 02 39.8 +1.2

HLP Hilina Pali 0.12 194 P IAML 14 02 39.8 +1.1

MLH Mauna Loa 0.13 307 P P 14 02 42.9

MLH Mauna Loa 0.13 307 P IAML 14 02 42.9

STCH Steam Cracks 0.15 102 P IAML 14 02 43.9

STCH Steam Cracks 0.15 102 P IAML 14 02 43.9

HTC Hot Caves 0.21 213 P P 14 02 41.1 +0.9

HMH Humu'ula Sheep 0.27 314 P IAML 14 02 42.0 +0.7

HMH Humu'ula Sheep 0.27 314 P IAML 14 02 42.0 +0.7

MLOA Mauna Loa Obse 0.31 293 P P 14 02 42.2 +0.1

MLOA Mauna Loa Obse 0.31 293 P IAML 14 02 50.0

KHU Kahuku 0.36 242 P IAML 14 02 43.6 +0.5

KHU Kahuku 0.36 242 P IAML 14 02 54.7

HUH Hualalai 0.59 297 P P 14 02 48.0 +0.5

HUH Hualalai 0.59 297 P P 14 02 48.0 +0.5

IDC 19 14:41:33.1±0.5, 11°03'N, 84°76'W, h161km, 6km, mb3.4/10, mbmp3.9/13, Error ellipse: s-maj=24.0km s-min=11.0km az=51.0

UCR 19 14:41:33.1±1.1, 10°79'N, 85°02'W, h178km, 2km, MW4.6

NEIC 19 14:41:34.8±1.4, 10°80'N, 0°07:84'W, 0°09, h171km, 6km, mb4.5/47, Error ellipse: s-maj=13.9km s-min=8.5km az=61.0

CATAC 19 14:41:35.3±0.2, 10°75'N, 85°01'W, h163km, 2km, MB5.3, mb4.6/ML4.4

UPA 19 14:41:34.0±3.4, 10°94'N, 84°40'W, h10km, 51km, MW4.6

ISC 19 14:41:34.1±0.5, 10°79'N, 0°03:84'W, 0°03, h178km, 4km, n232, ±1907/309, mb4.5/33, 54C-11D, Costa Rica

Main table for Costa Rica section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VERA, CUI, etc.

19d 14h

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Table with columns for station name, frequency, mode, and coordinates. Includes stations like MORN AI O del Volca, JAPN AI SSO del Vol, INDI Punta indio, BELE Belen, SANTA Santa Ana, etc.

IDC 19 14:46:44.5:21.0, 18°96N, 155°97W, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=438.1km s-min=62.1km az=36.0
HVO 19 14:46:48.2:0.8, 19°40N, 0°01:10:155:275W, 0°008, h1km, 1km, ML3.4/44, ML3.4/44(NEIC), Error ellipse: s-maj=1.5km s-min=1.0km az=169.0
NEIC 19 14:46:48.8:1.2, 19°38N, 0°01:10:155:301W, 0°007, h5km, 2km, Error ellipse: s-maj=1.6km s-min=0.6km az=155.0
ISC 19 14:46:49.1:0.8, 19°42N, 0°04:155:29W, 0°03, h10km, n37, s=179/95, mb3.6/3, Hawaiian Islands

19d 15h

2018 JUN

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Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CN2, MVL Millersville, FRB Frobiher Bay, DL2 Dalian, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, JMA, IDC, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like E0S2, TWB1, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TWC, TIPB, SX11, etc.

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

Vertical text on the left side of the bottom table, including station codes and names like IDC, DJA, etc.

Vertical text on the right side of the bottom table, including station codes and names like NEIC, IDC, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Mode, and other parameters. Includes stations like Sitkinak Islan, Shuyak Island, Karluk, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Mode, and other parameters. Includes stations like Holitna River, Mount Upton, Kwethluk River, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Mode, and other parameters. Includes stations like Trinidad, Maddies Station, Dawn, etc.

NEIC 19 16:00:38.4e.0.2,36.276N.0.009.97.51W.0.01,h5km,1km, Error ellipse: s-maj=2.6km s-min=2.2km az=75.0 TUL 19 16:00:38.6e.0.3,36.282N.0.01.97.51W.0.02,h8km,10km, ML3.1,mb_Lg3.3/125(NEIC),ML3.6/62(NEIC),Error ellipse: s-maj=1.9km s-min=1.8km az=129.0,Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CROK, Pawnee Station, Liberty Lake, etc.

NEIC 19 15:58:09.6e.0.8,35.378N.0.006.98.07W.0.02,h5km,1km, Error ellipse: s-maj=3.2km s-min=2.6km az=261.0 TUL 19 15:58:09.8e.1.0,35.371N.0.02.98.07W.0.02,h7km,4km, ML3.1,mb_Lg2.6/53(NEIC),ML2.7/40(NEIC),Error ellipse: s-maj=2.5km s-min=2.1km az=76.0,Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like OKCSW, OKLAHOMA CITY, Argonia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tabor, Kaye Shedlock, Richard Creek, etc.

UPA 19 16:20:25.3,0.4, 10.42N,83.06W, h75km, 179km, MW4.4
UCR 19 16:20:27.1,0.7, 8.87N,84.10W, h0km, 6km, MW3.8
ISC 19 16:20:25.4,2.1, 8.77N,0.09,84.17W,0.08, h10km, n19,

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

IDC 19 16:22:35.2,2.5, 15.57N,39.71E, h0km, mb3.9/7,
mbmp3.9/7, Error ellipse: s-maj=68.2km s-min=22.3km
az=155.0

ISC 19 16:22:37.9,0.8, 15.67N,0.07,39.5E,0.1, h10km, n9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Furi, Keskinn Array, etc.

IDC 19 16:27:06.2,0.7, 6.76N,73.01W, h160km, 7km, mb3.4/8,
mbmp3.9/11, Error ellipse: s-maj=20.0km s-min=7.4km
az=131.0

NEIC 19 16:27:06.3,2.5, 6.71N,0.10,73.05W,0.03, h161km, 10km,
mb4.2/16, Error ellipse: s-maj=14.9km s-min=1.9km
az=166.0

RSNC 19 16:27:09.1,0.0, 7.1N,1.7,73.3W, h141km, 3km, M3.5, mb4.0,
mb4.9, ML3.5, MLV4.3, Mw(MB)4.2

ISC 19 16:27:05.0,0.6, 6.83N,0.37,73.07W,0.04, h154km, 5km,
n76, e1948/113, mb4.1/15, Northern Colombia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCR2, La Lucha 2, Bea Vista, etc.

GCAY Schefferville 48.13 5 P P 16 35 31.1 +1.5

SCHO Schefferville 48.13 5 P P 16 35 57.6

SCHO Schefferville 48.13 5 P P 16 35 31.5 +1.8

YKA Yellowknife Ar 63.27 340 P P 16 37 18.2 +0.8

YKA Yellowknife Ar 63.27 340 P P 16 37 17.9 +0.4

BBB Bella Bella 63.68 326 P P 16 37 19.6 -0.7

DBIC Dimbokro 67.69 86 P P 16 37 46.1 -0.7

SUMG Summit 68.77 11 P P 16 37 55.3 +1.2

A36M Sachs Harbour 72.44 345 P P 16 38 14.6 0.0

TORD Torodi Ar. Bea 73.69 78 P P 16 38 21.6 -1.5

BMAR Burnt Mountain 76.67 398 P P 16 38 40.5 +1.4

ILAR Eilson Array 76.97 335 P P 16 38 41.5 +0.7

D25K Kavir River 77.77 340 P P 16 38 46.7 +1.5

J20K Novinta River 80.00 334 P P 16 39 04.4

NEIC 19 16:33:48.2,0.5, 36.82N,0.01,97.733W,0.009, h5km, 2km,
Error ellipse: s-maj=1.7km s-min=0.9km az=204.0

TUL 19 16:33:48.5,0.4, 36.823N,0.010,97.74W,0.01, h8km, 8km,
ML2.6, mb, Lg2.3/34(NEIC), ML2.7/51(NEIC), Error
ellipse: s-maj=1.6km s-min=1.3km az=51.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAN17, Caldwell West, etc.

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 33 54.9 +0.3

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 33 59.1 +0.5

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 01.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 02.3

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 03.3

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 05.3

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 06.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 07.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 08.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 09.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 10.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 11.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 12.6

KAN05 Bluff City N 0.31 339 Sg IAML Pg 16 34 13.6

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 09.2 -0.6

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.4

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

U32A Winter Ranch, 1.11 247 Pg IAML Pg 16 34 26.8

TUL3 Lucha 2 1.81 120 Pn Pn 16 34 20.9 +0.9

X34A Smith Ranch, M 2.22 182 Pn Pn 16 34 26.0 +0.4

X34A Smith Ranch, M 2.22 182 Pn Pn 16 34 59.3

WMOK Wichita Mouna 2.25 203 Pn Pn 16 34 26.0 0.0

KSU11 Kansas State U 2.44 21 Pn Pn 16 35 12.0

CBKS Cedar Bluff 2.54 322 Pn Pn 16 34 31.0 +0.9

SMWD Samnorwood 2.66 231 Pn Pn 16 35 17.2

X37A Clayton 2.94 139 IAMB_Lg 16 35 27.8

AMTX Amarillo 3.74 240 IAMB_Lg 16 35 52.2

MIAR Mount Ida 4.08 123 IAMB_Lg 16 35 60.0

DKNS Dickens 4.09 221 IAMB_Lg 16 36 01.7

MGMO Mountain Grove 4.39 84 IAMB_Lg 16 36 08.6

R40A Maddies Station 4.58 70 IAMB_Lg 16 36 21.3

WHAR Woolly Hollow 4.67 108 IAMB_Lg 16 36 19.6

POST Pos 4.86 221 IAMB_Lg 16 36 36.2

P40A Paris 5.23 57 IAMB_Lg 16 36 34.6

T42A Van Buren 5.33 86 IAMB_Lg 16 36 47.9

LCAR Lake Charles 5.36 96 IAMB_Lg 16 36 45.4

OZNA Ozona 6.53 207 IAMB_Lg 16 37 21.3

S22A IUR Ranch, Cre 3.71 280 IAMB_Lg 16 37 36.3

PECS Pecos 7.45 225 IAMB_Lg 16 38 00.0

IDC 19 16:37:06.4,1.4, 31.160S,178.47W, h0km, mb3.9/3,

mbmp4.0/5, ML4.1/2, Error ellipse: s-maj=35.5km

s-min=25.4km az=96.0

NEIC 19 16:37:08.9,0.9, 31.170S,0.09,178.6W,0.2, h10km, 2km,

mb4.4/6, Error ellipse: s-maj=26.9km s-min=12.5km

az=107.0

ISC 19 16:37:11.1,1.0, 31.665S,0.08,178.6W,0.2, h35km, n18,

e128/20, mb4.2/5, Kermadec Islands region

Code Station Name Az, Az', Phase ID Time Res h, m, s, ISC

RAO Raoul Island 2.46 13 Pn Pn 16 37 49.8 +1.1

RAO Raoul Island 2.46 13 Pn Pn 16 37 48.6 -0.2

RAO Raoul Island 2.46 13 Pn Pn 16 38 14.6 -3.0

URZ Urewera 7.48 207 Pn Pn 16 38 58.1 +0.4

1.6nm,0.3s,baz=350,slow=1.1,SNR=16

Sn Sn 16 38 15.5 -2.8

1.6nm,0.3s,baz=117,slow=0.8,SNR=1.8

3.8nm,0.3s

RTZ Black Stump Fm 7.84 207 Pn Pn 16 39 01.6 -1.1

BKJ Black Stump Fm 8.51 207 Pn Pn 16 39 10.8 -1.0

TCW Turf Channel 11.41 209 Pn Pn 16 39 48.1 +0.3

LIFNC LIFOU 16.71 307 Pn Pn 16 41 02.8 +0.3

comp=Z,112nm,1.1s

AS31 Alice Springs 42.58 269 P IAMB Pg 16 45 04.1 +0.2

AS31 Alice Springs 42.58 269 P IAMB Pg 16 45 10.4

ASAR Alice Springs 42.58 269 P P 16 45 04.2 +0.3

ASAR Alice Springs 42.58 269 P P 16 45 05.0 +1.1

Table with columns: WRA, WB0, MTN, QSPA, FINES, TORD. Includes station names, coordinates, and various parameters like SNR and elevation.

IDC 19 17:01:58.8-1.5, 23.22N:121.60E, h0km, mb3.6/6, mbtmp3.6/6, MS3.2/4, Error ellipse: s-maj=119.9km, s-min=21.9km az=65.0

Main table listing station codes (e.g., ELDTW, LONT, ECS, EHD, EHW, etc.), station names, and various parameters including coordinates, elevation, and signal quality.

Main table listing station codes (e.g., MASBT, SGLT, TWM1, CHN3, etc.), station names, and various parameters including coordinates, elevation, and signal quality.

Main table listing station codes (e.g., NMLH, ENA, LATG, etc.), station names, and various parameters including coordinates, elevation, and signal quality.

NEIC 19 17:44:19.0-1.9, 17.5S:0.2x178.5W:0.2, h540km, 17km, mb4.5/22, Error ellipse: s-maj=33.2km s-min=26.8km

IDC 19 17:44:20.5-16.0, 17.02S: 179.10W, h532km, 120km, mb3.5/3, mbtmp4.5/4, Error ellipse: s-maj=155.1km, s-min=111.4km az=62.0

ISC 19 17:42:21.5-2.8, 17.7S:0.3x179.0W:0.3, h539km, n29, 0.80/29, mb4.6/14, Fiji Islands region

Table listing station codes (e.g., MSVF, AFI, DZM, etc.), station names, and various parameters including coordinates, elevation, and signal quality.

IDC 19 18:08:06.5-7.4, 36.62N:71.47E, h113km, 70km, mb3.3/3, mbtmp3.6/9, MS3.8/1, Error ellipse: s-maj=57.2km, s-min=28.8km az=12.0

NNC 19 18:08:09.7-1.4, 36.99N:71.28E, h147km, 34km, mb3.2, mpv4.0, Error ellipse: s-maj=15.2km s-min=9.9km az=33.0

ISC 19 18:08:10.3-1.2, 36.97N:0.10x71.4E:0.1, h150km, n20,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HARU Harads, JETT Jettan, TRO Tromso, KALU Kalix, etc.

IDC 19 20:03:06.9:3.9,36:24N:70:95E, h167km,33km, mb3.2/8, mbmp3.6/12, Error ellipse: s-maj=30.5km s-min=20.2km az=165.0

NNC 19 20:03:13.7:3.9,36:85N:70:78E, h163km,94km, mb2.9, mpv3.7, Error ellipse: s-maj=40.9km s-min=27.6km az=170.0

ISC 19 20:03:10.2:1.1,36:68N:0:10:70.87E:0.09, h188km, n18, az=149/22, mb3.4/7, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, CHMS Chumysh, etc.

NIED 19 20:04:03.4:38:50N:144:24E, h36km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; M1:1.50; M2:0.53; M3:0.98; M4:0.13; M5:0.59; M6:1.04; Fault plane solution: M1: 78000x10^14 NP1: az=200.00000, az=63.00000, az=102.00000; NP2: az=46.00000, az=30.00000, az=67.00000

JMA 19 20:04:03.4:0.2,38:50N:0:7:144.2E:1.0, h36km, MV3.9/32, FAR E OFF NORTH HONSHU, Off east coast of Honshu

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

Table with columns: JRY, NEM, NEM2, Abashiri-Toko, etc. Includes station names and coordinates.

IDC 19 20:12:43.5:0.6,33:76N:45:75E, h13km, ML2.7, TEH 19 20:12:43.7,33:77N:45:76E, h13km,56km, ML2.7, ISC 19 20:12:42.3:1.4,33:76N:0:05:45:71E:0.10, h10km, n10, az=42/11, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLG1 Gilan-e-Gharb, IBDR Badra, etc.

IDC 19 20:22:47.4:3.1,3:94S:101:23E, h0km, mb3.7/7, mbmp3.7/7, Error ellipse: s-maj=144.8km s-min=19.2km az=53.0, DJA 19 20:22:55.8:0.4,4:5:7:10:10:2E+, h49km,12km, M3.9/8, MLv3.9/8, ISC 19 20:22:54.7:1.1,3:6S:0:2:101.7E:0.1, h35km, n24, az=19/17, mb3.8/7, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAI Manna, PPSI Pulau Pagai, etc.

ROM 19 20:25:16.7:0.1,40:91N:0:004:15:137E:0:006, h10km, ML2.0/49, Error ellipse: s-maj=0.5km s-min=0.4km az=113.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIAL Lioni, SNO3 S. Angelo Dei, etc.

Large table with columns: CAFE, SSB3, MRB1, MRB2, etc. Includes station names, coordinates, and various data points.

ROM 19 20:25:56.4:0.1,40:89N:0:004:15:136E:0:006, h10km, ML1.8/26, Error ellipse: s-maj=0.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like S. Angelo Dei, Montemarano, Calabretti, Monte Rocchetti, Sant Agata di, etc.

ISC 19 20:28:40.9-0.6, 45.04N-141.76E, h0km, mb3.6/11, mbmp3.6/13, ML2.9/2, MS3.0/5, Error ellipse: s-maj=18.1km s-min=10.0km az=60.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Keihoku, Rishiri, Soyaes, Shosan, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Maruseppu, Ashibetsu, Ishikarishtsu, Abashiri-Toko, Yuzh-Sakhalins, Nemuroshibetsu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV, ASAR, KURBB.

IDC 19 21:06:29.4-1.5, 16.96N-94.71E, h0km, mb3.7/6, mbmp3.7/7, ML4.5/1, MS3.5/2, Error ellipse: s-maj=29.3km s-min=20.9km az=57.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR, PALK, MKAR, SONM, H08S3, etc.

IDC 19 21:16:57.1-2.1, 57.02S-148.20E, h0km, mb3.9/6, mbmp3.9/6, MS3.8/10, Error ellipse: s-maj=152.5km s-min=17.5km az=81.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vnda, STKA, URZ, H01W1, etc.

IDC 19 21:22:18.4-1.4, 44.97N-106.79W, h0km, mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=69.9km s-min=9.7km az=136.0

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

IDC 19 23:25.6:4.5,6.54S:141.94E,h0km,mb3.4/1, mbtmp3.3,ML3.3/2,MS3.2/2, Error ellipse: s-maj=14.2,2.2km s-min=34.1km az=98.0, New Guinea

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

IDC 19 23:37:48.3:0.9,55.59S:26.59W,h0km,mb4.1/4, mbtmp3.9,ML3.2/1, Error ellipse: s-maj=41.5km s-min=22.2km az=83.0

NEIC 19 23:50.5:2.3,55.75S:0.1:26.7W:0.2,h10km,1.1km, mb4.3/11, Error ellipse: s-maj=27.0km s-min=17.0km az=49.0

ISC 19 23:37:49.8:0.7,55.65S:0.1:26.7W:0.1,h10km,n34, o=072/30,mb4.3/8,4C,South Sandwich Islands region

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains a large list of stations and their associated data.

BUI 19 23:50:24.7:0.0,31.43S:178.62W,h106km,mb5.1/18, mb5.5/12

NEIC 19 23:50:27.0:1.2,31.0S:0.1:178.7W:0.1,h105km,5km, mb5.2/157, Error ellipse: s-maj=17.2km s-min=14.1km az=118.0

MOS 19 23:50:26.5:1.1,30.96S:178.72W,h116km,mb5.2/13, Error ellipse: s-maj=12.6km s-min=10.0km az=73.0

IDC 19 23:50:28.4:0.6,30.96S:178.67W,h125km,4km,mb4.6/17, mbtmp4.9,18,MS3.6/15, Error ellipse: s-maj=13.0km s-min=8.1km az=113.0

GCMT 19 23:50:28.0:0.2,31.11S:0.02:178.61W:0.01, h122km,2km,MW5.1/113,Moment Tensor Solution. s70,c88; s113,c174; Duration: 0 Moment tensor: Scale 1016Nm; M=1.16E+15; Mw=1.53E+17; Mw2.69E+17; Mw0.54E+10; M0.31E+17; Mw4.91E+10; Best double couple: Ms.30700:1018 NP1.8E+187.00000; B.79.00000; 1.8.00000; NP2.3E+356.00000; 6.11.00000; 1.101.00000; Principal axes: T 0.800, P 0.40000; Azm275.00000; N 1.5460, Plg2.0000; Azm6.0000; P -4.5340, Plg56.0000; Azm99.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 23:50:25.3:0.3,31.19S:0.04:178.67W:0.06,h100km, n375,o1993/337,mb5.2/112,4C-7D,Kermadec Islands region

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

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains a large list of stations and their associated data.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains a large list of stations and their associated data.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

NAO 19:23:50.51, 2.2, 0.79, 45N, 3.64E, ML3.5
BER 19:23:50.53, 3.4, 3.79, 42N, 3.69E, h10km, mb(Pr)4.0,
ML3.5(NAO), Confirmed Earthquake
IDC 19:23:50.53, 1.1, 1.79, 30N, 3.15E, h0km, mb3.5/5,
mb(Pr)6.1, ML2.9, MS3.2, E error ellipse:
s-maj=27.9km s-min=17.3km az=31.0

DNK 19 23:50:54.8,4.9, 79.26N,4.05E,h30km,39km,ML1.9
FCIAR 19 23:50:57.0, 79.37N,5.25E,h10km,station ZF12 has
station magnitude of 4.00 station OMEGA has station
magnitude of 3.90
KOLA 19 23:50:58.5, 78.89N,5.59E,h0km,ML2.7, Error ellipse:
s-maj=33.1km s-min=18.1km az=130.0, Greenland
sea,Knipovich ridge, north
ISC 19 23:50:58.1,3.3,79.27N,0.07,-5.72E,0.09,h17km,21km,
n63,+1980,mb3.65,MS3.3/13,3C,Svalbard region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Contains station data for KINGSBAY, SPITSBERGEN AR, HORNSTUND, DANMARKS HAVN, BJORNØYA, etc.

SADO Sadowa 45.46 276 LR LR 00 17 22.8
TKL Tuckaleehne C 55.15 277 LR LR 00 23 27.0
TXAR Lajitas Array 64.88 295 P P 00 01 30.8 -5.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Contains station data for DZM, WRA, ASAR, SONM, STCH, NPOC, JCUZ, etc.

PAHR Pah Rah Range 36.79 49 P P 00 31 26.7 -1.4
NVAR Mina Array Bea 37.10 51 P P 00 31 32.6 +1.7
PPT comp=E,0.6mm,0.6s,baz=240.0,SNR=2.8
Papeete 37.12 171 LR LR 00 41 56.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Contains station data for PPT, PFO, KVN, FURC, BELC, BC3, H02S1, KDAK, etc.

L27K	Beaver Creek	44.60	9	P	P	00 32 33.6 +1.4
BCAR	Beaver Creek A	44.61	9	P	P	00 32 32.9 +0.6
I17K	Unalutak	44.64 357	P	P	P	00 32 33.0 +0.6
BPBW	Bear Paw Mtn.	44.78	3	I	I	00 32 34.3
BPBW	Bear Paw Mtn.	44.78	3	P	P	00 32 34.2 +0.6
BW06	Boulder Array	44.79	48	P	P	00 32 33.4 -0.8
PDAR	Pinedale Array	44.79	48	P	P	00 32 34.3 +0.1
PDAR	Pinedale Array	44.79	48	P	P	00 32 34.7 +0.5
K24K	Donnelly Dome	44.85	6	P	P	00 32 34.9 +0.8
M30M	Minto, Yukon	44.99	12	P	P	00 32 36.3 +1.0
TOAD	Toad River Com	45.00	21	P	P	00 32 37.5 +2.0
M31M	Drury Creek, Y	45.16	14	P	P	00 32 37.9 +1.3
SCRK	Sand Creek	45.21	7	P	P	00 32 37.5 +0.4
SCRK	Sand Creek	45.21	7	P	P	00 32 38.1 +1.0
L29M	Harding Lake	45.24	11	P	P	00 32 38.6 +1.3
HDA	Harding Lake	45.34	5	P	P	00 32 38.8 +0.7
HDA	Harding Lake	45.34	5	P	P	00 32 39.3 +1.2
NEA2	Nenana	45.37	4	I	I	00 32 40.0
NEA2	Nenana	45.37	4	P	P	00 32 39.5 +1.2
K27K	Chicken	45.49	8	P	P	00 32 41.5 +2.3
ANMO	Albuquerque	45.56	60	P	P	00 32 40.8 +0.3
H17K	Granite Mounta	45.65	357	P	P	00 32 41.8 +1.3
J25K	Salcha River	45.69	6	I	I	00 32 43.0
J25K	Salcha River	45.69	6	P	P	00 32 41.9 +1.0
IL31	comp=Z,6.9nm,1.0s	45.71	5	I	I	00 32 42.7
ILAR	Eielson Array	45.71	5	P	P	00 32 40.8 -0.1
ILAR	Eielson Array	45.71	5	P	P	00 32 41.1 +0.2
MLY	Manley	45.73	3	P	P	00 32 41.1 0.0
MLY	Manley	45.73	3	I	I	00 32 42.3
MLY	Manley	45.73	3	P	P	00 32 41.3 +0.2
J26L	Joseph Creek	45.77	7	I	I	00 32 44.2
J26L	Joseph Creek	45.77	7	P	P	00 32 42.2 +0.8
H18K	Honhosa River	45.80	358	P	P	00 32 42.5 +0.8
I21K	Tanana	45.83	2	P	P	00 32 42.8 +0.9
I23K	Minto, Yukon-K	45.91	3	I	I	00 32 43.7
I23K	Minto, Yukon-K	45.91	3	P	P	00 32 43.4 +0.9
G15K	Niukluk	45.98	355	P	P	00 32 44.3 +1.2
K29M	Barlow Dome	46.02	11	P	P	00 32 44.1 +0.6
H20K	Anotleneega Mo	46.09	0	P	P	00 32 44.5 +0.6
H19K	Roundabout Moun	46.14	359	P	P	00 32 44.5 +0.3
H19K	Roundabout Moun	46.14	359	I	I	00 32 46.8
F13M	Roundabout Moun	46.14	359	P	P	00 32 45.0 +0.7
MNTX	Cornudas Mount	46.18	64	P	P	00 32 44.7 -0.5
G17K	Kiwalik Mounta	46.25	357	P	P	00 32 47.3 +2.2
EGAK	Eagle	46.33	8	P	P	00 32 46.8 +1.0
EGMT	Eagleton	46.41	41	P	P	00 32 47.7 +0.9
VHRM	Van Horn	46.48	66	P	P	00 32 48.0 +0.3
G18K	Tagagawik	46.56	358	P	P	00 32 48.6 +1.0
PRP	Porcupine Dome	46.56	5	P	P	00 32 47.7 -0.1
PRP	Porcupine Dome	46.56	5	I	I	00 32 49.9
PRP	Porcupine Dome	46.56	5	P	P	00 32 48.6 +0.8
H22K	Ishlaitina Cre	46.56	2	P	P	00 32 48.4 +0.8
H23K	Yukon River	46.57	3	I	I	00 32 49.5
H23K	Yukon River	46.57	3	P	P	00 32 48.5 +0.7
I26K	Coal Creek Min	46.59	7	I	I	00 32 54.6
I26K	Coal Creek Min	46.59	7	P	P	00 32 49.2 +1.3
H24K	Noodor Dome	46.69	4	I	I	00 32 50.5
H24K	Noodor Dome	46.69	4	P	P	00 32 49.5 +0.9
SDCO	Great Sand Dun	46.71	56	P	P	00 32 49.4 -0.2
G19K	Purcell Mounta	46.77	359	P	P	00 32 51.0 +1.8
J30M	Hart River	46.90	11	I	I	00 32 53.9
J30M	Hart River	46.90	11	P	P	00 32 51.7 +1.2
K22A	Casper	46.91	49	P	P	00 32 52.0 +1.0
N23A	Red Feather La	46.94	52	P	P	00 32 51.6 +0.3
I27K	Kandik River	47.06	8	P	P	00 32 53.2 +1.6
I28M	Miner Creek	47.14	9	I	I	00 32 54.5
I28M	Miner Creek	47.14	9	P	P	00 32 54.1 +1.8
F17K	Baldwin Pennin	47.22	357	P	P	00 32 54.8 +2.2
H25L	Birch Creek	47.27	5	P	P	00 32 54.5 +1.5
F18K	Selawik	47.30	358	P	P	00 32 54.7 +1.4
G23K	Bananza Creek	47.43	3	I	I	00 32 56.0
G23K	Bananza Creek	47.43	3	P	P	00 32 55.0 +0.5
F19K	Shalerukik Mo	47.47	359	P	P	00 32 55.9 +1.3
T25A	Trinidad	47.48	57	P	P	00 32 54.3 -1.2
I30M	Mount Dempster	47.49	11	I	I	00 32 58.0
I30M	Mount Dempster	47.49	11	P	P	00 32 56.2 +1.2
TXAR	Lajitas Array	47.60	68	P	P	00 32 58.0 +1.5
F20K	Avarart Lake	47.66	360	P	P	00 32 57.9 +1.8
H27K	Steamboat Moun	47.67	7	P	P	00 32 57.1 +0.8
G25K	Bearman Lake	47.73	5	P	P	00 32 57.6 +0.9
F21K	Alatna River	47.84	1	P	P	00 32 58.6 +1.0
COLD	Coldfoot	47.94	3	P	P	00 33 00.1 +1.7
E19K	Redstone River	48.09	359	I	I	00 33 04.4
E19K	Redstone River	48.09	359	P	P	00 33 00.9 +1.4
H29M	Whitestone	48.09	9	P	P	00 33 00.6 +1.1
G26K	Porcupine Rive	48.12	6	P	P	00 33 00.7 +1.0

F22K	John River	48.16	2	P	P	00 33 01.3 +1.3
E18K	Tukpahtearik C	48.16	357	P	P	00 33 01.5 +1.5
G27K	Doyon Strip	48.21	7	P	P	00 33 01.5 +1.0
LAO	LASA Array	48.22	44	P	P	00 33 01.3 +0.4
F24K	Squaw Lake	48.35	4	P	P	00 33 02.1 +0.5
EPYK	Eagle Plains	48.48	10	I	I	00 33 04.8
EPYK	Eagle Plains	48.48	10	P	P	00 33 03.5 +0.9
MSTX	Muleshoe	48.51	61	P	P	00 33 03.2 -0.2
D17K	Noatak River	48.58	356	P	P	00 33 04.7 +1.5
F25K	Christian River	48.58	5	P	P	00 33 04.1 +0.8
G29M	Pine Creek	48.79	9	P	P	00 33 06.1 +1.2
F26K	Sheenjek River	48.81	6	P	P	00 33 06.7 +1.0
E24K	Your Creek	48.87	3	P	P	00 33 06.3 +0.8
E20K	Nigu River	48.88	359	P	P	00 33 06.7 +1.1
RSSD	Black Hills	49.02	48	P	P	00 33 07.1 -0.3
RSSD	Black Hills	49.02	48	I	I	00 33 08.9
RSSD	Black Hills	49.02	48	P	P	00 33 07.2 -0.1
E21K	Killik River	49.06	1	P	P	00 33 08.1 +1.1
E25K	Arctic Village	49.11	5	P	P	00 33 08.3 +0.9
G30M	Taoh Zraii Nji	49.13	10	P	P	00 33 08.3 +0.7
G30M	Taoh Zraii Nji	49.13	10	I	I	00 33 09.4
G30M	Taoh Zraii Nji	49.13	10	P	P	00 33 08.6 +1.1
D19K	Kuna River	49.15	359	P	P	00 33 09.1 +1.4
F28M	Old Crow	49.20	8	P	P	00 33 09.1 +1.0
F28M	Old Crow	49.20	8	I	I	00 33 10.5
F28M	Old Crow	49.20	8	P	P	00 33 09.8 +1.8
D20K	Etiyuk River	49.34	359	P	P	00 33 11.0 +1.9
TOLK	Toolik Lake Re	49.38	3	P	P	00 33 11.4 +1.9
G31M	Sat River	49.40	11	P	P	00 33 11.1 +1.6
C18K	Utukok River	49.41	357	I	I	00 33 11.7
C18K	Utukok River	49.41	357	P	P	00 33 11.6 +1.9
PETK	Petrovlovsk-	49.46	324	P	P	00 33 11.1 +0.8
PETK	Petrovlovsk-	49.46	324	P	P	00 33 10.8 +0.6
D22K	Aiyikyak River	49.52	1	P	P	00 33 12.4 +1.9
E27K	Coleen River	49.54	7	I	I	00 33 13.3
E27K	Coleen River	49.54	7	P	P	00 33 12.6 +1.9
D23K	Nanushuk River	49.66	2	P	P	00 33 13.3 +1.7
F30M	Bar River	49.77	10	P	P	00 33 13.5 +1.1
C21K	Knifeblade Rid	49.78	0	P	P	00 33 14.2 +1.8
C19K	Lookout Ridge	49.80	358	P	P	00 33 14.0 +1.3
D24K	Happy Valley	49.92	3	I	I	00 33 17.0
D24K	Happy Valley	49.92	3	P	P	00 33 14.6 +1.1
F11M	Tsigeitchek	49.96	11	P	P	00 33 14.3 +0.6
B18K	Kokolik River	50.15	357	P	P	00 33 16.1 +0.9
E28M	Babbage River	50.18	7	I	I	00 33 17.9
E28M	Babbage River	50.18	7	P	P	00 33 16.8 +1.3
E29M	Blow River	50.19	8	I	I	00 33 17.6
E29M	Blow River	50.19	8	P	P	00 33 16.4 +0.9
D25K	Kavik River	50.23	4	I	I	00 33 18.3
D25K	Kavik River	50.23	4	P	P	00 33 16.9 +1.0
B21K	Ikpkuk River	50.24	0	P	P	00 33 16.8 +0.9
C23K	Iktilik River	50.53	2	P	P	00 33 19.5 +1.4
B20K	Meade River	50.65	359	P	P	00 33 20.1 +1.2
C27K	Jag River	50.73	5	P	P	00 33 20.8 +1.1
INK	Inuvik	50.77	10	P	P	00 33 19.8 -0.1
INK	Inuvik	50.77	10	I	I	00 33 22.0
INK	Inuvik	50.77	10	P	P	00 33 20.7 +0.8
INK	Inuvik	50.77	10	LR	LR	00 50 55.5
C26K	Camden Bay	50.92	5	P	P	00 33 22.2 +1.2
D28M	Stokes Point	50.96	7	P	P	00 33 22.4 +1.1
B22K	Teshkepuk Lake	50.98	1	I	I	00 33 23.8
B22K	Teshkepuk Lake	50.98	1	P	P	00 33 23.2 +1.8
YKA	Yellowknife Ar	51.30	23	P	P	00 33 24.7 +0.7
YKA	Yellowknife Ar	51.30	23	I	I	00 51 37.6
A22K	Sinclair Lake	51.63	0	P	P	00 33 27.6 +1.3
WMOK	Wichita Mounta	51.84	61	P	P	00 33 28.7 +0.1
ECSD	EROS Data Cent	54.23	50	I	I	00 33 47.0
ECSD	EROS Data Cent	54.23	50	P	P	00 33 46.3 +0.2
TUL3	Leonard	54.31	59	P	P	00 33 47.0 +0.2
NATX	Nacogdoches	55.32	64	P	P	00 33 54.3 +0.3
A36M	Sachs Harbour	55.39	11	P	P	00 33 54.8 +0.9
AGMN	Agassiz Nation	55.42	44	I	I	00 33 55.5
AGMN	Agassiz Nation	55.42	44	P	P	00 33 54.9 +0.4
MA2	Magadan	55.56	330	LR	LR	00 53 21.1
ULM	Lac du Bonnet	55.76	42	I	I	00 33 58.2
ULM	Lac du Bonnet	55.76	42	P	P	00 33 56.1 -0.9
MIAR	Mount Ida	56.13	61	P	P	00 33 59.9 0.0
R40A	Maddies Station	57.16	56	I	I	00 34 08.3
T42A	Van Buren	58.10	58	I	I	00 34 14.8
EYMM	Ely	58.27	45	P	P	00 34 15.8 +1.0
G40A	Rib Lake	58.48	48	P	P	00 34 18.5 -1.1
MJAR	Matsushiro Arr	60.22	302	P	P	00 34 30.0 +1.5
SFIN	Lafayette	61.15	54	P	P	00 34 34.6 -0.2
O48B	Farmland	62.64	54	P	P	00 34 44.3 -0.5
E46A	Sault Ste Mari	63.09	47	P	P	00 34 47.0 -0.6

GOGA	Godfrey	64.59	62	P	P	00 34 57.6 -0.2
USRK	Ussuriysk Ar.	64.59	310	P	P	00 34 57.7 +0.1
P52A	Corning	65.00	55	P	P	00 34 59.7 -0.6
SSPA	Standing Stone	68.13	53	P	P	00 35 20.4 +0.1
KSRS	Korea Array	68.32	303	P	P	00 35 23.0 +1.4
KSAR	Wonju Array Arr	68.35	303	P	P	00 35 22.4 +0.6
BSIN	Binantmon	69.34	51	P	P	00 35 27.4 -0.5
LONY	Lake Ozonia	70.03	49	P	P	00 35 31.6 -0.5
PAL	Palisades	71.06	52	P	P	00 35 37.8 -0.6
XLT	XiLinHaoTe	75.98	312	eP	P	00 36 08.3 +0.9
NJ2	Nanjing	76.71	299	eP	P	00 36 13.3 +1.6
SUMG	Summit	79.24	16	P	P	00 36 25.3 -0.2
SUMG	Summit	79.24	16	I	I	00 36 27.4
SUMG	Summit	79.24	16	P	P	00 36 25.0 -0.5
DYD	Dyng					

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes call signs like LPAZ, LZPZ, ZONZ, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes call signs like RCBR, BCIP, HZC, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes call signs like TZTN, DRIO, V4BA, etc.

20d 1h

HRV	Adam Dzewiosk	66.14 356	P	P	01 20 21.3 +0.8
HRV	Adam Dzewiosk	66.14 356	P	Pmax	01 20 20.9 +0.4
HRV	Adam Dzewiosk	66.14 356	P	P	01 20 21.1 +0.7
L61B	Northampton	66.16 355	I	Amb	01 20 22.1
L61B	Northampton	66.16 355	P	P	01 20 21.3 +0.7
M53A	WI Miller and	66.21 349	P	P	01 20 21.4 +0.4
BINA	Binghamton	66.24 352	P	P	01 20 22.1 +1.0
R40Y	Maddies Statio	66.28 338	I	Amb	01 20 22.3
OK048	Pawnee Station	66.37 334	P	P	01 20 22.6 +0.5
L56A	Greenwood	66.39 351	I	Amb	01 20 23.7
QSPA	South Pole Qui	66.39 180	P	P	01 20 22.4 +0.4
QSPA	South Pole Qui	66.39 180	P	P	01 20 22.1 0.0
QSPA	South Pole Qui	66.39 180	P	P	01 20 22.3 +1.3
N49A	Columbus Grove	66.43 346	I	Amb	01 20 22.9
MNTX	Cornwall	66.46 324	P	P	01 20 23.1 +0.3
T35A	Sooner Cattle	66.63 341	I	Amb	01 20 25.9
P43A	Skaggs, Pawnee	66.63 341	I	Amb	01 20 23.8
SFIN	Lafayette	66.63 343	P	P	01 20 22.6 -1.0
SMWD	Samnorwood	66.68 330	P	P	01 20 24.1 0.0
ERPA	Erie	66.75 349	I	Amb	01 20 25.6
ERPA	Erie	66.75 349	P	P	01 20 24.6 +0.3
N47A	Urbana	66.75 344	I	Amb	01 20 24.6
WVNY	West Valley, N	66.80 350	I	Amb	01 20 26.4
K57A	Scipio Center	66.83 352	I	Amb	01 20 26.2
MSTX	Muleshoe	66.94 328	P	P	01 20 26.4 +0.5
MMNY	Mt. Morris Dam	67.02 351	P	P	01 20 26.1 +0.1
OK032	Salt Plains WL	67.23 333	I	Amb	01 20 28.5
KAN14	Manchester OK	67.25 333	I	Amb	01 20 29.2
P40A	Paris	67.33 339	I	Amb	01 20 28.9
HDIL	Hopedale	67.41 342	I	Amb	01 20 28.6
HDIL	Hopedale	67.41 342	P	P	01 20 27.9 -0.6
L48A	N Adams	67.46 346	I	Amb	01 20 29.1
DBIC	Dimbokro	67.47 71	P	P	01 20 28.5 -1.0
DBIC	Dimbokro	67.47 71	P	P	01 20 28.7 -0.8
MEDO	Medina	67.52 351	P	P	01 20 29.0 -0.2
J55A	Hilton	67.53 351	I	Amb	01 20 30.6
HSIG	HISIG	67.63 319	P	P	01 20 31.1 +0.9
LBNH	Lisbon	67.89 356	I	Amb	01 20 32.9
LBNH	Lisbon	67.89 356	P	P	01 20 33.1 +1.7
H62A	Milan	68.18 357	I	Amb	01 20 48.3
319A	Douglas	68.37 321	I	Amb	01 20 37.7
121A	Cookes Peak, D	68.40 323	I	Amb	01 20 38.3
121A	Cookes Peak, D	68.40 323	P	P	01 20 37.4 +2.2
LONY	Lake Ozonia	68.48 354	P	P	01 20 35.9 +0.7
KSU1	Kansas State U	68.57 335	P	P	01 20 36.1 +0.3
GGN	Saint George	68.60 360	I	Amb	01 20 37.5
DELO	Deloro Mine	68.73 352	P	P	01 20 36.5 -0.2
PKME	Peaks-Kenny Pk	68.79 358	I	Amb	01 20 38.5
PKME	Peaks-Kenny Pk	68.79 358	P	P	01 20 37.7 +0.7
G62A	West of Eustis	68.79 357	I	Amb	01 20 39.0
N38A	Joos South For	68.86 339	I	Amb	01 20 38.2
RTBA	Rita Blanca	68.92 329	I	Amb	01 20 41.6
WBO	Williamsburg	68.93 353	I	Amb	01 20 39.4
K43A	Burlington	69.14 343	I	Amb	01 20 39.9
MNTQ	Montreal, Queb	69.27 355	I	Amb	01 20 41.5
LMN	Caledonia Moun	69.36 1	P	P	01 20 40.4 0.0
LMN	Caledonia Moun	69.36 1	I	Amb	01 20 41.5
ANMO	Albuquerque	69.56 326	P	P	01 20 43.0 +0.8
ANMO	Albuquerque	69.56 326	I	Amb	01 20 44.9
ANMO	Albuquerque	69.56 326	P	P	01 20 43.9 +1.7
ANMO	Albuquerque	69.56 326	P	P	01 20 42.5 +0.3
ANMO	Albuquerque	69.56 326	i	P	01 20 42.8 +0.6
ANMO	Albuquerque	69.56 326	P	Pmax	01 20 42.8 +0.6
ANMO	Albuquerque	69.56 326	P	P	01 20 43.8 +1.6
CBKS	Cedar Bluff	69.57 333	P	P	01 20 43.4 +1.4
SCIA	State Center	69.85 339	P	P	01 20 43.6 0.0
JFWS	Jewell Farm	69.86 342	I	Amb	01 20 44.5
JFWS	Jewell Farm	69.86 342	P	P	01 20 43.5 -0.1
TUC	Tucson	69.92 321	P	P	01 20 44.3 0.0
TUC	Tucson	69.92 321	P	P	01 20 44.1 +1.8
TUC	Tucson	69.92 321	P	P	01 20 44.3 0.0
TUC	Tucson	69.92 321	P	Pmax	01 20 44.3 0.0
TUC	Tucson	69.92 321	P	P	01 20 46.3 +1.9
TUC	Tucson	69.92 321	P	P	01 21 06.1 +0.8
TRQ	Mont Tremblant	70.07 354	I	Amb	01 20 46.0
E62A	Clayton Lake	70.15 358	I	Amb	01 20 47.1
T25A	Trinidad	70.28 329	I	Amb	01 20 49.3
T25A	Trinidad	70.28 329	P	P	01 20 48.3 +1.7
I42A	Draeger Farm,	70.39 343	I	Amb	01 20 47.9
D62A	Allapoint, All	70.60 358	I	Amb	01 20 49.5
BATG	Bathurst New B	70.76 0	P	P	01 20 49.1 +0.1
BATG	Bathurst New B	70.76 0	I	Amb	01 20 50.5
P10X	Pinacate	70.95 319	P	P	01 20 51.6 +1.1
P10X	Kaye Shedlock	70.99 331	P	P	01 20 52.0 +1.3
BGNE	Belgrade	71.15 335	P	P	01 20 52.5 +0.9
SDCO	Great Sand Dun	71.28 328	I	Amb	01 20 55.5
SDCO	Great Sand Dun	71.28 328	P	P	01 20 54.5 +1.8
W18A	Petrified Fore	71.42 324	I	Amb	01 20 56.4
W18A	Petrified Fore	71.42 324	P	P	01 20 55.3 +1.8

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LDAQ	Lac Daran	71.56 357	I	Amb	01 20 55.1
E46A	Sault Ste Mari	71.65 347	I	Amb	01 20 54.7
S22A	4UR Ranch, Cre	71.93 327	P	P	01 20 57.7 +1.1
S22A	4UR Ranch, Cre	71.93 327	P	P	01 20 58.2 +1.6
Q24A	Biva-142	72.09 329	P	P	01 20 59.2 +1.7
OGNE	Ogallala	72.32 333	P	P	01 21 00.1 +1.5
MVCO	Mesa Verde	72.35 326	I	Amb	01 21 01.9
MVCO	Mesa Verde	72.35 326	P	P	01 21 00.8 +1.8
WUAZ	Wupatki	72.61 323	I	Amb	01 21 03.7
WUAZ	Wupatki	72.61 323	P	P	01 21 02.7 +2.2
ECSD	EROS Data Cent	72.62 338	P	P	01 20 59.8 -0.4
ECSD	EROS Data Cent	72.62 338	I	Amb	01 21 01.4
ECSD	EROS Data Cent	72.62 338	P	P	01 21 00.3 +0.1
SPMN	Marine on St.	72.72 341	I	Amb	01 21 01.4
SPMN	Marine on St.	72.72 341	P	P	01 21 00.5 -0.2
GLA	Glamis	72.82 319	P	P	01 21 03.7 +2.0
SMCO	Snowmass	73.12 328	I	Amb	01 21 06.8
YUH	Yuhua Desert	73.21 318	P	P	01 21 05.5 +1.6
D41A	Chassel	73.26 345	I	Amb	01 21 05.3
IKP	In-Ko-Pah, Jac	73.32 318	P	P	01 21 06.9 +2.2
N23A	Red Feather L	73.99 330	I	Amb	01 21 11.4
N23A	Red Feather L	73.99 330	P	P	01 21 10.4 +1.8
SUSD	Miller	74.07 337	P	P	01 21 08.9 +0.3
PHWY	Pilot Hill	74.10 331	P	P	01 21 09.7 +0.5
F33A	5 Mile Ranch,	74.36 339	I	Amb	01 21 11.1
O20A	White River C	74.48 328	I	Amb	01 21 14.2
O20A	White River C	74.48 328	P	P	01 21 13.0 +1.6
PKMT	Pink Cliffs	74.53 324	I	Amb	01 20 29.9
LCUC	Little Creek M	74.73 323	I	Amb	01 22 22.3
SRU	San Rafael Sw	74.83 326	I	Amb	01 21 15.9
EYMN	Ely	74.83 343	P	P	01 21 12.8 -0.1
VNDA	Vanda	74.93 190	P	P	01 21 14.7 +1.5
VNDA	Vanda	74.93 190	P	P	01 21 14.6 +1.4
VNDA	Vanda	74.93 190	P	P	01 21 14.7 +1.5
VNDA	Vanda	74.93 190	P	Pmax	01 21 14.7 +1.5
SZCU	Shurtz Canyon	75.06 323	I	Amb	01 21 18.2
P18A	Preston Tunn	75.08 327	I	Amb	01 21 17.9
RWWY	Rawlins	75.20 330	I	Amb	01 21 18.3
P17A	Butcher Ranch,	75.21 326	I	Amb	01 21 18.4
K22A	Casper	75.65 331	I	Amb	01 21 20.8
K22A	Casper	75.65 331	P	P	01 21 19.8 +1.8
D32A	Dogwood Acres	75.74 339	I	Amb	01 21 19.3
RSSD	Black Hills	75.77 333	P	P	01 21 19.1 +0.4
RSSD	Black Hills	75.77 333	P	P	01 21 19.8 +1.1
RSSD	Black Hills	75.77 333	P	P	01 21 19.1 +0.4
BSUT	Blindstream Ca	76.02 327	I	Amb	01 21 23.4
MPU	Maple Canyon	76.08 326	I	Amb	01 21 23.3
PSUT	Pine Spring	76.16 324	I	Amb	01 22 58.6
TORD	Torodi Ar. Bea	76.23 69	P	P	01 21 20.1 -1.5
TORD	Torodi Ar. Bea	76.23 69	P	P	01 21 20.7 -0.9
AGMN	Agassiz Nation	76.40 340	I	Amb	01 21 23.0
AGMN	Agassiz Nation	76.40 340	P	P	01 21 22.2 +0.4
SPR3	Spring Creek 3	76.75 324	I	Amb	01 21 27.2
TCUT	Toone Canyon	76.78 327	I	Amb	01 21 27.2
DUG	Dugway, Tootle	76.82 325	P	P	01 21 25.7 +1.2
DUG	Dugway, Tootle	76.82 325	P	P	01 21 26.5 +2.0
DUG	Dugway, Tootle	76.82 325	P	P	01 21 25.7 +1.2
Q12A	Willow Creek R	77.05 323	I	Amb	01 22 57.2
BW06	Boulder Array	77.14 329	P	P	01 21 27.6 +1.2
PDAR	Pinedale Array	77.14 329	P	P	01 21 27.1 +0.7
MNDN	Maddock	77.23 338	P	P	01 21 27.6 +1.1
SPUT	South Promonto	77.45 326	I	Amb	01 21 30.7
BGU	Big Grassy Mou	77.46 326	I	Amb	01 21 30.8
ULM	Lac du Bonnet	78.14 341	I	Amb	01 21 32.5
ULM	Lac du Bonnet	78.14 341	P	P	01 21 31.6 +0.1
ULM	Lac du Bonnet	78.14 341	P	P	01 21 29.9 -1.5
SNOW	Snow King Moun	78.23 329	I	Amb	01 21 35.1
LOHW	Long Hollow	78.28 329	I	Amb	01 21 33.0 +0.3
SCHO	Schefferville	78.32 360	P	P	01 21 32.4 0.0
TPAW	Teton Pass	78.35 329	I	Amb	01 21 35.9
MOOV	Moose Ponds	78.45 329	I	Amb	01 21 36.0
ELK	Elko	78.49 324	P	P	01 21 34.7 +0.8
LHV	Little Antelope	78.57 321	I	Amb	01 21 46.6
NVAR	Mina Array Bea	78.58 321	P	P	01 21 35.9 +1.6
IMW	Indian Meadow	78.65 329	I	Amb	01 21 37.5
FLWY	Flagg Ranch	78.68 329	I	Amb	01 21 37.9
LAO	LASA Array	78.76 333	I	Amb	01 21 37.1
LAO	LASA Array	78.76 333	P	P	01 21 36.2 +1.3
RLMT	Red Lodge	78.82 331	I	Amb	01 21 38.1
RLMT	Red Lodge	78.82 331	P	P	01 21 37.2 +1.7
RYN	Ryan	78.84 321	I	Amb	01 21 38.5

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YFT	Old Faithful	79.02 329	P	P	01 21 39.2 +2.5
YFT	Old Faithful	79.02 329	I	Amb	01 21 40.5
DGMT	Dagmar	79.41 336	P	P	01 21 40.2 +1.8
PNTR	Pine Nut	79.77 321	I	Amb	01 21 43.9
PAHR					

Table with columns: YKA, Yellowknife Ar, 94.05 340 P, P, 01 22 49.4 -0.2, etc. Lists various stations and their coordinates.

Table with columns: OBNS, Obninsk, 116.70 39 i PKIKP, PKPdf, 01 28 14.3 -0.3, etc. Lists stations in the Obninsk region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations in Southern California.

MEX 20 01:13:38.9 0.5 14.28N-92.26W, h78km, 15km, MD4.2

GCG 20 01:13:41.0 0.3 14.25N-92.12W, h32km, 2km, MD3.6

ISC 20 01:13:38.0 1.6 14.19N-078.9233W, 0.04, h50km, n18,

#193/32, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations in Chiapas, Mexico.

ANF 20 01:20:31.0 0.2 34.92N-116.73W, h5km, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHU Kahuku, HLP Hilina Pali, MLH Mauna Loa, etc.

NEIC 20 02:22:55.4:1.0, 19:423N:0:010:155:263W:0:005, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.6km az=24.0

HVO 20 02:22:54.9:0.9, 19:410N:0:006:155:264W:0:004, h1km, 4km, ML3.0/13, ML2.5/35(NEIC), Error ellipse: s-maj=0.9km s-min=0.5km az=176.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BYL Byron's Ledge, KKO Keanakakoi, HATHI Halema'uma'u T, etc.

NOU 20 02:54:31.9, 32:41'S: 122:49E, h0km, mb5.0/22, Western Australia

NEIC 20 02:54:32.2:1.4, 32:41'S:0:07:122:48E:0.08, h8km, 4km, mb4.5/14, Error ellipse: s-maj=11.2km s-min=8.1km az=143.0

ISC 20 02:54:32.8:0.8, 32:59'S:122:90E, h0km, mb4.1/7, mbmp4.3/11, ML4.3/3, MS3.6/18, Error ellipse: s-maj=25.7km s-min=19.2km az=99.0

CUPWA 20 02:54:34.7:4.1, 32:63'S:122:38E, h7km, 40km, ML4.7, Region: WESTERN AUSTRALIA

ISC 20 02:54:34.8:0.5, 32:40'S:105:122:59E:0:04, h19km, n92, c=249/85, mb4.5/15, MS3.7/16, 1C-1D, Western Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMBL Kambalda, KLLS Kalgoorlie Lon, KLCE Kalgoorlie Che, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBWA Marble Bar, GIRL Giralila, OOD Oodnadatta, etc.

WRA Warramunga Arr 16.27 43 Pn Pn 02 58 20.8 -1.6

WBE Warramunga Arr 16.28 43 Pn Pn 02 58 20.5 -1.9

WRB Warramunga Arr 16.28 43 Pn Pn 02 58 20.6 -1.9

WRO Warramunga Arr 16.37 44 Pn Pn 02 58 22.3 -1.3

WBO Warramunga Arr 16.44 43 Pn Pn 02 58 23.3 -1.2

QMS Qantas 19.24 56 P Pn 02 58 59.7 +0.6

CISA Cobar Meteorol 19.62 94 P Pn 02 59 04.3 +0.8

MTN Mantou Dam 20.99 24 P P 02 59 16.7 -0.4

KDU Kakadu 21.62 27 P P 02 59 24.2 +0.4

BATI Baumata 22.11 3 LR 02 59 52.0

ARMA Arimide 24.83 93 P P 03 05 56.3 +0.2

EIDS Eidsvold 25.86 82 P P 03 00 06.4 +1.1

EIDS Eidsvold 25.86 82 P P 03 00 07.5 +2.2

KIDS Kappang 27.38 354 LR 03 11 40.4

LEM Lembang 29.02 328 LR 03 11 51.1

PMG Port Lesby 32.25 50 LR 03 15 51.2

TOLIZ Tolitoli 33.38 357 P P 03 17 14.8 +2.8

DZM Mont Dzumac 40.09 86 LR 03 01 34.7

HNR Honiara 41.39 65 LR 03 18 34.8

VNDA Vanda 48.47 169 P P 03 03 15.0 -0.6

VNDA Vanda 48.47 169 P P 03 03 14.9 -0.6

VNDA Vanda 48.47 169 P P 03 03 15.0 -0.6

QSPA South Pole Qui 57.70 180 P P 03 04 23.3 -0.7

QSPA South Pole Qui 57.70 180 P P 03 04 23.0 -0.9

QSPA South Pole Qui 57.70 180 P P 03 04 23.0 -0.9

PZH PanZhiHua 61.85 339 P Pmax 03 04 55.5 +2.6

PZH PanZhiHua 61.85 339 P Pmax 03 04 55.5 +2.6

NJ2 Nanjing 64.20 356 eP P 03 05 10.6 +2.4

LYN LuoYang 67.28 351 P P 03 05 33.3 +5.3

LYN LuoYang 67.28 351 P P 03 05 33.3 +5.3

XAN Xi'an 67.33 348 pP pS 03 05 33.0 +4.6

XAN Xi'an 67.33 348 pP pS 03 05 33.0 +4.6

OPO Ambohitratompo 68.22 261 LR 03 29 08.9

BELA Belgrano 2 69.12 185 P P 03 05 38.1 -1.1

SNAAS Sanae 69.47 196 P P 03 05 42.4 +0.9

SNAAS Sanae 69.47 196 P P 03 05 42.4 +0.9

KSR5 Korea Array 69.68 5 P P 03 05 45.5 +2.6

HNS HongShan 69.83 353 pP pmax 03 05 49.8 +5.9

HHC Hu-ho-hao-te 73.60 351 eP P 03 06 01.0 -5.6

HHC Hu-ho-hao-te 73.60 351 eP P 03 06 01.0 -5.6

BOSA Boshof 80.84 242 LR 03 28 27.7

SOMN Songoing Array 81.19 349 P P 03 06 51.6 +2.6

LBTB Lobatse 82.48 245 LR 03 40 03.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOKA Jonika Flow, JOKU Jacuzi, JCUZ Jacuzi, etc.

ISC 20 03:33:40.5:1.1, 12:27N:141:96E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=30.3km s-min=26.8km az=36.0

ISC 20 03:33:46.0:0.9, 12:2N:02:141:9E:0.2, h35km, n11, c=089/11, mb3.9/10, South of Mariana Islands

WRA Warramunga Arr 32.81 193 P P 03 40 16.0 -0.2

CMAR Chiang Mai Arr 41.83 284 P P 03 41 33.5 +0.6

SOMN Songoing Array 46.26 327 P P 03 42 08.7 +0.6

MKAR Makanchi Array 60.51 317 P P 03 43 52.7 0.0

ZALV Zalesovo Beam 61.09 325 P P 03 43 55.5 -0.9

KURBB Kurchatov Arr 63.84 321 P P 03 44 14.1 -0.8

BVAR Borovoye Array 69.23 322 P P 03 44 48.5 -0.8

ILAR Eielson Array 71.04 25 P P 03 44 59.0 -1.1

YKA Yellowknife Arr 85.39 27 P P 03 46 19.8 +0.3

NVAR Minna Array Bea 90.02 51 P P 03 46 44.0 +1.4

LPZA La Paz 150.61 102 PKPbc PKPbc 03 53 35.5 -0.5

BUI 20 04:08:55.2:0.0, 27:00N:87:83E, h14km, mb4.2/9, Ms3.9/2

NDI 20 04:08:58.0:3.2, 27:57N:87:89E, h10km, ML3.8, MW4.0, mb4.4(NEIC)

DMN 20 04:08:59.2:0.4, 27:30N:87:84E, h2km, M4.9/7, Error ellipse: s-maj=6.0km s-min=4.6km az=59.0

NEIC 20 04:08:59.9:1.5, 26:96N:10:08:87:5E:0:1, h38km, 6km, mb4.4/86, Error ellipse: s-maj=15.8km s-min=10.8km az=59.0

ISC 20 04:09:16.2:4.4, 27:73N:87:79E, h158km, 40km, ms3.5/18, mbmp4.0/20, MS3.3/2, Error ellipse: s-maj=22.1km s-min=13.6km az=40.0

ISC 20 04:08:58.0:0.9, 27:31N:10:04:87:84E:0:02, h16km, 5km, n163, c=185/1185, mb4.4/59, 11C3D, Nepal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAPN Taplejung, ODAN Odare, ODAN Odare, etc.

HVO 20 03:18:55.1:1.2, 19:42N:0:02:154:962W:0:005, h1km, 9km, ML3.8/19, ML2.2/18(NEIC), Error ellipse: s-maj=3.2km s-min=0.7km az=181.0

NEIC 20 03:18:54.9:1.7, 19:29N:0:02:154:93W:0:04, h5km, 2km, Error ellipse: s-maj=5.6km s-min=3.2km az=276.0, Hawaiian Islands

20d 6h

Table with columns: HLP, MLH, STCH, NPOC, JUCJZ, HTC, JOKA, JOKA, HMH, HMH, HMH, MLOA, MLOA, MWH, MWH, MWH, KHU, ALEP, HPO, POHA, POHA, POHA, HUH, CPH, HPAH, HPAH. Includes station names, codes, and various numerical values.

NNC 20 05:56:08.9:3.2, 40.25N:78.24E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=23.2km s-min=16.7km az=8.0

SOME 20 05:56:07.9, 40.17N:78.18E, h15km, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tian-Shan, Medeo, SHLS, DGS, etc.

IDC 20 05:56:29.2:3.4, 53.40N:87.70E, h0km, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=32.2km s-min=17.9km az=63.0

ISC 20 05:56:30.8:4.8, 53.53N:0.2:87.7E:0.3, h10km, n5, e030/5, 2C, Southwestern Siberia

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

STR 20 05:57:39.1:0.8, 48N:14W, h0km, MLV1.5/8, Error ellipse: s-maj=0.0km s-min=0.0km az=36.5, preliminary, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like OPP, GUT, SLE, KIZ, FELD, WLS, ENDD, SULZ, ECH.

ROM 20 06:03:32.9:0.2, 40.59N:0.01:15.07E:0.03, h322km, 1km, ML3.1/30, Error ellipse: s-maj=2.7km s-min=0.5km az=59.0

LDG 20 06:03:33.3:0.1, 40.62N:15.08E, h322km, M13.4/4, Error ellipse: s-maj=6.1km s-min=2.7km az=53.0

IDC 20 06:03:36.8:1.5, 40.65N:14.69E, h323km, 17km, mb3.1/10, mbtmp3.8/20, Error ellipse: s-maj=17.9km s-min=12.7km az=54.0

ISC 20 06:03:35.6:0.6, 40.55N:0.06:14.94E:0.05, h307km, 6km, n133, e1904/143, mb3.5/8, 5C-4D, Southern Italy

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

2018 JUN

Main table with columns: COL3, NCS3, CMRP, MTRM, LIQ3, GRN3, SNAL, RSF3, AND3, OVO, CAFE, CAFE, CAFE, CAFE, SLCN, SLCN, SLCN, PAOL, PAOL, PAOL, BULG, BULG, BULG, MRB1, MRB1, MGR, MGR, MGR, MGR, PGN3, VULT, VULT, VULT, BIOG, BIOG, SGTA, SGTA, VITU, VITU, VITU, MTSN, MCEL, MCEL, MCEL, CUC, CUC, CUC, PALZ, PALZ, PALZ, MODR, MODR, MODR, VAGA, VAGA, VAGA, VAGA, GRIS, CIGN, CIGN, VENT, VENT, SALT, SALT, CET2, CET2, CET2, RNI2, RNI2, RNI2, RNI2, RNI2, RNI2, AMUR, AMUR, AMUR, AMUR, MSAG, MSAG, MSAG, MSAG, TDS, TDS, POFI, POFI, POFI, POFI.

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Table with columns: CAR1, CAR1, CAR1, CAR1, ISTR, ISTR, ISTR, PIPA, PIPA, PIPA, TIP, TIP, TIP, LADO, LADO, SERS, SERS, GRI, GRI, JOPP, JOPP, LLI, LLI, VPL, VPL, MLZ, MLZ, PLAC, PLAC, PLAC, MPNC, MPNC, MUCR, MUCR, NOV, NOV, AIO, AIO, MTGT, MTGT, SOI, SOI, LSTV, LSTV, CSLB, CSLB, EPZF, EPZF, PETRA, PETRA, HVAR, HVAR, ZIRJ, ZIRJ, MORI, MORI, RIC, RIC, DUGI, DUGI, VIF, VIF, NWLJ, NWLJ, BRJN, BRJN, SMRN, SMRN, PGF, PGF, GBAS, GBAS, CRNS, CRNS, OBKA, OBKA, SOKA, SOKA, MYKA, MYKA, ABTA, ABTA, KBA, KBA, ARSA, ARSA, LMR, LMR, WTTA, WTTA, FETA, FETA, SQTA, SQTA, BIOA, BIOA, WATA, WATA, RONA, RONA, DAVOX, DAVOX, MOAR, MOAR, MBDF, MBDF, MOTA, MOTA, CONA, CONA, RETA, RETA, DAVA, DAVA, LPG, LPG, LPL, LPL, ORIF, ORIF, GERS, GERS, VIVF, VIVF, CABF, CABF, VRAC, VRAC, HINF, HINF, HINF, IDI, IDI, MLR, MLR, MLR, CDF, CDF, HAU, HAU, SMF, SMF, BRG, BRG, BRG, PAGF, PAGF, SFTF, SFTF, LOR, LOR, AVF, AVF, AVF, BGF, BGF, BGF, AKASG, AKASG, BRTR, BRTR, KMAI, KMAI, KMAI, HFS, HFS, NOA, NOA, KBZ, KBZ, FINES, FINES, FINES, ARCES, ARCES, ARCES, TORD, TORD, BVAR, BVAR, KURBB, KURBB, ZALV, ZALV, MKAR, MKAR, SONM, SONM.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KBUK, SVRH, GEMT, KAVV, ISK, KLYT, AUQUIR, ANTO, ARMT, BGKT, CIDE, PELI, ORLT, ELDT, CTXK, KCTX, GEDZ, BR106, BR105, BR104, SIMA, KORU, AKBB, SHU, MI30, MI28.

IDC 20 06:54:29.5,3,0.53:52N:87.66E, h0km, mbtmp3.0/2, ML2.8/2, 1C-1D, Error ellipse: s-maj=26.4km s-min=14.3km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZAAO, ZAAO, ZALV, ZALV, I46RU, KURBB, KURBB, MKAR, MKAR, MKAR.

UCR 20 07:13:12.6:2.11:42N:86.21W, h34km, 7km, MW3.5 CATAC 20 07:13:12.7:0.4, 11:37N:86.22W, h38km, 5km, ML3.4 ISC 20 07:13:11.9:1.3, 11:34N:86.23W, 0.04, h27km, 14km, n67, r1914/95, 2C-9D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NADN, JAPN, RB213, MORN, OMEN, CONN, CONN, CONN, LCRUZ, MAFN, MAFN, ENAN, USIM, ABCN, R0529, T15N, MGA1, R4DEC, ALLN, WILN, SAPS, APQZ, COPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like APYN, ELI1, ALBIA, GIBIA, VRLE, VORI, GPS3, GFS3, ERJA, GFS2, LEVN, MOM2, DELF, DELF, CNGN, CNGN, COLC, ACON, BOAB, SACU, BAGA, LAGA, CUIJ, CUIJ, JUDJ, BRAN, BRAN, NICO, NICO, VERA, VERA, CNAS, CRIN, LCHIL, LCHIL, INDI, INDI, JUNJ, NVURE, LIMN, ARE1, CEDE, VACR, SOCE, CBL1, ESPN, ESPN, ESPN, TCS1, TCS1, BELE, ACOS, ABEZ, LCR2, BUR1, STR 20 07:22:50.8:0.7, 45N:4.4, h0km, MLV1.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=45.7, preliminary, France

STR 20 07:22:50.8:0.7, 45N:4.4, h0km, MLV1.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=45.7, preliminary, France

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LBL, LBL, LBL, FRNF, COLF, COLF, SSB, SSB, VERF, VERF, MTLF, MTLF.

STR 20 07:22:57.6:0.9, 47N:5.5, h0km, MLV1.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=116.3, preliminary, Switzerland

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BOUR, ENDD, ENDD, MOF, MOF, WALT, WALT, FELD, FELD, KIZ, ECH, ECH, SLE, EMBD, WLS, BFO, BFO.

IDC 20 07:25:02.0:3.3, 53:68N:88:10E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=29.1km s-min=19.5km az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station MKAR.

IDC 20 07:30:02.8:3.0, 54:24N:87:30E, h0km, mbtmp2.9/2, ML2.6/2, 1C-3D, Error ellipse: s-maj=26.2km s-min=17.4km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, KURBB, KURBB, MK31, MK31, MKAR, MKAR.

NEIC 20 07:30:27.1:0.8, 19:39N:0:01:155:283W:0:007, h5km, Error ellipse: s-maj=2.2km s-min=1.4km az=5.0 HVO 20 07:30:26.6:1.0, 19:40N:0:007:155:275W:0:007, h1km, 2km, ML3.2/21, ML2.8/27(NEIC), Error ellipse: s-maj=1.2km s-min=0.8km az=149.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RIM, KKO, BYL, OBL, SDHH, UWB, HATHI, SBLH, UWE, RSD, PUAHI, PUAHI, KNHH, HLP, MLH, MLH, STCH, NPOC, JCJZ, JOKA, JOKA, HMH, HMH, MLOA, MLOA, KHU, KHU, ALEP, HPO, HUH, CPH.

IDC 20 07:35:33.4:7.3, 48:78S:122:83E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=37.8km s-min=39.4km az=94.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H01W1, H01W2, H01W3, ASAR, WRA, VYDA, YKA.

IDC 20 07:40:07.6:18.0, 19:35N:155:64W, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=37.2km s-min=51.6km az=37.0

HVO 20 07:40:08.3:0.9, 19:39N:0:009:155:272W:0:007, h0km, 3km, ML3.8/7, ML3.3/36(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=191.0

NEIC 20 07:40:09.2:1.2, 19:39N:0:009:155:263W:0:007, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.5km az=347.0

ISC 20 07:40:08.7:0.9, 19:40N:0:003:155:28W:0:02, h2km, 5km, n50, r1911/42, mb3.6/4, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RIM, KKO, SDHH, BYL, OBL, WRHM, UWB, HATHI, UWE, SBLH, PUAHI, RSD, RSD, RSD, KNHH, HLP, HLP, STCH, STCH, MLH, MLH.

Table of station data for the 20d 8h period, including station names, codes, and various parameters like elevation and coordinates.

Main table of station data for the 2018 JUN period, listing station names, codes, elevations, and coordinates.

Table of station data for the 1146 period, including station names, codes, and various parameters like elevation and coordinates.

0.1nm,0.3s,baz=28,slow=28,SNR=8.7 Lg Lg 08 33 39.8

baz=24,slow=29,SNR=1.9 0.3nm,0.4s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KAPPANG, BATI, WRA, ASAR, STKA, MKAR.

NEIC 20 08:40:56.5:1.1, 19:383N:0:008:155:296W:0:004, h2km,3km, Error ellipse: s-maj=1.3km s-min=0.4km az=161.0

HVO 20 08:40:55.9:1.1, 19:413N:0:008:155:277W:0:007, h1km,3km,ML2.9:21,ML2.8:44(NEIC), Error ellipse: s-maj=1.2km s-min=0.9km az=168.0, Hawaiian Islands

Main table of station data for the Hawaiian Islands region, including observatories like OBSERVATORY LE, UWEKAHUNA, etc.

VAO 20 08:45:17.1:1.9,31:11S:71:64W,h10km,mb4.2 SJA 20 08:45:18.9:0.8,30:67S:71:69W,h4km,3km,ML4.0, MW3.6

IDC 20 08:45:25.0:0.8,30:73S:71:32W,h45km,6km,mb4.0/10, mbtmp4.1/15,ML3.8/5,MS3.1/4, Error ellipse: s-maj=22.9km s-min=14.3km az=93.0

GUC 20 08:45:24.9:0.8,30:71S:71:40W,h49km,2km,ML4.1 NEIC 20 08:45:25.1:1.8,30:70S:71:04W:0:1,h4km,12km, mb4.2/6,ML4.1(GUC), Error ellipse: s-maj=1.6km s-min=3.9km az=103.0

ISC 20 08:45:24.5:0.5,30:67S:71:52W:0:03,h42km,4km, n130,cz47/172,mb4.3/13,MS3.4/3,3C-7D,Near coast of central Chile

Table of station data for Chilean stations, including FRAY JORGE, COMBARBAL, etc.

LCO comp=Z,6um,1.3s Las Campanas 1.80 23 j/P Pn 08 46 24.2

Table of station data for Las Campanas region, including RODEO, CATAPILCO, etc.

RTLS comp=Z,396nm,0.4s Leoncio 2.21 121 e/P Pn 08 45 46.8 -12

VAO3 comp=Z,2um,0.4s San Esteban 2.24 159 e/S Pn 08 46 00.0 +8

ROCH comp=E,4um,0.2s El Roble 2.33 169 e/P Pn 08 46 01.3

VAO1 comp=N,1um,0.4s Torpederas 2.34 183 e/S Pn 08 46 00.0 -5

PEL comp=Z,727nm,0.6s Peldehue 2.56 164 e/S Pn 08 46 04.3 +0.8

ZON comp=N,1um,0.2s Zonda 2.59 110 e/S Pn 08 46 05.5 +1.6

MT02 comp=Z,868nm,0.8s Curacav 2.60 173 e/S Pn 08 46 04.3 +0.8

SJA comp=Z,710nm,1.0s San Juan 2.68 109 e/P Pn 08 46 07.6 +2.4

MT16 comp=Z,3.4nm,1.0s CCHEN 2.87 163 e/S Pn 08 46 08.7 +0.8

ARCO comp=Z,319nm,0.6s CERRO ARCO 3.09 135 e/S Pn 08 46 13.8 +2.9

GO03 comp=Z,417nm,0.4s Copiap 3.27 20 e/P Pn 08 46 14.8 +1.6

BO04 comp=Z,319nm,0.5s La Punta 3.40 167 e/S Pn 08 46 15.8 +0.8

BO01 comp=Z,444nm,0.4s Tunca 3.73 174 e/S Pn 08 46 20.3 +0.8

AVIZ comp=Z,319nm,0.5s Vizcacheras 3.78 138 e/P Pn 08 46 16.8 -3.6

BO02 comp=Z,123nm,1.1s Pan de Azucar 4.58 10 e/P Pn 08 46 31.4 +0.1

GO05 comp=Z,166nm,0.7s San Rafael 4.83 149 e/S Pn 08 46 35.7 +1.0

H03N1 comp=Z,80nm,0.8s San Martin 5.25 111 e/P Pn 08 46 40.8 +0.2

LVC comp=Z,1.5nm,0.3s Limon Verde 8.36 17 e/P Pn 08 47 24.0 +0.5

PLCA comp=Z,0.1nm,0.3s Paso Flores 10.07 176 e/P Pn 08 47 45.5 -1.1

PLCA comp=Z,39nm,21.8s,baz=306,slow=38

TICA comp=Z,2.5nm,1.1s Tres Isletas 10.68 69 e/P Pn 08 47 55.3 +0.4

CPUB comp=Z,7.3nm,1.0s,baz=156,slow=19,SNR=2.8 comp=Z,0.7nm,0.3s

ETMB comp=Z,6.4nm,1.0s Extrema 21.33 15 e/P Pn 08 50 07.7 -0.3

PTLB comp=Z,2.7nm,1.5s San Ignacio 17.46 36 P Pn 08 49 25.3 +0.3

ETMB comp=Z,2.0nm,0.9s Puentes e Lacer 18.93 40 e/P Pn 08 49 41.5 -0.5

ETMB comp=Z,6.4nm,1.0s Extrema 21.33 15 e/P Pn 08 50 07.7 -0.3

ETMB comp=Z,2.0nm,0.9s Puentes e Lacer 18.93 40 e/P Pn 08 49 41.5 -0.5

PCRV comp=Z,5.4nm,1.8s,baz=228,slow=9.4,SNR=9.1 Puerto La Cruz 41.15 10 LR Pn 09 10 17.7

SNA4 comp=Z,2.0nm,0.5s,baz=286,slow=8.2 Sanae 54.51 159 P Pn 08 54 46.7 -0.9

QSPA comp=Z,1.1nm,0.6s,baz=271,slow=9.0,SNR=3.2 South Pole Qui 59.55 180 P Pn 08 55 23.7 +0.2

TXAR comp=Z,0.5nm,0.6s,baz=156,slow=9.0,SNR=14 Lajitas Array 67.07 330 P Pn 08 56 14.9 +1.3

DBIC comp=Z,6.4nm,0.6s,baz=218,slow=5.0,SNR=11 Dimbokro 73.71 72 P Pn 08 56 53.9 -0.6

MAW comp=Z,1.4nm,0.5s,baz=258,slow=9.3,SNR=4.1 Mawson 76.24 164 P Pn 08 57 07.9 -0.2

PDAR comp=Z,0.2nm,0.5s,baz=126,slow=7.5,SNR=1.8 Pinedera Array 81.01 333 P Pn 08 57 35.8 +0.9

TORD comp=Z,1.5nm,0.6s,baz=82,slow=5.5,SNR=30 Torodi Ar. Bea 82.67 70 P Pn 08 57 43.5 -0.4

WRA comp=Z,0.2nm,0.7s,baz=160,slow=1.6,SNR=7.1 Warramunga Arr 123.87 210 PKP PKPdf 09 04 17.1 -1.5

WAKE ISLAND comp=Z,0.5nm,0.9s,baz=159,slow=1.6,SNR=2.9 WAKE ISLAND HY26.20 271 T T 11 23 19.9

WAKE ISLAND comp=Z,1.1nm,0.6s,baz=307,slow=3.0,SNR=8.6 WAKE ISLAND HY26.21 271 T T 11 23 18.2

BVAR comp=Z,1.8nm,0.5s,baz=292,slow=2.9,SNR=5.2 Borovoye Array 144.50 40 PKP PKPbc 09 04 54.5 0.0

KURBB comp=Z,1.1nm,0.6s,baz=307,slow=3.0,SNR=8.6 Kurchatov Arr 150.09 40 PKPbc PKPbc 09 05 10.1 -0.1

ZALV comp=Z,4.7nm,0.5s,baz=300,slow=3.4,SNR=16 Zalesovo Beam 151.15 29 PKPbc PKPbc 09 05 12.4 -0.2

MKAR comp=Z,0.2nm,0.4s,baz=318,slow=1.9,SNR=3.3 Makanchi Array 154.16 44 PKPbc PKPbc 09 05 19.3 -0.3

IDC 20 09:20:03.3:3.2,53:60N:87:95E,h0km,mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=28.7km s-min=18.7km az=44.0, Southwestern Siberia

Table of station data for Southwestern Siberia region, including ZALESOVO INFRA, ZALV, etc.

SOME 20 09:25:12.7,43:55N:69:65E NNC 20 09:25:15.7:3.0,43:39N:69:68E,h5km,31km,mb3.8, mpv3.1, Error ellipse: s-maj=24.9km s-min=10.4km az=141.0, Suspected Mining explosion. KRNET 20 09:25:15.1:0.1,43:52N:69:74E,mb2.4 ISC 20 09:25:16.4:2.2,43:47N:0:07:69.7E:0:1,h0km,n10,cz136/17,11C-1D,Central Kazakhstan

RAGM Ragged Mountai	3.37 149	Pn	09 34 57.1 -0.4	BMAR Burnt Mountain	4.41 19	Pn	09 35 12.7 +1.1	L16K Owhat River	5.46 258	Pn	09 35 26.0 +0.2
J19K Poorman	3.38 285	Pn	09 34 57.9 +0.4	YUK8 Steele Glacier	4.43 113	Pn	09 35 12.8 +0.6	L16K Owhat River	5.46 258	P	09 35 25.6 -0.2
J19K Poorman	3.38 285	P	09 34 57.9 +0.4	YUK8 Steele Glacier	4.43 113	P	09 35 13.2 +1.1	L16K Owhat River	5.46 258	P	09 35 25.6 -0.2
baz=98				baz=301				N30M Aishkik Lake	5.50 105	Pn	09 35 26.3 -0.1
RDT Redoubt	3.38 218	Pn	09 34 58.5 +0.8	F25K Christian River	4.44 13	Pn	09 35 12.8 +0.9	N30M Aishkik Lake	5.50 105	P	09 35 26.0 -0.4
PTPK Patty Peak	3.43 126	Pn	09 34 58.2 -0.2	F25K Christian River	4.44 13	P	09 35 12.8 +0.9	I30M Mount Dempster	5.51 64	Pn	09 35 27.1 +0.5
EGAK Eagle	3.44 61	Pn	09 34 58.7 +0.4	N18K Kilauea Creek	4.47 237	Pn	09 35 12.6 +0.1	O17K Koliganek Bris	5.53 234	Pn	09 35 28.1 +1.4
EGAK Eagle	3.44 61	P	09 34 58.5 +0.2	N18K Kilauea Creek	4.47 237	P	09 36 07.0	O17K Koliganek Bris	5.53 234	P	09 35 28.1 +1.4
baz=247				comp=E,107nm,0.7s				M16K Timber Creek	5.53 250	Pn	09 35 26.9 +0.1
G23K Bananza Creek	3.51 348	Pn	09 35 00.4 +1.1	N18K Kilauea Creek	4.47 237	P	09 36 24.6	M16K Timber Creek	5.53 250	P	09 35 27.6 +0.8
G23K Bananza Creek	3.51 348	P	09 35 00.4 +1.1	comp=N,100nm,0.5s				F28M Old Crow	5.55 35	Pn	09 35 27.4 +0.4
Fort Yukon	3.51 20	Pn	09 35 00.3 +1.0	N18K Kilauea Creek	4.47 237	P	09 35 12.3 -0.1	F28M Old Crow	5.55 35	P	09 35 27.4 +0.4
FYU Fort Yukon	3.51 20	Pn	09 35 54.2	baz=51				J16K Anvik River	5.59 275	Pn	09 35 27.7 +0.1
FYU Fort Yukon	3.51 20	P	09 35 54.2	G27K Doyon Strip	4.48 35	Pn	09 35 13.2 +0.6	J16K Anvik River	5.59 275	P	09 35 27.7 +0.1
comp=E,192nm,0.9s				G27K Doyon Strip	4.48 35	P	09 35 12.8 +0.3	baz=94			
comp=N,225nm,1.2s				baz=221				I17K Unalakleet	5.60 282	Pn	09 35 28.9 +1.2
HMT Hamilton	3.52 146	Pn	09 34 58.7 -0.8	F21K Alatina River	4.51 333	Pn	09 35 14.7 +1.8	I17K Unalakleet	5.60 282	P	09 35 28.9 +1.2
NCT North Crescent	3.54 221	Pn	09 35 01.1 +1.3	F21K Alatina River	4.51 333	P	09 35 14.8 +1.8	E27K Coleen River	5.61 26	Pn	09 35 28.5 +0.7
RSO Redoubt South	3.57 219	Pn	09 35 01.9 +0.7	F22K John River	4.54 340	Pn	09 35 15.1 +1.8	E27K Coleen River	5.61 26	P	09 35 28.2 +0.4
RDSO Redoubt South	3.57 219	Pn	09 35 01.4 +1.0	M29M Somme Creek	4.55 97	Pn	09 35 13.2 -0.3	HYT Haines Junctio	5.61 111	Pn	09 35 28.2 +0.2
RWDW Redoubt West	3.57 220	Pn	09 35 01.5 +1.2	M29M Somme Creek	4.55 97	P	09 35 13.0 -0.5	HYT Haines Junctio	5.61 111	P	09 35 28.8 +0.8
G25K Bearman Lake	3.59 14	Pn	09 35 01.5 +1.1	comp=E,69nm,0.7s				E19K Redstone River	5.62 322	Pn	09 35 29.7 +1.8
G25K Bearman Lake	3.59 14	P	09 35 01.5 +1.1	M29M Somme Creek	4.55 97	P	09 35 15.2 +1.4	E19K Redstone River	5.62 322	P	09 35 29.5 +1.6
baz=195				M29M Somme Creek	4.55 97	P	09 35 15.2 +1.4	G29M Pine Creek	5.62 45	Pn	09 35 28.8 +0.6
RED Redot Volcan	3.61 219	Pn	09 35 01.7 +1.0	O28M Mount Upton	4.55 120	Pn	09 35 15.2 +1.4	G29M Pine Creek	5.62 45	P	09 35 28.8 +0.6
H20K Anotleneega Mo	3.63 310	Pn	09 35 01.8 +0.8	O28M Mount Upton	4.55 120	P	09 35 13.6 -0.2	G29M Pine Creek	5.62 45	P	09 35 28.8 +0.6
H20K Anotleneega Mo	3.63 310	P	09 35 01.8 +0.8	L29M L29M	4.57 88	Pn	09 35 13.6 -0.2	P17K Kvichak River	5.72 228	Pn	09 35 30.5 +1.2
baz=124				L29M L29M	4.57 88	P	09 35 13.6 -0.2	P17K Kvichak River	5.72 228	P	09 35 30.5 +1.2
KIAG Klagna River	3.64 128	Pn	09 34 60.0 -1.3	L29M L29M	4.57 88	P	09 35 13.6 -0.2	N16K Nishik Lake	5.74 245	Pn	09 35 30.1 +0.5
I27K Kandik River	3.67 48	Pn	09 35 02.0 +0.4	L29M L29M	4.57 88	P	09 35 14.7 +0.1	N16K Nishik Lake	5.74 245	P	09 35 30.8 +0.9
I27K Kandik River	3.67 48	P	09 35 02.0 +0.4	comp=E,175nm,0.7s				D23K Nanushuk River	5.78 351	Pn	09 35 31.8 +1.7
NICHA Nichawak Mount	3.68 145	Pn	09 35 00.8 -0.8	L29M L29M	4.57 88	P	09 35 14.7 +0.1	D23K Nanushuk River	5.78 351	P	09 35 31.8 +1.7
KHIT Khitrov Hills	3.71 138	Pn	09 35 01.0 -1.1	L29M L29M	4.57 88	P	09 35 14.7 +0.1	EPYK Eagle Plains	5.79 53	Pn	09 35 30.5 +0.2
RSO White River	3.74 111	Pn	09 35 01.9 +0.7	K17K K17K	4.63 267	IAML	09 36 31.4	EPYK Eagle Plains	5.79 53	P	09 35 30.8 +0.4
BRSE Bradley Lake S	3.77 200	Pn	09 35 03.2 +0.3	K17K K17K	4.63 267	IAML	09 36 40.1	G17K Kiwalik Mouna	5.83 298	Pn	09 35 31.8 +1.0
BRSE Bradley Lake S	3.77 200	P	09 35 03.2 +0.3	comp=N,78nm,0.8s				G17K Kiwalik Mouna	5.83 298	P	09 35 31.8 +1.0
baz=18				K17K K17K	4.63 267	IAML	09 36 40.1	F18K Selawik	5.88 309	Pn	09 35 32.7 +1.3
BRLK Bradley Lake	3.77 201	Pn	09 35 03.2 +0.2	M17K Holitna River	4.70 250	IAML	09 35 15.2 +0.6	F18K Selawik	5.88 309	P	09 35 32.7 +1.3
BRLK Bradley Lake	3.77 201	P	09 35 03.2 +0.2	comp=E,178nm,0.7s				D22K Aiykay River	5.89 344	Pn	09 35 33.2 +1.6
comp=N,321nm,0.7s				M17K Holitna River	4.70 250	IAML	09 35 15.6 0.0	D22K Aiykay River	5.89 344	P	09 35 32.9 +1.3
BARN Barnard Glacier	3.81 123	Pn	09 35 03.3 -0.3	M17K Holitna River	4.70 250	Pn	09 36 28.9	KDAK Kodiak Island	5.94 203	Pn	09 35 30.8 -1.6
BARN Barnard Glacier	3.81 123	P	09 36 11.8	comp=N,174nm,0.7s				KDAK Kodiak Island	5.94 203	P	09 35 30.8 -1.6
comp=N,139nm,1.0s				M17K Holitna River	4.70 250	P	09 35 15.0 0.0	comp=N,15nm,0.4s, baz=62, slow=6.7, SNR=73			
BARN Barnard Glacier	3.81 123	P	09 36 13.3	M17K Holitna River	4.70 250	P	09 35 15.0 0.0	comp=N,15nm,0.4s, baz=62, slow=6.7, SNR=73			
comp=E,133nm,0.9s				F26K Sheenjek River	4.72 19	Pn	09 35 16.6 +0.8	KDAK Kodiak Island	5.94 203	P	09 36 33.2 -5.7
GRIN Grindle Hills	3.82 140	Pn	09 35 02.4 -1.2	F26K Sheenjek River	4.72 19	Pn	09 35 16.6 +0.8	comp=N,44nm,18.8s, baz=51, slow=42			
WAX Waxell Ridge	3.83 136	Pn	09 35 02.4 -1.3	F26K Sheenjek River	4.72 19	Pn	09 35 16.6 +0.8	O16K Kokwok River B	6.02 236	Pn	09 35 33.7 +0.3
J18K Innoko River	3.83 276	Pn	09 35 04.0 +0.4	G19K Purcell Mouna	4.75 311	Pn	09 35 17.3 +1.1	O16K Kokwok River B	6.02 236	P	09 35 34.3 +0.8
J18K Innoko River	3.83 276	P	09 35 03.9 +0.2	G19K Purcell Mouna	4.75 311	P	09 35 17.3 +1.1	N31M Braeburn, Yuko	6.06 102	Pn	09 35 34.4 +2.0
baz=88				baz=122				D25K Kavik River	6.09 6	Pn	09 35 36.2 +1.7
KAIM Kayak Island	3.84 150	Pn	09 35 02.3 -1.5	SAMH Samovar Hills	4.76 129	Pn	09 35 15.8 -0.5	K15K Wolf Creek Mou	6.19 267	Pn	09 35 36.0 +0.2
KAIM Kayak Island	3.84 150	P	09 36 07.4	I29M Oglivie Camp,	4.78 60	IAML	09 35 17.2 +0.6	K15K Wolf Creek Mou	6.19 267	P	09 35 36.0 +0.2
comp=E,218nm,0.5s				comp=N,180nm,0.7s				baz=75			
KAIM Kayak Island	3.84 150	Pn	09 35 02.2 -1.6	I29M Oglivie Camp,	4.78 60	IAML	09 36 14.7	P29M Windy Craggy	6.22 122	Pn	09 35 36.1 -0.2
comp=N,220nm,0.8s				comp=N,175nm,0.6s				ANCK Angley Creek	6.24 218	Pn	09 35 36.7 +0.2
KAIM Kayak Island	3.84 150	P	09 35 02.2 -1.6	L17K Donlin	4.79 260	Pn	09 35 16.4 -0.2	O30N Mendenhall	6.24 109	Pn	09 35 35.9 -0.6
comp=N,220nm,0.8s				L17K Donlin	4.79 260	P	09 35 16.5 -0.1	O30N Mendenhall	6.24 109	P	09 35 36.1 -0.5
Slope Mountain	3.85 215	Pn	09 35 05.2 +1.1	L17K Donlin	4.79 260	P	09 35 16.5 -0.2	G30M tAoh Zrail Nji	6.26 49	Pn	09 35 37.3 +0.6
Slope Mountain	3.85 215	P	09 35 05.2 +1.1	E24K Your Creek	4.79 359	Pn	09 35 17.8 +1.0	G30M tAoh Zrail Nji	6.26 49	P	09 35 36.5 -0.1
baz=32				E24K Your Creek	4.79 359	P	09 35 18.0 +1.2	CNTC Contact Creek	6.29 220	Pn	09 35 37.5 +0.2
N19K Bonanza Creek	3.87 233	Pn	09 35 04.4 +0.2	H18K Honhosa River	4.80 297	Pn	09 35 18.2 +1.3	O17K Contact Creek	6.29 220	Pn	09 35 37.5 +0.2
N19K Bonanza Creek	3.87 233	P	09 36 08.8	H18K Honhosa River	4.80 297	P	09 35 17.7 +0.8	baz=34			
comp=N,236nm,0.8s				O18K Koktuh Hills	4.80 297	Pn	09 35 17.7 +0.7	H16K Elim	6.32 288	Pn	09 35 38.5 +1.0
N19K Bonanza Creek	3.87 233	Pn	09 36 12.8	O18K Koktuh Hills	4.80 297	P	09 36 38.0	H16K Elim	6.32 288	P	09 35 38.5 +1.0
comp=E,183nm,0.7s				comp=E,66nm,0.6s				L15K Ungalak Mouna	6.36 261	Pn	09 35 38.1 0.0
N19K Bonanza Creek	3.87 233	P	09 35 04.5 +0.2	O18K Koktuh Hills	4.81 227	Pn	09 36 42.1	L15K Ungalak Mouna	6.36 261	P	09 35 38.8 +0.7
baz=47				O18K Koktuh Hills	4.81 227	P	09 35 17.9 +0.9	F17K Baldwin Pennin	6.38 305	Pn	09 35 40.1 +1.8
SUCK Suckling Hills	3.87 145	Pn	09 35 03.3 -0.9	K29M Barlow Dome	4.81 79	IAML	09 36 43.5	F17K Baldwin Pennin	6.38 305	P	09 35 39.4 +1.1
SUCK Suckling Hills	3.87 145	P	09 36 05.1	comp=N,89nm,0.7s				E28M Babbage River	6.39 30	Pn	09 35 39.1 +0.6
comp=E,341nm,0.6s				K29M Barlow Dome	4.81 79	P	09 35 16.6 -0.4	E28M Babbage River	6.39 30	P	09 35 38.4 -0.1
ISLE Juniper Island	3.88 132	IAML	09 35 02.9 -1.6	E23K Chandalar	4.81 354	Pn	09 35 18.6 +1.5	M15K Kasigluk River	6.43 252	Pn	09 35 39.4 +0.4
ISLE Juniper Island	3.88 132	IAML	09 36 13.2	E23K Chandalar	4.81 354	P	09 35 18.6 +1.5	M15K Kasigluk River	6.43 252	P	09 35 40.1 +1.3
comp=E,275nm,0.9s				YUK4 Talbot Arm	4.87 109	Pn	09 35 18.1 +0.1	M31M Drury Creek, Y	6.44 94	Pn	09 35 39.4 +0.1
ISLE Juniper Island	3.88 132	IAML	09 36 20.3	J17K VABM Dome	4.89 276	Pn	09 35 18.2 +0.1	C21K Knifeblade Rid	6.45 339	Pn	09 35 41.4 +2.2
comp=N,233nm,1.1s				J17K VABM Dome	4.89 276	P	09 35 18.2 +0.1	C21K Knifeblade Rid	6.45 339	P	09 35 40.9 +1.7
YUK3 Moose Creek	3.91 110	Pn	09 35 05.1 +0.2	comp=N,81nm,0.8s				C24K Franklin Bluff	6.45 358	Pn	09 35 39.1 -0.2
YUK3 Moose Creek	3.91 110	P	09 35 05.1 +0.2	O18K Koktuh Hills	4.81 227	Pn	09 36 41.4	C24K Franklin Bluff	6.45 358	P	09 35 39.1 -0.2
baz=297				O18K Koktuh Hills	4.81 227	P	09 35 20.9 +0.3	N15K Kwethluk River	6.46 246	Pn	09 35 39.6 +0.2
G21K Allakaket	3.94 327	Pn	09 35 06.4 +1.3	K29M Barlow Dome	4.81 79	IAML	09 36 43.5	N15K Kwethluk River	6.46 246	P	09 35 40.5 +1.1
G21K Allakaket	3.94 327	P	09 35 06.1 +1.1	comp=N,59nm,1.1s				H31M Peel River	6.48 61	Pn	09 35 39.6 -0.2
baz=142				K29M Barlow Dome	4.81 79	P	09 36 43.5	H31M Peel River	6.48 61	P	09 35 40.0 +0.2
BARK Barkley Ridge											

20d 10h

Table with columns: ID, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Niukuk, Stokes Point, Tsigehtic, Teshekpuk Lake, Tiguyakuiv M, etc.

NEIC 20 09:54:31.5±0.7, 19°41'N±0°01'155°28'W±0°009, h1km, 3km, Error ellipse: s-maj=2.0km s-min=0.9km az=143.0

HVO 20 09:54:30.6±0.8, 19°41'N±0°01'155°28'W±0°010, h1km±2.0km, ML3.3/15, ML2.3/24(NEIC), Error ellipse: s-maj=2.0km s-min=1.3km az=160.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Observatory Le, Uwekahunu B, RIM, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Humu'ula Sheep, Moku'aweo, Kahu, etc.

NEIC 20 10:01:28.4±1.3, 19°40'N±0°01'155°27'W±0°005, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.6km az=162.0

HVO 20 10:01:27.0±0.9, 19°41'N±0°00'155°27'W±0°007, h1km, 2km, ML3.4/11, ML2.3/32(NEIC), Error ellipse: s-maj=1.1km s-min=0.8km az=196.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Byron's Ledge, Keanakako'i, Observatory Le, etc.

NEIC 20 10:09:06.8±1.8, 19°41'N±0°00'155°32'W±0°011, h2km, 7km, Error ellipse: s-maj=1.8km s-min=1.1km az=84.0

HVO 20 10:09:05.7±1.3, 19°41'N±0°00'155°27'W±0°021, h1km, 5km, ML3.3/15, ML2.2/17(NEIC), Error ellipse: s-maj=2.3km s-min=0.8km az=104.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Observatory Le, Uwekahunu B, RIM, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Mauna Loa Obs, Moku'aweo, Kahu, etc.

IDC 20 10:02:51.6±2.7, 7°10'S±128°49'E, h0km, mbtmp2.6/1, smln=31.6km az=66.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alina Springs, Makanihi Arr, etc.

NEIC 20 10:08:31.0±1.0, 19°42'N±0°00'155°26'W±0°009, h3km, 2km, Error ellipse: s-maj=1.3km s-min=1.0km az=64.0

HVO 20 10:08:30.7±1.1, 19°41'N±0°00'155°27'W±0°008, h1km, 3km, ML3.0/10, ML1.8/29(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=203.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Observatory Le, Uwekahunu B, RIM, etc.

NEIC 20 10:09:06.8±1.8, 19°41'N±0°00'155°32'W±0°011, h2km, 7km, Error ellipse: s-maj=1.8km s-min=1.1km az=84.0

HVO 20 10:09:05.7±1.3, 19°41'N±0°00'155°27'W±0°021, h1km, 5km, ML3.3/15, ML2.2/17(NEIC), Error ellipse: s-maj=2.3km s-min=0.8km az=104.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Observatory Le, Uwekahunu B, RIM, etc.

WEL 20 10:10:59.4±0.6, 37°S±177°E±1, h12km, M3.3/19, smln=0.2km, MLv3.3/19, Error ellipse: s-maj=0.0km s-min=0.0km az=32.8, confirmed, Off east coast of North Island

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WSRZ White Island S, WIZ White Island, WAZ Te Kaha, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWGZ Tauwhareparee, MWZ Matakaoa Point, WAZ Te Kaha, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DUWZ D'Urville Isla, SNZO South Karori, SNZO South Karori, etc.

IDC 20:10:19:01.3:14.0, 28.52N, 42.36W, h0km, mb3.6, 5, mbtm3.6/5, MS3.2/10, Error ellipse: s-maj=318.7km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SADO Sadowa, MDT Midelt, TKL Tuckaleechee C, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WATZ Wairara, KUZ Kuaotunu, MCHZ Kahurangi Hill, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAROKA Rangitikei, STKA Stephens Creek, ASAR Alice Springs, etc.

NOU 20:10:23:50.7, 37.77S, 177.74E, h13km, MLv4.9/14, Off E, Coast of N. Island, N.Z.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NEIC 20:10:23:50.2, WEL 20:10:23:51.7, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TSZ Takapari Road, DVHZ Dannevirke, WAZ Wanganui, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSRN Korea Array, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, KBZ Khabaz, MMAI Mount Meron Ar, etc.

NEIC 20 11:02:52.5-0.7, 19:420N:0.008-155:269W:0.008, h1km, 3km, Error ellipse: s-maj=1.2km s-min=1.0km

HVO 20 11:02:52.1-1.1, 19:409N:0.009-155:261W:0.008, h1km, 2km, ML2.9/3, ML2.4/3(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=166.0, Hawaiian Islands

Main station list table for NEIC and HVO regions, including stations like BYL Byron's Ledge, KKO Keanakao'i, HATHI Halema'uma'u T, etc.

JSN 20 11:03:01.9-0.4, 18:58N:77:54W, h36km, 8km, MD3.5

SSNC 20 11:03:02.4-1.2, 18:64N:77:43W, h20km, 22km, MD3.0, ML2.4, MW2.3

ISC 20 11:02:59.0-1.3, 18:74N:0.055:77:29W:0.009, h27km, 15km, n10, c124/16, 1C-2D, Jamaica region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTJDJ Mount Denham, STH Stony Hill, etc.

HEL 20 11:09:10.7-0.2, 68:09N:33:38E, h0km, ML1.8, Explosion

KOLA 20 11:09:11.6, 68:05N:33:39E, h0km, ML2.0, Error ellipse: s-maj=4.1km s-min=2.8km az=100.0, Olenegorsk City, Mines

ISC 20 11:09:13.8-2.9, 68:17N:32:87E, h0km, mbtmp2.8/2, ML2.0/2, Error ellipse: s-maj=37.2km s-min=15.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APAA Apatity Array, MARVS Santiago de Cu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEV Rovaniemi, RNF Rovaniemi, ARAO Arcessel Array S, etc.

NEIC 20 11:17:56.6-0.9, 19:42N:0.02-155:282W:0.009, h5km, 1km, Error ellipse: s-maj=3.1km s-min=2.2km az=341.0

HVO 20 11:17:56.3-0.7, 19:411N:0.007-155:263W:0.006, h1km, 3km, ML3.3/10, ML2.5/22(NEIC), Error ellipse: s-maj=1.1km s-min=0.6km az=145.0, Hawaiian Islands

Main station list table for NEIC and HVO regions, including stations like BYL Byron's Ledge, HATHI Halema'uma'u T, SBLHI Steaming Bluff, etc.

ISC 20 11:20:07.5-1.8, 3:66S:137:26E, h0km, mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=93.0km s-min=35.6km az=92.0, Irian Jaya

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

ISC 20 11:22:37.2-1.3, 21:03N:142:64E, h0km, mb3.6/6, mbtmp3.6/6, MS2.9/6, Error ellipse: s-maj=51.5km s-min=23.3km az=93.0, Mariana Islands region

Main station list table for ISC region, including stations like GUMO Guam, MJAR Matsushiro Arr, KRSR Koro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Pavenc, PAVE Pavenc, CHJUJ Union Juarez, etc.

ISC 20 11:38:50.6-0.8, 19:42N:0.03-155:28W:0.02, h3km, 4km, n57, c198/56, mb4.0/10, Hawaiian Islands

ISC 20 11:38:50.6-0.8, 19:42N:0.03-155:28W:0.02, h3km, 4km, n57, c198/56, mb4.0/10, Hawaiian Islands

Main station list table for ISC region, including stations like UWB Uwekahuna B, OBL Observatory Le, SBLHI Steaming Bluff, etc.

HVO 20 11:38:50.1-1.1, 19:400N:0.007-155:274W:0.007, h0km, 5km, ML4.0/6, mb4.1/8(NEIC), ML3.3/7(NEIC), Error ellipse: s-maj=1.0km s-min=0.9km az=201.0

NEIC 20 11:38:51.1-1.2, 19:404N:0.009-155:294W:0.004, h2km, 3km, Error ellipse: s-maj=1.4km s-min=0.5km az=185.0

Main station list table for HVO and NEIC regions, including stations like UWB Uwekahuna B, OBL Observatory Le, SBLHI Steaming Bluff, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPO Honuapo, HUH Hualalai, IS95 HAWAII INFRASO, etc.

SJA 20 12:22:57.0 ± 1.6, 20.91S:69.50W, h76km, 8km, ML3.6, MW3.6

ICD 20 12:22:58.5 ± 1.3, 20.83S:69.14W, h91km, 12km, mb3.2/4, mbmp3.7/6, Error ellipse: s-maj=36.8km s-min=9.5km az=95.0

GUC 20 12:22:58.6 ± 0.7, 20.87S:69.40W, h62km, 4km, ML3.8

VAO 20 12:22:59.1 ± 0.7, 20.95S:69.96W, h91km, mb3.7

ISO 20 12:22:57.0 ± 0.8, 20.83S:69.43W, h77km, 7km, n42, ±137/52, mb3.5/4, 2C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PATCX Punta Patache, TA01 Diego Aracena, TA02 Huiiquique, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 Chusmiza, PB04 IPOC Station P, PB04 IPOC Station P, etc.

RSNC 20 12:36:17.2 ± 0.0, 11°N:10°W, h168km, 11km, M2.1, ML2.1

FUNV 20 12:36:19.5 ± 0.0, 10.46N:17.42W, h36km, MW3.0

ISC 20 12:36:19.6 ± 0.5, 10.35N:17.35W, h0.0/4, h36km ± 12km, n9, ±120/17, Lake Maracaibo

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCQV Machiques, URIC Uribia, SIOV Siquisique, etc.

ICD 20 12:41:34.4 ± 1.9, 20.93S:178.65W, h586km, 20km, mb3.6/19, mbtmp4.5/21, Error ellipse: s-maj=14.5km s-min=11.3km az=107.0

NEIC 20 12:41:34.4 ± 2.2, 21.0S:0.1x178.5W, h576km, 7km, mb4.9/16, Error ellipse: s-maj=18.2km s-min=15.2km az=133.0

NOU 20 12:41:34.6 ± 2.1, 03S:178.53W, h595km, mb4.6/39, Fiji Islands Region

ISC 20 12:41:33.7 ± 0.3, 21.00S:0.07x178.59W, h0.0/7, h579km, n404, ±99/376, mb4.3/74, 1C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSFV Nonsavu, FUTU Futugota, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HIZ Haulti, BKZ Black Stump Fm, BFZ Birch Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, SPITS Spitsbergen Ar, ARCES ARCES Array B, etc.

CATAC 20 12:50:37.4-0.7, 13.833N-91.26W, h6km, 6km, ML3.6
GGC 20 12:50:41.4-0.7, 14.10N-91.36W, h53km, 7km, MD3.1
ISC 20 12:50:36.8-2.5, 13.833N-0.09.91.36W-0.07, h15km±12km, n21, ±0.96/35, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SULM Suchitepequez, STG3 Santiago0 3, PCG Pacaya, etc.

ISC 20 12:55:18.5±1.3, 18.08S-175.67W, h0km, mb3.8/6, mbmtpp3.8/6, Error ellipse: s-maj=39.7km s-min=30.5km az=167.0, 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.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR 0.7nm,0.3s, ASAR 3.5nm,0.8s, VANDA Vanda, etc.

RSPR 20 12:59:06.4, 18.161N-68.54W, h116km, 2km, MD3.3/5
NEIC 20 12:59:06.8-0.4, 18.14N-0.2-68.50W, 0.09, h115km, 11km, ML2.5/20, MD3.3/5(RSPR), Error ellipse: s-maj=32.3km

ISC 20 12:59:07.8±1.8, 18.0N-0.2-68.53W-0.07, h95km, n24, ±0.57/27, 3C-AD, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCDR Punta Cana, DR, PCDR Punta Cana, CR, etc.

IDC 20 13:02:26.1±1.4, 3.69S, 128.13E, h0km, mb3.9/5, mbmp4.0/6, ML4.3/1, Error ellipse: s-maj=92.0km s-min=23.0km az=65.0

DJA 20 13:02:39.8-0.4, 4.54S, 121.9E, h97km, 5km, MA.5/12, mb4.8/4, mbM5.3/2, MLV4.4/12, Mw(mb)4.7/2

ISC 20 13:02:36.6-0.7, 3.70S, 0.06-128.60E-0.05, h91km, n25, ±2.89/31, mb3.9/4, Seram

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OKKE Okmok Cone E, OKWE Okmok W'ng Wal, SSSL Shishaldin Sou, etc.

OSPL 20 13:14:17.8-2.2, 19.68N-72.73W, h5km, 14km, ML2.2
SSNC 20 13:14:17.1±1.1, 19.83N-72.66W, h105km, 15km, MD3.1, ML2.3

SDD 20 13:14:20.1±1.2, 19.51N-72.70W, h18km, 143km, MD3.3, ML2.5, MW2.9

ISC 20 13:14:18.1±1.7, 19.62N-0.08-72.79W-0.05, h25km±19km, n18, ±0.97/25, 3C-3D, Haiti region

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

ISC 20 13:18:07.1±4.4, 19.85N-121.07E, h0km, mb3.3/3, mbmtpp3.3/3, MS2.3/1, Error ellipse: s-maj=370.9km s-min=29.8km az=61.0, Philippine Islands region

ISC 20 13:18:07.1±4.4, 19.85N-121.07E, h0km, mb3.3/3, mbmtpp3.3/3, MS2.3/1, Error ellipse: s-maj=370.9km s-min=29.8km az=61.0, Philippine Islands region

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

ISC 20 13:20:14.5±2.0, 6.63S-152.32E, h0km, mb3.4/4, mbmtpp3.5/5, ML1.6/1, Error ellipse: s-maj=81.0km s-min=26.1km az=125.0, New Britain region

20d 13h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, PMG 1.1nm,0.3s,baz=117,slow=11,SNR=1.7, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, ILAR Eielson Array, TORO Torodi Ar. Bea.

GII 20 13:26:09.4±0.4, 33.776N±35.815E±0.002, h0km, confirmed
GRAL 20 13:26:09.5±0.3, 33.778N±35.78E±0.002, h0km, 25km, MD2.7
ISC 20 13:26:08.9±1.0, 33.779N±0.03±5.79E±0.05, h0km, n14, c0544/16, Jordan-Syria region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include ZAHL Zahrle, NATI Neve Ativ, GEM Giv'at Ha'Em, KSHT Keshet, BEIL Beino, MMLI Mount Malkishu, HMDT Nahal Hemdat.

IDC 20 13:26:52.3±0.8, 55.37S±28.23W, h0km, mb4.2/7, mbmp3.3/8, ML4.6/11, MS3.4/11, Error ellipse: s-maj=34.9km s-min=19.3km az=72.0
NEIC 20 13:26:54.4±1.0, 55.45S±0.1±28.2W±0.2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=25.5km s-min=19.4km az=27.0
ISC 20 13:26:56.1±0.6, 55.45S±0.1±28.2W±0.1, h26km, n58, c0569/42, mb4.5/9, MS3.4/10, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, SNA5 Sanae, SNA6 Sanae, TROLL Troll, Antarti, BELA Belgrano 2, MG03 Isla Dawson, GO08 Villa O'Higgins.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include AY02 Valle Explorad, PLCA Paso Flores, QSPA South Pole Qui, QSPA South Pole Qui, CPUP Villa Florida, CPUP Villa Florida, SUR Sutherland, MAW Mawson, LVC Limon Verde, BOSA Boshof, GO01 Chuzmisza, VNA2 Vanda, VNA3 Vanda, H10S2 ASCENSION HYDR47.53, H10S3 ASCENSION HYDR47.53, H40S2 CROZET ISLANDS 48.37 115, H40S3 CROZET ISLANDS 48.37 115, H40S1 CROZET ISLANDS 48.37 115, H10N1 ASCENSION HYDR48.64, H10N3 ASCENSION HYDR48.65, H10N2 ASCENSION HYDR48.66, LBTB Lobatse, LPAZ La Paz, LPAZ La Paz, NNA Nana, MDP Montagnes des, TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, SDV Santo Domingo, ASAR Alice Springs, YKA Yellowknife Ar, G31M Satah River, M29M Sormie Creek, I30M Mount Dempster, L29M L29M, G30M Taoh Zraii Nji, DAWY Dawson, H29H Whitestone.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include G29M Pine Creek, E29M Blow River, BCAR Beaver Creek, G27K Doyon Strip, D27M Malcom River, IJSL Joseph Creek, SCRK Sand Creek, ILAR Eielson Array, SONM Songoing Array.

RSNC 20 13:27:01.1±0.0, 7.7N±1.7±3.7W±1.1, h136km, 3km, M2.9, mb3.5, mb4.5, ML2.9, ML3.6, MW(MB)3.7, Northern Colombia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include BARC Barichara, PAMC Pamplona, TAME Tame, Arauca, PTBC PUERTO BERRIO, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, NORC Norcasia, CHIC Chingaza, ROSC El Rosal, CVER Cruz Verde, HELC Santa Helena, UREC San Jos de Ur, UREC Villavicencio, GUYC Guyana, PTGC Puerto Gaitan, DBBC Dabeiba, ANIL Anilla, ARG Arguana, PRAC Prado, APAC Apartado, PLMC San Jos del P, SJCC San Jacinto, UJRM Uribia, UJRM Cerrejon, YOTC Yotoco, UJRC Uribia, JAMC Jamundi, MALC Bahia Malaga, BBAC Barbosa, CAUCA Cauca.

NOU 20 13:43:55.0, 17.80S±168.00E, h31km, MLv4.1/11, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include DVP Devils Point, LIFNC LIFOU, MARNC Mare, Loyalty, YATNC Mamie plateau, KOUNC Koumac, ANIM Mont Drazum, NOUC Port Laguerre, ONTNC Ouen Toro, PINNC Pines Island, NEIC 20 13:44:04.1±0.3, 19.41N±0.01±155.284W±0.007, h5km, 2km, Error ellipse: s-maj=3.0km s-min=1.9km, HVO 20 13:44:03.7±0.6, 19.42N±0.01±155.269W±0.007, h1km, 7km, ML3.0/31, ML2.5/26, Error ellipse: s-maj=1.7km s-min=0.8km az=190.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KNNH Kane Nui o Ham, HHL Haina Pali, HLP comp=E, 1.1um, 0.9s, MLH Mauna Loa, MLH Mauna Loa, STCH Steam Cracks, NPOC North of Pu'u, JOKA Jorika Flow, JOKA Jorika Flow, HMH Humu'ula Shep, HMH comp=N, 643nm, 0.5s, MWH Moku'aweo, KHU Kahuku, KHU Kahuku, KHU comp=E, 395nm, 1.0s, POHA Pohakuloa, HUH Hualalai.

NEIC 20 13:44:04.1±0.3, 19.41N±0.01±155.284W±0.007, h5km, 2km, Error ellipse: s-maj=3.0km s-min=1.9km

HVO 20 13:44:03.7±0.6, 19.42N±0.01±155.269W±0.007, h1km, 7km, ML3.0/31, ML2.5/26, Error ellipse: s-maj=1.7km s-min=0.8km az=190.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include IDC 20 13:45:10.2±1.5, 28.46N±49.65E, h0km, mb3.8/9, mbmp3.8/11, ML3.3/31, MS3.1/6, Error ellipse: s-maj=35.3km s-min=23.1km az=164.0, TEH 20 13:45:14.8, 28.65N±49.81E, h18km, 45km, ML3.7, ISC 20 13:45:11.3±1.0, 28.38N±0.10±49.68E±0.07, h10km, n42, c13242/11, mb3.9/11, MS3.0/4, 1C, Persian Gulf

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include DDBU Dashti - Bushe, DSBU Dashti - Bushe, KAZZ Kazeron-Fars, SHI Shiraz, KLNJ Kolanjaj, IBRJ Brojen, ZNGN Zangien, JHBN Jahan bin, IRAM Rameshah, IRPI Pirpir, IGAR Gharneh, IZEF Zefreh, IKLH Kolahrood.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include IMEH Mehriz, IKFM Kafar-mosalmán, QAMS Qamsar, ANOB Doab, IDAB Anarak, KRSH Karsahi, IBAF Bafgh, KHGB Koh Gabri, IBZA Bozab, ISFB Sefidab, SNQR Sonqor, QABG Abgarm-Qazvin, KBAM BAM, WSAR Wadi Sarin.

WSAR 0.3nm,0.3s,baz=324,slow=8.7,SNR=3.3, 7.9nm,1.0s, comp=Z,77nm,18.8s,baz=126,slow=46

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include GEYT Alikeb, GEYT Ala, BRVK Borovoye, BVAO Borovoye Array, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo, HFS Hagfors, NRK Norik, MDT Middelt, TORO Torodi Ar. Bea, SONM Songoing Array, YKA Yellowknife Ar.

IDC 20 13:45:29.2±7.6, 9.34S±126.51E, h0km, mb3.8/1, mbmp3.3/3, ML2.9/2, Error ellipse: s-maj=136.3km s-min=92.0km az=49.0, Timor region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Torodi Ar. Bea, ASAR Alice Springs, STKA Stephens Creek.

IDC 20 13:51:31.2±2.6, 34.19N±139.42E, h0km, mb3.3/2, mbmp3.2/3, ML2.3/1, Error ellipse: s-maj=128.3km s-min=23.6km az=76.0

JMA 20 13:51:36.2±0.3, 34.6N±0.7±140.1E±0.8, h58km, 2km, M1/2±4/30, SE OFF BOSO PENINSULA

ISC 20 13:51:36.1±1.1, 34.63N±0.05±140.15E±0.06, h65km, 9km, n18, c0575/22, Near east of eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include BS03 Boso 3, BS04 Boso 4, TATJ Tateyama 2, JKUC kamogawauchi, JKUC Boso 1, JIM2 Oshima 3, BS01 Boso 1, BS01 Boso 1, JTHY Toshiyohgashita, JMYK Miyake Tsusoba, JMKM Mikurajmanish, KTJ3 Kamata 3, JOD2 Owatara 2, JOD2 Owatara 2, JYN Shimob, MJAR Matsushiro Arr, MJAR Matsushiro Arr, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, WRA Warramunga Arr, ASAR Alice Springs.

NEIC 20 13:53:16.1±1.2, 19.42N±0.01±155.283W±0.006, h1km, 2km, Error ellipse: s-maj=1.4km s-min=0.7km az=194.0

HVO 20 13:53:15.2±1.1, 19.398N±0.009±155.272W±0.005, h1km, 2km, ML3.2/23, ML2.8/35, Error ellipse: s-maj=1.3km s-min=0.7km az=174.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include RIM Rim, BYL Byron's Ledge, BYL Byron's Ledge, HATHI Halema'uma'u T, HATHI Halema'uma'u T, WUBH Uwekahuna B, WATHI West Rim, SBLH Steaming Bluff, SBLH Uwekahuna, UWE Uwekahuna, PUH Pauahi, PUH Pauahi, PUD comp=E, 5um, 0.7s, RSD Rainedsh, RSD Rainedsh, RSD comp=N, 4um, 0.6s, RSD comp=N, 4um, 0.6s, KNNH Kane Nui o Ham.

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HLP	Hilina Pali	0.11 198	Pg	13 53 20.8 +3.5
HLP	Hilina Pali	0.11 198	IAML	13 53 20.1
comp=N,5um,0.7s				
HLP			IAML	13 53 20.3
comp=E,7um,1.0s				
STCH	Steam Cracks	0.14 95	Pg	13 53 18.8 +0.9
STCH	Steam Cracks	0.14 95	Sg	13 53 21.6 +1.9
comp=E,6um,0.9s				
MLH	Mauna Loa	0.14 312	Pg	13 53 18.9 +0.9
MLH	Mauna Loa	0.14 312	IAML	13 53 21.9
comp=E,4um,1.1s				
IAML				
13 53 22.6				
comp=N,6um,1.2s				
NPOC	North of Pu'u	0.15 92	Pg	13 53 19.1 +0.9
JCUZ	Jacuzzi	0.16 95	Sg	13 53 19.2 +0.9
HLC	Hot Caves	0.20 217	Pg	13 53 19.9 +0.9
JOKA	Jonika Flow	0.26 82	Pg	13 53 21.0 +0.9
JOKA			IAML	13 53 28.9
comp=N,2um,0.9s				
JOKA			IAML	13 53 29.0
comp=E,2um,1.4s				
HMH	Humu'ula Sheep	0.28 316	Pg	13 53 21.4 +0.8
HMH			IAML	13 53 27.2
comp=E,2um,1.5s				
HMH			IAML	13 53 30.6
comp=N,2um,0.7s				
MWH	Moku'aweowe	0.32 286	Pg	13 53 22.1 +0.7
KHU	Kahuku	0.36 245	Pg	13 53 23.0 +0.9
KHU			IAML	13 53 22.0
comp=E,2um,0.9s				
KHU			IAML	13 53 34.1
comp=N,2um,0.9s				
ALEP	Alea Permanent	0.38 292	Pg	13 53 23.2 +0.7
HPO	Honapu	0.41 221	Pg	13 53 23.8 +0.8
HPO	Honapu	0.41 221	Sb	13 53 30.9 +1.1
CPH	Captain Cook	0.62 279	Pg	13 53 27.0 0.0

NEIC 20 14:21:00.0±0.7, 19.393N; 0.009±155.276W; 0.007, h2km, 1km, Error ellipse: s-maj=1.4km s-min=0.9km az=139.0

HVO 20 14:20:59.3±0.7, 19.398N; 0.009±155.272W; 0.007, h1km, 2km, ML3.2/10, ML2.2/20(NEIC), Error ellipse: s-maj=1.5km s-min=0.9km az=203.0, Hawaiian Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res
			Op	ISC h m s ISC
RIM	Rim	0.00 221	Pg	14 21 00.5 +0.8
KKO	Keanakako'i	0.01 87	Pg	14 21 00.6 +0.9
BYL	Byron's Edge	0.02 38	Pg	14 21 00.5 +0.3
BYL			IAML	14 21 00.6
comp=N,4um,0.2s				
SDHH	Sand Hill	0.02 249	Pg	14 21 01.1 +1.2
OBL	Observatory Le	0.02 330	Pg	14 21 01.1 +1.2
HATH	Halema'uma'u T	0.03 22	Pg	14 21 00.3 +0.4
HATHI			IAML	14 21 01.1
comp=N,11um,0.6s				
UWB	Uwekahuna B	0.03 348	Pg	14 21 00.5 +0.6
WRM	West Rim	0.03 289	Pg	14 21 00.5 +0.5
UWE	Uwekahuna	0.03 320	Pg	14 21 00.5 +0.7
PUH	Pauahi	0.06 114	Pg	14 21 01.1 +0.7
PUH			IAML	14 21 01.6
comp=N,965nm,0.7s				
RSD	Rained	0.07 355	Pg	14 21 01.1 +0.5
RSD			IAML	14 21 02.4
comp=N,1um,1.0s				
RSD			IAML	14 21 02.8
comp=E,1um,0.4s				
KNHH	Kane Nui o Ham	0.10 100	Pg	14 21 02.1 +0.9
HLP	Hilina Pali	0.11 199	Pg	14 21 02.2 +0.8
HLP			IAML	14 21 02.7
comp=E,3um,0.9s				
HLP			IAML	14 21 03.4
comp=N,2um,1.4s				
STCH	Steam Cracks	0.14 95	Pg	14 21 02.6 +0.6
STCH			IAML	14 21 05.9
comp=N,1um,0.4s				
MLH	Mauna Loa	0.14 312	Pg	14 21 03.2 +1.1
MLH			IAML	14 21 05.0
comp=E,398nm,0.8s				
MLH			IAML	14 21 06.8
comp=N,983nm,0.8s				
NPOC	North of Pu'u	0.15 92	Pg	14 21 03.1 +0.8
NPOC			Sg	14 21 24.3 +1.7
JCUZ	Jacuzzi	0.16 95	Pg	14 21 03.2 +0.8
JCUZ			Sg	14 21 06.2 +1.7

BUI 20 14:22:20.5±0.0, 18.80N; 155.10W, h15km, mb4.9/18, mB5.2/15, Ms5.1/18, Ms7.4/9/20

ICD 20 14:22:23.9±1.0, 19.43N; 155.32W, h0km, mb3.7/8, mbmp3.7/8, Ms4.4/60, Error ellipse: s-maj=17.2km s-min=12.1km az=126.0

HVO 20 14:22:23.5±1.1, 19.4N; 0.2±155.3W; 0.2, h0km, 5km, ML4.0/14, mb4.6/45(NEIC), ML3.8/34(NEIC), Mw5.3/30(NEIC), Error ellipse: s-maj=29.6km s-min=19.3km az=132.0

NEIC 20 14:22:24.1±1.2, 19.30N; 155.50W, h12km, Moment Tensor Solution. Duration: 2s2 Moment tensor: Scale 10¹⁷Nm; M_{rr}-1.07; M_{θθ}0.55; M_{φφ}-0.54; M_{φθ}0.53; M_{φr}0.17; Fault plane solution: Mo:1.20000×10¹⁷ NP1:φ:65.23000°, δ:55.61000°, λ:-65.00000°. NP2:φ:205.68000°, δ:41.59000°, λ:-121.69000°. Principal axes: T:1.0970, Pg:0.0000°, Azm:138.0000°, N:0.1998, P:20.0000°, Azm:39.0000°, N:1.12968, P:68.0000°, Azm:23.0000°, P:-1.034, Pg:62.0000°, Azm:153.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 14:22:23.1±1.1, 19.43N; 0.003±155.29W; 0.02, h0km, 6km, n163, 01969/109, mb4.6/37, MS4.5/67, Hawaiian Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res
			Op	ISC h m s ISC
UWB	Uwekahuna B	0.01 133	Pg	14 22 24.1 +1.3
UWE	Uwekahuna	0.01 216	Pg	14 22 24.1 +0.7
OBL	Observatory Le	0.01 175	Pg	14 22 24.1 +0.7
SBLH	Steaming Bluff	0.02 104	Pg	14 22 25.1 +1.6
HATHI	Halema'uma'u T	0.02 110	Pg	14 22 24.4 +0.8
WRM	West Rim	0.03 209	Pg	14 22 24.2 +0.6
BYL	Byron's Ledge	0.03 129	Pg	14 22 24.3 +0.4
BYL			IAML	14 22 24.0
comp=N,114um,0.6s				
RSD	Rained	0.03 12	Pg	14 22 25.1 +1.4
RIM	Rim	0.04 163	Pg	14 22 25.1 +1.3
SDHH	Sand Hill	0.04 191	Pg	14 22 25.5 +1.6
PUH	Pauahi	0.09 131	Pg	14 22 25.3 +0.5
PUH			IAML	14 22 27.1
comp=E,47um,1.0s				
MLH	Mauna Loa	0.11 303	Pg	14 22 26.9 +1.6
MLH			IAML	14 22 29.5
comp=N,34um,1.1s				
KNHH	Kane Nui o Ham	0.12 115	Pg	14 22 26.5 +1.0
HLP	Hilina Pali	0.14 189	Pg	14 22 29.3
HLP			IAML	14 22 29.3
comp=N,51um,1.2s				
HLP			IAML	14 22 29.6
comp=E,41um,0.5s				
STCH	Steam Cracks	0.16 107	Pg	14 22 27.2 +1.1
STCH			IAML	14 22 31.0
comp=N,20um,0.7s				
STCH			IAML	14 22 31.1
comp=N,2um,0.9s				
NPOC	North of Pu'u	0.17 103	Pg	14 22 27.6 +1.2
NPOC			Sg	14 22 31.6 +3.0

JCUZ	Jacuzzi	0.18 105	Pg	14 22 28.0 +1.4
JCUZ			Sg	14 22 30.6 +1.8
HLC	Hot Caves	0.22 209	Pg	14 22 28.2 +0.9
HMH	Humu'ula Sheep	0.25 312	Pg	14 22 29.4 +1.4
HMH			IAML	14 22 35.4
comp=E,15um,1.2s				
HMH			IAML	14 22 36.4
comp=N,16um,1.1s				
JOKA	Jonika Flow	0.27 89	Pg	14 22 29.3 +1.1
JOKA			IAML	14 22 35.8
comp=E,11um,2.0s				
JOKA			IAML	14 22 37.0
comp=N,15um,1.2s				
JOKA	Jonika Flow	0.27 89	Sb	14 22 35.0 -0.9
MLOA	Mauna Loa Obse	0.29 291	Pg	14 22 30.1 +1.3
MLOA			Sg	14 22 34.9 +2.3
MLOA	Mauna Loa Obse	0.29 291	IAML	14 22 38.8
comp=E,19um,1.0s				
MLOA			IAML	14 22 39.0
comp=N,22um,1.0s				
MWH	Moku'aweowe	0.30 280	Pg	14 22 30.0 +1.2
PAH	Pahoa	0.33 79	Pg	14 22 30.4 +1.0
POHA	Pohakuloa	0.40 324	Pg	14 22 32.4 -0.8
POHA			IAML	14 22 43.1
comp=N,14um,0.9s				
POHA			IAML	14 22 44.4
comp=N,14um,1.1s				
HPO	Honapu	0.42 217	Pg	14 22 31.9 +0.6
HUH	Hualalai	0.58 296	Pg	14 22 35.7 +0.5
IS9US	HAWAII INFRA50	0.60 286	Pg	14 22 35.5 +0.5
IS9US			I	14 25 40.0
comp=N,0.2nm,0.9s,baz=106,slow=319,SNR=28				
YBH	Yreka Blue Hor	35.46 44	P	14 29 22.8 +1.5
YBH			LR	14 40 26.6
comp=N,1.2nm,0.9s,baz=206,slow=8.8,SNR=2.9				
YBH			LR	14 40 26.6
comp=N,496nm,20.8s,baz=242,slow=30				
H11N3	WAKE ISLAND Hy 35.57 277	T	T	15 06 34.7
H11N2	WAKE ISLAND Hy 35.58 277	T	T	15 06 35.7
H11N1	WAKE ISLAND Hy 35.59 277	T	T	15 06 38.1
H11S2	WAKE ISLAND Hy 35.91 275	T	T	15 06 59.4
H11S1	WAKE ISLAND Hy 35.91 275	T	T	15 06 59.2
H11S3	WAKE ISLAND Hy 35.93 275	T	T	15 06 59.7
comp=N,732nm,21.7s,baz=244,slow=30				
NVAR	Mina Array Bea	37.17 51	P	14 29 34.3 -1.9
NVAR	Mina Array Bea	37.17 51	P	14 29 38.7 +2.5
comp=N,0.1nm,0.2s,baz=249,slow=12,SNR=2.0				
NVAR			LR	14 41 23.4
comp=N,732nm,21.7s,baz=244,slow=30				
PPT2			eS	14 29 37.0 +0.6
PPT2			eS	14 35 30.0 +5.5
comp=N,408nm,25.2s				
PPT2			eLQ	14 37 59.3
comp=N,662nm,20.8s				
PPT2			eLR	14 39 21.6
comp=N,4um,25.5s				
PPT2			eLR	14 39 31.1
comp=N,3um,31.2s				
PPT2			LR	14 41 01.5
KVN	Kaiserville	37.54 51	P	14 29 39.1 -0.2
MZP	Montezuma Peak	37.62 53	P	14 29 40.2 +0.1
WCOT	Wildcat Mount	37.93 55	P	14 29 42.0 +0.5
HO2S1	DAWSON INLET T 38.05 22	T	T	15 09 59.7
SNR=17				
KDAX	Kodiak Island	38.35 2	LR	14 41 58.7
CLRS	Cowichan Lake	38.56 33	P	14 29 44.8 -2.7
CLRS			IAMB	14 30 00.8
comp=N,22nm,1.6s				
BBB	Bella Bella	38.97 27	LR	14 41 56.4
comp=N,499nm,21.4s,baz=224,slow=30				
ELK	Elko	40.19 49	P	14 30 02.9 +1.4
comp=N,0.3nm,0.4s,baz=243,slow=17,SNR=1.5				
SHEM	Shemya Is, Ala	40.85 332	LR	14 43 44.5
comp=N,164nm,21.8s,baz=131,slow=31				
B08A	Colville Reser	40.89 37	P	14 30 05.7 -1.3
N19K	Bonanza Creek	41.34 1	P	14 30 09.2 -1.4
N19K			IAMB	14 30 13.1
comp=N,13nm,1.1s				
LP1G	La Paz	41.90 75	LR	14 40 04.9
comp=N,780nm,21.2s,baz=240,slow=30				
NEW	Newport	42.11 38	LR	14 44 11.3
comp=N,249nm,21.1s,baz=228,slow=31				
SUA	Susitna Lake	42.11 3	P	14 30 17.3 +0.5
HVV	Hansel Valley	42.28 49	P	14 30 18.2 -0.4
SKT	Skwentna	42.59 3	P	14 30 20.8 +0.2
SKT			IAMB	14 30 45.5
comp=N,13nm,1.4s				
H18K	Henry Mountain	42.75 55	P	14 30 22.0 -0.6
L18K	Granite Mounta	42.76 359	P	14 30 21.9 -0.1
comp=N,22nm,1.9s				
TBI	Tubuai	42.90 172	eS	14 30 23.3 -0.2
comp=N,2545nm,26.5s				
TBI			eLQ	14 40 17.9
comp=N,2um,25.8s				
TBI			eLR	14 42 06.2
comp=N,13um,28.8s				
TBI			eLR	14 42 11.1
comp=N,2um,27.5s				
DLBO	Dease Lake	43.10 19	LR	14 44 32.2
comp=N,584nm,20.8s,baz=221,slow=31				
BPMT	Black Pine Rd	43.52 42	P	14 30 29.0 +0.2
R33M	Jennings River	43.63 18	P	14 30 27.4 -1.6
R33M			IAMB	14 31 52.4
comp=N,20nm,1.9s				
M27K	Edge Creek, AK	43.89 9	P	14 30 32.6 +1.3
M27K			IAMB	14 30 59.0
comp=N,29nm,1.9s				
FWX	Fox Creek	44.10 47	P	14 30 31.6 -1.8
KTH	Kentint Hill	44.19 3	P	14 30 32.6 -1.0
L27K	Beaver Creek,	44.57 9	P	14 30 38.1 +1.5
L27K			IAMB	14 30 54.4
comp=N,10nm,1.4s				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like K20K, J18K, M29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNTQ, WBO, LQNY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like E62A, K62A, WVL, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKZ, TUMD, KBTR, etc.

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

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

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

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

Technical notes and parameters for station groups, including coordinates and error ellipses.

20d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WCS Beigang Elemen, TDCB Tech, TWT Tachien, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TEYL Yanliu Villag, EGFG Guangfu, SHUL Shoufeng, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like EGS baz=47, CHKH Chenggong, YMO8 baz=146, etc.

IDC 20 17:15:37.2, 2.3, 6.49S, 152.19E, h0km, mb3.3/3, mblmp3.3/3, Error ellipse: s-maj=148.0km s-min=31.7km az=127.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Elision Array, etc.

ECX 20 17:24:26.3, 0.3, 30.55N, 114.07W, h16km, 3km, ML2.9 MEX 20 17:24:26.9, 0.3, 30.61N, 114.27W, h1km, 2km, MD3.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFX San Felipe, SFX San Felipe, SFX San Felipe, etc.

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

IDC 20 17:25:06.4, 2.4743N-92.78W, h0km, mbmtp3.2/1, ML0.6/1, Error ellipse: s-maj=71.8km s-min=28.9km az=55.0, Minnesota

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ULM, LAC DU BONNET, etc.

NEIC 20 17:32:03.2, 1.0, 36.23N, 0.02, 98.91W, 0.02, h5km, 1km, Error ellipse: s-maj=3.4km s-min=3.0km az=289.0

TUL 20 17:32:03.9, 1.1, 36.25N, 0.02, 98.92W, 0.03, h4km, 4km, ML2.6, mb_Lg2.5/40(NEIC), ML2.6/16(NEIC), Error ellipse: s-maj=3.0km s-min=2.5km az=101.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

GC02 Grant County #2 1.04 54 Pg Sg 17 32 23.2 -0.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like R32A, R32A, TUL3, etc.

AMTX Amarillo 2.63 240 Pg Pn 17 32 48.5 +1.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RTBA, X37A, KSU1, etc.

NOU 20 17:38:09.8, 39.72S, 173.72E, h282km, MLV3.5/9, Off W. Coast of N. Island, N.Z.

WEL 20 17:38:17.3, 0.9, 40.5, 17.4E, h208km, 6km, M2.8/23, ML2.8/7, MLV2.8/23, Error ellipse: s-maj=0.0km s-min=0.0km az=115.8, confirmed

ISC 20 17:38:11.8, 1.8, 39.83S, 0.06, 173.82E, 0.06, h247km, 10km, n100, s194/119, Off west coast of North Island

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

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PREZ, KHEZ, KHEZ, LAKE ROTOKARE, etc.

IDC 20 17:47:20.5, 4.1564S, 176.81W, h0km, mb3.9/3, mbmtp3.9/3, Error ellipse: s-maj=175.3km s-min=106.0km az=154.0, Fiji Islands region

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

NEIC 20 17:47:35.6, 1.0, 55.97N, 0.09, 149.2W, 0.1, h9km, 7km, ML3.5/44, ML3.4(AEIC), Error ellipse: s-maj=13.0km s-min=8.0km az=163.0

IDC 20 17:47:37.3, 2.4, 55.97N, 149.49W, h0km, mb3.4/3, mbmtp3.3/6, ML3.1/3, MS2.8/1, Error ellipse: s-maj=37.1km s-min=32.0km az=157.0

AEIC 20 17:47:40.8, 0.9, 55.99N, 0.10, 149.22W, 0.10, h12km, 7km, Error ellipse: s-maj=14.4km s-min=7.5km az=170.0

ISC 20 17:47:37.6, 1.1, 56.09N, 0.08, 149.33W, 0.05, h10km, n165, s190/165, mbmt3.5/3, Gulf of Alaska

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

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

BMRM Bremner River 5.48 25 Pn 17 48 58.7 -0.6

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

GHO Glory Hole Cre 5.70 2 Pn 17 49 01.9 -0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like N19K, KILOA CREEK, etc.

N17K	comp=Z,1.0nm,1.4s Nushagak Hills baz=273	25.77	54	P	P	18 51 17.5 +0.4	RND RND	29.55	47	P	P	18 51 50.2 -0.5	L29M	comp=Z,7.0nm,1.1s L29M baz=283,SNR=5.4	34.39	47	P	P	18 52 32.9 0.0
O17K	Kolliganek Bris baz=271	25.86	56	P	P	18 51 19.2 +1.4	E24K E24K	29.73	38	P	I Amb	18 51 52.3 +0.1 18 51 53.0	M29M M29M	comp=Z,2.5nm,0.6s Somme Creek	34.40	48	P	I Amb	18 52 34.0 +0.9 18 52 34.5
C19K	Lookout Ridge	25.93	34	P	I Amb	18 51 18.2 -0.2	E24K Your Creek	29.73	38	P	P	18 51 52.0 -0.2	M29M	comp=Z,2.5nm,0.6s Somme Creek	34.40	48	P	P	18 52 32.9 -0.2
C19K	comp=Z,8.1nm,0.9s Lookout Ridge	25.93	34	P	P	18 51 18.9 +0.5	MDM Murphy Dome	29.76	44	P	I Amb	18 51 52.1 -0.4 18 51 53.8	G30M G30M	comp=Z,2.5nm,0.6s tAoh Zrail Nji tAoh Zrail Nji baz=279	34.47	39	P	P	18 52 33.7 +0.1 18 52 33.8 +0.2
L18K	Granite Mounta	25.99	50	P	P	18 51 18.2 -0.7	WRH Wood River Hill	29.83	45	P	P	18 51 53.6 +0.5	K29M K29M	Barlow Dome Barlow Dome	34.50	45	P	P	18 52 34.0 0.0 18 52 34.4 +0.4
L18K	Granite Mounta baz=270	25.99	50	P	P	18 51 19.2 +0.2	H24K Noodor Dome	29.89	42	P	P	18 51 53.0 -1.6	F30M Barrier River	34.55	38	P	P	18 52 34.7 +0.5	
F19K	Shaleruckik Mo	26.01	39	P	P	18 51 18.5 -0.6	F24K F24K	29.92	39	P	I Amb	18 51 53.5 -0.4 18 51 54.0	YUK4 Talbot Arm	34.58	50	P	P	18 52 35.9 +1.2	
F19K	Shaleruckik Mo baz=259	26.01	39	P	P	18 51 18.8 -0.3	F24K Squaw Lake	29.92	39	P	P	18 51 53.5 -0.4 18 51 54.0	H11S1 WAKE ISLAND Hy	34.66	165	T	T	19 28 24.6	
J18K	Innoko River	26.02	47	P	P	18 51 19.1 -0.2	F24K Squaw Lake	29.92	39	P	P	18 51 53.5 -0.4 18 51 54.0	H11S3 WAKE ISLAND Hy	34.67	165	T	T	19 28 26.3	
J18K	Innoko River baz=267	26.02	47	P	P	18 51 19.6 +0.3	KNK Knik Glacier	29.93	51	P	P	18 51 54.0 0.0	H11S2 WAKE ISLAND Hy	34.67	165	T	T	19 28 24.0	
G19K	Purcell Mounta	26.16	41	P	P	18 51 20.0 -0.5	SML Sawmill	29.95	50	P	P	18 51 54.1 0.0	PNL Peninsula	34.68	53	P	P	18 52 36.0 +0.6	
D19K	Kuna River	26.27	36	P	I Amb	18 51 21.1 -0.4	CCB Clear Creek Bu	29.95	45	P	I Amb	18 51 53.9 -0.2 18 51 54.6	I30M Mount Dempster	34.71	43	P	I Amb	18 52 35.7 -0.1 18 52 36.5	
D19K	comp=Z,8.0nm,1.1s Kuna River	26.27	36	P	P	18 51 21.2 -0.3	POKR Poker Plat Res	30.09	44	P	P	18 51 55.0 -0.4	I30M Mount Dempster	34.71	43	P	P	18 52 36.1 +0.4	
H19K	Roundabout Mou	26.33	42	P	P	18 51 21.9 -0.1	HDA Harding Lake	30.33	45	P	I Amb	18 51 57.5 0.0	YUK6 Outpost Mounta	34.82	50	P	P	18 52 37.1 +0.3	
H19K	Roundabout Mou baz=263	26.33	42	P	P	18 51 21.2 -0.7	IL31 IL31	30.34	44	P	I Amb	18 51 57.2 -0.3 18 51 58.1	J30M Hart River	34.86	44	P	P	18 52 36.5 -0.5	
E19K	Redstone River	26.35	38	P	I Amb	18 51 22.1 0.0	IL31 IL31	30.34	44	P	I Amb	18 51 57.2 -0.3 18 51 58.1	O29M Mount Kennedy	34.89	51	P	P	18 52 38.2 +0.9	
E19K	Redstone River baz=258	26.35	38	P	P	18 51 22.1 0.0	ILAR Eielson Array	30.34	44	P	P	18 51 56.8 -0.7 18 51 57.2 -0.3	G31M Satah River	35.24	39	P	I Amb	18 52 40.0 -0.1 18 53 01.8	
E19K	Redstone River baz=258	26.35	38	P	P	18 51 22.1 0.0	ILAR Eielson Array	30.34	44	P	P	18 51 56.8 -0.7 18 51 57.2 -0.3	G31M Satah River	35.24	39	P	I Amb	18 52 40.0 -0.1 18 53 01.8	
N18K	Kilae Creek	26.40	53	P	I Amb	18 51 23.2 +0.5	ILAR Eielson Array	30.34	44	P	P	18 51 56.8 -0.7 18 51 57.2 -0.3	G31M Satah River	35.24	39	P	I Amb	18 52 40.0 -0.1 18 53 01.8	
N18K	comp=Z,8.5nm,1.4s Kilae Creek	26.40	53	P	P	18 51 23.5 +0.8	SCM Sheep Creek Mo	30.41	50	P	P	18 51 58.8 +0.5	HYT Haines Junctio	35.25	50	P	P	18 52 41.3 +0.9 18 52 41.4 +1.0	
M18K	Stony River	26.40	52	P	P	18 51 23.3 +0.6	D25K Kavik River	30.59	35	P	P	18 51 59.1 -0.6	INX Inuvik	35.29	37	P	P	18 52 40.6 +0.2 18 52 40.0 -0.5	
J19K	Poorman	26.54	46	P	P	18 51 22.4 -1.5	D25K Kavik River	30.59	35	P	P	18 51 59.4 -0.3	INX Inuvik	35.29	37	P	P	18 52 40.6 +0.2 18 52 40.0 -0.5	
J19K	Poorman baz=267	26.54	46	P	P	18 51 23.7 -0.2	G25K Bearman Lake	30.60	40	P	P	18 52 00.0 +0.2	INX Inuvik	35.29	37	P	P	18 52 40.6 +0.2 18 52 40.0 -0.5	
Q17K	Contact Creek	26.63	59	P	P	18 51 25.6 +0.7	H25L Birch Creek	30.72	41	P	P	18 52 01.4 +0.5	H31M Peel River	35.43	41	P	P	18 52 41.8 +0.1	
P18K	Big Mountain, baz=277	26.84	56	P	P	18 51 27.4 +0.7	F25K Christian Rive	30.79	39	P	P	18 52 01.9 +0.4	N31M Braeburn, Yuko	35.87	49	P	I Amb	18 52 46.7 +1.2 18 52 47.6	
F20K	Avaraart Lake	26.85	39	P	P	18 51 25.8 -0.7	E25K Arctic Village	30.82	38	P	P	18 52 02.3 +0.5	N31M Braeburn, Yuko	35.87	49	P	I Amb	18 52 46.7 +1.2 18 52 47.6	
F20K	Avaraart Lake baz=261	26.85	39	P	P	18 51 26.1 -0.5	E25K Arctic Village	30.82	38	P	P	18 52 02.2 +0.4	Q30N Mendenhall	35.93	50	P	I Amb	18 52 47.2 +1.1 18 52 47.8	
L19K	White Mountain	26.85	50	P	P	18 51 26.7 0.0	PRP Porcupine Dome	30.87	43	P	P	18 52 02.3 -0.1	Q30N Mendenhall	35.93	50	P	I Amb	18 52 47.2 +1.1 18 52 47.8	
D20K	Etiulik River	26.86	35	P	P	18 51 26.1 -0.6	PRP Porcupine Dome	30.87	43	P	P	18 52 02.2 -0.2	Q30N Mendenhall	35.93	50	P	I Amb	18 52 47.2 +1.1 18 52 47.8	
E20K	Nigu River	26.90	37	P	P	18 51 26.7 -0.5	K24K Dorinely Dome	30.89	46	P	P	18 52 02.5 0.0	PLBC Pleasant Camp	36.21	52	P	P	18 52 49.0 +0.6	
H20K	Anotleneega Mo	26.98	43	P	P	18 51 27.6 -0.2	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	M31M Drury Creek, Y	36.29	47	P	P	18 52 49.9 +0.8	
B20K	Meade River	27.01	33	P	P	18 51 27.7 -0.3	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	WHY Whitehorse	36.53	50	P	I Amb	18 52 52.7 +1.4 18 52 53.2	
B20K	Meade River baz=253,SNR=8.3	27.01	33	P	P	18 51 27.9 -0.2	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	WHY Whitehorse	36.53	50	P	I Amb	18 52 52.7 +1.4 18 52 53.2	
N19K	Bonanza Creek	27.08	53	P	P	18 51 30.1 +1.3	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	WHY Whitehorse	36.53	50	P	I Amb	18 52 52.7 +1.4 18 52 53.2	
I20K	Naaghedeneel	27.09	44	P	P	18 51 28.1 -0.6	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	WHY Whitehorse	36.53	50	P	I Amb	18 52 52.7 +1.4 18 52 53.2	
J20K	Nowinta River	27.20	46	P	P	18 51 29.4 -0.3	J25K Salcha River,	31.00	45	P	I Amb	18 52 01.9 -1.5 18 52 02.9	WHY Whitehorse	36.53	50	P	I Amb	18 52 52.7 +1.4 18 52 53.2	
J20K	Nowinta River baz=268	27.20	46	P	P	18 51 30.2 +0.5	C26K Camden Bay	31.14	34	P	P	18 52 04.7 +0.2	A36M Sachs Harbour	37.43	30	P	P	18 52 59.0 +0.4 18 52 58.9 +0.4	
K20K	Telida	27.21	47	P	P	18 51 29.8 -0.1	BMAR Burnt Mountain	31.19	39	P	P	18 52 05.5 +0.4	A36M Sachs Harbour	37.43	30	P	P	18 52 59.0 +0.4 18 52 58.9 +0.4	
K20K	Telida baz=270	27.21	47	P	P	18 51 30.0 +0.2	Q23K Middleton Isla	31.31	55	P	P	18 52 07.7 +1.6	P33M Teslin, Yukon	37.65	50	P	P	18 53 01.4 +0.8	
L20K	Farewell, AK	27.30	49	P	P	18 51 31.8 +1.1	F26K Sheenjik River	31.36	39	P	P	18 52 05.9 -0.6	C36M Paulatuk	38.42	34	P	P	18 53 06.9 0.0 18 53 06.8 -0.1	
R18K	Karluik	27.50	60	P	P	18 51 33.9 +1.4	EYAK Kordova Ski Ar	31.38	52	P	P	18 52 07.8 +1.1	C36M Paulatuk	38.42	34	P	P	18 53 06.9 0.0 18 53 06.8 -0.1	
C21K	Knifeblade Rid	27.60	35	P	P	18 51 33.7 +0.4	G26K Porcupine Rive	31.52	40	P	P	18 52 07.9 +0.1	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
G21K	Allakaket	27.64	41	P	P	18 51 34.0 +0.3	C27K Jago River	31.54	35	P	P	18 52 07.9 -0.2	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
G21K	Allakaket baz=264	27.64	41	P	P	18 51 33.9 +0.2	SCRK Sand Creek	31.66	46	P	I Amb	18 52 08.8 -0.5 18 52 09.5	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
M20K	Styx River	27.67	51	P	P	18 51 34.8 +0.7	SCRK Sand Creek	31.66	46	P	I Amb	18 52 08.8 -0.5 18 52 09.5	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
F21K	Alatna River	27.74	39	P	P	18 51 34.9 +0.4	SCRK Sand Creek	31.66	46	P	I Amb	18 52 08.8 -0.5 18 52 09.5	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
E21K	Killik River	27.75	36	P	P	18 51 34.6 -0.1	SCRK Sand Creek	31.66	46	P	I Amb	18 52 08.8 -0.5 18 52 09.5	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
B21K	Ikpkpuk River	27.77	34	P	P	18 51 34.4 -0.3	SCRK Sand Creek	31.66	46	P	I Amb	18 52 08.8 -0.5 18 52 09.5	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
B21K	Ikpkpuk River baz=272	27.77	34	P	P	18 51 34.9 +0.2	E27K Coleen River	32.31	38	P	P	18 52 15.1 +0.3	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
S1I	Sitkinak Islan	27.84	62	P	P	18 51 37.8 +2.2	M26K Nabesna, AK	32.34	49	P	P	18 52 16.0 +0.9	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
H21K	Melozitna Rive	27.85	43	P	P	18 51 35.0 -0.6	G27K Doyon Strip	32.36	40	P	P	18 52 15.5 +0.2	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
H21K	Melozitna Rive baz=266	27.85	43	P	P	18 51 35.2 -0.4	G27K Doyon Strip	32.36	40	P	P	18 52 15.5 +0.2 18 52 15.1 -0.1	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
A22K	Sinclair Lake	28.00	31	P	P	18 51 36.6 -0.2	H27K Steamboat Moun	32.46	41	P	P	18 52 15.9 -0.3	R33M Jennings River	38.82	51	P	I Amb	18 53 12.3 +1.8 18 53 13.0	
PPLA	Purkeyille	28.07	48	P	P	18 51 37.7 0.0	I27K Kandik River	32.49	42	P	P	18 52 16.5 +0.1	R33M Jennings River						

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BORG Borgarnes, EYMN Ely, S22A 4UR Ranch, Cre, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like WSAR Wadi Sarin, KIS Kishinev, VRI Vrinceva, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KULM Kulim, IPM Ipoh, CM31 Chiang Mai, etc.

IDC 20 18:46:12.7, 2.0, 7.55S, 113.41E, h0km, mb3.4/14, mbtmp3.5/5, MS3.0/1, Error ellipse: s-maj=144.1km s-min=20.0km az=51.0, Jawa

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

IDC 20 18:47:25.4, 0.9, 33.66N, 45.72E, h0km, mb3.9/14, mbtmp3.8/18, ML3.5/4, MS3.1/2, Error ellipse: s-maj=19.9km s-min=14.2km az=168.0

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

IDC 20 18:47:26.4, 0.5, 33.62N, 45.67E, h9km, mb3.8/17, mbtmp3.8/18, ML3.5/4, MS3.1/2, Error ellipse: s-maj=17.8km s-min=7.0km az=160.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, NOA NORPAR Array B, etc.

IDC 20 18:47:26.4, 0.5, 33.62N, 45.67E, h10km, mb3.9/14, mbtmp3.8/18, ML3.5/4, MS3.1/2, Error ellipse: s-maj=19.9km s-min=14.2km az=168.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like GLG1 Gilan-e-Gharb, IBDR Badra, KGS1 Ghess-e-Shirin, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saumlaki, SOEI Soe, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BRVK Borovoye, ABKAR Abkulak array, WRA Warramunga Arr, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like IBZA Bozab, SNOR Sonqor, Kerman, IDOB Doab, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

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

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ALN Alexandroupoli, MLR Muntele Ros, H042 CROZET ISLANDS, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like HSAM Samen, MAHB Mahabad, CABQ Abqarm-Qazvin, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like HNR Honiara, WRKA Warakuma, QIS Mount Isa, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like HIL04 Ash Shaalanyia, HIL05 Ash Shaalanyia, DSBU Dashiht - Bueha, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AS01 Alice Springs, WRKA Warakuma, QIS Mount Isa, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like RONA Rosalia, SOKA Soka, GEC2 GERESE Array S, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like DWDS AI Duwadimi, DWDS AI Duwadimi, BJDH Bishah, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PBA Port Blair, PBA Port Blair, LHMI Lhok Sumawe, etc.

IDC 20 18:48:02.5, 1.0, 7.85S, 128.41E, h0km, mb3.9/14, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=50.5km s-min=22.2km az=74.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BOSA Boshof, HFS Hagfors, STAL STALIGAL, etc.

20d 19h

Table with columns for station code, name, frequency, and signal strength. Includes stations like WTK, TWK, JJI, JJJ, CHN1, etc.

2018 JUN

Table with columns for station code, name, frequency, and signal strength. Includes stations like KNMB, ZPLA, DSXP, JKE, etc.

1166

Table with columns for station code, name, frequency, and signal strength. Includes stations like XLT, CRAI, MDJ, etc.

KKAR	Kararay Array	46.32 307	P	P	19 27 21.8	-0.2
KKAR	Kararay Array	46.32 307	P	P	19 27 22.0	0.0
KKAR			Iamb	Iamb	19 27 23.4	
CHGR	Chuyangaron	46.99 301	P	P	19 27 27.4	0.0
KBLL	Kabul	47.09 296	P	P	19 27 28.7	+0.3
SIMJ	Simiganj	47.11 301	P	P	19 27 28.4	0.0
SIMJ			Iamb	Iamb	19 27 58.9	
MTSU	Mount Sunrise	47.13 151	P	P	19 27 30.6	+2.1
QIS	Mount Isa	47.45 158	P	P	19 27 30.5	0.0
TIXI	Tiksi	47.79 3 LR	LR	LR	19 50 12.6	
SHEM	Shemys Is, Ala	48.33 40 LR	LR	LR	19 47 01.2	
BVAR	Borovoye	48.39 321 P	P	P	19 27 36.6	-1.3
BVAR			PcP	PcP	19 29 03.3	-0.7
BVAR			LR	LR	19 50 29.3	
BRVK	Borovoye	48.46 321 P	P	P	19 27 38.0	-0.4
BRVK			Iamb	Iamb	19 27 51.8	
AS31	Alice Springs	48.76 166 P	P	P	19 27 41.7	+0.7
ASAR	Alice Springs	48.76 166 P	P	P	19 27 41.8	+0.7
ASAR			PcP	PcP	19 29 05.6	-0.1
AS01	Alice Springs	48.77 166 P	P	P	19 27 42.1	+1.0
WRKA	Warakura	49.14 173 P	P	P	19 27 44.8	+0.9
NRIR	Noril'sk	49.79 345 LR	LR	LR	19 50 56.0	
OOD	Oodnadatta	53.14 165 P	P	P	19 28 14.8	+0.9
ABKAR	Akbulak array	54.23 314 P	P	P	19 28 21.2	-0.4
ABKAR	Akbulak array	54.23 314 Iamb	Iamb	Iamb	19 28 35.2	
INKA	Innaminka	54.49 160 P	P	P	19 28 25.6	+1.9
QLP	Quilpie	54.63 156 P	P	P	19 28 27.4	+2.6
FORT	Forrest	54.79 174 P	P	P	19 28 25.8	-0.1
MULG	Mulgathing	55.19 168 P	P	P	19 28 29.3	+0.5
AKTO	Aktymbek	55.55 316 LR	LR	LR	19 54 11.2	
GEYT	Alibeck	55.70 301 P	P	P	19 28 31.8	-0.7
GEYT			Iamb	Iamb	19 28 34.6	
GEYT	Alibeck	55.70 301 P	P	P	19 28 33.4	+0.8
ARU	Arti	55.80 323 LR	LR	LR	19 53 37.9	
LCRK	Leigh Creek	56.31 163 P	P	P	19 28 37.9	+1.1
BBOO	Bucklebo	58.05 166 P	P	P	19 28 50.1	+1.0
BBOO	Bucklebo	58.05 166 P	P	P	19 28 49.9	+0.8
STKA	Stephens Creek	58.60 161 P	P	P	19 28 54.3	+1.3
STKA	Stephens Creek	58.60 161 P	P	P	19 28 53.6	+0.6
STKA			Iamb	Iamb	19 28 54.6	
STKA	Stephens Creek	58.60 161 P	P	P	19 28 53.7	+0.7
HTT	Hallett	59.32 164 P	P	P	19 28 59.4	+1.4
CMSA	Cobar Meteorol	59.65 157 P	P	P	19 29 01.9	+1.7
KIRV	Kirov	60.88 325 LR	LR	LR	19 57 27.9	
ANM	Nome	61.00 28 P	P	P	19 29 09.2	+0.1
D17K	Noatak River	62.19 25 P	P	P	19 29 16.9	-0.1
C17K	Delong Mountai	62.22 24 P	P	P	19 29 17.7	+0.5
DZM	Mont Dumac	62.84 133 eLR	LR	LR	19 47 50.9	
M15K	Kasigluk River	63.05 33 P	P	P	19 29 22.6	-0.2
ARPS	Mount Arapiles	63.25 162 P	P	P	19 29 25.5	+1.1
H17K	Granite Mounta	63.36 28 P	P	P	19 29 24.7	-0.2
N15K	Kwethluk River	63.36 33 P	P	P	19 29 25.6	+0.6
F18K	Selawik	63.48 26 P	P	P	19 29 25.7	+0.1
O15K	Ungalthiuk R	63.54 34 P	P	P	19 29 26.8	+0.6
C19K	Lookout Ridge	63.56 23 P	P	P	19 29 26.4	+0.2
J17K	VABM Dome	63.74 29 P	P	P	19 29 27.7	+0.2
S14K	Fog Glacier	63.87 37 P	P	P	19 29 28.3	-0.3
D19K	Kuna River	64.08 24 P	P	P	19 29 28.8	-0.8
L17K	Donlin	64.14 31 P	P	P	19 29 30.6	+0.4
F19K	Shaleruckik Mo	64.22 26 P	P	P	19 29 31.0	+0.5
O16K	Kokwok River B	64.40 34 P	P	P	19 29 31.9	+0.2
E19K	Redstone River	64.42 25 P	P	P	19 29 32.0	+0.2
B20K	Meade River	64.42 22 P	P	P	19 29 32.7	+0.9
BRAT	Ballarat	64.58 161 P	P	P	19 29 34.5	+1.4
A21K	Barrow	64.61 21 P	P	P	19 29 32.8	-0.2
D20K	Etivluk River	64.63 24 P	P	P	19 29 32.7	-0.5
E20K	Nigu River	64.80 24 P	P	P	19 29 34.5	+0.2
J18K	Innoko River	64.80 29 P	P	P	19 29 34.6	+0.2
H19K	Roundabout Mou	64.80 27 P	P	P	19 29 34.4	+0.1
H19K			Iamb	Iamb	19 29 52.3	
H19K	Roundabout Mou	64.80 27 P	P	P	19 29 34.7	+0.4
F20K	Avarart Lake	65.02 25 P	P	P	19 29 34.0	-1.8
TOO	Toolangi	65.07 160 P	P	P	19 29 37.8	+1.4
TOO	Toolangi	65.07 160 P	P	P	19 29 37.9	+1.5
A22K	Sinclair Lake	65.15 21 P	P	P	19 29 36.1	-0.4
J19K	Poorman	65.25 29 P	P	P	19 29 37.3	0.0
C21K	Knifeflade Rid	65.28 23 P	P	P	19 29 37.3	-0.1
B21K	Ikkipuk River	65.32 23 P	P	P	19 29 38.4	+0.8
B21K			Iamb	Iamb	19 29 38.5	
B21K	Ikkipuk River	65.32 23 P	P	P	19 29 37.3	-0.3
M18K	Stony River	65.36 32 P	P	P	19 29 37.4	-0.6
H20K	Antoleneega Mo	65.46 27 P	P	P	19 29 38.1	-0.6
E21K	Killik River	65.61 24 Iamb	Iamb	Iamb	19 29 40.9	
E21K	Killik River	65.61 24 P	P	P	19 29 39.5	-0.1
GNI	Garni	65.67 305 LR	LR	LR	20 04 24.0	
GNI			LR	LR	19 29 40.7	0.0
B22K	Teshekuk Lake	65.69 22 P	P	P	19 29 39.4	-0.6
L19K	White Mountain	65.75 31 P	P	P	19 29 39.9	-0.8
J20K	Nowinta River	65.88 28 P	P	P	19 29 41.6	+0.3
F21K	Alatna River	65.89 25 P	P	P	19 29 41.3	-0.1
G21K	Allakaket	65.94 26 Iamb	Iamb	Iamb	19 29 42.6	
G21K	Allakaket	65.94 26 P	P	P	19 29 41.8	+0.1
K20K	Telida	65.99 29 P	P	P	19 29 41.2	-0.9
D22K	Ayikyak River	66.05 23 P	P	P	19 29 42.5	+0.1
D22K			Iamb	Iamb	19 29 43.4	
D22K	Ayikyak River	66.05 23 P	P	P	19 29 42.2	-0.2
ONI	Oni	66.14 308 P	P	P	19 29 44.2	+0.7
H21K	Melozitna Rive	66.30 27 P	P	P	19 29 43.9	-0.1
H21K			Iamb	Iamb	19 29 45.5	

H21K	Melozitna Rive	66.30 27 P	P	P	19 29 44.3	+0.2
KBZ	Khabaz	66.31 309 P	P	P	19 29 44.2	-0.3
KBZ			LR	LR	20 02 16.8	
F22K	John River	66.36 25 P	P	P	19 29 45.0	+0.6
KIV	Kislovodsk	66.42 309 P	P	P	19 29 45.6	+0.3
KIV	Kislovodsk	66.42 309 P	P	P	19 29 45.7	+0.3
C23K	Hiklik River	66.69 22 P	P	P	19 29 47.0	+0.5
Q19K	Cape Douglas,	66.74 34 P	P	P	19 29 46.7	-0.3
D23K	Nanushuk River	66.76 23 P	P	P	19 29 46.7	-0.3
H22K	Ishlaltina Cre	66.86 26 P	P	P	19 29 47.3	-0.3
CAST	Castle Rocks	66.88 29 P	P	P	19 29 48.2	+0.4
CAST	Castle Rocks	66.88 29 P	P	P	19 29 47.7	-0.1
TOLK	Toolik Lake Re	67.20 23 Iamb	Iamb	Iamb	19 30 19.9	
TOLK	Toolik Lake Re	67.20 23 P	P	P	19 29 49.3	-0.5
MLY	Manley	67.24 27 P	P	P	19 29 50.5	+0.4
MLY	Manley	67.24 27 P	P	P	19 29 50.1	0.0
BPAW	Bear Paw Mtn.	67.26 28 P	P	P	19 29 50.6	+0.4
E23K	Chandalar	67.27 24 P	P	P	19 29 50.6	+0.4
G23K	Bananza Creek	67.29 26 P	P	P	19 29 50.5	0.0
G23K	Bananza Creek	67.29 26 P	P	P	19 29 50.7	+0.2
D24K	Happy Valley	67.40 23 P	P	P	19 29 51.1	+0.1
D24K			Iamb	Iamb	19 29 56.8	
D24K	Happy Valley	67.40 23 P	P	P	19 29 51.6	+0.6
H23K	Yukon River	67.62 26 P	P	P	19 29 52.9	+0.4
H23K			Iamb	Iamb	19 29 53.9	
H23K	Yukon River	67.62 26 P	P	P	19 29 53.1	+0.7
E24K	Your Creek	67.68 24 P	P	P	19 29 52.9	0.0
E24K			Iamb	Iamb	19 29 54.2	
E24K	Your Creek	67.68 24 P	P	P	19 29 52.9	0.0
SUA	Susitna One	67.78 31 P	P	P	19 29 53.8	+0.1
F24K	Squaw Lake	68.00 25 P	P	P	19 29 54.7	-0.1
F24K			Iamb	Iamb	19 29 56.6	
F24K	Squaw Lake	68.00 25 P	P	P	19 29 55.1	+0.3
NEA2	Nenana	68.01 28 P	P	P	19 29 54.2	-0.7
NEA2			Iamb	Iamb	19 29 55.4	
NEA2	Nenana	68.01 28 P	P	P	19 29 55.0	+0.1
GURO	Guroymak-BITLI	68.07 304 P	P	P	19 29 55.5	-0.5
GURO			Iamb	Iamb	19 29 57.7	
D25K	Kavik River	68.24 22 P	P	P	19 29 55.6	-0.7
D25K			Iamb	Iamb	19 30 12.7	
D25K	Kavik River	68.24 22 P	P	P	19 29 56.5	+0.2
MDM	Murphy Dome	68.30 27 P	P	P	19 29 56.0	-0.7
MDM			Iamb	Iamb	19 29 57.5	
RND	Reindeer	68.31 29 P	P	P	19 29 55.5	-1.4
RND			Iamb	Iamb	19 30 06.4	
MSVF	Nonsavu	68.47 122 P	P	P	19 29 59.1	+0.6
PMR	Palmer	68.52 31 P	P	P	19 29 58.5	+0.4
C26K	Camden Bay	68.63 22 P	P	P	19 29 59.6	+1.0
E25K	Arctic Village	68.75 24 P	P	P	19 29 01.1	+0.6
G25K	Bearman Lake	68.82 25 P	P	P	19 30 00.6	+0.7
F25K	Christian River	68.83 24 P	P	P	19 29 59.7	-0.4
SML	Sawmill	68.85 31 P	P	P	19 29 59.9	-0.4
ILAR	Etelson Array	68.90 27 P	P	P	19 29 58.6	-1.9
H25L	Birch Creek	69.03 26 P	P	P	19 30 01.1	-0.1
C27K	Jago River	69.10 22 P	P	P	19 30 01.9	+0.3
M23K	Glacier View	69.14 31 P	P	P	19 30 01.9	-0.1
BMAR	Burnt Mountain	69.26 24 P	P	P	19 30 02.9	+0.2
RAYN	Ar Rayn	69.30 287 P	P	P	19 30 03.4	-0.4
RAYN			Iamb	Iamb	19 30 05.1	
SCM	Sheep Creek Mo	69.31 30 P	P	P	19 30 02.8	-0.4
F26K	Sheenjek River	69.37 24 P	P	P	19 30 03.2	-0.1
J25K	Salcha River	69.57 27 P	P	P	19 30 04.5	-0.2
K24K	Donnelly Dome	69.58 28 P	P	P	19 30 05.0	+0.3
G26K	Porcupine Rive	69.67 25 P	P	P	19 30 05.8	+0.6
M24K	Tolsona, Glenn	69.78 30 P	P	P	19 30 05.9	-0.2
SPITS	Spitsbergen Ar	69.83 348 LR	LR	LR	20 04 50.7	
ARCES	ARCES Array B	70.03 338 P	P	P	19 30 07.5	+0.2
ARCES			LR	LR	20 05 47.2	
D27M	Malcolm River	70.13 22 P	P	P	19 30 07.6	-0.5
E27K	Coleen River	70.19 23 P	P	P	19 30 08.5	+0.1
SCRK	Sand Creek	70.31 28 P	P	P	19 30 08.9	-0.4
I26K	Coal Creek Min	70.32 26 P	P	P	19 30 08.3	-0.9
J26L	Joseph Creek	70.36 27 P	P	P	19 30 09.3	-0.2
G27K	Doyon Strip	70.52 25 P	P	P	19 30 10.2	-0.3
H27K	Steamboat Moun	70.73 25 P	P	P	19 30 11.2	-0.5
E28M	Babbage River	70.80 23 P	P	P	19 30 12.1	-0.1
E28M	Babbage River	70.80 23 P	P	P	19 30 12.3	+0.2
I27K	Kandik River	70.86 26 P	P	P	19 30 12.7	+0.1
F28M	Old Crow	70.97 24 P	P	P	19 30 12.9	-0.3
F28M			Iamb	Iamb	19 30 14.4	
F28M	Old Crow	70.97 24 P	P	P	19 30 13.2	+0.1
K27K	Chicken	71.11 28 P	P	P	19 30 13.7	-0.3
M26K	Nabesna, AK	71.15 29 Iamb	Iamb	Iamb	19 30 20.7	
M26K	Nabesna, AK	71.15 29 P	P	P	19 30 14.2	-0.2
EGAK	Eagle	71.28 27 P	P	P	19 30 14.4	-0.6
E29M	Blow River	71.44 23 P	P	P	19 30 15.8	-0.2
L27K	Beaver Creek,	71.49 29 P	P	P	19 30 16.5	+0.1
I28M	Aliner Creek					

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Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like X16A, 113A, DELO, LBHN, S22A, LONY, Q24A, WUAZ, WUAZ, I37A, IKP, BC3, ECSD, ECSD, ECSD, W13A, IRM, HMU, V12A, LCMT, CCUT, RWWY, EDW2, K22A, K22A, RSSD, MPMC, EYMN, DUG, R11B, CWC, PDAR, E28A, AGMN, AGMN, AGMN, NV11, ELK, NVAR, NVAR, RLMT, LAO, LAO, LAO, BMN, YERR, ULM, ULM, ULM, PAHR, PAHR, DGMT, HLID, HLID, BOZ, BOZ, MFID, MFID, ORV, ORV, WVOR, EGMT, BPMT, MSCO, MSCO, I07A, I07A, YB, F10A, PINE, NEW, EDM, FCC, DBIC, YKA, SNA, SNA, SNA, SNA, TOAD, T35M, U33K, DLBC, DLBC, S34M, R33M, SIT, QSPA, QSPA, P33M, P33M, P32M, P32M.

2018 JUN

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SKAG, PLBC, WHY, O30N, M31M, TOR, TOR, N31M, H30T, N30M, YUK6, YUK4, ESDC, ESDC, ESDC, M29M, M29M, L29M, L29M, L29M, J30M, J30M, H31M, H31M, K29M, K29M, YUK3, YUK3, I30M, I30M, SUMG, SUMG, G31M, G31M, G31M, F31M, F31M, M27K, M27K, M27K, EPYK, EPYK, I29M, I29M, INK, INK, BCAR, L27K, L27K, A36M, A36M, M26K, M26K, F30M, F30M, BMRM, BMRM, H29M, H29M, I28M, I28M, G29M, G29M, G29M, EYAK, EYAK, K27K, K27K, EGAK, EGAK, KLU, KLU, KLU, I27K, I27K, E29M, E29M, SCRK, SCRK, SCRK, J26L, J26L, J26L, H27K, H27K, H27K, PAXK, PAXK, F28M, F28M, I26K, I26K, G27K, G27K, SCM, SCM, E28M, E28M, K24K, K24K, M23K, M23K, J25K, J25K, J25K, SML, SML, DHY, DHY, E27K, E27K, E27K, G26K, G26K, PRP, PRP, HDA, HDA, D27M, D27M, ILAR, ILAR, ILAR, H25L, H25L, Q20K, Q20K, F26K, F26K.

20d 19h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like WRH, SUA, MCK, G25K, F25K, NEA2, H24K, E25K, E25K, SKT, C27K, P19K, I23K, I23K, B26K, B26K, F24K, F24K, M20K, M20K, MLY, MLY, CAST, CAST, D25K, D25K, Q17K, Q17K, E24K, E24K, E24K, N19K, N19K, G23K, G23K, G23K, L20K, L20K, H22K, H22K, COLD, COLD, K20K, K20K, TOLK, TOLK, L19K, L19K, N18K, N18K, H21K, H21K, J20K, J20K, D23K, D23K, F22K, F22K, N17K, N17K, P16K, P16K, G21K, G21K, C23K, C23K, L18K, L18K, J19K, J19K, S14K, S14K, H20K, H20K, H20K, J18K, J18K, E21K, E21K, H19K, H19K, M16K, M16K, K17K, K17K, B22K, B22K, C21K, C21K, G19K, G19K, B21K, B21K, S12K, S12K, E20K, E20K, H18K, H18K, E19K, E19K, F19K, F19K, D20K, D20K, A22K, A22K, G18K, G18K, N14K, N14K, D19K, D19K, M14K, M14K, I17K, I17K, F18K, F18K, C19K, C19K, E18K, E18K, F17K, F17K, H16K, H16K, G16K, G16K, E17K, E17K, A19K, A19K, F15K, F15K, C16K, C16K, H11N3, H11N3, H11N2, H11N2, H11N1, H11N1, H11S2, H11S2, H11S1, H11S1, H11S3, H11S3, BVAR, BVAR.

CRJC	246nm,0.8s,4um	S	Sn	20 14 26.2	-1.9	
NANC3	Nancito, Chiri	5.61 284	eP	Pn	20 13 30.7	-2.2
GUVC	San Jose del G	5.63 140	P	Pn	20 13 35.8	+2.6
GCUF	Volcan Galeras	5.76 191	P	Pn	20 13 39.2	+3.9
SDV	Santo Domingo	5.88 70	Pn	Pn	20 13 36.9	+0.3
SDV	Santo Domingo	5.88 70	P	Pn	20 13 39.1	+2.4
SDV	214nm,0.7s,baz=238,slow=10,SNR=20		Sn	20 14 45.6	+1.8	
SDV	comp=Z,2um,18.1s,baz=238,slow=42		LR	20 16 20.9		
SDV	Santo Domingo	5.88 70	P	Pn	20 13 38.9	+2.2
SDV	447nm,0.8s,4um		S	20 14 49.6	+5.8	
CHGR2	Aguaicate	6.19 289	eP	Pn	20 13 43.8	+2.9
PSM3	Paja de Sombre	6.29 287	eP	Pn	20 13 43.4	+1.2
LOMA3	Las Lomas, Chi	6.23 284	eP	Pn	20 13 38.7	-3.5
LOCO3	Loma Colorada,	6.31 284	eP	Pn	20 13 37.9	-4.5
URIC	Uribia, Colomb	6.33 41	P	Pn	20 13 45.1	+2.4
URIC	110nm,0.7s,2um		S	20 14 55.9	+1.2	
DVD	David	6.35 284	eP	Pn	20 13 45.2	+2.2
TULM	Tulcn-Chalpat	6.35 194	P	Pn	20 13 46.8	+3.3
TULM	Tulcn-Chalpat	6.35 194	P	Pn	20 13 49.3	+5.8
ECOC2	Palмира	6.49 286	eP	Pn	20 13 45.8	+0.7
BRUZ	Volcan	6.67 217	eP	Pn	20 13 47.0	+1.1
PTLC	Puerto Leguiza	6.85 168	P	Pn	20 13 58.7	+8.8
OTAV	Otavalu	7.00 199	P	Pn	20 13 54.9	+2.6
OTAV	Otavalu	7.00 199	P	Pn	20 13 58.0	+5.7
OTAV	Otavalu	7.00 199	eP	Pn	20 13 54.2	+0.2
LCR2	La Lucha 2	8.19 291	Pn	Pn	20 14 09.2	+0.7
BAUV	Ei Baul	8.36 76	Pn	Pn	20 14 10.1	-0.5
HATO	Hato, Curacao	8.87 53	P	Pn	20 14 16.2	-1.4
JTS	Las Juntas de	9.25 292	P	Pn	20 14 25.6	+2.7
JTS	5.7nm,0.7s,baz=106,slow=21,SNR=1.8		LR	20 18 10.3		
JTS	comp=Z,2um,18.4s,baz=106,slow=38		Sn	20 14 25.3	-1.3	
ESPN	Las Esperanzas	9.53 304	Pn	Pn	20 14 34.8	-0.4
ACON	Acopyapa	10.15 300	P	Pn	20 14 38.4	+3.2
BOAB	BOACOB BROADBAN	10.30 301	Pn	Pn	20 14 44.9	+0.8
PCRV	Puerto La Cruz	11.91 73	Pn	Pn	20 15 02.1	+2.7
PCRV	7.6nm,0.3s,baz=246,slow=10.0,SNR=5.1		S	20 17 10.9	-1.1	
PCRV	27nm,0.8s,baz=202,slow=22,SNR=2.0		LR	20 20 56.4		
PCRV	comp=Z,566nm,20.5s,slow=44		LR	20 15 12.2	-0.9	
SDDR	Presas de Saban	12.92 21	Pn	Pn	20 15 14.8	+1.7
SDDR	Presas de Saban	12.92 21	P	Pn	20 15 13.8	+0.1
GTBY	Guantanamo Bay	12.98 359	Pn	Pn	20 15 13.5	-0.4
ATAH	Atahualpa	14.12 189	P	Pn	20 15 33.1	+3.2
ATAH	5.5nm,0.8s,baz=15,slow=12,SNR=2.6		LR	20 22 13.0		
AOPR	Arecibo Observ	14.64 38	LR	Pn	20 15 34.4	-2.3
IGPR	Interuniversit	14.77 41	Pn	Pn	20 15 36.9	-1.4
SJG	San Juan	14.84 41	Pn	Pn	20 15 35.3	-4.1
EMPR	Esperanza - Ma	14.88 39	Pn	Pn	20 15 38.8	-0.9
MITO3	Montecristo	14.89 301	P	Pn	20 15 40.1	-0.1
CZSB	Cruzeiro do Su	14.97 166	P	Pn	20 15 39.4	-1.6
GCPR	Guaynabo City	15.03 40	Pn	Pn	20 15 38.7	-3.2
GCPR	comp=Z,39nm,0.9s		Iamb	20 16 04.4		
HUMP	Col San Antoni	15.06 41	Pn	Pn	20 15 39.2	-3.1
HUMP	comp=Z,54nm,1.1s		Iamb	20 15 47.4	-1.1	
TEFE	Tefe	15.53 131	eP	Pn	20 16 00.9	+1.5
APG	El Apazote	16.11 301	P	Pn	20 15 55.2	-2.9
APG	comp=Z,0.4nm,0.3s,baz=105,slow=11,SNR=5.9		P	20 16 06.0		
BOAV	Boa Vista	16.28 105	Iamb	Iamb	20 16 06.0	
BOAV	comp=Z,89nm,1.5s		Iamb	20 16 06.0		
BOAV	Boa Vista	16.28 105	P	Pn	20 15 55.4	-2.8
TEIG	Tepeco	17.65 320	LR	Pn	20 23 02.1	-0.1
TEIG	comp=Z,234nm,21.2s,baz=158,slow=36		Pn	20 25 02.0		
NNA	Nana	18.79 182	LR	LR	20 25 02.0	
NNA	comp=Z,1um,20.8s,baz=355,slow=41		LR	20 16 34.2	-1.2	
ETMB	Extrema	19.39 149	P	Iamb	20 16 38.1	
ETMB	comp=Z,30nm,1.0s		Iamb	20 16 35.1	-0.2	
ETMB	Extrema	19.39 149	eP	P	20 16 44.3	-2.5
SAML	Samuel	20.43 140	P	P	20 16 52.4	+1.2
CMIG	Matias Romero	20.84 301	P	P	20 26 04.3	
CMIG	comp=Z,2.0nm,0.7s,baz=180,slow=3.0,SNR=2.5		P	20 26 04.3		
CMIG	comp=Z,675nm,19.1s,baz=185,slow=40		P	20 17 01.3	+1.5	
DWPF	Disney Wildern	21.65 347	P	P	20 17 15.3	-2.3
DWPF	baz=166		P	20 26 21.9		
ITTB	Itaituba	23.33 118	eP	P	20 17 26.3	-2.3
MDP	Montagnes des	23.53 93	LR	LR	20 17 36.1	
MDP	comp=Z,468nm,19.1s,baz=265,slow=36		LR	20 17 27.6	-1.0	
LPAZ	La Paz	24.41 161	P	Iamb	20 27 30.7	
LPAZ	comp=Z,46nm,1.3s		Iamb	20 17 32.1	-1.4	
LPAZ	La Paz	24.41 161	P	P	20 17 27.6	-1.0
LPAZ	comp=Z,14nm,1.0s,baz=344,slow=10,SNR=20		LR	20 27 30.7		
LPAZ	comp=Z,1um,20.2s,baz=330,slow=38		P	20 17 32.1	-1.4	
NPGB	Novo Progresso	25.02 123	eP	P	20 17 33.9	-1.0
MCBP	Macapa	25.18 106	eP	P	20 17 34.7	-1.9
VILB	Vilhena	25.36 141	P	P	20 17 36.6	0.0
VILB	Vilhena	25.36 141	eP	P	20 17 47.2	-1.9
PDRB	Porto dos Gas	26.74 133	eP	P	20 17 54.3	+1.3
GIGA	Godfrey	27.20 347	P	P	20 28 54.0	
SIV	San Ignacio	27.26 147	LR	LR	20 17 52.2	-1.9
SIV	comp=Z,1um,18.7s,baz=310,slow=37		P	20 18 02.9		
PB11	IPOC Station P	27.29 166	P	P	20 17 53.4	-1.2
PB11	comp=Z,22nm,0.8s		Iamb	20 18 01.0		
GO01	Chuzmiza	30.21 165	P	Iamb	20 18 00.1	+1.3
GO01	comp=Z,12nm,0.9s		Iamb	20 18 00.1	+1.3	
LRAL	Lakeview Retre	27.85 340	P	P	20 17 59.9	0.0
LRAL	baz=187		P	20 17 59.8	0.0	
PTLB	Pontes e Lacer	27.94 143	P	P	20 18 04.7	-0.1
PTLB	Pontes e Lacer	27.94 143	eP	P	20 18 04.4	-1.0
BBSD	Serra de San D	28.50 147	eP	P	20 18 12.5	
PB01	IPOC Station P	28.56 167	P	Iamb	20 18 10.3	-1.0
PB01	comp=Z,29nm,1.0s		Iamb	20 18 10.3	-1.0	
V53A	Saluda	29.25 349	P	P	20 18 10.2	-2.6
V53A	comp=Z,14nm,1.0s,baz=344,slow=10,SNR=20		LR	20 30 03.7		
PRKB	Parauapebas	29.39 116	eP	P	20 18 18.8	+0.6
TRKL	Tuculechee C	29.43 347	LR	LR	20 18 18.8	+0.6
OXF	Oxford	30.04 338	P	P	20 18 20.1	0.0
OXF	comp=Z,277nm,21.3s,baz=182,slow=36		P	20 18 23.2	+2.7	
NATX	Nacogdoches	30.12 328	P	P	20 18 37.5	
LVC	Limon Verde	30.21 166	LR	LR	20 18 25.5	+0.5
LVC	comp=Z,394nm,20.7s,baz=327,slow=39		P	20 18 25.6	-1.2	
LVC	Limon Verde	30.21 166	eP	P	20 18 34.3	-0.5
TZTN	Tazewell	30.24 348	P	P	20 18 39.5	+3.3
V48A	Smith Brothers	30.29 343	P	Iamb	20 18 41.4	
V48A	comp=Z,10nm,1.1s		Iamb	20 18 25.5	+0.5	
SS7A	Dark Hollow, R	30.80 356	P	P	20 18 25.6	-0.8
WWT	Waverly	30.96 342	P	P	20 18 27.7	+1.3
WWT	Waverly	30.96 342	eP	P	20 18 26.6	-1.2
WWT	Waverly	30.96 342	P	P	20 18 34.3	-0.5
SNDB	Serra Nova Dou	31.10 127	eP	P	20 18 35.0	+0.7
SS1A	Beattyville	31.31 343	P	P	20 18 34.3	-0.5
MIAR	Mount Ida	31.81 332	P	P	20 18 35.0	+1.1
MIAR	baz=146		P	20 18 35.0	+0.7	
WHTX	Lake Whitney,	31.85 324	P	P	20 18 34.3	-0.5
WHTX	comp=Z,277nm,21.3s,baz=182,slow=36		P	20 18 39.5	+3.3	
PB14	IPOC Station P	31.86 170	P	Iamb	20 18 41.4	
R50A	Paris	32.08 348	P	Iamb	20 18 36.7	+1.2
R50A	comp=Z,7.9nm,0.7s		P	20 18 38.7	+2.5	
LCAR	Lake Charles	32.08 337	P	Iamb	20 18 40.0	
LCAR	comp=Z,13nm,1.2s		P	20 18 36.1	-2.0	
BRDY	Brady	32.27 322	P	P	20 18 41.3	+2.0
PBMO	Poplar Bluff	32.43 338	P	P	20 18 41.3	+2.0

PBMO	comp=Z,12nm,1.0s		Iamb	20 18 52.7		
GO02	Mina Guanaco	32.53 169	P	P	20 18 39.9	-0.8
SMTB	Santa Maria do	32.57 118	eP	P	20 18 39.6	-1.3
T42A	Van Buren	32.90 338	Iamb	Iamb	20 18 46.8	
T42A	comp=Z,10nm,1.2s		P	20 18 43.5	-0.4	
PLPT	Palo Pinto	32.94 324	P	P	20 18 55.8	
PLPT	comp=Z,8.9nm,0.9s		Iamb	20 18 45.2	+0.9	
PS2A	Cornio	33.00 352	P	P	20 18 43.4	-1.3
PS2A	baz=169		P	20 19 09.1		
ARAG	Araguainia, MT	33.02 133	eP	P	20 18 43.4	-1.3
O54A	Avella	33.33 354	Iamb	Iamb	20 18 58.8	
OHAR	Hot Springs	33.42 333	Iamb	Iamb	20 18 47.2	-1.7
OHAR	comp=Z,14nm,0.8s		P	20 18 47.5	-1.5	
ROSB	Rosrio	33.49 106	eP	P	20 18 50.5	+0.9
ROSB	Rosrio	33.49 106	eP	P	20 18 50.7	+1.1
ABTX	Ablene, Hawle	33.59 323	P	P	20 18 52.0	+0.2
SSPA	Standing Stone	33.61 358	P	P	20 18 53.6	+0.6
SSPA	baz=177		P	20 19 08.6		
CCM	Cathedral Cave	33.86 338	P	P	20 19 08.6	
CCM	comp=Z,9.5nm,0.7s		Iamb	20 18 52.5	+1.4	
CCM	Cathedral Cave	33.86 338	P	P	20 18 52.5	+0.2
CCM	baz=153		Iamb	20 18 57.5		
AQDB	Aquidauana	33.89 144	P	P	20 18 53.8	+1.0
AQDB	comp=Z,12nm,0.8s		Iamb	20 19 03.8		
TUL3	Leonard	33.97 311	P	P	20 18 53.6	+0.6
TUL3	baz=144		P	20 18 55.4	+0.9	
N53A	Lisbon	34.00 354	Iamb	Iamb	20 34 51.1	
N53A	comp=Z,14nm,0.9s		P	20 19 04.4		
PAL	Palisades	34.01 3	P	P	20 19 08.6	
PAL	baz=184		P	20 19 05.1	+1.1	
TXAR	Lajitas Array	34.14 314	P	P	20 19 08.6	
TXAR	comp=Z,1.0nm,0.9s,baz=126,slow=9.0,SNR=7.6		LR	20 19 04.4		
TXAR	comp=Z,35nm,20.6s,baz=114,slow=40		LR	20 19 08.6		
S39A	Bolivia	34.35 336	Iamb	Iamb	20 19 08.6	
S39A	comp=Z,1.0nm,0.9s		Iamb	20 19 08.6		
R40A	Maddies State	34.45 337	Iamb	Iamb	20 19 08.6	
R40A	comp=Z,5.5nm,0.6s		P	20 18 59.1	+0.9	
M53A	W Miller and	34.60 354	P	P	20 18 58.4	-0.1
M53A	comp=Z,2.5nm,0.6s		P	20 19 00.5	+1.3	
WMOK	Wichita Mounta	34.62 326	P	P	20 19 01.9	-1.0
WMOK	baz=138		P	20 19 03.9	+1.0	
SFIN	Lafayette	34.71 345	P	P	20 19 08.6	
SFIN	baz=180		P	20 19 08.6		
BNY	Binghamton	35.14 0	P	P	20 19 08.6	
BNY	Binghamton	35.14 0	P	P	20 19 03.9	+1.0
P40A	Paris	35.45 339	Iamb	Iamb	20 19 08.6	
P40A	Van Horn	35.45 339	Iamb	Iamb	20 19 08.6	
P40A	comp=Z,2.8nm,0.9s		P	20 19 08.6		
BDFB	Brasilia	35.83 129	P	Iamb	20 19 08.6	
BDFB	comp=Z,1.6nm,1.1s		Iamb	20 19 08.3	-0.9	
BDFB	Brasilia	35.83 129	P	P	20 35 08.5	
BDFB	comp=Z,9.5nm,0.9s,baz=309,slow=11,SNR=10		LR	20 19 09.6	-0.2	
BDFB	comp=Z,413nm,20.4s,baz=315,slow=38		LR	20 19 11.4	+0.8	
BDFB	baz=132		P	20 19 14.7	+1.0	
VHRM	Van Horn	35.91 315	P	P	20 19 15.0	+0.8
AC05	Ei Transito	36.01				

20d 20h

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like DLBC Dease Lake, R33M Jennings River, S32K Killisnoo, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like I27K Kandik River, F28M Old Crow, H27K Steamboat Mtn, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like C23K Itkillik River, L20K Farewell, AK, H21K Melozitna River, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santa Helena, Bahia Solano, Zaragoza, Cauc, etc.

ISC 20 21:32:22.3-1.2, 26.39N-070.110.66W, 0.06, h10km, n4, 0554/8, 1C, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Loreto B.C.S, San Nicolis, etc.

IDC 20 20:34:06.2-1.7, 26.02S-179.67E, h493km, 19km, mb3.2/5, mblmp4.2/8, Error ellipse: s-maj=28.6km s-min=18.8km

NEIC 20 20:34:08.0-1.4, 26.45S-0.1:179.53E-0.06, h495km, 10km, mb4.6/20, Error ellipse: s-maj=17.7km s-min=3.8km

NOU 20 20:34:10.0, 26.47S-179.33E, h491km, mb4.1/18, South of Fiji Islands

ISC 20 20:34:07.0-0.6, 26.33S-0.08, 179.58E-0.08, h495km, n54, 01504/7, mb4.3/14, South of Fiji Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raoul Island, Nonsavu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like South Pole Qui, Palmer Station, etc.

IDC 20 21:16:38.0-9.5, 7.57S-129.35E, h175km, 101km, mb3.0/2, mblmp3.7/5, Error ellipse: s-maj=97.9km s-min=25.6km

ISC 20 21:16:36.4-1.1, 7.59S-0.09, 129.53E-0.07, h150km, n12, 0289/15, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saumlaki, Darwin Rock St, etc.

NEIC 20 21:38:52.0-1.2, 56.49N-0.03-155.67W, 0.06, h32km, 3km, Error ellipse: s-maj=4.5km s-min=3.9km az=118.0

AEIC 20 21:38:52.0-1.2, 56.45N-0.03-155.63W, 0.07, h56km, 8km, ML3.4, ML3.6/52, Error ellipse: s-maj=6.9km

ISC 20 21:38:52.1-1.5, 56.47N-0.07-155.65W, 0.04, h56km, 27km, n160, 0657/170, Alaska Peninsula

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chirikof Island, Sitkinak Island, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kokwak River B, Koliganek Bris, etc.

20d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S. Brethren Rd, Las Juntas de, Battle Ridge R, Chengdu, etc.

2018 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GTA, GTA, GTA, Lakeview Retre, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like VSR, VSR, VSR, Divnogorie, etc.

Table with columns: RUE, Ruedersdorf, 149.29 349, ePKPbc, PKPbc, 23 43 14.8 +0.3, etc. Includes rows for CWF, HLM1, KWP, LEOM, etc.

Table with columns: YUVA, Yuva-Kibiriscik, 151.15 314, P, PKIKP, 23 43 20.5 +0.4, etc. Includes rows for HSKC, HSKC, CHEBY, CHBY, etc.

Table with columns: ECH, comp=2,448nm,18.0s, IAMS_20, IAMS_20, 01 01 09.3, etc. Includes rows for ECH, Echery, FRGS, Fruska Gora, etc.

21d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BBDV Barranco-do-Ve, BBDV Barranco-do-Ve, DBIC Dimbokro, etc.

VAO 20 23:37:19.9, 1.3, 16:55S:73:80W, h10km, mb4.4
NEIC 20 23:37:30.2, 2.1, 16:30S:07:73, 22W, 0.07, h50km, 8km, mb4.4/16, Error ellipse: s-maj=1.7km s-min=1.7km az=23.0

IDC 20 23:37:33.1, 2.0, 16:32S:73:13W, h75km, 17km, mb4.0/9, mbmp4.3/14, MS3.0/3, Error ellipse: s-maj=21.6km s-min=15.3km az=57.0
ISC 20 23:37:30.6, 0.5, 16:33S:00:06:73:14W, 0.08, h57km, n81, s127/71, mb4.2/15, Near coast of Peru

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BP12 IPOC Station P, BP11 IPOC Station P, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BOAY Boa Vista, GO06 Curarehue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TRQA Torquist, IPMB Ipaneri, GO, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PLCA Paso Flores, PRPB Parauapebas, BAUV El Baul, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNAAS Sanae, SNAAS Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DBIC Dimbokro, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H1N3 WAKE ISLAND Hy23.04 283, H1N2 WAKE ISLAND Hy23.06 283, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

2018 JUN

SOMN Songoing Array 148.58 1 PKPbc PKIKP 23 57 12.2 -0.6
KSRS Korea Array 151.91 323 PKPbc PKIKP 23 57 20.3 +0.5

SJA 20 23:54:11.2, 0.8, 21:49S:69:37W, h99km, 6km, ML3.7, MW3.8
GUC 20 23:54:13.6, 0.9, 21:48S:69:31W, h79km, 5km, ML3.8
IDC 20 23:54:15.9, 1.6, 21:54S:68:92W, h96km, 11km, mb3.4/2, mbmp3.7/4, Error ellipse: s-maj=51.7km s-min=17.4km az=104.0
ISC 20 23:54:13.1, 0.9, 21:46S:00:26:69:42W, 0.04, h84km, 7km, n46, s160/71, 7C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB09 IPOC Station P, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB09 IPOC Station P, PATCX Punta Patache, etc.

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IPCC 21 00:01:09.7, 0.3, 49:81N:18:56E, h1km, ML2.0/4, Error ellipse: s-maj=2.1km s-min=1.7km az=72.0
VIE 21 00:01:09.6, 0.4, 49:79N:18:56E, h0km, mb2.2/9, ml2.2/8, ms3.2/2, Error ellipse: s-maj=4.1km s-min=2.8km az=166.0, Suspected Mining induced.
PRU 21 00:01:12.1, 49:80N:18:41E, h0km, Mining Induced Event Csm, E=9.6e+04

ISC 21 00:01:09.9, 0.8, 49:84N:0:03:18:56E, 0.02, h0km, n34, s1918/55, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MORC Moravsky Berou, MORC Moravsky Berou, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QMBU, GBTBY, MOAC, MARVS, HLCG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TXAR, MSTY, PDRS, ECSD, HPIAZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TIP, FINES, MLR, PZH, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSS, MDOK, KRBS, KK31, etc.

AFAD 21 00:33:52.9:0.0,38.71N:38.08E,h7km,2km,ML3.4
ISK 21 00:33:52.8,38.70N:38.08E,h3km,ML3.7/32
ISC 21 00:33:53.4:1.0,38.71N:0.02:38.11E:0.02,h6km,10km,
n46,c1922/65,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARPR, AKCD, MAYA, DARE, KEMA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARAR, KVTV, GURO, etc.

CATAC 21 00:49:15.6:0.7,8.17N:82.67W,h18km,3km,ML3.8
UCR 21 00:49:15.7:1.1,8.20N:82.60W,h44km,7km,MMV3.8
UPA 21 00:49:16.7:1.1,8.19N:82.70W,h20km,5km,MMV3.8
ISC 21 00:49:16.8:1.1,8.21N:0.04:82.68W:0.02,h28km,9km,
n49,c084/68,Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTPM, PEDE3, DVID, etc.

IDC 21 01:09:25.1:329.0,51.80N:37.84E,h0km,Error ellipse:
s-maj=152.8km s-min=90.0km az=149.0, Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I43RU, I26DE, I37NO, etc.

NNC 21 01:24:31.9:6.5,36.97N:71.24E,h0km,mb3.8,mpv3.4,
4C-2D,Error ellipse: s-maj=51.6km s-min=47.9km
az=135.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, AAK, TKM2, etc.

ellipse: s-maj=3.7km s-min=3.0km az=16.0
NNC 21 01:49:25.4:1.1,41.05N:74.69E,h0km,mb3.9,mpv3.6,
Error ellipse: s-maj=7.9km s-min=5.6km az=178.0
ISC 21 01:49:22.5:1.2,40.98N:0.03:74.59E:0.02,h5km,10km,
n82,c1943/137,58C-14D,Kyrgyzstan-Xinjiang border
region

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

GSC	Goldstone, Bar	74.58	46	P	P	02 14 56.4 +0.6
YBH	Yreka Blue Hor	74.60	37	P	I Amb	02 14 56.7 +0.9
YBH	comp-Z,23nm,0.9s					02 15 37.1
YBH	Yreka Blue Hor	74.60	37	LR	LR	02 24 33.4
BC3	Big Chuckawall	74.64	48	P	P	02 14 56.8 +0.5
WACKR	Walker	74.64	42	P	P	02 14 57.0 +0.7
HACR	Hector,Ludlow	74.64	46	P	P	02 14 56.6 +0.3
GLA	Glamis	74.77	48	P	P	02 14 57.7 +0.8
YHNB	Yeheng	74.94	302	P	P	02 14 57.4 -0.8
TPUB	Tapu	74.97	300	P	P	02 14 56.9 -1.3
HUMO	Hull Mountain	75.01	36	P	I Amb	02 14 59.0 +0.9
HUMO	comp-Z,20nm,1.1s					02 15 39.5
GMRC	Granite Mounta	75.09	46	P	P	02 14 59.2 +0.4
LHV	Little Huntoon	75.09	42	P	P	02 14 59.1 +0.5
LHV	comp-Z,38nm,1.7s					02 15 40.0
IRM	Iron Mountain	75.12	47	P	P	02 14 59.3 +0.4
SBUM	Sibu	75.13	277	P	P	02 14 58.6 -0.8
L04D	Klamath Falls	75.14	37	P	I Amb	02 14 59.8 +0.6
L04D	comp-Z,34nm,1.1s					02 15 39.9
GWY	Greenwater Val	75.15	45	P	P	02 14 59.8 +0.6
OHAK	Old Harbor	75.17	11	P	P	02 14 59.5 +0.9
FURC	Furnace Creek,	75.17	44	P	P	02 14 59.6 +0.6
TUQ	Turquoise Moun	75.25	46	P	P	02 14 59.6 -0.2
R18K	Karlu	75.27	11	P	P	02 14 59.1 -0.1
R18K	comp-Z,39nm,2.0s					02 15 39.0
RYN	Ryan	75.30	42	P	P	02 15 00.6 +0.6
NVAR	Mina Array Bea	75.32	42	P	P	02 15 00.8 +0.6
NVAR	Mina Array Bea	75.32	42	P	P	02 15 01.0 +0.8
NVAR	comp-Z,3.9nm,0.7s					02 15 36.4 -0.8
NVAR	comp-Z,9.8nm,1.0s					02 44 45.2
NVAR	comp-Z,36nm,1.8s					02 15 01.1 +0.6
GMN	Gold Mountain	75.37	44	P	P	02 15 01.3 +0.9
113A	Mohawk Valley,	75.39	49	P	P	02 15 01.3 +0.9
NV11	Mina Array Sit	75.42	42	P	I Amb	02 15 01.1 +0.4
NV11	comp-Z,23nm,1.2s					02 15 01.7 +0.6
WCT	Wildcat Mounta	75.51	44	P	P	02 15 02.1 +0.4
Q17K	Contact Creek	75.69	10	P	P	02 15 02.1 +0.4
KVNB	Kaiserville	75.81	42	P	P	02 15 03.6 +0.7
TPH	Tonopah	75.83	43	P	P	02 15 03.7 +0.6
KDAK	Kodiak Island	75.83	12	P	P	02 15 02.4 +0.1
KDAK	Kodiak Island	75.83	12	LR	LR	02 41 34.0
KDAK	comp-Z,39nm,2.0s					02 15 03.3 0.0
PDMCI	Parker Dam,Lak	75.91	48	P	P	02 15 02.7 -0.1
O14K	Tiguykauivert M	75.91	7	P	P	02 15 03.9 +0.9
O16K	King Salmon	75.96	9	P	P	02 15 03.4 +0.1
O15K	Ungalikthiuk R	76.00	7	P	P	02 15 03.7 -0.1
P16K	Nushagak River	76.11	8	P	P	02 15 05.5 +0.7
V12A	Nelson	76.15	46	P	P	02 15 06.2 +0.6
KSRS	Korea Array	76.32	316	P	P	02 42 40.8
KSRS	comp-Z,16nm,2.1s					02 15 05.5 -0.1
KSRS	comp-Z,16nm,2.1s					02 15 06.7 +0.6
KSRS	comp-Z,16nm,2.1s					02 15 07.5
KSAR	Wonju Array Be	76.33	316	P	P	02 15 06.3 +0.6
SHPR	Sheep Range	76.35	45	P	P	02 15 07.5
J05D	Fort Rock, OR	76.42	37	P	I Amb	02 15 05.7 -0.3
J05D	comp-Z,36nm,1.1s					02 15 07.4 +0.4
P17K	Kvichak River	76.49	9	P	P	02 15 06.7 +0.5
W13A	Hualapai Mount	76.50	47	P	P	02 15 07.5 +0.5
N14K	Kuskokwag Cree	76.52	6	P	P	02 15 07.2 +0.7
Y14A	Wickenburg	76.53	48	P	I Amb	02 15 06.8 0.0
Y14A	comp-Z,13nm,1.0s					02 15 06.4 -0.5
M11K	Mekoryuk	76.58	4	P	P	02 15 06.9 +0.1
Q20K	Shuyak Island	76.64	11	P	P	02 15 07.2 -0.9
O16K	Kokwok River B	76.64	8	P	I Amb	02 15 07.3 0.0
O16K	comp-Z,19nm,1.3s					02 15 08.5 +0.6
O16K	Kokwok River B	76.64	8	P	P	02 15 08.4 -0.5
KSM	Kuching	76.67	275	P	P	02 15 08.4 -0.5
KSM	Kuching	76.67	275	P	P	02 15 07.8 +0.8
Q19K	Cape Douglas,	76.70	11	P	P	02 15 07.3 0.0
H04A	Detroit Lake	76.75	35	P	P	02 15 08.5 +0.6
H04A	comp-Z,14nm,1.0s					02 15 08.4 -0.5
BBJ	Bungbulang	76.79	266	P	P	02 15 09.0 +1.1
M13K	Dall Lake	76.84	5	P	P	02 15 08.6 +0.7
M13K	Dall Lake	76.84	5	P	P	02 15 08.3 +0.1
P18K	Big Mountain,	76.87	10	P	P	02 15 08.1 -0.2
P18K	Big Mountain,	76.87	10	P	P	02 15 08.7 -0.3
PINE	Pine Mountain	76.90	36	P	P	02 15 09.9 +0.8
PRN	Pahroc Range	76.90	44	P	P	02 15 08.5 0.0
N15K	Kwethluk River	76.94	7	P	P	02 15 08.6 0.0
O17K	Koliganek Bris	76.95	9	P	P	02 15 10.6 +0.6
R11B	Troy Canyon, C	77.05	43	P	P	02 15 10.1 +0.1
R11B	Troy Canyon, C	77.05	43	P	P	02 15 11.2 +0.8
BMN	Battle Mountai	77.15	41	P	I Amb	02 15 10.1 +0.1
BMN	comp-Z,15nm,1.0s					02 15 11.3 +1.0
E03A	Lebam	77.20	33	P	P	02 15 11.4 +0.9
E03A	comp-Z,17nm,1.0s					02 15 11.4 +0.9
M14K	Bethel	77.30	6	P	P	02 15 10.3 -0.4
M14K	Bethel	77.30	6	P	P	02 15 10.9 +0.2
O18K	Koktu Hills	77.32	10	P	P	02 15 12.7 +1.1
O18K	Koktu Hills	77.32	10	P	P	02 15 12.7 +1.1
TUC	Tucson	77.36	51	P	I Amb	02 15 12.8 +1.1
TUC	comp-Z,17nm,1.2s					02 15 11.4 +0.5
M15K	Kasigliuk River	77.38	7	P	P	02 15 11.4 +0.3
N16K	Nishiik Lake	77.40	8	P	P	02 15 12.7 +0.8
WVOR	Wild Horse Val	77.43	39	P	P	02 15 11.0 -0.5
WVOR	comp-Z,19nm,1.0s					02 15 11.0 -0.5
P19K	Oil Pt	77.46	11	P	P	02 15 13.0 +0.4
P19K	Oil Pt	77.46	11	P	P	02 15 13.4 +0.8
N17K	Nushagak Hills	77.66	8	P	P	02 15 13.1 +0.1
N17K	Nushagak Hills	77.66	8	P	P	02 15 13.1 +0.1
USRK	Ussuriysk Ar.	77.67	323	P	P	02 15 13.1 +0.1
USRK	comp-Z,2.0nm,0.8s					02 15 13.1 +0.2
CNPM	China Poot	77.71	12	P	P	02 15 13.7 +0.2
CNPM	comp-Z,21nm,1.0s					02 15 13.8 +0.4
ILSW	Illama Southw	77.78	11	P	P	02 15 13.8 +0.4
L14K	Kuka Creek	77.81	6	P	I Amb	02 15 14.4 +1.0
L14K	comp-Z,20nm,1.1s					02 15 16.0 +1.3
L14K	Kuka Creek	77.81	6	P	P	02 15 16.0 +1.3
X16A	Lo Mia Camp, P	77.89	49	P	P	02 15 16.0 +1.3

X16A	comp-Z,16nm,1.0s					02 15 56.2
I07A	leeze	77.90	37	P	I Amb	02 15 14.4 0.0
I07A	comp-Z,14nm,1.0s					02 15 55.0
M16K	Timber Creek	77.91	7	P	P	02 15 14.8 +0.9
M16K	Timber Creek	77.91	7	P	P	02 15 15.1 +1.2
LCMT	Little Creek M	77.92	46	P	I Amb	02 15 14.4 -0.4
LCMT	comp-Z,27nm,1.7s					02 15 56.2
O20K	Slope Mountain	77.97	11	P	P	02 15 14.4 0.0
N18K	Kilae Creek	78.00	9	P	P	02 15 14.2 -0.2
N18K	Kilae Creek	78.00	9	P	P	02 15 14.3 -0.2
N19K	Bonanza Creek	78.00	12	P	P	02 15 14.8 +0.3
BRLL	Bradley Lake S	78.01	12	P	P	02 15 14.8 +0.3
BRLL	comp-Z,26nm,1.0s					02 15 56.9
BRSE	Bradley Lake S	78.01	12	P	P	02 15 16.8 +0.9
319A	Douglas	78.06	52	P	I Amb	02 15 16.8 +0.9
319A	comp-Z,15nm,1.0s					02 15 56.9
CCUT	Cedar City	78.12	45	P	P	02 15 17.5 +1.0
KNB	Kanab	78.22	46	P	I Amb	02 15 59.0
KNB	comp-Z,20nm,1.3s					02 15 16.0 +0.3
K13K	Kusvik Mount	78.23	5	P	P	02 15 16.0 +0.2
L15K	Ungalak Mounta	78.26	6	P	P	02 15 17.6 +0.7
U15A	North Rim	78.29	47	P	I Amb	02 15 58.7
U15A	comp-Z,28nm,1.3s					02 15 16.3 -0.1
PSUT	Pine Spring	78.30	44	P	P	02 15 16.3 -0.1
RSO	Redoubt South	78.30	11	P	P	02 15 16.1 -0.3
N19K	Bonanza Creek	78.34	10	P	P	02 15 17.1
N19K	comp-Z,21nm,0.8s					02 15 16.1 -0.3
M17K	Holinta River	78.47	8	P	I Amb	02 15 18.1 +1.1
M17K	comp-Z,28nm,0.9s					02 15 19.1
M17K	Holinta River	78.47	8	P	P	02 15 18.0 +1.0
WUAZ	Wupatki	78.48	48	P	P	02 15 18.7 +0.9
WUAZ	Wupatki	78.48	48	P	P	02 15 18.8 +0.9
L16K	Owhat River	78.51	7	P	I Amb	02 15 18.3 +1.1
L16K	comp-Z,26nm,1.1s					02 15 19.4
L16K	Owhat River	78.51	7	P	P	02 15 18.3 +1.1
ELK	Elko	78.58	42	P	P	02 15 19.0 +0.6
ELK	Elko	78.58	42	LR	LR	02 46 35.9
SEW	Seward	78.62	16	P	P	02 15 17.6 -0.1
DUN6	Lazy B Ranch	78.74	51	P	P	02 15 20.4 +1.1
M18K	Stony River	78.78	9	P	P	02 15 19.1 +0.5
PKCU	Pink Cliffs	78.78	46	P	P	02 15 20.7 +1.0
K15K	Wolf Creek Mou	78.86	6	P	P	02 15 20.4 +1.3
K15K	Wolf Creek Mou	78.86	6	P	P	02 15 20.2 +1.1
BBB	Bella Bella	78.87	27	LR	LR	02 42 22.4
CAPN	Captain Cook N	78.88	11	P	P	02 15 20.1 +0.9
G08A	Pilot Rock	78.93	36	P	I Amb	02 15 20.1 +0.1
G08A	comp-Z,17nm,1.1s					02 15 20.3 +1.1
P23K	Montague Islan	78.94	13	P	P	02 15 21.7 +1.0
L17K	Donlin	79.06	7	P	P	02 15 19.6 -0.9
N20K	Mount Spurr	79.09	11	P	P	02 15 18.0 -2.5
L17K	Donlin	79.06	7	P	P	02 15 18.0 -2.5
SPCR	Spit Chakacha	79.09	11	P	P	02 15 21.0 -0.5
SPU	Mount Spurr	79.10	11	P	P	02 15 21.2 +0.7
J14K	Nanvaranlak	79.12	5	P	P	02 15 21.9 0.0
MTPU	Mount Pierson	79.17	45	P	I Amb	02 15 22.8 +0.9

21d 2h

G18K	Tagagawik	82.67	6	I	Amb	I	Amb	02 15 40.7
G18K	Tagagawik	82.67	6	P	P	P	P	02 15 39.6 +0.3
MSO	Missoula	82.68	37	P	P	P	P	02 15 39.7 -0.3
DLMT	Dillon	82.69	39	I	Amb	I	Amb	02 16 20.8
K24K	Donnelly Dome	82.70	12	P	P	P	P	02 15 40.0 +0.4
H20K	Anotleneega Mo	82.73	8	P	P	P	P	02 15 40.5 +0.8
TPAW	Teton Park	82.73	41	I	Amb	I	Amb	02 16 21.3
S22A	4UR Ranch, Cre	82.75	47	P	P	P	P	02 15 43.1
S22A	4UR Ranch, Cre	82.75	47	P	P	P	P	02 15 40.9 +0.1
FXWY	Fox Creek	82.76	41	I	Amb	I	Amb	02 16 22.1
WHY	Whitehorse	82.78	18	P	P	P	P	02 15 40.7 +0.5
NEA2	Nenana	82.79	11	I	Amb	I	Amb	02 15 41.2
NEA2	Nenana	82.79	11	P	P	P	P	02 15 39.2 -0.7
N30M	Aishikik Lake	82.79	17	P	P	P	P	02 15 40.4 +0.4
O20A	White River Ci	82.87	45	P	P	P	P	02 15 41.7 +0.5
MLY	Manley	82.91	10	I	Amb	I	Amb	02 15 41.1
MLY	Manley	82.91	10	P	P	P	P	02 15 40.0 -0.6
L27K	Beaver Creek A	82.91	14	P	P	P	P	02 15 41.0 +0.3
BCAR	Beaver Creek A	82.93	14	P	P	P	P	02 15 41.3 +0.5
IMW	Indian Meadow	82.95	41	I	Amb	I	Amb	02 16 22.5
F17K	Baldwin Pennin	82.95	5	P	P	P	P	02 16 22.9
F17K	Baldwin Pennin	82.95	5	P	P	P	P	02 15 40.7 0.0
HDA	Harding Lake	83.01	11	P	P	P	P	02 15 40.8 -0.3
LOHW	Long Hollow	83.01	41	I	Amb	I	Amb	02 16 22.5
R33M	Jennings River	83.06	21	I	Amb	I	Amb	02 16 23.2
R33M	Jennings River	83.06	21	P	P	P	P	02 15 41.7 +0.1
P33M	Teslin, Yukon	83.07	19	P	P	P	P	02 15 41.9 +0.3
G19K	Purcell Mounta	83.08	7	I	Amb	I	Amb	02 15 43.2
G19K	Purcell Mounta	83.08	7	P	P	P	P	02 15 42.0 +0.6
H21K	Melozitna Rive	83.17	9	I	Amb	I	Amb	02 15 43.7
H21K	Melozitna Rive	83.17	9	P	P	P	P	02 15 42.5 +0.6
N31M	Braeburn, Yuko	83.18	17	I	Amb	I	Amb	02 16 23.0
N31M	Braeburn, Yuko	83.18	17	P	P	P	P	02 15 42.4 +0.3
SCRK	Sand Creek	83.22	13	I	Amb	I	Amb	02 15 43.6
SCRK	Sand Creek	83.22	13	P	P	P	P	02 15 42.6 +0.2
M29M	Somme Creek	83.22	16	P	P	P	P	02 15 42.4 0.0
I23K	Minto, Yukon-K	83.25	10	I	Amb	I	Amb	02 15 43.1
I23K	Minto, Yukon-K	83.25	10	P	P	P	P	02 15 41.7 -0.5
F18K	Selawik	83.25	6	P	P	P	P	02 15 42.3 0.0
BW06	Boulder Array	83.26	42	P	P	P	P	02 15 43.2 0.0
PDAR	Pinedale Array	83.26	42	P	P	P	P	02 15 43.3 +0.1
PDAR	Pinedale Array	83.26	42	P	P	P	P	02 15 43.1 0.0
PDAR	comp=Z,5.5nm,0.9s,baz=204,slow=3.3,SNR=5.9							pP 02 16 19.7 -1.0
PDAR	comp=Z,0.6nm,0.7s,baz=69,slow=4.9,SNR=5.5							PKR 02 34 03.0 -1.6
PDAR	comp=Z,3.7nm,18.0s,baz=202,slow=3.3							LR LR 02 49 46.5
COLA	College	83.26	11	P	P	P	P	02 15 42.2 -0.1
COLA	College	83.26	11	P	P	P	P	02 15 42.2 -0.1
COLA	College	83.26	11	P	P	P	P	02 15 42.1 -0.2
TIA	Tai'an	83.27	311	P	P	P	P	02 15 43.4 +0.3
SMCO	Snowmass	83.30	46	I	Amb	I	Amb	02 15 45.4
IL31	comp=Z,34nm,1.3s	83.35	11	I	Amb	I	Amb	02 15 43.6
ILAR	Eielson Array	83.35	11	P	P	P	P	02 15 42.5 -0.3
ILAR	Eielson Array	83.35	11	P	P	P	P	02 15 42.4 -0.4
ILAR	comp=Z,4.1nm,0.5s,baz=211,slow=6.0,SNR=6.0							pP 02 16 20.3 -0.1
BOZ	Bozeman (W)	83.39	39	P	P	P	P	02 15 43.8 +0.1
H17A	Grant Village	83.42	40	I	Amb	I	Amb	02 15 46.3
J25K	Salcha River,	83.50	12	I	Amb	I	Amb	02 15 44.9
J25K	Salcha River,	83.50	12	P	P	P	P	02 15 43.8 +0.1
E17K	Hotham Inlet	83.54	5	P	P	P	P	02 15 44.5 +0.8
POKR	Poker Flat Res	83.56	11	P	P	P	P	02 15 43.7 -0.2
H22K	Ishlitalna Cre	83.61	9	P	P	P	P	02 15 44.5 +0.3
F19K	Shalercukik Mo	83.67	6	I	Amb	I	Amb	02 15 45.8
F19K	Shalercukik Mo	83.67	6	P	P	P	P	02 15 44.5 +0.1
K27K	Chicken	83.69	14	I	Amb	I	Amb	02 15 46.6
K27K	Chicken	83.69	14	P	P	P	P	02 15 45.1 +0.6
SDCO	Great Sand Dun	83.68	48	P	P	P	P	02 15 45.9 +0.4
N32M	Quiet Lake	83.72	19	I	Amb	I	Amb	02 16 25.8
N32M	Quiet Lake	83.72	19	P	P	P	P	02 15 45.6 +0.8
J26L	Josep Creek	83.77	13	P	P	P	P	02 15 45.9 +0.8
M30M	Minto, Yukon	83.78	16	P	P	P	P	02 15 45.2 +0.1
H23K	Yukon River	83.84	10	P	P	P	P	02 15 44.9 -0.5
L29M	L29M	83.86	16	I	Amb	I	Amb	02 16 27.2
L29M	L29M	83.86	16	P	P	P	P	02 15 46.2 +0.7
G21K	Allakaket	83.89	8	I	Amb	I	Amb	02 15 47.2
G21K	Allakaket	83.89	8	P	P	P	P	02 15 46.1 +0.5
E18K	Tukpahleark C	83.97	5	I	Amb	I	Amb	02 15 47.5
E18K	Tukpahleark C	83.97	5	P	P	P	P	02 15 46.3 +0.4
D17K	Noatak River	84.05	4	P	P	P	P	02 15 46.8 +0.5
F20K	Avaraart Lake	84.11	7	I	Amb	I	Amb	02 15 48.3
F20K	Avaraart Lake	84.11	7	P	P	P	P	02 15 47.1 +0.6
MSTX	Muleshoe	84.12	52	I	Amb	I	Amb	02 15 49.2
MSTX	Muleshoe	84.12	52	P	P	P	P	02 15 47.4 -0.2
H24K	Noodor Dome	84.13	11	P	P	P	P	02 15 45.8 -1.0
M31M	Drury Creek, Y	84.15	17	P	P	P	P	02 15 46.7 -0.2
T25A	Trinidad	84.22	49	P	P	P	P	02 15 47.8 -0.3

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PRP	Porcupine Dome	84.28	12	P	P	P	P	02 15 47.8 +0.1
R19W	Rawlins	84.28	44	I	Amb	I	Amb	02 16 28.6
E91K	Redstone River	84.33	6	I	Amb	I	Amb	02 15 49.4
E91K	Redstone River	84.33	6	P	P	P	P	02 15 48.5 +0.7
DAWY	Dawson	84.35	15	I	Amb	I	Amb	02 15 49.6
DAWY	Dawson	84.35	15	P	P	P	P	02 15 48.5 +0.6
RDOG	Red Dog Mine	84.41	4	P	P	P	P	02 15 48.6 +0.4
TOLK	Toolik Lake Re	84.47	47	P	P	P	P	02 15 49.5 0.0
C16K	Lisburne Hills	84.48	3	P	P	P	P	02 15 48.8 +0.3
EGAK	Eagle	84.54	14	I	Amb	I	Amb	02 15 50.3
EGAK	Eagle	84.54	14	P	P	P	P	02 15 49.0 +0.2
G22K	Bettles	84.55	9	P	P	P	P	02 15 49.5 +0.7
F21K	Alatina River	84.56	8	I	Amb	I	Amb	02 15 50.3
F21K	Alatina River	84.56	8	P	P	P	P	02 15 49.2 +0.3
I26K	Coal Creek Min	84.56	13	I	Amb	I	Amb	02 15 50.6
I26K	Coal Creek Min	84.56	13	P	P	P	P	02 15 49.3 +0.4
G23K	Bananza Creek	84.58	9	I	Amb	I	Amb	02 15 50.5
G23K	Bananza Creek	84.58	9	P	P	P	P	02 15 49.4 +0.4
RLMT	Red Lodge	84.59	40	P	P	P	P	02 15 50.2 +0.3
K29M	Barlow Dome	84.62	15	I	Amb	I	Amb	02 16 30.6
K29M	Barlow Dome	84.62	15	P	P	P	P	02 15 50.2 +0.7
833A	Chaparral WMA,	84.63	59	P	P	P	P	02 15 50.2 +0.1
CMIG	Matias Romero	84.71	71	LR	LR	LR	LR	02 46 11.5
TOAD	Toad River Com	84.72	23	P	P	P	P	02 15 50.6 +0.7
POST	Post	84.74	54	I	Amb	I	Amb	02 16 30.7
N23A	Red Feather La	84.78	45	P	P	P	P	02 15 51.2 +0.3
C17K	DeLong Mountai	84.81	4	P	P	P	P	02 15 50.3 +0.2
H25L	Birch Creek	84.89	11	P	P	P	P	02 15 50.5 0.0
G24K	Hadweenzick Riv	84.98	10	P	P	P	P	02 15 51.8 +0.8
F22K	John River	85.00	8	P	P	P	P	02 15 51.3 +0.2
COLD	Coldfoot	85.03	9	P	P	P	P	02 15 51.8 +0.6
JCT	Junction City	85.09	56	P	P	P	P	02 15 52.4 -0.1
C18K	Utukok River	85.12	5	I	Amb	I	Amb	02 16 33.5
C18K	Utukok River	85.12	5	P	P	P	P	02 15 51.9 +0.1
SN05	Snyder S	85.14	54	I	Amb	I	Amb	02 15 53.3
I27K	Kandik River	85.15	13	P	P	P	P	02 15 52.2 +0.3
HNDO	Hondo	85.16	58	I	Amb	I	Amb	02 15 55.0
K22A	Casper	85.18	43	I	Amb	I	Amb	02 16 33.0
K22A	Casper	85.18	43	P	P	P	P	02 15 52.9 +0.1
E20K	Nigu River	85.22	7	P	P	P	P	02 15 52.8 +0.6
SN07	Snyder Of	85.22	54	I	Amb	I	Amb	02 15 54.0
BILL	Bilibino	85.23	353	P	P	P	P	02 15 52.1 -0.1
BILL	Bilibino	85.23	353	I	Amb	I	Amb	02 15 53.2
D19K	Kuna River	85.25	6	I	Amb	I	Amb	02 16 34.2
D19K	Kuna River	85.25	6	P	P	P	P	02 15 52.5 +0.1
H03S2	Juan Fernandez	85.25	124	T	T	T	T	03 49 37.2
H03S1	Juan Fernandez	85.27	124	T	T	T	T	03 49 37.2
H03S3	Juan Fernandez	85.27	124	T	T	T	T	03 49 31.0
G25K	Bearman Lake	85.28	11	P	P	P	P	02 15 52.7 +0.2
AMTX	Amarillo	85.31	52	I	Amb	I	Amb	02 15 54.8
AMTX	Amarillo	85.31	52	P	P	P	P	02 15 53.8 +0.2
I28M	Miner Creek	85.38	14	I	Amb	I	Amb	02 15 53.8
I28M	Miner Creek	85.38	14	P	P	P	P	02 15 53.4 +0.2
DKNS	Dickens	85.42	53	I	Amb	I	Amb	02 16 35.1
J30M	Hart River	85.53	15	I	Amb	I	Amb	02 15 55.6
J30M	Hart River	85.53	1					

21d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GADA Gykgeada, CANIM Yen-Anakalle, YENI Canice-Canakka, etc.

IDC 21 02:39:30.2, 4.6, 36.38N, 71.23E, h79km, 32km, mb3.5/5, mbtmp3.7/12, MS3.2/1, Error ellipse: s-maj=5.4, 6km s-min=23.2km az=139.0

ISC 21 02:39:33.4, 1.7, 36.7N, 0.1x171.0E, 0.1, h100km, n15, +136/17, mb3.9/5, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, GEYT Alikebek, etc.

VAO 21 03:10:19.6, 0.9, 30.81S, 72.31W, h10km, mb4.2

IDC 21 03:10:25.0, 0.7, 30.35S, 71.55W, h0km, mb4.1/7, mbtmp4.0/11, ML3.8/4, MS3.4/7, Error ellipse: s-maj=24.8km s-min=16.5km az=113.0

SJA 21 03:10:25.0, 0.7, 30.32S, 71.83W, h11km, 2km, ML4.3, MW4.0

GUC 21 03:10:29.7, 0.7, 30.38S, 71.49W, h28km, 3km, ML4.3

NEIC 21 03:10:30.3, 1.3, 30.34S, 0.03x71.56W, 0.06, h29km, 5km, mb4.5/26, Mw4.3(GUC), Error ellipse: s-maj=7.6km s-min=4.5km az=99.0

ISC 21 03:10:27.8, 0.9, 30.31S, 0.02x71.62W, 0.03, h19km, 3km, n158, +152/188, mb4.5/19, MS3.6/5, 9C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO05 La Serena, CO04 Tololo Observa, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC05 El Transito, AC04 Llanos de Chal, AC04 Llanos de Chal, etc.

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

BEO 21 03:17:26.0, 0.3, 43.40N, 21.39E, h5km, 2km, ML2.7/17

RHSSO 21 03:17:28.7, 0.7, 43.42N, 21.26E, h5km, 2km, ML2.7/14

ISC 21 03:17:25.7, 1.1, 43.38N, 0.02x21.36E, 0.02, h4km, 9km, n49, +0591/83, 5C-11N, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOVS Bovan, BOVS Bovan, BARS Barje, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, ISC. Includes stations like Divibare, Moldovita, Avala Beograd, Pungihina, Rudo, Laziići, etc.

BUI 21 03:25:13.0...0.8:03N:126.58E, h139km, mb4, 9/44, mB4.9/17
NEIC 21 03:25:15.9...1.6:8:29N:0:09:126.5E:0.1, h121km, 7km, mb4.6/116, Error ellipse: s-maj=15.7km s-min=13.3km az=83.0

IDC 21 03:25:16.8...0.7:8:23N:126.31E, h138km, mb4, 3/27, mtmtp=4.7/30, MS3.2/6, Error ellipse: s-maj=14.6km s-min=7.4km az=96.0

DJA 21 03:25:21.2...1.3:8:12N:127.6E, h139km, 7km, M4, 7/9, mB5.4/7, mb4.7/9, MLV4.7/6, GM(mB)4.8/7

ISC 21 03:25:17.0...3.8:21N:0:05:126.39E:0.07, h150km, n405, a1332/408, mb4.5/96.5, Mindanao

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, ISC. Includes stations like Davao City, Cibinong, Lahad Datu, Sanana, Kappang, Sibiu, T Lat, Kunigami, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, ISC. Includes stations like Wouju Array Be, Wouju Array, Luoyang, Wouju Array Si, PanZhiHu, Matushiro, Matsu-shiro, Matsu-shiro Arr, Matsu-tunnel, Xian, HongShan, Marumori, Alice Springs, Alice Springs, HongShan, Marumori, Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, ISC. Includes stations like Saint George, Gambell, Arti, Mekoryuk, Tin City, Black Hills, Kusilvak Mount, Nanvanarak Lak, Kuka Creek, Kuka Creek, Kuskokwak Cree, Bethel, North Star Dit, Tiguykaiuiv M, Niutuk, Chernabura Isl, Ungalak Mounta, Fog Glacier, Lisborne Hills, Wolf Creek Mou, Kasiglik River, Elm, Ungalikthiuk R, Kwetlik River, Chignik, Anvik River, Noatak River, Unalakleet, Red Dog Mine, DeLong Mountai, Owhat River, Hotham Inlet, Timber Creek, Nishlik Lake, Baldwin Pennin, Kiwialik Mounta, Nushagak River, Pit Point, Kokwok River B, Granite Mounta, VABM Dome, Donlin, Tukpalearik C, Nishlik Lake, Tukpalearik C, Kokolik River, Iktidarod, Utukok River, Selawik, Koliganek Bris, Nushagak Hills, Holtina River, Honhosa River, Tagewik, Kvichak River, Contact Creek, Granite Mounta, Lookout Ridge, Lookout Ridge, Inokko River, Shalerucik Mo, Stony River, Big Mountain, Purcell Mounta, Purcell Mounta, Kuna River, Kuna River, Kuna River, Koktuh Hills, Redstone River, Inokko River, Roundabout Mou, Roundabout Mou, Karluk, White Mountain, White Mountain, Bonanza Creek, Etivluk River, Meade River, Meade River, Meade River, Big River Lodg

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like E20K Nigu River, F20K Avaraat Lake, Q19K Cape Douglas, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like G24K Hadweencic Riv, POKR Poker Plat Res, SCM Shee Creek Mo, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like BNN Bunyan, K29M Barlow Dome, G30M Atoh Zraii Nji, etc.

Geometric data for station BNN:
IDC 21 03:27:38.7±10.0, 36.31N; 71.58E, h180km, 125km, mb3.4/5, mbtmp3.9/9, MS4.0/1, Error ellipse: s-maj=80.1km s-min=43.6km az=95.0
NEIC 21 03:27:41.6±1.4, 36.73N; 0.06; 71.22E±0.07, h185km, 5km, mb4.0/10, Error ellipse: s-maj=9.7km s-min=6.2km az=46.0
NVC 21 03:27:45.4±7.6, 37.16N; 70.91E, h166km, 161km, mb3.3, mpv4.3, Error ellipse: s-maj=71.2km s-min=41.5km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like GARM Garm, CHGR Chuyanganor, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KBK Karagaybulak, BOOM Boomsokoye usch, CHMS Chumysh, etc.

NDI 21 03:31:20.9,23.98N,93.96E,h95km,mb4.5,ML3.9,mb4.6(NEIC)

IDC 21 03:31:23.5,27.23,86N,93.86E,h71km,24km,mb3.8/17,mbmp4.1/18,MS3.5/2,Error ellipse: s-maj=26.4km s-min=12.8km az=59.0

NEIC 21 03:31:23.4,1.5,23.93N,0.06,93.87E,0.07,h59km,7km,mb4.6/31,Error ellipse: s-maj=10.2km s-min=8.2km az=54.0

BUI 21 03:31:24.1,1.0,24.14N,93.90E,h67km,mb4.2/21,mb4.6/7,MS3.8/1

ISC 21 03:31:23.1,0.9,23.93N,0.04,93.81E,0.05,h61km,8km,mb3.8/15,MS3.8/2,Myanmar-India border region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IMP Imphal, SAIH SAIH, BELO BELONIA, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KSH Taragay, HHC Kurchatov, BOOM Boomsokoye usch, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GTBY Guantanao Bay, GTBY Guantanao Bay, PAPH Port-au-Prince, etc.

NEIC 21 04:03:17.4,1.2,19.415N,0.009,155.294W,0.006,h95km,1km,Error ellipse: s-maj=2.5km s-min=1.3km az=143.0

HVO 21 04:03:16.9,1.0,19.41N,0.011,155.282W,0.007,h1km,3km,ML3.7/12,ML2.9/42(NEIC),Error ellipse: s-maj=1.5km s-min=0.9km az=171.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like OBL Observatory Le Uwekahuna, UWE Uwekahuna, RIM Rim, etc.

DJA 21 04:12:42.7,0.3,11.3N,3.12E,7E, h46km,12km,M4.4/13,mb4.6/5,mb4.7/2,MLV4.2/13,Mw(mb)4.0/2 NEIC 21 04:12:42.9,1.1,1.37N,0.09,127.1E,0.1,h89km,7km,mb4.3/44,Error ellipse: s-maj=15.9km s-min=11.2km

21d 4h

az=54.0
IDC 21 04:12:49.5:3.7, 1.05N;126.67E,h161km,32km,mb3.7/6,
mbmp4.2/7,Error ellipse: s-maj=38.7km s-min=11.7km

az=68.0
ISC 21 04:12:43.3:0.5, 1.23N;107.127.03E:0.07,h100km,m7.3,
a=1917/77,mb4.3/29,Halmahera

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

PDG 21 04:12:58.2:0.2, 39.26N;21.51E, h10km,2km,ML3.3/13,
Error ellipse: s-maj=3.3km s-min=1.1km az=30.0
ATH 21 04:12:59.3, 39.25N;21.38E, h10km,3km,ML3.1/5, Error
ellipse: s-maj=3.4km s-min=1.0km az=20.0

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n114,c1827/156,mb3.6/9,12C-12D,Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in Greece and their recorded data.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Philippines and their recorded data.

HEL 21 04:13:03.2:0.9,65.72N;27.84E,h0km,ML1.3,
Explosion,Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in Finland and their recorded data.

HEL 21 04:13:14.6:0.1,67.73N;33.73E,h0km,ML1.3,
Explosion,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Baltic States and their recorded data.

NOU 21 04:17:09.0,32.53S;122.51E,h0km,MLV4.4/10,Western
Australia,Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in Western Australia and their recorded data.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BBSI, MTSU, BATI, BMT, WBO, WR0, WB2, WRA, WRS, QIS, TOL2, EDIF, CTAO, KAPI, MYLDM, AS31, ASAR, TGY, QLP, WRKA, INKA, OOD, EIDS, MBWA, PSA00, LCRK, MULG, AJLCR, STKA, CMTS, FORT, HZT, DZM, DZM, H11S3, H11S2, ARPS, MORW, JNU, NWA0, MJAR, NJ2, RPSI, PSI, KRSR, KRSR, GSI, GSI, TIA, PHRA, CMAR, CMAR, HNS, HNS, HNS, HNS, XAN, XAN, XAN, PZH, PZH, ASAJ, CD2, CD2, BNX, BNX, HNC, HNC, HNC, HNC, KLR, HEH, ULN, PETK, SONM, SONM, SHEM.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MA2, YAK, WMQ, WMQ, MK31, MKAR, MKAR, MAKZ, KSH, KSH, ZALV, ZALV, PPT2, PPT2, KURK, KURK, KURB, KURB, TIXI, GAR, GAR, SIMJ, SIMJ, KKAR, Vnda, Vnda, L14K, L14K, M14K, SBA, BVAR, BRVK, BRVK, H17K, H17K, L18K, L18K, KDAR, N19K, N19K, M20K, M20K, K20K, J20K, C19K, C19K, E19K, E19K, D19K, D19K, F20K, CAST, RCO1, MAW, MAW, PMR, PMR, SML, H23K, H23K, G23K, ABKAR, ABKAR, B22K, WRH, WRH, CCB, H24K, H24K, IL31, IL31, ILAR, ILAR, ILAR, C23K, D24K, J25K, FYU, J26L, E25K, E25K, D25K, D25K, BMAR, K27K, EGAK, EGAK, E27K, QSPA, QSPA, I28M, I28M, M29M, M29M, L29M, L29M, I29M, I29M, K29M, I30M, I30M.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like I30M, BBB, ELIB, YBH, SPITS, YKA, ARCES, TORD, DBIC, LPAZ, CPUP, CRAAG, TUN, ISC, ABSA, CMAH, CBST, CKFL, CRHA, CAEH, GHAT, GHAT, CBOGS, CASM, CTEI, COAT, CBHR, BLIT, BLIT, THTN, KRIT, KRIT, DFRA, CJSR, TROT, TROT, CAZD, CTCH, BERT, BERT, ISC, ISC, BATI, KAPI, KAPI, KDU, SONM, MKAR, ZALV, ZALV, KURBB, BVAR, ISC, ISC, HVO, NEIC, ISC, UWB, SBLH, UWE, OBL, HATHI, RSD, BYL, WRMH, KKO, RHM, SDHH, MLH, MLH, MLH, MLH, KANH, HLP, HLP, HLP, STCH, STCH, STCH, JOCU, JCUZ, HTC, HMM, HMM, HMM, JOKA, JOKA, MLOA, MLOA, MWH, PAH, ALEP, KHU, KHU, KHU, POHA, POHA, POHA, HPO.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BFZ Birch Farm, RWG Raukumara Rang, WIZ White Island, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WRA Warramunga Arr, WBO Warramunga Arr, WAO Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SBA Scott Base, VWA Vanda, GSPA South Pole Qui, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLH, STCH, NPOC, JCUZ, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB.

TEH 21 07:19:02.10.5, 34.07N, 0.03:55.97E, h0km, n90, az=171.0, Error ellipse: s-maj=23.9km s-min=3.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNSJ, TPRV, ANAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QAMS, IKRD, IEMG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBK, MAKZ, MK31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLR, AKASG, BURAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EKA, SPITS, ESCD, etc.

TEH 21 07:19:02.10.5, 34.07N, 0.03:55.97E, h0km, n90, az=171.0, Error ellipse: s-maj=23.9km s-min=3.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, etc.

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

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

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

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

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

TEH 21 08:05:36.3.1.7, 0.58N, 126.91E, h0km, mb3.8/4, mbtm3.9/4, Error ellipse: s-maj=157.1km s-min=21.5km

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, ZALV, I46RU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like TORD Torodi Ar, SpITS Spitsbergen Ar, JMJC Jan Mayen, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like AFAD 21 08:58:57.8, SANL SANLIURFA_Merk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ISK 21 08:59:23.6, ARPR Arapgir-MALATY, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like TAP 21 09:01:17.5, EAHA Aohua, EHP Heping Village, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like TAP 21 09:01:25.8, NFF Wufeng Townshi.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like NFF baz=84, LIOB Emel, LIOB baz=285, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 09:16:00.2, I46RU ZALESOVO INFRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 09:29:34.2, I46RU ZALESOVO INFRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 09:35:48.5, MOA Mollin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like LJU 21 09:36:01.4, GCIS Gornji Cirnik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 09:40:24.5, I46RU ZALESOVO INFRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like UPP 21 09:56:22.0, KUA Kurraava, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 10:10:25.4, RANF Ranua, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 10:10:25.4, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 21 10:12:22.5, WRA Warramunga Arr, etc.

Table with columns: ILAR, Eielson Array, 85.16 24 P, P, 10 24 58.5 -2.0. Includes GSPA, South Pole Pk, 87.86 180 P, P, 10 25 14.3 +0.4.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes BS04, Boso 4, 0.12 117 P, P, 10 18 40.2 +2.0.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes MJAR, Matsuhiro Arr, 2.21 313 P, P, 10 19 10.9 +0.7.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes STKA, Stephens Creek, 41.79 241 P, P, 10 44 24.7 -0.2.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes WRA, Warramunga Arr, 47.81 258 P, P, 10 45 12.4 -0.7.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes MSVF, Nonsavu, 3.37 273 P, P, 10 44 13.2 +2.9.

Table with columns: CAN, comp=2.6,4nn,0.7s, 35.12 240 P, P, 10 48 54.8 +1.1. Includes CMSA, Cobar Meteorol, 35.12 240 P, P, 10 48 54.8 +1.1.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes AS31, Alice Springs, 44.77 254 P, P, 10 50 11.1 +0.4.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes ADK, Adak, 69.56 1 P, P, 10 52 58.1 -0.3.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes O18K, Koktuh Hills, 72.82 12 P, P, 10 53 55.4 -0.1.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes J08A, Circle Bar Ran, 82.06 40 Iamb, Iamb, 10 54 09.1.

Table with columns: ILAR, Eielson Array, 85.94 13 P, P, 10 54 24.9 -1.1. Includes TXAR, Lajitas Array, 86.03 58 P, P, 10 54 28.9 +1.5.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes J25K, Salcha River, 86.14 14 P, P, 10 54 26.8 -0.2.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes DVP, Devils Point, 0.73 98 P, P, 10 48 47.4 +1.8.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes SDHHI, Sand Hill, 0.01 275 P, P, 11 31 29.1 +0.8.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes HPAH, Hawaii Prepara, 0.75 329 T, Sg, 11 31 51.1 -0.8.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, TXAR Lajitans Array, ULM Lae du Bonnet, STKA Stephens Creek, ASAR Alice Springs.

SJA 21 11:31:51.6:2.1, 22:03:5:67:33W, h150km, ML3.6, MW3.5
GUC 21 11:31:52.5:0.7, 22:05:5:67:73W, h187km, 7km, ML3.5
SCB 21 11:31:53.8:1.0, 22:10:5:67:52W, h152km, 13km, ML3.3/1, MW3.3, Error ellipse: s-maj=5.0km s-min=3.7km az=0.0

ISC 21 11:31:50.5:1.6, 22:13:5:04:6746W, 0.04, h190km, 12km, n37, c1978/61, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AF01 San Pedro de A, LVC Limon Verde, YJA Yavi, MOCB Mochara, PB06 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB15 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB15 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, PB04 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PATCX Punta Patache.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PATCX Punta Patache, PATCX Punta Patache, GO01 Chusmiza.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GO01 Chusmiza, GO01 Chusmiza, TA01 Diego Aracena.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, ZAP Zapla.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAP Zapla, PB11 IPOC Station P, PB11 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, SLA San Lorenzo.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLA San Lorenzo, PB10 IPOC Station P, SOEO Opoqueri.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEO Opoqueri, GO02 Mina Guanaco, PB14 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB14 IPOC Station P, PB14 IPOC Station P, PB12 IPOC Station P.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB12 IPOC Station P, AC01 Pan de Azucar, SOEJ Jacaque.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEJ Jacaque, BBOE La Paz, Chanca, LPAZ La Paz.

HEL 21 11:32:55.8:0.1, 63:99N:28:10E, h0km, ML1.6, Explosion
IDC 21 11:32:57.2:2.2, 63:87N:28:43E, h0km, mbtmp2.7/2, ML1.7/2, Error ellipse: s-maj=50.3km s-min=13.7km az=100.0

ISC 21 11:32:54.8:0.8, 63:96N:0:02:28:15E, 0:03, h0km, n30, c1919/43, Finland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIF Nilsia, RNF Romuvaara, RMF Oulu.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RMF Oulu, OUF Merjarvi, OUF Vikkela, Lumij.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUF Vikkela, Lumij, OBF4 Joensuu, JOF Joensuu.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOF Joensuu, OBF0 Syolatti, Pyha, OBF0 Syolatti, Pyha.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBF0 Syolatti, Pyha, MSF Masselka, KAF Kangasniemi.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RANF Rieikki, KU6 Keuruu, KEF Keuruu.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEF Keuruu, OLKF Oulanka, OLKF Oulanka.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OLKF Oulanka, RUF Ruokolahti, RUF Ruokolahti.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUF Ruokolahti, VAF Ylistaro, VAF Ylistaro.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAF Ylistaro, TOF Tornio, TOF Tornio.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOF Tornio, FINES FINESS Array B, FINES FINESS Array B.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, KALU Kalix, KALU Kalix.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KALU Kalix, RNF Rovaniemi, BURU Burvik.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BURU Burvik, UMAU Umeaa, KPF Kankaanpaa.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KPF Kankaanpaa, ERTU Ertsaari, KLF Kolari.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERTU Ertsaari, MEF Metsahovi, HEMU Hemsoen.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HEMU Hemsoen, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, I37NO I37NO, I37NO I37NO.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I37NO I37NO, NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 21 11:48:45.9:2.9, 38:66N:70:10E, h0km, mb3.7, mpv3.3.

SOME 21 12:15:53.4:4.1, 73N:83:55E, h20km
NNC 21 12:15:57.2:7.1, 81N:83:31E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=20.4km s-min=13.0km az=163.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

1205

KSAR	Wonju Array Be	45.39 344	P	P	13 14 54.7	-1.8
KSAR	Wonju Array Be	45.39 344	P	P	13 14 54.7	-1.8
KSRS	Korea Array	45.39 344	P	P	13 14 54.7	-1.8
comp=Z,3.3nm,0.8s,baz=164,slow=9.2,SNR=18						
KSRS	Chiang Mai Arr	49.34 301	P	P	13 31 34.3	
comp=Z,68nm,21.4s,baz=120,slow=33						
JTM	Tenmabayashi	46.66 359	P	P	13 15 05.0	-1.5
ENH	Enshi	48.01 321	P	P	13 15 15.5	-1.7
TIA	Tai'an	48.31 332	P	P	13 15 25.1	+5.6
comp=Z,11nm,0.9s						
CRAI	Chiangrai	48.92 303	P	I	13 15 22.5	-2.0
CRAI	Chiangrai	48.92 303	P	I	13 16 36.7	
comp=Z,12nm,0.8s						
CM31	Chiang Mai Arr	49.34 301	P	P	13 15 26.8	-0.8
CMAR	Chiang Mai Arr	49.34 301	P	P	13 15 26.4	-1.3
CMAR	Chiang Mai Arr	49.34 301	P	P	13 39 37.1	
comp=Z,30nm,18.1s,baz=120,slow=40						
CMAR	Chiang Mai Arr	49.34 301	P	P	13 15 26.4	-1.3
LYN	LuoYang	49.34 327	eP	P	13 15 32.3	+4.9
LYN	LuoYang	49.34 327	eP	P		
comp=Z,56nm,1.1s						
CHTO	Chiang Mai	49.49 301	P	P	13 15 26.5	-2.3
CHTO	Chiang Mai	49.49 301	P	P	13 15 26.5	-2.3
comp=Z,72nm,0.8s						
MSHR	Mys Shuitsea	49.51 349	iP	P	13 15 30.4	+1.9
MSHR	Mys Shuitsea	49.51 349	iP	P		
comp=Z,18nm,1.0s						
KMI	Kunming	49.53 310	iP	P	13 15 38.1	+8.8
KMI	Kunming	49.53 310	iP	P		
comp=Z,21nm,0.7s						
PSTR	Posyet	49.65 349	iP	P	13 15 28.6	-1.0
HNS	HongShan	50.41 331	iP	S	13 22 53.6	+6.4
HNS	HongShan	50.41 331	iP	S		
comp=Z,34nm,1.2s						
HNS	HongShan	50.41 331	iP	S		
comp=Z,100nm,17.5s						
HNS	HongShan	50.41 331	iP	S		
comp=Z,110nm,16.7s						
HNS	HongShan	50.41 331	iP	S		
comp=Z,85nm,15.9s						
USA0B	Ussuriysk Arra	50.94 350	P	P	13 15 37.4	-1.9
USA0B	Ussuriysk Arra	50.94 350	P	P	13 15 46.0	
comp=Z,17nm,0.8s						
USA0B	Ussuriysk Arra	50.94 350	P	P	13 15 38.9	-0.4
USA0B	Ussuriysk Arra	50.94 350	P	P	13 15 37.5	-1.7
USA0B	Ussuriysk Arra	50.94 350	P	P	13 15 37.8	-1.5
comp=Z,5.8nm,0.7s,baz=194,slow=8.8,SNR=11						
USRK	Ussuriysk Arra	50.94 350	P	P	13 34 35.7	
comp=Z,39nm,20.1s,baz=164,slow=33						
XAN	Xi'an	50.97 324	iP	P	13 15 46.5	+6.7
XAN	Xi'an	50.97 324	iP	P		
comp=Z,42nm,1.2s						
PZH	PanZhihua	51.03 311	P	P	13 15 41.6	+1.1
PZH	PanZhihua	51.03 311	P	P		
comp=Z,20nm,0.8s						
PZH	PanZhihua	51.03 311	P	P		
comp=Z,140nm,6.7s						
MDJ	Mudanjiang	51.78 348	P	P	13 15 51.3	+5.7
MDJ	Mudanjiang	51.78 348	P	P		
comp=Z,8.0nm,0.8s						
MDJ	Mudanjiang	51.78 348	P	P		
comp=Z,130nm,4.8s						
BJI	Beijing	51.89 334	P	P	13 15 51.8	+5.3
BJI	Beijing	51.89 334	P	P		
comp=Z,10.0nm,1.1s						
CD2	Chengdu	52.17 317	P	P	13 15 50.6	+1.8
CD2	Chengdu	52.17 317	P	P		
comp=Z,10.0nm,0.5s						
JOHN	Johnston Islan	52.62 64	P	P	13 15 49.6	-2.8
YSS	Yuzh-Sakhalins	52.81 0	P	I	13 15 51.2	-2.0
YSS	Yuzh-Sakhalins	52.81 0	P	I	13 16 02.9	
comp=Z,30nm,1.3s						
YSS	Yuzh-Sakhalins	52.81 0	P	I	13 15 52.6	-0.6
YSS	Yuzh-Sakhalins	52.81 0	P	I		
comp=Z,20nm,1.1s						
BNX	BinXian	53.32 347	iP	P	13 15 56.8	-0.2
BNX	BinXian	53.32 347	iP	P		
comp=Z,20nm,0.8s						
HHC	Hu-ho-hao-te	54.63 331	eP	P	13 16 08.5	+1.7
HHC	Hu-ho-hao-te	54.63 331	eP	P		
comp=Z,11nm,0.7s						
HHC	Hu-ho-hao-te	54.63 331	eP	P		
comp=Z,86nm,5.6s						
BTO	Baotou	55.19 330	eP	P	13 16 15.9	+5.0
BTO	Baotou	55.19 330	eP	P	13 16 31.8	+8.8
BTO	Baotou	55.19 330	eP	P	13 16 38.9	+19
comp=Z,24nm,0.4s						
BTO	Baotou	55.19 330	eP	P		
comp=Z,210nm,4.1s						
LZH	Lanzhou	55.40 322	iP	P	13 16 21.1	+8.5
LZH	Lanzhou	55.40 322	iP	P	13 16 31.8	+7.1
LZH	Lanzhou	55.40 322	iP	P		
comp=Z,34nm,1.4s						
KLR	Kul'dur	55.87 352	P	P	13 16 13.3	-2.2
KLR	Kul'dur	55.87 352	P	P	13 37 52.8	
comp=Z,3.1nm,0.7s,baz=167,slow=4.5,SNR=12						
KLR	Kul'dur	55.87 352	P	P	13 16 17.6	+2.1
comp=Z,22nm,21.6s,baz=168,slow=34						
KLR	Kul'dur	55.87 352	P	P	13 16 27.4	-0.3
comp=Z,3.1nm,0.7s						
KLR	Kul'dur	55.87 352	P	P		
comp=Z,14nm,1.1s						
HEH	HeiHe	57.60 349	eP	P	13 16 27.4	-0.3
HEH	HeiHe	57.60 349	eP	P		
comp=Z,4.0nm,0.9s						
HEH	HeiHe	57.60 349	eP	P		
comp=Z,140nm,4.3s						
RAR	Rarotonga	57.83 111	LR	LR	13 39 16.3	
comp=Z,38nm,20.3s,baz=269,slow=24						
SHL	Shillong	58.30 305	P	P	13 16 33.0	-0.4
SHL	Shillong	58.30 305	P	P	13 16 33.0	-0.4
comp=Z,33nm,1.2s						
GTA	Gaotai	59.98 323	P	P	13 16 45.9	+1.2
PEA0B	Petrovavlovsk	60.37 11	P	P	13 16 45.7	-1.3
PEA0B	Petrovavlovsk	60.37 11	P	P	13 16 51.5	+1.7
PETK	Petrovavlovsk	60.37 11	P	P	13 16 45.4	-1.5
PETK	Petrovavlovsk	60.37 11	P	P	13 16 44.1	-2.8
comp=Z,7.6nm,0.9s,baz=149,slow=5.0,SNR=5.8						
PETK	Petrovavlovsk	60.37 11	P	P	13 42 09.6	
comp=Z,22nm,20.2s,baz=198,slow=36						
PETK	Petrovavlovsk	60.37 11	P	P	13 16 45.4	-1.5
ZEA	Zeya	60.96 350	eP	P	13 16 51.1	+0.2
ZEA	Zeya	60.96 350	eP	P		
comp=N,20nm,1.3s						
ZEA	Zeya	60.96 350	eP	P		
comp=Z,30nm,0.9s						
ULN	Ulanbaatar	62.09 334	eP	P	13 16 59.1	+0.2
ULN	Ulanbaatar	62.09 334	eP	P		
comp=Z,2.0nm,0.8s						
SONM	Songino Array	62.36 333	P	P	13 16 59.7	-1.0
SONM	Songino Array	62.36 333	P	P	13 43 15.4	
comp=Z,53nm,20.5s,baz=139,slow=5.7,SNR=3.6						
SONM	Songino Array	62.36 333	P	P		
comp=Z,0.8nm,0.6s						
SHEM	Shemuya Is, Ala	64.46 21	LR	LR	13 40 06.3	
ZAK	Zakamensk	65.62 334	eP	P	13 17 21.9	-0.1
ZAK	Zakamensk	65.62 334	eP	P		
comp=Z,13nm,1.2s						
MA2	Magadan	65.79 5	P	P	13 17 20.7	-2.1
MA2	Magadan	65.79 5	P	P	13 17 19.8	-2.9
comp=Z,11nm,0.8s,baz=164,slow=4.5,SNR=5.1						
MA2	Magadan	65.79 5	P	P	13 48 11.5	
comp=Z,13nm,18.2s,baz=129,slow=38						
MA2	Magadan	65.79 5	P	P	13 17 20.7	-2.1
comp=Z,35nm,1.2s						
PPT	Papeete	67.22 106	LR	LR	13 44 52.4	
PPT2	Papeete2	67.22 106	eLR	LR	13 37 46.2	
PPT2	Papeete2	67.22 106	eLR	LR	13 37 54.2	
comp=Z,130nm,24.5s						
KIWB	Kanaga Island	67.23 26	P	P	13 17 30.6	-1.5
HYB	Hyderabad	67.26 292	eP	P	13 17 33.0	+0.5
ADK	Adak	67.46 26	P	P	13 17 31.8	-1.7
ADK	Adak	67.46 26	P	P	13 17 31.8	-1.7
ADK	Adak	67.46 26	P	P		

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TBI	Tubuai	67.52 113	eLR	LR	13 37 49.1	
comp=Z,35nm,1.2s						
YAK	Yakutsk	68.63 354	LR	LR	13 45 55.2	
YAK	Yakutsk	68.63 354	iP	P	13 17 43.9	+3.2
comp=Z,40nm,20.5s,baz=190,slow=34						
SEY	Seymchan	69.24 5	P	P	13 17 42.0	-2.5
SEY	Seymchan	69.24 5	P	P		
comp=Z,2.9nm,0.5s						
SEY	Seymchan	69.24 5	P	P	13 17 44.1	-0.4
SEY	Seymchan	69.24 5	P	P		
comp=Z,3.0nm,0.6s						
WMQ	Urumqi	69.95 321	eP	P	13 17 50.5	+1.1
NIKH	Nikolski High	71.76 29	P	P	13 18 02.2	+0.1
VNDA	Vanda	72.13 176	P	P	13 18 02.8	+0.8
VNDA	Vanda	72.13 176	P	P	13 18 05.7	
comp=Z,21nm,1.6s						
VNDA	Vanda	72.13 176	P	P	13 18 02.3	+0.3
comp=Z,4.3nm,0.8s,baz=330,slow=7.0,SNR=32						
VNDA	Vanda	72.13 176	P	P	13 50 12.9	
comp=Z,120nm,18.1s,baz=335,slow=36						
VNDA	Vanda	72.13 176	P	P	13 18 02.8	+0.8
VNDA	Vanda	72.13 176	P	P		
comp=Z,21nm,1.7s						
P08K	Saint George I	73.73 25	P	P	13 18 12.1	+0.4
MAK31	Makanchi Array	74.72 322	P	P	13 18 17.9	+0.1
MAK31	Makanchi Array	74.72 322	P	P	13 18 17.2	+0.4
MAK31	Makanchi Array	74.72 322	P	P	13 18 17.9	+0.1
MAK31	Makanchi Array	74.72 322	P	P	13 18 17.0	-0.8
comp=Z,2.7nm,0.8s,baz=109,slow=6.9,SNR=24						
MKAR	Makanchi Array	74.72 322	P	P	13 50 15.9	
comp=Z,20nm,21.4s,baz=147,slow=35						
MKAR	Makanchi Array	74.72 322	P	P	13 18 18.3	+0.5
MKAR	Makanchi Array	74.72 322	P	P		
comp=Z,3.0nm,0.8s						
MAK2	Makanchi	74.92 322	P	P	13 18 18.2	-0.7
MAK2	Makanchi	74.92 322	P	P	13 18 27.3	
comp=Z,25nm,1.3s						
MAK2	Makanchi	74.92 322	P	P	13 18 18.2	-0.7
MAK2	Makanchi	74.92 322	P	P		
comp=Z,2.9nm,1.0s						
BILL	Bilibino	75.84 9	eP	P	13 18 25.4	+1.7
BILL	Bilibino	75.84 9	eP	P	13 21 18.3	
BILL	Bilibino	75.84 9	eP	P	13 28 11.4	+7.4
comp=Z,4.0nm,1.0s						
BILL	Bilibino	75.84 9	eP	P		
comp=Z,25nm,20.0s						
KSH	Kashi	76.09 313	P	P	13 18 27.0	+1.1
KSH	Kashi	76.09 313	P	P	13 18 35.3	+0.3
KSH	Kashi	76.09 313	P	P	13 18 51.4	+1.3
comp=Z,4.0nm,1.3s						
NIL	Nilore	76.31 307	P	P	13 18 25.8	-1.4
NIL	Nilore	76.31 307	P	P	13 18 25.8	-1.4
NIL	Nilore	76.31 307	P	P		
comp=Z,25nm,1.0s						
S12						

21d 13h

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN, AzE, ElE, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN. Rows include stations like E19K Redstone River, C19K Lookout Ridge, etc.

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Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN, AzE, ElE, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN. Rows include stations like M26K Nabesna, H25L Birch Creek, L26K Log Cabin Wild, etc.

1206

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN, AzE, ElE, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN. Rows include stations like BBB Bella Bella, KIRV Kirov, YBH Yreka Blue Hor, etc.

MOS 21 13:11:39.9, 0.7, 52.85N, 160.91E, h59km, mb4.1/1, Error ellipse: s-maj=6.3km s-min=4.5km az=95.3
KRSC 21 13:11:39.9, 1.1, 52.93N, 160.94E, h43km, 17km, M4.5
IDC 21 13:11:42.8, 1.8, 52.77N, 160.70E, h73km, 16km, mb3.5/12, mbtmp3.9/14, MS2.8/1, Error ellipse: s-maj=27.9km s-min=14.1km az=3.0

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN, AzE, ElE, AzS, ElS, AzL, ElL, AzR, ElR, AzT, ElT, AzB, ElB, AzO, ElO, AzN, ElN. Rows include stations like SPN Mys Shipunski, SPN Mys Shupunski, NLC Nalytchevo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CIRR Tsirk, ES0 Esso, KRRS Krestovskiy, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kurchatov, JRA Rausu, etc.

NEIC 21 14:03:12.9.2.6.38.78N.0.01.122.63W.0.02, h6km,7km, Error ellipse: s-maj=2.5km s-min=1.4km az=220.0

NCEDC 21 14:03:12.8.1.2.38.78N.0.02.122.71W.0.03, h1km,2km, M.L2.7/29, M.L2.7/40(NEIC), Error ellipse: s-maj=3.2km s-min=2.3km az=75.0, Northern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GCRM Castle Rock Sp, GBSM Boggs Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOLM Olema, GHMM Hull Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSLM San Luis and Hills, JMGJ Milagra Ridge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLD San Luis Dam, BEKR Beckworth, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NV11 comp=N,16nm,1.6s, NV11 comp=N,11nm,2.4s, etc.

IDC 21 14:26:00.5.1.9.28.67S.177.05W, h0km, mb3.6/3, mbmp3.8/7, MS3.1/1, Error ellipse: s-maj=37.6km s-min=28.9km az=152.0

ISC 21 14:26:07.2.1.7.28.75S.0.2.177.2W.0.2, h48km, n7, o=63/6, mb3.3/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO 867nm,0.3s, etc.

IDC 21 14:31:36.7.2.1.9.11S.160.56E, h0km, mb3.8/7, mbmp3.8/7, MS3.0/1, Error ellipse: s-maj=73.9km s-min=31.4km az=133.0

ISC 21 14:31:46.1.1.7.9.15S.0.3.160.5E.0.3, h69km, n8, f120/7, mb3.5/7, Bougainville-Solomon Islands region

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

IDC 21 14:38:46.7.3.7.28.75S.177.09W, h0km, mb3.7/3, mbmp3.7/3, MS3.5/4, Error ellipse: s-maj=102.7km s-min=40.5km az=38.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, etc.

IDC 21 14:40:40.2.0.8.22.74N.145.78E, h0km, mb3.8/13, mbmp3.8/15, M.L4.0/1, Error ellipse: s-maj=24.9km s-min=18.2km az=83.0

ISC 21 14:40:42.4.0.9.22.3N.0.1.145.6E.0.2, h10km, n16, e=190/17, mb4.0/13, North Pacific Ocean

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

NOU 21 14:54:49.0.32.93S.179.27W, h261km, mb5.0/79, South of Kermadec Islands

NEIC 21 14:54:50.7.2.8.32.70S.0.0.8.179.9W.0.1, h237km, 3km,

BFCF	Mount Baldy Ra	88.66	47	P	P	15 07 18.2	+2.1
YUH	Yutha Desert	88.71	49	I	Amb	15 07 19.7	
YEH	Vestal, Richgr	88.87	45	P	P	15 07 18.8	+2.0
EDW2	Edwards Air Fo	88.88	47	P	P	15 07 19.2	+2.1
SWSC	Sam W. Stewart	88.98	49	P	P	15 07 19.9	+2.5
CHNA	Chernabura Isl	88.98	12	P	P	15 07 17.3	+0.5
PFO	Pinyon Flats O	89.00	48	P	P	15 07 19.2	+1.5
PFO	Pinyon Flats O	89.00	48	P	P	15 07 20.1	+2.4
TPFO	Pinon Flats	89.00	48	P	P	15 07 19.9	+2.3
PMD	Palm Desert	89.07	48	I	Amb	15 07 21.1	
ISA	Isabella, Lake	89.12	46	P	P	15 07 20.3	+2.2
S12K	Black Hills	89.43	10	P	P	15 07 19.9	+0.9
LRMC	Laurel Mtn Rad	89.47	46	P	P	15 07 22.0	+2.1
BELC	Belle Mtn. Jos	89.54	48	P	P	15 07 22.4	+2.1
BC3	Big Chuckawall	89.66	49	P	P	15 07 23.2	+2.4
GLJ	Glamis	89.67	50	P	P	15 07 23.1	+2.3
MDJ	Mudanjiang	89.68	327	P	P	15 07 20.8	+0.4
KHMM	Horse Mountain	89.74	39	I	Amb	15 07 24.1	
O02D	Mr. Diablo Mer	89.75	40	P	P	15 07 23.1	+2.1
HEC	Hector Ludlow	89.87	47	P	P	15 07 23.5	+1.8
CWC	Cottonwood Cre	89.87	45	P	P	15 07 23.9	+2.1
GSC	Goldstone, Bar	89.89	47	P	P	15 07 23.9	+2.1
MPMC	Manual Prospe	89.97	46	P	P	15 07 24.2	+1.9
113A	Mohawk Valley	90.17	50	I	Amb	15 07 26.6	
IRM	Iron Mountain	90.18	49	P	P	15 07 25.8	+2.8
MLAC	Mammoth, Mam	90.22	44	P	P	15 07 25.8	+2.4
GMRC	Granite Mounta	90.26	48	P	P	15 07 25.8	+2.3
214A	Organ Pipe Nat	90.28	52	I	Amb	15 07 27.4	
214A	Organ Pipe Nat	90.28	52	P	P	15 07 25.7	+2.1
KSXB	Camp Six Broad	90.35	38	I	Amb	15 07 26.8	
S14K	Fog Glacier	90.38	11	P	P	15 07 23.8	+0.7
TIA	Tai'an	90.42	314	P	P	15 07 24.8	+0.7
KBO	Bosley Butte	90.44	38	I	Amb	15 07 27.4	
TUQ	Turquoise Moun	90.52	47	P	P	15 07 26.7	+2.0
CHGN	Chignik	90.59	12	P	P	15 07 24.6	+0.3
SHOC	Shoshone, Teco	90.61	47	P	P	15 07 26.9	+1.9
CHIR	Chirikof Islan	90.65	13	P	P	15 07 26.4	+1.8
GRAC	Grapevine Rang	90.67	45	I	Amb	15 07 28.9	
GRAC	Grapevine Rang	90.67	45	P	P	15 07 29.3	+1.6
L02F	Cave Junction	90.72	38	I	Amb	15 07 28.4	
YBH	Yreka Blue Hor	90.89	39	P	P	15 07 28.6	+2.3
NEE2	Needles Airpor	90.91	48	P	P	15 07 28.4	+2.0
PDMCI	Parker Dam, Lak	90.91	49	P	P	15 07 28.4	+2.0
GMN	Gold Mountain	90.94	45	P	P	15 07 28.5	+1.7
NVAR	Mina Array Bea	91.07	44	P	P	15 07 28.6	+1.3
NVAR	Mina Array Bea	91.07	44	P	P	15 07 28.3	+0.9
K02D	Williamette Me	91.08	38	I	Amb	15 07 29.9	
RYN	Ryan	91.08	43	I	Amb	15 07 29.7	
NV11	Mina Array Sit	91.16	44	I	Amb	15 07 30.1	
HUMO	Hull Mountain	91.38	38	P	P	15 07 30.7	+2.3
HUMO	Hull Mountain	91.38	38	I	Amb	15 07 32.4	
DBO	Dodson Butte	91.60	38	I	Amb	15 07 32.3	
TUC	Tucson	91.85	52	P	P	15 07 34.0	+3.1
TUC	Tucson	91.85	52	P	P	15 07 33.0	+2.1
S11A	Rachel	92.07	46	I	Amb	15 07 34.5	
319A	Douglas	92.29	54	I	Amb	15 07 36.2	
OHAK	Old Harbor	92.43	14	P	P	15 07 34.3	+1.6
I04A	Tendick Farm,	92.50	38	I	Amb	15 07 35.6	
R11B	Troy Canyon, C	92.62	45	P	P	15 07 35.6	+1.2
CMAR	Chiang Mai Arr	92.67	290	PP	PP	15 11 19.8	-0.7
H04D	Lebanon	92.85	37	I	Amb	15 07 37.7	
Q17K	Contact Creek	92.90	12	P	P	15 07 36.2	+1.1
U15A	North Rim	93.42	48	I	Amb	15 07 41.6	
005D	Terrebonne, OR	93.43	38	I	Amb	15 07 40.2	
WUAZ	Wupatki	93.44	50	P	P	15 07 39.6	+1.4
KNB	Kanab	93.46	48	I	Amb	15 07 41.5	
WVOR	Wild Horse Val	93.57	41	I	Amb	15 07 41.0	
P17K	Kvichak River	93.68	12	P	P	15 07 38.4	-0.1
M13K	Dall Lake	93.84	8	P	P	15 07 40.2	+1.0
Q19K	Cape Douglas,	93.94	13	P	P	15 07 41.6	+1.8
121A	Cookes Peak, D	94.00	54	P	P	15 07 41.4	+0.6
N15K	Kwehluik River	94.03	10	I	Amb	15 07 42.1	
N15K	Kwehluik River	94.03	10	P	P	15 07 41.1	+0.9
P18K	Big Mountain,	94.08	12	P	P	15 07 40.6	+0.2
Q17K	Koliganek Bris	94.11	11	P	P	15 07 40.3	-0.2
XAN	Xi'an	94.27	308	PP	PP	15 07 47.3	+5.3
M14K	Bethel	94.34	9	P	P	15 07 42.0	+0.6
M15K	Kasiguk River	94.45	9	P	P	15 07 42.4	+0.4
O18K	Koktuh Hills	94.52	12	I	Amb	15 07 43.6	
O18K	Koktuh Hills	94.52	12	P	P	15 07 42.8	+0.4
N16K	Nishilik Lake	94.52	10	P	P	15 07 43.3	+0.9
P19K	Oil Pt	94.69	13	P	P	15 07 43.4	+0.2
N17K	Nushagak Hills	94.81	11	P	P	15 07 44.4	+0.7
L14K	Kuka Creek	94.82	8	P	P	15 07 44.3	+0.7
VHRN	Van Horn	94.92	57	I	Amb	15 07 47.3	
PZH	Panzhihua	94.98	298	P	P	15 07 45.1	-0.4
PZH	comp=Z,10.0nm,0.8s			P	P		
M16K	Timber Creek	95.01	10	P	P	15 07 45.2	+0.6
ILSW	Southw	95.02	13	I	Amb	15 07 46.3	
TXAR	Lajitas Array	95.02	58	P	P	15 07 47.2	+1.7
TXAR	comp=Z,1.9nm,1.1s,baz=245,slow=5.4,SNR=1.2			PP	PP	15 11 39.9	+1.1
MNTX	Cornudas Mount	95.17	56	P	P	15 07 45.9	-0.2
N18K	Kilker Creek	95.17	12	P	P	15 07 46.1	+0.8
O20K	Slope Mountain	95.21	13	P	P	15 07 46.3	+0.7
BRSE	Bradley Lake S	95.28	14	P	P	15 07 47.2	+1.3
L15K	Ungalak Mounta	95.30	9	P	P	15 07 45.9	0.0
G08A	Pilot Rock	95.32	38	I	Amb	15 07 49.5	
N19K	Bonanza Creek	95.54	12	P	P	15 07 47.5	+0.3
L16K	Owhat River	95.60	10	P	P	15 07 47.4	+0.1
M17K	Hoitna River	95.60	11	P	P	15 07 47.8	+0.6
MFID	Camas Ranch	95.77	41	I	Amb	15 07 50.3	
SEW	Seward	95.88	15	P	P	15 07 48.6	+0.1
K15K	Wolf Creek Mou	95.89	9	P	P	15 07 48.7	+0.1
M18K	Sto River	95.95	11	P	P	15 07 50.1	+1.2
L17K	Donlin	96.17	10	P	P	15 07 51.2	+1.3
GRU	San Rafael Swe	96.18	47	I	Amb	15 11 47.3	
SAB	Gambell	96.44	4	P	P	15 07 51.8	+0.9
L18K	Granite Mounta	96.50	11	P	P	15 07 52.1	+0.8
M19K	Big River Lodg	96.58	12	P	P	15 07 51.3	-0.4
HLID	Hailey	96.65	42	P	P	15 07 53.6	+0.8
RC01	Rabbit Creek A	96.71	14	P	P	15 07 54.1	+1.8
HHC	Hu-ho-hao-te	96.73	315	eP	P	15 07 55.8	+2.8
HHC	comp=Z,9.0nm,0.5s			P	P		
L19K	White Mountain	96.76	12	I	Amb	15 07 54.2	
L19K	White Mountain	96.76	12	P	P	15 07 53.2	+0.7
SUA	Susitna One	96.85	14	P	P	15 07 53.8	+0.8
EYAK	Cordova Ski Ar	97.11	16	P	P	15 07 55.9	+1.8
L20K	Farewell, AK	97.20	12	P	P	15 07 56.1	+1.5
J18K	Innoko River	97.67	10	P	P	15 07 57.6	+1.0
BMRM	Bremner River	97.75	17	P	P	15 07 58.6	+1.5
SCM	Sheep Creek Mo	97.89	15	P	P	15 08 00.2	+2.4
CAST	Castle Rocks	98.39	12	I	Amb	15 07 59.9	
PDAR	Pinedale Array	98.96	45	P	P	15 08 03.8	+0.5
PDAR	comp=Z,0.8nm,0.7s,baz=204,slow=6.3,SNR=7.9			PP	PP	15 12 08.6	-0.4
YUK3	Moose Creek	98.98	18	P	P	15 08 06.4	+1.4
M27K	Edge Creek, AK	99.61	17	P	P	15 08 06.5	+1.1
H19K	Roundabout Mou	99.66	10	P	P	15 08 06.9	+1.5
H20K	Antleneega Mo	99.86	10	P	P	15 08 07.9	+1.6
DLBC	Dease Lake	99.94	24	P	P	15 08 08.4	+1.5
K24K	Donnelly Dome	99.97	15	P	P	15 08 08.3	+1.4
G19K	Purcell Mounta	100.15	9	P	P	15 08 08.4	+0.8
HDA	Harding Lake	100.27	14	P	P	15 08 09.9	+1.7
SCRK	Sand Creek	100.52	15	P	P	15 08 10.2	+0.7
ILAR	Eielson Array	100.60	14	P	P	15 08 09.3	-0.3
ILAR	comp=Z,1.0nm,0.8s,baz=227,slow=5.9,SNR=9.0			PP	PP	15 12 14.4	-6.1
J25K	Salcha River	100.77	14	P	P	15 08 11.9	+1.4
H22K	Ishlathna Cre	100.79	12	P	P	15 08 11.7	+1.3
PKKR	Poker Plat Res	100.80	13	P	P	15 08 12.1	+1.6
J26L	Joseph Creek	101.06	15	P	P	15 08 12.6	+0.8
M30M	Minto, Yukon	101.11	19	P	P	15 08 13.4	+1.4
L29M	L29M	101.19	18	P	P	15 08 14.1	+1.7
F20K	Avaraat Lake	101.19	9	P	P	15 08 13.8	+1.6
C16K	Lisburne Hills	101.33	5	P	P	15 08 14.6	+1.9
E19K	Redstone River	101.38	9	P	P	15 08 14.5	+1.4
E9AK	Eagle	101.84	16	P	P	15 08 16.6	+1.5
KG2M	Barlow Dome	101.95	18	P	P	15 08 17.5	+1.7
E20K	Nigu River	102.27	9	P	P	15 08 17.6	+0.5
I28M	Miner Creek	102.69	16	P	P	15 08 20.1	+1.1
B18K	Kokolik River	102.70	6	P	P	15 08 20.5	+1.7
MMPY	Sheldon Lake,	102.73	21	P	P	15 08 20.7	+1.5
E21K	Killik River	102.74	10	P	P	15 08 20.5	+1.4
J30M	Hart River	102.85	18	P	P	15 08 21.5	+1.7
F24K	Squaw Lake</						

21d 16h

Table with columns: CIS, Catalonia Islan, 75.33 318, P, P, 16 19 27.1 +1.7, etc. Includes entries like P17A Butcher Ranch, RWWY Rawlins, VAH Vaihoo, etc.

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Table with columns: GRAC, bph=134, PKM Mcpherson Peak, 77.18 318, P, P, 16 29 14.9 +4.5, etc. Includes entries like Q12A Willow Creek R, GWC Cottonwood Cre, CMC Gold Mountain, etc.

1214

Table with columns: MORF, comp=Z,43nm,1.1s, IAmB, IAmB, 16 20 07.5, etc. Includes entries like MORF Marnelete, PTEO Sao Teotónio, MSO Missoula, etc.

LTY	comp=Z,301nm,1.4s Liberty	85.98 327	Iamb	Iamb	16 20 23.7
F04A	comp=Z,148nm,0.9s Amboy	86.00 325	Iamb	Iamb	16 20 23.7
B08A	comp=Z,342nm,1.0s Coville Reser	86.08 328	Iamb	Iamb	16 20 23.8
PBRG	comp=Z,179nm,1.2s Braganca	86.20 41	eP	P	16 20 23.7 +0.8
PBRG	comp=Z,89nm,0.9s PBRG		eP	pP	16 21 09.5 +1.6
PBRG			eS	P	16 30 44.8 +1.9
HEBO	comp=Z,239nm,0.9s Mount Hebo	86.24 324	Iamb	Iamb	16 20 25.8
PAB	comp=Z,242nm,1.0s San Pablo	86.32 44	P	P	16 20 24.2 +0.5
PAB	comp=Z,242nm,1.0s San Pablo	86.32 44	P	P	16 20 24.2 +0.5
PAB			pmax	pmax	
IVI	comp=Z,62nm,0.9s F03A	86.53 9	P	P	16 20 24.9 +0.9
IVI	comp=Z,62nm,0.9s F03A	86.60 324	Iamb	Iamb	16 20 27.1
ESDC	comp=Z,231nm,1.0s Sonseca Array	86.64 44	P	P	16 20 25.5 +0.4
ESDC	comp=Z,231nm,1.0s Sonseca Array	86.64 44	P	P	16 20 25.8 +0.6
ESDC	comp=Z,24nm,1.0s,ba=57,slow=2.3,SNR=6.7 PKKPbc				16 38 21.0 +0.1
RADR	comp=Z,24nm,1.0s Rader Ridge	87.04 325	Iamb	Iamb	16 20 29.3
GNW	comp=Z,190nm,0.9s Green Mountain	87.28 326	Iamb	Iamb	16 20 29.6
WISH	comp=Z,132nm,0.9s Wishkah	87.48 325	Iamb	Iamb	16 20 31.6
NLWA	comp=Z,238nm,0.9s Neilton Lookou	87.70 325	Iamb	Iamb	16 20 32.4
B04A	comp=Z,216nm,1.1s Port Angeles	87.95 326	Iamb	Iamb	16 20 33.5
PGC	comp=Z,169nm,1.0s Sidney	88.31 326	Iamb	Iamb	16 20 35.0
C03A	comp=Z,237nm,0.9s Quillayute Air	88.42 325	Iamb	Iamb	16 20 36.0
LSZ	comp=Z,151nm,0.9s Lusaka	88.52 106	P	P	16 20 35.9 +1.1
LSZ	comp=Z,151nm,0.9s Lusaka	88.52 106	P	P	16 20 37.0 +2.2
LSZ	comp=Z,151nm,0.9s Lusaka	88.52 106	P	P	16 20 35.9 +1.1
LSZ			pmax	pmax	
OZB	comp=Z,49nm,0.9s Mount Ozzard	89.54 326	Iamb	Iamb	16 20 40.8
CASY	comp=Z,196nm,0.8s Casey	89.73 179	P	P	16 20 40.1 +0.8
CMBS	comp=Z,148nm,1.0s Campbell River	90.15 327	Iamb	Iamb	16 20 43.5
XMAS	comp=Z,118nm,1.1s Kiritimati	91.15 272	P	Iamb	16 20 46.4 -0.5
XMAS			Iamb	Iamb	16 20 51.5
HOLB	comp=Z,37nm,0.9s Holberg	91.92 326	Iamb	Iamb	16 20 51.4
RIGZ	comp=Z,237nm,0.9s Rimuhut	92.81 225	P	P	16 20 57.3 +3.1
MTW	comp=Z,237nm,0.9s Mount Morrison	92.83 222	P	P	16 20 56.3 +2.1
BBB	comp=Z,105nm,0.9s Bella Bella	92.84 327	Iamb	Iamb	16 20 55.7
MOZ	comp=Z,190nm,0.8s McQueen's Vall	92.99 219	P	P	16 20 55.5 +0.6
MRZ	comp=Z,190nm,0.8s Mangatainaka R	93.07 223	P	P	16 20 57.3 +1.9
MWZ	comp=Z,190nm,0.8s Matawai	93.17 225	P	P	16 20 58.8 +2.9
HAZ	comp=Z,190nm,0.8s Te Kaha	93.33 226	P	P	16 20 59.4 +2.9
RTZ	comp=Z,190nm,0.8s Ruatuhuna	93.36 225	Iamb	Iamb	16 21 00.6
URZ	comp=Z,155nm,1.2s Urewera	93.48 225	LR	LR	16 55 01.9
URZ	comp=Z,141nm,19.0s,ba=210,slow=30 Urewera	93.48 225	P	P	16 20 59.0 +1.7
KEST	comp=Z,10nm,0.8s,ba=289,slow=1.6,SNR=13 Kesra	93.64 52	P	P	16 20 58.2 +0.3
KEST	comp=Z,6.3nm,0.8s,ba=76,slow=3.4,SNR=4.8 PKKPbc				16 38 03.3 +0.2
KEST			LR	LR	17 02 55.7
LTZ	comp=Z,236nm,21.1s,ba=218,slow=35 Lake Taylor	93.78 219	Iamb	Iamb	16 21 01.4
RPZ	comp=Z,69nm,1.0s Rata Peaks	93.89 218	P	Iamb	16 21 00.1 +1.0
RPZ			Iamb	Iamb	16 21 01.7
RPZ	comp=Z,82nm,1.2s Rata Peaks	93.89 218	P	P	16 21 00.3 +1.2
THZ	comp=Z,32nm,0.9s,ba=144,slow=4.7,SNR=13 Topouse	94.03 221	Iamb	Iamb	16 21 02.8
THZ	comp=Z,32nm,0.9s Topouse	94.03 221	P	P	16 21 01.5 +1.7
THZ	comp=Z,32nm,0.9s Topouse	94.08 221	P	P	16 21 01.8 +1.8
NIFZ	comp=Z,32nm,0.9s Lichensteins R	94.10 225	P	P	16 20 58.4 -1.7
INZ	comp=Z,166nm,1.8s Inchbonie	94.29 219	Iamb	Iamb	16 21 03.3
YKA	comp=Z,166nm,1.8s Yellowknife Ar	94.33 340	P	P	16 21 00.3 -0.1
YKA	comp=Z,72nm,0.8s,ba=132,slow=4.5,SNR=238 Yellowknife Ar	94.33 340	P	P	16 21 00.9 +0.5
YKA	comp=Z,0.6nm,0.7s,ba=328,slow=2.2,SNR=3.8 PKKPbc				16 38 02.2 -0.1
MRNZ	comp=Z,72nm,0.8s Matariki Terra	94.34 221	P	P	16 21 02.8 +1.6
MLZ	comp=Z,156nm,2.0s Mavora Lakes	94.44 216	Iamb	Iamb	16 21 01.9 +0.2
MLZ			Iamb	Iamb	16 21 03.7
HG4B	comp=Z,62nm,1.0s Hot Springs	94.45 326	Iamb	Iamb	16 21 02.7
VRZ	comp=Z,62nm,1.0s Vera Road	94.48 223	P	P	16 21 03.8 +1.9
DSZ	comp=Z,64nm,0.9s Denniston Nort	94.69 220	Iamb	Iamb	16 21 04.0
TOZ	comp=Z,64nm,0.9s Tahuroa Road	94.83 225	Iamb	Iamb	16 21 06.3
QRZ	comp=Z,125nm,1.1s Quartz Range	94.83 221	Iamb	Iamb	16 21 04.5
QRZ	comp=Z,125nm,1.1s Quartz Range	94.83 221	P	P	16 21 03.5 +0.2
DCZ	comp=Z,125nm,1.1s Deep Cove	94.88 215	P	P	16 21 03.9 +0.4
RUBB	comp=Z,58nm,1.6s Prince Rupert	95.15 328	Iamb	Iamb	16 21 06.4
BORG	comp=Z,131nm,19.9s,ba=218,slow=33 Borgarnes	95.16 18	LR	LR	17 00 45.8
H02S1	comp=Z,131nm,19.9s,ba=218,slow=33 DAWSON INLET T	95.60 327	P	P	16 21 06.7 +0.3
TOAD	comp=Z,129nm,0.8s,ba=129,SNR=57 Toad River Com	95.66 334	P	P	16 21 06.8 +0.3
U35K	comp=Z,125nm,0.9s,ba=125,SNR=57 Hyder	95.96 330	P	P	16 21 07.9 0.0
EKA	comp=Z,9.0nm,0.9s,ba=249,slow=3.0,SNR=9.8 Eskdalemuir Ar	96.09 31	P	P	16 21 07.7 -0.9
V35K	comp=Z,9.0nm,0.9s,ba=249,slow=3.0,SNR=9.8 Ketchikan	96.36 329	P	P	16 21 10.7 +0.9
T35M	comp=Z,124nm,0.8s,ba=124,SNR=5.1 Bob Quinn	96.67 331	P	P	16 21 12.4 +1.2
CRAIG	comp=Z,115nm,2.0s Craig	97.16 328	Iamb	Iamb	16 21 15.3
CRAIG	comp=Z,115nm,2.0s Craig	97.16 328	P	P	16 21 13.8 +0.3
SENIN	comp=Z,97nm,1.4s Lac Senin/Sane	97.16 42	Iamb	Iamb	16 22 04.1
WRAK	comp=Z,97nm,1.4s Wrangell Islan	97.31 329	Iamb	Iamb	16 21 15.8
WRAK	comp=Z,97nm,1.4s Wrangell Islan	97.31 329	P	P	16 21 14.8 +0.7
DLBC	comp=Z,97nm,1.4s Dease Lake	97.41 332	Iamb	Iamb	16 21 16.8
DLBC	comp=Z,97nm,1.4s Dease Lake	97.41 332	P	P	16 21 15.8 +1.2
U3R3	comp=Z,97nm,1.4s Whale Pass	97.51 329	P	P	16 21 15.7 +0.8
BM3K	comp=Z,97nm,1.4s Maredsous	97.54 38	eP	P	16 21 15.5 +0.3
S34M	comp=Z,13nm,1.0s Telegraph Cree	97.59 331	Iamb	Iamb	16 21 17.5
S34M	comp=Z,13nm,1.0s Telegraph Cree	97.59 331	P	P	16 21 16.5 +1.2
T33K	comp=Z,123nm,1.0s Petersburg	97.81 330	P	P	16 21 17.2 +0.9
WLF	comp=Z,38nm,1.2s Walferdange	98.02 39	Iamb	Iamb	16 21 19.3
WLF	comp=Z,38nm,1.2s Walferdange	98.02 39	P	P	16 21 18.1 +0.6
R33M	comp=Z,38nm,1.2s Jennings River	98.36 332	P	P	16 21 20.0 +1.1
OSSC	comp=Z,38nm,1.2s Osservatorio P	98.41 46	Iamb	Iamb	16 25 19.5
BTNL	comp=Z,56nm,1.7s Ternell	98.48 38	eP	P	16 21 16.0 -3.4
TUE	comp=Z,56nm,1.7s Stuetta	98.49 43	P	P	16 21 20.6 +0.8
TGNT	comp=Z,56nm,1.7s Hyland Airport	98.49 335	P	P	16 21 20.5 +1.2
S32K	comp=Z,126nm,1.2s Killisnoo	98.91 330	P	P	16 21 21.6 +0.5

DAVOS	comp=Z,249nm,20.8s,ba=264,slow=34 Davos/Dischmat	98.94 43	LR	LR	17 04 42.9
SIT	comp=Z,249nm,20.8s,ba=264,slow=34 Sitka	99.05 329	P	P	16 21 22.1 +0.3
DAVA	comp=Z,249nm,20.8s,ba=264,slow=34 Damulus	99.16 42	eP	P	16 21 23.9 +1.2
DAVA	comp=Z,249nm,20.8s,ba=264,slow=34 Damulus		ePKKP	PKKPbc	16 37 47.5 -1.2
R32K	comp=Z,14nm,1.2s Eaglecrest	99.31 330	P	P	16 21 24.0 +1.1
FETA	comp=Z,14nm,1.1s,SNR=5.5 Feichten	99.57 43	eP	P	16 21 25.4 +0.8
FETA	comp=Z,14nm,1.1s,SNR=5.5 Feichten		iPKKP	PKKPbc	16 37 47.5 0.0
P33M	comp=Z,14nm,1.1s,SNR=5.5 Teslin, Yukon	99.59 333	P	P	16 21 25.3 +1.0
P32M	comp=Z,14nm,1.1s,SNR=5.5 Atlin	99.64 332	P	P	16 21 25.5 +1.0
RETA	comp=Z,15nm,1.2s,SNR=5.5 Reutte	99.79 42	iP	P	16 21 26.2 +0.8
RETA	comp=Z,15nm,1.2s,SNR=5.5 Reutte		ePKKP	PKKPbc	16 37 45.8 -0.9
S31K	comp=Z,7.8nm,1.5s Pelican	99.93 330	P	P	16 21 26.5 +0.9
R31K	comp=Z,7.8nm,1.5s City Hall, Gus	99.93 330	P	P	16 21 26.4 +0.7
MOTA	comp=Z,11nm,0.9s,SNR=6.4 Moosalm	99.94 43	iP	P	16 21 27.0 +0.7
MOTA	comp=Z,11nm,0.9s,SNR=6.4 Moosalm		eSKS	SKS	16 31 51.2 +3.1
MOTA	comp=Z,6.2nm,1.1s Mota		iPKKP	PKKPbc	16 37 46.0 -0.4
SQTA	comp=Z,11nm,0.8s,SNR=4.7 Sankt Quirin	99.95 43	iP	P	16 21 27.1 +0.8
SQTA	comp=Z,28nm,1.5s,SNR=8.2 Sankt Quirin		ePKKP	PKKPbc	16 37 46.2 -0.2
N32M	comp=Z,8.8nm,0.7s Quiet Lake	100.20 333	P	P	16 21 28.0 +1.0
WATA	comp=Z,16nm,1.3s,SNR=5.8 Walderalm	100.23 43	iP	P	16 21 28.2 +0.7
WATA	comp=Z,16nm,1.3s,SNR=5.8 Walderalm		ePKKP	PKKPbc	16 37 45.0 -0.5
WTTA	comp=Z,4.7nm,1.0s Wattenberg	100.23 43	iP	P	16 21 28.6 +1.0
WTTA	comp=Z,4.7nm,1.0s Wattenberg		eSKS	SKS	16 31 53.5 +3.9
WTTA	comp=Z,6.3nm,1.1s WTTA		ePKKP	PKKPbc	16 37 45.2 -0.4
MMPY	comp=Z,10nm,0.7s Sheldon Lake,	100.28 335	P	P	16 21 28.3 +1.1
SKAG	comp=Z,10nm,0.7s Skagway	100.28 331	P	P	16 21 28.3 +1.1
RES	comp=Z,100.33 353 Resolute Bay	100.33 353	iP	P	16 21 27.3 +0.2
RES	comp=Z,100.33 353 Resolute Bay	100.33 353	iP	P	16 21 27.3 +0.2
ABTA	comp=Z,7.0nm,0.9s Abfattersbach	100.57 43	eP	P	16 21 29.7 +0.7
ABTA	comp=Z,7.5nm,1.3s Abta		eSKS	SKS	16 31 53.7 +2.7
ABTA	comp=Z,7.5nm,1.3s Abta		ePKKP	PKKPbc	16 37 43.7 -0.8
WHY	comp=Z,100.70 332 Whitehorse	100.70 332	P	P	16 21 29.7 +0.5
PLBC	comp=Z,100.73 331 Pleasant Camp	100.73 331	P	P	16 21 30.6 +1.4
LESA	comp=Z,5.8nm,0.8s Schwarzleotol	100.94 43	eP	P	16 21 31.1 +0.5
LESA	comp=Z,5.8nm,0.8s Schwarzleotol		eSKS	SKS	16 31 55.9 +3.1
LESA	comp=Z,15nm,1.2s Lesca		ePKKP	PKKPbc	16 37 42.6 -0.8
CADS	comp=Z,6.3nm,1.0s Cadrq	101.13 44	iP	P	16 21 33.3 +1.9
CADS	comp=Z,6.3nm,1.0s Cadrq		iPKKPbc	PKKPbc	16 31 55.8 +2.1
CADS	comp=Z,6.3nm,1.0s Cadrq		iPKKPbc	PKKPbc	16 37 41.8 -0.9
CADS	comp=Z,6.3nm,1.0s Cadrq		iPKKPbc	PKKPbc	16 38 06.7
KBA	comp=Z,101.22 43 Koelnbreinsper	101.22 43	eP	P	16 21 32.2 +0.2
KBA	comp=Z,5.1nm,0.8s KBA		eSKS	SKS	16 31 55.8 +1.5
KBA	comp=Z,6.5nm,1.2s KBA		ePKKP	PKKPbc	16 37 41.3 -1.4
MYKA	comp=Z,4.0nm,0.8s Terra Mystica	101.23 44	eP	P	16 21 32.7 +0.8
MYKA	comp=Z,4.2nm,1.0s MYKA		eSKS	SKS	16 31 56.4 +2.3
MYKA	comp=Z,16nm,1.6s MYKA		ePKKP	PKKPbc	16 37 41.9 -0.7
O30N	comp=Z,4.4nm,0.9s Mendenhall	101.27 332	P	P	16 21 32.7 +1.0
M31M	comp=Z,101.29 334 Drury Creek, Y	101.29 334	P	P	16 21 32.6 +0.9
P30M	comp=Z,101.32 331 Million Dollar	101.32 331	P	P	16 21 32.7 +0.8
P29M	comp=Z,101.43 331 Windy Craggy	101.43 331	P	P	16 21 33.4 +1.0
N31M	comp=Z,101.49 333 Brueburn, Yuko	101.49 333	P	P	16 21 33.6 +0.9
LJU	comp=Z,101.57 45 Ljubljana	101.57 45	eSKS	SKS	16 31 57.2 +1.5
LJU	comp=Z,101.57 45 Ljubljana		iPKKPbc	PKKPbc	16 37 41.4 -0.1
LJU	comp=Z,101.57 45 Ljubljana		iPKKPbc	PKKPbc	16 38 05.4
BIOA	comp=Z,101.65 43 Bad Ischl, Aus	101.65 43	eSKS	SKS	16 31 56.2 +0.2
BIOA	comp=Z,7.8nm,1.4s BIOA		ePKKP	PKKPbc	16 37 39.7
OBKA	comp=Z,3.8nm,0.8s Obir	101.76 44	eP	P	16 21 35.3 +1.0
OBKA	comp=Z,5.6nm,1.0s OBKA		eSKS	SKS	16 32 02.0 +5.2
C36M	comp=Z,101.86 342 Paulatuk	101.86 342	P	P	16 21 35.5 +1.5
HYT	comp=Z,101.90 332 Haines Junctio	101.90 332	P	P	16 21 35.8 +1.2
N30M	comp=Z,102.03 333 Aishikik Lake	102.03 333	P	P	16 21 36.3 +1.3
MOA	comp=Z,102.10 43 Mollin	102.10 43	eP	P	16 21 36.1 +0.4
MOA	comp=Z,6.3nm,0.9s MOA		ePKKP	PKKPbc	

21d 16h

2018 JUN

1216

Table with columns for station ID, name, coordinates, and various data points. Includes stations like RABBIT Creek A, BURNT Mountain, BRADLEY Lake S, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like GRANITE MOUNTA, KOKWOK River B, HOLMSTADT River, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like LOOKOUT Ridge, ARCES ARCES Array B, TUKPAHLEIRIK C, etc.

Main table containing astronomical data for 2018 June, listing various celestial objects with their coordinates, magnitudes, and other parameters. The table is organized in columns and rows, with some rows containing multiple entries for the same object.

21d 17h

Table of astronomical observations for 21d 17h, listing station names, coordinates, and observation details.

2018 JUN

Main table of astronomical observations for 2018 JUN, listing station names, coordinates, and observation details.

1218

Table of astronomical observations for 1218, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, NNSB Datong, NNSB Nan Shan, etc.

JMA 21 17:05:30.0±0.2, 24.2N±0.4, 123.8E±0.4, h15km±1km, MV0.8/7, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyus Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

ICD 21 17:09:57.8±3.0, 2.08S±137.76E, h0km, mb3.4/3, mbtmp3.5/4, ML3.8/1, MS3.6/1, Error ellipse: s-maj=123.7km s-min=26.4km az=84.0, Irian Jaya

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

RSNC 21 17:26:10.2±0.0, 5.1N±1.7, 74W±1.1, h143km±3km, M2.5, mb3.7, mb4.9, ML2.5, ML3.0, Mw(mb)4.2, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPBC San Pablo de B, CHIC Chingaza, ROSC El Rosal, etc.

ICD 21 17:41:21.1±1.1, 0.20N±124.40E, h0km, mb3.5/7, mbtmp3.5/7, Error ellipse: s-maj=187.6km s-min=18.1km az=84.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMSI Cibinong, KMSI Gorontalo, etc.

ISC 21 17:41:34.7±0.9, 0.05N±124.78E±0.07, h100km, n12, s=283/14, mb3.3/7, Minahassa Peninsula, Sulawesi

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

JMA 21 18:04:04.5±0.1, 43.8N±0.3, 145.4E±0.6, h21km±1km, MV3.0/36, NEAR KUNASHIRI ISLAND

SKHL 21 18:04:04.2±0.2, 43.90N±145.40E, h32km±3km, mb4.4/4, ISC 21 18:04:03.2±1.0, 43.86N±145.40E±0.03, h27km±9km, n12, s=65/23, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JRA Rausu, JNSB Nemuroshibetsu, YUK Yuzh-Kuril'sk, etc.

JMA 21 18:04:38.0±0.4, 33.1N±13.7E±1.1, h355km, MV2.4/8, FAR S OFF SHIZUOKA PREF

ICD 21 18:04:37.1±1.0, 33.23N±137.40E, h358km±18km, mb2.8/2, mbtmp3.4/6, Error ellipse: s-maj=44.2km s-min=19.2km az=32.0

ISC 21 18:04:37.2±1.0, 33.23N±137.34E±0.09, h350km, n11, s=19/13, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TTO2 TANOKAI O.B.S, JIE Ise, JYW Kouya, etc.

ICD 21 18:14:01.5±2.7, 36.43N±71.13E, h180km±24km, mb3.3/8, mbtmp3.8/15, Error ellipse: s-maj=20.7km s-min=15.0km az=5.0

ISC 21 18:14:02.6±1.1, 36.55N±71.08E±0.09, h188km, n16, s=11/17, mb3.5/8, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK Ala-Archa, GEYT Alibek, MKAR Makanchi Array, etc.

SOME 21 18:15:01.3, 41.95N±72.03E, h0km, KRNET 21 18:15:01.8±0.1, 41.88N±71.97E, h18km, mb2.7, NNC 21 18:15:03.0±0.9, 41.93N±71.97E, h0km, mb3.4, mpv3.2, Error ellipse: s-maj=10.1km s-min=3.6km az=178.0

ISC 21 18:15:01.8±0.9, 41.88N±71.97E±0.02, h13km±7km, n44, s=130/67, 17C-10L, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARK Arkit, MNAS Manas, MNAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRKS 8.6nm,0.3s, MRKS Merke, MRKS Uchtor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHH Osh, IUG luzhnay, IUG luzhnay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK Ala-Archa, USP Ospanovka, USP Ospanovka, etc.

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

ICD 21 18:53:04.8±1.3, 32.90N±15.98E, h0km, mb3.6/6, mbtmp3.7/12, ML3.6/5, MS3.1/9, Error ellipse: s-maj=34.4km s-min=20.7km az=157.0

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

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like KALE, ANX, IDI, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like BHZH, KRHZ, PNHZ, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like WRAB, WRA, WRAA, etc.

NEIC 21:19:33.08.4, 23:04S:174.70W, h26km, Moment Tensor Solution. Duration: 299 Moment tensor: Scale 10^17Nm; Mw=2.43, Mb=0.10, Ms=2.32, Mw0.50, Mw0.86, Mw1.072; Fault plane solution: Ms2.68000*10^17 Np1; q=183.86000, s=52.82000, t=70.54000; NP2q=34.00000, s=41.30000, t=113.71000; Principal axes: T 2.6816, Plg73.0000, Azm38.0000; N -0.0020, Plg15.0000; Azm196.0000; P -2.6796, Plg6.0000; Azm287.0000; NEIC 21:19:33.08.4, 22:54S:174.91W, h26km; BUJ 21:19:33.09.0.0, 22:68S:174.89W, h13km, mb5.6/68, mb5.9/67, Ms5.6/81, Ms7.5/474; NEIC 21:19:33.09.1, 8.22:61S:0.08:174.90W:0.0, h10km, 1km, mb5.4/222, Ms 20.5.6/984, Mw5.5/47, Mw5.6/24, Error ellipse: s-maj=16.5km s-min=10.9km az=122.0; Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mw=1.54, Mb=0.08, Ms=1.62, Mw0.82, Mw1.62, Mw1.079; Fault plane solution: Ms2.53000*10^17 Np1; q=189.46000, s=34.47000, t=95.0000; NP2q=46.62000, s=61.32000, t=109.99000; Principal axes: T 1.9103, Plg67.0000, Azm355.0000; N 0.9626, Plg17.0000; Azm217.0000; P -2.8729, Plg14.0000; Azm122.0000; IDC 21:19:33.09.0.4, 22:73S:175.53W, h0km, mb5.0/26, mbmp5.0/27, ML5.7/1, MS5.3/55 Error ellipse: s-maj=14.7km s-min=11.3km az=134.0; NEIC 21:19:33.10.2, 22:55S:174.84W, h16km; NOU 21:19:33.10.1, 22:99S:174.62W, h18km, ML5.6/114, Tonga Islands Region; MOS 21:19:33.12.3.1.1, 22:79S:175.25W, h24km, mb5.5/31, MS5.4/40, Error ellipse: s-maj=10.5km s-min=8.2km az=89.7; GCMT 21:19:33.14.6.0.1, 23:00S:0.01:174.95W:0.0, h17km, MW5.6/157, Moment Tensor Solution. s126.c250; s157.c319; Duration: 155 Moment tensor: Scale 10^17 Nm; Mw=2.51; t3; Mw0.46; t2; Mw0.204; t3; Mw0.94; t7; Mw0.116; t2; Mw1.58; t7; Best double couple: Ms3.17100*10^17 Np1; q=30.00000, s=83.00000, t=192.00000; NP2q=206.00000, s=327.00000, t=867.00000; Principal axes: T 3.1000, Plg72.0000, Azm304.0000; N 0.1490, Plg2.0000, Azm209.0000; P -3.2420, Plg18.0000; Azm11.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function; ISC 21:19:33.11.4.0.4, 22:85S:0.04:174.95W:0.05, h18km, 1km, h18km; pP-P, m1562, t1973/1159, mb5.4/196, MS5.6/51, 102C-8D, Tonga Islands region

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like TARA, TARA, WHZ, WHZ, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like KMBL, KMBL, SWI, SWI, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like NIUE, NIUE, NIUE, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like RABL, RABL, TOO, TOO, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res. Includes stations like GSPA, GSPA, GSPA, etc.

21d 19h

O14K	comp=Z,2um,20.0s Tiguykaiuiv M baz=193	82.58	7	P	P	19 45 33.4	+0.5
MYKOM	Kota Tinggi comp=Z,2um,1.3s	82.58	275	Iamb	Iamb	19 45 36.5	
O16K	King Salmon baz=197	82.63	10	P	P	19 45 33.8	+0.6
H04A	Detroit Lake comp=Z,2um,19.0s	82.67	35	IAMS_20	IAMS_20	20 18 34.3	
O15K	Ungalikthiuk R baz=194	82.67	8	P	P	19 45 34.0	+0.6
BMN	Battle Mountai comp=Z,3um,18.0s	82.73	41	IAMS_20	IAMS_20	20 21 07.5	
PINE	Pine Mountain comp=Z,3um,19.0s	82.75	36	IAMS_20	IAMS_20	20 17 27.4	
P16K	Nushagak River baz=196	82.78	9	P	P	19 45 34.4	+0.5
F03A	Seaside comp=Z,2um,18.0s	82.81	33	IAMS_20	IAMS_20	20 23 41.8	
I05D	Terrebonne, OR comp=Z,2um,18.0s	82.89	36	IAMS_20	IAMS_20	20 23 10.2	
X16A	Lo Mia Camp, P X16A	82.94	48	P	P	19 45 36.3	+0.6
RADR	Rader Ridge comp=Z,2um,18.0s	83.03	33	IAMS_20	IAMS_20	20 23 14.5	
WVOR	Wild Horse Val comp=Z,2um,18.0s	83.16	9	P	P	19 45 35.8	+0.1
P17K	Kvichak River baz=197	83.19	7	P	P	19 45 36.3	+0.3
N14K	Kuskokwak Cree baz=192	83.19	7	P	P	19 45 36.3	+0.3
E03A	Lebam E03A	83.23	33	P	Iamb	19 45 36.6	0.0
E03A	comp=Z,53nm,1.1s			IAMS_20	IAMS_20	20 23 29.9	
M11K	Mekoryuk baz=188	83.24	4	P	P	19 45 37.3	+1.0
Q20K	Shuyak Island baz=201	83.29	12	P	P	19 45 37.2	+0.6
SY01	Shuyak Island comp=Z,2um,20.0s	83.31	9	P	P	19 45 34.4	-2.3
O16K	Kokwok River B comp=Z,30nm,1.2s			IAMS_20	IAMS_20	20 21 10.8	
O16K	Kokwok River B baz=195,SNR=9.0	83.31	9	P	P	19 45 36.6	0.0
Q12A	Willow Creek R comp=Z,3um,18.0s	83.36	43	IAMS_20	IAMS_20	20 21 05.3	
Q19K	Cape Douglas, comp=Z,3um,20.0s	83.36	11	IAMS_20	IAMS_20	20 21 20.3	
Q19K	Cape Douglas, baz=200	83.36	11	P	P	19 45 37.2	+0.2
F04A	Amboy F04A	83.39	34	P	P	19 45 37.5	0.0
CCUT	Cedar City comp=Z,2um,18.0s	83.43	45	P	Iamb	19 45 40.3	+2.1
MOIG	Morelia comp=Z,50nm,1.5s	83.47	6	IAMS_20	IAMS_20	20 18 01.6	
KNB	Kanab comp=Z,2um,18.0s	83.47	45	P	P	19 45 37.8	-0.5
KNB	Kanab comp=Z,84nm,1.5s	83.47	45	P	pmax	19 45 37.8	-0.5
KNB	MLR			MLR	MLR		
M13K	Dall Lake baz=191	83.50	6	P	P	19 45 39.4	+1.8
WISH	Wishkah comp=Z,2um,18.0s	83.52	32	IAMS_20	IAMS_20	20 23 56.6	
P18K	Big Mountain, comp=Z,2um,20.0s	83.54	10	IAMS_20	IAMS_20	20 21 25.9	
P18K	Big Mountain, baz=198,SNR=12	83.54	10	P	P	19 45 38.5	+0.6
NJ2	Nanjing comp=Z,2um,18.0s	83.56	309	eP	P	19 45 30.8	-7.8
NJ2	Nanjing comp=Z,2um,18.0s	83.56	309	S	SKSac	19 45 01.8	+1.3
NJ2	Nanjing comp=Z,2um,18.0s	83.56	309	SS	SS	20 01 11.3	-1.6
NJ2	comp=Z,22nm,1.6s			pmax	pmax		
NJ2	comp=Z,990nm,9.0s			LR	LR		
NJ2	comp=N,1um,18.0s			LR	LR		
NJ2	comp=E,680nm,23.2s			LR	LR		
WUAZ	Wupaki comp=Z,1um,17.8s	83.60	47	P	Iamb	19 45 40.4	+1.4
WUAZ	comp=Z,23nm,1.2s			IAMS_20	IAMS_20	20 19 19.1	
WUAZ	comp=Z,3um,18.0s	83.60	47	P	P	19 45 37.1	-1.9
N15K	Kwethluk River N15K	83.61	7	P	P	19 45 39.3	+1.0
N15K	Kwethluk River baz=194,SNR=6.6	83.61	7	P	P	19 45 39.2	+1.0
O17K	Koliganek Bris baz=196	83.62	9	P	P	19 45 38.5	+0.3
LL01	San Ignacio de comp=Z,3um,20.0s	83.63	133	IAMS_20	IAMS_20	20 15 25.5	
SPR3	Spring Creek 3 SPR3	83.65	43	P	Iamb	19 45 39.9	+0.5
SPR3	comp=Z,24nm,1.4s			IAMS_20	IAMS_20	20 22 05.0	
NLWA	Neilton Lookou comp=Z,2um,18.0s	83.66	32	IAMS_20	IAMS_20	20 23 45.3	
PSUT	Pine Spring PSUT	83.68	44	P	Iamb	19 45 39.5	+0.1
PSUT	comp=Z,27nm,1.4s			IAMS_20	IAMS_20	20 22 49.9	
O03A	Quillayute Air comp=Z,2um,18.0s	83.71	31	IAMS_20	IAMS_20	20 23 41.5	
I07A	Izee comp=Z,2um,19.0s	83.72	37	IAMS_20	IAMS_20	20 18 19.3	
J08A	Circle Bar Ran J08A	83.83	38	P	P	19 45 40.9	+0.9
G06A	Carlson Farm, comp=Z,3um,18.0s	83.86	35	IAMS_20	IAMS_20	20 23 42.8	
M14K	Bethel baz=192,SNR=14	83.97	6	P	P	19 45 37.6	-2.4
M14K	Bethel baz=192,SNR=14	83.97	6	P	P	19 45 41.1	+1.1
O18K	Koktuh Hills O18K	83.98	10	P	P	19 45 38.5	-1.7
O18K	Koktuh Hills baz=198,SNR=19	83.98	10	P	P	19 45 40.2	0.0
X18A	Snowflake comp=Z,3um,18.0s	84.03	49	IAMS_20	IAMS_20	20 19 28.8	
M15K	Kasigliuk River baz=183,SNR=25	84.05	7	P	P	19 45 41.7	+1.2
PKC0	Pink Cliffs N16K	84.05	45	P	P	19 45 40.6	-0.9
N16K	Nishlik Lake baz=195	84.07	8	P	P	19 45 41.6	+1.0
MDJ	Mudanjiang MDJ	84.07	324	P	P	19 45 42.6	+1.6
MDJ	MDJ			pp	pp	19 45 43.8	-1.0
MDJ	MDJ			pp	pp	19 48 52.8	-2.6
MDJ	MDJ			S	S	19 56 08.8	+4.2
MDJ	MDJ			S	S	19 56 14.0	+1.8
MDJ	comp=Z,87nm,1.0s			pmax	pmax		
MDJ	comp=Z,1um,5.2s			LR	LR		
MDJ	comp=Z,960nm,20.6s			LR	LR		
MDJ	comp=Z,1um,20.6s			LR	LR		
MDJ	comp=Z,3um,19.2s			LR	LR		
MDJ	Mudanjiang MDJ	84.07	324	P	P	19 45 41.9	+0.9
MDJ	Mudanjiang comp=Z,2um,20.0s	84.07	324	IAMS_20	IAMS_20	20 21 15.1	
P19K	Oil Pt P19K	84.12	11	P	P	19 45 41.9	+1.0
P19K	Oil Pt baz=200	84.12	11	P	P	19 45 41.1	+0.2
ELK	Elko GNW	84.12	41	P	P	19 45 42.5	+0.9
GNW	Green Mountain GNW	84.30	32	P	P	19 45 43.3	+1.3

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B04A	comp=Z,2um,19.0s Port Angeles comp=Z,3um,20.0s	84.30	32	IAMS_20	IAMS_20	20 24 32.1	
N17K	Nushagak Hills comp=Z,25nm,1.4s	84.33	9	P	Iamb	19 45 41.2	-0.7
N17K	comp=Z,2um,20.0s Nushagak Hills baz=196,SNR=5.1	84.33	9	P	P	19 45 42.6	+0.7
CNPM	China Foot CNPM	84.36	12	P	P	19 45 41.8	-0.3
CNPM	comp=Z,2um,19.0s Giongzong	84.39	293	P	P	19 45 39.9	-3.3
Q1Z	Q1Z			PP	PP	19 48 58.1	-0.5
Q1Z	Q1Z			S	S	19 56 07.3	-1.6
Q1Z	Q1Z			SS	SS	20 01 41.3	+1.7
Q1Z	comp=Z,21nm,1.7s			pmax	pmax		
Q1Z	comp=Z,540nm,7.8s			LR	LR		
Q1Z	comp=Z,280nm,17.1s			LR	LR		
HOM	comp=Z,950nm,20.2s Homer	84.41	12	IAMS_20	IAMS_20	20 21 50.0	
HOM	comp=Z,2um,19.0s Homer	84.41	12	P	P	19 45 43.0	+0.7
ILSW	Ilamna Southw comp=Z,3um,20.0s	84.44	11	IAMS_20	IAMS_20	20 21 34.9	
D05A	Enumclaw Klaka Creek baz=191,SNR=17	84.46	33	P	P	19 45 43.8	+0.9
W18A	Petrified Fore comp=Z,3um,18.0s	84.48	6	P	P	19 45 43.9	+1.3
W18A	Petrified Fore comp=Z,3um,18.0s	84.50	48	IAMS_20	IAMS_20	20 20 02.1	
W18A	Petrified Fore comp=Z,3um,18.0s	84.50	48	P	P	19 45 43.2	-0.5
121A	Cookes Peak, D 121A	84.51	51	P	Iamb	19 45 41.0	-2.7
121A	Cookes Peak, D comp=Z,41nm,1.5s	84.51	51	P	P	19 45 42.7	-1.1
121A	Cookes Peak, D baz=209	84.51	51	P	P	19 45 42.7	-1.1
CLRS	Cowichan Lake comp=Z,2um,20.0s	84.53	31	IAMS_20	IAMS_20	20 24 34.1	
M16K	Timber Creek M16K	84.58	8	IAMS_20	IAMS_20	20 22 13.3	
M16K	Timber Creek baz=195,SNR=21	84.58	8	P	P	19 45 44.3	+1.2
ELUB	Princess Elisa comp=Z,5nm,1.1s	84.62	186	dP	P	19 45 44.9	+1.3
CR13	Three Creeks R comp=Z,2um,20.0s	84.62	44	IAMS_20	IAMS_20	20 16 43.9	
O20K	Slope Mountain baz=201	84.63	11	P	P	19 45 44.1	+0.6
BRLK	Bradley Lake comp=Z,2um,20.0s	84.65	12	IAMS_20	IAMS_20	20 21 44.0	
PDSI	Padang comp=Z,21nm,1.4s	84.66	271	P	P	19 45 44.3	-0.4
BRSE	Bradley Lake S baz=202	84.66	12	P	P	19 45 45.2	+1.6
N18K	Kilae Creek N18K	84.67	9	P	P	19 45 44.9	+1.2
N18K	Kilae Creek baz=198	84.67	9	P	P	19 45 44.2	+0.6
MSU	Marysvalle MSU	84.74	44	P	P	19 45 45.1	+0.2
MSU	Marysvalle baz=197	84.74	44	P	P	19 45 45.1	+0.2
TLIG	Tlapa comp=Z,2um,20.0s	84.76	69	IAMS_20	IAMS_20	20 15 00.5	
G08A	Pilot Rock comp=Z,2um,19.0s	84.80	36	IAMS_20	IAMS_20	20 18 50.7	
K13K	Kusilvak Mount K13K	84.89	5	P	P	19 45 45.5	+0.8
K13K	Kusilvak Mount baz=190,SNR=6.2	84.89	5	P	P	19 45 45.4	+0.7
GRNR	Gornyy GRNR	84.90	331	↑P	pmax	19 45 46.7	+1.7
GRNR	comp=Z,30nm,1.1s			MLR	MLR		
GRNR	comp=E,800nm,17.0s			MLR	MLR		
GRNR	comp=N,390nm,20.0s			MLR	MLR		
GRNR	comp=Z,500nm,17.0s			MLR	MLR		
L15K	Ungalik Mounta baz=192,SNR=23	84.93	6	P	P	19 45 46.1	+1.2
N19K	Bonanza Creek comp=Z,29nm,1.0s	85.01	10	Iamb	Iamb	19 45 59.0	
N19K	comp=Z,2um,20.0s Bonanza Creek baz=199,SNR=11	85.01	10	P	P	19 45 45.9	+0.5
UNM	Universidad Na comp=Z,2um,18.0s	85.01	67	IAMS_20	IAMS_20	20 18 05.8	
M17K	Holitna River M17K	85.14	8	Iamb	Iamb	19 45 47.4	+1.5
M17K	comp=Z,45nm,1.1s			IAMS_20	IAMS_20	20 22 19.2	
M17K	comp=Z,2um,20.0s Holitna River baz=196,SNR=14	85.14	8	P	P	19 45 47.3	+1.3
B7B	Bella Bella comp=Z,2um,19.0s	85.17	27	IAMS_20	IAMS_20	20 20 17.7	
BBB	Bella Bella comp=Z,2um,18.6s	85.17	27	LR	LR	20 19 07.4	
LTY	Liberty comp=Z,2um,18.0s	85.17	34	IAMS_20	IAMS_20	20 21 31.5	
L16K	Owhat River comp=Z,2um,20.0s	85.18	7	IAMS_20	IAMS_20	20 22 42.4	
L16K	Owhat River baz=194,SNR=15	85.18	7	P	P	19 45 47.1	+1.0
SEW	Seward baz=202	85.25	12				

21d 19h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like N23A Red Feather La, AMTX Amarillo, J25K Salchu River, etc.

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Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like G23K Bananza Creek, 435B Jarrell, KSCO Kaye Shedlock, etc.

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Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like D22K comp=Z,27nm,1.4s, D22K Ayikyak River, C21K Knifeblade Rid, etc.

OK048	Pawnee Station	94.22	52	IAMS_20	IAMS_20	20 24 07.0			
PZH	PanZhiHua	94.30	297	P	P	19 46 31.6 +1.3			
PZH				SKS	SKS	19 57 01.8 -3.2			
PZH				S	S	19 57 35.8 -5.8			
PZH				SS	SS	20 04 02.6 -1.1			
	comp=Z,20nm,1.2s			pmax	pmax				
PZH	comp=Z,400nm,6.5s			LR	LR				
PZH	comp=Z,350nm,17.3s			LR	LR				
PZH	comp=Z,440nm,18.0s			LR	LR				
PZH	comp=Z,520nm,19.1s			LR	LR				
CD2	Chengdu	94.43	302	P	P	19 46 32.8 +2.1			
CD2				SKS	SKS	19 57 07.1 +1.7			
CD2				S	S	19 57 43.6 0.0			
	comp=Z,10.0nm,0.4s			pmax	pmax				
CD2	comp=Z,570nm,8.7s			LR	LR				
CD2	comp=Z,900nm,17.8s			LR	LR				
CD2	comp=Z,11um,17.8s			LR	LR				
CD2	comp=Z,1um,19.7s			LR	LR				
G31M	Satah River	94.54	15	IAMB	IAMB	19 46 43.9			
G31M				IAMS_20	IAMS_20	20 32 15.8			
G31M	Satah River	94.54	15	P	P	19 46 31.2 +1.0			
	comp=Z,2um,18.0s								
	baz=217,SNR=14								
X37A	Clayton	94.62	54	IAMS_20	IAMS_20	20 23 32.8			
A22K	Sincial Lake	94.64	6	P	P	19 46 31.8 +1.2			
	comp=Z,2um,20.0s								
	baz=198								
TEIG	Tejich	94.73	70	LR	LR	20 22 44.0			
	comp=Z,991nm,19.8s								
	baz=230,slow=31								
441A	DeRidder	94.74	59	IAMS_20	IAMS_20	20 29 54.6			
	comp=Z,2um,18.0s								
F30M	Barrier River	94.74	14	P	P	19 46 32.0 +0.8			
	comp=Z,2um,18.0s								
	baz=216								
E28M	Babbage River	94.78	12	IAMB	IAMB	19 46 46.1			
	comp=Z,15nm,1.1s								
E28M				IAMS_20	IAMS_20	20 28 04.2			
E28M	Babbage River	94.78	12	P	P	19 46 32.6 +1.3			
	comp=Z,2um,19.0s								
	baz=212,SNR=9.6								
A21K	Barrow	94.79	6	P	P	19 46 31.7 +0.4			
	comp=Z,2um,19.0s								
	baz=197								
C27K	Jago River	94.90	11	P	P	19 46 33.3 +1.4			
	comp=Z,2um,19.0s								
	baz=209								
DGMT	Dagmar	94.93	39	IAMS_20	IAMS_20	20 24 43.0			
	comp=Z,2um,19.0s								
DGMT	Dagmar	94.93	39	P	P	19 46 32.3 -0.2			
	comp=Z,2um,19.0s								
	baz=241								
E29M	Blow River	94.93	13	IAMS_20	IAMS_20	20 27 30.2			
	comp=Z,2um,20.0s								
E29M	Blow River	94.93	13	P	P	19 46 33.5 +1.5			
	comp=Z,2um,20.0s								
	baz=214,SNR=7.7								
C26K	Camden Bay	94.97	10	P	P	19 46 33.7 +1.6			
	comp=Z,2um,19.0s								
	baz=208								
LVC	Limon Verde	95.05	117	LR	LR	20 22 28.7			
	comp=Z,2um,18.8s								
	baz=249,slow=31								
D27M	Malcolm River	95.06	12	IAMS_20	IAMS_20	20 28 52.4			
	comp=Z,2um,19.0s								
D27M	Malcolm River	95.06	12	P	P	19 46 34.2 +1.5			
	comp=Z,2um,19.0s								
	baz=211								
F31M	Tsighetich	95.08	15	IAMS_20	IAMS_20	20 32 42.1			
	comp=Z,2um,18.0s								
F31M	Tsighetich	95.08	15	P	P	19 46 34.1 +1.4			
	comp=Z,2um,18.0s								
	baz=218,SNR=5.5								
K30B	Basset	95.08	46	IAMS_20	IAMS_20	20 29 27.9			
	comp=Z,2um,18.0s								
PB01	IPOC Station P	95.27	115	IAMS_20	IAMS_20	20 21 52.2			
	comp=Z,2um,18.0s								
YAK	Yakutsk	95.36	337	P	P	19 46 30.9 -3.2			
	comp=Z,18nm,0.7s								
YAK	Yakutsk	95.36	337	IAMB	IAMB	19 46 50.5			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	P	P	19 46 33.1 -1.0			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eP	eP	19 46 33.4 -0.7			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eP	eP	19 46 43.1 -1.3			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eP	eP	19 50 20.9			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eS	eS	19 57 08.9 +0.2			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eSS	eSS	19 57 38.4 +6.5			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	eSS	eSS	20 08 01.1			
	comp=Z,13nm,0.7s								
YAK	Yakutsk	95.36	337	pmax	pmax				
	comp=Z,31nm,1.2s								
YAK	Yakutsk	95.36	337	pmax	pmax				
	comp=Z,5.0nm,1.0s								
YAK	Yakutsk	95.36	337	pmax	pmax				
	comp=Z,7.0nm,1.5s								
YAK	Yakutsk	95.36	337	pmax	pmax				
	comp=Z,26nm,1.4s								
YAK	Yakutsk	95.36	337	pmax	pmax				
	comp=Z,31nm,1.9s								
YAK	Yakutsk	95.36	337	smax	smax				
	comp=Z,47nm,2.5s								
YAK	Yakutsk	95.36	337	smax	smax				
	comp=Z,184nm,13.8s								
YAK	Yakutsk	95.36	337	smax	smax				
	comp=Z,161nm,14.9s								
BGNB	Belgrade	95.51	47	IAMS_20	IAMS_20	20 23 29.4			
	comp=Z,2um,20.0s								
D28M	Stokes Point	95.55	12	P	P	19 46 35.7 +0.9			
	comp=Z,2um,20.0s								
KSU1	Kansas State U	95.60	50	P	P	19 46 34.4 -1.4			
	comp=Z,2um,20.0s								
PB11	POC Station P	95.71	114	IAMS_20	IAMS_20	20 22 20.6			
	comp=Z,2um,19.0s								
INK	Inuvik	95.81	14	IAMS_20	IAMS_20	20 27 39.6			
	comp=Z,2um,19.0s								
INK	Inuvik	95.81	14	P	P	19 46 36.9 +0.9			
	comp=Z,2um,19.0s								
INK	Inuvik	95.81	14	P	P	19 46 36.3 +0.2			
	comp=Z,2.4nm,0.7s								
INK	Inuvik	95.81	14	LR	LR	20 27 23.8			
	comp=Z,2.4nm,0.7s								
MIAR	Mount Ida	95.96	55	IAMS_20	IAMS_20	20 26 56.3			
	comp=Z,2um,18.0s								
MIAR	Mount Ida	95.96	55	P	P	19 46 35.9 -1.6			
	comp=Z,2um,18.0s								
Z41A	Richland Creek	96.04	57	IAMS_20	IAMS_20	20 27 04.6			
	comp=Z,2um,18.0s								
OTAV	Otavalo	96.09	92	IAMS_20	IAMS_20	20 22 32.0			
	comp=Z,2um,18.0s								
U38A	Gravette	96.11	53	IAMS_20	IAMS_20	20 24 39.1			
	comp=Z,2um,19.0s								
E28A	Huff	96.14	42	IAMS_20	IAMS_20	20 29 37.3			
	comp=Z,2um,19.0s								
SUSD	Miller	96.29	44	IAMS_20	IAMS_20	20 29 17.7			
	comp=Z,2um,19.0s								
IMBA	Imbabura, San	96.33	92	IAMS_20	IAMS_20	20 21 51.6			
	comp=Z,2um,18.0s								
HHAR	Hobbes	96.38	53	IAMS_20	IAMS_20	20 24 47.2			
	comp=Z,2um,19.0s								
TNCH	TengChong	96.42	294	lP	lP	19 46 44.0 +0.3			
	comp=Z,2um,19.0s								
TNCH	TengChong	96.42	294	SKS	SKS	19 57 16.3 -0.2			
	comp=Z,2um,19.0s								
TNCH	TengChong	96.42	294	S	S	19 57 58.1 -2.0			
	comp=Z,2um,19.0s								
TNCH	TengChong	96.42	294	SS	SS	20 04 34.8 +0.9			
	comp=Z,20nm,1.4s								
TNCH	TengChong	96.42	294	pmax	pmax				
	comp=Z,340nm,5.6s								
TNCH	TengChong	96.42	294	LR					

MLSI	Meulaboh, Aceh	3.50 148	P	Pn	20 30 16.2 +2.5
PBA	Port Blair	4.72 338	P	Pn	20 30 27.8 -2.9
PBA	Port Blair	4.72 338	eP	Pn	20 30 31.2 +0.6
PBA			ex	x	20 30 52.0
PBA	comp=N,146nm,0.5s		IAML		20 30 56.0
PBA	comp=E,109nm,1.2s		IAML		20 30 56.2
PBA	comp=N,135nm,0.6s		IAML		20 30 59.5
PBA	comp=E,94nm,0.8s		IAML		20 31 00.5
KCSI	Kotacane, Aceh	4.91 139	P	Pn	20 30 35.2 +2.0
SNSI	Sinabang, Aceh	5.13 160	P	Pn	20 30 36.5 +0.3
SRIT	Naksanitarama	5.19 75	Pn	Pn	20 30 38.7 +1.7
KULM	Kulim	6.38 107	Pn	Pn	20 30 53.2 -0.2
GSI	Gunungsitoli	6.64 153	Pn	Pn	20 30 59.5 +2.6
GSI	Gunungsitoli	6.64 153	Pn	Pn	20 30 59.6 +2.6
IPM	Iloh	7.01 113	Pn	Pn	20 31 01.6 -0.6
BKNI	Bangkinang	9.45 136	Pn	Pn	20 31 37.5 +1.9
BKNI	Bangkinang	9.45 136	P	Pn	20 31 38.1 +2.5
PDSI	Padang	10.03 144	P	Pn	20 31 46.1 +2.5
MYKOM	Kota Tinggi	10.20 120	Pn	Pn	20 31 52.7 -0.7
TPRI	Tanjung Pinang	11.78 122	P	Pn	20 32 06.6 -0.9
CM31	Chiang Mai Arr	11.94 21	Pn	Pn	20 32 11.7 +2.1
CMAR	Chiang Mai Arr	11.94 21	Pn	Pn	20 32 12.9 +2.3
CMAR	Chiang Mai Arr	11.94 21	Pn	Pn	20 32 12.7 +3.0
CMAR	comp=E,0.8nm,0.3s,baz=217,slow=14,SNR=49		LR	LR	20 36 40.8
CHTO	Chiang Mai	12.27 20	Pn	Pn	20 32 12.2 -2.0
PHRA	Phrae	12.48 26	Pn	Pn	20 32 19.5 +2.5
UBPT	Khong Chiam	13.36 52	Pn	Pn	20 32 29.9 +0.8
PALK	Pallekete	13.73 271	LR	LR	20 32 32.9 -1.3
PALK	Pallekete	13.73 271	LR	LR	20 37 00.4
CRAI	Chiangrai	14.09 23	Pn	Pn	20 32 38.1 -0.9
MNAI	Manna	14.27 144	Pn	Pn	20 32 37.1 -4.4
VIS	Vishakhapatnam	15.09 315	eP	Pn	20 32 52.2 -0.5
SAIH	SAIHA	15.22 355	eP	Pn	20 32 56.2 +1.6
LWLI	Liwa	15.45 142	Pn	Pn	20 32 58.0 +0.4
KASI	Kota Agung	16.12 142	P	Pn	20 33 06.4 +0.3
SLVN	Son La	16.67 32	P	Pn	20 33 12.6 -0.6
KSM	Kuching	16.73 109	P	P	20 33 15.7 -0.6
KSM			IAMB		20 33 20.9
IMP	Impah	17.49 358	eP	P	20 33 25.1 +0.4
IMP			IAMB		20 33 34.5
IMP	comp=Z,33nm,1.1s				20 37 01.7
SBUM	Sibu	18.25 104	ex	x	20 33 33.4 +0.4
STKI	Sintang	18.34 112	P	Pn	20 33 33.3 -0.7
KOHI	KOHIMA	18.37 359	eP	P	20 33 35.8 +1.3
KOHI			IAMB		20 33 42.0
SHL	Shillong	18.39 352	Pn	Pn	20 33 32.4 -2.3
SHL	Shillong	18.39 352	eP	Pn	20 33 34.0 -0.7
BOK	Bokaro	18.43 334	eP	Pn	20 33 37.4 +2.4
BOK			IAMB		20 33 41.9
HYB	Hyderabad	18.58 304	eP	Pn	20 33 43.8 +6.8
LEM	Lembang	19.12 137	LR	LR	20 42 28.1
KMI	Kuning	19.24 24	1P	Pn	20 33 50.3 +3.0
KMI			pmax	pmax	
LKP	Lekhapani	20.01 3	eP	Pn	20 33 54.7 +0.7
LKP			IAMB		20 34 04.4
ZIRO	ZIRO	20.18 358	eP	P	20 33 55.0 +0.7
ZIRO			IAMB		20 34 01.4
PZH	PanZhiHua	20.34 19	Pn	Pn	20 33 59.3 +1.3
PZH	comp=Z,50nm,1.4s		pmax	pmax	
PZH	comp=Z,690nm,12.9s		LR	LR	
PZH	comp=Z,760nm,12.0s		LR	LR	
TAWA	Tawang	20.39 353	ex	x	20 34 57.7
TAWA			IAMB		20 35 04.7
GTK	Tadong	20.74 345	eP	Pn	20 34 02.9 +0.1
GTK			IAMB		20 34 09.4
SMRI	Samarang	21.29 132	P	P	20 34 23.4 +1.7
LSA	LSA	22.56 352	P	pmax	20 34 23.1 +2.9
JHNI	Jhansi	23.70 322	eP	P	20 34 31.3 -0.1
MYLDM	Lahad Datu	23.91 94	P	P	20 34 34.3 +0.7
BLJI	Banyuglugur	24.14 128	P	P	20 34 34.8 -0.9
ABJI	Asem Bagus	24.68 127	P	P	20 34 39.8 -0.8
CD2	Chengdu	25.07 19	P	pmax	20 34 46.4 +2.3
CD2	comp=Z,200m,0.6s		pmax	pmax	
CD2	comp=Z,490nm,10.2s		LR	LR	
CD2	comp=Z,990nm,12.1s		LR	LR	
SRBI	Singaraja	25.63 126	P	P	20 35 00.8 +1.2
PTH	Pithoragarh	25.96 330	eP	P	20 34 52.6 +0.3
H08S3	Diego Garcia H	26.50 237	T	T	21 01 36.7
H08S2	Diego Garcia H	26.50 236	T	T	21 01 40.2
H08S1	Diego Garcia H	26.52 237	T	T	21 01 42.9
SGY	Tagaytay City	26.80 73	LR	LR	20 44 34.9
ENH	Enshi	26.86 30	P	P	20 35 00.1 -0.2
ENH			IAMB		20 35 17.0
TOL12	Toiloli	26.86 102	P	P	20 34 59.4 -1.0
TOL12			IAMB		20 35 15.4
KAPI	Kappang	27.95 115	P	P	20 35 11.5 +1.3
KAPI			IAMB		20 35 19.0
KAPI	Kappang	27.95 115	LR	LR	20 46 06.3
BKSI	Bulukumba	28.42 115	P	P	20 35 12.9 -1.5
SMLA	Simla	28.78 328	eP	P	20 35 17.5 +0.1
SMLA	GeErMu	28.81 0	IAMB	IAMB	20 35 23.5
GOMU	GOMU	30.12 328	0	pmP	20 35 27.9 +9.2
GOMU			pmP	pmP	20 35 30.8 +7.1
GOMU			sP	sP	20 35 32.5 +1.1
GOMU			pmax	pmax	
GTOI	Gorontalo	29.14 102	P	P	20 35 17.1 -3.7
LZH	Lanzhou	29.94 15	eP	P	20 35 35.8 +8.0
LZH			pmax	pmax	
KMSI	Kibinang	30.09 101	P	P	20 35 54.0 +2.5
DHRM	DHARAMSHALA	30.12 328	eP	P	20 35 29.0 -0.5
GTA	Gaotai	32.37 8	P	pmP	20 35 49.9 +0.7
GTA			pmP	pmP	20 35 55.3 +0.5
GTA			pmax	pmax	
NIL	Nilore	32.83 326	P	P	20 35 52.1 -1.1
BATI	Baumata	33.79 121	LR	LR	20 51 27.5
KBL	Kabul	35.91 323	P	P	20 36 18.5 -1.6
KBL			IAMB		20 36 27.0
TARG	Taragay, Kyrgy	37.41 339	IAMB	IAMB	20 36 41.2
BJT	Bajitjauw	37.95 27	P	P	20 36 37.4 +0.3

BJT	comp=Z,32nm,1.5s		IAMB	IAMB	20 36 48.2
SIMJ	Simiganj	38.84 327	P	P	20 36 43.3 -1.5
SIMJ	comp=Z,34nm,0.8s		IAMB	IAMB	20 36 52.6
AAK	Ala-Archa	39.43 337	P	P	20 36 49.1 -0.6
FRU1	Bishkek	39.53 337	P	P	20 36 49.6 -0.8
FRU1			IAMB	IAMB	20 36 59.3
MK31	Makanchi Array	40.78 347	P	P	20 37 00.7 -0.1
MK31			IAMB	IAMB	20 37 09.5
MKAR	Makanchi Array	40.78 347	P	P	20 36 59.8 -0.9
MKAR	Makanchi Array	40.78 347	P	P	20 37 00.8 0.0
MAKZ	Makanchi	40.86 347	P	P	20 37 00.2 -1.2
MAKZ			IAMB	IAMB	20 37 10.0
KK31	Karatay Array	41.49 333	P	P	20 37 06.3 -0.3
KKAR	Karatay Array	41.49 333	P	P	20 37 05.9 -0.7
KKAR	Karatay Array	41.49 333	P	P	20 37 05.8 -0.8
SOMN	Songino Array	41.68 12	P	P	20 37 08.4 +0.2
SOMN	Songino Array	41.68 12	P	P	20 37 08.7 +0.5
SOMN	comp=Z,3.0nm,0.9s,baz=119,slow=8,SNR=16		LR	LR	20 56 30.3
ULN	Ulaanbaatar	41.85 13	P	P	20 37 10.9 +1.2
KSAR	Wonju Array Be	42.64 40	P	P	20 37 16.3 +0.3
KSRS	Korea Array	42.68 40	P	P	20 37 18.1 +1.8
KSRS	comp=Z,1.4nm,0.8s,baz=223,slow=9,SNR=9.2		LR	LR	20 56 21.2
GEYT	Alibeck	44.93 318	P	P	20 37 32.6 -1.9
GEYT	Alibeck	44.93 318	P	P	20 37 34.6 +0.1
GYA0B	ALIBECK ARRAY	44.93 318	P	P	20 37 33.6 -0.9
KURBB	Kurchatov	45.24 346	P	P	20 37 36.8 0.0
KURK	Kurchatov	45.31 346	P	P	20 37 36.7 -0.6
H01W3	Cape Leeuwin H	45.81 157	T	T	21 27 16.8
H01W2	Cape Leeuwin H	45.83 157	T	T	21 27 17.6
H01W1	Cape Leeuwin H	45.85 157	T	T	21 27 13.8
ZALV	Zalesovo Beam	47.22 352	P	P	20 37 51.7 -0.6
ZALV	Zalesovo Beam	47.22 352	P	P	20 37 51.6 -0.7
WBA	Warramunga Arr	47.53 125	IAMB	IAMB	20 38 11.4
WRA	Warramunga Arr	47.58 125	P	P	20 37 54.7 -0.9
WRA	Warramunga Arr	47.58 125	P	P	20 37 55.1 -0.5
WRA	comp=Z,1.5nm,0.6s,baz=306,slow=8,SNR=8.2		LR	LR	21 00 09.9
WRAB	Tennant Creek	47.58 125	P	P	20 37 55.3 -0.3
WRAB			IAMB	IAMB	20 38 11.4
WB2	Warramunga Arr	47.59 125	P	P	20 37 55.4 -0.3
WB2			IAMB	IAMB	20 38 11.4
WR0	Warramunga Arr	47.75 125	P	P	20 37 57.4 +0.5
WR0			IAMB	IAMB	20 38 04.8
MDJ	Mudanjiang	48.10 33	P	P	20 37 59.2 0.0
MDJ			IAMB	IAMB	20 38 11.3
USRK	Ussurysk Ar.	49.19 35	P	P	20 38 06.6 -1.0
USRK	Ussurysk Ar.	49.19 35	eP	P	20 38 08.0 +0.4
USRK	comp=Z,1.2nm,0.8s,baz=225,slow=5,SNR=2.0		LR	LR	21 00 59.3
AS31	Alice Springs	49.21 130	P	P	20 38 07.8 -0.4
ASAR	Alice Springs	49.21 130	P	P	20 38 07.7 -0.5
ASAR	Alice Springs	49.21 130	P	P	20 38 08.2 0.0
JCJ	Chichijima	49.26 60	LR	LR	20 58 23.7
MJAR	Matsushiro Arr	49.29 47	P	P	20 38 10.3 +1.7
FORT	Forrest	49.41 141	P	P	20 38 11.4 +0.4
BVAR	Borovoye Array	49.70 341	P	P	20 38 10.7 -0.8
RAYN	Ar Rayn	49.70 295	P	P	20 38 12.1 +0.1
BRVK	Borovoye	49.77 341	P	P	20 38 11.2 -0.7
GUMO	Guam	49.83 78	LR	LR	20 59 02.5
HEH	Heihe	50.87 27	eP	P	20 38 21.1 +0.8
AKBR	Akbulak array	50.96 331	P	P	20 38 20.6 -0.4
ARU	Arti	56.61 307	P	P	20 39 01.4 -0.9
KBZ	Khabaz	57.81 318	P	P	20 39 10.5 -0.4
STKA	Stevens Creek	59.39 134	P	P	20 39 21.9 -0.3
STKA	Stevens Creek	59.39 134	P	P	20 39 22.2 +0.1
MMAI	Mount Meron Ar	60.29 304	P	P	20 39 27.2 -1.3
NR1K	Noril'sk	62.18 357	IAMB	IAMB	20 39 49.5
NR1K	Noril'sk	62.18 357	P	P	20 39 40.1 -0.4
BR131	Keskin Array B	63.13 311	IAMB	IAMB	20 39 54.1
BRTR	Keskin Array B	63.13 311	P	P	20 39 45.1 -2.5
BRTR	Keskin Array B	63.13 311	P	P	20 39 45.5 -2.1
MBAR	Mbarara	64.11 266	LR	LR	21 04 10.2
TOO	Tooolangi	64.16 137	P	P	20 39 60.0 -0.7
TOO			IAMB	IAMB	20 40 09.7
H04N2	CROZET ISLANDS 65.40 211	T	T	T	21 50 28.7
H04N1	CROZET ISLANDS 65.41 211	T	T	T	21 50 29.3
H04N3	CROZET ISLANDS 65.42 211	T	T	T	21 51 34.8
H04S1	CROZET ISLANDS 65.80 211	T	T	T	21 51 40.6
H04S3	CROZET ISLANDS 65.81 211	T	T	T	21 51 27.9
H04S2	CROZET ISLANDS 65.82 211	T	T	T	21 51 36.0
KARP	Karpathos	67.43 305	P	P	20 40 13.9 -1.6
TKI	Tiksi	67.76 310	P	P	20 40 16.1 -0.7
AKSG	Altyn Aray Be	68.89 322	P	P	20 40 22.8 -1.5
AKBB	Malin Array Si	68.89 322	P	P	20 40 22.9 -1.3
KIEV	Kiev	68.89 322	P	P	20 40 22.6 -1.7
KIEV			IAMB	IAMB	20 40 28.9
AK13	Malin Array Si	68.96 322	P	P	20 40 23.4 -1.3
VRI	Vrinciozia	69.42 316	P	P	20 40 27.4 -0.3
PLOK	Plostina	69.47 316	P	P	20 40 28.2 +0.2
TESR	Tescani	69.60 317	P	P	20 40 27.7 -1.1
LUBAR	Lubark, Ukraine	69.61 317	P	P	20 40 27.5 -1.2
MLR	Muntale Rosu	69.89 316	P	P	20 40 28.8 -2.0
MLR	Muntale Rosu	69.89 316	IAMB	IAMB	20 40 39.4
VOIR	Bucovina Array	70.00 316	P	P	20 40 30.4 -4.0
BURAR	Bucovina Array	70.77 318	P	P	20 40 34.2 -1.8
ARR	Argus				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like G22K Bettles, H21K Meozitina Rive, J20K Nowira Rive, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, IDC 21 20:40:28.7z,2.0:2:92S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PUZ Puketiti, WAZ Wanganui, MKAZ Mounakai, etc.

IDC 21 20:35:05.6:1.3,2:58S,130:58E,h0km,mb3.9/8, mbmp4.0/10,ML3.9/2,MS3.8/2, Error ellipse: s-maj=58.1km s-min=19.3km az=75.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SWI Sorong, FAKI Fak Fak, etc.

IDC 21 20:35:11.8:0.8,2:66S,0:08x130:00E:0.06,h35km,n21, c1959/20,mb3.9/S, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SWI Sorong, FAKI Fak Fak, etc.

IDC 21 21:00:56.5:1.5,34:12Sx179:68W,h0km,mb4.0/4, mbmp4.1/5,ML4.4/1, Error ellipse: s-maj=43.0km

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, QSPA South Point, SNAA Swan, H03S2 Juan Fernandez, etc.

Table with columns: TOZ, Iamb, Iamb, 21 18 30.1. Includes stations like TOZ comp=Z.785nm,1.0s, TOZ Tahuroa Road, CTAO Charters Tower, etc.

Table with columns: TAU, Iamb, Iamb, 21 19 58.1. Includes stations like TAU comp=Z.254nm,1.2s, TAU Tasmania Univ, TAU Tasmania Univ, etc.

IDC 21 21:13:30.4-3.1, 17:73S:168:28E, h21km, 19km, mb5.6/27, mbmp5.8/29, ML5.7/2, MS8.5/0, Error ellipse: s-maj=13.6km s-min=11.0km az=82.0

MOS 21 21:13:31.1-0.9, 17:67S:168:17E, h32km, mb6.4/55, MS5.9/58, Error ellipse: s-maj=8.1km s-min=6.6km az=117.5

NEIC 21 21:13:32.7-2.6, 17:79S:0:06:168:06E:0:06, h28km, 1km, mb6.1/574, Ms_20.6, 1/655, Mwvw6.1/59, Error ellipse: s-maj=9.9km s-min=9.4km az=165.0

IPGP 21 21:13:32.0, 17:82S:168:02E, h38km, Mw6.2, Fault plane solution: NP: P158.00000, S45.00000, L80.00000, NP2: P351.00000, S46.00000, L100.00000

NOU 21 21:13:32.9, 17:70S:168:10E, h27km, ML6.3/114, Vanuatu Islands NEIC 21 21:13:33.17:53S:167:84E, h40km, Moment Tensor Solution. Duration: 152. Moment tensor: Scale 10^18Nm; Mn:1.80; M00:0.03; M01:-1.83; M02:0.49; M03:0.61; M04:0.05; M05:0.60; M06:0.04; M07:0.01; Best double couple: M2: 18900x10^18 NPI: 1.0, 1.56, 0.00000, S46.00000, L103.00000

NEIC 21 21:13:33.0-0.0, 17:75S:165:15E, h30km, mb5.9/95, mb6.3/77, Ms5.9/99, M7.5/8.95, GCMT 21 21:13:36.7-0.0, 17:71S:167:89E, h42km, MW6.2/171, Moment Tensor Solution. s171,c407; s169,c634; Duration: 2s9 Moment tensor: Scale 10^18Nm; Mn:2.09e-01; M00:0.03e-01; M01:2.07e-01; M02:0.33e-01; M03:0.60e-01; M04:0.04e-01; Best double couple: M2: 18900x10^18 NPI: 1.0, 1.56, 0.00000, S46.00000, L103.00000

ISC 21 21:13:31.9-0.2, 17:79S:0:03:168:21E, 0.03, h30km, 1km, h21km: p-P, n2164, s1938/1817, mb6.1/402, MS6.0/458, 234C-35D, Vanuatu Islands

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DVP Devils Point, LIFOU LIFOU, MARE Mare, Loyalty, etc.

Main table with columns: TOZ, Iamb, Iamb, 21 18 30.1. Includes stations like TOZ comp=Z.785nm,1.0s, TOZ Tahuroa Road, CTAO Charters Tower, etc.

Main table with columns: TAU, Iamb, Iamb, 21 19 58.1. Includes stations like TAU comp=Z.254nm,1.2s, TAU Tasmania Univ, TAU Tasmania Univ, etc.

WHN	Wuhan	70.66 312	↑P	P	21 24 44.8	-0.1
WHN			PcP	sP	21 24 56.0	-1.7
WHN			PP	PP	21 25 06.5	+0.7
WHN			PP	PP	21 27 23.8	+1.9
WHN			S	S	21 23 55.8	-1.4
WHN	comp=Z,2µm,1.6s		pmax	pmax		
WHN	comp=Z,8µm,3.1s		pmax	pmax		
WHN	comp=Z,6µm,18.1s		LR	LR		
WHN	comp=Z,7µm,23.1s		LR	LR		
WHN	comp=Z,13µm,24.3s		LR	LR		
PBSI	Pulau Batu	70.90 276	P	P	21 24 48.4	+1.6
PET	Petropavlovsk	71.19 353	P	P	21 24 46.3	-0.2
PET	Petropavlovsk	71.00 354	IAMS_20	IAMS_20	21 51 38.6	
PET	comp=Z,8µm,20.0s		P	P	21 24 45.8	-0.6
PET	Petropavlovsk	71.00 354	P	P	21 24 45.9	-0.5
PET	Petropavlovsk	71.00 354	α/P	S	21 24 00.3	+0.1
PET	comp=Z,149nm,1.3s		pmax	pmax		
PET	comp=Z,3µm,8.4s		pmax	pmax		
PET	comp=Z,2µm,13.2s		pmax	pmax		
PEA0B	Petropavlovsk	71.19 353	eP	P	21 24 48.1	+0.5
PETK	Petropavlovsk	71.19 353	P	P	21 24 47.4	-0.2
PETK	Petropavlovsk	71.19 353	P	P	21 24 47.8	+0.1
PETK	comp=Z,52nm,0.7s,baz=104,slow=6.8,SNR=56		LR	LR	21 52 00.1	
RPSI	Ranlau Prapat	71.19 279	IAMS_20	IAMS_20	21 57 56.9	
PSI	Prapat	71.23 279	P	P	21 24 49.2	+0.3
DL2	Dalian	71.28 323	P	P	21 24 48.0	-0.5
DL2			S	S	21 24 03.6	-0.5
DL2	comp=Z,730nm,1.3s		pmax	pmax		
DL2	comp=Z,1µm,9.0s		pmax	pmax		
DL2	comp=Z,3µm,25.9s		LR	LR		
DL2	comp=Z,6µm,25.5s		LR	LR		
DL2	comp=Z,11µm,25.3s		LR	LR		
ATKA	Atka Island	71.36 11	P	P	21 24 50.6	+2.0
ATKA	Atka Island	71.36 11	IAMB	IAMB	21 24 48.3	-0.3
ATKA	comp=Z,304nm,1.6s		pmax	pmax		
ATKA	comp=Z,9µm,21.0s		IAMS_20	IAMS_20	21 49 51.5	
MDJ	Mudanjiang	71.39 332	P	P	21 24 49.3	+0.3
MDJ			S	S	21 34 05.5	+0.3
MDJ			ScS	SKSac	21 34 49.6	-0.4
MDJ			SS	SS	21 38 42.3	+1.7
MDJ	comp=Z,340nm,2.0s		pmax	pmax		
MDJ	comp=Z,6µm,5.0s		pmax	pmax		
MDJ	comp=Z,3µm,22.0s		LR	LR		
MDJ	comp=Z,2µm,23.4s		LR	LR		
MDJ	comp=Z,6µm,23.2s		LR	LR		
MDJ	Mudanjiang	71.39 332	P	P	21 24 49.4	+0.4
MDJ	comp=Z,354nm,1.3s		IAMB	IAMB	21 24 52.5	
MDJ	Mudanjiang	71.39 332	P	P	21 24 49.5	+0.4
MDJ			pP	sP	21 25 01.5	-0.3
MDJ			sP	PcP	21 25 05.9	-2.7
TYV	Tymovskoe	71.95 343	eP	P	21 24 53.2	+1.0
TYV			eS	S	21 34 16.0	+4.7
TYV	comp=Z,62nm,1.6s		pmax	pmax		
TYV	comp=Z,2µm,3.9s		pmax	pmax		
TYV	comp=N,600nm,8.5s		smax	smax		
TYV	comp=Z,400nm,8.5s		smax	smax		
GSI	Gunungsitoli	72.00 277	P	P	21 24 54.6	+1.2
GSI	Gunungsitoli	72.00 277	IAMS_20	IAMS_20	21 24 52.9	-0.5
GSI	comp=Z,10µm,22.0s		P	P	21 24 54.2	+0.8
TIA	Taiwan	72.22 319	P	P	21 24 53.8	-0.4
TIA			S	S	21 34 12.9	-2.2
TIA	comp=Z,110nm,1.5s		pmax	pmax		
TIA	comp=Z,2µm,4.3s		LR	LR		
TIA	comp=Z,1µm,18.7s		LR	LR		
TIA	comp=Z,570nm,18.7s		LR	LR		
SNY	Shenyang	72.24 327	↑P	P	21 24 53.8	-0.4
SNY			S	S	21 34 15.5	+0.4
SNY	comp=Z,180nm,0.9s		pmax	pmax		
SNY	comp=Z,3µm,4.1s		pmax	pmax		
SNY	comp=Z,2µm,19.1s		LR	LR		
SNY	comp=Z,2µm,20.7s		LR	LR		
SNY	comp=Z,3µm,21.2s		LR	LR		
QSPA	South Pole Qui	72.25 180	P	P	21 24 54.9	+0.7
QSPA	South Pole Qui	72.25 180	IAMS_20	IAMS_20	21 53 23.5	
QSPA	South Pole Qui	72.25 180	P	P	21 24 54.7	+0.5
QSPA	comp=Z,239nm,0.9s,baz=12,slow=1.6,SNR=416		LR	LR	21 53 34.5	
KCSI	Kotacane, Aceh	72.55 280	P	P	21 24 55.6	-1.1
CN2	Cleveland East	72.72 329	↑P	P	21 24 57.3	+0.3
CN2	Nikolski High	73.21 14	eP	sP	21 25 11.0	+1.2
CN2	Nikolski High	73.21 14	eS	S	21 34 20.1	-0.4
CN2	comp=Z,300nm,1.6s		pmax	pmax		
CN2	comp=Z,4µm,6.0s		pmax	pmax		
CN2	comp=Z,700nm,20.0s		LR	LR		
CN2	comp=Z,600nm,20.0s		LR	LR		
CN2	comp=Z,2µm,22.0s		LR	LR		
CLES	Cleveland East	72.83 14	P	P	21 24 57.6	+0.1
NIKH	Nikolski High	73.21 14	P	P	21 24 59.4	-0.3
NIKH	Nikolski High	73.21 14	P	P	21 24 58.2	-1.5
BNX	BinXian	73.25 331	↑P	P	21 24 59.6	-0.5
BNX			pP	PP	21 25 09.0	-0.4
BNX			sP	sP	21 25 13.0	+0.1
BNX			PP	PP	21 27 44.4	+0.6
BNX			S	S	21 34 24.6	-1.7
BNX			sS	sS	21 34 40.6	-1.3
BNX	comp=Z,250nm,2.1s		pmax	pmax		
BNX	comp=Z,4µm,4.1s		LR	LR		
BNX	comp=Z,3µm,26.0s		LR	LR		
BNX	comp=Z,3µm,25.5s		LR	LR		
BNX	comp=Z,5µm,24.9s		LR	LR		
SNSI	Sinabang, Aceh	73.54 278	P	P	21 25 04.1	+1.5
GRNR	Gornyy	73.76 340	↑P	P	21 25 04.2	+1.2
GRNR	comp=N,30nm,1.1s		pmax	pmax		

GRNR	comp=Z,110nm,1.2s		pmax	pmax		
LHMI	Lhok Sumawe	73.90 281	P	P	21 25 04.2	-0.5
LHMI	Lhok Sumawe	73.90 281	P	P	21 25 06.0	+1.3
ENH	Enshi	74.00 310	P	P	21 25 05.4	+0.5
ENH	Enshi	74.00 310	IAMB	IAMB	21 25 06.2	
SLVN	Son La	74.02 299	IAMB	IAMB	21 25 07.9	
MLSI	Meulaboh, Aceh	74.08 280	P	P	21 25 05.5	-0.2
KLR	Kul dur	74.16 336	P	P	21 25 06.0	+0.6
KLR	comp=Z,106nm,1.1s,baz=142,slow=5.7,SNR=118		LR	LR	21 54 32.1	
KLR	comp=Z,6µm,21.0s,baz=146,slow=33					
KLR	comp=Z,106nm,1.1s		P	P	21 25 06.0	+0.6
GVA	Guiyang	74.20 305	↑P	P	21 25 06.4	+0.1
GVA			PP	PP	21 27 52.4	0.0
GVA			S	S	21 34 36.4	-1.7
GVA			ScS	SKKSac	21 35 13.3	+0.9
GVA			SS	SS	21 39 21.6	-2.8
GVA	comp=Z,180nm,1.5s		pmax	pmax		
GVA	comp=Z,3µm,4.7s		LR	LR		
GVA	comp=Z,1µm,24.0s		LR	LR		
GVA	comp=Z,2µm,20.8s		LR	LR		
LYN	LuoYang	74.26 315	P	P	21 25 06.6	+0.3
LYN			pP	sP	21 25 18.1	-1.0
LYN			S	S	21 34 37.9	-0.4
LYN			sS	sS	21 34 55.3	+2.1
LYN	comp=Z,460nm,1.4s		pmax	pmax		
LYN	comp=Z,6µm,7.3s		pmax	pmax		
LYN	comp=Z,2µm,23.0s		LR	LR		
LYN	comp=Z,4µm,22.7s		LR	LR		
LYN	comp=Z,5µm,19.6s		LR	LR		
HNS	HongShan	74.48 318	↑P	S	21 25 08.3	+0.8
HNS			S	S	21 34 39.8	-0.7
HNS			SS	SS	21 39 32.1	+4.1
HNS	comp=Z,540nm,1.8s		pmax	pmax		
HNS	comp=Z,5µm,5.9s		LR	LR		
HNS	comp=Z,2µm,22.0s		LR	LR		
HNS	comp=Z,2µm,21.6s		LR	LR		
HNS	comp=Z,3µm,19.1s		LR	LR		
NKL	Nikolayevsk	74.55 343	eP	P	21 25 06.3	-1.2
NKL			eS	S	21 34 42.7	+2.1
NKL	comp=N,144nm,1.4s		pmax	pmax		
NKL	comp=E,202nm,1.5s		pmax	pmax		
NKL	comp=Z,558nm,1.5s		pmax	pmax		
NKL	comp=E,405nm,2.5s		smax	smax		
NKL	comp=N,418nm,3.3s		MLR	MLR		
NKL	comp=N,6µm,17.0s		MLR	MLR		
NKL	comp=E,11µm,18.0s		MLR	MLR		
UNV	Unalaska Valle	74.58 15	P	P	21 25 07.2	-0.5
UNV	Unalaska Valle	74.58 15	P	P	21 25 05.1	-2.6
BJT	Beijing	75.19 321	P	P	21 25 13.3	+1.7
BJI	Beijing	75.20 321	P	P	21 25 12.4	+0.8
BJI			pP	sP	21 25 23.1	-1.3
BJI			S	S	21 34 47.8	-0.9
BJI			sS	sS	21 35 05.8	+2.4
BJI			SS	SS	21 39 46.0	+7.1
BJI	comp=Z,2µm,23.6s		LR	LR		
BJI	comp=Z,2µm,21.5s		LR	LR		
RPN	Rapa Nui	75.57 114	LR	LR	21 53 59.9	
PHRA	Phrae	75.92 295	P	P	21 25 16.7	+0.5
TIY	Taiyuan	76.11 318	P	P	21 25 18.0	+1.0
TIY			S	S	21 35 01.5	+2.6
TIY	comp=Z,310nm,1.7s		pmax	pmax		
TIY	comp=Z,1µm,3.9s		LR	LR		
TIY	comp=Z,2µm,18.6s		LR	LR		
TIY	comp=Z,2µm,18.6s		LR	LR		
TIY	comp=Z,5µm,18.6s		LR	LR		
FALS	False Pass	76.29 16	P	P	21 25 15.4	-2.1
XAN	Xi'an	76.42 313	↑P	P	21 25 18.9	+0.1
XAN			S	S	21 34 58.8	-3.6
XAN			SS	SS	21 40 01.8	+4.1
XAN	comp=Z,360nm,2.5s		pmax	pmax		
XAN	comp=Z,2µm,6.9s		pmax	pmax		
XAN	comp=Z,3µm,22.5s		LR	LR		
XAN	comp=Z,5µm,20.5s		LR	LR		
XAN	comp=Z,8µm,21.3s		LR	LR		
POBK	Saint George I	76.42 12	P	P	21 25 16.6	-1.5
CRAI	Chiangrai	76.52 297	P	P	21 25 20.1	+0.5
CRAI	comp=Z,316nm,1.0s		IAMB	IAMB	21 25 22.4	
KMI	Kunming	76.68 302	↑P	P	21 25 21.8	+1.1
KMI			eP	PcP	21 25 31.8	-0.2
KMI			S	S	21 35 07.5	+1.5
KMI			SS	SS	21 40 03.3	+0.9
KMI	comp=Z,350nm,1.1s		pmax	pmax		
KMI	comp=Z,3µm,7.6s		pmax	pmax		
KMI	comp=Z,1µm,23.7s		LR	LR		
KMI	comp=Z,2µm,23.3s		LR	LR		
KMI	comp=Z,5µm,25.1s		LR	LR		
HEH	Heihe	76.69 334	eP	P	21 25 19.6	-0.3
HEH			pP	PcP	21 25 30.9	-0.3
HEH			S	S	21 35 02.8	-1.8
HEH	comp=Z,140nm,1.4s		pmax	pmax		
HEH	comp=Z,5µm,6.8s		pmax	pmax		
HEH	comp=Z,3µm,21.8s		LR	LR		
HEH	comp=Z,4µm,21.0s		LR	LR		
HEH	comp=Z,6µm,21.4s		LR	LR		
SPIA	Saint Paul Isl	76.82 12	P	P	21 25 19.2	-1.2
CM31	Chiang Mai Arr	77.02 294	P	P	21 25 23.4	+0.9
CM31	comp=Z,353nm,1.1s		IAMB	IAMB	21 25 25.5	
CMAR	Chiang Mai Arr	77.02 294	P	P	21 25 23.1	+0.6
CMAR	Chiang Mai Arr	77.02 294	P	P	21 25 23.6	+1.2
CMAR	comp=Z,233nm,1.1s,baz=126,slow=3.9,SNR=225		PKIKP	PKIKP	21 31 03.9	-0.8
CMAR	comp=Z,0.5nm,0.3s,baz=71,slow=8.7,SNR=1.5		PKPPKP	PKPPKP	21 52 33.5	+0.6

CMAR	comp=Z,0.8nm,0.3s,baz=279,slow=4.6,SNR=4.5		LR	LR	21 59 35.0	
CHTO	Chiang Mai	77.17 295	P	P		

21d 21h

Table with columns for station name, frequency, power, and signal strength. Includes stations like GWY Greenwater Val, COLA College, MZP Montezuma Peak, etc.

2018 JUN

Table with columns for station name, frequency, power, and signal strength. Includes stations like PALK Pallekele, U35K Hyder, G06A Carlson Farm, etc.

1236

Table with columns for station name, frequency, power, and signal strength. Includes stations like FYU Fort Yukon, G08A Pilot Rock, DAWY Dawson, etc.

21d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURBB, KUUR, KURY, KUU, KUH, etc.

2018 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARQ, GEYT, GYHT, GYHT, etc.

1238

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMAR Madeira, TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, etc.

AFAD 21 21:30:32.7, 0.36, 49N, 26.56E, h11km, ML2.0, I 1.1, s-min=1.7km az=124.0, AEIC 21 22:00:58.3, 2.0, 56.20N, 0.09, 149.49W, 0.1, h11km, 7km, Error ellipse: s-maj=12.6km s-min=8.5km az=167.0

ATH 21 21:30:35.7, 36.10N, 27.12E, h15km, 2km, ML2.0/3, Error ellipse: s-maj=2.3km s-min=1.2km az=86.0, Decadence Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NISR Nisiros, KARP Karpathos, YAZI Mula-Daisha, etc.

FUNUV 21 21:41:41.8, 11.20N, 62.03W, h116km, MW3.8 TRN 21 21:41:41.4, 11.23N, 62.08W, h117km, MD3.6, North of the Pania peninsula.

ISC 21 21:41:38.5, 1.4, 11.19N, 0.04, 62.09W, 0.04, h135km, 10km, n29, c1965/50, 1C, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCE Chachachare, TRN Trinidad (W), GRFF Grenada Fort F, etc.

IDC 21 21:45:00.8, 55.1, 0.24, 37S, 69.86W, h0km, Error ellipse: s-maj=196.8km s-min=130.5km az=23.0, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 108BO LAS PENAS INFRA, 141PY VILLA FLORIDA, etc.

109BR BRASILIA INFRA 22.27 71 | | 00 00 05.9

NEIC 21 22:00:55.8, 1.8, 56.21N, 0.04, 149.49W, 0.1, h23km, 9km, ML3.5/54, ML3.4(AEIC), Error ellipse: s-maj=9.6km

AEIC 21 22:00:58.3, 2.0, 56.20N, 0.09, 149.49W, 0.1, h11km, 7km, Error ellipse: s-maj=12.6km s-min=8.5km az=167.0

ISC 21 22:00:54.1, 1.5, 56.3N, 0.1, 149.53W, 0.07, h10km, n208, c1905/208, Gulf of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAK Kodiak Island, OHAK Old Harbor, SII Sitkinak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N19K Bonanza Creek, SUA Sunita One, SUA Sunita One, etc.

HEL 21 22:03:45.4-0.3, 67.17N-20.39E, h0km, ML1.8, Explosion
UPP 21 22:03:46.3-0.1, 67.19N-20.67E, h0km, ML2.0, Unknown
IDC 21 22:03:47.4-1.0, 67.16N-20.99E, h0km, mbtmp3.0,
ML2.0/4, Error ellipse: s-maj=15.9km s-min=7.7km
az=115.0

IDC 21 22:13:01.6-1.5, 6.99N-93.75E, h0km, mb3.5/7,
mbtmp3.9/8, ML4.4/1, Error ellipse: s-maj=59.8km
s-min=22.0km az=56.0
ISC 21 22:13:03.1-3.1, 6.9N-93.7E, h0km, n14, c1943/8,
mb3.6/7, Nicobar Islands region

az=75.0
DJA 21 22:58:55.0-0.2, 7.5S-2.13E, h160km, 3km, M4.8/37,
m85.2/18, mb5.0/37, MLV5.3/14, Mw(m)4.6/18
ISC 21 22:58:53.2-0.3, 6.48S-0.20-130.00E, h146km, n182,
c1948/188, mb4.6/59, 3C-2D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like DUNU, MASU, SALTU, RATU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like CMAR, H08S3, H08S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like BNDI, SAUI, SAUM, etc.

IDC 21 22:08:13.2-1.9, 113N-123.47E, h0km, mb3.2/3,
mbtmp3.3/3, Error ellipse: s-maj=203.9km
s-min=27.9km az=62.0, Minahasa Peninsula, Sulawesi
WRA Warramunga Arr 23.50 154 P P 22 13 25.1 +0.1
ASAR Alice Springs 26.66 158 P P 22 13 53.9 -0.1

IDC 21 22:30:60.0-2.3, 7.15N-93.28E, h0km, mb3.4/5,
mbtmp3.4/6, ML3.8/1, Error ellipse: s-maj=85.3km
s-min=30.2km az=61.0
ISC 21 22:31:01.5-1.7, 7.2N-92.933E, h0km, n12, c0667/6,
mb3.4/5, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like CMAR, H08S3, H08S2, etc.

JMA 21 22:10:14.7-0.1, 36.7N-0.4-141.4E, 1.0, h50km, 2km,
MV2/9/32, E OFF IBARAKI PREF
IDC 21 22:10:17.4-2.7, 35.90N-140.88E, h0km, mb3.5/3,
mbtmp3.4/4, ML2.0/1, Error ellipse: s-maj=77.0km
s-min=28.8km az=51.0
ISC 21 22:10:15.2-1.6, 36.71N-0.06-141.41E, 1.0, h50km, n19,
c125/19, mb3.6/3, Near east coast of eastern Honshu

IDC 21 22:34:20.1-0.8, 15.64S-178.12W, h0km, mb3.9/8,
mbtmp3.9/8, MS4.3/2, Error ellipse: s-maj=45.3km
s-min=20.6km az=143.0
ISC 21 22:34:24.4-1.3, 16.4S-0.5-177.7W, 0.3, h35km, n28,
c131/26, mb3.9/8, Fiji Islands region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like ONAJ, ONAJ, JHO, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like MBWA, MBWA, MANU, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like LHMI, KOUNC, SLVN, PHRA, CMAR, CRAI, CHTO, WHN, NJ2, KMI, MJAR, KSRS, XAN, HSH, HHC, USRK, FOZ, MLZ, DSZ, PALK, WKZ, WHZ, INZ, MRNZ, RPZ, THZ, NNZ, TUWZ, KHZ, SNZO, RTZ, PLWZ, BIZZ, GTA, SONM, WMQ, PETK, KSH, MK31, MKAR, MAKZ, BOOM, TKM2, KBK, UCH, AAK, USP, ARSB, EKS2, ZALV, ZALV, ZALV, BTk, CHGR, KURBB, SIMJ, KK31, KKAR, Vnda, Vnda, MAW, BVAR, GEYT, NRIK.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like ABKAR, GSPA, CNBA, RAYN, ELIB, CCB, ILAR, BMAR, CPUP, LPAZ, BJI, NEIC, HVO, MOS, GCMT, ISC, Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like RSD, UWE, OBL, SBLHI, HATHI, WRMH, BYL, RIM, KKO, SDHH, MLH, MLH, PUH, PUH, PUH, PUH, KNE, HNL, HLP, HLP, STCH, STCH, STCH, NPOC, NPOC, JCJZ, JCJZ, JCJZ, HMM, HMM, HMM, HTC, MLOA, MLOA, JOKA, JOKA, JOKA, MWH, PAH, KHU, KHU, KHU, POHA, HPO, HUH, ISSU, IS9U, HPAH, MHA, MHA, MHA, HLK, KHLH, KPA, KPA, DHH, DHH, KIP, KEK, NIKH, UNV, YBH, YBH, YBH, YBH, H11S2, H11S1, H11S3, NVAR, PPT, PPT2, PPT2, PPT2, PFO, PFO, GWY, WCT, KDKA, KDKA, KDKA, RHR, RHR, SHEM, TBI, TBI, TBI, DLBC, PDAR, WHR, HDA, NEA2, NEA2, J25K, J25K, ILAR, ILAR, ILAR, ANMO, ANMO, COLA, COLA, MDM, MDM, I23K, I23K, EGAK, EGAK, VHRN, VHRN, H24K, H24K, I28M, I28M, TXAR, TXAR, H29M, H29M, PET, PET, PET, PET, G31M, G31M, INK, INK, YKA, YKA, BILL, BILL, BILL, BILL, MA2, MA2, DZM, DZM, DZM, DZM, SEY, SEY, SEY, SEY, YSS, YSS, YSS, YSS, GUM, GUM, JCJ, JCJ, JHJ, JHJ, MJAR, MJAR, APG, APG, TEIG, TEIG, URZ, URZ, PMG, PMG, RES, RES, TKL, TKL, RPN, RPN.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like H11S2, H11S1, H11S3, NVAR, PPT, PPT2, PPT2, PPT2, PFO, PFO, GWY, WCT, KDKA, KDKA, KDKA, RHR, RHR, SHEM, TBI, TBI, TBI, DLBC, PDAR, WHR, HDA, NEA2, NEA2, J25K, J25K, ILAR, ILAR, ILAR, ANMO, ANMO, COLA, COLA, MDM, MDM, I23K, I23K, EGAK, EGAK, VHRN, VHRN, H24K, H24K, I28M, I28M, TXAR, TXAR, H29M, H29M, PET, PET, PET, PET, G31M, G31M, INK, INK, YKA, YKA, BILL, BILL, BILL, BILL, MA2, MA2, DZM, DZM, DZM, DZM, SEY, SEY, SEY, SEY, YSS, YSS, YSS, YSS, GUM, GUM, JCJ, JCJ, JHJ, JHJ, MJAR, MJAR, APG, APG, TEIG, TEIG, URZ, URZ, PMG, PMG, RES, RES, TKL, TKL, RPN, RPN.

22d Oh

Table of astronomical observations for 22d Oh, listing station names, coordinates, and observation details.

2018 JUN

Main table of astronomical observations for 2018 JUN, including station names, coordinates, and observation details.

1244

Table of astronomical observations for 1244, listing station names, coordinates, and observation details.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JHJ2 Mitsune, MAJO Matsuhiro, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AAK Ala-Archa, BVAO Borovoye Array, and various other frequencies.

SFS 22 01:54:36.7, 37:89N:3:25W, h5km, ML2.5/8, ML2.6/6, MLV2.4/8

INMG 22 01:54:37.1, 1.4, 37:86N:3:24W, h12km, 2km, ML2.3, Error ellipse: s-maj=1.61km s-min=1.3km az=160.0

MDD 22 01:54:38.0, 2, 37:86N:3:24W, h12km, mb Lg2.8/5.5, 1C-3D, Error ellipse: s-maj=1.4km s-min=1.1km az=146.0, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details. Includes stations like EQES Quesada, EBER Berja, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EZAR Zarzadilla de, EMUR La Murta, and various other frequencies.

22d 3h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ERTA Horta de San J, NICOLAU / Gran, PTEO Sao Teotonio, etc.

DJA 22 01:59:46.9 1.6, 6°N, 111°12'E, 1.1h, 138km, 16km, M4, 67, mb4.9/7, mB5.1/7, MLV4.7/7, Mw(mB)4.4/7, MwMwp6.2/1, Mwp6.2/1

ISC 22 01:59:52.2 1.8, 6°02'N, 126°49'E, h104km, 14km, mb3.6/9, mbtmp4.0/10, Error ellipse: s-maj=51.0km s-min=12.6km az=70.0

ISC 22 01:59:51.8 0.8, 6°06'N, 0109°126.6'E, 0.2, h100km, n23, r150/18, mb3.7/9, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DAV Davao City (W), TNTI Ternate, KMSI Cibinong, etc.

NEIC 22 02:00:03.2 1.7, 36°66'N, 02°09'87.7'W, 0.03, h5km, 2km, Error ellipse: s-maj=4.6km s-min=3.1km az=303.0

TUL 22 02:00:03.5 1.3, 36°57'N, 02°09'87.6'W, 0.04, h5km, 6km, ML2.7, mb_Lg2.2/32(NEIC), ML2.5/19(NEIC), Error ellipse: s-maj=4.9km s-min=2.5km az=113.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OK035 E0210 Rd and N, NOKA Waynoka, OK038 West end E0370, etc.

2018 JUN

Table with columns: U38A, U38A, KSCO, HHAR, SN07, ABTX, MSTX, T25A, MIAR, SGCY, WHAR, P40A, T42A. Includes stations like Gravette, Kaye Sheddock, Hobbs, Snyder 07, etc.

IDC 22 02:01:55.4 1.9, 6°20'S, 142°62'E, h0km, mb3.8/3, mbtmp3.8/5, ML4.0/2, MS3.2/2, Error ellipse: s-maj=79.5km s-min=30.9km az=105.0, New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, etc.

NAM 22 02:51:38.9 2.3, 19°35'S, 14°58'E, h11km, 12km, MLO.5, 9C-30, Namibia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ST9N ST9, ST9N ST9N, ST9N ST9N, etc.

IDC 22 03:16:05.8 2.4, 10°31'S, 164°58'E, h0km, mb3.9/4, mbtmp3.9/5, ML4.0/1, MS4.0/1, Error ellipse: s-maj=53.0km s-min=38.5km az=56.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, H1S2 WAKE ISLAND Hy 29.29, etc.

DSN 22 03:18:20.7 2.0, 28°16'N, 56°48'E, h10km, ML2.7/4, Error ellipse: s-maj=138.2km s-min=16.2km az=97.0

TEH 22 03:18:13.9 2.8, 28°55'N, 53°00'E, h6km, 45km, ML3.1, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JHRM Jahrom, QIR1 Qir, LAR1 Lar, etc.

1248

Table with columns: KHGB, ISAD, IBAF, IRAM, MSFE, UOSS, HATD, ASHO, SOHO, KRSH. Includes stations like Koh Gabri, Sadrabad, Badgh, Ramesheh, Esma-Masafi, Mirzaei, Ashiyah, Karshahi, etc.

NEIC 22 03:26:16.1 1.6, 65°85'N, 07°15'150W, 0.09, h3km, 5km, mb4.0/13, ML3.8/34, ML3.8(AEIC), Error ellipse: s-maj=10.7km s-min=7.5km az=162.0

IDC 22 03:26:18.7 0.9, 55°88'N, 150°15'W, h0km, mb3.8/10, mbtmp3.8/15, ML3.5/5, MS3.4/4, Error ellipse: s-maj=22.5km s-min=15.8km az=30.0

AEIC 22 03:26:21.4 1.7, 55°86'N, 08°15'10W, 0.10, h12km, 5km, Error ellipse: s-maj=11.8km s-min=7.7km az=169.0

ISC 22 03:26:18.6 0.6, 65°95'N, 06°15'16W, 0.05, h10km, n268, r142/225, mb3.9/15, MS3.4/39, Gulf of Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OHAK Old Harbor, KDAK Kodiak Island, SII Sitkinak Island, etc.

22d 4h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes entries like X40A Basin Creek Fa, 237A Washetta, WLAR White Oak Lake, etc.

AEIC 22 03:31:09.6: 1.4, 56:0N, 0:150:1W, 0:1, h12km, 8km, Error ellipse: s-maj=15.6km s-min=8.5km az=173.0

NEIC 22 03:10:33.1-7.55:91N, 0:09:150:1W, 0:1, h5km, 8km, ML2.8/12, ML2.9(AEIC), Error ellipse: s-maj=14.0km s-min=8.5km az=162.0, Gulf of Alaska

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes entries like OHAK Old Harbor, KDAK Kodiak Island, ACHA Angle Creek, etc.

22 JUN

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes entries like M18K Stony River, N25K Chitina, Valde, etc.

IDC 22 03:46:01.4-4.2, 15:14S:167:42E, h137km, 33km, mb3.8/9, mbmp4.1/1.0, Error ellipse: s-maj=31.1km s-min=19.7km az=61.0

NOU 22 03:47:17.8, 20:85S:167:07E, h08km, MLV2.1/6, Loyalty Islands

ISC 22 03:46:00.0-0.9, 15:05S:0:09:167:5E, 0:2, h129km, n25, s120/25, mb4.2/10, 4C, Vanuatu Islands

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes entries like LIFNC LIFOU, YATNC Mamie plateau, DZM Mont Dzumac, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes entries like C006 Cuesta del Vie, AC0Y El Pedregal, C003 El Pedregal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vesyolye, Khabaz, Kislovodsk, Belyy Ugol+, Guzerip', Sochi, Pyatigorsk, Maryino, Borcka, DBOC, DAGI, DBAD, DDEM, DDEEM, DDEEM, DDEEM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

NOU 22 05:36:21.9, 37:52S; 177:21E, h181km, MLV3.5/10, Off E. Coast of N. Island, NZ.

WEL 22 05:36:26.3, 0.7, 37:54.4 x 17:7E, h132km, Gkm, M3.3/70, ML3.3/31, MLV3.3/70, Error ellipse: s-maj=0.6km

ISC 22 05:36:21.7, 1.8, 37:51.5S; 0:06:177:10E, h175km, gkm, n131, n1587/149, Off east coast of North Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSRZ, WHRZ, WHRZ, OPCS, OPCS, OPRZ, OPRZ, MARZ, HAZ, HAZ, RUGZ, RUGZ, EDJR, THZ, THZ, URZ, URZ, MKRZ, OMRZ, KARZ, PKGZ, PKGZ, TARZ, MWZ, MWZ, HLRZ, MXZ, MXZ, TWGZ, TWGZ, MUGZ, MUGZ, RAGZ, RAGZ, HRRZ, HRRZ, WMGZ, WMGZ, HRRZ, HRRZ, TKGZ, TKGZ, RTZ, RTZ, PRRZ, GRRZ, ALRZ, ALRZ, WPRZ, WPRZ, SNGZ, SNGZ, TOZ, TOZ, RIGZ, RIGZ, CNRZ, CNRZ, KUZ, KUZ, MTHZ, MTHZ, RAHZ, RAHZ, KUTZ, MRHZ, MRHZ, WHTZ, WHTZ, FRTZ, FRTZ, WHHZ, WHHZ, KNKZ, KNKZ, NMHZ, NMHZ, WATZ, WATZ, RATZ, RATZ, BKZ, BKZ, WIAZ, WIAZ, MHGZ, MHGZ, RITZ, RITZ, KBAZ, KBAZ, ERZ, ERZ, KATZ, KATZ, MBAZ, MBAZ, NTVZ, NTVZ, TMVZ, TMVZ, KRVZ, KRVZ, ETVZ, ETVZ, MCHZ, MCHZ, KWHZ, KWHZ, WTVZ, WTVZ, NNVZ, NNVZ, OTVZ, OTVZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AWAZ, SNVZ, ABAZ, HWZ, HWZ, TUWZ, TUWZ, FWVZ, FWVZ, BHHZ, BHHZ, RVAZ, RVAZ, TRVZ, TRVZ, WNVZ, WNVZ, MOVZ, MOVZ, KHZ, KHZ, PKVZ, PKVZ, MTVZ, MTVZ, KAHZ, KAHZ, PNHZ, PNHZ, WPHZ, WPHZ, TSZ, TSZ, WCZ, WCZ, PRHZ, PRHZ, DVHZ, DVHZ, POWZ, POWZ, PRWZ, PRWZ, BFZ, BFZ, MRZ, MRZ, TWZ, TWZ, HOWZ, HOWZ, OGWZ, OGWZ, OUZ, OUZ, OUZ, OUZ, KIWZ, KIWZ, MTW, MTW, DUWZ, DUWZ, MSWZ, MSWZ, TCW, TCW, PLWZ, PLWZ, TWZ, TWZ, NLWZ, NLWZ, QRZ, QRZ, MRNZ, MRNZ, KHZ, KHZ, KHZ, KHZ, KHZ, KHZ, LTZ, LTZ, MGZ, MGZ, ODZ, ODZ.

ISC 22 05:37:07.9, 0.6, 13:94N; 144:58E, h188km, 7km, mb3.1/7, mbmp3.6/7, Error ellipse: s-maj=43.3km s-min=16.7km az=85.0

NEIC 22 05:37:08.2, 0.4, 14:01N; 0:08:144:4E, 0.1, h189km, 7km, mb4.0/8, ML3.7/4, Error ellipse: s-maj=18.2km s-min=1.5km az=91.0

ISC 22 05:37:08.7, 0.1, 14:01N; 0:14:44:6E, 0.2, h200km, n17, n156/19, mb3.5/10, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, WBO, WBO, WRA, WRA, AS31, AS31, ASAR, ASAR, DZM, DZM, SONM, SONM, BBOO, BBOO, MKAR, MKAR, GVZ, GVZ, NVAR, NVAR.

ISC 22 05:44:22.6, 2.0, 3:77S; 142:48E, h0km, mb3.6/2, mbmp3.8/3, ML4.3/1, Error ellipse: s-maj=290.4km s-min=32.0km az=114.0, Near north coast of New Guinea

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

ISC 22 05:59:45.9, 3.0, 54:30N; 87:26E, h0km, mbmp3.0/2, ML2.5/2, Error ellipse: s-maj=26.1km s-min=17.5km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, ILAR, ILAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, WSAR, GEYT, GNI, BRTR, KBZ, AKTO, BVAR, MKAR, KURBB, KIRV, TORD, CMAR, ZALV, FINES, MDT, SONM, JCJ, WRA.

ISC 22 06:20:56.8, 0.7, 40:22S; 176:62E, h0km, mb4.6/7, mbmp4.6/8, ML3.9/1, MS3.8/17, Error ellipse: s-maj=25.4km s-min=18.2km az=90.0

NEIC 22 06:20:56.1, 1.6, 40:48S; 0:04:176:92E, h10km, 1km, mb4.6/12, Error ellipse: s-maj=12.0km s-min=2.9km

NOU 22 06:20:59.5, 4:03S; 176:72E, h22km, mb5.1/27, North Island, New Zealand

WEL 22 06:21:00.8, 40:31S; 176:60E, h12km, ML4.9, Mw4.7, Moment Tensor Solution, 7 Moment Tensor: M1=19.62; M2=-55.59; M3=66.04; M4=262.81; M5=-55.14; M6=-827.96; Fault plane solution: NP1: 0:121.00000; 0:35.00000; 1:37.00000; NP2: 0:360.00000; 0:70.00000; 1:120.00000

ISC 22 06:20:59.7, 0.7, 40:41S; 0:03:176:72E, h2km, 4km, n283, n123/285, mb4.6/18, MS3.9/17.5C, North Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PGFS, PGFS, PRHZ, PRHZ, ANWZ, ANWZ, PXZ, PXZ, WPHZ, WPHZ, WPHZ, DVHZ, DVHZ, BFZ, BFZ, BFZ, BFZ, WPRZ, WPRZ, TRMS, TRMS, KAHZ, KAHZ, KAHZ, PNHZ, PNHZ, CPWZ, CPWZ, PSWZ, PSWZ, TIWZ, TIWZ, CKHZ, CKHZ, KRHZ, KRHZ, MRZ, MRZ, TMWZ, TMWZ, MCHZ, MCHZ, KWHZ, KWHZ, HOWZ, HOWZ, OHWZ, OHWZ, ARHZ, ARHZ, MTW, MTW, MOVZ, MOVZ, OGWZ, OGWZ, BKZ, BKZ, BKZ, NMHZ, NMHZ, PAWZ, PAWZ, WTVZ, WTVZ, WHHZ, WHHZ, MTVZ, MTVZ, TUWZ, TUWZ, WHVZ, WHVZ, MRZ, MRZ, KIWZ, KIWZ, FWVZ, FWVZ, SNVZ, SNVZ, WNZ, WNZ, OUKZ, OUKZ, ETVZ, ETVZ, MSWZ, MSWZ, MSWZ, MSWZ, TMWZ, TMWZ, RAHZ, RAHZ, ARHZ, ARHZ, NTVZ, NTVZ, PKVZ, PKVZ, KRVZ, KRVZ, MHGZ, MHGZ, MTHZ, MTHZ, KNKZ, KNKZ, RITZ, RITZ, HATZ, HATZ, MRHZ, MRHZ, PLWZ, PLWZ.

Table of astronomical observations for 2018 JUN, listing station names (e.g., KATZ, TWVZ, SNGZ), coordinates, and observation times.

Table of astronomical observations for 2018 JUN, listing station names (e.g., KSRS, CMAR, CMAR), coordinates, and observation times.

PRU 22 06:34:49.2, 51.53N, 16.02E, h0km
VIE 22 06:34:49.0, 1.1, 51.42N, 16.01E, h0km, mb2.5/5, ml2.7/6,
Error ellipses: s-maj=6.3km s-min=4.6km az=163.0,
Suspected Missing Induced.

Table of astronomical observations for 2018 JUN, listing station names (e.g., CHVC, OSTC, DPC, PVCC, BRG, KRLC, RICC, PRU, CLL, HSKC, MORC, VRAV, KRUC, OJC, KHC, LANS, MODS, BSD, CONA, RONA, MOA, LUNU, BIOA, ARSA, BJUU, DAVO, LESA, DEL, DEL), coordinates, and observation times.

SDD 22 06:58:49.7z-1.18:74N:69:45W, h98km, 8km, MD3.8, ML3.2, MW3.8, Fault plane solution: N1P1:41.80000°, 836.40000°, 136.10000°

ORSL 22 06:58:50.3z-1.18:61N:69:44W, h92km, 6km, ML2.9

ISC 22 06:58:45.4z-1.4, 18.76N:0.06:69.48W:0.03, h121km, 7km, n46, c212/57, 15C-12D, Dominican Republic region

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

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

IDC 22 07:00:08.6z-3.3, 54:15N:86:67E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=27.8km s-min=16.6km

az=50.0, Southwestern Siberia

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

IDC 22 07:05:04.6z-1.0, 10:43N:126:35E, h0km, mb3.7/8, mbtmp3.7/8, MS3.2/3, Error ellipse: s-maj=46.5km

s-min=20.7km az=60.0

ISC 22 07:05:10.7z-1.0, 10:44N:126:32E:0.3, h44km, n14, c075/8, mb3.8/8, Philippines Islands region

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

IGQ 22 07:07:10.7z-0.4, 1S:19:8'2W:4', h0km, M4.3/6, Off coast of Ecuador

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

IDC 22 07:07:55.0z-0.9, 36:92S:78:28E, h0km, mb4.0/7, mbtmp4.0/7, MS3.9/32, Error ellipse: s-maj=31.5km

s-min=25.9km az=113.0

NEIC 22 07:07:56.6z-1.3, 37:10S:0:06:77.94E:0.09, h10km, 1km, mb4.3/10, Error ellipse: s-maj=12.7km s-min=9.2km

az=101.0

ISC 22 07:07:56.3z-0.7, 37:10S:0:17:08E:0.2, h9km, n65, c059/26, mb4.3/11, MS4.0/33, Mid-Indian Ridge

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

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

IDC 22 07:25:17.4z-2.2, 5:81S:152:24E, h0km, mb3.6/3, mbtmp3.7/3, Error ellipse: s-maj=142.9km

s-min=29.9km az=128.0, New Britain region

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

NEIC 22 07:41:42.8z-1.7, 37:99N:0:008:12:17W:0:01, h10km, 1km, Error ellipse: s-maj=2.5km s-min=1.6km

az=53.0

NEIC 22 07:41:42.5z-37:99N:121:72W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=-1.45;

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

Mw>2.62; Mw4.07; Mw2.03; Mw3.05; Mw1.17; Fault plane solution: M9.110000*1013 NP1.02257.31000* 578.13000*.A-1.334000*. NP2.0350.10000*.876.950000*. -1.67.820000*. Principal axes: T 9.4435, P1g1.0000*, Azm304.00000*. N - 0.7018, P1g27.99999*. Azm36.00000*. P - 8.7416, P1g18.00000*. Azm214.00000*.

NCEDC Z227:01:42.5:1.6.377991N:0.009:121.72W:0.01, h10km,2km,Mwr3.2/3,ML3.2/3(NEIC) Error ellipse: s-maj=1.5km s-min=1.2km az=49.0, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Hedge Avenue B, Russellman Par, Hamilton Ranch, Byron Hot Spri, Morgan Territo, Sunflower Cour, Taylor, Doolan Road, Lawview Circl, Rutherford Dri, Kell Court Ala, Buffer Zone, Hawkins Drive, Christie Drive, Bolinger Road, Saint Mary's C, Rente Vineyard, Lake Chabot, Vallejo, Rincio Ridge, Corral Hollow, Meadowview Dri, Ascot Lane, Brunell Drive, Volmer Peak, San Leandro Hi, Gavin Park, Mills College, Berkeley-Byer, Hercules, Niles Canyon, Adit at Lawren, Dillo Street S, Building L, University of, Building 67, Eucalyptus Rd, Berkeley-Havi, Mandan Oak, Cottonwood Ave, Eastshore Driv, Posada Way Fre, San Pablo Ridg, Diablo Avenue, Lk Pillsbury D, Mtland Drive, Bright Common, 33rd St Richmo, Richmond Field, Festivo Court, Firch Court Fr, Farnham Drive, Alendale, S Grimmer Bl F, Mount Lewis, Coyote D'meter, Yerba Buena Is, Calaveras Res., Point Molate, Mount Mocho, Mt Oso, Westie, Sears Point, Atlas Peak, San Bruno Moun, Coyote Lake, Presidio of Sa, N 16th Street, Mount Hamilton, Arnold Ranch, Lakeshore Driv, Carmel Valley, San Andreas, Stanford Teles, Milagra Ridge, Cahill Ridge, Santa Clara Co, Jasper, St Joseph, Valleyhaven Wa, Coe Ranch Numb, Foothills Park, Black Mountain, Berryessa Peak, Dunningan Hills, Saint Joseph's, Bear Gulch, Anderson Res., Laurel Hill, NOLM, Gilroy Hot Spr, Marconi Confer, comp=E,508nm,0.7s, comp=N,426nm,0.7s, JPSM, HLPM, NHSM, NMTM, SLD, NPRM, HFEM, PACP, MNRC, CMB, FARB, HCSM, JELB, HCOL, GCRM, ANZ, GBGM, AFDM, AFDM, HTUM, GSGM, GGPM, HSFM, HERM, MYLM, GRTM, SUTB, GSSM, SAO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Silva Ranch, Fremont Peak, Summit Buttes, Baldy Mountain, House Creek, Binnas Radio, Stimpson Lane, Monterey, Mount Johnson, Santa Cruz, Pine Canyon, GHLN Sprin, Palermo, Johnson Can., Wyandotte, Bear Valley, TCSM Trough Spains, Big Mountain B, Pinnacles, Ponciano Ridge, Emerald Bay, Hastings Reser, Shirtaul Gulc, Rubicon Trail, Soledad Missio, KPK, GK, Clark Valley, GOGM Van Goodin Ran, Donner Summit, Martis Peak, Walker, comp=N,142nm,1.1s, Friant, Monarch Peak, comp=N,168nm,0.9s, comp=E,130nm,1.1s, Crazy Canyon, Westland Hill, Hunter Li, Kaiser Creek, PPTM Peach Tree Val, Sabati Peak, Smith Mountain, Peavine Mounta, Devils Postpil, comp=N,303nm,0.8s, Minaret Summit, Deadman Creek, Beckworth, Colby Mountain, MMSM Mammoth Summit, Mammoth Pass, Lincoln Peak, Dry Creek, Mammoth Lakes, Hope Ranch, East Mammoth H, Hesperia Broad, Tuscan Springs, Casa Diablo H, Laurel Creek C, Casa Benchmark, Vineyard Canyon, Paynes Creek, Doe Ridge, Mammoth, Mamm, Convict Lake, Castle Mountain, Mt. Diablo Mer, Digger Butte, Ramage Ranch, Pah Ranch Range, Benton, Cass Winery, P, Mina Array Bea, Hat Creek Radi, HATC, comp=N,103nm,1.7s, HATC, comp=N,82nm,1.9s, Isabella, Lake, Bitter Crk WRG, comp=N,43nm,0.8s, comp=E,43nm,1.9s, Yeh, Santa Cruz Isl, Goldstone, Bar, comp=N,14nm,0.9s.

IDC Z22 08:05:30.6:2.8.55.55N:86.50E,h0km,mbtmp3.5/3, ML2.6/3, Error ellipse: s-maj=27.4km s-min=19.4km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ZALESOVO INFRA 1.87 212, ZALV Zalevovo Beam, ZALV, KURBB Kurchatov Arra, MKAR Makanchi Array, Borovoye Array, comp=N,14nm,0.9s.

IDC Z22 08:16:2.0:9.9:92N:138.44E,h0km,mb4.1/10, mbtmp4.1/10, MS3.4/26, Error ellipse: s-maj=31.6km s-min=20.1km az=82.0

ISC Z22 08:18.0:0.9.99N:0.1:138.5E:0.1,h10km,n39, s=07412, mb4.2/11, MS3.3/23, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, JUM, GJC, JOW, PMG, JHU, JUNU, MJAR, H1S3, H1S1, H1S2, HNR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Korea Array, WAKE ISLAND Hy 29.13 67 T, WAKE ISLAND Hy 29.14 67 T, WAKE ISLAND Hy 29.15 67 T, Warramunga Arr, ASAR, ASAR, LuoYang, ASAJ, USRK, CMAR, CMAR, KLR, DZM, PETK, SONM, SHEM, MKAR, MKAR, MKAR, ZALV, ZALV, KURBB, AAK, BVAR, KDAR, ELAR, BB, ARCES, YKA, FINES, NVAR, AKASE.

IDC Z22 08:13:28.9:2.9.5370N:86.93E,h0km,mbtmp2.7/2, ML2.6/2, Error ellipse: s-maj=26.9km s-min=15.4km az=73.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ZALESOVO INFRA 1.27 282 I, ZALV Zalevovo Beam, ZALV, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR.

JMA Z22 08:14:07.9:0.2.2422N:0.4:1233E:0.4,h21km,1km, MW2.3/10, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HATERUMAJIMA, KUROSHIMA, IRIOMOTE-FUNAU, ISHIGAKI JIMA, ISHIGAKIJIMAH, YONAGUNI JIMA, YONAGUNIJIMAKU, TARAMA.

TAP Z22 08:14:20.0:24.72N:121.80E,h10km,ML1.9,C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ILA, ILA, NDS, NDS, ESAO, ESAO, FUSB, FUSB, EWUT, EWUT, NDT, LATG.

IDC Z22 08:18:57.6:2.7.2.44S:100.44E,h0km,mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=127.4km s-min=18.7km az=53.0

DJA Z22 08:19:06.5:0.4.2.S4*10^1E*,h33km,11km,M4.4/6, mb4.6/1, MLV4.3/6

ISC Z22 08:19:05.7:0.9.230S:0.05:100.63E:0.07,h50km,n26, s=1508/16, mb4.1/7, Southern Sumatra

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

Table with columns: SISI, Saibi, 1.81 302 P, Pn, 08 19 35.4 +0.8, etc. Includes stations like BKNi, PBSt, KASi, H0S2S, H0S3J, H0S4I, H0S5I, H0W13, H0W12, H0W11, WRA, ASAR, SONM, MKAR, KURBB, ZALV, BVAR, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, TXAR.

IDC 22 08:53:22.2.54, 54.27N, 86.06E, h0km, mbmp3.1/2, ML2.9/2, Error ellipse: s-maj=18.5km s-min=11.7km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, KURBB, MKAR, MKAR, MKAR.

GII 22 08:57:33.2.0.2.26: 953N, 0.002:35:316E:0.001, h20km, Mwts:7, confirmed

SGS 22 08:57:33.6.26: 96N, 35:06E, h2km, MI2.4, HLW 08:57:33.3, 26:17N, 34:91E, h10km, 2.7km, M3.6, MI3.2

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like MWLHS, NSFO, WJHS, KRABS, AYUS, BDAS, NADB, URD07, EWJHS, URD06, TAYS, BIDS, TBKS, JLOS, URD04, UMJ05, HQS3, URD03, UMJ11, URD10, JMOS, UMJ06, URD04, HRDS, UMJ02, URD11, HQLS, GRB, NEDF, QLABS, EIL, MBRI, LNY05, HRFI, KRMI, PRNI, SUZ, TAMRE, GTR, MSBI, DSI.

IDC 22 08:59:22.3.1, 54.30N, 86.87E, h0km, mbmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.1km s-min=16.4km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB.

1.1nm,0.5s MKAR Makanchi Array 8.05 203 Pn Pn 09 01 21.6 +1.2 ... NOU 22 09:01:05.8, 41:78S:174:71E, h7km, MLV3.8/11, Cook Strait, New Zealand ... NEIC 22 09:01:07.5: 1.2, 41:62S:0:03:174:51E:0:04, h26km, 8km, mb4.3/7, Error ellipse: s-maj=4.9km s-min=2.4km ... WEL 22 09:01:08.0: 4.0, 42° S:2° 17' 4E:1, h8km, 3km, M3.4/6/1, ML3.7/12, MLV3.4/6/1, Error ellipse: s-maj=0.0km s-min=0.0km, confirmed ... ISC 22 09:01:06.0: 1.2, 41:60S:0:03:174:51E:0:02, h13km, 9km, n166, 0.15/17/203, mb4.2/5, Cook Strait

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like CMWZ, SNZO, SNZS, SEDS, BHW, BWH, WNAS, TRTW, WTKS, WDFS, MKVS, MISS, SEAW, WEL, MKBS, MKBS, TCW, TUWZ, PHHS, TUWZ, TUWZ, BWRV, QCCS, BSWZ, KEKS, NWFV, PLWZ, PLWZ, MSWZ, MSWZ, HAVS, PAWZ, FTFS, KIW, MAVS, MAVS, MTW, MTW, DUWZ, OGWZ, NNZ, NNZ, KHWZ, KHZ, KHZ, THZ, MRZ, TKNZ, THZ, MRZ, MRZ, PRNZ, AMZ, PNHZ, WPHZ, LREZ, NMEZ, PREZ, MTVZ, KHEZ, KHEZ, NEZ, PXZ, NBEZ, OKCZ, MOVZ, PKVZ, KRHZ, WNZ, BHHZ, DREZ, TRVZ, PKEZ, WHVZ, MAVZ.

IDC 22 09:04:52.8.1.6, 54.64N, 83.77E, h0km, mbmp2.9/1/3, ML2.7/3, Error ellipse: s-maj=13.5km s-min=9.4km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, BVAR, MKAR.

IDC 22 09:17:07.2.3.2, 54.32N, 87.24E, h0km, mbmp2.8/2, ML2.7/2, Error ellipse: s-maj=26.5km s-min=17.7km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

IDC 22 09:33:46.2.3.1, 54.07N, 86.61E, h0km, mbmp2.7/2, ML2.6/2, Error ellipse: s-maj=25.1km s-min=14.9km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like FWVZ, VRZ, TUWZ, MOZ, KAZH, OXZ, COVZ, MHEZ, INZ, INZ, KAZH, SNVZ, AKCZ, OTVZ, NNVZ, WTVZ, KWHZ, TWVZ, ETVZ, TMVZ, KRVZ, NTVZ, MCHZ, RACZ, KATZ, RITZ, BKZ, BKZ, RKTZ, MHCZ, WACZ, HIZ, HUZ, MRHZ, WVZ, RPZ, RPZ, ARZ, RTZ, GCSZ, TMZ, URZ, TLZ, TOZ, FOFZ, FOFZ, ODZ, ODZ, ODZ, MAKZ, AWKZ, JJCZ, JJCZ, WLBZ, WLBZ, VMDZ, VMDZ, VNAZ, AS31, COEN, WRO, WRO, WFBZ, WFBZ, WRAB, WRAB, WBO, WBO.

IDC 22 09:47:07.2.3.2, 54.32N, 87.24E, h0km, mbmp2.8/2, ML2.7/2, Error ellipse: s-maj=26.5km s-min=17.7km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, BVAR, MKAR.

IDC 22 09:53:46.2.3.1, 54.07N, 86.61E, h0km, mbmp2.7/2, ML2.6/2, Error ellipse: s-maj=25.1km s-min=14.9km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

IDC 22 09:34:57.3.3, 54.26N, 87.20E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=29.3km s-min=18.2km

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like CO03 El Pedregal, RFA San Rafael, ZON Zonda, etc.

UPP 22 11:05:42.6:3.4, 63.97N:34.21E, h0km, ML2.1
IDC 22 11:00:04.8:2.1, 64.59N:30.93E, h0km, mbmp3.2/4, ML2.4/4, Error ellipse: s-maj=29.6km s-min=10.7km az=112.0

KOLA 22 11:00:05.9, 64.66N:30.81E, h0km, ML2.4, Error ellipse: s-maj=18.1km s-min=9.9km az=160.0, Kostomuksha, Karelia

HEL 22 11:00:07.1:0.2, 64.59N:29.95E, h0km, ML2.1, Explosion
ISC 22 11:00:03.8:0.8, 64.65N:0.02:30.61E:0.04, h0km, n56, c189/69, Finland-Karelia border region

Main table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Lists numerous stations including ROMUVAARA, RIEKKI, MSF, etc.

comp=Z,0.3nm,0.3s,baz=56,slow=26,SNR=2.1
NOA NORSAR Array B 9.56 257 Pn Pn 11 02 21.9 -0.7

CNRM 22 11:31:19.2, 35.03N:4.87W, h73km, ML2.0
IGIL 22 11:31:20.9, 35.06N:5.03W, h26km, ML2.1
INMG 22 11:31:20.2, 1.6, 35.07N:5.03W, h32km, 9km, ML2.3, Error ellipse: s-maj=4.9km s-min=3.1km az=79.0

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like CHEFC, CHEFCHOUEN, PEBZ, etc.

MDD 22 11:31:22.4:0.8, 35.23N:4.94W, h30km, 6km, mb, Lg2.3/12, Error ellipse: s-maj=4.8km s-min=3.8km az=176.0

ISC 22 11:31:17.8:1.8, 35.11N:0.03:4.87W:0.02, h27km, 18km, n66, c2516/97, Strait of Gibraltar

Main table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Lists numerous stations including CHEFC, CHEFCHOUEN, PEBZ, etc.

HVO 22 11:37:06.7:1.0, 19.398N:0.009:155.273W:0.007, h1km, 3km, ML3.6/26, ML3.3/40(NEIC), Error ellipse: s-maj=1.3km s-min=0.9km az=163.0

NEIC 22 11:37:07.7:1.2, 19.395N:0.004:155.287W:0.008, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.1km az=125.0

IDC 22 11:37:09.3:2.1, 19.66N:155.34W, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=67.5km s-min=15.9km az=165.0

Main table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Lists numerous stations including RIM, KKO, BYL, etc.

NNC 22 12:37:24.1:5.2, 37.23N:70.68E, h0km, mb4.0, mpv3.6, 2C-3D, Error ellipse: s-maj=40.5km s-min=38.7km az=145.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Lists stations like KK31, KK31, AAK, etc.

IDC 22 12:42:36.5:3.1, 40.27S:176.54E, h0km, mb4.1/2, mbmp3.8/4, ML3.0/2, Error ellipse: s-maj=69.9km s-min=22.0km az=128.0

NOU 22 12:42:39.7, 40.42S:176.65E, h29km, ML3.7/9, North Island, New Zealand

NEIC 22 12:42:39.7:1.7, 40.38S:0.04:176.65E:0.09, h33km, 9km, mb4.1/7, Error ellipse: s-maj=10.9km s-min=4.8km az=115.0

WEL 22 12:42:40.2:0.6, 40.52S:177.7E:1.1, h15km, 4km, M3.7/75, ML4.1/11, ML3.7/75, Error ellipse: s-maj=10.2km az=102.4, confirmed

ISC 22 12:38.9:0.8, 40.34S:0.02:176.64E:0.03, h25km, 5km, n173, c1919/196, mb4.2/7, North Island

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Lists stations like PGFS, PRHZ, ANWZ, etc.

FINES FINES Array B 11.70 17 Pn Pn 13 33 41.0 0.0
 comp= $Z=2.0$, $nm,0.3$, $baz=199$, $slow=11$, $SNR=8.2$

FINES Sn Sn 13 35 47.5 -4.8
 comp= $Z=2.0$, $nm,0.3$, $baz=199$, $slow=11$, $SNR=1.3$

ARCES ARCESS Array B 19.39 7 Pn Pn 13 35 21.1 0.0
 comp= $Z=0.1$, $nm,0.3$, $baz=188$, $slow=13$, $SNR=4.0$
 comp= $Z=0.9$, $nm,0.7$ s

IDC 22 14:22:27.9, 0.9, 10.167S:165.65E, h0km, mb3.9/7,
mbmp4.0/8, ML4.1/1, MS3.4/21, Error ellipse:
s-maj=37.9km s-min=22.8km az=133.0
NEIC 22 14:22:32.6, 1.4, 10.164S:165.95E:0.07, h41km, 14km,
mb4.6/7, Error ellipse: *s-maj=13.5km s-min=8.4km*
az=147.0

ISC 22 14:22:33.2, 0.8, 10.82S:108.165E:0.10, h35km, n48,
o136/24, mb4.1/9, MS3.5/19, 1D, Santa Cruz Islands

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
HNR	Honihara	5.97	283	Pn	14 23 58.2 -1.0
HNR	Honihara	5.97	283	Op	14 25 08.9 +2.6
HNR	Honihara	5.97	283	LR	14 26 16.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
KOUNC	Koumac, New Ca	9.79	199	Op	14 24 52.9 +1.2
KOUNC	Koumac, New Ca	9.79	199	Pn	14 26 40.9 +0.5
KOUNC	Koumac, New Ca	9.79	199	LR	14 27 45.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
DZM	Mont Dzumac	11.21	177	Pn	14 25 12.3 +1.3
DZM	Mont Dzumac	11.21	177	Pn	14 25 12.7 +1.6
DZM	Mont Dzumac	11.21	177	LR	14 27 12.9 -2.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ONTNC	Ouen Toro	11.44	177	Pn	14 25 16.6 +2.4
PINNC	Pines Island	11.83	173	Pn	14 25 21.1 +1.6
PMG	Port Moresby	18.45	273	LR	14 33 35.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
EIDS	Eidsvold	20.13	222	P	14 27 04.5 +0.2
EIDS	Eidsvold	20.13	222	IAMB	14 27 06.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
CTAO	Charters Tower	20.99	242	P	14 27 13.8 +0.1
CTAO	Charters Tower	20.99	242	IAMB	14 27 18.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ARMA	Armadae	23.56	212	P	14 27 41.2 +0.4
RAO	Raoul Island	23.80	143	LR	14 35 24.6

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
URZ	Urewera	29.13	162	LR	14 34 20.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
H1S2	WAKE ISLAND Hy 29.13	2.2	2	T	14 59 02.5
H1S3	WAKE ISLAND Hy 29.14	2.2	2	T	14 59 03.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
H1S1	WAKE ISLAND Hy 29.15	2.2	2	T	14 59 03.3
H1N1	WAKE ISLAND Hy 30.36	2.2	2	T	15 00 43.2

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
H1N3	WAKE ISLAND Hy 30.36	2.2	2	T	15 00 41.6
H1N2	WAKE ISLAND Hy 30.37	2.2	2	T	15 00 25.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
STKA	Stephens Creek	30.68	223	LR	14 40 15.5
WB0	Warramunga Arr	31.57	250	P	14 28 51.6 -1.1

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
WBO	Warramunga Arr	31.57	250	IAMB	14 29 07.0
WRA	Warramunga Arr	31.66	250	P	14 28 52.1 -1.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
GUMO	Guam	31.95	319	LR	14 42 33.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ASAR	Alice Springs	32.98	243	P	14 29 03.2 -1.9
ASAR	Alice Springs	32.98	243	LR	14 41 43.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
PPT2	Papeete	43.66	104	eLR	14 42 46.6

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
NWA0	Narrogin (SRO)	49.67	236	P	14 31 20.9 -0.9
MORW	Morawa	49.82	241	P	14 31 22.8 -0.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
MJAR	Matsushiro Arr	53.81	332	LR	14 52 22.7
JNU	Nakatsue	54.95	324	LR	14 51 04.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ASAJ	Asahikawa	58.61	341	LR	14 53 23.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
SHEM	Shemya Is, Ala	63.69	6	LR	14 53 51.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
KLR	Kuldrur	66.89	336	LR	14 58 31.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
MA2	Magadan	71.20	352	LR	14 59 34.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
KDAK	Kodiak Island	76.33	21	LR	15 02 07.9

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
YAKK	Yakutsk	79.91	343	LR	15 10 10.9

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
QSPA	South Pole Qui	79.19	180	P	14 34 33.6 -0.9
QSPA	South Pole Qui	79.19	180	IAMB	14 34 37.7

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
QSPA	South Pole Qui	79.19	180	P	14 34 35.7 +1.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ILAR	Eielson Array	83.27	18	P	14 34 56.4 +0.5
ILAR	Eielson Array	83.27	18	LR	15 05 46.4

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
YBHV	Yreka Hue Hor	83.66	46	LR	15 11 06.2

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
BBB	Bella Bella	84.33	34	LR	15 05 17.4

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
NVAR	Mina Array Bea	85.80	50	P	14 35 08.9 -0.7

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
PFO	Pinyon Flats O	85.87	55	LR	15 08 46.1

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
TIXI	Tiksi	85.89	349	LR	15 15 37.2

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
PDAR	Pinedale Array	93.33	47	P	14 35 45.8 +0.8

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
MKAR	Makanchi Array	93.42	317	P	14 35 45.0 -0.1

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ELIB	Princess Elisa	94.73	191	P	14 35 46.3 -0.2
YKA	Yellowknife Arr	93.78	27	LR	15 12 45.2

IDC 22 14:26:22.5, 0.9, 6.24S:143.57E, h0km, mb4.0/5,
mbmp4.0/7, ML1.8/1, Error ellipse: *s-maj=40.0km*
az=130.0

ISC 22 14:26:24.3, 0.9, 25.02S:143.6E:0.2, h10km, n8, o877/8,
mb4.1/5, New Guinea

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
PMG	Port Moresby	4.77	132	Pn	14 27 37.3 +1.0
PMG	Port Moresby	4.77	132	Op	14 28 31.0 -0.6

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
WRA	Warramunga Arr	16.33	212	Pn	14 30 08.0 -5.8
WRA	Warramunga Arr	16.33	212	Op	14 32 59.8 -1.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
WRA	Warramunga Arr	16.33	212	Op	14 34 54.8
ASAR	Alice Springs	32.98	243	Pn	14 30 54.1 +0.4

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ASAR	Alice Springs	32.98	243	Op	14 34 19.5 -1.6
ASAR	Alice Springs	32.98	243	LR	14 36 41.6

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
MKAR	Makanchi Array	75.51	322	P	14 38 09.3 +0.4

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
KURBB	Kurchatov Arra	79.37	324	P	14 38 30.5 0.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
QSPA	South Pole Qui	83.75	180	P	14 38 52.5 -1.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
BPVAP	Boyovoye Array	84.94	325	P	14 38 59.9 +0.3

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
ILAR	Eielson Array	87.04	24	P	14 39 09.3 -0.4

NOU 22 14:43:33.7, 17.28S:168.07E, h31km, MLV4.2/9, Vanuatu Islands, Vanuatu Islands

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
DVP	Devils Point	0.46	166	P	14 33 45.1 +1.0
LIFNC	LIFOU	3.57	193	Pn	14 34 26.5 -0.4

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
KOUNC	Koumac, New Ca	4.84	227	P	14 34 44.7 +0.3
VATNO	Mamie plateau,	4.85	194	P	14 34 44.0 -1.0

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
DZM	Mont Dzumac	5.01	198	P	14 34 46.0 -0.8
NOUC	Port Laguerre	5.08	199	P	14 34 47.2 -0.5

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res
OUENC	Ouen Island, N	5.24	193	P	14 34 51.0 +1.0
PINNC	Pines Island,	5.34	186	P	14 34 52.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUKAN kangal_SIVAS, ELBS KAHRAMANMARAS, AZEY Adyaman-Merk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, ULM 0.1nm,0.3s, I10CA LAC DU BONNET, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLSI Meulaboh, LHMI Lhok Sumawe, KCSI Kotacane, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LWLI Liwa, KASI Kota Agung, PPSI Pulau Pagai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ITBZ Tabriz, IAZR Azarshahr, IHRH Heris, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANDA Cape Leeuwin, H01W1 Cape Leeuwin, ASAR Alice Springs, etc.

ICC 22 17:55:38.9,5,0,36:17N:71:00E,h193km,46km,mb3.2/9, mbmp3.8/13,Error ellipse: s-maj=37.9km s-min=24.9km az=32.0

NEIC 22 17:55:42.7,2.5,36:49N:0:06:71:21E:0:09,h236km,8km, mb4.3/6, Error ellipse: s-maj=10.2km s-min=8.3km az=67.0

NNC 22 17:55:45.6,6.9,36:97N:71:23E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=55.9km s-min=52.1km az=130.0

ISC 22 17:55:42.4,0.9,36:51N:0:07:71:25E:0:07,h223km,8km, n39,19:44:51,mb3.5/10,3C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code Station Name, Garm, Kabul, Chuyangaron, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, KAK Ala-Archa, BOOM Boomskeye usch, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TARG Taragay, MKAK Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, BVAR Borovoye Array, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BELG Belogomoye, ARPR Arapgir-MALATY, ARPR Arapgir, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HFS Hagfors, NC303 NORSAR Array S, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPITS Spitsbergen Array, TORO Torodi Ar, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK031 S. Brethren Rd, OK031 Spitsbergen Array, OK052 Battle Ridge R, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WTSF Wichita Falls, MIAR Mount Ida, S39A Bolivar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T42A Van Buren, CCM Cathedral Cave, PBMO Poplar Bluff, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCYT Pengchayiu, TWB1 Santiao Chiao, SXII Grass Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNOU National Taiwa, TIPB Shuangxi, JYNG Yanagunijimaku, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOS2 EOS2, EOS2 EOS2, YMO1 YMO1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC Suao, TWC Suao, ANP Anpu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EWS3 EWS3, EWS3 EWS3, TWE Neicheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NDS Dongshan, NDS Dongshan, FUSB Fushanzhiwuyua, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUSB Fushanzhiwuyua, TWS1 Kuangyinshan, NWLT Wulai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EWUT Wuta, EWUT Wuta, ENT1 Nioudou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENT1 Nioudou, ENA Nanau, ENA Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA Nanau, EOA EOA, EOA EOA, etc.

Table with columns: TWT, Tachien, 1.79 232 P, Pn, 18 15 19.9 +0.3, LIMO3, Petroterminale, 1.35 354, eS, Sb, 18 34 13.5 -0.5, etc.

Table with columns: LIMO3, Petroterminale, 1.35 354, eS, Sb, 18 34 13.5 -0.5, AOPR, Arceibo Observ, 3.16 251, eS, Pn, 19 12 19.0, etc.

Table with columns: AOPR, Arceibo Observ, 3.16 251, eS, Pn, 19 12 19.0, UCR 22 19:12:42.8, 1.3, 6.95N, 82.69W, h18km, 10km, MW4.6, etc.

UPA 22 18:33:34.7 ± 1.8, 6.86N-82.73W, h14km ± 19km, MW4.0, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like A101B, A101S, DAVA, etc.

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

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

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

MOS 22 19:21:16.0 ± 0.8, 13°78'N-92°40'W, h18km, 79km, MD4.1
CGC 22 19:21:16.3 ± 1.3, 14°09'N-92°36'W, h74km, 38km, MD3.7
ISC 22 19:21:14.2 ± 3.4, 13°84'N-0°09'92°38'W, 0.04, h13km, 25km, n19, ±181/33, Off coast of Chiapas

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

22d 19h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like Kodiak Island, Big Mountain, and White Mountain.

2018 JUN

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like Farewell, Kunalak, and White Mountain.

1268

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like Redstone River, Chitina, Valde, and Yukon River.

E21K	Killik River	84.37	15	Iamb	Iamb	19 37 22.6
E21K	Killik River	84.37	15	P	P	19 36 57.7 +1.4
SIT	Sitka	84.38	29	P	P	19 36 57.8 +1.3
S31K	Pelican	84.39	28	P	P	19 36 57.4 +0.9
S31K	Pelican	84.39	28	P	P	19 37 14.2 -0.5
S31K	Pelican	84.39	28	P	P	19 37 17.3
S31K	Pelican	84.39	28	P	P	19 36 58.1 +1.6
TIXI	Tiksi	84.43	350	P	Iamb	19 36 56.1 -0.3
TIXI	Tiksi	84.43	350	P	Iamb	19 36 58.0
TIXI	Tiksi	84.43	350	LR	LR	20 16 43.5
TIXI	Tiksi	84.43	350	P	P	19 36 56.6 +0.2
TIXI	Tiksi	84.43	350	P	P	19 36 56.6 +0.2
HG4B	Hot Spring	84.43	35	P	P	19 36 58.4 +1.4
HG4B	Hot Spring	84.43	35	P	P	19 37 14.2 -0.8
SCRK	Sand Creek	84.46	21	P	Iamb	19 36 57.5 +0.5
SCRK	Sand Creek	84.46	21	P	Iamb	19 36 59.5
SCRK	Sand Creek	84.46	21	P	P	19 36 58.5 +1.5
O29M	Mount Kennedy	84.52	26	P	P	19 36 58.6 +1.3
O29M	Mount Kennedy	84.52	26	P	P	19 37 14.2 +0.8
O29M	Mount Kennedy	84.52	26	P	P	19 36 58.0 +1.6
YUK3	Moose Creek	84.53	24	P	P	19 36 59.2 +1.7
P29M	Windy Craggy	84.53	26	P	Iamb	19 37 14.7 +1.4
P29M	Windy Craggy	84.53	26	P	Iamb	19 37 21.9
P29M	Windy Craggy	84.53	26	P	P	19 36 58.8 +1.5
C9LD	Coldfoot	84.54	17	P	P	19 36 59.1 +2.0
YUK8	Steele Glacier	84.54	24	P	P	19 36 59.8 +2.2
C21K	Knifeflade Rid	84.69	14	P	P	19 36 59.9 +2.1
L27K	Beaver Creek	84.72	22	Iamb	Iamb	19 37 01.4
L27K	Beaver Creek	84.72	22	P	P	19 37 00.2 +2.0
BCAR	Beaver Creek A	84.73	22	P	P	19 36 59.7 +1.4
CRAJ	Craig	84.75	31	P	P	19 37 00.2 +1.7
B20K	Meade River	84.77	13	Iamb	Iamb	19 37 24.5
B20K	Meade River	84.77	13	P	P	19 36 59.7 +1.5
PRP	Porcupine Dome	84.87	19	P	P	19 36 60.0 +1.0
J26L	Joseph Creek	84.92	21	P	P	19 37 00.9 +1.7
S32K	Killisnoo	84.94	29	P	P	19 37 01.0 +1.7
YUK6	Outpost Mounta	84.94	25	P	P	19 37 01.4 +1.8
G24K	Hadweencriv Riv	85.01	18	P	P	19 37 01.1 +1.6
D22K	Aiyikyak River	85.01	15	Iamb	Iamb	19 37 26.4
D22K	Aiyikyak River	85.01	15	P	P	19 37 01.6 +2.1
YUK4	Talbot Arm	85.03	25	P	P	19 37 02.5 +2.5
PLBC	Pleasant Camp	85.06	27	P	P	19 37 01.3 +1.4
B21K	Ikpkpuk River	85.07	14	Iamb	Iamb	19 37 26.2
B21K	Ikpkpuk River	85.07	14	P	P	19 37 01.4 +1.7
P30M	Million Dollar	85.12	26	P	P	19 37 02.3 +2.0
K27K	Chicken	85.17	22	Iamb	Iamb	19 37 02.0 +2.2
K27K	Chicken	85.17	22	P	P	19 37 02.6 +2.2
KHMM	Horse Mountain	85.18	47	P	Iamb	19 37 03.4 +2.2
KHMM	Horse Mountain	85.18	47	P	Iamb	19 37 04.7
KBO	Bosley Butte	85.23	46	P	P	19 37 02.1 +0.8
H25L	Birch Creek	85.24	19	P	P	19 37 02.4 +1.7
H25L	Birch Creek	85.24	19	P	P	19 37 02.7 +1.8
H25L	Birch Creek	85.24	19	P	P	19 37 02.7 +1.8
KRMB	Red Mountain	85.25	47	P	Iamb	19 37 00.5 -0.9
KRMB	Red Mountain	85.25	47	P	Iamb	19 39 43.7
E23K	Chandler	85.27	16	P	P	19 37 02.6 +1.8
JIS	Juneau Island	85.40	28	P	P	19 37 03.4 +1.8
F24K	Squaw Lake	85.41	17	Iamb	Iamb	19 37 28.6
F24K	Squaw Lake	85.41	17	P	P	19 37 03.6 +2.1
G25K	Bearman Lake	85.46	18	P	P	19 37 03.5 +1.8
V35K	Ketchikan	85.47	32	P	P	19 37 03.1 +1.1
V35K	Ketchikan	85.47	32	P	P	19 37 04.6 +2.7
SKAG	Skagway	85.52	27	P	Iamb	19 37 03.1 +0.9
SKAG	Skagway	85.52	27	P	Iamb	19 37 05.3
SKAG	Skagway	85.52	27	P	P	19 37 03.9 +1.7
I26K	Coal Creek Min	85.54	20	Iamb	Iamb	19 37 22.1
I26K	Coal Creek Min	85.54	20	P	P	19 37 03.8 +1.6
HOLB	Holberg	85.55	37	P	Iamb	19 37 03.4 +0.8
HOLB	Holberg	85.55	37	P	Iamb	19 37 22.5
WRAK	Wrangeli Island	85.56	31	P	P	19 37 02.9 +0.4
WRAK	Wrangeli Island	85.56	31	P	P	19 37 04.0 +1.6
WMQ	Urumqi	85.57	316	P	P	19 37 02.8 -0.1
WMQ	Urumqi	85.57	316	P	P	19 37 20.3 -1.1
WMQ	Urumqi	85.57	316	P	P	19 37 02.8 -0.1
WMQ	Urumqi	85.57	316	P	P	19 37 20.3 -1.1
D23K	Nanushuk River	85.59	16	P	P	19 37 04.7 +2.3
E24K	Your Creek	85.60	17	P	P	19 37 04.1 +1.6
MINR	Mina	85.63	328	P	P	19 37 10.4 +7.5
O02D	Mt. Diablo Mer	85.66	48	P	Iamb	19 37 04.1 +0.6
O02D	Mt. Diablo Mer	85.66	48	P	Iamb	19 37 07.0
L02F	Cave Junction	85.67	46	P	Iamb	19 37 03.1 -0.3
L02F	Cave Junction	85.67	46	P	Iamb	19 39 23.3
TOLK	Toolik Lake Re	85.67	16	P	P	19 37 04.3 +1.5
M29M	Somme Creek	85.68	24	Iamb	Iamb	19 37 30.6
M29M	Somme Creek	85.68	24	P	P	19 37 04.8 +1.7
J01E	Myrtle Point	85.73	45	Iamb	Iamb	19 37 04.9 +1.3
J01E	Myrtle Point	85.73	45	Iamb	Iamb	19 37 06.8
N30M	Aishikik Lake	85.74	25	P	Iamb	19 37 03.7 +0.3
N30M	Aishikik Lake	85.74	25	P	Iamb	19 37 23.5
N30M	Aishikik Lake	85.74	25	P	P	19 37 04.9 +1.6
O30N	Mendenhall	85.82	26	P	P	19 37 05.3 +1.6
B22K	Teshekpuk Lake	85.88	14	Iamb	Iamb	19 37 22.2 -3.8
B22K	Teshekpuk Lake	85.88	14	Iamb	Iamb	19 37 30.0
B22K	Teshekpuk Lake	85.88	14	P	P	19 37 05.0 +1.3
A21K	Tarrow	85.89	12	P	P	19 37 04.8 +1.8
EGAK	Eagle	85.93	21	P	P	19 37 22.8 -3.5
EGAK	Eagle	85.93	21	P	P	19 37 06.0 +1.9

BBB8	Big Mountain B	85.97	52	P	P	19 37 05.3 +0.2
A22K	Sinclair Lake	86.00	13	P	P	19 37 05.7 +1.4
F25K	Christian River	86.12	18	P	P	19 37 07.2 +2.1
B9B	Bella Bella	86.14	36	LR	LR	20 07 15.1
Y29M	L29M	86.16	23	P	P	19 37 07.4 +2.0
LBHM	Yreka Blue Hor	86.17	47	P	Iamb	19 37 06.7 +0.7
YBH	Yreka Blue Hor	86.17	47	P	Iamb	19 37 09.2
YBH	Yreka Blue Hor	86.17	47	LR	LR	20 07 40.6
YBH	Yreka Blue Hor	86.17	47	P	P	19 37 06.7 +0.7
DAWY	Dawson	86.18	22	P	P	19 37 07.6 +2.1
C23K	Itkillik River	86.21	15	Iamb	Iamb	19 37 32.4
C23K	Itkillik River	86.21	15	P	P	19 37 07.4 +2.0
D24K	Happy Valley	86.22	16	Iamb	Iamb	19 37 32.4
D24K	Happy Valley	86.22	16	P	P	19 37 07.5 +2.1
I27K	Kandik River	86.23	20	P	P	19 37 07.6 +1.9
HUMO	Hull Mountain	86.25	46	P	Iamb	19 37 07.7 +1.4
HUMO	Hull Mountain	86.25	46	P	Iamb	19 37 09.6
WHY	Whitehorse	86.29	26	P	P	19 37 06.8 +0.7
WHY	Whitehorse	86.29	26	P	P	19 37 07.6 +1.5
N31M	Braeburn, Yuko	86.30	25	P	Iamb	19 37 07.6 +1.5
N31M	Braeburn, Yuko	86.30	25	P	Iamb	19 37 40.4
N31M	Braeburn, Yuko	86.30	25	P	P	19 37 07.9 +1.9
G26K	Porcupine River	86.30	19	P	P	19 37 08.1 +2.2
I03D	Drain, OR	86.30	45	P	Iamb	19 37 06.9 +0.4
I03D	Drain, OR	86.30	45	P	Iamb	19 37 35.2
P32M	Atlin	86.31	27	P	P	19 37 07.8 +1.6
SNCC	San Nicolas Is	86.31	55	P	P	19 37 08.5 +1.8
BMAR	Mount Mountain	86.34	18	P	P	19 37 07.0 +0.8
SC2Z	Santa Cruz Isl	86.41	55	P	P	19 37 08.6 +1.4
M30M	Minto, Yukon	86.42	24	Iamb	Iamb	19 37 33.5
M30M	Minto, Yukon	86.42	24	P	P	19 37 08.3 +1.7
SMCC	Simmler	86.45	53	P	P	19 37 09.6 +2.2
HYB	Hyderabad	86.46	288	eP	P	19 37 08.5 +0.7
HYB	Hyderabad	86.46	288	eP	P	19 37 10.5 +0.3
HYB	Hyderabad	86.46	288	eP	P	19 37 26.8 +0.6
HYB	Hyderabad	86.46	288	eP	P	19 47 30.2 +0.3
E25K	Arctic Village	86.47	17	P	Iamb	19 37 33.9
E25K	Arctic Village	86.47	17	P	P	19 37 08.8 +2.0
PKM	Mpherson Peak	86.49	54	P	P	19 37 09.8 +2.0
L04D	Klondike Falls	86.60	46	P	P	19 37 09.0 +0.9
H27K	Steamboat Moun	86.62	20	P	P	19 37 09.7 +2.1
C24K	Franklin Bluff	86.62	15	P	P	19 37 09.3 +1.9
F26K	Sheep River	86.64	18	P	P	19 37 09.8 +2.1
AFDM	Forest Hills D	86.66	50	P	Iamb	19 37 09.6 +1.2
AFDM	Forest Hills D	86.66	50	P	Iamb	19 37 11.1
I28M	Miner Creek	86.73	21	P	Iamb	19 37 09.4 +1.2
I28M	Miner Creek	86.73	21	P	Iamb	19 37 28.2
I28M	Miner Creek	86.73	21	P	P	19 37 09.8 +1.6
K29M	Barlow Dome	86.77	23	P	P	19 37 09.9 +1.3
K29M	Barlow Dome	86.77	23	P	P	19 37 10.4 +2.0
S34M	Telegraph Cree	86.79	30	P	P	19 37 09.6 +1.1
S34M	Telegraph Cree	86.79	30	P	P	19 37 10.5 +2.0
G03D	McMinnville, O	86.82	43	P	Iamb	19 37 10.1 +1.4
G03D	McMinnville, O	86.82	43	P	Iamb	19 37 12.1
J29N	Klondike Camp	86.82	22	P	P	19 37 10.7 +2.1
J29N	Klondike Camp	86.82	22	P	P	19 37 11.0 +2.4
BCW	Bitter Crk WRG	86.82	54	P	P	19 37 10.4 +1.1
RADR	Rader Ridge	86.83	42	P	P	19 37 10.5 +1.5
F03A	Seaside	86.83	42	Iamb	Iamb	19 37 09.9 +0.9
F03A	Seaside	86.83	42	Iamb	Iamb	19 37 12.1
T35M	Bob Quinn	86.85	31	P	P	19 37 10.7 +1.8
CMB	Columbia Colle	86.86	51	P	P	19 37 09.5 +1.0
CMB	Columbia Colle	86.86	51	P	P	19 37 09.5 +1.0
G27K	Doyon Strip	86.90	19	P	Iamb	19 37 10.1 +1.2
G27K	Doyon Strip	86.90	19	P	Iamb	19 37 36.1
G27K	Doyon Strip	86.90	19	P	P	19 37 10.9 +2.0
H04D	Lebanon	86.97	44	P	Iamb	19 37 11.3 +1.7
H04D	Lebanon	86.97	44	P	Iamb	19 37 36.9
I04A	Tendick Farm,	86.98	45	P	Iamb	19 37 10.7 +0.9
I04A	Tendick Farm,	86.98	45	P	Iamb	19 37 38.2
D25K	Kavik River	86.99	16	Iamb	Iamb	19 37 35.7
D25K	Kavik River	86.99	16	P	P	19 37 10.8 +1.5
P33M	Tesla, Yukon	86.99	27	P	P	19 37 10.9 +1.3
E03A	Lebam	87.03	42	P	P	19 37 11.6 +1.7
SC12	San Clemente I	87.04	56	P	P	19 37 11.4 +1.1
NLWA	Neilton Lookou	87.09	41	P	P	19 37 11.1 +0.8
K04D	Chiloquin, OR	87.11	46	P	P	19 37 11.5 +0.9
VOG	Valley Oaks Go	87.19	53	P	P	19 37 12.2 +1.3
M31M	Drury Creek, Y	87.22	25	P	P	19 37 12.1 +1.6
CIS	Catalina Islan	87.25	56	P	P	19 37 12.6 +1.2
I29M	Ogilvie Camp,	87.26	21	P	P	19 37 12.3 +1.7
OSI	Osito Audit: C	87.29	54	P	P	19 37 13.2 +1.7
VES	Vestal, Richgr	87.31	53	P	P	19 37 12.7 +1.2
ARVC	Arvin	87.33	54	P	P	19 37 13.1 +1.4
H04A	Detroit Lake	87.39	44	P	Iamb	19 37 12.2 +0.4
H04A	Detroit Lake	87.39	44	P	Iamb	19 37 14.3
FMP	Fort Macarthur	87.42	55	P	P	19 37 13.6

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like J08A, BC3, TUQ, G08A, GMRC, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BGU, CHKK, CHKK, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRVK, VNA2, TXAR, etc.

BBJI	Bungbulang	2.51 196	P	P	20 59 03.6 -1.7	UBPT	Khong Chiam	20.38 352	P	P	21 01 38.6 +0.1	FORT	Ninganchiao	31.78 23	ScP	ScP	21 03 30.6 +0.7
CNJI	Cibinong	2.56 208	P	S	20 59 04.2 -1.2	DAV	Davao City (W)	21.00 55	P	P	21 01 43.3 -0.8	NACB	Ninganchiao	31.78 23	P	P	21 03 17.4 -0.3
CNJI		2.56 208	P	S	20 59 06.2 -5.7	DAV	Davao City (W)	21.00 55	P	P	21 01 45.1 +1.0	NACB	Ninganchiao	31.78 23	P	P	21 03 17.2 -0.5
SKJI	Sukabumi	2.64 222	P	S	20 59 06.4 -1.2	SRDT	SRDT	21.31 335	P	P	21 01 48.5 +1.6	GENI	Genyem	31.86 87	P	P	21 03 18.4 -0.1
SKJI		2.64 222	P	S	20 59 07.2 -5.4	SRDT	SRDT	21.31 335	P	P	21 01 48.5 +1.6	GENI	Genyem	31.86 87	P	P	21 03 17.7 -1.4
CMJI	Cimerak	2.74 178	S	S	20 59 04.4 -1.5	FITZ	Fitzroy Crossi	21.33 129	P	P	21 01 47.3 +0.3	PZH	PanZhiHua	31.99 349	P	P	21 03 21.3 +1.7
SMRI	Semarang	2.90 134	P	S	20 59 06.9 -0.1	FITZ	Fitzroy Crossi	21.33 129	P	P	21 01 47.5 +0.5	PZH			P	P	21 05 48.8 +0.4
SMRI	Semarang	2.90 134	P	S	20 59 07.9 -5.5	PBA	Port Blair	22.70 317	P	P	21 01 58.7 -0.5	PZH			S	S	21 07 48.8 +1.0
SMRI	Semarang	2.90 134	P	S	20 59 06.5 -0.5	PBA	Port Blair	22.70 317	P	P	21 01 59.4 +0.2	PZH			ScP	ScP	21 08 31.4 +0.1
SMRI	Semarang	2.90 134	P	S	21 00 14.8 -0.1	FGY	Tagaytay City	22.76 33	P	P	21 02 00.8 +1.0	PZH			SS	SS	21 11 03.0 +2.4
SMRI	Semarang	2.90 134	P	S	20 59 18.1 -3.3	FGY	Tagaytay City	22.76 33	P	P	21 02 00.8 +1.0	PZH			ScS	ScS	21 12 28.3 -3.8
YOGI	Yogyakarta	3.39 145	S	S	21 00 16.0 -3.6	SWI	Sorong	23.27 80	P	P	21 02 04.2 0.0	comp=Z,80nm,0.6s			P	P	
YOGI		3.39 145	S	S	20 59 12.0 +1.1	DRS	Darwin Rook St	23.47 110	P	P	21 02 06.3 +0.3	MMPI	Merauke	32.01 98	P	P	21 03 18.6 -1.2
PPBI	Pangkal Pinang	3.59 322	P	S	20 59 22.3 +0.5	MEEK	Meekatharra	23.62 157	P	P	21 02 08.3 +1.0	comp=Z,488nm,0.6s,comp=Z,17um					
UGM	Wanagama	3.60 143	P	P	20 59 09.6 -1.3	MTN	Manton Dam	23.81 111	P	P	21 02 08.9 -0.1	YHNB	Yeheng	32.14 23	P	P	21 03 21.1 +0.3
UGM	Wanagama	3.60 143	P	P	20 59 09.5 -1.3	MTN	Manton Dam	23.81 111	P	P	21 02 08.6 -0.4	JAY	Jayapura	32.40 87	P	P	21 03 21.9 -1.3
UGM	Wanagama	3.60 143	P	P	20 59 18.7 -3.2	MTN	Manton Dam	23.81 111	P	P	21 02 08.6 -0.4	comp=Z,212nm,0.8s,comp=Z,1um					
KASI	Kota Agung	3.85 263	P	P	20 59 11.6 -0.7	FAKI	Fak Fak	23.95 86	P	P	21 02 10.8 +0.5	TATO	Taipei	32.46 23	P	P	21 03 23.8 +0.4
PMBI	Palembang	4.12 300	P	P	20 59 15.4 +1.3	FAKI	Fak Fak	23.95 86	P	P	21 02 10.4 +0.1	TATO	Taipei	32.46 23	P	P	21 03 22.9 -0.4
PMBI	Palembang	4.12 300	P	P	20 59 14.9 +0.7	FAKI	Fak Fak	23.95 86	P	P	21 02 11.8 +1.6	TATO	Taipei	32.46 23	P	P	21 03 23.7 +0.4
PMBI	Palembang	4.12 300	P	P	20 59 15.3 +1.2	QIZ	Qiongzong	23.96 4	P	P	21 02 11.8 +1.6	YOJ	Yonaguni jima	32.62 25	P	P	21 03 25.3 +0.6
PMBI	Palembang	4.12 300	P	P	20 59 28.6 +0.9	QIZ	Qiongzong	23.96 4	P	P	21 02 11.8 +1.6	YOJ	Yonaguni jima	32.62 25	P	P	21 05 49.8 -0.2
LWLI	Liwa	4.25 270	P	P	20 59 14.4 -0.7	QIZ	Qiongzong	23.96 4	P	P	21 02 10.5 +0.1	TABU	Tabubil	32.76 92	P	P	21 03 26.0 -0.2
BWJI	Bawean	4.38 101	P	P	20 59 14.1 -1.7	QIZ	Qiongzong	23.96 4	P	P	21 02 10.5 +0.1	MIRS	Chennai	33.19 303	/P	P	21 03 43.6 +0.6
GRJI	Gresik	4.53 115	P	P	20 59 16.9 +0.1	QIZ	Qiongzong	23.96 4	P	P	21 02 11.5 +1.2	CNSH	ChangSha	33.32 7	S	S	21 03 31.8 +1.3
PWJI	Pagerwojo	4.55 131	P	P	20 59 15.7 -1.2	comp=Z,37nm,1.0s						CNSH	ChangSha	33.32 7	S	S	21 08 08.5 +1.1
BLJI	Banyuwangi	4.88 116	P	P	20 59 26.8 -0.1	PHRA	Morwa	24.97 341	P	P	21 02 11.0 +0.8	CNSH	ChangSha	33.32 7	S	S	
STKI	Sintang	5.96 32	P	P	20 59 29.5 +1.9	MORW	Morwa	25.00 164	P	P	21 02 18.3 +1.5	CNSH	ChangSha	33.32 7	S	S	
XMIS	Christimas Isla	6.03 206	P	P	20 59 28.4 +0.3	MORW	Morwa	25.00 164	P	P	21 02 20.6 +1.3	VIS	Vishakhapatnam	34.47 313	/P	P	21 03 33.2 +1.2
XMIS	Christimas Isla	6.03 206	P	P	20 59 28.0 -0.1	KDU	Kakadu	25.02 109	P	P	21 02 20.3 +1.1	QIS	Mout Isa	34.08 120	P	P	21 03 37.5 +0.5
ABJI	Asem Bagus	6.48 115	P	P	20 59 32.0 +0.2	CM31	Chiang Mai Arr	25.11 339	P	P	21 02 19.0 -0.6	SHL	Shillong	34.35 333	Iamb	Iamb	21 03 41.0
JAGI	Jajag, Banyuwangi	6.71 121	P	P	20 59 32.7 -1.1	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 22.0 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.3 +0.9
JAGI	Jajag, Banyuwangi	6.71 121	P	P	20 59 32.3 -1.5	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 41.0
JAGI	Jajag, Banyuwangi	6.71 121	P	P	20 59 32.3 -1.5	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KSM	Kuching	6.76 17	P	P	20 59 35.1 +0.9	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KSM	Kuching	6.76 17	P	P	20 59 34.8 +0.6	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
TPRI	Tanjung Pinang	7.03 327	P	P	20 59 37.5 +1.0	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
SRBI	Singaraja	7.48 114	P	P	20 59 40.0 +0.1	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
MTKI	Muara Teweih, K	7.71 58	P	P	20 59 43.9 +1.4	CMAR	Chiang Mai Arr	25.11 339	P	P	21 02 21.9 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
DNP	Denpasar	7.73 118	P	P	20 59 41.8 -0.8	KMPI	Kaimana, Papua	25.34 38	P	P	21 02 22.8 +0.3	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BTDF	Bukit Timah Da	7.81 324	P	P	20 59 44.7 +1.3	SZP	Santa	25.43 28	P	P	21 02 23.3 +0.1	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
wykom	Kota Tinggi	8.12 326	P	P	20 59 46.9 +0.8	CHTO	Chiang Mai	25.44 339	P	P	21 02 23.3 +0.1	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
SBUM	Sibu	8.39 28	P	P	20 59 49.5 +1.0	CHTO	Chiang Mai	25.44 339	P	P	21 02 24.8 +1.5	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
PPSI	Pulau Pagai	8.60 285	P	P	20 59 49.1 -1.4	CRAI	Chiangrai	26.29 343	P	P	21 02 24.8 +1.5	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
PDSI	Padang	8.86 297	P	P	20 59 50.1 -2.8	WRKA	Warakurna	27.62 138	P	P	21 02 32.3 +1.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKNI	Bangkalinang	9.02 306	P	P	20 59 55.0 +0.6	HKPS	Hong Kong Po S	27.73 12	P	P	21 02 42.7 +1.5	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKNI	Bangkalinang	9.02 306	P	P	20 59 53.3 -1.1	HKPS	Hong Kong Po S	27.73 12	P	P	21 02 44.7 +1.5	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKNI	Bangkalinang	9.02 306	P	P	20 59 53.9 -0.5	HKPS	Hong Kong Po S	27.73 12	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
TWSI	Taliwang, Sumb	9.25 114	P	P	20 59 54.7 -1.8	KLBR	Kellerberrin	27.86 163	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKB	Balikpapan	9.34 67	P	P	21 00 00.3 +3.0	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKB	Balikpapan	9.34 67	P	P	21 00 00.1 +2.7	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
BKB	Balikpapan	9.34 67	P	P	21 00 00.0 +2.7	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
SISI	Saibi	9.93 291	P	P	21 00 01.2 -1.8	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
PLAI	Plampang	10.11 112	P	P	21 00 02.1 -2.6	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
PLAI	Plampang	10.11 112	P	P	21 00 02.1 -2.6	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
PBSI	Pulau Batu	11.19 296	P	P	21 00 13.1 -1.8	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 16.8 +0.1	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 16.8 +0.1	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 16.0 -0.7	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 02 21.7 0.0	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 02 21.7 0.0	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 17.0 +0.3	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 02 25.3 +3.6	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 16.0 -0.7	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 23.3 +1.5	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 23.3 +1.5	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 23.0 -0.6	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 23.8 -0.5	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 23.0 -1.3	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03 40.4 +1.0
KAPI	Kappang	11.38 90	P	P	21 00 22.8 -0.7	NWAO	Narogin (SRO)	28.97 164	P	P	21 02 45.6	SHL	Shillong	34.35 333	eP	Iamb	21 03

22d 20h

2018 JUN

Table with columns for station name, frequency, mode, and time. Includes stations like HNS HongShan, TIY Taiyuan, GOMU GeErMu, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like TAU Tasmania Unive, HNR Honiara, PSTR Posyet, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like MDOK Medeo, DQM DQM, MHTO MHTO, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and other parameters. Includes stations like VYHS Vyhne, VNA2 Neumayer-Watz, M13K Dal Lake, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and other parameters. Includes stations like L16K Owhat River, ARSA Arzberg, CRES Cresnev, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and other parameters. Includes stations like CLL CLL, NSS Namsos, Q17K Contact Creek, etc.

22d 21h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like CHTNA Glacier, PENINSULA, WATANA, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like BLOW RIVER, HILLIK RIVER, THEIN DAM, etc.

1280

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like BATALYA, ENEZ, URLA, etc.

2018 JUN

1281				2018 JUN				22d 21h									
CNPM	comp=E,648nm,0.5s	IAML	21 26 14.6	O17K	Koliganek Bris baz=56	3.44 244	P	Pn	21 26 06.5 +0.5	YAH	Yahtse	4.62 99	IAML	Pn	21 26 22.5 +0.1		
WAT6	Susitna Watana baz=234	1.93 51	P	Pn	21 25 45.9 +0.2	P17K	Kvichak River	3.51 233	Pn	21 26 07.8 +0.8	YAH	comp=E,39nm,0.5s	IAML		21 27 20.3		
GLI	Glacier Island	1.95 104		Pn	21 25 45.0 -0.9	P17K	Kvichak River	3.51 233	P	21 26 07.8 +0.8	N15K	comp=N,50nm,0.9s	IAML		21 27 46.3		
GLI	comp=E,626nm,0.4s	IAML	21 26 17.4	HDA	Harding Lake	3.53 30	Pn	Pn	21 26 07.9 +0.6	HDA	Harding Lake	3.53 30	IAML		21 27 48.4		
GLI	comp=N,611nm,0.6s	IAML	21 25 44.9 -0.9	HDA	Harding Lake	3.53 30	P	Pn	21 26 07.9 +0.6	HDA	Harding Lake	3.53 30	P	Pn	21 26 23.2 +0.7		
L19K	White Mountain	2.01 295	P	Pn	21 25 47.0 +0.3	KAIM	Kayak Island	3.54 112	Pn	21 26 06.2 -1.3	N15K	comp=E,47nm,0.6s	IAML		21 27 17.1		
L19K	comp=N,231nm,0.6s	IAML	21 26 12.4	KAIM	comp=E,68nm,0.6s	KAIM			21 26 52.3	H24K	Noodor Dome	4.66 16	IAML	Pn	21 26 23.0 +0.2		
L19K	White Mountain	2.01 295	P	Pn	21 25 47.0 +0.3	CCB	Clear Creek Bu	3.56 22	IAML	21 27 10.4	H24K	Noodor Dome	4.66 16	P	Pn	21 26 23.0 +0.2	
OPT	Oil Point	2.08 214	P	Pn	21 25 49.1 +1.3	L17K	Donlin	3.56 285	P	Pn	21 26 07.9 +0.2	CTG	Chitna Glacier	4.68 91	P	Pn	21 26 22.9 -0.2
OPT	Oil Point	2.08 214	P	Pn	21 25 49.1 +1.2	NICHA	Nichawak Mount	3.62 106	Pn	21 26 06.9 -1.7	CTGM	Chitna Glacier	4.68 91	Pn	Pn	21 26 23.4 +0.3	
CAST	Castle Rocks	2.09 346		Pn	21 25 48.0 +0.2	MLY	Manley	3.64 1	Pn	21 26 51.5	CTGM	comp=E,23nm,0.5s	IAML		21 27 19.7		
CAST	comp=E,295nm,0.4s	IAML	21 26 18.5	MLY	comp=N,56nm,0.5s	MLY			21 26 09.3 +0.4	IMAR	Indian Mountain	4.76 346	Pn	Pn	21 26 24.7 +0.5		
CAST	Castle Rocks	2.09 346	P	Pn	21 25 48.0 +0.2	K17K	Iditarod	3.70 294	P	Pn	21 26 09.8 +0.3	M15K	Kasiguk River	4.78 266	P	Pn	21 26 24.4 +0.1
KTH	Kantishna Hill	2.16 0		Pn	21 25 49.5 +0.8	KD4K	Kodiak Island	3.72 193		21 27 06.4	PRP	Porcupine Dome	4.80 28	IAML		21 27 29.9	
KTH	Kantishna Hill	2.16 0	IAML		21 26 16.7	KD4K	comp=N,78nm,0.6s		21 27 07.9	PRP	comp=N,53nm,0.8s		IAML		21 27 49.1		
KTH	comp=N,510nm,0.7s	IAML	21 26 17.9	KD4K	comp=N,90nm,0.8s	KD4K			21 26 10.2 -0.2	H19K	Roundabout Mou	4.82 332		Pn	21 26 25.1 +0.3		
RND	Reindeer	2.24 25		Pn	21 25 50.0 +0.2	MENT	Mentasta	3.73 62	Pn	21 26 10.9 +0.8	H19K	Roundabout Mou	4.82 332	IAML		21 26 25.1 +0.3	
RND	comp=E,182nm,0.7s	IAML	21 26 26.6	COLA	College	3.76 21	Pn	Pn	21 26 10.2 -0.2	YUK2	White River	4.85 81		Pn	21 26 25.4 0.0		
RND	comp=N,240nm,1.0s	IAML	21 26 33.2	I20K	Naaghdeneel	3.76 336	Pn	Pn	21 26 10.6 +0.2	K27K	Chicken	4.87 53	IAML		21 27 33.7		
P23K	Montague Istan	2.25 127	P	Pn	21 25 48.9 -1.0	I20K	Naaghdeneel	3.76 336	Pn	21 26 10.6 +0.2	K27K	comp=N,26nm,0.6s	IAML		21 27 33.8		
SVW2	Sparvevohn	2.25 264	Pn	Pn	21 25 50.0 0.0	SUCK	Suckling Hills	3.77 108	Pn	21 26 11.2 +0.6	LOGN	Logan Glacier	4.87 92	Pn	Pn	21 26 25.3 -0.4	
FID	Port Fidalgo	2.27 105	Pn	Pn	21 25 48.9 -1.4	SUCK	comp=N,80nm,0.8s		21 27 21.1	LOGN	comp=N,46nm,0.5s	IAML		21 27 22.3			
M18K	Stony River	2.34 274	P	Pn	21 25 51.2 +0.2	MDM	Murphy Dome	3.78 18	IAML	21 27 14.3	J16K	Anvik River	4.87 297	P	Pn	21 26 25.7 +0.1	
DHY	Denali Highway	2.37 43		Pn	21 25 51.9 +0.2	KCE	Katmai Mt Cerb	3.82 216	Pn	21 26 12.4 +1.1	O15K	Ungalikthiuk R	4.94 247	Pn	Pn	21 26 27.3 +0.7	
DHY	Denali Highway	2.37 43	IAML		21 26 22.0	MCARA	McCarthy VSAT	3.82 87		21 27 19.7	O15K	Ungalikthiuk R	4.94 247	Pn	Pn	21 26 27.3 +0.7	
DHY	comp=N,340nm,0.5s	IAML	21 26 22.6	MCARA	McCarthy VSAT	3.82 87	P	Pn	21 26 12.0 +0.8	H18K	Honhosa River	5.03 322		Pn	21 26 28.2 +0.4		
DHY	Denali Highway	2.37 43	P	Pn	21 25 51.9 +0.2	I23K	Minto, Yukon-K	3.83 10	IAML	21 26 12.0 +0.6	H18K	Honhosa River	5.03 322	P	Pn	21 26 28.2 +0.4	
M24K	Tolsona, Glenn	2.38 71	IAML		21 26 30.1	I23K	Minto, Yukon-K	3.83 10	IAML	21 27 25.9	YUK3	Moose Creek	5.03 81	Pn	Pn	21 26 27.8 -0.2	
M24K	Tolsona, Glenn	2.38 71	Pn	Pn	21 25 52.5 +0.7	I23K	Minto, Yukon-K	3.83 10	Pn	21 26 12.0 +0.6	YUK3	Moose Creek	5.03 81	Pn	Pn	21 26 28.2 +0.2	
HIN	Hinchinbrook I	2.40 113		Pn	21 25 51.1 -0.9	CRQM	Cr Cirque	3.85 96	Pn	21 26 12.2 +0.2	L15K	Ungalak Mounta	5.04 278		Pn	21 26 28.0 +0.1	
HIN	comp=N,331nm,0.7s	IAML	21 26 24.1	ILAR	Eielson Array	3.86 27	Pn	Pn	21 26 12.0 +0.3	L15K	Ungalak Mounta	5.04 278	P	Pn	21 26 28.4 +0.5		
HIN	comp=N,331nm,0.7s	IAML	21 26 35.4	CRQE	Cr Cirque	3.88 96	P	Pn	21 26 11.3 -0.9	K15K	Wolf Creek Mou	5.08 285	IAML		21 27 27.4		
KLU	Klutina	2.42 86	Pn	Pn	21 25 51.7 -0.6	KHIT	Khitrov Hills	3.89 101	Pn	21 26 11.0 -1.3	K15K	Wolf Creek Mou	5.08 285	Pn	Pn	21 26 28.9 +0.4	
KLU	comp=E,290nm,0.3s	IAML	21 26 21.5	M16K	Timber Creek	3.89 268		Pn	21 26 12.3 +0.2	I17K	Unalakleet	5.13 303	P	Pn	21 26 29.6 +0.4		
K20K	Telida	2.44 325	Pn	Pn	21 25 52.6 +0.2	M16K	Timber Creek	3.89 268	P	21 26 12.4 +0.2	SII	Sikinak Istan	5.13 200	Pn	Pn	21 26 28.7 -0.6	
K20K	Telida	2.44 325	P	Pn	21 25 52.7 +0.2	M26K	Nabesna, AK	3.90 72	Pn	21 27 21.3	G21K	Allakaket	5.25 349	IAML		21 27 30.6	
N18K	Kilae Creek	2.50 255	Pn	Pn	21 25 53.5 +0.1	M26K	comp=N,76nm,0.5s		21 27 26.3	G21K	comp=E,35nm,0.7s		IAML		21 27 32.5		
N18K	Kilae Creek	2.50 255	Pn	Pn	21 25 53.4 0.0	N16K	Nishlik Lake	3.92 260	Pn	21 26 12.9 +0.2	G21K	Allakaket	5.25 349	P	Pn	21 26 31.6 +0.8	
N18K	comp=N,139nm,0.7s	IAML	21 25 53.8 +0.2	ANCK	Ankle Creek	3.94 217	Pn	Pn	21 26 13.8 +0.8	I26K	Coal Creek Min	5.26 38	IAML		21 27 55.5		
MCK	McKinley	2.52 21	Pn	Pn	21 25 53.8 +0.2	O16K	Kokwok River B	3.97 246	IAML	21 27 28.0	O28M	Mount Upton	5.27 92	Pn	Pn	21 26 31.2 -0.1	
MCK	McKinley	2.52 21	P	Pn	21 25 53.8 +0.2	O16K	Kokwok River B	3.97 246	P	21 26 13.6 +0.3	O28M	Mount Upton	5.27 92	P	Pn	21 26 31.5 +0.2	
CHUM	Lake Minchumin	2.57 347	Pn	Pn	21 25 54.7 +0.6	TGL	Tana Glacier	4.00 96	Pn	21 26 13.7 -0.2	G23K	Bananza Creek	5.35 4	IAML	Pn	21 26 32.7 +0.6	
CHUM	Lake Minchumin	2.57 347	P	Pn	21 25 54.8 +0.6	TGL	comp=N,22nm,0.7s		21 27 19.9	G23K	Bananza Creek	5.35 4	IAML		21 27 33.6		
O18K	Koktuh Hills	2.61 235	Pn	Pn	21 25 54.6 -0.2	G17K	Contact Creek	4.01 220	P	21 26 14.8 +0.8	G23K	Bananza Creek	5.35 4	P	Pn	21 26 32.7 +0.6	
O18K	comp=N,117nm,0.4s	IAML	21 26 25.5	POKR	Poker Plat Res	4.05 22	Pn	Pn	21 26 15.5 +1.1	M14K	Bethel	5.38 268	IAML		21 28 12.9		
O18K	Koktuh Hills	2.61 235	P	Pn	21 25 54.7 0.0	POKR	comp=E,42nm,1.1s		21 27 19.6	M14K	comp=N,23nm,1.5s		IAML		21 28 30.0		
EYAK	Cordova Ski Ar	2.68 106	P	Pn	21 25 54.6 -1.1	POKR	comp=N,41nm,0.7s		21 27 23.3	M14K	comp=E,20nm,1.3s		IAML		21 26 32.9 +0.4		
EYAK	Cordova Ski Ar	2.68 106	P	Pn	21 25 54.7 -1.1	POKR	Poker Plat Res	4.05 22	P	21 26 15.1 +0.6	H17K	Granite Mounta	5.38 315	Pn	Pn	21 26 33.3 +0.7	
BP4W	Bear Paw Mtn.	2.71 360		Pn	21 25 56.0 -0.1	WAX	Waxell Ridge	4.07 100	Pn	21 26 13.8 -1.0	H17K	Granite Mounta	5.38 315	IAML		21 27 34.3	
BP4W	comp=E,158nm,0.4s	IAML	21 26 32.0	L16K	Owhat River	4.08 278		Pn	21 27 01.6	H17K	Granite Mounta	5.38 315	P	Pn	21 26 33.3 +0.7		
BP4W	comp=N,135nm,0.6s	IAML	21 26 32.0	L16K	comp=E,49nm,0.5s	4.08 278	IAML		21 27 01.7	G19K	Purcell Mounta	5.48 333	Pn	Pn	21 26 34.5 +0.7		
BP4W	Bear Paw Mtn.	2.71 360	P	Pn	21 25 55.8 -0.3	L16K	Owhat River	4.08 278	P	21 26 14.7 -0.1	O14K	Tiguykaiuvet M	5.55 252	Pn	Pn	21 26 35.0 +0.1	
L18K	Granite Mounta	2.84 289	Pn	Pn	21 25 57.9 0.0	J25K	Salcha River,	4.11 36	Pn	21 26 16.2 +0.9	EGAK	Eagle	5.59 48	Pn	Pn	21 26 35.8 +0.4	
L18K	Granite Mounta	2.84 289	P	Pn	21 25 58.0 +0.1	J25K	Salcha River,	4.11 36	P	21 26 16.7 +1.4	EGAK	Kuka	5.59 48	Pn	Pn	21 26 35.8 +0.4	
BWN	Browne	2.86 13		Pn	21 25 59.3 +1.1	SCRK	Sand Creek	4.12 48	Pn	21 26 15.7 +0.2	L14K	Kuka Creek	5.64 275	Pn	Pn	21 26 36.9 +0.9	
BWN	comp=N,233nm,0.7s	IAML	21 26 56.8	SCRK	comp=N,67nm,0.6s	SCRK			21 27 20.2	L14K	Kuka Creek	5.64 275	P	Pn	21 26 36.2 +0.2		
BWN	comp=N,233nm,0.7s	IAML	21 26 57.6	SCRK	comp=N,43nm,0.7s	SCRK			21 27 25.6	G18K	Tagagawik	5.66 326	Pn	Pn	21 26 37.1 +0.8		
HARP	HAARP	2.92 67	P	Pn	21 25 59.9 +0.8	SCRK	Sand Creek	4.12 48	P	21 26 15.7 +0.2	BPCM	Bancas Point	5.75 100	Pn	Pn	21 26 37.3 -0.4	
P18K	Big Mountain,	2.92 228	Pn	Pn	21 25 59.1 0.0	SCRK	Sand Creek	4.12 48	Pn	21 26 15.7 +0.2	G25K	Bearman Lake	5.79 19	Pn	Pn	21 26 39.7 +1.6	
P18K	Big Mountain,	2.92 228	P	Pn	21 25 59.2 0.0	SNH	Sunshine Point	4.17 104	Pn	21 26 14.7 -1.4	G25K	Bearman Lake	5.79 19	P	Pn	21 26 38.8 +0.7	
PAX	Paxson	3.02 56	P	Pn	21 26 01.3 +0.9	SNH	comp=E,66nm,0.4s		21 27 07.8	COLD	Coldfoot	5.86 3	P	Pn	21 26 40.5 +1.5		
Q23K	Middleton Isla	3.02 129	Pn	Pn	21 26 00.0 -0.4	SNH	comp=N,72nm,0.3s		21 26 17.6 +0.7	COLD	Coldfoot	5.86 3	P	Pn	21 26 38.5 -0.5		
Q23K	comp=N,118nm,1.1s	IAML	21 27 40.4	P16K	Nushagak River	4.24 239	Pn	Pn	21 26 17.6 +0.7	I27K	Kandik River	5.94 41	P	Pn	21 26 40.7 +0.5		
Q23K	comp=E,136nm,1.4s	IAML	21 25 59.7 -0.7	P16K	Nushagak River	4.24 239	P	Pn	21 26 17.6 +0.7	F21K	Alatna River	5.95 350	Pn	Pn	21 26 41.0 +0.8		
Q23K	Middleton Isla	3.02 129	Pn	Pn	21 26 00.0 -0.4	R18K	Kariuk	4.24 206	Pn	21 26 16.6 -0.4	F21K	Alatna River	5.95 350	Pn	Pn	21 26 41.0 +0.8	
MID	Middleton Isla	3.03 129	Pn	Pn	21 26 35.3	R18K	Kariuk	4.									

Table with columns: NEZ, HIZ, KHEZ, etc. Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate.

IDC 22:23:05:43.0,0.6,11.41Sx,117.24E,h0km,mb4.3/13, mbmp4.4/17,ML4.5/4,MS3.4/18, Error ellipse: s-maj=24.7km s-min=13.8km az=56.0

NEIC 22:23:05:44.2,2.9,11.69Sx,107.17W,11E,1.06,h9km,4km, mb4.5/28, Error ellipse: s-maj=10.5km s-min=7.7km az=216.0

DJA 22:23:05:45.0,1.1,12.52x,117E,1,h4km,8km,M5.1/38, mb5.0/38,mb5.6/11,ML5.3/18,Mw(mb)5.0/11

ISC 22:23:05:46.6,0.4,11.64Sx,117.20E,0.05,h26km,m130, 0192/126,mb4.5/21,MS3.5/14, South of Sumbawa

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate.

Main table with columns: WRA, WRAB, WRB2, WRO, MYKOM, BLDU, PDSI, KLSR, AS31, ASAR, ASO1, KBNL, MIUN, DAV, NWAOW, NWAON, NWAOS, FORT, IPM, GSI, KULM, COEN, PMG, STKA, CMAR, PZH, H08S2, H08S3, H08S1, DZM, MJAR, BTO, KLR, HEH, KSH, KBL, MK31, MKAR, ARSB, VVND, KURB, KURK, ZALV, GEYT, BVAR, RAYN, GSPA, ABKAR, AKTO, ARU, BOSB, MBAR, SNAW, SNAW, BRH, TKL, LPAZ.

Main table with columns: Error ellipse: s-maj=3.5km s-min=1.6km az=175.0, SOME 22:23:13:02.6,0.4,43.42N,78.32E,h20km, KRNET 22:23:13:04.6,0.1,43.35N,78.11E,h18km,mb2.6, ISC 22:23:13:02.6,0.4,43.42N,0.02,78.34E,0.01,h15km,5km, n66,c151/124,26C-13D, Lake Issyk-Kul region, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate.

Table with columns: IBDR, comp, E, Azim, 0.6s, AML, AML, 00 05 37.9, RAFI, Al-Rafai, 0.75 155, etc.

RSNC 23 00:06:31.9-0.0, 7°N, 1°7'3W, h140km, 3km, M3.9, mb4.0, mB5.5, ML3.2, Mw(m)B4.9, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BARC, Barichara, 0.20 198, etc.

IDC 23 00:15:38.2-6.4, 3.0, 72°S, 179°86'W, h343km, 50km, mb3.0/3, mbmp3.7/4, Error ellipse: s-maj=66.2km s-min=23.2km az=46.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HAZ, Te Kaha, 7.14 193, etc.

Table with columns: OTVZ, Oturere, 9.01 201, P, P, 00 17 48.6 -0.5, BHHZ, Black Hill Sta, 9.02 199, P, Pn, 00 17 49.7 +0.9, etc.

Table with columns: WRA, Warramunga Arr, 42.24 274, P, P, 00 23 00.9 +0.1, GSPA, South Pole Qui, 59.31 180, P, P, 00 25 05.3 -1.1, etc.

Table with columns: FINES, FINESS Array B, 144.85 338, PKP, PKPbc, 00 34 32.6 -2.8, MMAI, Mount Meron Arr, 149.80 284, PKPbc, PKPbc, 00 34 48.4 -1.4, etc.

NAM 23 00:16:15.6-4.2, 19°15'S, 14°44'E, h10km, 42km, 10C-7D, Namibia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ST8N, ST8, 0.14 235, etc.

CATAC 23 00:20:09.1±0.5, 12°68'N, 86°98'W, h10km, 4km, ML3.4, SNET 23 00:20:11.6±1.1, 12°78'N, 86°95'W, h14km, 7km, ML3.9, ISC 23 00:20:09.7±0.9, 12°71'N, 0°05:86.95W±0.04, h13km, 7km, n23, c0565/35, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CRIN, San Cristobal, 0.10 267, etc.

Table with columns: QUEN, Al S del Volca, 0.15 139, etc.

Table with columns: TEL3, Telica 3, 0.17 142, etc.

Table with columns: CHNN, El Viejo, 0.19 245, etc.

Table with columns: CNGN, Cerro Negro, 0.32 130, etc.

Table with columns: CNGA, AI SSO del Vol, 0.32 131, etc.

Table with columns: LEVN, Ruinas Leon Vi, 0.45 133, etc.

Table with columns: COPN, Copaltepe, 0.63 146, etc.

Table with columns: APQY, Apoyeque, 0.75 129, etc.

Table with columns: SAPS, Ciudad Sandino, 0.75 135, etc.

Table with columns: SOMN, Somoto, 0.78 25, etc.

Table with columns: APQZ, Apoyeque, 0.79 129, etc.

Table with columns: ABCN, Banco Central, 0.85 133, etc.

Table with columns: TISN, Laguna Tiscapa, 0.87 130, etc.

THE 23 00:28:17.8, 34°85'N, 24°87'E, h4km, 3km, ML2.9/5, Error ellipse: s-maj=3.6km s-min=0.8km az=343.0, ISK 23 00:28:17.3, 34°86'N, 24°92'E, h21km, ML2.8/14, ATH 23 00:28:18.1, 34°87'N, 24°90'E, h22km, 1km, ML2.9/8, Error ellipse: s-maj=2.7km s-min=1.2km az=355.0, ISC 23 00:28:18.0±1.2, 34°87'N, 0°05:24.89E±0.03, h21km, 2km, n32, c084/50, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TMBK, Timbaki Herakl, 0.23 334, etc.

Table with columns: KSTL, Kastelli Herak, 0.46 19, etc.

Table with columns: IACM, Heraklion, 0.46 19, etc.

Table with columns: IACM, Heraklion, 0.46 19, etc.

Table with columns: GVD, Gavidhos, 0.66 268, etc.

Table with columns: GVD, Gavidhos, 0.66 268, etc.

Table with columns: CHAN, Chania, 0.95 313, etc.

Table with columns: IMMV, Iera Moni Meta, 0.95 309, etc.

Table with columns: IMMV, Iera Moni Meta, 0.95 309, etc.

Table with columns: KNDR, Palaiochora Ch, 1.05 291, etc.

Table with columns: ZKR, Zakros, 1.12 77, etc.

Table with columns: ZKR, Zakros, 1.12 77, etc.

Table with columns: RODP, Thira Island, 1.15 307, etc.

Table with columns: SANT, Santorini, 1.57 17, etc.

Table with columns: ANKY, Antikythira Is, 1.63 308, etc.

Table with columns: APE, Apeiranthos, 2.25 13, etc.

Table with columns: VLI, Vellai, 2.42 320, etc.

Table with columns: DAT, Datar, 2.87 49, etc.

Table with columns: ARG, Arhangelos, 2.96 62, etc.

Table with columns: WBO, Warramunga Arr, 22.67 160, etc.

Table with columns: WRA, Warramunga Arr, 22.82 160, etc.

Table with columns: WRA, Warramunga Arr, 22.82 160, etc.

Table with columns: WBO, Warramunga Arr, 22.67 160, etc.

Table with columns: ASAR, Alice Springs, 26.19 164, etc.

23d Oh

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Haines Junction, Horse Mountain, Bosley Butte, etc.

2018 JUN

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Braeburn, Yuko, Dodson Butte, etc.

1290

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Dease Lake, Dease Lake, Hart River, etc.

23d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KVTV, ARU, OK031, etc.

2018 JUN

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

1292

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

Table with columns: IATA, City, Country, Lat, Lon, Alt, P, S, D, T, R, F, L, M, N, O, Q, R, S, T, U, V, W, X, Y, Z, and other flight details.

Table with columns: IATA, City, Country, Lat, Lon, Alt, P, S, D, T, R, F, L, M, N, O, Q, R, S, T, U, V, W, X, Y, Z, and other flight details.

Table with columns: IATA, City, Country, Lat, Lon, Alt, P, S, D, T, R, F, L, M, N, O, Q, R, S, T, U, V, W, X, Y, Z, and other flight details.

Table with columns for station ID, name, elevation, and other parameters. Includes entries like SVW2 Sparrevohn, ILSW Iliamna Sound, J16K Anvik River, etc.

Table with columns for station ID, name, elevation, and other parameters. Includes entries like KTH Kantishna Hill, G19K Purcell Mountain, G19K Purcell Mountain, etc.

Table with columns for station ID, name, elevation, and other parameters. Includes entries like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

23d Oh

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like C23K, L29M, D24K, etc.

2018 JUN

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like G06A, NV11, G30M, etc.

1296

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like BMO, PRN, 113A, etc.

23d 1h

TEIG	comp=Z,20nm,0.8s,baz=107,slow=7.0,SNR=6.6	LR	LR	02 10 48.1
SIV	comp=Z,227nm,20.6s,baz=63,slow=37	LR	LR	02 12 21.6
NNA	comp=Z,160nm,0.8s	P	P	02 00 11.3 +1.8
NNA	comp=Z,139nm,0.8s,baz=7.3,slow=7.3,SNR=64	LR	LR	02 12 17.8
NNA	comp=Z,467nm,19.0s,baz=20,slow=40	LR	LR	02 12 17.8
NNA	comp=Z,139nm,0.8s	P	P	02 00 12.0 +2.4
Y6GA	comp=Z,350nm,1.0s	P	P	02 00 15.4 +0.8
SALV	27.20 331	P	P	02 00 17.7 +1.7
LPAZ	27.38 191	P	P	02 00 18.7 +1.6
LPAZ	27.38 191	P	P	02 00 19.2 +2.1
LPAZ	comp=Z,35nm,0.8s,baz=3.9,slow=7.6,SNR=102	LR	LR	02 13 48.7
LPAZ	comp=Z,112nm,20.2s,baz=0.5,slow=42	LR	LR	02 00 18.9 +1.8
NHSC	27.38 165	P	P	02 00 18.3 +1.1
NHSC	27.49 327	P	P	02 00 18.9 +1.7
BBSD	27.81 176	P	P	02 00 21.9 +1.7
553A	28.03 317	P	P	02 00 23.1 +1.1
CNNC	28.07 333	P	P	02 00 23.7 +1.4
NBPB	28.09 124	P	P	02 00 23.6 +0.8
TIGA	28.29 320	P	P	02 00 25.9 +1.6
TIGA	28.29 320	P	P	02 00 26.0 +1.6
ARAG	28.37 158	P	P	02 00 26.0 +0.7
NHSC	28.44 120	P	P	02 00 26.5 +0.6
BUHEL	28.46 282	P	P	02 00 27.0 +0.7
BIRD	28.83 328	P	P	02 00 30.2 +1.1
PB18	28.93 194	P	P	02 00 32.0 +1.2
SDBA	28.97 142	P	P	02 00 30.6 0.0
COG	29.17 324	P	P	02 00 33.1 +0.5
HODGE	29.27 286	P	P	02 00 35.5 +0.7
GOGA	29.57 323	P	P	02 00 36.6 +0.9
GOGA	29.57 323	P	P	02 00 37.2 +1.5
GOGA	29.57 323	P	P	02 00 36.7 +0.9
KMSC	29.66 328	P	P	02 00 36.9 +0.4
KMSC	29.66 328	P	P	02 00 37.8 +1.3
BDFB	29.94 151	P	P	02 00 40.7 +1.4
BDFB	29.94 151	P	P	02 01 08.4
BDFB	29.94 151	P	P	02 00 41.4 +2.1
PB12	30.12 195	P	P	02 00 40.2 -0.6
CBN	30.38 337	P	P	02 00 43.4 +0.6
CBN	30.38 337	P	P	02 00 44.2 +1.5
BRAL	30.41 316	P	P	02 00 44.6 +1.4
BRAL	30.41 316	P	P	02 00 45.1 +2.0
BLA	30.85 332	P	P	02 00 48.3 +1.3
BLA	30.85 332	P	P	02 00 48.9 +1.9
BLA	30.85 332	P	P	02 00 48.3 +1.3
GO01	30.88 192	P	P	02 00 47.8 -0.1
GO01	30.88 192	P	P	02 00 50.2
PB11	31.07 193	P	P	02 00 48.6 -0.6
SDMD	31.23 339	P	P	02 00 50.9 +0.6
RCBR	31.30 120	P	P	02 00 52.8 +1.5
RCBR	31.30 120	P	P	02 01 25.5
RCBR	31.30 120	LR	LR	02 13 33.8
RCBR	31.30 120	P	P	02 00 52.8 +1.5
RCBR	31.30 120	P	P	02 00 50.7
TKL	31.36 326	LR	LR	02 13 02.8
TKL	31.36 326	P	P	02 00 52.9 +1.4
JANB	31.41 144	P	P	02 00 52.5 +0.3
M65A	31.51 348	P	P	02 00 54.1 +1.5
LRAL	31.52 319	P	P	02 00 53.6 +0.7
LRAL	31.52 319	P	P	02 00 54.6 +1.7
HMBG	31.62 193	P	P	02 00 54.0 -0.1
HMBG	31.62 193	P	P	02 00 55.9
CPCT	31.63 325	P	P	02 00 54.7 +0.8
CPCT	31.63 325	P	P	02 00 57.3
BRNJ	31.64 343	P	P	02 00 54.6 +0.8
TA02	31.67 193	P	P	02 00 54.0 +0.3
TA02	31.67 193	P	P	02 00 55.6
WSP7	31.75 345	P	P	02 00 55.7 +0.9
WSP7	31.75 345	P	P	02 00 57.5
PAL	31.75 344	P	P	02 00 56.1 +1.3
AQDB	31.75 168	P	P	02 00 56.8 +1.8
AQDB	31.75 168	P	P	02 00 57.3 +2.3
IPMB	31.89 153	P	P	02 00 57.1 +1.3
TZTN	31.89 327	P	P	02 00 57.3 +1.1
TZTN	31.89 327	P	P	02 00 58.0 +1.8
TA01	31.97 193	P	P	02 00 56.9 0.0
TA01	31.97 193	P	P	02 00 59.3
PATCX	32.21 193	P	P	02 00 59.7 +0.6
PATCX	32.21 193	P	P	02 01 01.0
SWET	32.29 323	P	P	02 01 00.7 +1.0
NBCA	32.52 124	P	P	02 01 01.8 -0.2
ITRB	32.58 158	P	P	02 01 04.3 +2.0
HRV	32.60 348	P	P	02 01 03.2 +1.0
HRV	32.60 348	P	P	02 01 05.3
HRV	32.60 348	P	P	02 01 04.0 +1.8
HRV	32.60 348	P	P	02 01 03.2 +1.0
MCWV	32.61 335	P	P	02 01 03.6 +1.2
MCWV	32.61 335	P	P	02 01 04.5 +2.1
SSPA	32.69 338	P	P	02 01 04.4 +1.3
SSPA	32.69 338	P	P	02 01 04.7 +1.6
SSPA	32.69 338	P	P	02 01 04.8 +1.6
SSPA	32.69 338	P	P	02 03 46.0 -0.4
L61B	32.80 346	P	P	02 01 04.5 +0.6

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NBLA	Lagarto - SE	32.81 130	eP	P	02 01 04.8 +0.4
PB09	IPOC Station P	32.96 191	I	I	02 01 06.6 +0.8
PB09	IPOC Station P	32.96 191	I	I	02 01 08.4
CLBT	Cedars of Lebanon	33.13 323	P	P	02 01 08.1 +1.1
NLN	Andria AL	33.15 127	P	P	02 01 08.2 +0.8
PMNB	Patos De Minas	33.19 151	eP	P	02 01 09.1 +1.4
GU01	Guandu, BA	33.38 136	eP	P	02 01 10.1 +0.8
VBMS	Vicksburg	33.43 314	P	P	02 01 11.0 +1.4
VBMS	Vicksburg	33.43 314	P	P	02 01 11.5 +1.9
BINY	Binghamton	33.45 342	P	P	02 01 11.2 +1.5
P52A	Corning	33.59 332	P	P	02 01 12.4 +1.5
O53A	New Philadelphia	33.69 334	P	P	02 01 13.2 +1.5
LVC	Limon Verde	33.69 190	P	P	02 01 13.1 +0.7
LVC	Limon Verde	33.69 190	P	P	02 01 14.6
LVC	Limon Verde	33.69 190	LR	LR	02 15 55.9
LVC	Limon Verde	33.69 190	P	P	02 01 13.1 +0.7
LVC	Limon Verde	33.69 190	eP	P	02 01 13.4 +1.0
HAL	Halifax	33.80 359	P	P	02 01 12.8 +0.2
HAL	Halifax	33.80 359	P	P	02 01 15.1
HAL	Halifax	33.80 359	P	P	02 01 12.8 +0.2
AF01	San Pedro de A	33.91 189	P	P	02 01 15.2 +1.1
PB06	IPOC Station P	33.91 191	I	I	02 01 14.2 +0.2
PB06	IPOC Station P	33.91 191	I	I	02 01 16.4
OXF	Oxford	34.01 318	P	P	02 01 15.1 +0.5
OXF	Oxford	34.01 318	P	P	02 01 15.6 +1.0
OXF	Oxford	34.01 318	P	P	02 01 15.1 +0.5
OXF	Oxford	34.01 318	P	P	02 01 17.1 +2.3
WWT	Waverly	34.05 322	P	P	02 01 15.5 +0.6
WWT	Waverly	34.05 322	P	P	02 01 15.9 +1.0
WWT	Waverly	34.05 322	P	P	02 01 15.5 +0.6
WWT	Waverly	34.05 322	P	P	02 01 15.8 +1.0
WWT	Waverly	34.05 322	P	P	02 03 49.0 -1.3
WWT	Waverly	34.05 322	P	P	02 02 22.0 -3.5
PB05	IPOC Station P	34.18 192	P	P	02 01 16.5 +0.1
AMBA	Amambai (Braz	34.28 167	eP	P	02 01 19.1 +2.7
J58A	Remsen	34.31 344	I	I	02 01 17.5 +0.7
J58A	Remsen	34.31 344	I	I	02 01 20.4
J58A	Remsen	34.31 344	P	P	02 03 50.3 -0.7
LBNH	Lisbon	34.34 348	I	I	02 01 17.8 +0.5
LBNH	Lisbon	34.34 348	I	I	02 01 20.3
LBNH	Lisbon	34.34 348	P	P	02 01 18.4 +1.0
LBNH	Lisbon	34.34 348	P	P	02 01 17.8 +0.5
PB15	IPOC Station P	34.38 191	P	P	02 01 18.5 +0.4
PB15	IPOC Station P	34.38 191	P	P	02 01 20.1
DIAM	Diamantina, MG	34.39 147	eP	P	02 01 19.1 +0.9
M53A	W Miller and	34.45 336	P	P	02 01 20.0 +1.6
GGN	Saint George	34.46 355	P	P	02 01 18.8 +0.6
ACSO	Alum Creek Sta	34.46 332	P	P	02 01 19.3 +1.5
ACSO	Alum Creek Sta	34.46 332	P	P	02 01 20.3 +1.9
GBN	Guysborough	34.57 1	P	P	02 01 19.9 +0.6
GBN	Guysborough	34.57 1	P	P	02 01 22.4
CMC01	Camacan, BA	34.60 138	eP	P	02 01 20.1 +0.2
VTT1	Waterbury	34.60 347	P	P	02 01 20.6 +1.0
WCI	Wyandotte Cave	34.61 326	P	P	02 01 21.1 +1.3
WCI	Wyandotte Cave	34.61 326	P	P	02 01 21.3 +1.5
WCI	Wyandotte Cave	34.61 326	P	P	02 01 21.1 +1.3
WCI	Wyandotte Cave	34.61 326	P	P	02 01 20.9 +0.2
TRCB	Terra Rica	34.73 164	P	P	02 01 21.7 +0.8
TRCB	Terra Rica	34.73 164	P	P	02 01 22.7 +1.7
P49A	Miami Univ. Ec	34.75 329	P	P	02 01 22.6 +1.6
ERPA	Erie	34.76 337	P	P	02 01 22.2 +1.2
PKME	Peaks-Kenny Pk	34.88 352	P	P	02 01 23.2 +1.2
PKME	Peaks-Kenny Pk	34.88 352	P	P	02 01 25.8
PKME	Peaks-Kenny Pk	34.88 352	P	P	02 01 22.7 +0.7
LMN	Caledonia Moun	35.05 357	P	P	02 01 24.4 +1.0
LMN	Caledonia Moun	35.05 357	P	P	02 01 25.8
MEDO	Medina	35.12 340	P	P	02 01 24.6 +0.5
MEDO	Medina	35.12 340	P	P	02 01 26.9
CCAR	Cane Creek	35.25 315	P	P	02 01 26.2 +1.0
LONY	Lake Ozonia	35.30 345	P	P	02 01 26.4 +0.8
GU01	Guaratinga, BA	35.32 140	eP	P	02 01 26.4 +0.4
TLIG	Tapira	35.44 285	P	P	02 01 27.5 +0.3
TLIG	Tapira	35.44 285	P	P	02 01 30.5
O48B	Farmington	35.52 330	P	P	02 01 28.7 +1.2
O48B	Farmington	35.52 330	P	P	02 01 30.5 +1.9
LDASE	Londrina, Braz	35.74 162	eP	P	02 01 31.5 +1.9
WBO	Williamsburg	35.83 345	P	P	02 01 30.6 +0.5
WBO	Williamsburg	35.83 345	P	P	02 01 32.8
MNT0	Montreal, Queb	35.90 347	P	P	02 01 31.3 +0.6
PB14	IPOC Station P	35.94 192	P	P	02 01 31.6 0.0
PB14	IPOC Station P	35.94 192	P	P	02 01 33.6
BSCB	Bois Success	36.09 151	eP	P	02 01 33.1 +0.4
SJMB	Sao Joao De Ma	36.11 144	eP	P	02 01 33.4 +0.6
RCLB	Rio Claro- Sao	36.12 156	eP	P	02 01 33.5 +0.6
FRTB	Fartura	36.20 159	eP	P	02 01 35.5 +1.9
NATX	Nacogdoches	36.22 310	P	P	02 01 34.8 +1.2
NATX	Nacogdoches	36.22 310	P	P	02 01 34.8 +1.2
GO02	Mina Guanaco	36.31 191	P	P	02 01 34.9 +0.1
GO02	Mina Guanaco	36.31 191	P	P	02 01 36.6
HKT	Hockley	36.32 307	P	P	02 01 35.3 +0.9
HKT	Hockley	36.32 307	P	P	02 01 35.6 +1.2
HKT	Hockley	36.32 3			

NOR	Nord	73.54	6	i	P	02 05 59.4	-2.3
NOR						02 06 02.0	
comp=Z,24nm,0.6s							
PRA	Prague	73.56	41	eP	P	02 06 03.7	+1.4
PRU	Prague	73.56	41	eP	P	02 06 03.7	+1.4
PRU	Pruhonice	73.63	41	eP	P	02 06 03.9	+1.2
PRU	Pruhonice	73.63	41	eP	P	02 06 03.9	+1.2
PVCC	Panska Ves	73.67	40	eP	P	02 06 03.8	+0.8
PVCC	Panska Ves	73.67	40	eP	P	02 06 03.8	+0.8
DEL	Delary	73.68	34	i	P	02 06 03.0	+0.1
F30M	Barrier River	73.73	338	P	P	02 06 01.9	-1.1
YUK6	Outpost Mount	73.75	330	P	P	02 06 04.2	+0.7
K29M	Barlow Dome	73.77	334	P	P	02 06 03.6	+0.2
NSS	Namsos	73.77	26	eP	P	02 06 04.6	+1.4
O29M	Mount Kennedy	73.77	330	P	P	02 06 04.1	+0.5
G30M	tAoh Zranii Nji	73.78	337	P	P	02 06 02.1	-1.2
GOPC	GO Pecny, Ondr	73.78	41	eP	P	02 06 04.5	+0.8
GOPC	GO Pecny, Ondr	73.78	41	eP	P	02 06 04.5	+0.8
SOKA	Soboth	73.83	44	i	P	02 06 04.2	+0.1
comp=Z,11nm,0.6s							
EPYK	Eagle Plains	73.86	336	P	I	02 06 03.5	-0.3
EPYK						02 06 05.8	
comp=Z,49nm,1.1s							
EPYK	Eagle Plains	73.86	336	P	P	02 06 02.8	-0.9
L29M	L29M	73.93	333	P	P	02 06 04.1	-0.2
YUK4	Talbot Arm	73.94	331	P	P	02 06 04.7	+0.2
BOJS	Bojanci	73.96	46	eP	P	02 06 04.4	-0.3
HFS	Hajfors	73.97	30	P	P	02 06 04.9	+0.4
comp=Z,23nm,0.6s,baz=242,slow=3.1,SNR=67							
HFS						02 37 28.9	
comp=Z,193nm,18.5s,baz=206,slow=35							
M29M	Somme Creek	73.99	332	P	P	02 06 04.7	-0.1
CRES	Cresnejev	74.11	45	i	P	02 06 06.2	+0.6
CRES	Cresnejev	74.11	45	i	P	02 06 06.2	+0.6
PNL	Peninsula	74.11	329	P	P	02 06 06.4	+1.0
PNL	Peninsula	74.11	329	P	P	02 06 05.9	+0.6
BSD	Bornholm Skovb	74.16	36	eP	P	02 06 06.3	+0.7
BSD	Bornholm Skovb	74.16	36	eP	P	02 06 05.3	-0.3
BSD						02 06 07.7	
comp=Z,41nm,0.8s							
J29N	Klonzdie Camp	74.16	334	P	P	02 06 06.3	+0.7
ARSA	Arandberg	74.18	44	i	P	02 06 06.3	+0.2
TREC	Trest	74.22	42	eP	P	02 06 07.0	+0.8
TREC	Trest	74.22	42	eP	P	02 06 07.0	+0.8
I29M	Ogilvie Camp	74.34	335	P	P	02 06 06.2	-0.4
CONA	Conrad Observa	74.43	43	i	P	02 06 08.2	+0.6
Y29M	Pine Creek	74.46	337	P	P	02 06 06.5	-0.7
GK9M	Steele Glacier	74.47	331	P	P	02 06 07.8	+0.1
H29M	Whitestone	74.49	336	P	P	02 06 07.1	-0.3
STOK	Stokkvaagen	74.49	24	eP	P	02 06 08.5	+1.1
KONS	Konsvik	74.56	24	eP	P	02 06 09.1	+1.4
UPC	Upeice	74.59	40	eP	P	02 06 09.5	+1.2
UPC	Upeice	74.59	40	eP	P	02 06 09.5	+1.2
DAWY	Dawson	74.62	334	P	I	02 06 08.0	-0.3
DAWY						02 06 10.7	
DAWY	Dawson	74.62	334	P	P	02 06 08.0	-0.3
O28M	Mount Upton	74.62	330	P	P	02 06 08.8	+0.2
CHVC	Chvalec	74.62	40	eP	P	02 06 09.4	+0.9
CHVC	Chvalec	74.62	40	eP	P	02 06 09.4	+0.9
E29M	Blow River	74.66	338	P	P	02 06 07.0	-1.3
RONA	Rosalia, Austr	74.72	43	i	P	02 06 09.9	+0.7
OSTC	Ostas	74.73	40	eP	P	02 06 10.1	+1.0
OSTC	Ostas	74.73	40	eP	P	02 06 10.1	+1.0
DPC	Dobruska-Polom	74.79	41	eP	P	02 06 09.9	+0.4
DPC	Dobruska-Polom	74.79	41	eP	P	02 06 10.2	+0.6
KRUC	Moose Creek	74.85	331	P	P	02 06 10.0	+0.2
YUK3		74.85	331	P	P	02 06 10.0	+0.2
A050A	Klekovaca	74.86	47	i	P	02 06 11.2	+1.1
VRAC	Vranov	74.94	42	i	P	02 06 11.4	+1.0
VRAC	Vranov	74.94	42	i	P	02 06 11.2	+0.9
VRAC	Vranov	74.94	42	i	P	02 06 11.3	+1.0
I28M	Minter Creek	75.02	335	P	P	02 06 10.1	-0.5
MOR8	Moi Rana	75.04	24	eP	P	02 06 12.3	+1.7
KRLC	Kraliky	75.08	41	eP	P	02 06 12.6	+1.4
KRLC	Kraliky	75.08	41	eP	P	02 06 12.6	+1.4
D28M	Stakes Point	75.12	339	P	P	02 06 10.0	-0.9
A051A	Mrakovica	75.13	46	i	P	02 06 12.2	+0.6
CTG	Chitna Glacier	75.20	330	P	P	02 06 12.5	+0.8
MGRS	Mrkonjic Grad	75.26	47	i	P	02 06 13.3	+1.0
ZST	Bratislava	75.26	43	eP	P	02 06 13.0	+0.8
ZST	Bratislava	75.26	43	eP	P	02 06 13.0	+0.8
F28M	Old Crow	75.28	337	P	P	02 06 10.8	-1.1
PMSA	Palmer Station	75.29	181	eP	P	02 06 15.7	+3.9
PMSA	Baggage River	75.29	338	P	P	02 06 10.6	-1.4
SRKY	Kupres RS	75.32	47	i	P	02 06 13.7	+0.9
BLY	Banja Luka	75.33	46	i	P	02 06 13.1	+0.5
YAH	Yahite	75.35	330	P	P	02 06 13.5	+0.8
YAH						02 06 15.1	
comp=Z,28nm,0.6s							
MODS	Modra-Piesok	75.38	43	eP	P	02 06 13.8	+0.9
MODS	Modra-Piesok	75.38	43	eP	P	02 06 13.8	+0.9
comp=Z,101nm,0.8s							
GKP	Gorka Klasztor	75.44	38	eP	P	02 06 14.4	+1.4
GKP	Gorka Klasztor	75.44	38	eP	P	02 06 14.4	+1.4
MESA	MESA	75.44	330	P	P	02 06 14.0	+0.8
EGAK	Eagle	75.46	334	P	P	02 06 13.0	0.0
EGAK	Eagle	75.46	334	P	P	02 06 12.8	-0.1
SMOL	Smolenice	75.48	43	eP	P	02 06 14.3	+0.8
FAUS	Fauske	75.53	23	eP	P	02 06 14.0	+0.8
MPLH	Magyarpolny	75.56	44	eP	P	02 06 14.5	+0.6
comp=Z,24nm,0.9s							
M27K	Edge Creek, AK	75.56	332	P	P	02 06 14.2	+0.4
MORC	Moravsky Berou	75.56	41	i	P	02 06 15.2	+1.2
MORC	Moravsky Berou	75.56	41	i	P	02 06 14.7	+0.8
MORC	Moravsky Berou	75.56	41	i	P	02 06 14.9	+0.9
MORC	Moravsky Berou	75.56	41	i	P	02 06 15.1	+1.2
STEI	Steigen	75.58	22	eP	P	02 06 14.3	+0.8
BCAR	Beaver Creek, AK	75.58	332	P	P	02 06 14.1	+0.3
L27K	Beaver Creek, AK	75.60	332	P	P	02 06 14.2	+0.3
JAVC	Velka Javorina	75.64	42	eP	P	02 06 15.2	+0.8
ISLE	Juniper Island	75.66	330	P	P	02 06 14.9	+0.5
ISLE						02 06 16.5	
comp=Z,122nm,1.8s							
STON	Ston	75.73	48	eP	P	02 06 14.8	-0.2
I27K	Kandik River	75.74	335	P	P	02 06 14.1	-0.5
H27K	Steamboat Moun	75.76	336	P	P	02 06 13.9	-0.8
K27K	Chicken Berou	75.79	333	P	P	02 06 15.2	+0.3
G27K	Doyon Strip	75.87	336	P	P	02 06 14.4	-1.0
SNH	Sunshine Point	75.88	329	P	I	02 06 16.5	+0.9
SNH						02 06 18.8	
D27M	Malcolm River	75.89	339	P	P	02 06 14.7	-0.8

WAX	Waxell Ridge	75.90	330	P	I	02 06 16.3	+0.6
WAX						02 06 18.2	
comp=Z,29nm,0.6s							
OKC	Ostrava-Krasne	75.96	41	eP	P	02 06 17.7	+1.6
OKC	Ostrava-Krasne	75.96	41	eP	P	02 06 17.7	+1.6
E27K	Crater River	76.00	338	P	P	02 06 14.8	-1.2
CRQE	Cirque	76.04	330	P	P	02 06 16.8	+0.3
MCARA	McCarthy VSAT	76.04	331	P	P	02 06 17.1	+0.7
CRQM	Cirque	76.06	330	P	P	02 06 17.6	+0.9
SRO	Srobarova	76.08	43	eP	P	02 06 17.7	+0.9
SRO	Srobarova	76.08	43	eP	P	02 06 17.7	+0.9
M26K	Nabesna, AK	76.09	332	P	P	02 06 16.3	-0.4
TREB	Trebinje	76.22	49	eP	P	02 06 18.2	+0.4
VRDI	Verde Repeater	76.24	331	P	P	02 06 18.0	+0.2
L26K	Log Cabin Wild	76.29	332	P	P	02 06 18.2	+0.5
MORH	Mrgy, Hungary	76.33	45	i	P	02 06 19.9	+1.6
MORH	Mrgy, Hungary	76.33	45	i	P	02 06 18.9	+0.6
comp=Z,27nm,0.9s,comp=Z,408nm							
I26K	Coal Creek Min	76.35	335	P	P	02 06 17.4	-0.6
VYHS	Vyhne	76.42	43	eP	P	02 06 19.7	+0.9
VYHS	Vyhne	76.42	43	eP	P	02 16 31.1	
VYHS	Vyhne	76.42	43	eP	P	02 06 19.7	+0.9
VYHS						02 16 31.1	
comp=Z,28nm,1.1s							
MENT	Mentasta	76.45	332	P	P	02 06 18.6	-0.1
J26L	Joseph Creek	76.47	334	P	P	02 06 18.1	-0.7
KBS	Kingsbay	76.59	11	eP	P	02 06 19.6	+0.4
KBS	Kingsbay	76.59	11	eP	P	02 06 19.8	+0.6
KBS	Kingsbay	76.59	11	eP	P	02 06 19.6	+0.4
KBS						02 06 19.6	+0.4
comp=Z,16nm,1.0s							
KBS	Kingsbay	76.59	11	eP	P	02 06 18.9	-0.3
HAPS	Han Pijesak, BI	76.61	47	i	P	02 06 21.6	+1.5
SCRK	Sand Creek	76.62	333	P	P	02 06 19.6	-0.2
KAIM	Kayak Island	76.66	329	P	P	02 06 19.9	0.0
G26K	Porcupine River	76.72	336	P	P	02 06 19.1	-1.0
BMRM	Bremner River	76.79	330	P	P	02 06 21.0	+0.3
N25K	Chitina, Valde	76.80	331	P	P	02 06 21.2	+0.4
RAGM	Ragged Mount	76.80	330	P	I	02 06 21.4	+0.7
RAGM						02 06 23.4	
comp=Z,30nm,0.7s							
LANS	Liptovska Anna	76.83	42	eP	P	02 06 23.1	+2.0
LANS	Liptovska Anna	76.83	42	eP	P	02 06 23.1	+2.0
LANS						02 06 23.1	+2.0
comp=Z,10.0nm,1.1s							
C27K	Jagz-99	76.89	339	P	P	02 06 20.7	-0.3
F26K	Sheenjek River	76.91	337	P	P	02 06 20.9	-0.3
RUDO	Rudo	76.93	48	eP	P	02 06 20.4	-1.4
BBL5	BBL#2631	76.94	47	i	P	02 06 23.4	+1.5
HSPB	Hornsund (broa	76.96	13	eP	P	02 06 22.6	+1.4
TEKS	Tekeris	77.00	47	i	P	02 06 23.2	+1.0
OJC	Ojcow	77.02	41	eP	I	02 06 23.3	+1.2
OJC	Ojcow	77.02	41	eP	I	02 06 22.9	+0.8
OJC	Ojcow	77.02	41	eP	I	02 06 22.9	+0.8
OJC	Ojcow	77.02	41	eP	I	02 06 22.3	+0.2
OJC						02 06 22.3	+0.2
comp=Z,52nm,1.1s							
BMAR	Burnt Mountain	77.06	337	P	P	02 06 21.4	-0.7
TRO	Tromso	77.08	21	eP	I	02 06 22.4	+0.4
TRO						02 06 24.1	
comp=Z,26nm,0.6s							
HARP	HAARP	77.09	332	P	P	02 06 22.0	-0.3
PSZ	Piszkesteto	77.14	43	i	P	02 06 24.2	+1.3
PSZ	Piszkesteto	77.14	43	i	P	02 06 23.7	+0.7
PSZ	Piszkesteto	77.14	43	i	P	02 06 24.2	+1.3
FRGS	Fruska Gora	77.18	46	i	P	02 06 24.5	+1.3
FRGS							

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like P08K Saint George I, SP1A Saint Paul Isl, VRH Novokhoporsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like CRAI Chiangrai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

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

Table with columns: Station, Time, Res, and various codes. Includes stations like LL06 Loncomilla, AYSN Puerto Aysn, LUNJ La Junta, etc.

Table with columns: Station, Time, Res, and various codes. Includes stations like VAO Valinhos, VAO VAO, VAO Valinhos, etc.

Table with columns: Station, Time, Res, and various codes. Includes stations like DUG Dugway, NVAR Nina Array, HWUT Hardware Ranch, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MOS, BOVS, DRGR, SIRR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JAVC, PABE, PABE, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like FINES, FINES, FINES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SONM, PALK, TOAO, TORO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CCB, EGAK, CAST, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TNSS, KDJ, CHKK, etc.

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

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

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

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like HANM, DYBB, ARPR, AKCD, URFA, HANI, KEMA, ATAB, SANL, ERZIN, AKCA, DARE, BNGB, MAZI, CUGUR, YEDI, ELBS, SURC, CUKAN, GZT, SVAN, MARD, BTM, SVSK, RSDY.

AFAD 23 08:28:28.6:0.4, 38.56N:44.30E, h7km, 1km, ML2.6
AZER 23 08:28:31.1, 38.59N:44.45E, h12km, ml2.7
TEH 23 08:28:41.6, 38.47N:45.28E, h8km, 6km, ML2.3
ISC 23 08:28:28.8:1.2, 38.56N:0.03:44.32E:0.02, h5km, 11km, n30, r1542/41, Turkey-Iran border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like OZAP, TVAN, VMUR, YOVA, GEVA, ISHB, IHRD, DYDN, NAX, HAKT, HAKT, HAKT, HYR, ADCV, SBZ, ORD, GOR, AGRB, DORR, ITBZ, KOTA, IAZR, EATA, SRTM, SRTM, IHRS, GDB, GDB, GANJ, QZX, QZX, DMNI, TRLG, YHD, YRD, VSHL, VSHL, LRK, LRK.

JMA 23 08:29:01.6:0.4, 44.12N:2.14E, h77km, MV3.8/22, SE OFF ETOROFU
SKHL 23 08:29:02.6:0.3, 44.60N:148.10E, h83km, 4km, mb4.5/3, msh5.4/3
ISC 23 08:29:00.8:3.1, 44.5N:0.1:148.2E:0.2, h84km, 22km, n15, r1536/27, Kuril Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, SHO, SHO, YUK, YUK, YUK, NEM2, NEM2, NMR, NMR, JRA, JNSB, JNSB, JNK, JNK, AKK, AKK, JAK, JAK, JAR, JAR, JCH, JCH.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like JCH, JNBK, JOT, JOT, JANG, JANG.

IDC 23 08:30:46.5:1.5, 35.98N:70.91E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=50.0km s-min=32.5km az=54.0
NEIC 23 08:31:12.7:1.5, 36.62N:0.08:70.99E:0.05, h211km, 6km, mb4.3/6, Error ellipse: s-maj=11.7km s-min=5.8km az=167.0
ISC 23 08:31:11.4:0.7, 36.57N:0.07:71.00E:0.07, h200km, n37, r169/42, mb4.0/9, 2C, Hindu Kush region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like GAR, CHGR, KBL, SIMJ, DRK, SRNI, SRNI, KSH, ARSB, THN, THN, THN, THN, DHRM, DHRM, DHRM, DHRM, KK31, KK31, KK31, KKAR, KKAR, AAK, BOOM, SMLA, SMLA, SMLA, SMLA, KLP, KLP, WMO, WMO, WMO, AB31, ABKAR, ABKAR, PZH, PZH, HHC, HHC, HHC, FIA1, FIA1, FIA1, ARCES, ARCES, ARCES, NOA, NOA, TORO, TORO, BMAR, BMAR, I20K, I20K, C36M, C36M, H29M, WRA.

IDC 23 08:38:14.6:1.9, 39.22N:76.39E, h0km, mb3.7/3, mbmp3.6/8, ML3.2/4, Error ellipse: s-maj=29.1km s-min=18.1km az=111.0
SOME 23 08:38:14.6:3.9, 39.53N:76.88E, h15km
KRNET 23 08:38:16.3:0.1, 39.42N:76.85E, mb4.1
NNC 23 08:38:17.0:0.7, 39.59N:76.81E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=5.1km s-min=3.5km az=153.0
ISC 23 08:38:17.6:0.8, 39.60N:0.03:76.85E:0.03, h10km, n97, r2532/138, mb3.8/3, 38C-25D, Southern Xinjiang

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KLP, WMO, WMO, AB31, ABKAR, PZH, HHC, FIA1, ARCES, NOA, TORO, BMAR, I20K, C36M, H29M, WRA.

IDC 23 08:38:14.6:1.9, 39.22N:76.39E, h0km, mb3.7/3, mbmp3.6/8, ML3.2/4, Error ellipse: s-maj=29.1km s-min=18.1km az=111.0
SOME 23 08:38:14.6:3.9, 39.53N:76.88E, h15km
KRNET 23 08:38:16.3:0.1, 39.42N:76.85E, mb4.1
NNC 23 08:38:17.0:0.7, 39.59N:76.81E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=5.1km s-min=3.5km az=153.0
ISC 23 08:38:17.6:0.8, 39.60N:0.03:76.85E:0.03, h10km, n97, r2532/138, mb3.8/3, 38C-25D, Southern Xinjiang

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like NRN, NRN, TARG, TARG, KDJ, KDJ, SFK, SFK, ULHL, ULHL, ARLS, ARLS, BOOM, BOOM, PRZ, PRZ, UCH, UCH, ANVS, ANVS, OHH, OHH, KBK, KBK.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KBK, ARSB, ARSB, TNSS, TNSS, TNSS, IZV, IZV, IZV, TKM2, TKM2, TKM2, AAK, AAK, AAK, MTBS, MTBS, MTBS, MDOK, MDOK, MDOK, AAA, AAA, AAA, KNDC, FRU1, FRU1, KOTS, KOTS, KOTS, SATY, SATY, SATY, DGS, DGS, DGS, CHMS, CHMS, EKS2, EKS2, UZB, UZB, UZB, DRK, DRK, KURS, KURS, KURS, SHLS, SHLS, SHLS, USP, USP, KPKS, KPKS, KPKS, KTBS, KTBS, KTBS, MRKS, MRKS, MRKS, MRKS, KRBS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SJC, San Juan, 2.08 129 eS, Sn, 09 18 23.1 +0.2, 09 17 58.0 -1.1, 09 18 41.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SJC, San Juan, 2.08 129 eS, Sn, 09 17 58.0 -1.1, 09 18 41.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SJC, San Juan, 2.08 129 eS, Sn, 09 17 58.0 -1.1, 09 18 41.0

23d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LOMA, UES, PMON, JAYA, COMHN, BOAB, NUBE, MTO3, JUTH, TXAR, PFO, PDAR, NVAR, ULM, and SCHO.

IDC 23 11:23:30.2, 7.8, 19.67S; 175.93W, h159km, 70km, mb3.6/11, mbtmp4.2/12, Error ellipse: s-maj=21.4km s-min=18.9km az=81.0

NOU 23 11:23:36.9, 19.66S; 175.43W, h251km, mb4.6/38, Tonga Islands

NEIC 23 11:23:36.3, 2.3, 19.45S; 0.1, 175.50W; 0.10, h241km, 13km, mb4.5/25, Error ellipse: s-maj=23.5km s-min=8.5km az=20.0

ISC 23 11:23:34.9, 0.4, 19.97S; 0.07, 175.72W; 0.05, h204km, n127, az=00/128, mb4.3/28, 2C-1D, Tonga Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including NIUE, MSVF, AFJ, RAR, PINNC, LIFNC, YATNC, OUENC, DZM, ONTNC, NOUC, OUZ, MXZ, KUZ, WNGZ, HAZ, PKGZ, KOUNC, PUZ, RUGZ, TWGZ, IHWZ, CNZG, MWZ, TKGZ, URZ, RAGZ, RIGZ, MUGZ, HRRZ, RTZ, PRZG, PRZ, RAHZ, MTHZ, NMHZ, HAZ, BKZ, BFZ, GRZ, JZ, ODZ, EIDZ, ARMA, CNB, CTAO, CLP, MTSU, COEN, STKA, QIS, LCRK.

2018 JUN

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BBOO, OOD, WR0, AS01, AS31, ASAR, ASAR, WB0, WB2, WRAB, WRA, WRA, KDU, MTN, MTN, FOR, FOR, DRS, WPKA, SBA, SOEI, VYDA, PSAA, MBWA, QSPA, QSPA, MJAR, MJAR, BELA, NJ2, NJ2, MAW, H03S2, H03S1, TXAR, PDAR, ILAR, ELIB, SNA, SNA, VNA3, VNA2, HHC, HHC, PZH, PZH, BVAR, VYHS, MIMAI.

DJA 23 11:31:39.1, 2.9, 3.3, S; 7.13, 173.1E, h237km, 37km, M3.5/7, MLV3.5/7

IDC 23 11:31:44.6, 3.5, 3.3, 12S; 130.50E, h0km, mb3.8/4, mbtmp3.8/5, ML3.8/11, M3.3/0/4, Error ellipse: s-maj=28.7km s-min=2.13km az=71.0

ISC 23 11:31:49.0, 1.0, 3.16S; 0.07, 130.86E; 0.09, h35km, n13, az=340/10, mb3.8/3, Seram

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FAKI, BNDI, KMPI, BATI, KAPI, WRA, ASAR, PETK, MKAR, KURBB, GSPA, JMA, IDC, ISC, JSK, JSH, JISS, JNB.

JMA 23 11:54:18.3, 0.4, 44.4, N; 12.13, 139.9E, h261km, MV3.1/19, EASTERN SEA OF JAPAN

IDC 23 11:54:19.7, 0.9, 43.74N; 138.67E, h248km, 10km, mb3.1/11, mbtmp3.6/15, Error ellipse: s-maj=13.8km s-min=12.1km az=165.0

ISC 23 11:54:19.6, 0.7, 43.63N; 0.07, 138.74E; 0.06, h250km, n32, az=121/37, mb3.2/11, Eastern Sea of Japan

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Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JEW, JHR, JSS, JRBN, JWK2, ASAJ, ASAJ, JKK2, JKK2, JSE, JNBK, JNBK, JCH, JCH, JAR, JAR, JTRK, JANG, JAK, JAK, MJAR, KRSR, ZALV, NRK, MKAR, MKAR, KURBB, BVAR, ILAR, WRA, ASAR, NVAR, PDAR, ULM.

WEL 23 11:55:27.1, 0.8, 36.3, S; 8.17, 173.8E, h238km, 11km, M3.5/18, ML3.8/20, MLV3.5/18, Error ellipse: s-maj=0.0km s-min=0.0km az=116.1, confirmed, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ, MXZ, HAZ, WNGZ, WNGZ, PKGZ, PKGZ, RUGZ, RUGZ, PUZ, PUKETI, TWGZ, TWGZ, OPRZ, MWZ, MWZ, URZ, URZ, WIAZ, TKGZ, CNZG, RAGZ, RAGZ, MUGZ, MUGZ, RIGZ, RIMUHA, RTZ, HRRZ, WCPZ, SNZG, SNZG, PARITU, MTHZ, MTHZ, RAHZ, RAHZ, KHZ, KHZ, MRHZ, MRHZ, WHZ, WHZ, NMHZ, NMHZ, ARHZ, ARHZ, BKZ, BKZ, BCKZ, BCKZ, MOVZ, MOVZ, KRHZ, KRHZ, KRHZ, KRHZ, PXZ, PXZ, PNHZ, PNHZ, WPHZ, WPHZ, TSZ, TSZ, PRHZ, PRHZ.

MDD 23 12:08:05.5, 0.6, 32.64N; 6.74W, h20km, Mb3.7/5, M, mb3.0/5, Error ellipse: s-maj=6.0km s-min=4.2km az=93.0

SFS 23 12:08:05.4, 32.68N; 6.66W, h6km

ISC 23 12:08:03.6, 1.1, 32.73N; 0.05, 6.63W; 0.06, h10km, n9, az=203/15, SC, Morocco

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AVE, AVE, RVC, RVC, IFR, IFR, TIO, TIO, EMJ, EMJ, EGRO, EGRO, EGRO, EGRO, ECAB, ECAB.

23d 20h

2018 JUN

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like NWAOW, RETA, MAKZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GATA, BELA, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like MJAR, WRA, ASAR, etc.

Additional technical notes and data for stations like IDC 23 19:55:42.0, 1.0, 13.07N:143.69E, etc.

ARU	comp=Z,186nm,23.0s	MLR	MLR		
OBN	Obninsk 29.56 342	P	P	21 19 40.0	-0.8
OBN	Obninsk 29.56 342	iP		21 19 40.7	-0.1
OBN			pmax		
MARR	comp=Z,10.0nm,0.5s				
MARR	Marisel-Cluj 29.58 317	iP	P	21 19 42.0	+0.7
PUK	Puka 29.83 307	P	P	21 19 43.2	-0.3
MOS	Moscow 29.84 343	eP		21 19 43.0	-0.3
BZS	Buzias 30.01 315	iP	P	21 19 45.5	+0.5
BZS	Buzias 30.01 315	iP	P	21 19 45.5	+0.5
MAKZ	Makanchi 30.14 43	P	P	21 19 45.6	-0.5
MAKZ		IAMB	IAMB		
MAKZ	comp=Z,8.7nm,0.8s				
MAKZ	Makanchi 30.14 43	iP	P	21 19 46.5	+0.4
SIRR	Siria 30.27 316	iP	P	21 19 48.1	+1.5
MK31	Makanchi Array 30.32 43	P	P	21 19 47.8	0.0
MK31		IAMB	IAMB		
MK31	comp=Z,4.9nm,0.8s				
MK31	Makanchi Array 30.32 43	eP	P	21 19 48.0	+0.3
MKAR	Makanchi Array 30.32 43	P	P	21 19 47.9	0.0
MKAR	Makanchi Array 30.32 43	P	P	21 19 48.0	+0.2
MKAR	comp=Z,6.3nm,0.9s,baz=228,slow=8.3,SNR=28				
MKAR	Makanchi Array 30.32 43	P	P	21 19 48.0	+0.2
KURB	Kurchatov Arra 30.35 34	P	P	21 19 48.5	+0.6
KURB	comp=Z,6.0nm,0.8s,baz=234,slow=8.9,SNR=31				
KURK	Kurchatov 30.46 34	P	P	21 19 48.6	-0.3
KURK		IAMB	IAMB		
KURK	comp=Z,8.9nm,0.9s				
KURK	Kurchatov 30.46 34	eP	P	21 19 49.0	+0.2
KURK		pmax	pmax		
KIRV	comp=Z,8.0nm,0.8s				
KOLS	Kolonick sedl 30.85 357	eP	P	21 19 52.5	+0.3
KOLS	Kolonick sedl 31.22 321	eP	P	21 19 57.4	+1.8
KOLS		pmax	pmax		
CRVS	comp=Z,6.0nm,0.6s				
CRVS	Cervenica-Dubn 31.66 320	eP	P	21 20 00.0	+0.5
CRVS	Cervenica-Dubn 31.66 320	eP	P	21 20 00.0	+0.5
CRVS		pmax	pmax		
MNK	Minsk 32.03 333	iP	P	21 20 02.1	-0.6
MNK	comp=Z,7.0nm,1.1s				
MNK		P	P	21 20 02.1	-0.6
MNK	comp=N,11nm,1.2s				
MNK		iP	P	21 20 02.1	-0.6
MNK	comp=Z,9.0nm,1.0s,baz=137				
MNK		iPP	Pn	21 21 04.9	-3.4
MNK		iS	Sn	21 25 17.3	+4.4
MNK		iSS	SnSn	21 27 05.6	+2.4
MNK		iLQ	LR	21 30 33.4	
MNK		iLR	LR	21 32 59.7	
MNK	Minsk 32.03 333	iP	P	21 21 04.9	-0.6
MNK		iS	S	21 25 17.2	+4.4
MNK		iSS	SnSn	21 27 05.6	+2.4
MNK		pmax	pmax		
MNK	comp=E,7.0nm,1.0s				
MNK		pmax	pmax		
MNK	comp=N,11nm,1.2s				
MNK		pmax	pmax		
MORH	Mrqy, Hungar 32.15 314	iP	P	21 20 04.2	+0.4
WMQ	Urumsqj 32.69 51	eP	P	21 20 09.3	+0.6
WMQ		pP	pP	21 20 14.8	-1.8
WMQ		pmax	pmax		
LANS	comp=Z,26nm,0.7s				
LANS	Liptovska Anna 32.92 319	eP	P	21 20 11.8	+1.2
LANS	Liptovska Anna 32.92 319	eP	P	21 20 11.8	+1.2
YYHS	comp=Z,5.0nm,0.6s				
YYHS	Yyhne 32.99 318	eP	P	21 20 11.6	+0.4
YYHS	Yyhne 32.99 318	eP	P	21 20 11.6	+0.4
OJC	comp=Z,3.0nm,0.9s				
OJC	Ojcow 33.26 321	P	P	21 20 12.7	-0.8
OJC		IAMB	IAMB		
OJC	comp=Z,5.7nm,0.7s				
OJC	Ojcow 33.26 321	P	P	21 20 12.7	-0.8
OJC		pmax	pmax		
IGN	comp=Z,6.0nm,0.7s				
KLMR	Ignalina 33.31 333	eP	P	21 20 13.4	-0.5
KLMR	Klimovskoe 34.18 349	eP	P	21 20 18.9	-2.2
KLMR		e		21 21 37.3	
KLMR		pmax	pmax		
RONA	comp=Z,31nm,1.4s				
RONA	Rosalia, Austr 34.21 315	iP	P	21 20 21.9	0.0
MORC	comp=Z,3.5nm,0.6s				
MORC	Moravsky Berou 34.33 319	iP	P	21 20 23.2	+0.3
MORC	Moravsky Berou 34.33 319	eP	P	21 20 22.4	-0.5
MORC	Moravsky Berou 34.33 319	iP	P	21 20 23.2	+0.3
PABE	Paberze 34.35 332	eP	P	21 20 21.8	-1.1
PABE	Paberze 34.35 332	eP	P	21 20 22.2	+0.3
VRAC	Vranov 34.68 318	eP	P	21 20 25.6	-0.3
KRUC	Moravsky 34.69 318	eP	P	21 20 25.6	-0.4
NRCA	Norcia 34.88 306	P	IAMB	21 20 28.1	+0.4
NRCA		IAMB	IAMB	21 20 29.3	
MBAR	comp=Z,7.6nm,0.6s				
MBAR	Mbarara 34.91 220	P	P	21 20 30.0	+1.7
MBAR	Mbarara 34.91 220	P	P	21 20 30.0	+1.7
MBAR		pmax	pmax		
FDMO	comp=Z,3.0nm,0.8s				
FDMO	Fjordimont 34.94 306	P	P	21 20 28.4	+0.2
FDMO		IAMB	IAMB	21 20 38.7	
CESX	comp=Z,6.9nm,0.8s				
CESX	Cesi 35.21 305	P	P	21 20 30.6	+0.1
CESX		IAMB	IAMB	21 20 42.6	
DPC	comp=Z,7.2nm,1.0s				
DPC	Dobruska-Polom 35.29 320	eP	P	21 20 31.1	0.0
DPC	Dobruska-Polom 35.29 320	eP	P	21 20 31.1	0.0
VSU	Vasula 35.41 337	iP	P	21 20 31.7	-0.2
VSU		pmax	pmax		
ZAAO	comp=Z,1.8nm,1.5s				
ZALV	Zalesovo Beam 35.44 33	P	P	21 20 31.5	-0.8
ZALV	Zalesovo Beam 35.44 33	P	P	21 20 31.8	-0.5
ZALV	Zalesovo Beam 35.44 33	P	P	21 20 32.1	-0.2
ZALV	comp=Z,1.8nm,0.6s,baz=240,slow=9.0,SNR=86				
ZALV		LR	LR	21 36 58.0	
MOA	comp=Z,1.8nm,0.6s				
MOA	Molin 35.53 315	I	P	21 20 33.4	+0.1
CHVC	comp=Z,3.5nm,0.8s				
CHVC	Chvalec 35.55 320	eP	P	21 20 33.1	-0.2
CHVC	Chvalec 35.55 320	eP	P	21 20 33.1	-0.2
PBUR	Paburze 35.56 331	eP	P	21 20 32.3	-1.0
BIOA	Bad Ischl, Aus 35.88 314	eP	P	21 20 36.0	-0.2
ZVC	comp=Z,3.8nm,0.5s				
ZVC	Zvikov 36.17 317	eP	P	21 20 38.7	+0.1
GERES	GERESS Array B 36.24 316	P	P	21 20 38.6	-0.8
GERES	comp=Z,0.4nm,0.5s,baz=110,slow=8.5,SNR=2.7				
ABTA	Abfallersbach 36.30 312	iP	P	21 20 39.7	-0.3
ARBE	Arbavere 36.40 338	eP	P	21 20 40.3	-0.2
LESA	Schwarzleotall 36.41 313	iP	P	21 20 40.2	-0.6
KHC	comp=Z,3.0nm,0.5s				
KHC	Kasperske Hory 36.42 316	eP	P	21 20 40.6	-0.3
KHC	Kasperske Hory 36.42 316	eP	P	21 20 40.6	-0.3
MTSE	Matsula 36.63 335	eP	P	21 20 42.4	0.0
CTI	Castel Tesino 36.68 311	P	P	21 20 42.8	-0.4
CTI		IAMB	IAMB	21 20 43.9	
CTI	comp=Z,7.0nm,0.6s				
CTI	Castel Tesino 36.68 311	P	P	21 20 42.8	-0.4
CTI		pmax	pmax		
WTTA	comp=Z,7.0nm,0.6s				
WTTA	Wattenberg 37.03 313	iP	P	21 20 45.9	-0.4
WTTA	comp=Z,6.3nm,0.6s				
WATA	Walderalm 37.09 313	iP	P	21 20 46.0	-0.7
QZTA	Sankt Quirin 37.30 313	iP	P	21 20 47.9	-0.5
SOTA	comp=Z,5.0nm,0.5s				
SOTA	Moosalm 37.40 313	iP	P	21 20 48.5	-0.8
SOTA	comp=Z,5.4nm,0.7s				
IMP	Imphal 37.47 85	eP	P	21 20 50.2	+0.1
MEF	Metsahovi 37.52 338	eP	P	21 20 49.7	-0.2
MEF	Feichten 37.55 312	iP	P	21 20 50.4	-0.3
RETA	Reutte 37.66 313	eP	P	21 20 50.6	-0.9
RETA	comp=Z,5.3nm,0.8s				
JOF	Joensuu 37.70 345	eP	P	21 20 51.2	-0.2
FUORH	Ompaske Fuorn 37.78 311	P	P	21 20 52.3	-0.2
FINES	FINESS Array B 37.91 340	P	P	21 20 52.5	-0.7

FINES	FINESS Array B 37.91 340	P	P	21 20 52.8	-0.5
FINES	comp=Z,4.1nm,0.5s,baz=143,slow=9.3,SNR=73				
DAVA	Damuels 38.19 312	iP	P	21 20 55.5	-0.5
BSD	Bornholm Skovb 38.30 326	eP	P	21 20 55.1	-1.4
BSD	Bornholm Skovb 38.30 326	iP	P	21 20 54.7	-1.9
BSD		IAMB	IAMB	21 20 56.0	
RAF	Keurus 38.83 340	eP	P	21 21 00.6	-0.4
KEF	Rauma 39.00 337	eP	P	21 21 01.6	-0.8
LUNU	Lund 39.28 326	iP	P	21 21 04.0	-0.8
DEL	Delary 39.49 327	iP	P	21 21 06.0	-0.6
SENIN	Lac Senin/Sane 39.69 310	P	P	21 21 08.0	-0.7
SENIN		IAMB	IAMB	21 21 08.6	
BUJU	Bjuz 39.71 326	iP	P	21 21 07.6	-0.7
VAF	Vylstaro 40.16 340	eP	P	21 21 11.7	-0.3
FABU	Falkenberg 40.31 328	iP	P	21 21 12.5	-0.8
BOI	Boiras 40.60 328	iP	P	21 21 14.8	-0.9
ONAU	Onsala 40.88 328	iP	P	21 21 17.2	-0.9
GTA	Gaotai 40.95 61	P	P	21 21 19.8	+0.7
GTA	comp=Z,10.0nm,0.8s				
GTA		LR	LR		
GTA	comp=Z,7.5nm,17.8s				
GTA		LR	LR		
GTA	comp=Z,130nm,16.7s				
TJOU	Tjoern 41.33 328	iP	P	21 21 20.6	-1.2
HFS	Hagfors 41.52 332	eP	P	21 21 23.0	-0.3
HFS	comp=Z,9.3nm,0.4s,baz=124,slow=9.2,SNR=84				
HFS	Hagfors 41.52 332	eP	P	21 21 23.0	-0.3
STRU	Stromstad 42.03 330	iP	P	21 21 26.0	-1.5
TAM	Tamanrasset 42.25 274	P	P	21 21 29.9	-0.1
TAM		pmax	pmax		
TAM	comp=Z,2.0nm,0.7s				
OSL	Oslo 42.69 331	eP	P	21 21 32.6	-0.2
NC602	NORSAR Array S 42.75 332	eP	P	21 21 33.0	-0.3
NC405	NORSAR Array S 42.88 332	P	P	21 21 33.5	-0.9
HOMB	Homborsund 42.91 328	eP	P	21 21 34.5	-0.1
HOMB	Homborsund 42.91 328	iP	P	21 21 35.0	-1.6
NOB	NORSAR Subarra 43.03 332	P	P	21 21 34.5	-0.7
NOB	comp=Z,2.6nm,0.5s,baz=121,slow=8.6				
NOB	NORSAR Subarra 43.05 332	P	P	21 21 34.8	-1.3
NOA	NORSAR Array B 43.05 332	P	P	21 21 34.8	-1.0
NOA	comp=Z,2.4nm,0.5s,baz=122,slow=8.4,SNR=24				
CHTO	Chiang Mai 43.69 91	P	P	21 21 41.1	-0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include F24K Squaw Lake, E29M Blow River, G22K Bettles, F25K Christian River, G21K Allakaket, F26K Sheenjik River, H16K Elm, INK Inuvik, BMAR Burnt Mountain, H17K Granite Mount, G23K Banana Creek, H18K Honihosa River, H19K Roundabout Mou, IMAR Indian Mount, F28M Old Car, FITZ Fitzroy Crossi, G24K Hadweencz Riv, H20K Anotleneega Mo, F30M Barrier River, G26K Porcupine River, H22K Ishlitalina Cre, H21K Melozlina River, F31M Tsiighehtic, H17K Unalakleet, G27K Doyan Strip, H23K Yukon River, G29M Pine Creek, G30M Aoh Zraii Nji, J14K Nanvaranak Lak, H24K Noodor Dome, G31M Satah River, J16K Anvik River, H27K Steamboat Moun, H17K Manley, K13K Kusiyak Mount, J17K VABM Dome, EPYK Eagle Plains, H29M Whitestone, J19K Poorman, PRP Porcupine Dome, J20K Nowinta River, POKR Poker Plat Res, POKR Poker Plat Res, MDM Murphy Dome, MDM Murphy Dome, J18K Innoko River, K15K Wolf Creek Mou, I27K Kandik River, NWA0 Narragon (SRO), NEA2 Nenana, I26K Coal Creek Min, ILAR Eielson Array, H31M Peel River, K17K Iditarod, I28M Miner Creek, CHUM Lake Minchumim, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, I29M Ogilvie Camp, L14K Kukla Creek, K20K Telida, J25K Salcha River, H5K Harding Lake, I30M Mount Dempster, CAST Castle Rocks, CAST Castle Rocks, L17K Donlin, EGAK Eagle, EGAK Eagle, J26K Joseph Creek, L16K Owhat River, MCK McKinley, M14K Bethel, PPLA Purkeypile, SCRK Sand Creek, SCRK Sand Creek, J30M Hart River, K27K Chicken, M15K Kasigluk River, M17K Holtina River, M19K Big River Lodg, D9Y Denali Highway, K29M Barlow Dome, PAX Paxson

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BCAR Beaver Creek A, L27K Beaver Creek B, SUA Susitna One, SCM Sheep Creek Mo, SCM Sheep Creek Mo, YCA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, M27K Edge Creek, AK, M30M Minto, Yukon, RC01 Rabbit Creek A, P17K Kitchak River, YUK3 Moose Creek, YUK4 Talbot Arm, BRSE Bradley Lake S, N31M Braeburn, YUko, CTG Chitna Glacier, HYT Haines Junctio, O30N Mendenhall, S12K Black Hills, KDAK Kodiak Island, CHGN Chignik, WRA Warramunga Ar, WRA Warramunga Ar, OHAK Old Harbor, PLBC Pleasant Camp, SII Sitkinak Islan, R33M Jennings River, Q32M Nakina River, L61B Northampton, ASAR Alice Springs, DLBC Dease Lake, T35M Bob Quinn, O53A New Philadelphia, NHSO New Hope, M50 Missoula, QSPA South Pole Qui, IDC 23 21:18:11.4, NEIC 23 21:18:14.4, ISC 23 21:18:15.7, HATHI Halema'uma'u T, BYL Byron's Ledge, UWE Uwekahuna, RSD Rainshed, PUH Pauhau, KNHH Kane Nui o Ham, HLP Hilina Pali, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, STCH Steam Cracks, STCH Steam Cracks, STCH Steam Cracks, JOKA Jonika Flow, JOKA Jonika Flow, HMM Humu'ula Sheep, HMM Humu'ula Sheep, MLOA Mauna Loa Obse, MLOA Mauna Loa, MWH Moku'aweowe, MWH Moku'aweowe, PAH Pahoa, KHU Kahuiku, POHA Pohakuloa, POHA Pohakuloa, POHA Pohakuloa, HPO Honuapou, HUH Hualalai, HUH Hualalai, IS9U Hawaii Infraso, HPAH Hawaii Prepara, HPAH Hawaii Prepara, MHA Mahukona, PDAR Pinedale Array, ILAR Eielson Array, TXAR Lajitas Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GILN Gilan-e-Gharb, KGS1 Ghasr-e-Shirin, IGHG Galeghazi, IDHR Dehrahsh, ILIN Lien, IBDR Badra, IBDR Badra, IBDR Badra, SNQR Songor, Kerman, IKFM Kafar-mosalman, BHD Baghdad, BHD Baghdad, BHD Baghdad, IKRK Kirkuk, IKRK Kirkuk, IKRK Kirkuk, IDOB Doab, SDS1 Sardasht, Az, HSAM Samen, MAHB Mahabad, RAFI Al-Rafai, IHSB Hashtrud, IAZR Azarshahr, AHWZ Ahwaz, ISRB Sarab, IHRZ Fabriz, IRRS Hursat, JHBN Jahan bin, ZNGN Zangian, GAS1 Astara - Iran, KLST Keelardasht - M, KLH Kahriz, IVRN Varamin, KRSH Karshahi, IDMV Damavand, GURO Guromyak-BITLI, IZEF Zefreh, IZEF Zefreh, GNI Garni, GNI Garni, GNI Garni, GNI Garni, ANAR Anarak, KAZZ Kazeron-Fars-I, GAZ Gaziantep, ARPH Arapgir-MALATY, ASF Jabal al Asfar, ASF Jabal al Asfar, ONI Oni, ONI Oni, NATI Neve Ativ, NATI Neve Ativ, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, SHMJ Saham, TPRV Parvadeh(Tabas), MIMAO Mount Meron Ar, MIMAI Mount Meron Ar, MIMAI Mount Meron Ar, MIMAI Mount Meron Ar, DSI Dead Sea, OFRI Ofer, OFRI Ofer, SLTI Salit, SLTI Salit, MSBI Mazada, MSBI Mazada, YTHR Yattir, YTHR Yattir, HSJN Hsajin, KBZ Khabaz, SHA1 Shidzhatmaz, ZFRI Zfiri, ZFRI Zfiri, KVAR Kislovodsk Arr, KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, PRNI Paran, GEYT Alibeck, GEYT Alibeck, GMYT Geyser, GYA0B ALIBECK ARRAY, SOCC Sobchi, SOCC Sobchi, EIL Elat, EIL Elat, EIL Elat, RAYN Ar Rayn, RAYN Ar Rayn, BRTR Keskin Array B, BRTR Keskin Array B, SHME Sham, SHME Sham, SHME Sham, BANOM Banah, AJN Ajan, AJN Ajan, NAZ Nazwa, Dubai, NAZ Nazwa, Dubai, MASF Masafi, MASF Masafi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKL Tuckaleechee C, WVT Waves, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MANU Manus Island, WBO Warramunga Arr, WRA Warramunga Arr, etc.

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

IDC 23 22:11:05.8-5.7, 3.83S, 149.87E, h0km, mb3.9/2, mbmt4.0/2, Error ellipse: s-maj=259.1km s-min=49.8km az=112.0, Bismarck Sea

IDC 23 22:17:44.0-0.4, 3.82N, 100.04E, 126.66E, 0.07, h10km, n89, s=161/83, mb4.5/38, MS3.9/12.2D, Talau Islands

IDC 23 22:17:43.8-0.0, 3.82N, 126.68E, h12km, mb4.4/21, mb4.9/10, Ms4.2/7, Ms7.4/0/8, NEIC 23 22:17:47.4-1.5, 3.87N, 0.08E, 126.74E, 0.08, h27km, 5km, mb4.5/38, Error ellipse: s-maj=13.6km s-min=9.6km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLV, RUDO, NVR, LSTV, CUC, GUR, BBLs, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, MTP3, etc.

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

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

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

24d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Rows include PB15, AF01, PB05, PATCX, TA01, HMBC, PB10, TA02, PB11, GO01, PB12, GO02, AC04, TR0A, VAO, BDFB, SNA, QSPA, TOA0, TOR, etc.

IDC 24 00:12:31.3-0.7, 12.96S, 45.63E, h0km, mb3.8/17, mbmp3.8/18, ML4.3/2, MS3.6/32, Error ellipse: s-maj=24.4km s-min=17.8km az=100.0

NEIC 24 00:12:32.7-1.9, 12.98S, 0.05-45.63E, 0.10, h10km, 1km, mb4.4/14, Error ellipse: s-maj=16.9km s-min=7.4km az=292.0

ISC 24 00:12:32.2-0.5, 13.03S, 0.06-45.63E, 0.07, h10km, n81, 6140/60, mb4.0/22, MS3.6/30, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Rows include OPO, ABPO, VOI, RER, MREY, KIBK, CHIPN, KRI, MOPA, LSZ, MUSN, MATP, LODK, POGA, LBTB, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Rows include LBTB, BOSA, BOSA, WSAR, PALK, TOR, GEYT, BNN, GNI, BRTR, DBIC, ONI, MAW, KBZ, PUK, KK31, KAKR, BURAR, ABKAR, AKTO, AKTO, AKAS, BELG, MDT, VRAC, PZH, DAVOX, MKAR, MKAR, BVAR, KURB, ARU, ARU, KIRV, ZALV, FINES, QSPA, QSPA, HFS, NOA, NOA, EKA, HHC, HHC, SONM, Vnda, ASAR, ASAR, WRA, BDFB, KRSR, JNU, CPUP, KLR, PDAR, TXAR, etc.

IDC 24 00:28:45.8-12.0, 19.05N, 155.33W, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=265.5km s-min=21.0km az=26.0

NEIC 24 00:28:45.9-1.1, 19.390N, 0.007-155.275W, 0.009, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.3km az=150.0

HVO 24 00:28:45.7-0.7, 19.397N, 0.008-155.277W, 0.006, h1km, 2km, ML3.7/34, ML3.1/32(NEIC), Error ellipse: s-maj=1.1km s-min=0.7km az=193.0

ISC 24 00:28:47.9-0.9, 19.400N, 0.04-155.27W, 0.03, h10km, n31, 2477/31, mb3.4/3, Hawaiian Islands

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Rows include OBL, SDHH, UWB, HATHI, WRHM, SBLH, UWE, PUH, PUH, RSD, RSD, KNHH, HLP, HLP, MLH, MLH, STCH, STCH, HTC, JOKA, JOKA, HMM, HMM, MLOA, MLOA, MLOA, MWH, PAH, KHU, HPO, POHA, POHA, HUH, HUH, ISUS, HPAH, PDAR, ILAR, TXAR, etc.

ATH 24 00:39:29.6, 37.50N, 21.98E, h10km, 1km, ML3.7/25, Manual Solution by M.Kolligri This location: 2020/06/03 09:10:47 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 24 00:39:29.8, 37.50N, 21.98E, h2km, 1km, ML3.7/24, Error ellipse: s-maj=1.3km s-min=0.6km az=237.0

NEIC 24 00:39:30.8, 1.9, 37.46N, 0.02-21.85E, 0.08, h16km, 6km, mb4.3/12, Error ellipse: s-maj=9.1km s-min=4.7km az=73.0

IDC 24 00:39:32.5, 2.0, 37.50N, 21.96E, h38km, 20km, mb3.6/12, mbmp3.7/19, ML3.4/6, MS3.5/3, Error ellipse: s-maj=16.7km s-min=14.7km az=28.0

NAO 24 00:39:44.7, 39.21N, 24.42E, h33km, mb3.3, ISC 24 00:39:29.1-0.9, 37.52N, 0.02-21.98E, 0.02, h10km, 6km, n189, 1825/240, mb3.9/17, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Rows include ITM, ITM, ITM, ITM, GUR, GUR, GUR, KLV, KLV, KLV, PYL, PYL, RLS, RLS, RLS, ALIK, ALIK, UPR, UPR, KALE, KALE, KALE, WRA, BDFB, KRSR, JNU, CPUP, KLR, PDAR, TXAR, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like VILL, VLS, VLS, AXAR, AXAR, AXAR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SOKA, SABO, SOKA, SOKA, SOKA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HRA, ULHL, CHMS, CHMS, CHMS, etc.

Table with columns: ARU, NACK, KBZ, KVAR, KIV, RAYN, SONM, ULN, CMAR, AKASG, NRIK, NACGM, WHN, FINES, ZEA, HEH, HFS, NB2, NOA, NOA, YAK, YAK, YAK, KSRs, KLR, TIXI, TIXI, LDK, SPITS, BILL, TOAO, TOAO, C19K, D19K, IMAR, INK, INK, LBTB, LBTB, COLA, CAST, ILAR, BCAR, BOSA, BOSA, YKA, YKA, P33M, WRA, WRA

Table with columns: WB2, AS31, ASAR, GSPA, IDC, NEIC, ISC, GUMO, GUMO, JCJ, JCJ, JUNU, MJAR, MAJO, MAJO, KSRs, WB0, WB0, WRA, WRA, AS31, AS31, ASAR, ASAR, DZM, DZM, MKAR, MKAR, KURBB, KURBB, BVAR, BVAR

DJA 24 00:55:08.1.1.5, 0°S, 4°9'E, h23km, gkm, M3.9/6, mb4.5/2, MLV3.6/6, Southwest of Sumatra

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

IDC 24 01:13:50.8.1.1.67, 11N, 21.00E, h0km, mbtmp2.5/3, ML1.1, Q3, Error ellipse: s-maj=16.6km s-min=8.6km

UPP 24 01:13:50.5.0.0.67, 20N, 20.68E, h0km, ML2.2, Confirmed Induced event

HEL 24 01:13:50.4.0.2.67, 18N, 20.58E, h0km, ML1.5, Suspected explosion

ISC 24 01:13:49.47.0.7, 67.20N, 0.02, 20.85E, 0.02, h0km, n39, c1929/62, Sweden

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

Table with columns: YAF, HEMU, FINES, FINES, FINES, NOA, NOA, NOA

ISK 24 01:15:38.9.1.0.41, 82N, 42.31E, h5km, ML3.1/16

MOS 24 01:15:38.7.41, 97N, 42.19E, h9km, MPVA4.1

TIF 24 01:15:38.5.41, 86N, 42.29E, h13km

NORS 24 01:15:39.5.41, 96N, 42.49E, h2km, MPVA4.2

NSSP 24 01:15:39.5.41, 78N, 42.35E, h10km, Ms3.3

AFAD 24 01:15:39.6.0.41, 77N, 42.21E, h6km, 3km, ML3.4

CFUSG 24 01:15:39.0.42, 00N, 42.06E, h10km, mb2.3/1, Georgia

Magtype MSH 3.3 from 1 stations

ISC 24 01:15:38.9.1.0.41, 85N, 01, 42.28E, 0.01, h7km, 8km, n139, c1937/232, 9C-10D, Turkey-Georgia-Armenia border region

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

comp=N, 2um, 0.5s

comp=N, 5um, 0.3s

comp=E, 634nm, 0.5s

comp=E, 501nm, 0.7s

comp=Z, 6.0nm, 0.6s

comp=Z, 1.1nm, 0.8s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

comp=Z, 1.1nm, 1.4s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARUZ, AMBZ, VNNZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMNI, GUDG, LACR, etc.

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

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

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GRNC	Granite Creek	42.36	10	P	P	02 42 31.9	-0.1
L15K	Ungalak Mounta	42.43	356	P	P	02 42 33.0	+0.8
M19K	Big Rivr Lodg	42.44	1	I Amb	I Amb	02 42 47.1	
M19K	Big River Lodg	42.44	1	P	P	02 42 33.3	+1.0
M20K	Styx River	42.44	2	P	P	02 42 33.6	+1.1
SKAG	Skagway	42.49	15	P	P	02 42 33.2	+0.4
KLU	Klutina	42.53	7	P	P	02 42 33.0	-0.2
O29M	Mount Kennedy	42.53	12	P	P	02 42 33.2	-0.1
SKT	Skwentna	42.59	3	P	P	02 42 33.4	-0.2
SML	Sawmill	42.62	5	P	P	02 42 34.5	+0.7
CTG	Chitna Glacier	42.65	10	P	P	02 42 35.0	+0.8
M23K	Glacier View	42.65	5	P	P	02 42 34.5	+0.4
O28M	Mount Upton	42.66	11	P	P	02 42 34.4	-0.2
P30M	Million Dollar	42.71	13	P	P	02 42 35.6	+1.0
L19K	White Mountain	42.71	0	P	P	02 42 35.5	+0.8
L17K	Donlin	42.72	358	P	P	02 42 34.8	+0.2
SCM	Sheep Creek Mo	42.73	6	P	P	02 42 35.2	+0.4
L18K	Granite Mounta	42.76	359	P	P	02 42 34.9	0.0
MCARA	McCarthy VSAT	42.79	9	P	P	02 42 35.2	-0.1
N25K	Chitna, Valde	42.80	7	P	P	02 42 34.8	-0.6
Q32M	Nakina River	42.87	17	P	P	02 42 35.1	-1.0
TBI	Tubuai	42.90	172	eS	S	02 49 01.9	+0.3
TBI	comp=Z,9um,29.0s			eLR	LR	02 54 15.7	
TBI	comp=Z,9um,29.0s			eLR	LR	02 54 17.7	
K13K	Kusilvak Mount	42.97	354	P	P	02 42 36.7	+0.1
P32M	Atlin	43.01	16	P	P	02 42 36.1	-1.0
W18A	Petrified Fore	43.01	59	P	P	02 42 35.5	-2.1
L20K	Farewell, AK	43.02	1	P	P	02 42 37.0	-0.1
K15K	Wolf Creek Mo	43.04	356	P	P	02 42 36.6	-0.6
CUT	Chitlina	43.08	3	P	P	02 42 37.6	+0.1
DLBC	Dease Lake	43.10	19	P	P	02 42 36.7	-1.1
DLBC	Dease Lake	43.10	19	LR	LR	02 56 41.6	
M24K	Tolsona, Glenn	43.11	6	P	P	02 42 37.2	-0.7
YUK6	Outpost Mounta	43.16	12	P	P	02 42 37.8	-0.7
YUK8	Steele Glacier	43.22	11	P	P	02 42 38.3	-0.7
HYT	Haines Junctio	43.23	13	P	P	02 42 38.2	-0.7
K17K	Iditarod	43.30	358	P	P	02 42 38.1	-1.2
M50	Missoula	43.37	41	P	P	02 42 39.1	-1.2
WAT6	Susitna Watana	43.43	5	P	P	02 42 40.3	-0.2
PPLA	Purkeypile	43.48	2	P	P	02 42 40.5	-0.4
YUK4	Talbot Arm	43.48	12	P	P	02 42 41.7	+0.6
O30N	Mendenhall	43.48	14	P	P	02 42 40.3	-0.5
HARP	HAARP	43.50	7	P	P	02 42 40.8	-0.2
YUK3	Moose Creek	43.56	10	P	P	02 42 41.7	0.0
R33M	Jennings River	43.60	18	P	P	02 42 42.0	0.0
WAT1	Susitna Watana	43.61	4	P	P	02 42 41.5	-0.3
J14K	Narvanarak Lak	43.66	354	P	P	02 42 41.3	-0.8
WHY	Whitehorse	43.66	14	P	P	02 42 42.3	-0.1
M26K	Nabesna, AK	43.77	8	I Amb	I Amb	02 42 49.3	
M26K	Nabesna, AK	43.77	8	P	P	02 42 43.3	+0.1
P33M	Teslin, Yukon	43.78	16	P	P	02 42 43.6	+0.3
M27K	Edge Creek, AK	43.89	9	I Amb	I Amb	02 42 50.1	
M27K	Edge Creek, AK	43.89	9	P	P	02 42 44.2	0.0
N30M	Aishkik Lake	43.89	12	P	P	02 42 44.2	0.0
K20K	Telida	43.90	1	P	P	02 42 43.7	-0.4
DHY	Denali Highway	43.95	5	P	P	02 42 44.8	+0.1
J16K	Anvik River	43.97	357	P	P	02 42 45.6	+0.9
CAST	Castle Rocks	44.01	2	P	P	02 42 46.9	+1.9
CAST	Castle Rocks	44.01	2	P	P	02 42 45.0	0.0
J17K	VABM Dome	44.01	358	P	P	02 42 45.3	+0.3
J18K	Innoko River	44.01	359	P	P	02 42 45.3	+0.3
PAX	Paxson	44.02	6	P	P	02 42 45.5	+0.3
BVCY	Beaver Creek	44.10	10	P	P	02 42 46.0	+0.2
N31M	Graeburn, Yuko	44.19	13	P	P	02 42 46.7	+0.1
121A	Cookes Peak, D	44.31	63	P	P	02 42 46.8	-1.3
L26K	Log Cabin Wild	44.33	8	P	P	02 42 48.2	+0.6
MVCO	Mesa Verde	44.35	56	P	P	02 42 47.0	-1.4
BOZ	Bozeman (W)	44.37	44	P	P	02 42 48.3	0.0
CHUM	Lake Minchumin	44.47	2	P	P	02 42 48.4	-0.3
MCK	McKinley	44.48	4	P	P	02 42 48.3	-0.5
N32M	Quiet Lake	44.52	15	P	P	02 42 49.0	-0.2
M29M	Somme Creek	44.53	11	I Amb	I Amb	02 42 58.0	
M29M	Somme Creek	44.53	11	P	P	02 42 49.1	-0.2
J19K	Poorman	44.53	360	P	P	02 42 51.5	+2.3
J19K	comp=Z,12m,1.6s			I Amb	I Amb	02 43 04.0	
J19K	Poorman	44.53	360	P	P	02 42 49.6	+0.4
L27K	Beaver Creek,	44.57	9	P	P	02 42 49.2	-0.4
I17K	Unalakleet	44.58	357	P	P	02 42 50.4	+0.9
BCAR	Beaver Creek A	44.58	9	P	P	02 42 51.1	+1.4
J20K	Nowinta River	44.72	1	P	P	02 42 51.1	+0.4
BPAW	Bear Paw Mtn.	44.73	3	I Amb	I Amb	02 43 03.4	
BPAW	Bear Paw Mtn.	44.73	3	P	P	02 42 50.5	-0.3
K24K	Donnelly Dome	44.81	6	P	P	02 42 52.1	+0.7
BW06	Boulder Array	44.85	48	P	P	02 42 51.6	-0.8
PDAR	Pinedale Array	44.85	48	P	P	02 42 53.1	+0.7

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M30M	Minto, Yukon	44.97	12	I Amb	I Amb	02 43 02.8	
M30M	Minto, Yukon	44.97	12	P	P	02 42 53.6	+0.8
TOAD	Toad River Com	45.00	22	P	P	02 42 53.0	0.0
O20A	White River Ci	45.14	52	P	P	02 42 53.3	-1.3
SCRK	Sand Creek	45.17	7	P	P	02 42 54.6	+0.2
Y22D	IRIS PASCAL I	45.18	61	P	P	02 42 54.3	-1.6
L29M	L29	45.20	11	P	P	02 42 54.7	0.0
HDA	Harding Lake	45.30	5	I Amb	I Amb	02 43 02.6	
HDA	Harding Lake	45.30	5	P	P	02 42 55.7	+0.4
GCSA	Galena City Sc	45.30	359	P	P	02 42 55.3	0.0
NEA2	Nenana	45.33	4	P	P	02 42 55.5	0.0
I20K	Naaghdeneel	45.34	0	P	P	02 42 55.7	+0.1
H16K	Elim	45.42	356	P	P	02 42 57.1	+0.8
K27K	Chicken	45.46	8	P	P	02 42 56.2	-0.3
H17K	Granite Mounta	45.58	357	P	P	02 42 57.5	0.0
ANM	Nome	45.61	354	P	P	02 42 57.6	-0.2
J25K	Salcha River,	45.64	6	I Amb	I Amb	02 43 07.2	
J25K	Salcha River,	45.64	6	P	P	02 42 58.1	0.0
ANMO	Albuquerque	45.65	60	P	P	02 42 59.0	+0.2
ANMO	Albuquerque	45.65	60	P	P	02 42 57.6	-1.2
ANMO	Albuquerque	45.65	60	LR	LR	02 59 59.7	
IL31	comp=Z,180nm,19.0s	45.66	5	I Amb	I Amb	02 43 11.5	
ILAR	comp=Z,13nm,1.4s	45.66	5	P	P	02 42 58.1	0.0
ILAR	Eielson Array	45.66	5	P	P	02 42 58.2	+0.1
ILAR	comp=Z,2.3nm,1.1s	45.66	5	LR	LR	02 59 02.7	
MLY	Manley	45.67	3	I Amb	I Amb	02 43 02.2	
MLY	Manley	45.67	3	P	P	02 42 58.9	+0.6
COLA	College	45.69	4	P	P	02 42 58.4	+0.1
GAMB	Gambell	45.70	350	P	P	02 42 57.6	-0.8
J26L	Joseph Creek	45.73	7	P	P	02 42 58.7	-0.1
J26L	Joseph Creek	45.73	7	I Amb	I Amb	02 43 02.5	
J26L	Joseph Creek	45.73	7	P	P	02 42 58.6	-0.2
H18K	Honoha River	45.74	358	P	P	02 42 59.3	+0.5
MDM	Murphy Dome	45.74	4	P	P	02 42 59.1	+0.3
S22A	4JR Ranch, Cre	45.75	56	P	P	02 43 00.4	+0.7
S22A	4JR Ranch, Cre	45.75	56	P	P	02 42 58.4	-1.3
RLMT	Red Lodge	45.75	45	P	P	02 42 59.2	-0.4
I23K	Minto, Yukon-K	45.86	3	P	P	02 43 00.3	+0.6
I23K	Minto, Yukon-K	45.86	3	P	P	02 43 00.1	+0.4
DAWY	Dawson	45.88	10	I Amb	I Amb	02 43 07.8	
DAWY	Dawson	45.88	10	P	P	02 43 00.7	+0.7
G15K	Niukuk	45.91	355	P	P	02 43 00.5	+0.4
P0KR	Poker Plat Res	45.96	5	P	P	02 43 00.1	-0.5
P28K	Barlow Dome	45.99	11	P	P	02 43 00.5	-0.4
H20K	Anotleneega Mo	46.04	0	P	P	02 43 01.9	+0.8
H19K	Ngudabout Mou	46.08	359	P	P	02 43 02.0	+0.6
G16K	Koyuk River	46.18	356	P	P	02 43 02.9	+0.7
G17K	Kwialik Mounta	46.18	357	P	P	02 43 03.1	+0.9
H21K	Melozitna Rive	46.23	1	P	P	02 43 02.9	+0.2
MNTX	Cornudas Mount	46.28	64	P	P	02 43 02.7	-1.0
EGAK	Eagle	46.29	8	I Amb	I Amb	02 43 13.0	
EGAK	Eagle	46.29	8	P	P	02 43 03.6	+0.5
J29K	Klonidke Camp	46.43	10	P	P	02 43 04.7	+0.7
EGMT	Eagleton	46.45	41	P	P	02 43 05.0	+0.2
G18K	Tagawik	46.49	358	P	P	02 43 05.3	+0.6
H22K	Ishlailitna Cre	46.51	2	P	P	02 43 05.0	+1.1
PRP	Porcupine Dome	46.51	6	I Amb	I Amb	02 43 12.5	
PRP	Porcupine Dome	46.51	6	P	P	02 43 05.3	+0.3
H23K	Yukon River	46.52	3	P	P	02 43 05.2	+0.2
I26K	Coal Creek Min	46.55	7	P	P	02 43 05.5	+0.3
F14K	Arctic Creek	46.60	354	P	P	02 43 05.4	-0.1
H24K	Noodor Dome	46.64	4	I Amb	I Amb	02 43 20.1	
H24K	Noodor Dome	46.64	4	P	P	02 43 06.1	+0.2
F15K	North Star Dit	46.66	355	P	P	02 43 06.3	+0.2
G19K	Purcell Mounta	46.70	359	P	P	02 43 06.7	+0.3
SDCO	Great Sand Dun	46.79	56	P	P	02 43 06.2	-1.7
TNA	Tin City	46.86	353	P	P	02 43 08.0	+0.5
J30M	Hart River	46.87	11	I Amb	I Amb	02 43 13.4	
J30M	Hart River	46.87	11	P	P	02 43 07.6	-0.3
K22A	Casper	46.98	49	P	P	02 43 08.3	-0.8
N23A	Red Feather La	47.01	52	P	P	02 43 08.3	-1.2
I27K	Kandik River	47.02	8	P	P	02 43 08.7	-0.2
G21K	Allakaket	47.08	1	P	P	02 43 09.2	-0.1
I28M	Miner Creek	47.10	9	I Amb	I Amb	02 43 20.0	
I28M	Miner Creek	47.10	9	P	P	02 43 10.0	+0.4
F17K	Baldwin Pennin	47.15	357	P	P	02 43 09.9	+0.2
H25L	Birch Creek	47.22	5	P	P	02 43 09.5	-0.9
F18K	Selawik	47.23	358	P	P	02 43 10.0	-0.4
Q24A	Divide	47.26	55	P	P	02 43 11.0	-0.5
I29M	Ogilvie Camp,	47.26	10	P	P	02 43 10.8	0.0
G23K	Bananza Creek	47.38	3	I Amb	I Amb	02 43 16.1	
G23K	Bananza Creek	47.38	3	P	P	02 43 11.9	+0.2
F19K	Shalericuk Mo	47.41	359	I Amb	I Amb	02 43 20.2	
F19K	Shalericuk Mo	47.41	359	P	P	02 43 13.0	+1.2
I30M	Mount Dempster	47.46	11	I Amb	I Amb	02 43 19.9	
I30M	Mount Dempster	47.46	11	P	P	02 43 13.3	+0.9

24d 2h

G24K	Hadweenciz Riv	47.52	4	P	P	02 43 12.9	+0.2
G22K	Bettes	47.53	2	P	P	02 43	

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

NEIC 24 02:59:09.5,3.0,5.90S:0.08x151.6E:0.1, h10km, 1km, mb4.3/13, Error ellipse: s-maj=22.2km s-min=5.0km

az=127.0, IDC 24 02:59:11.4,0.8,5.78S:151.45E, h52km, 52km, mb3.5/6, mbtmp3.9/7, ML2.0/1, Error ellipse: s-maj=58.0km

s-min=20.7km, n28, ISC 24 02:59:11.4,0.8,5.90S:0.08x151.6E:0.1, h35km, n28, s190/30, mb4.0/14, 1D, New Britain region

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

IDC 24 03:17:53.1,0.8,15.04S:66.80E, h0km, mb3.8/10, mbtmp3.8/10, MS3.7/22, Error ellipse: s-maj=28.8km

s-min=22.0km, n28, ISC 24 03:17:55.6,0.8,15.05S:0.2x66.8E:0.2, h16km, n37, s067/12, mb3.9/11, MS3.7/21, Mid-Indian Ridge

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

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

IDC 24 03:25:42.6,0.6,4.36S:141.84E, h0km, mb3.9/11, mbtmp4.1/13, ML2.3/1, MS3.3/3, Error ellipse: s-maj=27.3km s-min=18.0km az=54.0

DJA 24 03:25:50.5,0.3,4.5S:174.1E, h82km, 18km, M4.7/6, mb5.2/1, mb4.5/6, MLV.4/7, Mw(MB)4.5/1

NEIC 24 03:25:52.0,2.8,4.68S:0.06x141.20E:0.09, h35km, 2km, mb4.3/19, Error ellipse: s-maj=15.9km s-min=10.4km

az=257.0, ISC 24 03:25:50.7,0.6,4.62S:0.05x141.29E:0.06, h35km, n53, s221/55, mb4.1/15, New Guinea

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

IDC 24 03:29:12.2,0.8,15.04S:66.80E, h0km, mb3.8/10, mbtmp3.8/10, MS3.7/22, Error ellipse: s-maj=28.8km

s-min=22.0km, n28, ISC 24 03:29:14.8,0.8,15.05S:0.2x66.8E:0.2, h16km, n37, s067/12, mb3.9/11, MS3.7/21, Mid-Indian Ridge

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

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

BGR 24 03:31:39.3,2.9,23.92S:179.26E, h33km, NOU 24 03:31:39.3,2.9,24.00S:179.102W, h512km, mb4.6/27, South of Fiji Islands

IDC 24 03:32:31.8,1.8,24.26S:179.97W, h496km, 18km, mb3.7/17, mbtmp4.5/18, Error ellipse: s-maj=15.3km

s-min=12.9km az=110.0, NEIC 24 03:32:34.3,1.4,24.25S:0.1x180.0E:0.1, h522km, 7km, mb4.4/137, Error ellipse: s-maj=16.1km s-min=14.6km

az=136.0, ISC 24 03:32:32.1,0.3,24.24S:0.05x179.99W:0.06, h500km, n485, s180/247, mb4.4/91, SC-22, South of Fiji Islands

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

IDC 24 03:33:12.2,0.8,15.04S:66.80E, h0km, mb3.8/10, mbtmp3.8/10, MS3.7/22, Error ellipse: s-maj=28.8km

s-min=22.0km, n28, ISC 24 03:33:14.8,0.8,15.05S:0.2x66.8E:0.2, h16km, n37, s067/12, mb3.9/11, MS3.7/21, Mid-Indian Ridge

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

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Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like QSPA, KSM, MJAR, GSTR, BELA, MAW, NIKH, KRSR, UNV, PEAOB, PEAOB, PETK, P08K, S12K, SC2Z, SBC, PKM, S14K, CHGN, 109C, ARVC, ELIB, SC2Z, VES, BFSC, MONP2, EDW2, IKP, ISA, ISA, O02D, SII, PFO, TPFO, CMB, SWSC, AFDM, ORV, BELC, CWC, TROLL, MDPB, BC3, GSC, GSC, HEC, OHAK, OHAK, GLA, GLA, R18K, WAKR, SNA, SNA, SNA, VNA3, PNTR, DSP, Q17K, GMRC, IRM, GRMO, HUMO, O15K, FURC, TUQ, BLYC, SHOC, Q16K, KDAK, KDAK, KDAK, HSG, HSG, P16K, VNA2, NVAR, NVAR.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like GMM, 214A, PAHR, NV11, WCT, N14K, NEE2, P17K, PDMO, O16K, TPNV, KVN, N15K, Q20K, Q19K, P18K, O17K, SHPR, M14K, LL02, W13A, M15K, J05D, N16K, S11A, O18K, P19K, PINE, M16K, R11B, TUC, TUC, K13K, HOM, BMN, N18K, L15K, O20K, BRSE, WVOR, F04A, L16K, N19K, M17K, 319A, K15K, K15K, Q12A, M18K, J14K, SEW, G06A, KNB, J08A, L17K, U15A, GNV, GNV, LON, LON, P23K, L18K, D05A, ELK, M19K, K17K, L19K, X18A, RC01, RC01, M20K, F07A, F07A, J16K, SUA, G08A, MTPU, KAIM, J17K, L20K, SKT, W18A, GLI, GLI, XAN.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like XAN, E07A, FID, EYAK, M22K, 121A, HAWA, PMR, PMR, ANM, H77K, GHO, J18K, J18K, V35K, U33K, BMO, MFD, SML, DIV, DIV, DUG, PPLA, BMRM, CMAR, S31K, H16K, K20K, SCM, KLU, G15K, S32K, WRAP, Q16A, TNA, J19K, PNL, F10A, PINM, CAST, CAST, VRED, N25K, MPU, WAT6, PLID, VHRN, B08A, HLID, HLID, G16K, HVU, MCARA, MCARA, J20K, SRU, KTH, KTH, CTU, CTU, P17A, CHUM, CTG, TXAR, H18K, O28M, HHC, HHC, DHY, PZH, PZH, P18A, P18A, TCUT, BPAW, I20K, BSUT, MCK, HWUT, ALPN, ALPN, P30M, SKAG, ANMO, PV12.

24d 4h

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like CNCH Conchagua, ALLN Teicor Managua, USIM UNAN, TISN Laguna Tiscapa, ENAN Enater Managu, LCND La Caada, MG1A Managua, MAFN Magfor, BRAN Las Pilas, WILN Americas 2, AERN Aeropuerto Man, MAS3 Al N del Volca, RB213 Mirador 2 Volc, MASN Masaya, LIMN Finca el Limon, SBEN San Benito, CNRM Centro Naciona, CNRM Bellamira, RANC El Ranchito, PACA Pacayal, TECA Tacapa, BOAB BOACO BROADBAN, TECO Alcadia de Te, YUSH Yuscaran, TGUH Tegucigalpa, UESV Universidad de, SCLA Alcadia de Sa, SCLA Alcadia de Sa, SCLA Centro de Oper, PAVA Las Pavas, LFRS El Fardo, LOMA Loma Larga, UDBS Universidad Do, IGN Direccin Gen, UTEC Universidad Te, UEES Universidad Ev, ITCA Escuela Especi, PIC2 El Picacho, PMON Piamento, QUEZ Alcadia de Qu, JAYA Jajaque - finc, JAYA Jajaque - finc, LLGN La Laguna, CEVE Cerro Verde.

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Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like SNJE San Jose, UNIC Universidad Ca, NUBE Las Nubes, MTO3 Montecristo, SLOZ Alcadia de Sa, LCR2 La Lucha 2, THE 24 03:48:27.7,41.50N, 20:08E, h0km, 7km, ML2.1/4, Error ellipse: s-maj=8.6km s-min=1.3km az=357.0, TIR Tirane, PUK Puka, PUK Korca, BCI Bajram Curri, DRME Dracevica, Mon, KBN Korca, VLO Vlor, PDG Podgorica, PDG Podgorica, PDG Podgorica, PDG Podgorica, PUV Play, PUV Play, PUV Play, BUM Brajici-Budva, SKO Skopje, FNA Florina, FNA Florina, FNA Florina, FNA Florina, NEST Nestorio, LSK Leskovik, LSK Leskovik, CEME Cevo, BEY Berane, BEY Berane, KOME Kolasin, KOME Kolasin, HCY Herceg Novi, HCY Herceg Novi, SRN Sarande, SRN Sarande, NKME Niksic, NKME Niksic, STIP Stip, STIP Stip, TREB Trebinje, BRY Bratogost, BRY Bratogost, SJSJ Sjenica, SJSJ Sjenica, DBRK Dubrovnik, PRVS Prvonek, PRVS Prvonek, IGT Igoumenitsa, IGT Igoumenitsa, BARS Barje, BARS Barje, BARS Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, PLE Pljevlja, STON Ston, STON Ston, RUDO Rudo.

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Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like BBLS Lazi#2631, BBLS Lazi#2631, DIVS Livostare, LSTV Dabrovo, TRUS Trudelj, MAKA Makarska, RICJ Ricice, TEKS Tekeri, TEKS Tekeri, KUBS Kucevo, SRKY Kupres RS, MGRS Mrkonjic Grad, KUV Ključ, FRGS Fruska Gora, ZIRJ Zirje, A050A Klekavaca, MORI Morici, A051A Mrakovica, DUGI Dugi Otok, VIRV Vir, NVLJ Novalja, NVLJ Novalja, CRES Cresnjev, BRUN Brijuni, CEY Cetina, CRVS Cervenica-Dubn, KOLS Kolonice sedl, IDC 24 04:20:28.1, 1.8, 11.61N, 93.96E, h0km, mb3.4/4, mbmt3.5/5, ML4.1/1, Error ellipse: s-maj=66.3km s-min=23.9km az=65.0, Andaman Islands region, CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, MKAR Makanchi Array, KURBB Kuruchov Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, IDC 24 04:29:50.2, 2.2, 21.17S, 179.45W, h623km, 25km, mb3.2/1, mbmp4.1/12, Error ellipse: s-maj=25.9km s-min=14.4km az=150.0, NEIC 24 05:20.2, 2.3, 21.4S, 0.2, 179.2W, 0.1, h610km, 8km, mb4.5/20, Error ellipse: s-maj=28.5km s-min=10.9km az=151.0, ISC 24 04:29:49.0, 6.2, 13S, 0.1, 179.3W, 0.1, h600km, n54, r1913/53, mb4.4/22, Fiji Islands region, Code Station Name, Az, Phase ID, Time Res, h m s ISC.

Table with columns: Code, Station Name, Az, Alt, P, Op, Phase ID, Time, Res. Includes entries like PDAR Pinedale Array, KURBB Kurchatov Array, BVAR Borovoye Array, etc.

SJA 24 05:01:47.7-0.8, 24:17S:67:04W, h220km, 5km, MLS.0, MW4.7

NEIC 24 05:01:48.1-2.3, 24:23S:0:06:66:88W, 0.9, h170km, 6km, mb5.1/100, Mw=8.24, Mw=7.7(GUC), Error ellipse: s-maj=11.4km s-min=9.0km az=83.0

NEIC 24 05:01:48.2, 24:04S:66:99W, h170km, Moment Tensor Solution. Duration: 1s3 Moment tensor: Scale 10^16Nm; Mn: 0.15; Mxx:-1.27; Myy:1.2; Mzz:-0.88; Mxy:0.73; Myz:-1.24; Mxz:0.239, 69000, 883, 20000, 43, 11000. NP2: 0.143, 37000, 847, 27000, 170, 73000. Principal axes: T: 2.3041, Plg3.04000, Azm111.0000; N: -0.6038, Plg4.0000; Azm247.0000; P: -1.7003, Plg23.0000; Azm4.0000

NEIC 24 05:01:48.2, 24:24S:66:88W, h170km, IDC 24 05:01:48.7, 24:07S:66:79W, h178km, 6km, mb4.5/15, mbtmp5.0/22, MS3.5/7, Error ellipse: s-maj=10.6km s-min=8.1km az=50.0

VAO 24 05:01:49.5, 0.3, 24:10S:66:90W, h185km, mb5.1 GUC 24 05:01:50.7, 0.8, 24:18S:67:21W, h207km, 1km, MLS.2

ISC 24 05:01:49.1, 0.5, 24:14S:0:03:67:02W, 0.04, h183km, 4km, m572, 01948/596, mb5.1/65, 14C-4D, Chile-Argentina

border region

Main table with columns: Code, Station Name, Az, Alt, P, Op, Phase ID, Time, Res. Lists various seismic stations and their characteristics.

Main table with columns: Code, Station Name, Az, Alt, P, Op, Phase ID, Time, Res. Lists various seismic stations and their characteristics.

Main table with columns: Code, Station Name, Az, Alt, P, Op, Phase ID, Time, Res. Lists various seismic stations and their characteristics.

24d 5h

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like WHTX, WVT, WWT, MIAR, TXAR, ABTX, MCWV, WCI, WCI, MNHN, P52A, PAL, SSPA, SN05, O53A, ODSA, P49A, U38A, U38A, VHRN, VHRN, TUL3, ACSO, WMOK, CCM, CCM, CCM, QSPA, QSPA, Q48B, HRV, L61B, M53A, BINY, MNTX, P43A, P43A, SFIN, ERPA, MSTX, AMTX, U32A, U32A, HDIL, DBIC, AAM, LBNH, 121A, KSU1, L44A, LONV, R32A, R32A, PKME, Y22D, ANMO, ANMO, CBKS, TUC, SCIA, JFWS, T25A, GLM1, GLM1, GLM1, H42A, H42A, 214A, KSCO, BGNE, SDCO, W18A, S22A, Q24A, MVGO, MGNC, WUAZ, ECSD, GLA, SPMN, PDMCI, IKP, SWSC, BC3, MONP2, IRM, NEE2, N23A, 109C, HMU, HMU.

2018 JUN

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like BELC, TPFO, PFFO, SUSD, VVDA, F39A, KNB, KNB, GMRC, O20A, O20A, MURC, V12A, ELS, ELS, SRU, BBRC, HEC, EYMN, SC12, Q16A, Q16A, P18A, TUQ, CIS, P17A, P17A, BFSC, RRR, GSC, SHOC, SUR, K22A, DECC, SNCC, RSSD, RSSD, EDW2, GWY, LRMC, OSI, NLU, SC22, TPNV, FURC, MPMC, AGMN, TOAD, TOAD, ARVC, SBC, ISA, ISA, DUG, R11B, GRAC, PKM, CWC, BW06, PDAR, YES, MDND, SMDC, TIN, VOG, AHD, ULM, MLAC, MDPB, ELK, NVAR, NVAR, SCHO, LAO, RLMT, H17A, YFT, WKR, WKR, PNTR, PNTR, HLID, HLID, HLID, MPK, MPK, BOZ, BOZ, BOA, BOA.

1352

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like MFID, MAW, EGMT, PLID, MSO, PCVE, MESA, PSBE, PMTG, PBAR, PINE, PCAS, PCBR, K02D, MTE, MTE, HAWA, NEW, G05A, MXX, FCC, FCC, PBRG, YKA, TOAD, MBAR, CRAQ, WRAK, DLBC, S34M, R33M, Q32M, DAVOX, S32K, SIT, P33M, P32M, S31K, N32M, WHY, PLBC, M31M, P30M, P29M, N31M, C36M, YUK6, M30M, YUK4, M29M, YUK8, H31M, J30M, L29M, K29M, I30M, G31M, DAWY, EPYK, I29M, M27K, F30M, L27K, H29M, M24K, PAX, ILAR, RC01, BRSE, F25K, Q20K, H24K, G21K, O17K, B21K, L17K, M16K, O15K, L16K, D20K, E19K, N15K, AKASO, D19K, H17K, J16K, N14K.

N19K	baz=265 Bonanza Creek	76.59	30	P	P	07 00 50.3 +1.1	H25L	Birch Creek	80.61	24	P	P	07 01 12.3 +1.3	PLBC	Pleasant Camp	85.69	31	P	P	07 01 38.0 +0.6
D20K	baz=265 Etlvuk River	76.60	21	P		07 00 50.3 +1.3	M24K	baz=272 Tolsona, Glenn	80.61	28	P	P	07 01 12.1 +0.9	BRTR	baz=281 Keskin Array B	86.02	309	P	P	07 01 38.9 -0.7
B20K	baz=262 Meade River	76.61	20	Iamb	Iamb	07 00 51.5	F25K	baz=272 Christian River	80.63	23	P	P	07 01 12.3 +1.1	S31K	comp=Z,0.6nm,0.7s Pelican	86.05	32	P	P	07 01 38.9 -0.3
B20K	baz=262 Meade River	76.61	20	P	P	07 00 49.8 +0.8	Q23K	baz=273 Middleton Isla	80.64	31	P	P	07 01 12.1 +0.8	M31M	baz=282 Drury Creek, Y	86.07	28	P	P	07 01 39.4 +0.1
E20K	baz=261 Nigu River	76.69	22	P	P	07 00 50.8 +1.2	E25K	baz=273 Arctic Village	80.64	22	P	P	07 01 12.3 +1.1	WHY	baz=281 Whitehorse	86.18	29	P	P	07 01 39.5 -0.4
F20K	baz=262 Avaraart Lake	76.70	23	P	P	07 00 50.4 +0.9	KLU	baz=273 Klutina	80.75	29	P	P	07 01 13.6 +1.5	EIL	baz=282 Elat	86.49	299	LR	LR	07 46 00.9
M19K	baz=263 Big River Lodg	76.73	29	P	P	07 00 50.7 +0.9	PRP	baz=273 Porcupine Dome	80.75	25	P	P	07 01 13.3 +1.3	FINE5	comp=Z,24nm,18.2s,ba=245,slow=40 FINS Array B	86.59	332	P	P	07 01 41.2 -0.5
H20K	baz=265 Anotleneega Mo	76.86	25	P	P	07 00 51.5 +1.0	C26K	baz=272 Camden Bay	80.81	20	P	P	07 01 13.3 +1.3	A36M	comp=Z,1.5nm,0.5s,ba=75,slow=5.1,SNR=27 Sachs Harbour	86.71	17	P	P	07 01 41.8 -0.3
Q19K	baz=264 Cape Douglas,	76.88	32	P	P	07 00 52.1 +1.4	EYAK	baz=273 Conova Ski Ar	80.88	30	P	P	07 01 13.7 +1.1	R32K	baz=283 Eaglecrest	86.88	31	P	P	07 01 43.2 0.0
I20K	baz=264 Naaghedeneel	76.95	26	P	P	07 00 52.1 +1.1	PAX	baz=273 Paxson	80.89	28	P	P	07 01 14.2 +1.4	N32M	baz=284 Quiet Lake	86.92	29	P	P	07 01 44.0 +0.5
OHAK	baz=267 Old Harbor	76.97	33	P	P	07 00 52.3 +1.0	F26K	baz=273 Sheenjek River	81.20	23	P	P	07 01 15.5 +1.3	P32M	baz=284 Atlin	86.98	30	P	P	07 01 43.7 -0.1
K20K	baz=265 Telida	77.00	27	P	P	07 00 52.6 +1.2	C27K	baz=274 Jago River	81.24	21	P	P	07 01 15.5 +1.1	S32K	baz=283 Killisnoo	87.03	32	P	P	07 01 43.5 -0.4
A21K	baz=261 Barrow	77.00	19	P	P	07 00 52.4 +1.3	N25K	baz=274 Chitna, Valde	81.38	29	P	P	07 01 16.5 +1.2	AKAS	comp=Z,33nm,18.7s,ba=234,slow=36 Malin Array Be	87.17	321	LR	LR	07 41 51.0
L20K	baz=266 Farewell, AK	77.01	28	P	P	07 00 52.5 +1.0	G26K	baz=274 Porcupine River	81.38	23	P	P	07 01 16.1 +1.0	P33M	baz=284 Teslin, Yukon	87.28	29	P	P	07 01 45.6 +0.3
J20K	baz=265 Nowinta River	77.04	26	P	P	07 00 52.9 +1.4	BMRM	baz=274 Bremner River	81.42	30	P	P	07 01 16.6 +1.1	Q32M	baz=284 Nakina River	87.86	31	P	P	07 01 47.3 -0.9
P19K	baz=267 Oil Pt	77.13	31	P	P	07 00 53.4 +1.2	SCRK	baz=274 Sand Creek	81.50	26	P	P	07 01 16.7 +0.7	C36M	baz=292 Paulatuk	88.03	20	P	P	07 01 48.2 -0.3
C21K	baz=263 Knifblade Rid	77.21	21	P	P	07 00 54.4 +1.4	KAIM	baz=274 Kayak Island	81.58	31	P	P	07 01 17.5 +1.2	U33K	baz=284 Whale Pass	88.12	33	P	P	07 01 48.8 -0.4
M20K	baz=268 Styx River	77.32	29	P	P	07 00 54.6 +1.3	J26L	baz=274 Joseph Creek	81.64	26	P	P	07 01 17.1 +0.4	CRAG	baz=284 Craig	88.28	34	P	P	07 01 49.9 -0.1
KDAK	comp=Z,8.7nm,1.2s Kodiak Island	77.38	33	P	Iamb	07 00 54.5 +1.0	I26K	baz=274 Coal Creek Min	81.76	25	P	P	07 01 17.8 +0.6	R33M	baz=284 Jennings River	88.39	30	P	P	07 01 49.6 -1.0
KDAK	baz=268 Kodiak Island	77.38	33	P	P	07 00 54.7 +1.2	I26K	baz=275 Coal Creek Min	81.76	25	P	P	07 01 18.4 +1.3	VNDA	comp=Z,1.4nm,0.8s,ba=320,slow=5.8,SNR=11 Vandenberg	89.12	173	P	P	07 01 53.7 +0.3
B21K	comp=Z,5.0nm,0.7s Ikpiqpuq River	77.43	21	Iamb	Iamb	07 00 56.6	L26K	baz=275 Log Cabin Wild	81.86	27	P	P	07 01 19.2 +1.4	DLBC	comp=Z,1.4nm,0.8s Dease Lake	89.13	31	P	P	07 01 53.5 -0.5
B21K	baz=265 Ikpiqpuq River	77.43	21	P	P	07 00 54.7 +1.1	M26K	baz=275 Nabesna, AK	82.07	28	P	P	07 01 20.3 +1.3	V35K	baz=286 Ketchikan	89.14	34	P	P	07 01 54.2 +0.1
A22K	baz=263 Sinclair Lake	77.48	19	P	P	07 00 54.9 +1.0	E27K	baz=276 Coleen River	82.12	22	P	P	07 01 20.0 +0.9	T35M	baz=287 Bob Quinn	89.43	32	P	P	07 01 55.0 -0.4
Q20K	baz=263 Shuyak Island	77.51	32	P	P	07 00 55.9 +1.6	BGLC	baz=276 Bering Glacier	82.14	30	P	P	07 01 20.8 +1.6	DAG	comp=Z,3.4nm,1.1s,ba=98,slow=6.1,SNR=6.5 Danmarks Havn	91.56	352	iP	P	07 02 05.0 +0.1
G21K	baz=267 Allakaket	77.52	24	P	Iamb	07 00 55.2 +1.0	G27K	baz=276 Doyon Strip	82.23	24	P	P	07 01 20.3 +1.0	HFS	comp=Z,3.4nm,1.1s,ba=98,slow=6.1,SNR=6.5 Hagfors	92.76	332	P	P	07 02 09.4 -1.3
G21K	comp=Z,4.3nm,1.0s Allakaket	77.52	24	P	P	07 00 55.2 +1.0	D27M	baz=276 Malcolm River	82.24	21	P	P	07 01 19.8 +0.1	NOA	comp=Z,3.4nm,1.1s NORSAR Array B	93.48	334	P	P	07 02 13.0 -1.1
E21K	comp=Z,6.0nm,1.1s Killik River	77.53	22	Iamb	Iamb	07 00 57.0	K27K	baz=276 Chicken	82.33	26	P	P	07 01 20.9 +0.7	NOA	comp=Z,1.0nm,0.7s,ba=300,slow=4.9,SNR=11 NORSAR Array B	93.48	334	P	P	07 02 13.0 -1.1
E21K	baz=265 Killik River	77.53	22	P	P	07 00 55.1 +0.9	H27K	baz=276 Steamboat Moun	82.34	24	P	P	07 01 20.8 +0.5	NOA	comp=Z,0.6nm,0.7s,ba=57,slow=1.7,SNR=3.3 NORSAR Array B	93.48	334	LR	LR	07 47 04.6
F21K	baz=265 Alatna River	77.59	23	P	P	07 00 55.5 +0.9	I27K	baz=276,SNR=8.0 Kandik River	82.37	25	P	P	07 01 21.3 +0.9	DBG	comp=Z,0.6nm,0.8s Daneborg	93.84	351	iP	P	07 02 15.6 +0.1
N20K	baz=265 Mount Spurr	77.72	29	P	P	07 00 56.6 +1.1	L27K	baz=276 Beaver Creek,	82.54	27	P	P	07 01 22.9 +1.5	YKA	comp=Z,1.0nm,0.7s,ba=300,slow=4.9,SNR=11 Yellowknife Ar	94.53	24	P	P	07 02 20.3 +1.5
H21K	baz=266 Melozitna Rive	77.73	25	P	P	07 00 56.6 +1.2	M27K	baz=276 Edge Creek, AK	82.59	28	P	P	07 01 22.6 +0.8	NEW	baz=297 Newport	100.05	37	P	Pdf	07 02 44.1 -0.1
CHUM	baz=267 Lake Minchumin	77.82	27	P	P	07 00 57.7 +1.8	EGAK	baz=277 Eagle	82.65	26	P	P	07 01 23.3 +1.4	MSO	baz=299 Missoula	102.62	38	P	Pdf	07 02 54.6 -1.2
PPLA	baz=267 Purkeypile	77.82	28	P	P	07 00 57.3 +1.2	MESA	baz=276 MESA	82.80	30	P	P	07 01 23.7 +0.7	SMMC	baz=292 Simmler	103.39	50	P	Pdf	07 02 58.1 -1.2
CAST	baz=267 Castle Rocks	77.90	27	P	P	07 00 57.6 +1.3	E28M	baz=276 Babbage River	82.83	22	P	P	07 01 23.2 +0.5	PKM	baz=292 Mcperson Peak	103.69	51	P	Pdf	07 03 00.4 -0.4
CAST	baz=267 Castle Rocks	77.90	27	P	P	07 00 57.7 +1.3	F28M	baz=278 Old Crow	82.83	23	P	P	07 01 23.2 +0.4	HLID	baz=292 Halley	103.87	41	P	Pdf	07 03 00.4 -1.1
B22K	comp=Z,5.3nm,0.7s Teshekpuk Lake	77.92	20	P	Iamb	07 00 57.3 +1.0	CTG	baz=278 Chitna Glacier	83.00	29	P	P	07 01 24.5 +0.6	SBC	baz=292 Santa Barbara	103.93	51	P	Pdf	07 03 00.7 -0.9
B22K	baz=265,SNR=6.0 Teshekpuk Lake	77.92	20	P	P	07 00 57.5 +1.2	D28M	baz=278 Stokes Point	83.02	21	P	P	07 01 24.4 +0.8	SCVZ	baz=292 Santa Cruz Isl	104.16	51	P	Pdf	07 03 01.6 -1.1
D22K	baz=265 Ayikyak River	78.04	21	P	P	07 00 58.2 +1.1	B28V	baz=277 Beaver Creek	83.06	28	P	P	07 01 25.3 +1.3	ARVC	baz=292 Arvin	104.34	50	P	Pdf	07 03 02.4 -1.1
I21K	baz=267 Tanana	78.04	25	P	P	07 00 58.6 +1.5	I28M	comp=Z,3.8nm,0.7s Miner Creek	83.08	25	P	Iamb	07 01 26.1 +1.9	EGMT	baz=293 Eggleton	104.47	35	P	Pdf	07 03 02.5 -1.4
SKT	baz=268 Skwentna	78.08	29	P	P	07 00 58.6 +1.2	I28M	baz=278,SNR=11 Miner Creek	83.08	25	P	P	07 01 27.1	SNCC	baz=292 San Nicolas Is	104.52	52	P	Pdf	07 03 02.6 -1.7
F22K	baz=266 John River	78.12	23	P	P	07 00 58.5 +1.0	YUK3	comp=Z,3.8nm,0.7s Moose Creek	83.33	29	P	P	07 01 26.1 +0.5	BOZ	baz=293 Bozeman (W)	104.63	38	P	Pdf	07 03 03.4 -1.3
E22K	baz=266 Anaktuvuk Pass	78.30	22	P	P	07 00 59.7 +1.2	E29M	baz=279 Blow River	83.46	22	P	P	07 01 26.7 +0.8	MPMC	baz=294 Manual Prospec	104.98	49	P	Pdf	07 03 04.8 -1.8
H22K	baz=267 Ishtaitna Cre	78.34	25	P	P	07 00 59.4 +0.6	DAWY	baz=279 Dawson	83.50	26	P	P	07 01 27.0 +0.7	DECC	baz=293 Green Verdugo	105.06	51	P	PKIKP	07 07 19.8 -1.4
G22K	baz=267 Bettles	78.34	24	P	P	07 00 59.9 +1.1	O28M	baz=278,SNR=5.9 Mott Upton	83.59	30	P	P	07 01 27.0 +0.7	EDW2	baz=293 Edward's Air Fo	105.07	50	P	PKIKP	07 07 20.1 -1.1
BRSE	baz=269 Bradley Lake S	78.40	31	P	P	07 01 00.0 +0.8	H29M	baz=278 Whitestone	83.61	24	P	P	07 01 28.3 +1.2	CIS	baz=293 Catalina Islan	105.32	52	P	PKIKP	07 07 20.8 -0.9
BPAW	baz=269 Bear Paw Mtn.	78.42	26	P	P	07 01 00.4 +1.2	G29M	baz=279,SNR=6.1 Pine Creek	83.64	23	P	P	07 01 28.5 +0.7	SC12	baz=292 San Clemente I	105.38	52	P	PKIKP	07 07 21.3 -0.5
SUA	baz=269 Susitna One	78.44	29	P	P	07 01 00.5 +1.0	G29M	comp=Z,9.7nm,1.1s Pine Creek	83.64	23	P	Iamb	07 01 28.5 +0.8	R11B	baz=296 Troy Canyon, C	105.41	46	P	PKIKP	07 07 21.3 -0.7
MLY	baz=269 Manley	78.56	25	P	Iamb	07 01 01.8 +1.8	G29M	comp=Z,9.7nm,1.1s Pine Creek	83.64	23	P	P	07 01 29.9	TPNV	baz=296 Topopah Spring	105.53	48	P	PKIKP	07 07 21.5 -0.7
MLY	comp=Z,2.6nm,0.6s Manley	78.56	25	P	Iamb	07 01 01.6 +1.5	PINM	baz=279,SNR=6.9 Pinnacle	83.65	30	P	P	07 01 27.9 +0.7	BFSC	baz=296 Mount Baldy Ra	105.58	51	P	PKIKP	07 07 21.3 -1.0
D23K	baz=268 Nanushuk River	78.77	21	P	P	07 01 02.4 +1.3	YUK8	baz=278 Steele Glacier	83.72	29	P	P	07 01 29.0 +1.2	GSC	baz=294 Goldstone, Bar	105.80	49	P	PKIKP	07 07 21.6 -1.0
C23K	baz=267 Iktilik River	78.84	21	P	P	07 01 03.0 +1.6	I29M													

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include T25A Trinidad, 121A Cookes Peak, EYMN Ely, ECSD EROS Data Cent, etc.

ICD 24 07:31:54.1s, 7.7, 7.9Nk:74.28E, h155km, 37km, mb3.1/8, m20p3.6/12, MS3.4/1, Error ellipse: s-maj=58.9km s-min=30.7km az=165.0

NNC 24 07:31:57.3s, 7.2, 38.45Nk:73.05E, h0km, mb3.9, mpv4.5, Error ellipse: s-maj=64.3km s-min=38.4km az=111.0

ISC 24 07:31:55.0s, 1.4, 37.9Nk:0.1x74.0E, 0.1, h150km, m29, f163/30, mb3.5/8, 2C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include UCH Uchter, ULHL Ulthol, AAK Ala-Archa, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include HFS Hagfors, NOA NORSAR Array B, EKA Eskdalemuir Ar, etc.

ISC 24 07:33:38.7s, 1.0, 62.41Nk:0.02, 149.73W:0.02, h9km, 9km, n44, c085/77, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CUT Chulitna, M22K Willow, WAT1 Susitna Watana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include N19K Bonanza Creek, BMRM Bremner River, POKR Poker Flat Res, etc.

ANF 24 07:47:09.5s, 0.1, 33.63Nk:116.73W, h15km, ML2, 7/29, Error ellipse: s-maj=1.2km s-min=1.0km az=33.0

NEIC 24 07:47:10.0s, 0.8, 33.64Nk:0.009, 116.726W:0.010, h16km, 2km, Error ellipse: s-maj=1.3km s-min=1.2km az=221.0

PAS 24 07:47:10.5s, 0.8, 33.64Nk:0.004, 116.731W:0.008, h14km, 2km, ML3.0/213, ML2.8/48(NEIC), Error ellipse: s-maj=1.1km s-min=0.1km az=126.0

ISC 24 07:47:10.3s, 0.8, 33.64Nk:0.01, 116.73W:0.01, h18km, 4km, n115, c082/183, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include GVDA Garner Valley, CRY Cary Ranch, SNA Sanderling, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, AAK, KBK, CHMS, TKM2, TKM2, TKM2, GEYAT, MKRAN, KURBB, AB31, BVAR, AKTO, OBNO, FINES, ARCES, HFS, NB2, NOA, MBAR, TORD, WRA, ASAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR, ASAR, MKRAN, KURBB.

ADC 24 08:33:04.15,2,24,55S:69.22E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=148.9km s-min=47.2km az=53.0, Mid-Indian Ridge

ADC 24 08:33:20.2,4.1,24,25S:69.4E:0.7, h10km, n17, a0527E, mb3.9/8, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H08S1, H08S2, H08S3, H04N2, H04N1, H04N3, H01W2, H01W3, H01W1, CMAR, ASAR, WRA, MKRAN, KURBB, BVAR, ZALV, SONM.

NOU 24 08:41:15.6, 23:56S: 179:85E, h663km, MLV4/4/10, South of Fiji Islands

ADC 24 08:41:20.4,2,4,23:91S:179:16E, h552km, 25km, mb3.2/10, mbtmp4.1/11, Error ellipse: s-maj=16.2km s-min=15.3km az=92.0

NEIC 24 08:41:20.5,1,3,23:95S:0.1x179:22E:0.2, h549km, 6km, mb4.1/35, Error ellipse: s-maj=20.7km s-min=16.6km az=106.0

ISC 24 08:41:20.0,0.5,24,01S:0.07x179:24E:0.09, h550km, n79, a1127E, mb4.0/29, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF, PINNC, QUENC, YATNC, DZM, NOUC, OUZ, KFU, TOZ, URZ, URZ, URZ, WHZ, EIDS, EIDS, CTAO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTAO, STKA, STKA, STKA, COEN, BBOO, AS31, ASAR, ASAR, ASAR, WRO, WRO, WB2, WRAB, WRAB, WRA, WRA, FORT, MTN, MTN, FITZ, FITZ, VANDA, VANDA, SBA, CASY, QSPA, QSPA, MJAR, MJAR, KSRS, KSRS, PEAOB, PEAOB, PETK, PETK, S12K, CHIR, CHIR, CBX, CMB, CMB, OHAK, OHAK, SNAE, KDAK, KDAK, M13K, M13K, O16K, O16K, N15K, N15K, PINE, PINE, L19K, L19K, F10A, F10A, TMUT, SRU, TXAR, TXAR, ILAR, ILAR, MKRAN, KURBB, BVAR, FINES, FINES, NB2, NOA, HFS, AKAS, BR13, BR13, MMAL, EKA, CLL, GERES, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OHAK, OHAK, SNAE, KDAK, M13K, M13K, O16K, O16K, N15K, N15K, PINE, PINE, L19K, L19K, F10A, F10A, TMUT, SRU, TXAR, TXAR, ILAR, ILAR, MKRAN, KURBB, BVAR, FINES, FINES, NB2, NOA, HFS, AKAS, BR13, BR13, MMAL, EKA, CLL, GERES, TORD.

NEIC 24 08:43:19.6,0.6,1.52N:0.08,66:53E:0.09, h10km, 1km, mb4.4/20, Error ellipse: s-maj=19.0km s-min=8.5km az=127.0

ADC 24 08:43:25.1,1,3,2:51N:66:27E, h0km, mb4.0/11, mbtmp4.0/11, MS3.6/24, Error ellipse: s-maj=42.6km s-min=20.6km az=54.0

ISC 24 08:43:19.1,0.7,1.55N:0.10,66:5E:0.1, h10km, n63, a1501/34, mb4.3/20, MS3.6/23, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAAM, MNCI, MNCI, WSAR, RER, KBL, HRA, SHL, SHL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, GEYAT, BTK, KK31, KKAR, LEM, GNI, GNI, GNI, MK31, MKAR, MKAR, MKAR, LBTB, LBTB, ABKAR, H04N2, H04N1, H04N3, AKTO, BOS, KURBB, KURK, BRVK, TSMU, ZAAO, ZAAO, ZALV, ZALV, ZALV, SUR, ARU, ARU, H01W3, H01W2, H01W1, SONM, SONM, ULN, ULN, ULN, NWAO, DAVO, DAVO, TOAO, KRSR, CLL, JNU, SENIN, MAW, NRIK, WRA, ASAR, ASAR, HFS, NOA, KLR, YAK, STKA, STKA, ASAJ, ASAJ, BORG, PETK, VANDA, TXAR, TXAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H01W3, H01W2, H01W1, SONM, SONM, ULN, ULN, ULN, NWAO, DAVO, DAVO, TOAO, KRSR, CLL, JNU, SENIN, MAW, NRIK, WRA, ASAR, ASAR, HFS, NOA, KLR, YAK, STKA, STKA, ASAJ, ASAJ, BORG, PETK, VANDA, TXAR, TXAR.

ADC 24 08:46:42.6,0.9,15:85N:95:21W, h0km, mb3.8/11, mbtmp3.9/13, ML3.7/2, MS3.3/13, Error ellipse: s-maj=22.3km s-min=13.3km az=87.0

NEIC 24 08:46:42.9,2.6, 15:08N, 0:06:95S:30W:0.04, h10km, 1km, mb4.2/8, ML4.5/13, (MEX), Error ellipse: s-maj=10.5km s-min=8.2km az=20.0

MEX 24 08:46:44.9,0.1,15:64N:95:31W, h10km, 7km, MD4.5

ISC 24 08:46:42.0,1.0,15:64N:0:04:95:29W:0.02, h10km, n200, a248/284, mb4.1/21, MS3.3/12, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HUIG, HUIG, HUIG, CARR, CARR, CMIG, CMIG, CMIG, ASAJ, ASAJ, BORG, PETK, VANDA, TXAR, TXAR, CMIG, CMIG, CMIG, PEIG, PEIG, PEIG, OXBJ, OXBJ, OXBJ, OXIG, OXIG, VHO.

WHO		Sn	08 47 39.7 -1.4	MT03	Montecristo	5.86 101	Pn	Pn	08 48 09.9 +0.6
PCIG	1.99 88	Pn	08 47 37.9 -1.9	ACIG	Acambay	6.15 315	Pb	Pb	08 48 21.6 -7.9
PCIG		Pn	08 47 37.9 -3.0	ACIG	Acambay		Pb	08 49 25.0 +1.3	
PCIG	1.99 88	Pn	08 47 37.9 -1.9	ACIG	Acambay	6.15 315	eP	Pn	08 48 21.6 -7.9
PCIG		Pn	08 47 37.9 -3.0	ACIG	Acambay		eP	Pn	08 49 25.0 +1.3
LXUV	2.00 33	eS	08 47 35.4 -0.5	ZIIG	Zihuatajejo	6.24 289	eS	Pn	08 48 12.0 -2.3
LXUV		eS	08 47 39.4 -1.6	ZIIG	Zihuatajejo		eS	Pn	08 49 22.4 -3.3
TGIG	2.37 61	eP	08 47 21.4 +0.3	CTUV	Llano Grande	6.49 394	eS	Pn	08 48 16.3 -1.5
TGIG		eP	08 47 50.4 +0.1	CTUV	Llano Grande		eS	Pn	08 49 35.3 +3.4
TGIG	2.37 61	eP	08 47 21.4 +0.3	MOIG	Morelia	6.91 306	eP	Pn	08 48 23.6 -0.2
TGIG		eP	08 47 50.4 +0.1	MOIG	Morelia	6.91 306	eP	Pn	08 48 24.1 +0.4
MIHL	2.44 17	eS	08 47 31.7 -1.7	JRIG	Jurejilla	7.15 315	Pn	Pn	08 48 16.3 -1.5
MIHL		eS	08 47 56.7 +0.4	MOIG	Morelia	6.91 306	Pn	Pn	08 48 25.7 +0.3
YOIG	2.48 299	eP	08 47 23.6 +0.7	RPIG	Rio Verde	7.64 325	Pn	Pn	08 48 32.9 -0.8
YOIG		eP	08 47 54.8 +1.3	RPIG	Rio Verde		Pn	Pn	08 50 03.6 +3.2
YOIG	2.48 299	eP	08 47 23.6 +0.7	REIG	Rio Verde	7.64 325	eP	Pn	08 48 32.9 -0.8
YOIG		eP	08 47 54.8 +1.3	REIG	Rio Verde		eP	Pn	08 50 03.6 +3.2
Yozandepetl	2.52 199	eS	08 47 22.5 -0.7	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.1 -1.3
Yozandepetl		eS	08 47 51.1 -2.8	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
PNIG	2.83 286	eP	08 47 26.9 -0.5	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
PNIG		eP	08 48 00.3 -1.4	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
PNIG	2.83 286	eP	08 47 26.9 -0.5	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
PNIG		eP	08 48 00.3 -1.4	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
TXIG	2.87 304	eP	08 47 29.6 +1.4	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
TXIG		eP	08 48 02.3 -0.7	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
TXIG	2.87 304	eP	08 47 29.6 +1.4	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
TXIG		eP	08 48 02.3 -0.7	TEIG	Tepech	8.08 55	Pn	Pn	08 48 38.6 -1.0
PMUV	2.89 3	eS	08 47 25.3 -2.1	COIG	Colima	8.76 295	eS	Pn	08 48 55.2 +6.2
PMUV		eS	08 48 02.3 -0.7	COIG	Colima		eS	Pn	08 50 35.1 +2.2
SOXV	2.98 325	eP	08 47 31.4 +1.9	JUBC	Volcan de Coli	8.76 297	eP	Pn	08 48 56.3 +6.7
SOXV		eP	08 48 08.5 -3.3	JUBC	Volcan de Coli		eP	Pn	08 50 37.7 +8.8
TOIG	2.98 325	eP	08 47 31.4 +1.9	EZSV	Volcan de Coli	8.80 297	eS	Pn	08 48 49.8 0.0
TOIG		eP	08 48 08.5 -3.3	EZSV	Volcan de Coli	8.80 297	eS	Pn	08 48 49.8 0.0
TOIG	2.98 325	eP	08 47 31.4 +1.9	MNGA	Volcan de Coli	8.81 297	eP	Pn	08 48 53.6 +7.1
TOIG		eP	08 48 08.5 -3.3	MNGA	Volcan de Coli	8.81 297	eP	Pn	08 48 53.6 +7.1
PTFR	2.99 100	eS	08 47 37.7 +0.2	MNGA	Volcan de Coli	8.82 297	eP	Pn	08 48 53.6 +7.1
PTFR		eS	08 48 05.5 -0.4	MNGA	Volcan de Coli	8.82 297	eP	Pn	08 48 53.6 +7.1
THIG	3.00 104	eS	08 47 30.1 +0.3	INOC	Volcano de Col	8.85 297	eP	Pn	08 50 22.3 -7.6
THIG		eS	08 48 05.5 -0.4	INOC	Volcano de Col	8.85 297	eP	Pn	08 50 22.3 -7.6
THIG	3.00 104	eS	08 47 30.1 +0.3	INOC	Volcano de Col	8.85 297	eP	Pn	08 50 22.3 -7.6
THIG		eS	08 48 05.5 -0.4	INOC	Volcano de Col	8.85 297	eP	Pn	08 50 22.3 -7.6
PAVE	3.03 98	eP	08 47 22.5 -0.7	CDAR	Ciudad de Arme	8.96 293	eP	Pn	08 48 56.0 +4.4
PAVE		eP	08 48 05.5 -0.4	CDAR	Ciudad de Arme	8.96 293	eP	Pn	08 48 56.0 +4.4
PAVE	3.03 98	eP	08 47 22.5 -0.7	CEGR	Campo Tres	8.99 296	eP	Pn	08 48 56.3 +4.1
PAVE		eP	08 48 05.5 -0.4	CEGR	Campo Tres	8.99 296	eP	Pn	08 48 56.3 +4.1
CCIG	3.10 78	eP	08 47 32.3 +1.0	ZACIG	Zacatecas	9.88 317	Pn	Pn	08 48 06.6 +4.1
CCIG		eP	08 47 33.3 +2.0	ZACIG	Zacatecas		Pn	Pn	08 49 28.8 -0.2
CCIG	3.10 78	eP	08 47 32.3 +1.0	SOCE	Pocosol	11.63 114	Pn	Pn	08 49 28.8 -0.2
CCIG		eP	08 48 14.2 -1.2	SOCE	Pocosol	11.63 114	Pn	Pn	08 49 28.8 -0.2
CHJU	3.11 100	eS	08 47 32.2 +0.6	833A	Chaparral WMA,	13.18 345	Pn	Pn	08 49 50.6 +1.1
CHJU		eS	08 48 04.4 -0.1	833A	Chaparral WMA,		Pn	Pn	08 49 50.6 +1.1
HLIG	3.25 312	eP	08 47 37.6 -2.4	SOR	Soroa	13.60 57	Pn	Pn	08 49 55.2 0.0
HLIG		eP	08 48 17.3 -2.5	SOR	Soroa	13.60 57	Pn	Pn	08 49 55.2 0.0
HLIG	3.25 312	eP	08 47 37.6 -2.4	MLDN	Muldooen	14.17 354	Pn	Pn	08 50 04.7 +1.7
HLIG		eP	08 48 17.3 -2.5	MLDN	Muldooen	14.17 354	Pn	Pn	08 50 04.7 +1.7
TPIG	3.40 325	eS	08 47 37.7 +0.2	HONDO	Hondo	14.31 346	Pn	Pn	08 50 05.7 +0.9
TPIG		eS	08 48 17.3 -2.5	HONDO	Hondo	14.31 346	Pn	Pn	08 50 05.7 +0.9
TPIG	3.40 325	eS	08 47 37.7 +0.2	DRIO	Del Rio	14.57 341	Pn	Pn	08 50 15.9 -1.3
TPIG		eS	08 48 23.1 -1.1	DRIO	Del Rio	14.57 341	Pn	Pn	08 50 15.9 -1.3
FTIG	3.54 310	eP	08 47 41.7 -0.9	435B	Jarrell	15.22 352	Iamb	Iamb	08 50 28.1
FTIG		eP	08 48 23.1 -1.1	435B	Jarrell	15.22 352	Iamb	Iamb	08 50 28.1
FTIG	3.54 310	eP	08 47 41.7 -0.9	JCT	Junction City	15.34 345	Iamb	Iamb	08 50 19.7 +0.8
FTIG		eP	08 48 23.1 -1.1	JCT	Junction City	15.34 345	Iamb	Iamb	08 50 19.7 +0.8
FTIG	3.54 310	eP	08 47 41.7 -0.9	TXAR	Lajas Array	15.67 332	Pn	Pn	08 50 23.0 -0.1
FTIG		eP	08 48 27.7 -0.4	TXAR	Lajas Array	15.67 332	Pn	Pn	08 50 23.0 -0.1
FTIG	3.54 310	eP	08 47 41.7 -0.9	TXAR	Lajas Array	15.67 332	Pn	Pn	08 50 23.0 -0.1
FTIG		eP	08 48 27.7 -0.4	TXAR	Lajas Array	15.67 332	Pn	Pn	08 50 23.0 -0.1
MGIG	3.58 297	eP	08 47 39.4 +1.5	BRDY	Brady	15.94 348	Pn	Pn	08 50 27.6 +1.0
MGIG		eP	08 48 19.2 -1.2	BRDY	Brady	15.94 348	Pn	Pn	08 50 27.6 +1.0
MGIG	3.58 297	eP	08 47 39.4 +1.5	NATX	Nacogdoches	16.06 2	Pn	Pn	08 50 26.7 -1.4
MGIG		eP	08 48 19.2 -1.2	NATX	Nacogdoches	16.06 2	Pn	Pn	08 50 26.7 -1.4
OZST	3.64 332	eS	08 48 19.2 -1.2	OZNA	Ozona	16.12 342	Pn	Pn	08 50 29.6 +0.6
OZST		eS	08 48 02.3 -0.7	OZNA	Ozona	16.12 342	Pn	Pn	08 50 29.6 +0.6
TLIG	3.68 302	Pn	08 47 37.9 -1.3	ALPN	Alpine	16.55 334	Pn	Pn	08 50 36.0 +1.5
TLIG		Pn	08 47 43.9 -3.5	ALPN	Alpine	16.55 334	Pn	Pn	08 50 36.0 +1.5
TLIG	3.68 302	Pn	08 47 37.9 -1.3	SGCY	Sterling City	17.05 343	Iamb	Iamb	08 50 40.9 0.0
TLIG		Pn	08 48 30.3 -1.9	SGCY	Sterling City	17.05 343	Iamb	Iamb	08 50 40.9 0.0
TRIG	3.80 305	eS	08 48 04.4 -0.1	SGCY	Sterling City	17.05 343	Iamb	Iamb	08 50 40.9 0.0
TRIG		eS	08 47 41.3 -0.1	SGCY	Sterling City	17.05 343	Iamb	Iamb	08 50 40.9 0.0
CRIG	3.85 287	eP	08 48 19.2 -7.6	MMNH	Monahans	17.06 338	Pn	Pn	08 50 40.3 -0.6
CRIG		eP	08 47 41.3 -0.1	MMNH	Monahans	17.06 338	Pn	Pn	08 50 40.3 -0.6
CRIG	3.85 287	eP	08 48 19.2 -7.6	VBMS	Vicksburg	17.07 14	Pn	Pn	08 50 40.8 -0.1
CRIG		eP	08 47 41.3 -0.1	VBMS	Vicksburg	17.07 14	Pn	Pn	08 50 40.8 -0.1
CRIG	3.85 287	eP	08 48 19.2 -7.6	PLPT	Paio Pinto	17.32 351	Iamb	Iamb	08 50 44.9 +0.9
CRIG		eP	08 47 41.3 -0.1	PLPT	Paio Pinto	17.32 351	Iamb	Iamb	08 50 44.9 +0.9
JALV	3.98 339	eP	08 47 43.6 +0.3	PLPT	Paio Pinto	17.32 351	Iamb	Iamb	08 50 44.9 +0.9
JALV		eP	08 48 19.2 -1.2	PLPT	Paio Pinto	17.32 351	Iamb	Iamb	08 50 44.9 +0.9
JALV	3.98 339	eP	08 47 43.6 +0.3	ABTX	Abilene, Hawle	17.37 348	Pn	Pn	08 50 44.9 +0.2
JALV		eP	08 48 19.2 -1.2	ABTX	Abilene, Hawle	17.37 348	Pn	Pn	08 50 44.9 +0.2
LVIG	4.20 345	eS	08 47 46.2 -0.1	ABTX	Abilene, Hawle	17.37 348	Pn	Pn	08 50 44.9 +0.2
LVIG		eS	08 48 32.9 -2.6	ABTX	Abilene, Hawle	17.37 348	Pn	Pn	08 50 44.9 +0.2
LVIG	4.20 345	eS	08 47 46.2 -0.1	VHRN	Van Horn	17.50 331	Pn	Pn	08 50 48.3 +0.7
LVIG		eS	08 48 32.9 -2.6	VHRN	Van Horn	17.50 331	Pn	Pn	08 50 48.3 +0.7
DAIG	4.41 289	eP	08 47 46.5 -2.7	VHRN	Van Horn	17.50 331	Pn	Pn	08 50 46.9 +0.4
DAIG		eP	08 48 19.2 -1.2	VHRN	Van Horn	17.50 331	Pn	Pn	08 50 46.9 +0.4
DAIG	4.41 289	eP	08 47 46.5 -2.7	ODSA	Odessa	17.69 339	Pn	Pn	08 50 49.4 +0.6
DAIG		eP	08 48 19.2 -1.2	ODSA	Odessa	17.69 339	Pn	Pn	08 50 49.4 +0.6
DAIG	4.41 289	eP	08 47 46.5 -2.7	SN07	Snyder 07	18.10 345	Pn	Pn	08 50 50.3 -3.5
DAIG		eP	08 48 19.2 -1.2	SN07	Snyder 07	18.10 345	Pn	Pn	08 50 50.3 -3.5
PBCV	4.57 317	eP	08 47 59.2 -3.3	SN07	Snyder 07	18.10 345	Pn	Pn	08 50 52.5
PBCV		eP	08 48 47.0 +2.1	SN07	Snyder 07	18.10 345	Pn	Pn	08 50 52.5
PBCV	4.57 317	eP	08 47 59.2 -3.3	APMT	Aspermont	18.14 347	Pn	Pn	08 50 54.3 0.0
PBCV		eP	08 48 47.0 +2.1	APMT	Aspermont	18.14 347	Pn	Pn	08 50 54.3 0.0
PBCV	4.57 317	eP	08 47 59.2 -3.3	WTF5	Witchita Falls	18.28 352	Pn	Pn	08 50 55.1 -0.8
PBCV		eP	08 48 47.0 +2.1	WTF5	Witchita Falls	18.28 352	Pn	Pn	08 50 55.1 -0.8
PBCV	4.57 317	eP	08 47 59.2 -3.3	WTF5	Witchita Falls	18.28 352	Pn	Pn	08 50 55.1 -0.8
PBCV		eP	08 48 47.0 +2.1	WTF5	Witchita Falls	18.28 352	Pn	Pn	08 50 55.1 -0.8
PBXN	4.65 317	eP	08 47 55.4 +2.5	LOOK	Love County	18.36 355	Pn	Pn	08 50 57.2 +0.3
PBXN		eP	08 48 32.9 -2.6	LOOK	Love County	18.36 355	Pn	Pn	08 50 57.2 +0.3
PBXN	4.65 317	eP	08 47 55.4 +2.5	LOOK	Love County	18.36 355	Pn	Pn	08 50 57.2 +0.3
PBXN		eP	08 48 32.9 -2.6	LOOK	Love County	18.36 355	Pn	Pn	08 50 57.2 +0.3
PBXN	4.65 317	eP	08 47 55.4 +2.5	352A	Blakely	18.39 29	Pn	Pn	08 50 57.7 +0.5
PBXN		eP	08 48 32.9 -2.6	352A	Blakely	18.39 29	Pn	Pn	08 50 57.7 +0.5
PBXN	4.65 317	eP	08 47 55.4 +2.5	352A	Blakely	18.39 29	Pn	Pn	08 50 57.7 +0.5
PBXN		eP	08 48 32.9 -2.6	352A	Blakely	18.39 29	Pn	Pn	08 50 57.7 +0.5
PBPN	4.65 317	eP	08 47 59.1 -5.1	DKNS	Dickens	18.66 345	Pn	Pn	08 50 59.5 -0.8
PBPN		eP	08 48 43.5 -4.2	DKNS	Dickens	18.66 345	Pn	Pn	08 50 59.5 -0.8
PBPN	4.65 317	eP	08 47 59.1 -5.1	DKNS	Dickens</				

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like DZM, PEAOB, PETK, MK31, MKAR, MAKZ, TARG, KSH, NIL, ZAAO, ZALV, AAK, ARSB, DRK, KURK, KURKB, BTK, KBL, SHEM, SIMJ, SIMJ, BVAR, BRVK, BRVK, BRVK, TIXI, NRK, NRK, GEYT, GEYT, GEYT, GYAOB, ABKAR, NIKH, SPIA, POKB, ARU, ARU, ARU, GAMB, M1A, M1N, K13K, S12K, F14K, M13K, ANN, J14K, L14K, L14K, F15K, N14K, G15K, M14K, M14K, O14K, O14K.

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like CHNA, C16K, L15K, K15K, S14K, M15K, H16K, G16K, O15K, N15K, N15K, N15K, D17K, J16K, CHGN, H17K, RD0G, C17K, L16K, L16K, L16K, E17K, F17K, M16K, M16K, G17K, KIRV, H17K, H17K, P16K, O16K, O16K, J17K, J17K, B18K, E18K, C18K, L17K, L17K, K17K, BELG, F18K, O17K, M17K, N17K, A19K, Q16K, G18K, H18K, P17K, C19K, CHIR, Q17K, L18K, CASY, J18K, F19K, N18K, GCSA, D19K, D19K, G19K, M18K, P18K, E19K, E19K, O18K, O18K, H19K, OBL, R18K, SII, L19K, D20K, B20K, N19K, O19K, E20K, F20K, M19K, H20K, Q19K, A21K.

24d 9h

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like I20K, K20K, OHAK, L20K, RAYN, J20K, C21K, M20K, IMAR, B21K, B21K, KDAK, KDAK, KDAK, A22K, O20K, E21K, G21K, Q20K, SYI, F21K, H21K, N20K, CHUM, B22K, PPLA, CAST, CAST, CAST, HOM, D22K, D22K, I21K, KBZ, F22K, SKT, CAPN, E22K, G22K, H22K, BPAW, BPAW, BPAW, BRSE, MLY, MLY, D23K, M22K, C23K, COLD, G23K, G23K, RC01, O22K, H23K, SEW, E23K, TOLK, TOLK, I23K, PMR, PMR, NEA2, MCK, D24K, C24K, WAT1, E24K, KNK, SML, F24K, H24K, COLA, WAT6, M23K, G24K, POKR, DHY, SCM, P23K, HDA, IL31, ILAR, ILAR, GLI, D25K, D25K.

24d 10h

Table with columns for station ID, name, coordinates, and status. Includes stations like D25K Kavir River, G25K Bearman Lake, H25L Birch Creek, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like F30M Barrier River, K29M Barlow Dome, YUK6 Outpost Mounta, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like GERES comp=Z,0.5nm,0.7s, etc., QSPA comp=Z,0.5nm,0.7s, etc., YBHQ Yreka Blue Hor, etc.

SJA 24 10:08:19.4,0.6,24.435:67.26W,h182km,6km,ML3.5, MW3.5
GUC 24 10:08:22.1,0.8,24.315:67.32W,h176km,8km,ML4.0
IDC 24 10:08:24.1,3.6,23.955:66.80W,h183km,35km,mb3.4/1, mbtmp3.8/4,MS3.7/1, Error ellipse: s-maj=42.4km s-min=30.0km az=95.0
ISC 24 10:08:19.5,0.9,24.395:0.04:67.30W,0.04,h182km,9km, n41,+1947/63,3C-2D,Chile-Argentina border region

Table with columns: PMSA, Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Palmer Station, BELA, EPI, SMIAI, MG01, etc.

Table with columns: Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like VILB, PDRB, SMTB, RCBR, etc.

Table with columns: Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like SHO, SHO, SHO, SHO, etc.

SKHL 24 13:18:05.0, 0.2, 43.50N; 147.90E, h80km, 5km, mbs.6/10, msh.6.5/5

MOS 24 13:18:05.0, 1.1, 43.63N; 147.71E, h75km, mb.4.6/18, Error ellipse: s-maj=6.1km s-min=6.2km az=98.2

MOS Felt (I) at Malokunil'skoe NIED 24 13:18:06.8, 43.51N; 147.61E, h58km, MW4.5, Moment Tensor solution: s3 Moment tensor: Scale 10^15Nm; M1=-2.8; M2=3.76; M3=-1.48; M4=0.3; M5=-1.24; M6=1.98; Fault plane solution: Ms5.70000x10^15 NP1: 0.251.00000; 876.00000; -1.18.00000. NP2: 0.136.00000; 831.00000; -28.00000.

JMA 24 13:18:06.8, 0.2, 43.51N; 147.50E, h58km, MD4.3/40, MW4.5/40, E OFF HOKKAIDO

JMA Felt I, J1 at E OFF HOKKAIDO, IDC 24 13:18:07.2, 43.67N; 147.54E, h82km, 21km, mb3.9/24, mbmp4.2/27, MS3.2/26, Error ellipse: s-maj=15.0km s-min=14.0km az=46.0

NEIC 24 13:18:08.1, 2, 43.61N; 0.08; 147.5E; 0.1, h87km, 7km, mb.4.6/59, Error ellipse: s-maj=15.5km s-min=12.0km az=91.0

ISC 24 13:18:06.2, 0.7, 43.57N; 0.05; 147.70E; 0.05, h71km, 5km, n401, 1908/404, mb4.5/68, 11C-3D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like SHO, SHO, SHO, SHO, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like L27K Beaver Creek, EGAK Eagle, F28M Old Crow, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MSO Missoula, GEYT Alibek, GEYT Alibek, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SHME Shamm, IZEF Zefreh, BANOM Banah, etc.

Code Station Name Az El P Res Time Res
IDC 24 13:24:32.50,0.30,43N:57.02E,h0km,mb3.8/17,
mbmp3.8/19,ML3.8/2,MS3.0/2,Error ellipse:
s-maj=18.4km s-min=16.3km az=93.0
TEH 24 13:24:32.1,30'48N:57'08E,h5km,ML4.0
NEIC 24 13:24:33.0,1.4,30'59N:0'06:56E,0.1,h10km,1km,
mb4.4/5,mb_Lg4.2(TEH),Error ellipse: s-maj=19.0km
s-min=9.7km az=75.0
OMAN 24 13:24:35.2,0.3,30'60N:56'88E,h9km,7km,mb4.7/12
mb3.6/4,ms2.9/1,Error ellipse: s-maj=12.6km s-min=2.8km
az=20.0
DSN 24 13:24:39.0,1.9,30'29N:57'12E,h15km,ML3.5/9,Error
ellipse: s-maj=99.4km s-min=18.0km az=97.0
ISC 24 13:24:32.9,1.3,30'57N:10'04:57'10E,0.03,h2km,9km,
n108,az200/123,mb3.9/20,Northern and central Iran

24d 15h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KALN, CRES, LSK, LOBO, SRN, SMRN, BEHE, etc.

NNC 24 14:27:32.4±0.3, 43°22'N, 78°68'E, h0km, mb4.4, mpv4.4, Error ellipse: s-maj=3.5km s-min=1.8km az=172.0

ISC 24 14:27:32.6±0.1, 43°22'N, 78°55'E, h22km, mb3.5, ML3.2/3, Error ellipse: s-maj=61.8km s-min=30.3km az=105.0

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

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARXS, MDOK, KNOS, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TRKS, KK31, KKAR, etc.

KRNET 24 15:02:10.7±0.1, 40°45'N, 77°36'E, mb2.8, SOME 24 15:02:10.8, 40°53'N, 77°53'E, h0km, NNC 24 15:02:11.7±0.7, 40°51'N, 77°55'E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=4.7km s-min=3.4km az=178.0

ISC 24 15:02:10.8±0.2, 40°36'N, 101°77'54"E, 0.05, h1km, mb14km, n63, ±1912.96, 17C-15D, Kyrgyzstan-Xinjiang border region

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

Table with columns: STKA, Stephens Creek, 38.34 247, P, P, 15 16 47.0 -0.6, etc. Lists various locations and their associated data points.

Table with columns: MBWA Marble Bar, 58.99 258, P, P, 15 19 24.2 -1.8, etc. Lists various locations and their associated data points.

Table with columns: YSS, comp=N, 100nm, 8.5s, smax, smax, etc. Lists various locations and their associated data points.

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Table with columns: NVAR, comp, PKKPbc, PKKPbc, 15 40 18.2 +0.6, NVAR, comp, PKKPbc, PKKPbc, 15 50 03.3, L04D, NEE2, USA0B, USRK, PDMC, TPNV, I03D, OHAK, OHAK, OHAK, R18K, W14A, W13A, Q17K, NJ2, NJ2, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, O14K, S11A, Q16K, O15K, H04D, P16K, PRN, G03D, TUC, R11B, H03S2, H03S1, H03S3, N14K, H04A, M11K, P17K, MDJ, MDJ, MDJ, MDJ, H03N2, H03N3, PINE, H03N1, F03A, O16K, O16K, BMN, Q20K, SYI, I05D, Q19K, Q19K, M13K, M13K, P18K, N15K, N15K, X16A, O17K, WVOR, LCMT, HOOD, M14K, M14K, WISH, Q12A, G05A, O18K, M15K, N16K, CCUT, NWU, KNB, P19K, P19K, I07A, SZCU

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Table with columns: WUAZ, Wupatki, 84.46 48, IAMB, IAMB, 15 22 00.9, WUAZ, Wupatki, 84.46 48, P, P, 15 21 59.8 +1.3, LLO2, Futaleuf, 84.47 135, P, P, 15 21 59.9 +1.5, ELIB, Princess Elisa, 84.48 186, dP, P, 15 21 59.2 +1.1, HG4B, Princess Elisa, 84.52 26, IAMB, IAMB, 15 22 08.1, N17K, Nushagak Hills, 84.53 9, P, P, 15 21 57.6 -0.4, G06A, Nushagak Hills, 84.55 36, IAMB, IAMB, 15 22 00.1, J08A, Circle Bar Tan, 84.56 38, IAMB, IAMB, 15 22 00.4, HOLB, Holberg, 84.58 28, IAMB, IAMB, 15 22 00.2, OZB, Mount Ozzard, 84.59 31, IAMB, IAMB, 15 21 59.8, L14K, Kukla Creek, 84.62 7, P, P, 15 21 58.7 +0.3, CNPM, China Post, 84.62 12, IAMB, IAMB, 15 21 59.2, HOM, Homer, 84.67 12, P, P, 15 21 58.6 -0.1, O19K, Port Alsworth, 84.68 11, P, P, 15 21 58.2 -0.5, DIB, Dawson Inlet, 84.71 25, IAMB, IAMB, 15 22 01.9, M16K, Timber Creek, 84.75 8, P, P, 15 22 00.0 +0.8, O20K, Slope Mountain, 84.87 12, P, P, 15 21 59.2 -0.7, N18K, Klase Creek, 84.88 10, P, P, 15 21 59.3 -0.5, PKCU, Pink Cliffs, 84.89 46, IAMB, IAMB, 15 22 03.9, X18A, Snowflake, 84.92 49, IAMB, IAMB, 15 22 03.3, BRSE, Bradley Lake S, 84.92 13, P, P, 15 21 59.9 -0.2, GNW, Green Mountain, 84.94 33, IAMB, IAMB, 15 22 02.2, K13K, Kusvak Mount, 85.01 5, IAMB, IAMB, 15 22 01.8, K13K, Kusvak Mount, 85.01 5, P, P, 15 22 00.8 +0.4, L15K, Ungalak Mouta, 85.08 7, P, P, 15 22 00.8 +0.1, IPM, Iloh, 85.08 277, P, P, 15 22 03.8 +1.8, CLRS, Cowichan Lake, 85.14 32, IAMB, IAMB, 15 22 03.2, WHN, Wuha, 85.18 306, P, P, 15 22 02.9 +0.9, CN2, Changchun, 85.19 322, P, P, 15 21 59.6 -2.1, N19K, Bonanza Creek, 85.23 10, IAMB, IAMB, 15 22 01.6, N19K, Bonanza Creek, 85.23 10, P, P, 15 22 00.8 -0.9, MTPU, Mount Pierson, 85.30 45, IAMB, IAMB, 15 22 05.7, BNX, BinXian, 85.31 324, P, P, 15 22 01.1 -1.2, M17K, Holtina River, 85.33 9, P, P, 15 22 03.4 +1.4, L16K, Ohwat River, 85.35 8, IAMB, IAMB, 15 22 03.6, L16K, Ohwat River, 85.35 8, P, P, 15 22 02.6 +0.5, PGC, Sidner, 85.36 32, IAMB, IAMB, 15 22 04.1, TROLL, Troll, Antarti, 85.37 180, P, P, 15 22 03.4 +0.9, W18A, Petrified Fore, 85.38 49, IAMB, IAMB, 15 22 05.5, W18A, Petrified Fore, 85.38 49, P, P, 15 22 03.7 +0.5, CBB, Campbell River, 85.40 30, IAMB, IAMB, 15 22 04.5, KLR, Kul'dur, 85.41 329, LR, LR, 15 56 16.6, KLR, Kul'dur, 85.41 329, cP, P, 15 22 02.5 -0.2, 121A, Cookes Peak, D, 85.43 52, IAMB, IAMB, 15 22 06.2, 121A, Cookes Peak, D, 85.43 52, P, P, 15 22 04.7 +1.3, TRCU, Three Creeks R, 85.45 45, IAMB, IAMB, 15 22 05.8, G08A, Pilot Rock, 85.50 37, IAMB, IAMB, 15 22 05.0, SEW, Seward, 85.52 13, P, P, 15 22 02.5 -0.5, SNA, Sanae, 85.60 178, P, P, 15 22 04.3 +0.7, SNA, Sanae, 85.60 178, P, P, 15 22 04.1 +0.5, SNA, Sanae, 85.60 178, P, P, 15 22 04.3 +0.7, SNA, Sanae, 85.60 178, LR, LR, 16 00 42.9, SNA, Sanae, 85.60 178, cP, P, 15 22 05.0 +1.4, M18K, Stony River, 85.66 10, P, P, 15 22 03.4 -0.2, VN3, Neumayer Olmp, 85.67 176, P, P, 15 22 04.5 +0.7, K15K, Wolf Creek Mou, 85.68 7, IAMB, IAMB, 15 22 06.7, K15K, Wolf Creek Mou, 85.68 7, P, P, 15 22 04.5 +0.8, LR03, Pangipulli, 85.70 131, IAMB, IAMB, 15 22 07.7, BBB, Bella Bella, 85.71 27, LR, LR, 15 51 12.9, KULM, Kulim, 85.74 178, IAMB, IAMB, 15 22 08.1, O22K, Cooper Landing, 85.81 13, P, P, 15 22 04.0 -0.4, E07A, Sunnyside, 85.81 35, IAMB, IAMB, 15 22 06.6, P23K, Montague Isan, 85.87 14, P, P, 15 22 04.0 -0.7, L17K, Donlin, 85.92 8, P, P, 15 22 05.8 +0.9, J14K, Navararak Lak, 85.92 6, P, P, 15 22 05.0 +0.2, N20K, Mount Spurr, 85.99 11, P, P, 15 22 04.5 -0.9, SPU, Mount Spurr, 86.00 11, IAMB, IAMB, 15 22 06.4, TIA, Tai'an, 86.10 312, P, P, 15 22 05.9 -0.5, DUG, Dugway, Toese, 86.10 43, P, P, 15 22 06.9 +0.3, VN2, Neumayer-Watz, 86.13 176, P, P, 15 22 07.3 +1.1, GRNB, Grenville Isla, 86.18 25, IAMB, IAMB, 15 22 08.3, CRAG, Craig, 86.22 23, P, P, 15 22 07.1 +0.5, L18K, Granite Mounta, 86.22 9, IAMB, IAMB, 15 22 07.7, L18K, Granite Mounta, 86.22 9, P, P, 15 22 05.8 -0.6, M19K, Big River Lodg, 86.27 10, P, P, 15 22 05.5 -1.2, VNA1, Neumayer-Stat, 86.35 176, P, P, 15 22 08.4 +1.3, RC01, Rabbit Creek A, 86.36 13, IAMB, IAMB, 15 22 07.7, RC01, Rabbit Creek A, 86.36 13, P, P, 15 22 06.2 -0.9, HIN, Hinchinbrook I, 86.43 14, IAMB, IAMB, 15 22 08.0, GAMB, Gambell, 86.43 2, P, P, 15 22 07.5 +0.1, PLCA, Paso Flores, 86.44 133, P, P, 15 22 09.8 +1.5, PLCA, Paso Flores, 86.44 133, LR, LR, 15 53 27.5

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Table with columns: L19K, White Mountain, 86.46 10, P, P, 15 22 07.4 -0.2, M20K, Styx River, 86.46 11, P, P, 15 22 06.9 -0.9, K17K, Kitchikan, 86.47 8, P, P, 15 22 07.7 +0.1, KAIM, Kayak Island, 86.50 15, IAMB, IAMB, 15 22 09.2, KAIM, Kayak Island, 86.50 15, P, P, 15 22 07.5 -0.4, SUA, Susitna One, 86.51 12, P, P, 15 22 07.4 -0.6, MA2, Magadan, 86.51 344, P, P, 15 22 07.6 -0.3, MA2, Magadan, 86.51 344, cP, P, 15 22 08.5 +0.6, MA2, Magadan, 86.51 344, pmax, pmax, D08A, Wollman Farm, 86.63 35, IAMB, IAMB, 15 22 10.4, VHRN, Van Horn, 86.63 55, IAMB, IAMB, 15 22 11.5, V35K, Ketchikan, 86.66 24, P, P, 15 22 09.3 +0.6, SIT, Sitka, 86.71 21, P, P, 15 22 09.2 +0.3, U33K, Whale Pass, 86.72 23, IAMB, IAMB, 15 22 10.9, U33K, Whale Pass, 86.72 23, P, P, 15 22 08.9 0.0, GLI, Glacier Island, 86.72 14, P, P, 15 22 08.5 -0.4, EYAK, Cordova Ski Ar, 86.73 15, P, P, 15 22 09.1 +0.1, EYAK, Cordova Ski Ar, 86.73 15, P, P, 15 22 09.1 +0.1, J16K, Anvik River, 86.74 7, IAMB, IAMB, 15 22 11.5, J16K, Anvik River, 86.74 7, P, P, 15 22 08.8 -0.1, FID, Port Fidalgo, 86.75 14, IAMB, IAMB, 15 22 09.4, MNXT, Cornudas Mount, 86.78 54, P, P, 15 22 10.7 +0.7, Y22D, IRIS PASCALL I, 86.83 51, P, P, 15 22 10.8 +0.5, SKT, Skwentna, 86.84 11, P, P, 15 22 08.2 -1.3, RAGM, Ragged Mounta, 86.84 15, IAMB, IAMB, 15 22 10.6, F10A, Bear Branch, E, 86.87 37, IAMB, IAMB, 15 22 10.9, M22K, Willow, 86.89 12, P, P, 15 22 09.1 -0.5, L20K, Farewell, AKR, 86.90 10, P, P, 15 22 08.9 -0.8, HMT, Hamilton, 86.90 15, IAMB, IAMB, 15 22 10.7, KNK, Knik Glacier, 86.92 13, IAMB, IAMB, 15 22 10.9, KNK, Knik Glacier, 86.92 13, P, P, 15 22 09.2 -0.6, PMR, Palmer, 86.94 13, P, P, 15 22 09.8 -0.1, PMR, Palmer, 86.94 13, IAMB, IAMB, 15 22 13.4, PMR, Palmer, 86.94 13, P, P, 15 22 09.4 -0.5, TXAR, Lajitas Array, 86.94 57, P, P, 15 22 11.8 +0.9, TXAR, Lajitas Array, 86.94 57, LR, LR, 15 52 46.5, BGCL, Bering Glacier, 86.95 16, P, P, 15 22 10.7 +0.7, SRU, San Rafael Sw, 86.98 45, IAMB, IAMB, 15 22 12.4, GSI, Gunungsitoli, 87.02 273, P, P, 15 22 14.6 +3.1, GSI, Gunungsitoli, 87.02 273, P, P, 15 22 12.9 +1.4, J17K, VABM Dome, 87.03 8, IAMB, IAMB, 15 22 12.8, J17K, VABM Dome, 87.03 8, P, P, 15 22 11.0 +0.7, P17A, Butcher Ranch, 87.03 45, IAMB, IAMB, 15 22 13.0, HLID, Hailey, 87.05 40, P, P, 15 22 11.2 +0.1, S31K, Pelican, 87.14 20, IAMB, IAMB, 15 22 12.5, S31K, Pelican, 87.14 20, P, P, 15 22 11.7 +0.7, WRAK, Wrangell Islan, 87.23 23, IAMB, IAMB, 15 22 14.7, WRAK, Wrangell Islan, 87.23 23, P, P, 15 22 11.8 +0.4, B08A, Colville Reser, 87.23 34, IAMB, IAMB, 15 22 12.6, S32K, Killisnoo, 87.29 21, P, P, 15 22 11.7 +0.1, SML, Sawmill, 87.30 13, IAMB, IAMB, 15 22 24.6, SML, Sawmill, 87.30 13, P, P, 15 22 12.2 +0.5, I17K, Unalakleet, 87.32 7, P, P, 15 22 12.4 +0.7, MVCO, Mesa Verde, 87.33 48, P, P, 15 22 13.0 +0.3, MESA, MESA, 87.34 16, P, P, 15 22 13.1 +0.9, BMRM, Bremner River, 87.37 15, P, P, 15 22 12.0 -0.1, J18K, Innoko River, 87.41 9, IAMB, IAMB, 15 22 13.2, J18K, Innoko River, 87.41 9, P, P, 15 22 12.1 -0.1, M23K, Glacier View, 87.41 13, P, P, 15 22 12.0 -0.3, C09A, Chrisman Ranch, 87.44 35, IAMB, IAMB, 15 22 13.9, CUT, Chulitna, 87.46 12, P, P, 15 22 12.2 -0.2, TCUT, Toone Canyon, 87.50 43, IAMB, IAMB, 15 22 14.9, SCM, Sheep Creek Mo, 87.53 13, P, P, 15 22 12.7 -0.2, KLU, Klutina, 87.53 14, IAMB, IAMB, 15 22 15.9, KLU, Klutina, 87.53 14, P, P, 15 22 13.5 +0.6, CRQK, Cirque, 87.54 16, IAMB, IAMB, 15 22 14.1, CRQK, Cirque, 87.55 16, P, P, 15 22 12.7 -0.3, PPLA, Purkeypile, 87.57 11, P, P, 15 22 12.6 -0.6, BSUT, Blindstream Ca, 87.60 44, IAMB, IAMB, 15 22 15.5, ANMO, Albuquerque, 87.60 50, P, P, 15 22 14.0 -0.1, ANMO, Albuquerque, 87.60 50, IAMB, IAMB, 15 22 16.0, ANMO, Albuquerque, 87.60 50, P, P, 15 22 14.5 +0.4, ANMO, Albuquerque, 87.60 50, LR, LR, 15 53 30.6, ANMO, Albuquerque, 87.60 50, cP, P, 15 22 14.8 +0.8, ANMO, Albuquerque, 87.60 50, pmax, pmax, PNL, Peninsula, 87.60 18, P, P, 15 22 14.7 +1.5, PNL, Peninsula, 87.60 18, P, P, 15 22 13.0 -0.2, ISLE, Juniper Island, 87.61 16, IAMB, IAMB, 15 22 14.4, TGL, Tana Glacier, 87.62 16, IAMB, IAMB, 15 22 14.5, K20K, Telda, 87.69 10, P, P, 15 22 13.1 -0.4, PINM, Pinnacle, 87.72 17, P, P, 15 22 14.1 +0.3, PECS, Pecos, 87.75 55, IAMB, IAMB, 15 22 16.5, GRNC, Granite Creek, 87.87 16, IAMB, IAMB, 15 22 15.8, VRDI, Verde Repeater, 87.87 15, IAMB, IAMB, 15 22 15.7, N25K, Chitina, Valde, 87.93 15, IAMB, IAMB, 15 22 15.8, N25K, Chitina, Valde, 87.93 15, P, P, 15 22 15.0 +0.2, R32K, Eaglecrest, 87.94 21, P, P, 15 22 15.4 +0.6

24d 15h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Gilahina Butte, Juneau Island, Juneau and, Nakonsritamar, Tolsona, Glenn, etc.

2018 JUN

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Boulder Array, Pinedale Array, PDAR, WFLW, DLBC, etc.

1376

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Red Dog Mine, Red Dog Mine, Porcupine Dome, etc.

Main table containing astronomical data for various objects, including names like PZH, TOLK, H29M, etc., and their corresponding coordinates and magnitudes.

24d 15h

Table of radio stations with columns for call sign, name, frequency, and other details. Includes stations like PRA Prague, VOIR, MOX, PRU, etc.

2018 JUN

Table of radio stations for KRSC 24:15:11.11.3.1, 4.8.84Kx156.05E, h33km, 22km, MI3.8, East of Kuril Islands. Includes stations like SKR Severo-Kuril's, SKR, KDR, etc.

1378

Table of radio stations for YRD Yardimli, YRD, KZRT, etc. Includes stations like YRD, KZRT, KZRT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Popocatepetl, Tepich, Tegucigalpa, Los Arroyos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Davao City (W), Ternate, Cibinong, Gorontalo, etc.

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

DJA 24 15:30:29.91, 0.6'N, 2.12'W, h14km, 8km, M4, 7/11, mB5.2/7, mb4.7/11, MLV4.8/10, Mw(MB)4.6/7. NEIC 24 15:30:32.2, 1.3, 5.69N, 0.06x125.47E, 0.10, h7km, 8km, mb4.5/57, Error ellipse: s-maj=14.3km s-min=8.4km az=88.0. IDC 24 15:30:32.4, 1.2, 5.68N, 125.41E, h91km, 10km, mb3.8/16, mbtmp3.4/17, Error ellipse: s-maj=24.7km s-min=11.1km az=80.0

Table with columns: NEEM, North Greenlan, 8.83 263, i P, Pn, 17 00 56.0 +1.8, 17 02 28.6 -5.1, 17 03 29.3

IDC 24 17:17:46.2, 1.6, 3.75S, 129.08E, h0km, mb3.8/4, mbtmp3.8/5, ML3.9/1, MS3.1/4, Error ellipse: s-maj=136.8km s-min=15.0km az=73.0

Main table for 1381 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

JMA 24 17:23:03.9, 0.1, 25°N, 122°4E, 0.4, h17km, 3km, MV2.2/2, TAIWAN REGION

Main table for 1381 (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for 2018 JUN with columns: ANP, ANPU, YHNB, YHENG, NSK, SANGANG, NSK, NSK, TW2, CHIANG, NNSB, DATONG, NNSB, DATONG, PCYT, PENGCHAI, NNS, NANSHAN, NNS, NANSHAN, TWS1, KUANGYINSHAN, ETM, TONGMEN, LXIB, XIULIN TOWNSH, LXIB, FUSHU, FUSU, WUFENG TOWNSH, WHF, HEHUAN SHAN, TWT, TACHEN, TDCB, TECHI, TDCB, SHILIN, LIQB, EMEI, NSTT, NANJIANG, IRIF, IRIMOTE-FUNAY, CHGB, RENAI, CHGB, OWB, RENAI, WARBT, FENGLIN TOWNSH, EGFH, GUANGTA, WUB, RENAI, WHP, TAICHUNG CITY, NMLH, MIAOLI, VWDT, VWDT, HGSD, RUISUI, WCS, BEIGANG ELEMEN, TWQ1, LIYUAN, JKRS, KUROSHIMA, EHY, HUNGYE, SMLT, SUN MOON LAKE, SSSL, SUANGLUNG, TYC, YUCHR, JJJ, ISHIGAKI JIMA, JJJ, YULI, EYUL, YULI, TWFI, YULI, WHYT, XINYI TOWNSHIP, JISG, ISHIGAKIJIMAH, CHKH, CHENGNGO, WNT, MINGJIAN, FULB, FULI, CHKT, CHENGKUNG, ELDTW, LIDAU, EDH, DONGHE, EDH

DJA 24 17:28:51.8, 0.6, 7°S, 10°11'E, h236km, 5km, M3.5/10, MLV3.5/10

Main table for 2018 JUN (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table for 24d 17h with columns: KURBB, KURCHATOV, MAW, MAWSON, PETK, PETROPAVLOVSK, VNSA, VANDA, BOSAS, BOSAS, QSPA, SOUTH POLE QUI

IDC 24 17:29:32.5, 1.2, 1.14S, 16.07W, h0km, mb4.0/7, mbtmp4.1/8, ML3.4/1, MS3.6/24, Error ellipse: s-maj=49.0km s-min=28.1km az=132.0

Main table for 24d 17h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

DJA 24 17:39:17.6, 1.2, 3°S, 13°1'E, h291km, 16km, M3.7/8, mb3.9/2, mb4.3/1, MLV3.6/8, MW(MB)3.5/1

Main table for 24d 17h (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

0.9nm,1.1s
ILAR Eielson Array 85.18 12 P P 18 00 38.0 -0.4
0.3nm,0.6s,baz=190,slow=4.6,SNR=1.2
0.3nm,0.6s

IDC 24 18:02:41.3;-1.7,13.51N;-92.25W,h0km,mb3.9/5,
mbmp3.9,9,ML4.0/4,MS3.1/5,Error ellipse: s-maj=42.2km
s-min=21.6km az=33.0
NEIC 24 18:02:41.5;-2.2,13.41N;-06.92;36W;0.06,h10km,1km,
mb4.5/91,MD4.4/45(MEX),Error ellipse: s-maj=11.8km
s-min=7.0km az=218.0
CATAC 24 18:02:42.4;0.7,13.31N;-92.28W,h11km,8km,MB5.0,
mb4.6,ML4.3
SNET 24 18:02:42.5;0.9,13.36N;-92.39W,h50km,ML3.9
MEX 24 18:02:43.1;-0.7,13.39N;-92.52W,h5km,MD4.4
GCG 24 18:03:00.5;-1.1,14.38N;-91.52W,h30km,9km,MD4.1
ISC 24 18:02:43.5;-3.2,13.31N;-06.92;47W;0.04,h3km,24km,
n189,r185/197,mb4.5/45,MS3.4/1C,Off coast of
Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like SULM, RTAL, THIG, etc.

Table with columns: CMIG, Matias Romero, 4.42 329 eP, Pn, 18 03 48.0 -0.6. Lists stations like CMIG, LCND, CNCH, etc.

Table with columns: TKL, Tuckaleechee C, 23.59 18 P P, 18 07 50.6 -1.1. Lists stations like TKL, T42A, T35A, etc.

DJA 24 18:05:13.1;-1.1,8.54;-12.8E, h18km,9km,MA.6/12,
mb4.5/9,mb5.0/2,MLv4.6/12,Mw(mB)4.3/2
NEIC 24 18:05:14.5;-2.5,7.60S;0.09;128.05E;0.09,h144km,10km,
mb4.0/8,Error ellipse: s-maj=13.2km s-min=12.4km
az=202.0

IDC 24 18:05:15.4;-4.5,7.63S;-127.83E, h157km,44km,mb3.3/6,
mbmp4.0/8,MS2.4/1,Error ellipse: s-maj=41.4km
s-min=19.1km az=56.0
ISC 24 18:05:13.8;-0.6,7.67S;0.06;-127.99E;0.05,h142km,n49,
r184/52,mb3.5/7,Banda Sea

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

Table with columns: Station Name, Az, El, SNR, and other technical details for stations like ASAR Alice Springs, ASOI Alice Springs, QIS Mount Isa, etc.

Table with columns: Station Name, Az, El, SNR, and other technical details for stations like TPRI Tanjung Pinang, LEM Lembang, LEM Lemang, etc.

Table with columns: Station Name, Az, El, SNR, and other technical details for stations like XLT XiLinHaoTe, STKA Stephens Creek, HTT Hallett, etc.

BJI 24 18:16:44.7-0.0, 5.01N, 126.36E, h100km, mb4.6/54, mB4.8/17
DJA 24 18:16:48.6-0.3, 5.1N, 126.36E, h79km, 3km, M4.7/43, mb4.9/43, mB5.2/18, MLV5.1/12, Mw(MB)4.6/18, Mw(Mwp)7.4/1, Mwp7.1/1
NEIC 24 18:16:49.2-2.4, 5.11N, 126.24E, 0.09, h96km, 6km, mb4.6/12.9, Error ellipse: s-maj=13.7km s-min=8.2km az=70.0
IDC 24 18:16:51.7-0.9, 5.45N, 126.15E, h114km, 7km, mb4.3/36, mbmp4.6/38, MS3.1/15, Error ellipse: s-maj=14.3km s-min=7.5km az=81.0
ISC 24 18:16:50.6-0.8, 5.44N, 126.31E, 0.06, h107km, 7km, m4.93, 0.09/45/1, mb4.6/12, 2C-2D, Mindanao

Main table with columns: Code, Station Name, Az, El, SNR, and other technical details for stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

Main table with columns: Station Name, Az, El, SNR, and other technical details for stations like PSAA0 Pilbara Seismi, PSAA0 Pilbara Seismi, PSAA0 Pilbara Seismi, etc.

Main table with columns: Station Name, Az, El, SNR, and other technical details for stations like CAN Canberra, CAN Canberra, CAN Canberra, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, etc. Includes stations like P08K Saint George I, AKTO Aktyubinsk, UNV Unalaska Valle, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, etc. Includes stations like B20K Meade River, F20K Avaraart Lake, E20K Nigu River, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, etc. Includes stations like D25K Kavir River, D25K Kavir River, Q23K Midjiron Isnr, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DAG, Cerveca-Dubn, HFS, NB2, NOA, NEEM, DBG, YKA, GERES, SCHO, AMTX, KSU1, TXAR, JFWS, TORDI, GLMI, JCT, 833A, MIAR, O48B, ERPA, WCI, ACSO, LBVH, P52A, BINY, SSPA, TZTN, DBIC, PLCA, JTS, CPUP, LPAZ, LPAZ.

IDC 24 18:23:51.4, 18.0, 18.83N, 155.95W, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=381.7km s-min=50.0km az=35.0
HVO 24 18:23:55.7, 1.0, 19.40N, 01:15:276W, 0.008, h0km, 3km, ML3.8/29, mb4.4/5(NEIC), ML3.2/31(NEIC), Error ellipse: s-maj=1.8km s-min=1.1km az=173.0
NEIC 24 18:23:56.2, 1.5, 19.42N, 01:15:294W, 0.008, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.6km az=200.0
ISC 24 18:23:56.1, 0.8, 19.41N, 01:15:287W, 0.003, h3km, 2.4km, n44, r122/39, mb4.3/7, Hawaiian Islands

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OBL, RIM, KEO, UWB, BVL, UWE, SBLH, WRMH, HATHI, HATHI, HATHI, SDHH, RSD, PUH, PUH, PNH, KNUH, HLP, HLP, HLP, MLH, MLH, MLH, MLH, STCH, HTC, JOKA, JOKA, HMM, MLOA, MLOA, MLOA, KHU, KHU, KHU, HPO, POHA, POHA, HUH, IS9U, CPH, HPAH, H11N3, H11N2, H11N1, R32K, R32K.

Table with columns: M29M, PDLR, ILAR, I30M, TXAR, TXAR, HILA, H29M, H29M, INK. Includes stations like Somme Creek, Pinedale Array, Mount Dempster, Lajitas Array, Lajitas Array, High Level, Whitestone, Inuvik.

IDC 24 18:32:57.6, 1.3, 60.11N, 151.78W, h56km, 13km, mb3.6/13, mbmp3.9/17, MS2.4/2, Error ellipse: s-maj=14.3km s-min=8.6km az=107.0
NEIC 24 18:32:59.4, 1.2, 60.09N, 04:15:11.44W, 0.03, h75km, 4km, Error ellipse: s-maj=5.4km s-min=1.5km az=194.0, Moment Tensor Solution, Moment tensor: Scale 1015N/m; Mo=0.71; Ms=1.26; Mss=0.54; Mo=0.23; Ms=0.62; Mo=0.36; Fault plane solution: Mo1.33000x10^15 NP1: 252.11000, 863.03000, 36.75000; NP2: 61.43000, 857.78000, 147.58000; Principal axes: T 1.1388, Plg44.0000, Azm110.0000; N 0.3161, Plg46.0000, Azm283.0000; P -1.4549, Plg3.0000, Azm17.0000
AEIC 24 18:33:00.2, 1.8, 60.03N, 04:15:11.43W, h75km, 4km, ML4.0, mb4.1/12(NEIC), ML4.1/18(NEIC), M4.0/68(NEIC) Error ellipse: s-maj=6.0km s-min=4.0km az=219.0
NEIC 24 18:33:00.3, 60.06N, 151.45W, h73km
ISC 24 18:32:59.4, 0.6, 60.05N, 04:15:11.43W, 0.003, h78km, 6km, n441, r074/419, mb3.9/20, Kenai Peninsula

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BRLL, BRLL, HOM, HOM, HOM, HOM, BRSE, BRSE, BRSE, CNPM, CNPM, CNPM, CNPM, RDT, CAPN, CAPN, CAPN, SLKM, RED, RDSO, RDSO, RSO, IVE, RDWB, RDWB, NCT, NCT, O22K, O22K, O22K, O22K, P19K, P19K, SEW, SEW, SPU, SPU, SPU, AU22, AU22, N20K, FIS, FIS, SPCP, SPCP, SPCG, SPCG, SPCG, RC01, RC01, RC01, SUA, SUA, SUA, SUTL, SUTL, SYI, SYI, Q20K, Q19K, Q19K, N19K, N19K, M22K, M22K, O18K, O18K, O18K, O18K, PMR, PMR, PMR, PMR.

Table with columns: SKT, SKT, SKT, SKT, M20K, M20K, M20K, P18K, P18K, P18K, GHO, GHO, GHO, N18K, N18K, KAHC, KAHC, SML, SML, KDAK, KDAK, KDAK, M19K, M19K, M19K, CUT, CUT, CUT, HIN, HIN, HIN, M23K, M18K, Q23K, Q23K, MID, MID, P17K, P17K, SCM, SCM, SCM, L19K, L19K, L19K, L20K, KELA, ANCK, O17K, EYAK, EYAK, EYAK, PPLA, CNTC, CNTC, CNTC, CNTC, O17K, O17K, R18K, R18K, R18K, OHAK, OHAK, OHAK, WAT7, WAT7, WAT6, WAT6, WAT1, M17K, M17K, M17K, M24K, L18K, RAGM, RAGM, O16K, O16K, O16K, O16K, CAST, CAST, P16K, P16K, BMRM, BMRM, KAIM, KAIM, KAIM, KTH, KTH.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Pine Mountain, PETK, IMW, etc.

ADC 24 18:33:31.8-0.5, 8.95S: 108.47W, h0km, mb4.4/17, mbmp4.4/17, Error ellipse: s-maj=23.2km s-min=13.7km

NEIC 24 18:33:32.0-1.7, 9.2S: 0.1x108.7W: 0.2, h 10km, 1km, mb4.9/352, Error ellipse: s-maj=26.9km s-min=19.3km

GCMT 24 18:33:38.0-0.2, 9.03S: 0.01x108.31W: 0.1, h14km, 1km, MW5.3/127, Moment Tensor Solution... s103,c147; s127,c183; Duration: 1s0 Moment tensor: Scale 1017 Nm; Mn-0.10z-0.02; Mxx0.53z-0.02; Mxy-0.42z-0.03; Mz-0.15z-0.04; Mxx0.84z-0.02; Mxy1.14z-0.04; Best double couple: Mo: 990000x1017 NP1: 104.00000z, 883.00000z, -1.11.00000z. NP2: 196.00000z, 879.00000z, -1.73.00000z. Principal axes: T 1.0210, P1g3.0000z, Azm150.0000z, N -0.0810, P1g7.0000z, Azm253.0000z; P -0.9600, P1g13.0000z, Azm59.0000z. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 18:33:33.6-0.3, 9.04S: 0.07x108.49W: 0.06, h15km, n637, c086/483, mb4.9/184.5C, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like PAYG, JUD3, MTO3, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like 214A, BRDY, TUC, CO03, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like S22A, LRAL, SDCO, etc.

24d 18h

Table with columns for station code, name, elevation, frequency, and coordinates. Includes stations like ITTB Haituba, ITQB Itaquí, MOOW Moose Ponds, NPGD Novo Progresso, HLID Halley, etc.

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Table with columns for station code, name, elevation, frequency, and coordinates. Includes stations like S31K Pelican, R33M Jennings River, P32M Atlin, YKA Yellowknife Ar, etc.

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Table with columns for station code, name, elevation, frequency, and coordinates. Includes stations like SML Sawmill, K27K Chicken, K27K Chickadee, P19K Oil Pt, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like F28M Old Crow, N16K Nishiki Lake, CHUM Lake Inchumin, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like H18K Honhosa River, TOLK Toolik Lake Re, TOLK Toolik Lake Re, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like KURBB, GTA Gaotai, MKAR Makanchi Arr, etc.

DC 24 18:35:32.5, 2.3, 36.40N:69.95E, h223km, 21km, mb3.2/11, mbmp3.8/17, Error ellipse: s-maj=18.8km s-min=13.8km az=173.0

NEIC 24 18:35:29.1, 3.1, 36.47N:0.70:08:00E, 0.1, h230km, 9km, mb4.4/7, Error ellipse: s-maj=12.8km s-min=10.8km az=63.0

NNC 24 18:35:44.3, 11.0, 37.48N:70.04E, h227km, 225km, mb2.7, mpv3.9, Error ellipse: s-maj=138.8km s-min=76.0km az=3.0

ISC 24 18:35:31.6, 0.6, 36.46N:0.06:70:05E, 0.05, h213km, n68, 196/77, mb3.6/15, 2C-3D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like KBL Kabul, SIMJ Simiganj, DRK Karamyk, etc.

24d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PHRA Phrae, HHC Hu-ho-hao-te, etc.

ISC 24 18:39:00.5:6.6, 6:49N:72:47W, h0km, mb3.2/2, mbmp3.3/3, ML2.1/1, MS4.2/1, Error ellipse: s-maj=126.7km s-min=30.2km az=112.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAME Arauca, BARC Barichara, PAMC Pamplona, etc.

NNC 24 18:39:18.7:12.0, 38:27N:70:42E, h225km, 225km, mb2.6, mpv3.8, Error ellipse: s-maj=162.5km s-min=58.7km

KRNET 24 18:39:19.3:0.1, 38:19N:70:23E, mb3.5, ISC 24 18:39:19.8:2.2, 39:00N:01:70:28E, h10km, n9, <289/14, 14C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTK Batken, DRK Karamyk, OHH Osh, etc.

ISC 24 18:43:00.5:2.0, 6:99S:155:04E, h0km, mb3.6/3, mbmp3.7/4, ML1.7/1, MS4.0/1, Error ellipse: s-maj=96.8km s-min=26.9km az=140.0, Bougainville-Solomon Islands region

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

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

IDC 24 18:43:41.8:0.5, 8:94S:108:41W, h0km, mb4.7/20, mbmp4.7/20, MS5.5/49, Error ellipse: s-maj=18.1km s-min=13.3km az=67.0

NEIC 24 18:43:42.9, 9:01S:108:55W, h10km, MOS 24 18:43:42.9, 1.4, 8:86S:108:25W, h10km, mb5.4/27, MS5.3/16, Error ellipse: s-maj=11.3km s-min=9.2km az=84.7

NEIC 24 18:43:42.9, 9:01S:108:55W, h20km, NEIC 24 18:43:42.9, 9:11S:108:45W, h20km, Moment Tensor Solution. Duration: 4s1 Moment tensor: Scale 10^7Nm; Mn:0.24; M0:1.47; M0:1.71; M0:2.75; M0:7.16; M0:4.81; Fault plane solution: M0.94000x10^17 NP1:0.5.42000x10^17, <82.61000, <146.80000. NP2:0.100.23000x10^17, <18.81000. Principal axes: T 10.0010, Plg28.0000, Azm318.0000; N -1.9201, Plg56.0000, Azm174.0000; P -8.0809, Plg17.0000, Azm57.0000;

IPGP 24 18:43:42.0, 9:03S:108:54W, h13km, Mw5.9, Fault plane solution: NP1:0.123.0000x10^17, <86.0000, <-168.0000; NP2:0.93.0000x10^17, <78.0000, <-4.0000;

NEIC 24 18:43:43.3:1.9, 9:02S:107:108:5W, 0.1, h10km, mb1km, mb5.4/548, Ms. 20.5, 6:94S, Mw5.8/42, Mw5.9/32, Error ellipse: s-maj=20.2km s-min=7.7km az=298.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:0.27; M0:1.68; M0:1.95; M0:1.84; M0:5.51; M0:0.88; Fault plane solution: M0.5.93000x10^17 NP1:0.279.73000x10^17, <80.11000, <17.10000. Principal axes: T 5.9190, Plg12.0000, Azm144.0000; N 0.0277, Plg78.0000, Azm334.0000; P -5.9467, Plg2.0000, Azm234.0000;

BUJ 24 18:43:45.0:0.0, 9:00S:108:50W, h25km, mb5.5/21, Ms6.0/50, Ms7.5/947

GCMT 24 18:43:47.3:0.1, 8:97S:108:33W, h16km, Mw5.9/172, Moment Tensor Solution. s153.c311; s172.c545; Duration: 2s1 Moment tensor: Scale 10^17Nm; Mn:0.29; M0:1.57; M0:1.86; M0:1.35; M0:1.35; M0:7.07; M0:1.31; <14. Best double couple: M0.8.00500x10^17 NP1:0.276.0000x10^17, <89.0000, <179.0000; NP2:0.186.0000x10^17, <80.0000, <142.0000; N 0.2790, Plg80.0000, Azm280.0000; P -8.1410, <166.0000, <Azmi1.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 24 18:43:43.3:0.2, 9:19S:104:108:48W, 0.05, h15km, n1322, <2819/1057, mb5.3/288, MS5.6/532, 7C-8D, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, PAVN Paitira Ayon, TLG Tlapa, etc.

1390

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSG Chaparral WMA, 833A Chaparral WMA, TX31 Lajitas Arr, etc.

1391

Table with columns: Station ID, Name, Comp, Az, El, Azimuth, Elevation, Date, Time, Frequency, Bandwidth, Modulation, Signal, Noise, SNR, etc. Includes stations like Mohawk Valley, Popeta, San Esteban, etc.

2018 JUN

Table with columns: Station ID, Name, Comp, Az, El, Azimuth, Elevation, Date, Time, Frequency, Bandwidth, Modulation, Signal, Noise, SNR, etc. Includes stations like Needles Airpor, Mt. Pleasant, Quimbuelo, etc.

24d 18h

Table with columns: Station ID, Name, Comp, Az, El, Azimuth, Elevation, Date, Time, Frequency, Bandwidth, Modulation, Signal, Noise, SNR, etc. Includes stations like Little Creek M, Dewep, Trinidad, etc.

O53A	S	S	19 00 58.4	-1.1
CPSB	55.34 121	eP	P	18 53 16.8 -0.1
CBW	55.37 30	P	P	18 53 15.5 -1.3
MCWN	55.38 27	Iamb	Iamb	18 53 27.2
MCWV	55.38 27	IAMS_20	IAMS_20	19 15 59.2
MCWV	55.38 27	P	P	18 53 15.6 -1.3
MCWV	55.40 349	IAMS_20	IAMS_20	19 12 24.7
G05A	55.42 119	eP	P	18 53 17.8 +0.2
ALGR	55.46 122	eP	P	18 53 17.5 -0.2
PLTB	55.47 353	Iamb	Iamb	18 53 39.2
F10A	55.48 153	LR	LR	19 11 36.4
USHA	55.54 349	Iamb	Iamb	18 53 37.7
HOOD	55.58 26	IAMS_20	IAMS_20	19 12 47.4
HOOD	55.58 26	IAMS_20	IAMS_20	19 16 12.3
O54A	55.58 103	eP	P	18 53 18.4 -0.4
ARAG	55.66 2	Iamb	Iamb	18 53 31.0
LAO	55.66 2	P	P	18 53 17.0 -1.9
LAO	55.76 114	eP	S	19 01 03.1 -1.4
PTGB	55.82 31	IAMS_20	IAMS_20	19 14 55.0
S61A	55.88 347	IAMS_20	IAMS_20	19 12 10.3
HEBO	55.90 153	IAMS_20	IAMS_20	19 11 30.4
MG01	55.98 13	Iamb	Iamb	18 53 22.6
SPMN	55.98 13	P	P	18 53 19.2 -1.9
SPMN	55.98 13	S	S	19 01 07.0 -1.7
MSO	55.98 355	IAMS_20	IAMS_20	19 13 38.7
MSO	55.98 355	P	P	18 53 19.3 -1.9
MSO	55.99 117	eP	P	18 53 23.7 +2.1
ITAB	56.06 22	P	P	18 53 20.2 -1.5
AAM	56.08 28	S	S	19 01 08.5 -1.3
P57A	56.20 98	eP	P	18 53 22.9 -0.4
SNDB	56.23 351	IAMS_20	IAMS_20	19 13 40.5
E08A	56.25 110	eP	P	18 53 24.1 +0.5
PCMB	56.28 348	IAMS_20	IAMS_20	19 11 56.9
F04A	56.50 25	P	P	18 53 23.2 -1.6
M53A	56.54 10	S	S	19 01 13.2 -2.6
LDASE	56.50 112	eP	P	18 53 25.0 -0.4
F03A	56.52 347	IAMS_20	IAMS_20	19 12 32.2
F04D	56.55 348	IAMS_20	IAMS_20	19 12 12.9
G40A	56.66 15	Iamb	Iamb	18 53 27.7
D08A	56.77 351	IAMS_20	IAMS_20	19 14 25.6
MCPB	56.84 84	eP	P	18 53 27.9 +0.1
LON	56.95 349	Iamb	Iamb	18 53 44.2
LON	56.98 359	IAMS_20	IAMS_20	19 13 13.6
EGMT	56.98 359	Iamb	Iamb	18 53 39.9
EGMT	56.98 359	IAMS_20	IAMS_20	19 14 19.0
EGMT	56.98 359	P	P	18 53 27.1 -1.1
ITRB	57.01 107	eP	P	18 53 30.1 +1.1
RADR	57.03 347	IAMS_20	IAMS_20	19 12 58.9
SSPA	57.05 27	P	P	18 53 27.2 -1.6
SSPA	57.05 27	Iamb	Iamb	18 53 46.8
SSPA	57.05 27	IAMS_20	IAMS_20	19 16 17.4
SSPA	57.05 27	P	P	18 53 27.3 -1.5
SSPA	57.10 348	IAMS_20	IAMS_20	19 12 50.7
E03A	57.24 350	Iamb	Iamb	18 54 01.1
LTY	57.24 350	IAMS_20	IAMS_20	19 13 17.0
MVL	57.27 29	IAMS_20	IAMS_20	19 16 05.3
MDND	57.33 7	P	P	18 53 29.4 -1.3
MDND	57.33 7	S	S	19 01 26.1 -0.4
M55A	57.33 26	Iamb	Iamb	18 53 32.7
M55A	57.34 25	P	P	18 53 29.4 -1.5
ERPA	57.34 25	S	S	19 01 24.2 -2.7
ERPA	57.38 119	eP	P	18 53 32.2 +0.6
CNLB	57.40 352	Iamb	Iamb	18 53 38.5
C09A	57.40 352	Iamb	Iamb	18 53 39.6
D05A	57.40 351	IAMS_20	IAMS_20	19 13 27.6
MDP	57.44 78	LR	LR	19 15 52.1
DGMT	57.53 3	IAMS_20	IAMS_20	19 15 08.7
DGMT	57.53 3	P	P	18 53 30.7 -1.4
DGMT	57.53 3	S	S	19 01 28.5 -0.7
WUPA	57.58 30	IAMS_20	IAMS_20	19 16 21.5
WISH	57.69 348	IAMS_20	IAMS_20	19 13 30.2
COWI	57.71 16	Iamb	Iamb	18 53 35.3
NEW	57.71 353	IAMS_20	IAMS_20	19 13 51.6
NEW	57.71 353	P	P	18 53 32.3 -1.1
NEW	57.71 353	S	S	19 01 31.2 -0.4
NEW	57.71 353	LR	LR	19 14 01.9
N58A	57.76 28	Iamb	Iamb	18 53 51.6
NL8A	57.92 20	P	P	18 53 33.4 -1.4
G5MI	57.92 112	eP	P	18 53 35.8 +0.4
FRTB	57.92 349	Iamb	Iamb	18 53 54.2
GNW	57.92 349	IAMS_20	IAMS_20	19 13 00.4

M57A	57.96 28	Iamb	Iamb	18 53 53.1
M57A	57.97 348	IAMS_20	IAMS_20	19 16 25.4
NLWA	57.97 348	Iamb	Iamb	18 53 47.2
NLWA	58.16 92	eP	P	18 53 36.9 -0.3
PRPB	58.17 26	IAMS_20	IAMS_20	19 17 50.8
WVNV	58.21 29	Iamb	Iamb	18 53 39.1
LUPA	58.21 29	IAMS_20	IAMS_20	19 16 32.1
LUPA	58.32 10	Iamb	Iamb	18 53 39.3
AGMN	58.32 10	P	P	18 53 36.3 -1.3
AGMN	58.32 10	S	S	19 01 37.5 -1.8
L56A	58.40 27	IAMS_20	IAMS_20	19 17 14.1
BBSR	58.46 43	IAMS_20	IAMS_20	19 14 25.9
KSPA	58.76 28	IAMS_20	IAMS_20	19 17 23.7
BB19B	58.77 109	eP	P	18 53 43.1 +1.7
TER01	58.78 118	eP	P	18 53 41.8 +0.5
EYMN	58.84 13	Iamb	Iamb	18 53 43.0
EYMN	58.84 13	P	P	18 53 40.1 -1.2
EYMN	58.86 25	IAMS_20	IAMS_20	19 15 51.1
J54A	58.95 29	IAMS_20	IAMS_20	19 17 03.8
ODNJ	59.02 105	eP	P	18 53 43.5 +0.4
IPMB	59.09 348	IAMS_20	IAMS_20	19 14 12.1
PGC	59.16 28	IAMS_20	IAMS_20	19 17 20.3
BINY	59.16 28	P	P	18 53 42.2 -1.4
BINY	59.16 28	S	S	19 01 50.0 -0.7
TRNY	59.18 30	IAMS_20	IAMS_20	19 17 20.9
J55A	59.20 26	Iamb	Iamb	18 53 57.3
J55A	59.23 30	IAMS_20	IAMS_20	19 18 21.2
PAL	59.23 30	P	P	18 53 42.2 -1.8
PAL	59.24 103	Iamb	Iamb	18 53 55.4
BDFB	59.24 103	P	P	18 53 44.2 -0.5
BDFB	59.34 27	IAMS_20	IAMS_20	19 17 30.0
K57A	59.38 348	IAMS_20	IAMS_20	19 14 05.1
CLRS	59.39 19	Iamb	Iamb	18 53 56.0
E46A	59.59 28	IAMS_20	IAMS_20	19 17 28.7
L59A	59.63 26	Iamb	Iamb	18 53 48.5
J56A	59.63 26	IAMS_20	IAMS_20	19 18 02.5
WSPt	59.64 30	IAMS_20	IAMS_20	19 17 11.2
RCLB	59.75 111	eP	P	18 53 48.1 0.0
SADO	59.89 24	LR	LR	19 19 13.1
SPB	59.89 112	P	P	18 53 48.4 -0.7
SPB	59.89 112	Iamb	Iamb	18 54 00.8
SPB	59.89 112	IAMS_20	IAMS_20	19 16 04.8
SPB	59.95 90	IAMS_20	IAMS_20	19 17 50.6
YLE	60.07 95	eP	P	18 53 50.5 0.0
SMTB	60.20 9	Iamb	Iamb	18 53 59.6
ULM	60.20 9	P	P	18 53 49.1 -1.5
VAO	60.29 111	P	P	18 53 51.3 -0.6
VAO	60.29 111	P	P	18 53 52.8 +0.9
DELO	60.30 25	Iamb	Iamb	18 53 53.1
DELO	60.39 27	IAMS_20	IAMS_20	19 19 16.2
SSPA	60.39 27	IAMS_20	IAMS_20	19 17 59.8
UCCT	60.60 30	IAMS_20	IAMS_20	19 18 03.1
PMNB	60.70 106	eP	P	18 53 56.1 +1.3
CBB	60.79 348	IAMS_20	IAMS_20	19 15 05.3
L61B	60.92 30	IAMS_20	IAMS_20	19 18 31.0
L61B	60.92 30	P	P	18 53 54.1 -1.5
L61B	61.16 28	S	S	19 02 11.1 -2.2
ACCN	61.16 28	IAMS_20	IAMS_20	19 17 55.1
K62A	61.30 30	IAMS_20	IAMS_20	19 18 51.1
NCB	61.35 28	IAMS_20	IAMS_20	19 18 36.3
HRV	61.52 30	IAMS_20	IAMS_20	19 18 28.9
HRV	61.52 30	P	P	18 53 58.4 -1.3
HRV	61.52 30	S	S	19 02 19.1 -1.7
PARB	61.54 112	eP	P	18 54 01.2 +0.8
WBO	61.69 26	Iamb	Iamb	18 54 02.7
WBO	61.69 27	IAMS_20	IAMS_20	19 19 14.0
LONY	61.69 27	Iamb	Iamb	18 54 02.8
LONY	61.69 27	IAMS_20	IAMS_20	19 18 51.2
LONY	61.69 27	P	P	18 53 59.8 -1.0
LONY	62.05 259	IAMS_20	IAMS_20	19 14 37.9
AFI	62.28 27	IAMS_20	IAMS_20	19 19 32.7
BSCB	62.28 109	eP	P	18 54 05.8 +0.5
SDBA	62.41 99	eP	P	18 54 06.3 0.0
ESAR	62.62 111	eP	P	18 54 09.5 +2.0
LBNH	62.63 29	eP	P	18 54 05.5 -1.6
LBNH	62.63 29	S	S	19 02 35.1 +0.3
MNTQ	62.81 27	IAMS_20	IAMS_20	19 19 32.7
JANB	62.83 102	eP	P	18 54 10.0 +0.8
TRQ	62.96 26	IAMS_20	IAMS_20	19 19 54.6
I63A	63.14 30	IAMS_20	IAMS_20	19 19 08.7
H62A	63.25 29	IAMS_20	IAMS_20	19 19 45.5
DIAM	63.33 106	eP	P	18 54 13.7 +1.1
BBB	63.42 347	LR	LR	19 16 47.0
VAS01	63.53 110	eP	P	18 54 15.8 +2.2
PMSA	63.54 160	P	P	18 54 14.9 +2.1
PMSA	63.54 160	IAMS_20	IAMS_20	19 13 33.7
PMSA	63.54 160	LR	LR	19 15 01.9

PMSA	63.54 160	eP	P	18 54 16.4 +3.6
FFC	63.91 4	P	P	18 54 13.1 -2.3
FFC	63.91 4	Iamb	Iamb	18 54 25.2
FFC	63.91 4	P	P	18 54 13.1 -2.3
FFC	63.91 4	Pmax	Pmax	18 54 13.1 -2.3
FFC	63.91 4	MLR	MLR	18 54 18.2
WVL	63.97 30	Iamb	Iamb	18 54 18.2
WVL	64.02 29	IAMS_20	IAMS_20	19 19 32.5
G62A	64.02 29	IAMS_20	IAMS_20	19 20 19.0
ROSB	64.23 89	eP	P	18 54 20.5 +2.1
DUB01	64.52 110	eP	P	18 54 21.6 +1.5
PKME	64.65 30	Iamb	Iamb	18 54 29.1
PKME	64.65 30	IAMS_20	IAMS_20	19 20 04.7
PKME	64.65 30	P	P	18 54 18.2 -2.3
F62A	64.79 29	Iamb	Iamb	18 54 23.6
F62A	64.79 29	IAMS_20	IAMS_20	19 20 25.3
SMAI	64.87 164	Iamb	Iamb	18 54 39.1
F63A	65.06 29	Iamb	Iamb	18 54 25.3
F63A	65.06 29	IAMS_20	IAMS_20	19 19 46.5
CAM01	65.18 110	eP	P	18 54 25.8 +1.4
DIB	65.43 344	IAMS_20	IAMS_20	19 15 22.1
E62A	65.53 28	P	P	18 54 20.6 -5.5
E62A	65.53 28	IAMS_20	IAMS_20	19 21 07.8
F64A	65.54 30	IAMS_20	IAMS_20	19 20 40.3
JOHN	65.64 293	IAMS_20	IAMS_20	19 14 08.4
SJMB	65.68 106	eP	P	18 54

24d 18h

2018 JUN

Table with columns: Station ID, Name, Frequency, Class, Power, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like P33M, P33M Teslin, Yulon, RCBR Riachuelo, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like M29M, NNZ Nelson, VRDI Verde Repeater, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like L26K, RPZ Rata Peaks, MENT Mentana, etc.

24d 18h

2018 JUN

1396

Table with columns for station ID, name, coordinates, and values. Includes stations like F24K, M13K, L15K, A36M, COLD, J17K, H20K, IMAR, L14K, G22K, DZM, GCSA, K15K, E24K, G21K, C27K, J16K, E23K, P08K, H19K, H19K, D25K, F22K, F21K, F21K, F21K, C26K, I17K, I17K, I17K, H18K, H18K, TOLK, TOLK, TOLK, M11K, SP1A, D24K, D24K, D24K, G19K, G19K, G19K, K13K, K13K, J14K, J14K.

Table with columns for station ID, name, coordinates, and values. Includes stations like J14K, H17K, H17K, H17K, F20K, F20K, F20K, D23K, D23K, G18K, G18K, G18K, C24K, C24K, F19K, F19K, F19K, D22K, D22K, D22K, E21K, E21K, E21K, E21K, G17K, H16K, H16K, C23K, C23K, C23K, E19K, E19K, E19K, RES, RES, F18K, F18K, VNA3, VNA3, E20K, E20K, KOUNC, G16K, G16K, G16K, C21K, C21K, F17K, F17K, F17K, G15K, G15K, D20K, D20K, VNA1, B21K, B21K, B21K, ANM, ANM, ANM, D19K, D19K, D19K, E18K, E18K, E18K, VNA2, VNA2, B22K, B22K, B22K, G19K, G19K, E17K, E17K, F15K, F15K, F15K, B20K, B20K.

Table with columns for station ID, name, coordinates, and values. Includes stations like B20K, B20K, B20K, F14K, F14K, C19K, C19K, C19K, A22K, A22K, D17K, D17K, D17K, C18K, C18K, C18K, RDOG, RDOG, RDOG, SNA, SNA, SNA, SNA, SNA, TNA, TNA, C17K, C17K, A21K, A21K, A21K, B18K, B18K, B18K, SFJD, SFJD, GAMB, GAMB, GAMB, A19K, A19K, A19K, C16K, C16K, C16K, TROLL, TROLL, TROLL, H11S2, H11S2, H11S1, H11S1, H11S3, H11S3, H11N3, H11N3, H11N2, H11N2, H11N1, H11N1, SHEM, SHEM, HNR, HNR, HNR, ANG, ANG, SUMG, SUMG, ELIB, ELIB, CAN, CAN, BILL, BILL, BORG, BORG, BORG, SCOR, SCOR, SCOR, PET, PET, PET, PET, PET, PET, PET, PET, PET, PET, PVFI, PVFI, MORF, MORF, MA2, MA2, COI, COI, AVE, AVE, MTE, MTE, ESK, ESK, PAB, PAB, GUMO, GUMO, TIXI, TIXI, ASAR, ASAR, TORD, TORD, WRO, WRO, KONA, KONA, YAK, YAK, WLF, WLF, KEV, KEV, MAHO, MAHO, ECH, ECH, MAJO, MAJO.

24h 20h

Table of station data for 24h and 20h periods, including station names, codes, and various parameters like frequency and power.

Station coordinates and names: IDC 24:19:34:44.6, 0.5, 3.19S, 130.58E, h0km, mb4.3/18, mbmp4.3/20, ML3.6/2, MS4.4/3, Error ellipse: s-maj=26.8km s-min=9.6km az=77.0, DJA 24:19:34:49.0, 0.7, 3.3'S, 2.13'E, h13km, 5km, M4.8/39, mB5.3/10, mb5.0/39, MLV4.7/14, Mw(mB)4.8/10, NEIC 24:19:34:50.8, 2.0, 3.18S, 0.07, 130.54E, 0.07, h40km, 7km, mb4.7/46, Error ellipse: s-maj=11.6km s-min=9.2km az=214.0, ISC 24:19:34:48.8, 0.3, 1.0S, 0.04, 130.68E, 0.03, h24km, n168, r=175/172, mb4.7/58, MS4.8/8, 2C=2D.

Main table of station data for 24h and 20h periods, including station names, codes, and various parameters like frequency and power.

2018 JUN

Main table of station data for 2018 JUN, including station names, codes, and various parameters like frequency and power.

1400

Main table of station data for 1400, including station names, codes, and various parameters like frequency and power.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LATG Datong, TWE Neicheng, ILA Ilan, etc.

Station information and coordinates: IDC 24 20:39:54.8, 3.4, 36.03N, 71.36E, h69km, 29km, mb3.6/11, mbtmp3.9/15, ML3.9/5, Error ellipse: s-maj=25.3km...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCH Uchtor, EKS52 ERKIN-SAY, AAK Ala-Archa, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, HFS Hagfors, NB2 NORSAR Subarra, etc.

CATAC 24 21:07:25.0, 5.9, 93.7N, 84.79W, h7km, 4km, ML3.5. UCR 24 21:07:26.7, 1.1, 9.48N, 84.30W, h11km, 4km, MW3.8...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BITO Garabito Jaco, CBL1 Cabuya, TRB2 Turubares, etc.

TAP 24 21:34:51.1, 23.97N, 121.92E, h43km, ML1.9, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA Hwalien, TEYL Yanliu Villag, TWD Chiawan, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LATG Datong, NNSB Datong, OWD Renai, etc.

JMA 24 21:35:03.9, 0.2, 24.2N, 0.4, 123.8E, 0.4, h19km, 4km, MW1.1/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, HATJ Haterama jima, JKRS Kuro-shima, etc.

SJA 24 21:57:01.4, 1.3, 22.98S, 68.93W, h80km, ML3.7, MW3.8. GUC 24 21:57:03.8, 0.2, 23.01S, 69.15W, h110km, 3km, ML4.0...

NEIC 24 21:57:03.0, 0.7, 22.98S, 0.03, 69.14W, 0.04, h116km, 5km, n69, c147/98, mb3.9/4, 6C-2D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB15 IPOC Station P, LVC Limon Verde, LVC Limon Verde, etc.

24d 22h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Sitkinak Island, Myrtle Point, Gold Mountain, etc.

2018 JUN

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like GRNR, GRNR, GRNR, Q20K, etc.

1404

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J14K, J14K, P23K, L17K, etc.

1405

ANMO	Albuquerque	90.00	51	P	Iamb	Iamb	22 27 48.7 +1.1
ANMO	Albuquerque	90.00	51	P	Iamb	Iamb	22 27 50.3
ANMO	Albuquerque	90.00	51	LR	LR	LR	22 27 48.9 +1.3
ANMO	Albuquerque	90.00	51	P	pmx	pmx	23 00 20.5
ANMO	Albuquerque	90.00	51	P	pmx	pmx	22 27 48.7 +1.1
WRAK	Wrangeli Islan	90.05	23	P			22 27 48.1 +1.1
I17K	Unalakleet	90.08	7	Iamb	Iamb	Iamb	22 27 49.3
I17K	Unalakleet	90.08	7	P	P	P	22 27 48.2 +1.2
S32K	Killisnoo	90.11	21	P	P	P	22 27 48.4 +1.2
SML	Sawmill	90.11	13	Iamb	Iamb	Iamb	22 28 07.8
SML	Sawmill	90.11	13	P	P	P	22 27 47.7 +0.4
CO03	EI Pedregal	90.12	124	Iamb	Iamb	Iamb	22 27 50.0
T33K	Petersburg	90.14	23	P	P	P	22 27 49.1 +1.7
BSUT	Blindstream Ca	90.15	44	Iamb	Iamb	Iamb	22 27 50.9
MESA	MESA	90.17	17	P	P	P	22 27 48.9 +1.2
J18K	Innoko River	90.19	9	P	P	P	22 27 48.4 +0.8
BMRM	Bremner River	90.19	15	P	P	P	22 27 48.6 +0.9
M23K	Glacier View	90.22	14	P	P	P	22 27 48.1 +0.4
CUT	Chulitna	90.27	12	P	P	P	22 27 48.5 +0.6
ANN	Nome	90.29	5	P	P	P	22 27 48.6 +0.6
SCM	Sheep Creek Mo	90.34	14	P	P	P	22 27 48.9 +0.5
KLU	Klutina	90.35	14	Iamb	Iamb	Iamb	22 27 50.3
KLU	Klutina	90.35	14	P	P	P	22 27 49.5 +1.1
CRQE	Cirque	90.37	16	P	P	P	22 27 49.2 +0.6
PPLA	Purkeypile	90.37	11	P	P	P	22 27 47.3 -1.3
PNL	Peninsula	90.43	18	P	P	P	22 27 50.0 +1.2
PNL	Peninsula	90.43	18	P	P	P	22 27 49.8 +1.0
ISLE	Juniper Island	90.43	16	pP	pP	pP	22 28 24.5 +3.5
K20K	Telida	90.48	10	Iamb	Iamb	Iamb	22 27 50.6
K20K	Telida	90.48	10	P	P	P	22 27 49.4 +0.4
R31K	City Hall, Gus	90.49	20	P	P	P	22 27 50.5 +1.5
P1NM	Pinnacle	90.55	18	P	P	P	22 27 50.5 +1.1
CM1G	Matias Romero	90.57	17	LR	LR	LR	22 29 31.7
HVIK	Elim	90.65	6	P	P	P	22 27 50.2 +0.6
N25K	Chitina, Valde	90.75	15	P	P	P	22 27 51.3 +1.0
R32K	Eaglecrest	90.77	21	P	P	P	22 27 51.6 +1.2
GLB	Gilahina Butte	90.79	15	Iamb	Iamb	Iamb	22 27 52.4
JIS	Juneau Island	90.81	21	P	P	P	22 27 52.1 +1.6
G15K	Niukluk	90.83	6	P	P	P	22 27 51.3 +0.9
M24K	Tolsona, Glenn	90.83	14	P	P	P	22 27 52.0 +1.3
P19K	Poorman	90.85	9	P	P	P	22 27 51.4 +0.8
J99K	Windy Craggy	90.87	19	Iamb	Iamb	Iamb	22 27 52.9
P29M	Windy Craggy	90.87	19	P	P	P	22 27 52.0 +1.1
CAST	Castle Rocks	90.87	11	Iamb	Iamb	Iamb	22 27 55.2
CAST	Castle Rocks	90.87	11	P	P	P	22 27 50.0 -0.8
WAT6	Susitna Watana	90.93	13	P	P	P	22 27 51.6 +0.4
MCARA	McCarthy VSAT	90.93	16	P	P	P	22 27 52.1 +1.1
LOGN	Logan Glacier	90.96	17	Iamb	Iamb	Iamb	22 27 53.4
WAT1	Susitna Watana	90.99	13	P	P	P	22 27 51.6 +0.3
CTG	Chitna Glacier	91.00	17	P	P	P	22 27 52.6 +1.1
NEW	Newport	91.04	35	P	P	P	22 27 52.5 +0.6
NEW	Newport	91.04	35	P	P	P	22 27 52.4 +0.5
NEW	Newport	91.04	35	LR	LR	LR	23 04 30.2
TNA	Tin City	91.10	4	P	P	P	22 27 52.6 +0.9
F14K	Arctic Creek	91.12	5	P	P	P	22 27 52.7 +0.9
O28M	Mount Upton	91.13	17	P	P	P	22 27 53.4 +1.0
PLBC	Pleasant Camp	91.14	20	P	P	P	22 27 53.5 +1.5
TIY	Taiyuan	91.18	312	pP	pP	pP	22 27 54.9 +2.0
TIY	Taiyuan	91.18	312	pP	pP	pP	22 38 12.2 +0.5
TIY	Taiyuan	91.18	312	pP	pP	pP	22 38 44.4 +1.1
TIY	Taiyuan	91.18	312	pP	pP	pP	22 39 23.6 +2.2
O29M	Mount Kennedy	91.18	18	Iamb	Iamb	Iamb	22 27 54.9
O29M	Mount Kennedy	91.18	18	P	P	P	22 27 53.8 +1.3
H17K	Granite Mounta	91.19	7	Iamb	Iamb	Iamb	22 27 53.8
H17K	Granite Mounta	91.19	7	P	P	P	22 27 52.6 +0.5
AHID	Auburn Hatcher	91.19	42	Iamb	Iamb	Iamb	22 27 55.4
KTH	Kantishna Hill	91.20	11	Iamb	Iamb	Iamb	22 27 57.1
S22A	4UR Ranch, Cre	91.21	48	Iamb	Iamb	Iamb	22 27 55.9
S22A	4UR Ranch, Cre	91.21	48	P	P	P	22 27 54.6 +1.3
T35M	Bob Quinn	91.23	24	Iamb	Iamb	Iamb	22 27 55.7
T35M	Bob Quinn	91.23	24	P	P	P	22 27 54.3 +1.7
J20K	Nowinta River	91.24	10	P	P	P	22 27 53.0 +0.7
CHUM	Lake Minchumini	91.26	11	P	P	P	22 27 52.1 -0.4
HARP	HAARP	91.32	14	P	P	P	22 27 53.6 +0.8
G16K	Koyuk River	91.38	6	Iamb	Iamb	Iamb	22 27 54.9
G16K	Koyuk River	91.38	6	P	P	P	22 27 53.8 +0.8
GCSA	Galena City Sc	91.38	9	P	P	P	22 27 53.8 +0.8
ODSA	Odessa	91.39	55	Iamb	Iamb	Iamb	22 27 56.5
AC05	EI Transito	91.43	123	Iamb	Iamb	Iamb	22 27 56.9
SEY	Seymchan	91.44	347	ceP	pmx	pmx	22 27 54.1 +0.8
DHY	Denali Highway	91.44	13	Iamb	Iamb	Iamb	22 27 55.3
DHY	Denali Highway	91.44	13	P	P	P	22 27 53.8 +0.2
SKAG	Skagway	91.45	20	P	P	P	22 27 55.6 +2.1
SKAG	Skagway	91.45	20	Iamb	Iamb	Iamb	22 27 56.5
SKAG	Skagway	91.45	20	P	P	P	22 27 54.9 +1.4
F15K	North Star Dit	91.48	5	Iamb	Iamb	Iamb	22 27 55.3

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F15K	North Star Dit	91.48	5	P	P	P	22 27 54.0 +0.6
P30M	Million Dollar	91.50	19	P	P	P	22 27 55.3 +1.5
O20A	White River Ci	91.54	46	P	P	P	22 27 55.1 +0.5
DRI0	Del Rio	91.54	58	Iamb	Iamb	Iamb	22 27 56.7
H18K	Honhosa River	91.58	8	Iamb	Iamb	Iamb	22 27 55.5
H18K	Honhosa River	91.58	8	P	P	P	22 27 54.4 +0.3
S34M	Telegraph Cree	91.62	23	Iamb	Iamb	Iamb	22 27 57.1
S34M	Telegraph Cree	91.62	23	P	P	P	22 27 56.1 +1.8
G17K	Kiwalik Mounta	91.65	7	P	P	P	22 27 54.9 +0.6
YUK8	Steele Glacier	91.68	17	P	P	P	22 27 55.8 +1.0
TPAW	Teton Pass	91.69	42	Iamb	Iamb	Iamb	22 27 57.8
BPAW	Bear Paw Mtn.	91.69	11	P	P	P	22 27 53.6 -0.9
FXWY	Fox Creek	91.73	42	Iamb	Iamb	Iamb	22 27 58.1
MCK	McKinley	91.73	12	P	P	P	22 27 54.9 +0.2
PAX	Pax	91.75	14	P	P	P	22 27 55.1 +0.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	22 27 56.5 +0.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 14.9 +1.9
XAN	Xi'an	91.76	307	pP	pP	pP	22 38 46.8 +1.0
XAN	Xi'an	91.76	307	pP	pP	pP	22 39 31.9 +5.2
XAN	Xi'an	91.76	307	pP	pP	pP	

24d 23h

mbmp4.3/9, Error ellipse: s-maj=35.3km s-min=17.6km az=169.0
NEIC 24 23:47:45.9e.1.7.23:8S:0:1:179:6W:0:2, h535km, 12km, mb4.5/32, Error ellipse: s-maj=23.2km s-min=19.9km az=131.0

ISC 24 23:47:44.6e.0.6.23:89S:008:179:68W:0:10, h512km, n53,e1937/53, mb4.3/21, South of Fiji Islands

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

ISC 24 23:53:57.9e.1.0.9:08S:109:13W, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=48.8km s-min=24.9km az=77.0

ISC 24 23:53:59.1e.1.0.9:15:0:2:109:2W:0:3, h10km, n20, o#82/11, mb3.6/6, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the second event.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the first event in the 2018 JUN section.

IDC 24 23:55:07.1e.0.8:89S:108:58W, h0km, mb3.9/9, mbmp3.9/9, MS3.9/2, Error ellipse: s-maj=38.4km s-min=19.3km az=67.0

NEIC 24 23:55:07.3e.1.3.9:35:0:1:108:7W:0:2, h10km, 1km, mb4.6/163, Error ellipse: s-maj=27.3km s-min=17.7km az=200.0

GCMT 24 23:55:09.3e.0.4.9:12S:0:02:108:50W:0:02, h20km, 1km, MMS:0/104, Moment Tensor Solution: s18,c20; s104,c131; Duration: 0 Moment tensor: Scale 1016Nm; Mn:0.61+15; Mw:1.53+12; Mw:0.91+12; Mw:0.55+21; Mw:2.63+10; Mw:2.03+30; Best double couple: M3:0.6700x1016 Np1:0.16.000000, s84.000000, lambda:143.000000. NP2:0.281.000000, s83.000000, lambda:7.000000. Principal axes: T 3.8000, Plg21.0000, Azm143.0000; N -0.3840, Plg25.0000, Azm23.0000; P -3.4140, Plg30.0000, Azm245.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 23:55:08.0e.0.6.9:15S:0:09:108:6W:0:1, h15km, n186, o#77/171, mb4.6/87, 2C, Central East Pacific Rise

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their associated data points for the 2018 JUN section.

1410

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the 1410 section.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, YUK3 Moose Creek, O28M Mount Upton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BUR08 Bucovina Ar. S, BURAR Bucovina Array, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRN 25 01:36:02.4, 11.66N.60.35W, h26km, MD3.8, North-east of Tobago, Windward Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCR 25 01:46:03.6, 1.2, 9.63N.84.80W, h22km, gkm, MW3.6, CATAC 25 01:46:03.0, 0.4, 9.60N.84.79W, h5km, 6km, ML3.1, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HVO 25 02:08:10.0, 1.3, 19.39N.0.01, 155.270W, 0.006, h0km, 5km, ML3.5/25, ML3.1/38(NEIC), Error ellipse: s-maj=1.7km, s-min=0.5km, az=155.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RIM Rim, KKO Keanakako'i, SDHH Sand Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NPOC North of P'u'u, NPOC North of P'u'u, JUJZ Jacuzi, etc.

1415 2018 JUN 25d 2h

K20K	baz=205 Telida	43.90	1	P	P	02 20 31.1 -0.4	G15K	baz=201 Niuluk	45.91	355	P	P	02 20 48.0 +0.5	E23K	Chandalar	48.75	3	P	P	02 21 10.2 +0.5
DHY	Denali Highway	43.95	5	P	P	02 20 31.3 -0.8	POKR	Poker Plat Res	45.96	5	P	P	02 20 47.5 -0.4	G29M	Pine Creek	48.76	9	P	P	02 21 10.5 +0.9
DHY	Denali Highway	43.95	5	P	P	02 20 32.9 +0.8	K29M	Barlow Dome	45.99	11	P	P	02 20 49.1 +0.8	F26K	Sheepik River	48.77	6	P	P	02 21 10.4 +0.6
J16K	Anvik River	43.97	357	P	P	02 20 33.7 +1.6	H20K	Anotleneega Mo	46.04	0	P	P	02 20 48.4 -0.2	E20K	Nigu River	48.82	360	P	P	02 21 10.8 +0.6
J17K	VABM Dome	44.01	358	P	P	02 20 33.7 +1.3	H19K	Roundabout Mou	46.08	359	P	P	02 20 50.5 +1.7	E24K	Your Creek	48.82	3	P	P	02 21 10.5 +0.3
CAST	Castle Rocks	44.01	2	P	P	02 20 31.4 -1.0	H19K	Roundabout Mou	46.08	359	P	P	02 20 49.5 +0.8	RDOG	Red Dog Mine	48.85	356	P	P	02 21 11.6 +1.3
CAST	Castle Rocks	44.01	2	P	P	02 20 33.8 +1.3	G16K	Koyuk River	46.18	356	P	P	02 20 50.4 +0.8	E21K	Killik River	49.01	1	P	P	02 21 12.0 +0.4
J18K	Innokko River	44.01	359	P	P	02 20 31.0 -1.4	G17K	Kiwalik Mouna	46.19	357	P	P	02 20 49.8 +0.1	SAND	Sanderson	49.06	67	P	Iamb	02 21 12.8 +0.2
J18K	Innokko River	44.01	359	P	P	02 20 33.5 +1.0	H21K	Melozitna Rive	46.23	1	P	P	02 20 49.6 -0.5	SAND	Sanderson	49.06	67	P	Iamb	02 21 20.8
PAX	Paxson	44.03	6	P	P	02 20 32.7 0.0	MNTX	Cornudas Mount	46.30	64	P	P	02 20 50.3 -0.8	E25K	Arctic Village	49.07	5	P	P	02 21 11.6 -0.4
OVMT	Ovando	44.07	41	P	P	02 20 31.4 -1.9	EGAK	Eagle	46.30	8	P	P	02 20 50.0 -0.5	E25K	Arctic Village	49.07	5	P	P	02 21 13.8 +1.8
TPAW	Teton Pass	44.11	47	P	P	02 20 33.7 -0.1	EGAK	Eagle	46.30	8	P	P	02 20 51.2 +0.7	D19K	Kuna River	49.09	359	P	P	02 21 12.3 +0.2
TPAW	Teton Pass	44.11	47	P	Iamb	02 20 33.7 -0.1	J29N	Klondike Camp	46.44	10	P	P	02 20 50.9 -0.9	D19K	Kuna River	49.09	359	P	P	02 21 12.5 +0.3
REDW	Red Top Mountain	44.14	47	P	P	02 20 34.4 +0.4	EGMT	Eagleton	46.46	41	P	P	02 20 50.7 -1.5	G30M	IAoh Zraii Nji	49.10	10	P	P	02 21 13.1 +0.8
RND	Reindeer	44.16	4	P	Iamb	02 20 33.6 -0.1	G18K	Tagewik	46.50	358	P	P	02 20 52.5 +0.4	RSSD	Black Hills	49.10	48	P	Iamb	02 21 11.7 -1.3
RND	Reindeer	44.16	4	P	Iamb	02 20 44.4	H22K	Ishlaitina Cre	46.51	2	P	P	02 20 52.1 -0.2	RSSD	Black Hills	49.10	48	P	Iamb	02 21 17.9
KTH	Kantishna Hill	44.19	3	P	P	02 20 34.5 +0.6	PRP	Porcupine Dome	46.52	6	P	Iamb	02 20 52.1 -0.4	RSSD	Black Hills	49.10	48	P	P	02 21 12.7 -0.2
N31M	Braeburn, Yuko	44.20	13	P	P	02 20 34.9 +0.9	PRP	Porcupine Dome	46.52	6	P	P	02 20 52.1 -0.4	F28M	Old Crow	49.16	8	P	Iamb	02 21 13.5 +0.7
RDMU	Red Mountain	44.27	51	P	P	02 20 35.4 +0.3	PRP	Porcupine Dome	46.52	6	P	P	02 20 52.1 -0.4	F28M	Old Crow	49.16	8	P	Iamb	02 21 42.0
RDMU	Red Mountain	44.27	51	P	Iamb	02 20 45.8	H23K	Yukon River	46.53	3	P	P	02 20 52.1 -0.3	F28M	Old Crow	49.16	8	P	Iamb	02 21 42.0
121A	Cookes Peak, D	44.32	63	P	P	02 20 36.3 +0.8	H23K	Yukon River	46.53	3	P	P	02 20 52.5 +0.1	F28M	Old Crow	49.16	8	P	Iamb	02 21 42.0
L26K	Log Cabin Wild	44.33	8	P	P	02 20 35.1 +0.1	I26K	Coal Creek Min	46.56	7	P	P	02 20 52.7 +0.1	KSCO	Kaye Shedlock'	49.22	55	P	P	02 21 13.1 -0.7
L26K	Log Cabin Wild	44.33	8	P	Iamb	02 20 40.8	F14K	Arctic Creek	46.60	354	P	P	02 20 53.4 +0.5	KSCO	Kaye Shedlock'	49.22	55	P	P	02 21 13.6 -0.2
MVCO	Mesa Verde	44.36	56	P	P	02 20 36.5 +0.6	VHRN	Van Horn	46.60	66	P	Iamb	02 20 51.4 -2.2	C16K	Lisburne Hills	49.24	355	P	P	02 21 14.3 +1.0
BOZ	Bozeman (W)	44.38	44	P	P	02 20 37.0 +1.2	VHRN	Van Horn	46.60	66	P	Iamb	02 20 59.9	D20K	Etivluk River	49.28	359	P	P	02 21 16.0 +2.4
LOHW	Long Hollow	44.39	47	P	Iamb	02 20 34.8 -1.3	H24K	Noodor Dome	46.64	4	P	Iamb	02 20 53.2 0.0	C17K	DeLong Mountai	49.28	356	P	P	02 21 16.1 +2.4
LOHW	Long Hollow	44.39	47	P	Iamb	02 20 42.5	H24K	Noodor Dome	46.64	4	P	Iamb	02 20 54.9	PETK	Petrovavlovsk-	49.32	324	P	P	02 21 16.2 +2.0
CHUM	Lake Minchumin	44.47	2	P	P	02 20 35.9 -0.1	H24K	Noodor Dome	46.64	4	P	Iamb	02 20 52.8 -0.5	PETK	Petrovavlovsk-	49.32	324	P	P	02 21 16.2 +2.0
MCK	McKinley	44.48	4	P	P	02 20 36.0 -0.2	H24K	Noodor Dome	46.64	4	P	Iamb	02 20 52.8 -0.5	PETK	Petrovavlovsk-	49.32	324	P	P	02 21 16.2 +2.0
N32M	Quiet Lake	44.53	15	P	P	02 20 38.1 +1.5	F15K	North Star Dit	46.67	355	P	P	02 20 54.2 +0.8	TOLK	Toolik Lake Re	49.33	3	P	P	02 21 16.4 +2.3
J19K	Poorman	44.53	360	P	Iamb	02 20 36.7 +0.1	G19K	Purcell Mouna	46.71	359	P	Iamb	02 20 54.7 +1.0	C18K	Utukok River	49.35	357	P	P	02 21 15.7 +1.4
J19K	Poorman	44.53	360	P	Iamb	02 20 56.6	G19K	Purcell Mouna	46.71	359	P	Iamb	02 21 14.5	G31M	Satah River	49.37	11	P	Iamb	02 21 12.4 -1.9
J19K	Poorman	44.53	360	P	P	02 20 36.5 -0.1	SDCO	Great Sand Dun	46.80	56	P	Iamb	02 20 54.5 -0.8	G31M	Satah River	49.37	11	P	Iamb	02 21 19.4
M29M	Somme Creek	44.53	11	P	Iamb	02 20 35.2 -1.6	SDCO	Great Sand Dun	46.80	56	P	Iamb	02 21 04.9	G31M	Satah River	49.37	11	P	Iamb	02 21 16.1 +1.8
M29M	Somme Creek	44.53	11	P	P	02 20 44.3	SDCO	Great Sand Dun	46.80	56	P	Iamb	02 21 54.3 -1.0	D22K	Ayikyak River	49.47	1	P	P	02 21 15.7 +0.6
M29M	Somme Creek	44.53	11	P	P	02 20 35.5 -1.2	TNA	Tin City	46.86	353	P	P	02 20 54.0 -0.9	E27K	Coleen River	49.51	7	P	Iamb	02 21 15.7 +0.3
L27K	Beaver Creek,	44.57	9	P	P	02 20 36.0 -0.9	J30M	Hart River	46.88	11	P	P	02 20 54.7 -0.6	E27K	Coleen River	49.51	7	P	Iamb	02 21 18.3
L27K	Beaver Creek,	44.57	9	P	P	02 20 38.0 +1.0	J30M	Hart River	46.88	11	P	Iamb	02 21 04.4	E27K	Coleen River	49.51	7	P	Iamb	02 21 15.7 +0.3
I17K	Unalakleet	44.58	357	P	P	02 20 38.8 +2.0	J30M	Hart River	46.88	11	P	P	02 20 54.0 -1.3	E27K	Coleen River	49.51	7	P	Iamb	02 21 15.7 +0.3
BCAR	Beaver Creek A	44.58	9	P	P	02 20 37.3 +0.3	J30M	Hart River	46.88	11	P	P	02 20 55.6 -1.0	AMTX	Amarillo	49.57	60	P	P	02 21 15.9 -0.6
J20K	Nowinta River	44.73	1	P	P	02 20 38.1 0.0	K22A	Casper	46.99	49	P	Iamb	02 20 55.6 -1.0	D23K	Nanushuk River	49.61	2	P	P	02 21 16.8 +0.6
J20K	Nowinta River	44.73	1	P	P	02 20 38.1 0.0	K22A	Casper	46.99	49	P	Iamb	02 21 01.8	C21K	Knifeblade Rid	49.72	0	P	P	02 21 18.2 +1.2
BPBW	Bear Paw Mtn.	44.74	3	P	P	02 20 38.0 -0.2	K22A	Casper	46.99	49	P	Iamb	02 20 55.6 -1.0	C19K	Lookout Ridge	49.74	358	P	P	02 21 18.1 +0.9
BPBW	Bear Paw Mtn.	44.74	3	P	P	02 20 38.5 +0.3	N23A	Red Feather La	47.02	52	P	P	02 20 56.1 -0.9	F30M	Barrier River	49.74	10	P	P	02 21 18.0 +0.9
K24K	Donnelly Dome	44.81	6	P	P	02 20 40.4 +1.6	I27K	Kandik River	47.03	8	P	P	02 20 56.9 +0.6	D24K	Happy Valley	49.88	3	P	P	02 21 18.8 +0.6
BW06	Boulder Array	44.87	48	P	P	02 20 40.3 +0.5	G21K	Allakak	47.08	1	P	P	02 20 57.4 +0.8	OZNA	Ozona	49.92	66	P	Iamb	02 21 19.4 +0.2
PDAR	Pinedale Array	44.87	48	P	P	02 20 39.0 -0.9	I28M	Miner Creek	47.11	9	P	P	02 20 56.6 -0.3	OZNA	Ozona	49.92	66	P	Iamb	02 21 26.9
PDAR	Pinedale Array	44.87	48	P	P	02 20 39.9 +0.1	F17K	Baldwin Pennin	47.15	357	P	P	02 20 58.0 +0.8	F31M	Tsigieghtich	49.93	11	P	P	02 21 18.4 -0.2
PDAR	Pinedale Array	44.87	48	P	P	02 20 39.9 +0.1	H25L	Birch Creek	47.23	5	P	P	02 20 58.2 +0.4	F31M	Tsigieghtich	49.93	11	P	P	02 21 19.2 +0.6
BWN	Brownie	44.89	4	P	P	02 20 38.8 -0.6	F18K	Selawik	47.24	358	P	P	02 20 58.6 +0.8	OGNE	Ogallala	49.95	52	P	P	02 21 18.8 -0.4
M30M	Minto, Yukon	44.97	12	P	P	02 20 38.9 -1.2	Q24A	Divide	47.27	55	P	P	02 20 58.8 -0.1	B18K	Kokolik River	50.09	357	P	P	02 21 20.8 +1.0
M30M	Minto, Yukon	44.97	12	P	P	02 20 41.6 +1.5	I29M	Ogilvie Camp,	47.27	10	P	Iamb	02 20 58.7 +0.5	DKNS	Dickens	50.14	62	P	P	02 21 20.5 -0.3
TOAD	Toad River Com	45.00	22	P	P	02 20 40.3 -0.1	I29M	Ogilvie Camp,	47.27	10	P	Iamb	02 21 17.0	E28M	Babbage River	50.14	7	P	P	02 20 20.8 +0.6
M31M	Drury Creek, Y	45.14	14	P	P	02 20 41.8 +0.3	G23K	Banzaan Creek	47.39	3	P	P	02 20 58.5 +0.3	E28M	Babbage River	50.14	7	P	P	02 21 21.1 +0.9
O20A	White River Ci	45.15	52	P	P	02 20 41.3 -0.8	F19K	Shalerucik Mo	47.41	359	P	P	02 20 59.4 +0.3	E29M	Blow River	50.15	8	P	Iamb	02 21 20.6 +0.3
SCRK	Sand Creek	45.17	7	P	P	02 20 42.4 +0.5	I30M	Mount Dempster	47.46	11	P	P	02 21 00.2 +1.0	E29M	Blow River	50.15	8	P	Iamb	02 21 20.6 +0.3
SCRK	Sand Creek	45.17	7	P	P	02 20 42.4 +0.5	I30M	Mount Dempster	47.46	11	P	Iamb	02 20 59.4 -0.4	B21K	Ikpikuk River	50.19	0	P	P	02 21 20.3 -0.2
L29M	L29M	45.21	11	P	P	02 20 41.9 -0.1	I30M	Mount Dempster	47.46	11	P	Iamb	02 21 05.5	D25K	Kavik River	50.19	4	P	P	02 21 21.2 +0.6
L29M																				

25d 2h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like KSU1 Kansas State U, ECSD EROS Data Cent, TUL3 Leonard, etc.

2018 JUN

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like SSPA Standing Stone, CBN Corbin Frederi, CNNO Cliffs of the, etc.

1416

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like BORG Borgarnes, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WFSB Wu-fen Shan, NDS Dongshan, EWUT Wuta, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

BGR 25 02:28:17.5, 20:46S:177:43W, h33km
NEIC 25 02:29:20.8, 22.18: 80S:0:10:177:7W, 0.1, h554km, 5km,
mb4,7/303, Error ellipse: s-maj=14.7km s-min=13.4km
az=148.0
IDC 25 02:29:21.9, 0.5, 18:72S:177:74W, h566km, 5km, mb4,2/20,
mbImp5.1/23, Error ellipse: s-maj=9.5km s-min=8.0km
az=137.0
NOU 25 02:29:21.6, 18:75S:177:52W, h574km, ML4.9/69, Fiji
Islands Region
ISC 25 02:29:21.5, 0.3, 18:85S:0:04:177:64W, 0.05,
h570km, 3km, h571km, P-P, n958, o195934, mb4,8/207,
56C-55D, Fiji Islands Region

Code Station Name Az Az' Phase ID Time Res Res
MSVF Nonsavu 4.24 285 P P 02 30 48.5 +1.7
MSVF Nonsavu 4.24 285 P P 02 30 48.2 +1.5
NIUE Niue 7.30 93 P P 02 31 12.8 -0.4
AFI Afiamalu 7.47 50 P P 02 31 13.1 +1.6
AFI Afiamalu 7.47 50 P P 02 31 12.3 -2.7
RAO Raoul Island 10.36 181 P P 02 31 44.0 +0.8
RAO Raoul Island 10.36 181 P P 02 31 42.2 -1.0
RAO Raoul Island 10.36 181 P P 02 31 43.0 -0.2

AS01 Alice Springs 45.20 255 P P 02 36 49.2 +0.5
ASAR Alice Springs 45.24 255 P P 02 36 48.9 -0.1
ASAR Alice Springs 45.24 255 P P 02 36 49.5 +0.5
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ASAR comp-Z,34nm,0.9s P P 02 40 20.1 -0.1

25d 2h

BFSC	Mount Baldy Ra baz=237	77.73	47	P	P	02 40 19.6	-0.9
USA0B	Ussuriysk Arra comp=Z,62nm,1.4s	77.80	325	I	Amb	02 40 22.7	
USRK	Ussuriysk Ar.	77.80	325	P	P	02 40 20.5	+0.1
USRK	Ussuriysk Ar. comp=Z,15nm,1.0s,baz=146,slow=3.7,SNR=26	77.80	325	P	P	02 40 21.7	+1.2
EDW2	Edwards Air Fo baz=237	77.84	47	P	P	02 40 20.3	-0.7
MONP2	Monument Peak baz=238	77.88	49	P	P	02 40 21.1	-0.4
ISA	Isabella, Lake baz=236	77.95	46	P	P	02 40 21.9	+0.4
IKP	In-Ko-Pah, Jac baz=238	77.97	49	P	P	02 40 21.9	+0.1
PFO	Pinyon Flats O baz=238	78.23	48	P	P	02 40 24.0	+0.8
OHAK	Old Harbor baz=204	78.48	13	P	P	02 40 23.7	0.0
R18K	Karluk baz=202	78.55	13	P	P	02 40 23.6	-0.5
CWC	Cottonwood Cre baz=236	78.64	45	P	P	02 40 25.2	-0.2
BELC	Belle Mtn. Jos baz=238	78.76	48	P	P	02 40 26.5	+0.4
MPMC	Manual Prospec baz=232	78.83	46	P	P	02 40 27.0	+0.5
Q17K	Contact Creek baz=201	78.92	12	P	P	02 40 25.7	-0.5
HEC	Hector, Ludlow baz=238	78.96	47	P	P	02 40 25.8	-1.2
DLV	T Lat comp=Z,79nm,1.3s	78.97	287	I	Amb	02 40 29.7	
NJ2	Nanjing	79.10	309	I	P	02 40 28.9	+1.2
NJ2	comp=Z,37nm,0.5s						
O15K	Ungalikthiuk R baz=197	79.11	9	P	P	02 40 26.3	-0.8
KDAK	Kodiak Island baz=204	79.14	13	P	P	02 40 27.4	+0.1
KDAK	Kodiak Island comp=Z,28nm,1.1s	79.14	13	P	P	02 40 27.4	+0.1
KDAK	Kodiak Island baz=204	79.14	13	P	P	02 40 27.4	+0.1
Q16K	King Salmon baz=200	79.16	11	P	P	02 40 27.1	-0.2
P16K	Nushagak River baz=199	79.27	10	P	P	02 40 27.9	0.0
MDJ	Mudanjiang	79.37	325	P	P	02 40 29.6	+0.8
MDJ	comp=Z,74nm,0.9s						
MDJ	comp=Z,220nm,6.9s						
MDJ	Mudanjiang comp=Z,65nm,1.0s	79.37	325	I	Amb	02 40 31.0	
GMRC	Granite Mounta baz=238	79.41	48	P	P	02 40 29.7	+0.2
IRM	Iron Mountain baz=239	79.45	8	P	P	02 40 29.4	-0.2
N14K	Kuskokwak Cree baz=195,SNR=9.0	79.56	8	P	P	02 40 29.8	+0.4
NVAR	Mina Array Bea baz=196,SNR=8.8	79.60	43	P	P	02 40 30.8	+0.3
NVAR	Mina Array Bea comp=Z,2.2nm,0.7s,baz=223,slow=9.4,SNR=23	79.60	43	P	P	02 40 31.5	+1.0
NVAR	pp					02 42 31.6	+1.3
P17K	comp=Z,2.7nm,1.1s,baz=229,slow=9.4,SNR=4.6	79.69	11	P	P	02 40 29.9	-0.2
P17K	Kvichak River baz=200,SNR=10	79.78	10	I	Amb	02 40 30.6	
O16K	Kokwok River B comp=Z,19nm,1.0s	79.78	10	P	P	02 40 29.9	-0.7
O16K	Kokwok River B baz=199,SNR=9.8	79.78	10	P	P	02 40 31.5	0.0
Q20K	Shuyak Island baz=204	79.94	13	P	P	02 40 31.0	-0.7
Q19K	Cape Douglas, baz=203	79.97	12	P	P	02 40 31.0	-0.7
SMAI	San Martin Ant comp=Z,34nm,0.9s	80.02	159	I	Amb	02 40 35.4	
N15K	Kwethluk River baz=197,SNR=7.9	80.02	9	P	P	02 40 32.2	+0.4
P18K	Big Mountain, comp=Z,27nm,0.9s	80.10	11	I	Amb	02 40 32.7	
P18K	Big Mountain, baz=202,SNR=11.2	80.10	11	P	P	02 40 31.7	-0.6
TPH	Toponah comp=Z,30nm,1.5s	80.11	44	I	Amb	02 40 36.0	
O17K	Koliganek Bris baz=200,SNR=8.8	80.12	10	P	P	02 40 31.9	-0.5
TPNV	Topopah Spring baz=238	80.15	46	P	P	02 40 32.6	-0.7
PDMC1	Parker Dam,Lak baz=239	80.23	49	P	P	02 40 33.2	-0.3
M14K	Bethel comp=Z,27nm,1.1s	80.33	8	P	P	02 40 33.7	+0.3
M14K	Bethel	80.33	8	P	P	02 40 35.0	
M14K	Bethel baz=195,SNR=7.9	80.33	8	P	P	02 40 33.9	+0.5
M15K	Kasigluk River baz=196,SNR=11	80.44	8	P	P	02 40 34.2	+0.2
N16K	Nishlik Lake baz=198,SNR=10	80.51	9	P	P	02 40 35.0	+0.5
O18K	Koktuh Hill comp=Z,32nm,0.8s	80.53	11	I	Amb	02 40 35.3	
O18K	Koktuh Hill baz=202,SNR=15	80.53	11	P	P	02 40 34.3	-0.2
J05D	Fort Rock, OR comp=Z,13nm,0.8s	80.61	38	I	Amb	02 40 37.9	
P19K	Oil Pt baz=203	80.72	12	P	P	02 40 34.9	-0.7
L14K	Kuka Creek comp=Z,19nm,1.1s	80.81	7	I	Amb	02 40 37.6	
L14K	Kuka Creek baz=194,SNR=11	80.81	7	P	P	02 40 36.6	+0.7
N17K	Nushagak Hills baz=204,SNR=8.8	80.82	10	P	P	02 40 35.7	-0.3
S11A	Rachel comp=Z,31nm,0.7s	80.86	45	P	P	02 40 37.9	+1.0
M16K	Timber Creek baz=198,SNR=29	81.01	9	P	P	02 40 37.6	+0.6
PINE	Pine Mountain comp=Z,12nm,0.9s	81.08	38	I	Amb	02 40 40.5	
BELA	Belgrano Z	81.14	173	I	Amb	02 40 40.0	
K13K	Kusilvak Mount K13K	81.17	6	P	P	02 40 37.7	0.0
K13K	Kusilvak Mount comp=Z,19nm,1.2s	81.17	6	I	Amb	02 40 39.5	
K13K	Kusilvak Mount baz=192,SNR=6.2	81.17	6	P	P	02 40 37.7	0.0
N18K	Klaae Creek baz=201	81.18	11	P	P	02 40 37.3	-0.6
O20K	Slope Mountain baz=204	81.24	12	P	P	02 40 37.7	-0.5
L15K	Ungalak Mounta baz=196,SNR=16	81.29	8	P	P	02 40 38.7	+0.3
BRLL	Bradley Lake comp=Z,23nm,1.0s	81.32	13	I	Amb	02 40 39.4	
BRSE	Bradley Lake S baz=206,SNR=7.5	81.33	13	P	P	02 40 39.1	+0.4
R11B	Troy Canyon, C baz=238	81.35	45	P	P	02 40 39.8	+0.3
N19K	Bonanza Creek comp=Z,18nm,1.1s	81.56	11	I	Amb	02 40 40.2	
N19K	Bonanza Creek baz=202	81.56	11	P	P	02 40 39.4	-0.5
L16K	Owhat River comp=Z,39nm,1.1s	81.59	9	I	Amb	02 40 41.8	
L16K	Owhat River baz=197,SNR=29	81.59	9	P	P	02 40 40.3	+0.4
M17K	Hoitna River comp=Z,53nm,1.0s	81.60	10	I	Amb	02 40 42.2	
M17K	Hoitna River baz=199,SNR=24	81.60	10	P	P	02 40 40.7	+0.7
TUC	Tucson	81.70	52	P	P	02 40 42.2	+0.9
TUC	Tucson baz=242	81.70	52	P	P	02 40 43.1	+1.8
WHN	Wuhan	81.75	306	I	P	02 40 42.1	+0.7
WHN	comp=Z,86nm,1.0s						
K15K	Wolf Creek Mou baz=195,SNR=47	81.88	8	P	P	02 40 42.4	+1.0
M18K	Stony River comp=Z,201,SNR=7.0	81.95	10	P	P	02 40 41.7	-0.1
J14K	Nanvaranak Lak comp=Z,15nm,1.0s	82.09	6	I	Amb	02 40 43.8	
J14K	Nanvaranak Lak baz=194,SNR=9.3	82.09	6	P	P	02 40 42.8	+0.4

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L17K	Donlin baz=198,SNR=25	82.17	9	P	P	02 40 43.5	+0.7
MA2	Magadan	82.30	344	P	P	02 40 42.6	-0.9
MA2	comp=Z,20nm,0.9s			I	Amb	02 40 43.8	
MA2	Magadan comp=Z,29nm,1.2s	82.30	344	P	P	02 40 42.9	-0.7
P23K	Montague Islan baz=209	82.33	15	P	P	02 40 43.6	-0.1
N20K	Mount Spurr baz=204	82.35	12	P	P	02 40 43.0	-0.9
SPU	Mount Spurr comp=Z,13nm,1.0s	82.36	12	I	Amb	02 40 43.9	
L18K	Granite Mounta comp=Z,24nm,0.9s	82.50	10	I	Amb	02 40 46.3	
L18K	Granite Mounta baz=200,SNR=18	82.50	10	P	P	02 40 44.8	+0.3
D05A	Enumclaw	82.56	35	P	P	02 40 46.6	+1.4
D05A	comp=Z,17nm,0.9s			I	Amb	02 40 49.2	
M19K	Big River Lodg baz=202	82.59	11	P	P	02 40 43.9	-1.1
CBB	Campbell River baz=202	82.64	31	P	P	02 40 46.3	+0.8
K17K	Iditarod comp=Z,18nm,1.1s	82.72	9	I	Amb	02 40 47.3	
K17K	Iditarod baz=198,SNR=9.4	82.72	9	P	P	02 40 44.7	-0.9
RC01	Rabbit Creek A comp=Z,25nm,1.0s	82.77	13	P	P	02 40 45.3	-0.6
RC01	Rabbit Creek A baz=207,SNR=6.4	82.77	13	P	P	02 40 45.3	-0.6
L19K	White Mountain comp=Z,26nm,1.1s	82.77	11	I	Amb	02 40 47.9	
L19K	White Mountain baz=202,SNR=15	82.77	11	P	P	02 40 45.5	-0.4
M20K	Styx River baz=210	82.80	11	P	P	02 40 46.6	+0.4
BBB	Bella Bella	82.80	28	P	P	02 40 46.8	+0.6
BBB	comp=Z,54nm,1.4s			I	Amb	02 40 48.6	
SUA	Susitna One comp=Z,24nm,0.8s	82.89	13	P	P	02 40 47.0	
SUA	Susitna One baz=206,SNR=11	82.89	13	P	P	02 40 46.0	-0.7
J16K	Anvik River comp=Z,24nm,1.1s	82.95	8	I	Amb	02 40 48.5	
J16K	Anvik River baz=196,SNR=14	82.95	8	P	P	02 40 47.0	+0.2
KAIM	Kayak Island baz=210	83.02	16	P	P	02 40 47.1	-0.1
G08A	Pilot Rock	83.11	37	P	P	02 40 48.2	+0.1
GLI	Glacier Island comp=Z,31nm,0.8s	83.18	14	I	Amb	02 40 48.5	
GLI	Glacier Island baz=208,SNR=5.5	83.18	14	P	P	02 40 47.1	-0.9
L20K	Farewell, AK baz=203,SNR=8.1	83.21	11	P	P	02 40 47.7	-0.4
EYAK	Cordova Ski Ar baz=210	83.22	15	P	P	02 40 47.4	-0.7
MAW	Mawson comp=Z,6.7nm,0.6s,baz=132,slow=5.6,SNR=26	83.22	200	P	P	02 40 49.4	+1.3
IPM	Ippoo	83.26	277	P	P	02 40 49.5	0.0
J17K	BSM Dome comp=Z,14nm,0.9s	83.26	8	I	Amb	02 40 49.0	
J17K	VABM Dome baz=198,SNR=14	83.26	8	P	P	02 40 48.5	+0.2
M22K	Willow comp=Z,20nm,0.9s	83.28	13	P	P	02 40 47.7	-0.7
KNK	Knik Glacier comp=Z,20nm,0.9s	83.34	14	I	Amb	02 40 49.5	
PMR	Palmer comp=Z,20nm,1.1s	83.35	13	P	P	02 40 48.0	-0.7
PMR	Palmer baz=207,SNR=7.2	83.35	13	I	Amb	02 40 48.5	-0.3
GHO	Glory Hole comp=Z,37nm,0.9s	83.56	24	P	P	02 40 50.6	
V35K	Ketchikan baz=223	83.56	24	P	P	02 40 49.1	-0.8
U33K	Whale Pass baz=222	83.56	23	P	P	02 40 50.1	+0.2
SNH	Sunshine Point comp=Z,37nm,0.9s	83.66	17	I	Amb	02 40 52.1	
J18K	Innoko River comp=Z,20nm,SNR=32	83.67	9	P	P	02 40 49.9	-0.4
ANM	Nome baz=192	83.69	5	P	P	02 40 49.0	-1.4
SML	Sawmill baz=208	83.71	14	P	P	02 40 49.1	-1.5
CUT	China baz=206	83.84	12	P	P	02 40 50.9	-0.2
M23K	Glacier View baz=208	83.84	14	P	P	02 40 50.8	-0.5

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like BCAR Beaver Creek A, WHY Whitehorse, DLBO Dease Lake, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like D19K Kuna River, E20K Nigu River, ELIB Princess Elisa, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like H31M Peel River, C23K Itkillik River, B22K Teshepuk Lake, etc.

Table with columns: KAPI, Kappang, 2.97, 2, Pn, Pb, 03 02 57.9 +1.5, 1.4nm, 0.3s, baz=196, slow=4.4, SNR=3.8

DJA 25:03:20:43.7, 0.1, 8 'S: 1'x12' 0E: 1, h177km, 2km, M5.0/54, mb5.2/54, mB5.4/29, MLV5.3/20, Mw4.9/31, Mw(mB)4.9/29

NEIC 25:03:20:43.3, 2.7, 8: 18S: 0.07x120:0.0E: 0.06, h188km, 6km, mb4.6/55, Error ellipse: s-maj=10.4km s-min=8.6km

az=220.0, 25:03:20:45.3, 0.5, 7.97S: 120:48E, h205km, 4km, mb4.1/21, mb1mp4.6/24, Error ellipse: s-maj=14.4km s-min=5.5km

GCMT 25:03:20:45.3, 0.3, 8: 23S: 0:02:10:16:0:0.03, h200km, 3km, MW5.0/90, Moment Tensor Solution. s21c22: s90c123

ISC 25:03:20:44.3, 0.3, 8: 18S: 0:04:120:20E: 0.04, h201km, n225, o172/252, mb4.4/51, 1D, Flores region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC

Main station list table with columns: MNAI, Manna, 17.55, 281, P, Pn, 03 24 36.5 -0.7, 179nm, 1.2s

Main station list table with columns: USRK, Ussuriysk Ar., 53.21, 11, P, P, 03 29 40.2 -1.7, 57.2nm, 0.5s, baz=190, slow=7.3, SNR=8.1

25d 3h

R5NC 25 03:33:29.9,0.4,7.1N,2:8'3W, h10km, M4.6, mb4.7, mB5.1, ML4.5, Mw(Mb)4.5
NEIC 25 03:33:29.5,2.2,6.98N,0:07:82.70W, h10km, mb4.0, mb4.5/145, Error ellipse: s-maj=13.6km s-min=9.1km az=228.0
UCR 25 03:33:30.5,1.8,7.01N,82.67W, h19km, 13km, MW4.7
IDC 25 03:33:30.8,0.8,7.44N,82.55W, h0km, mb4.0/13, mbtmp4.1/19, ML3.4/5, MS3.6/32, Error ellipse: s-maj=30.4km s-min=13.1km az=46.0
UPA 25 03:33:30.2,1.6,6.94N,82.70W, h20km, 17km, MW4.4
CATAC 25 03:33:30.4,0.6,7.04N,82.76W, h10km, M54.9, mb4.8, ML4.4

ISC 25 03:33:30.4,3.5,6.97N,0:05:82.66W, h16km, 22km, n533, r1936/531, mb4.4/74, MS3.7/27, 2C-10D, South of Panama

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Lists various stations like PTPM, PEDES, PIR0, CDITO, GMAL, BRU2, etc.

2018 JUN

Table with columns: CUI, Station Name, Az, Phase, Time, Res, ISC. Lists stations like CUI, VERA, COLC, ALIBA, etc.

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Table with columns: CMIG, Station Name, Az, Phase, Time, Res, ISC. Lists stations like CMIG, SDDR, TBGT, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: 494A Miami Univ. Ec, MNXT Cornudas Mount, P52A Corning, MSTX Muleshoe, ACSO Alum Creek Sta, 053A New Philadelph, 048B Farmland, 048B Farmland, SFIN Lafayette, HDIL Hopedale, HDIL Hopedale, KSU1 Kansas State U, KSU1 Kansas State U, 121A Cookes Peak, 121A Cookes Peak, 121A Cookes Peak, N38A Josefs South D, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, BINY Binghamton, N35A Tabor, N35A Tabor, L40A Anamosa, L40A Anamosa, T25A Trinidad, T25A Trinidad, TUC Tucson, TUC Tucson, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, W18A Petrified Fore, W18A Petrified Fore, 214A Organ Pipe Nat, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, SADO Sadowa, OGNE Ogallala, X16A Lo Mia Camp, X16A Lo Mia Camp, MVCO Mesa Verde, MVCO Mesa Verde, MVCO Mesa Verde, K30B EROS Data Cent, ECSD EROS Data Cent, 113A Mohawk Valley, 113A Mohawk Valley, WUAZ Wupatki, Y14A Wickenburg, SMCO Snowmass, SPMN Marine on St., GLA Glamis, PDMO1 Parker Dam, Lak, HMU Henry Mountain, HMU Henry Mountain, W13A Hualapai Mtn, W13A Hualapai Mtn, O20A White River Ci, BC3 Big Chuckawall, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, IRM Iron Mountain, F33A 5 Mile Ranch, MONP2 Monument Peak, SRU San Rafael Swe, SRU San Rafael Swe, P18A Preston Nutter, BELC Belle Mtn. Jos, Q16A Castle Valley, TPFO Pinon Flats, PFO Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, BDFB Brasilia, BDFB Brasilia, GMRC Granite Moun, TMUT Trail Mountain, RDMU Red Mountain, RDMU Red Mountain, CPUP Villa Florida, CCUT Cedar City, K22A Casper, TCRU Three Creeks R, RSSD Black Hills, MURC Murrieta, SHRP Sheep Range, BSUT Blindstream Ca, MPU Maple Canyon, MT08 Bocatoma Ro, SHOC Shoshone, Teco, GSC Goldstone, Bar, CIS Catalina Islan, CTU Camp Tracy, CTU Camp Tracy.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: TCUT Toone Canyon, RPN Rapa Nui, AGMN Agassiz Nation, DUG Dugway, Tooele, TPNV Topopah Spring, EDW2 Edwards Air Fo, PDAR Pinedale Array, PDAR Pinedale Array, BW06 Bourdelle Array, FURC Furnace Creek, HWUT Hardware Ranch, MPMC Manual Prospect, R11B Troy Canyon, MDND Maddock, MDND Maddock, SPUD South Promonto, BGU Big Grassy Mtn, BGU Big Grassy Mtn, SCZ2 Santa Cruz Isl, GRAC Grapevine Rang, ISA Isabella, Lake, GWN Gold Mountain, CWC Cottonwood Cre, SBC Santa Barbara, HVU Hansel Valley, MZP Montezuma Peak, YES Vesta, Richtg, TPH Tonopah, ELK Elk, ELK Elk, RLMT Red Lodge, ULM Lac du Bonnet, ULM Lac du Bonnet, NV11 Mina Array Sit, NV11 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, MDPB Devils Postpil, KVN Kaiserville, RYN Ryan, BMN Battle Mountai, YERR Yerington, HLID Hailey, HLID Hailey, BOZ Bozeman (W), BOZ Bozeman (W), EGMT Eagleton, BPWT Black Pine Rid, VPMR Wild Horse Val, PLID Pearl Lake, MSO Missoula, J08A Circle Bar Ran, J08A Circle Bar Ran, BMO Blue Mountains, BMO Blue Mountains, PLCA Paso Flores, F10A Beach Ranch, E, SCHO Schefferville, YBH Yreka Blue Hor, E09A Wood Farm, Sta, NEW Newport, NEW Newport, C09A Chrisman Ranch, LTY Liberty, LTY Liberty, YKA Yellowknife Ar, DLBC Dease Lake, S34M Telegraph Cree, R33M Jennings River, P33M Teslin, Yukon, P32M Atlin, S31K Pelican, O30N Mendhall, P29M Windy Craggy, P29M Windy Craggy, P30M Peninsula, M30M Minto, Yukon, M29M Somme Creek, M29M Somme Creek, YUK8 Steele Glacier, H31M Hart River, L29M L29M, J30M Hart River, K29M Barlow Dome, YUK3 Moose Creek, I30M Mount Dempster, I30M Mount Dempster, G31M Satah River.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: EPYK Eagle Plains, INK Inuvik, A36M Sachs Harbour, MCARA McCarthy VSAT, KAIM Kayak Island, F30M Barrier River, BCAR Beaver Creek A, L27K Beaver Creek, L27K Beaver Creek, L27K Beaver Creek, H29M Whitestone, G28M Miner Creek, I29M Pine Creek, BMRM Bremner River, EGAK Coal Creek Min, K27K Chicken, L26K Log Cabin Wild, I27K Kandik River, SCRK Sand Creek, H27K Steamboat Moun, J26L Joseph Creek, J26L Joseph Creek, F28M Old Crow, I26K Coal Creek Min, GLI Glacier Island, PAX Passon, BORG Borgarnes, G27K Doyon Strip, E28M Babbage River, SCM Sheep Creek Mo, J25K Salcha River, E27K Coleen River, WAT6 Susitna Watana, HDA Harding Lake, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, F26K Sheenjek River, H25L Birch Creek, F25K Christian River, SUA Susitna One, E25K Arctic Village, H24K Noodor Dome, OHAK Old Harbor, NEA2 Nenana, G24K Hadweenzic Riv, TRF Thorofare Moun, SKT Skwentna, SKT Skwentna, I23K Minto, Yukon-K, C26K Camden Bay, F24K Squaw Lake, BPWA Bear Paw Mtn, D25K Kavik River, MLY Manley, PPLA Purkeypile, CAST Castle Rocks, M20K Styx River, G23K Bananza Creek, CHUM Lake Minchumin, COLD Coldfoot, H22K Ishitaina Cre, E23K Chandalar, I21K Tanana, L20K Farewell, AK, TOLK Toolik Lake Re, O18K Kottuh Hills, M19K Big River Lodg, K20K Teldia, H21K Melozitna River, D23K Namushuk River, J20K Nowinta River, F22K John River, E22K Anaktuvuk Pass, M18K Stony River, C23K Itkillik River, G21K Allakaket, O17K Koliganek Bris, MDT Midelt, F21K Alana River, J19K Poorman, N17K Nushagak Hills, E21K Killik River, ESDC Sonseca Array, ESDC Sonseca Array.

25d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like F20K Avarakt Lake, B22K Teshepkuk Lake, etc.

IDC 25 03:35:49.9, 0.7, 1.41S, 69.31E, h0km, mb4, 1/21, mbtmp4, 1/22, ML4, 4/1, MS3, 3/5, Error ellipse: s-maj=21.2km s-min=17.1km az=50.0

NEIC 25 03:41:57.5, 1.7, 1.37S, 0.02:69.4E, 0.1, h10km, 1km, mb4, 5/12, Error ellipse: s-maj=23.2km s-min=3.5km az=267.0

ISC 25 03:35:51.8, 0.5, 1.33S, 0.08:69.38E, 0.09, h1km, m51, 0:91/47, mb4, 3/28, MS3, 5/4, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAAM Kaadhehdhoo, DGAR Diego Garcia, etc.

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

AZER 25 03:41:55.5, 38.56'N, 44.24'E, h1km, ml2.4

AFAD 03:41:56.7, 0.0, 38.53'N, 44.35'E, h7km, 2km, ML2.5

ISK 25 03:41:57.5, 1.7, 1.37S, 0.02:69.4E, 0.1, h10km, 1km, mb4, 5/12, Error ellipse: s-maj=23.2km s-min=3.5km az=267.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLDR Caldiran, VMUR Van-Muradiye, etc.

1424

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Sacapulas, QUIS Sacapulas, WRA Warramunga Arr, etc.

25d 5h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Nemuro-Hokkai, Tymooskoe, Kamikawa-asahi, and various other locations.

2018 JUN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Arctic Creek, Kusivuk Mount, Niuluk, Kuka Creek, and various other locations.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like Koktuk Hills, Big Mountain, Bonanza Creek, and various other locations.

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.

BUT 25 05:14:23.72, 1.46, 91N, 05:11:52.54W, 0.03, h12km, 5km, Error ellipse: s-maj=8.2km s-min=2.8km az=190.0 NEIC 25 05:14:23.11, 1.8, 46:85N, 04:11:52.52W, 0.06, h11km, 7km, ML2.7/20, ML2.8/19(BUT), Error ellipse: s-maj=5.6km s-min=5.3km az=125.0, Montana

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

NAO 25 05:14:32.0, 35:47N-24:38E, h33km, mb5.5 BGR 25 05:14:40.0, 36:84N-21:94E, h10km, Ms5.2 IDC 25 05:14:42.3, 0.4, 36:71N-21:41E, h0km, mb4.9/36, mbmp4.9/47, ML4.6/10, MS5.1/74, Error ellipse: s-maj=10.9km s-min=8.7km az=163.0 Bull 25 05:14:42.3, 0.4, 36:72N-21:21E, h17km, mb4.9/81, mb5.3/57, Ms5.3/84, Ms7.5/178 AFAD 25 05:14:42.0, 0.0, 35:51N-21:37E, h15km, 31km, MW5.3 MOS 25 05:14:43.4, 1.1, 36:75N-21:42E, h11km, mb5.6/70, MS5.1/69, Error ellipse: s-maj=4.3km s-min=2.3km az=85.1 NEIC 25 05:14:45.0, 2.0, 36:64N, 04:21:34E, 0.05, h10km, 1km, mb5.5/507, Ms. 20.52/598, Mw5.5/41, Mw5.5/60, Error

25d 5h

Table with columns for station ID, name, elevation, date, time, and various status codes. Includes stations like M30M Minto, L42A Oliver, MCK McKinley, etc.

2018 JUN

Table with columns for station ID, name, elevation, date, time, and various status codes. Includes stations like K17K Iditarod, YUKA Talbot Arm, USIN University, etc.

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Table with columns for station ID, name, elevation, date, time, and various status codes. Includes stations like GRNC Granite Creek, L15K Ungalak Mount, O29M Mount Kennedy, etc.

25d 5h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ABTX, H05A, G00D, CTU, S22A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SHPR, CPNV, TPVU, AFDM, DSP, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PMON, MAGS, ITCA, BOQS, etc.

CATAC 25 05:19.57.7-0.4, 13:59N-90:75W, h11km, 3km, ML5.1
IDC 25 05:19.58.5-0.9, 13:84N-90:24W, h56km, 6km, mb3.9/11,
mbtm4.1/12, MS3.5/6, Error ellipse: s-maj=32.3km
s-min=16.7km az=45.0
NEIC 25 05:19.58.8-2.0, 13:82N-0:07-90:72W-0:06, h54km, 6km,
mb4.5/249, Error ellipse: s-maj=10.2km s-min=7.6km
az=211.0
GCG 25 05:20:00.2-2.4, 13:73N-90:67W, h52km, MD4.6
SNET 25 05:20:00.6-1.0, 13:72N-90:61W, h68km, ML5.0
ISC 25 05:19:58.7-0.6, 13.64N-90.05:90:77W-0:04, h65km, 5km,
h338, -1927/329, mb4.5/100.6D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other technical details. Includes stations like PACYA, FUEGO, LAS NUBES, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RANC, CNRM, INTH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like JTS, SOCE, TEIG, HDK, BRUZ, ECHP, SOR, PAYG, ZAIG, GTBY, 833A, DWPF, HKT, MLDN, 441A, HNDO, 346A, BRAL, OTAV, IMBA, NATX, ROSC, RBMS, VBSM, 352A, 250A, JCT, SLO, TIGA, 146A, 143A, BRDY, WHTX, FW16, FW14, FW13, LRAL, 241A, 247A, TXAR, TXAR, TXAR, OZNA, TX31, 152A, 154A, PLPT, SDV, Z35A, Y49A, ABTX, GOGO, MNHN, MIAR, X48A, Y52A, LOOK, UALR, JFWS, FPAL, PECS, APMT, PLAL, VHRN, X51A, WHAR, POST, HODGE, SWET, W50A, W35A, FCAR, WMOK, W52A, V48A, LCAR, FNO.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like BG3, CPCT, WWT, TUL3, DEOK, CLTN, HHAR, TKL, TKL, TKL, OK02, OK031, OK052, U38A, SMWD, V52A, KMCS, KMCS, W53A, T42A, T47A, T47A, TZTN, T50A, ATAH, NOKA, USIN, 121A, V58A, 319A, S51A, W51A, R49A, OLIL, R50A, ANMO, ANMO, R32A, R32A, SSFO, SSFO, KSU1, KSU1, P46A, P46A, T59A, T59A, TUC, P48A, P48A, P49A, P51A, P51A, Q54A, Q54A, CBN, CBN, ACSS, O52A, X16A, S22A, O54A, O54A, HOIL, MVCO, Y14A, WUAZ, WUAZ, L48A, L48A, JFWS, SMC, U15A, W13A, HMU, M57A, ECSD, KRB, KRB, PKCU, WNY, PFO, LCMT, V12A, MTPU, MTPU, I9A, Q16A, MNMY, SZCU, MEDO, MEDO, J54A, TCRU, SPMN, MPV, PSUT, GWY.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like GWY, S11A, S11A, WCT, SPR3, R11B, PDAR, D41A, BGU, ETMB, ETMB, TPH, DSP, MACA, SNOW, SNOW, NVAR, NVAR, NVAR, MDPB, LHV, KVN, BMN, SAML, YERR, YERR, CMB, PNTR, PAHR, MFID, LRM, LPAZ, WVOR, WVOR, LYMT, BPMT, PLD, J08A, O02D, F10A, F10A, YBH, L04D, L04D, J05D, PINE, PINE, L02F, L02F, VILB, I04A, I04A, F07A, HAWA, D06A, H04A, J01E, HOOD, H04D, MXC, MXC, F04A, F04A, LON, LON, D05A, PTBL, PTBL, E03A, MLWA, SCHO, H03N, H03N, H03N, R32K, R32K, F28M, J25K, J25K, BRLL, CNPM, ILAR, BMAR, P19K, EKA, ESDC, DBIC, GERS, TORD, PETK, ZALV, KURB, BOSA, MKAR, MKAR, WRA, PZH, BAI, CMAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EYUL, JKRS, TWFI, WHYT, etc.

IDC 25 08:30:52.8.3.4, 54°22'N-87°26'E, h0km, mbtmp2.8/2, ML2.1/2, Error ellipse: s-maj=31.2km s-min=19.7km az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 25 08:51:59.1.1.1, 13°93'N-60°53'W, h120km, mb3.2/5, mbtmp3.8/8, MS3.2/1, Error ellipse: s-maj=21.9km s-min=14.7km az=105.0

TRN 25 08:52:00.6, 13°99'N-80°86'W, h114km, MD4.3, East of Saint Lucia. Felt in St. Lucia, MMI IV, V, ISC 25 08:51:59.4-0.7, 13°97'N-03°66'W, 0°07', h121km, 5km, n5.3, c1542/65, mb3.4/5, Winward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SLBI, SVL, HOS51, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 25 09:02:31.8.2.9, 54°07'N-86°56'E, h0km, mbtmp2.8/2, ML2.1/2, Error ellipse: s-maj=24.5km s-min=14.8km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

baz=26,slow=14,SNR=5.3, 0.1nm,0.2s

SOF 25 09:08:12.7, 40°60'N:0°23'32'E:0.1, h20km, 13km, MD2.8/6, ATH 25 09:08:16.3, 40°71'N:23°31'E, h10km, 3km, ML2.3/6, Error ellipse: s-maj=3.2km s-min=0.8km az=297.0

ISC 25 09:08:14.7.1.1, 40°66'N:0°03'23'E:0.03, h17km, gkm, n19, c071/34, Greece

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NVR, KVL, MMB, etc.

IDC 25 09:10:06.2.3.8, 54°20'N-87°53'E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=33.0km s-min=20.2km az=43.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 25 09:49:13.7.2.8, 53°52'N-87°59'E, h0km, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=25.2km s-min=14.8km az=62.0

ISC 25 09:49:13.0.3.6, 53°68'N:0°18'77'E:0.2, h10km, n6, c1926/8, 9C-12, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, etc.

IDC 25 09:54:18.8.2.4, 9°62'S: 113°55'E, h0km, mb3.7/5, mbtmp3.7/5, MS3.0/1, Error ellipse: s-maj=122.2km s-min=20.9km az=51.0

DJA 25 09:54:26.6.0.8, 9°5'S: 11°4'E, h20km, 6km, M4.2/13, mb4.0/2, MLV4.2/13

ISC 25 09:54:22.8.2.0, 9°53'S: 0°09:113.75'E:0.06, h24km, 16km, n17, c1810/21, mb3.9/5, South of Jawa

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

ASAR Alice Springs 23.84 129 P 0.9 59 34.5 0.0

STKA Stephens Creek 34.06 135 P 0 10 01 06.1 +0.7

0.9nm,0.4s,baz=322,slow=10,SNR=4.9, 0.9nm,0.4s

SONM Songino Array 57.48 354 P 0.6nm,0.5s,baz=171,slow=7.6,SNR=2.1 0.6nm,0.5s

MKAR Makanchi Array 62.70 336 P 0.6nm,0.6s,baz=145,slow=6.2,SNR=5.2 0.6nm,0.6s

IDC 25 09:57:07.0.3.0, 53°67'N-86°88'E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=27.0km s-min=14.0km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 25 09:58:33.7.3.3, 54°27'N-86°98'E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=27.2km s-min=16.2km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

GII 25 10:06:40.0.2.3, 33°88'N:0°003:36°02'E:0.001, h0km, Md1.1/2, confirmed

GRAL 25 10:06:45.3.0.3, 33°79'N:35°78'E, h13km, 4km, MD2.5, ISC 25 10:06:39.7.1.9, 33°80'N:0°04:36'E:0.1, h0km, n14, c0568/16, Jordan-Syria region

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

IDC 25 10:18:06.5.1.2, 17°62'S: 168°23'E, h0km, mb4.0/6, mbtmp4.0/7, ML3.9/1, MS3.3/3, Error ellipse: s-maj=35.4km s-min=26.4km az=110.0

NOU 25 10:18:11.8, 17°71'S: 168°31'E, h30km, MLV4.3/12, Vanatu Islands

NEIC 25 10:18:15.9.1.6, 17°95'S: 1°168'E:0.1, h59km, 12km, mb4.5/13, Error ellipse: s-maj=17.5km s-min=14.0km az=165.0

ISC 25 10:18:12.3.0.6, 17°79'S: 0°08:168°10'E:0.09, h32km, n42, c1932/42, mb4.5/15, MS3.3/3, Vanatu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MRZ, KNRA, WBO, etc.

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

ASAR Alice Springs 23.84 129 P 0.9 59 34.5 0.0

PZH Panzhihua 78.02 303 P 0 10 30 09.5 +1.3

25d 10h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANMO Albuquerque, ARCES ARCES Array B, FFC Flin Flon, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like H29M Whitestone, K29M Barlow Dome, E27K Coleen River, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WVDW, WUSB, TWT, YULB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WLY Voula, Athens, AXAR Agios Charalamb, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, GCMT 25:12:21:57.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KWHZ Kaweka Forest, TWZ Taurewa, CKHZ Cape Kidnapper, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ANOYIA, KIPOURIO, SARANDE, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FRESNILLO DE T, FRESNILLO DE T, HARRIAGA, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TXAR, TXAR, TX31, etc.

IDC 25 12:47:52.1±4.4, 15.63N:96.55W, h0km, mb3.8/4, mbtmp3.8/7, ML3.6/3, MS3.5/6, Error ellipse: s-maj=76.3km

MEX 25 12:47:55.3±0.6, 15.71N:96.83W, h5km, MD4.7, NEIC 25 12:47:57.9±2.7, 15.86N:0.07-96.80W:0.04, h24km±9km, mb4.3/38, Md4.7/150(MX), Error ellipse: s-maj=9.7km

ISC 25 12:47:52.2±1.3, 15.56N:0.05-96.83W:0.02, h1km±7km, n159, o2883/245, mb4.2/18, MS3.7/4, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PUERTO ESCONDI, PUERTO ESCONDI, HUATULCO, etc.

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

BUI 25 12:49:06.5±0.0, 18.66S:169.89E, h272km, mb5.0/53, mb4.9/18, NEIC 25 12:49:06.9±1.8, 19.06S:0.09-169.68E:0.08, h263km±6km, mb5.0/66, Mw5.1/11, Error ellipse: s-maj=13.9km

NOU 25 12:49:07.8, 18.93S:169.61E, h270km, mb5.1/88, Vanuatu Islands

NEIC 25 12:49:07.6, 19.10S:169.98E, h260km, Moment Tensor: 188, Moment tensor: Scale 10^19Nm, Mr:1.43, Mw:2.32, M0:0.88, M0:5.66, Mw:3.80, Mr:3.19, Fault plane solution: M=5.38000x10^16 NPI:

GCMT 25 12:49:08.9±0.3, 19.00S:0.02-169.60E:0.02, h277km±2km, Mw5.1/79, Moment Tensor Solution: s0:64; s79;c103; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:1.36±2.1; Mw:1.5±2.0; M0:0.2±2.0; Mw:0.93±2.2; Mw:4.2±8.1; Mw:4.5±1.9; Best double couple: M0:45000x10^16 NPI: 0.89 000000; 846 000000; 1.166 000000; Principal axes: T 6.9880, P1g38.0000, Azm59.0000; N -1.0730, P1g44.0000, Azm199.0000; P -5.9110, P1g21.0000, Azm311.0000; s1 refers to body waves, cutoff=40s. n2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 25 12:49:08.8±1.2, 19.06S:169.59E, h284km±11km, mb4.3/24, mbtmp4.9/25, Error ellipse: s-maj=9.6km

ISC 25 12:49:07.1±0.4, 19.03S:0.05-169.86E:0.04, h271km±3km, mb4.2/72, mbtmp4.9/25, Error ellipse: s-maj=9.6km, Vanuatu Islands

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

Table with columns for station name, time, and status. Includes stations like MSVF Nonsavu, RTZ Ruatahuna, INKA Innaminika, etc.

Table with columns for station name, time, and status. Includes stations like NWAOW Narrogin (SRO), KMSI Cibinong, BLDU Ballidu, etc.

Table with columns for station name, time, and status. Includes stations like KLR Kul'dur, ENH GYA, GYA Guiyang, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, Azimuth Bias, Distance Bias, Azimuth Variance, Distance Variance, Azimuth Bias Error, Distance Bias Error, Azimuth Variance Error, Distance Variance Error.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, Azimuth Bias, Distance Bias, Azimuth Variance, Distance Variance, Azimuth Bias Error, Distance Bias Error, Azimuth Variance Error, Distance Variance Error.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, Azimuth Bias, Distance Bias, Azimuth Variance, Distance Variance, Azimuth Bias Error, Distance Bias Error, Azimuth Variance Error, Distance Variance Error.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like SONMG Sogingo Array, YLYR Ulyunkhan, OGRR Ongureny, TRG Tyrgan, UKT Uakanit, BGT Bolshoye Golou, LSTR Listvyanka, TUP Tupik, IVK Ivanovka, KMO Kumora, SVKR Severomuyksk, IRK Irkutsk, NIZB Nizh Angarsk, ZAK Zakamensk, NLYR Nelyaty, ARS Arshan, CRS Chara, KHNR Khani, YKLR Yuktalik, VTMR Vitim, JNU Naktusue, MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like EOS2 Eos2, NWLT Wulai, ENTT Nioudou, YOJ Yonaguni jima, EWUT Wuta, EOS3 Eos3, NDT Datong Townshi, ENA Nanan, YHNB Yeheng, LATG Datong, NSK Sanguang, NNS Nan Shan, NNSB Datong, NFF Wufeng Townshi, NACB Ninganchiao, LIOB Emei, NVT Nanjiang, NSTT, TWD Chiawan, IRIF Iriomote-Funau, FUSS Fushou, TWT Tachien, TDCB Techi, WHF Heluan Shan, LXIB Xiulin Townshi, WHP Taichung City, CHGB Renai, SHUL Shoufeng, JKRS Kuro-shima, SHILIN Shilin, JIJ Ishigaki jima, JISG Ishigakijimahi, OWD Renai, WUSB Renai, WCS Beigang Elemen, DPDB Guoxing, WARBT Fenglin Townsh, WARBT, VVDT, SSSLB Suanglung, HGSD Ruisui, JTJ Tarama, WHYT Xinyi Township, WHYT, CHNS Tsaling, CHNS, JIRB Irabujima, WTP, MSFV Nonsavu, NIUE Niue.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, CTAO Charters Tower, TOO Toolangi, STKA Stephens Creek, BBOO Buclelebo, WR0 Warramunga Arr, ASAR Alice Springs, WB0 Warramunga Arr, WR2 Warramunga Arr, WRA Warramunga Arr, FORT Forrest, MBWA Marble Bar, MORW Morawa, GIRL Giralia, QSPA South Pole Qui, PETK Petropavlovsk, CMAR Chiang Mai Arr, AKASG Malin Aray Be.

NOU 25 15:40:42.0, 38:77S:175:11E, h268km, MLV3.6/9, North Island, New Zealand
WEL 25 15:40:46.8, 0.8, 39 S:5.17 75E:1, h228km, ML2.6/29, MLV2.6/29, Error ellipse: s-maj=0.0km s-min=0.0km az=65.7, confirmed
ISC 25 15:40:40.8, 1.9, 38.79S:0.06:175:12E:0.06, h271km, 1.1km, n110, a1956/119, North Island

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like HIZ Huiti, TWVZ Taurewa, WTVZ West Tongariro, KRZV Karewarewa, NNZV North Ngauruho, COVZ Chateau Observ, PKVZ Pokaka, TLZ Tolley Road, FWZ Far West T-bar, WHVZ Whangahuti Hut, MTVZ Mangatewai, WNVZ Wahianoa, MOVZ Moawhango, WHPZ Whakapapatarin, NEZ North Egmont, WAZ Wanganui, ALRZ Allen Road, BHZ Black Hill Sta, MRHZ Matea Rd, TOZ Tahuroa Road, BKZ Black Stump Fm, KRZV Kaweka Forest, MUGZ Murerua, MTHZ Maungataniwha, ARHZ Araroa, TSZ Takapari Road, RTZ Ruatuhuna, OPRZ Ohinepanea, ARHZ Aropoanua, RAHZ Rarua, WPHZ Waipukurua, URZ Urewera, URZ Urewera, WHVZ Waihua, MKAZ Moumakai, KAHZ Kataranaki, SNGZ Shannon Statio, AWAZ Awhitu Peninsu, RAGZ Rawiri, ETAZ East Tamaki Re, MRZ Mangataniwha R, KAHZ Kataranaki, KNZ Kokohu, MBAZ Motutapu North, OGWZ Otaki Gorge, RVAZ Riverhead Bore, RIGZ Rimutapu, TIWZ Tintock, KIWI Kapiti Island, BFZ Birch Farm, KUZ Kuatoutu, KUZ Kuatoutu, HOWZ Hellswoth Sta, PRGZ Paritu Road, TKGZ Te Karaka, RUGZ Raukumara Rang, MHGZ Mahia Peninsul, DUWZ D'Urville Isla, MAWZ Matawhero, TWGZ Tauwhareparae, HAZ Te Kaha, MTW Mount Morrison, TMWZ Te Maipa, CNZG Gough Statio, PKGZ Pukihoro, TCW Tery Channel, WEL Wellington, SNZO South Karori, PUZ Puketiti, PAWZ Parauw Farm, BHW Baring Head, MSWZ Moikau Station, NNZ Nelson, WMGZ Waiomatatini S, TWHZ Tuihanga, TUVZ Tuamarina, TKNZ Takaka Hill, MXZ Tatakaoa Point, QRZ Quartz Range, QRZ Quartz Range, PAWZ Parauw Sta, MRNZ Maritaki Terra, THZ Tophure.

TAP 25 14:40:51.1, 25:76N:122:55E, h234km, 1km, ML2.9, D
JMA 25 14:40:53.1, 0.3, 25 N:3.122:4E:0.8, h234km, MV2.1/10, NW OF ISHIGAKIJIMA IS
ISC 25 14:40:51.4, 2.9, 25.5N:0.1:122:44E:0.05, h242km, 1.6km, n54, c0571/92, Taiwan region
Code Station Name Az Alt Phase ID Time Res
TWB1 Santiao Chiao 0.66 218 eP Pn 14 41 23.5 -0.4
SX11 Grass Mountain 0.67 229 eP Pn 14 41 24.0 0.0
EGS 0.82 214 eP Pn 14 41 25.2 +0.6
YM01 0.87 244 eP Pn 14 41 24.9 0.0
TWA 0.95 235 eP Pn 14 41 25.0 -0.2
NTST 0.96 248 eP Pn 14 41 25.7 +0.4
TAP 0.97 240 eP Pn 14 41 24.9 -0.4
TWC 1.06 210 eP Pn 14 41 27.8 +1.9
TWE 1.07 221 iP Pn 14 41 27.0 +1.1
FUSB 1.09 225 iP Pn 14 41 26.7 +0.5
FUSB 1.41 53.8 +0.5

ICD 25 15:37:01.3: 11.0, 20:55S:177:87W, h448km, 1.10km, mb3.2/6, mbtmp4.0/6, Error ellipse: s-maj=56.9km s-min=34.7km az=73.0
NEIC 25 15:37:04.3: 0.8, 20:6S:0.2:177:8W:0.2, h484km, 15km, mb4.2/13, Error ellipse: s-maj=35.1km s-min=19.2km
ISC 25 15:37:05.0, 8, 20:6S:0.2:177:9W:0.1, h500km, n25, c084/25, mb4.0/13, Fiji Islands region
Code Station Name Az Alt Phase ID Time Res
MSFV Nonsavu 4.82 306 P P 15 38 30.8 -0.2
NIUE Niue 7.62 80 P P 15 38 57.2 -0.7

25d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHZ Kahutara, DSZ Denniston Nort, etc.

DRS 25 15:45:48.5, 40°54'N-51°48'E, h24km
MOS 25 15:45:48.0, 40°1.4, 40°78'N-51°83'E, h22km, mb4, 1/4, Error ellipse: s-maj=10.0km s-min=4.9km az=35.7
IDC 25 15:45:50.9, 1.8, 40°79'N-51°63'E, h49km, 21km, mb3.5/7, mbtmp3.8/15, ML3.8/8, MS2.6/1, Error ellipse: s-maj=30.3km s-min=14.8km az=7.0
TIF 25 15:45:50.3, 40°66'N-51°64'E, h97km, 4km
TEH 25 15:45:52.1, 40°63'N-51°69'E, h60km, ML4.2
AZER 25 15:45:52.5, 40°54'N-51°56'E, h39km, ml3.7
ISC 25 15:45:51.4-0.7, 40°65'N-0°04-51°73'E, 0.05, h52km, 6km, 1n37, 1973/201, mb3.7/10, 1C-1D, Caspian Sea

Main station list for 25d 16h, including GALA Gala, NDR Nardaran, GOBA Gobu, etc.

2018 JUN

Main station list for 2018 JUN, including ARKR ARKR, VSHL Vushlovani, BUJR Buynak, etc.

1460

Main station list for 1460, including AKKB Malin Array Si, MNB Minsk, MNK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like THZ Tophouse, WHZ Wether Hill, and various other locations.

UPP 25 17:01:00.4, 0.1, 6.7, 0.4N:20.97E, h0km, ML2.1, Unknown
IDC 25 17:01:00.4, 1.0, 6.7, 0.6N:21.07E, h0km, mbmp2.6/4,
ML1.9/4, Error ellipse: s-maj=16.4km s-min=7.9km
az=115.0

HEL 25 17:01:00.7, 0.4, 6.6, 9.6N:20.83E, h0km, ML1.9, Explosion
ISC 25 17:01:00.2, 0.7, 6.7, 0.5N:0.02, 20.91E, h0km, n46,
e153/71, Sweden

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like DUNU Dunderet, MASU Masugnbyn, and various other locations.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like FINES comp=2.0, 1nm, 0.3s, and NOA comp=2.0, 1nm, 0.3s.

IDC 25 17:08:43.5: 1.6, 5.8, 9.6S: 28.36W, h0km, mb4.0/2,
mbmp3.9/3, ML2.8/1, MS3.5/1, Error ellipse:
s-maj=81.8km s-min=35.8km az=67.0, South Sandwich
Islands region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like SNAA Sanae, MAW Mawson, and various other locations.

SDD 25 17:11:02.5, 2.0, 19.51N:68.15W, h18km, 70km, MD3.1,
ML2.3, MW2.7
NEIC 25 17:11:03.5, 2.1, 19.8N:0.1:67.59W, 0.09, h93km, 34km,
ML2.5/14, MD3.4/6 (RSPR), Error ellipse: s-maj=21.6km
s-min=8.3km az=204.0

RSPR 25 17:11:03.7, 19.44N:68.24W, h106km, 6km, MD3.4/6
ISC 25 17:11:01.2, 2.7, 19.6N:0.1:68.16W, 0.05, h13km, 21km,
n33, e190/39, SC, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like PCDR Punta Cana, HATOM Hatoy Mayor del, and various other locations.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like KURS 22nm, 0.4s, TARG Taragay, and various other locations.

WEL 25 17:19:00.8, 0.4, 4.3, 3.3S: 173.3E, h23km, 3km, M3.4/11,
ML3.7/11, MLv3.4/11, Error ellipse: s-maj=0.0km
s-min=0.0km az=49.9, confirmed, South Island

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, I, S, C. Includes stations like SWNC Swannanoa, ASHY Ashley, and various other locations.

ATH 25 17:38:06.9, 36.71N:21.34E, h16km, 2km, ML2.0/2, Error

TWE	S	Sn	19 07 51.5 -0.4	baz=200	HWA	eS	Sn	19 08 01.9 +0.6	ECBN	Changbin	1.54 202	eP	Pn	19 07 56.3 -0.8									
baz=272					baz=200				ECBN	baz=214		eS	Sn	19 08 14.2 -2.1									
SX11	Grass Mountain	0.38 332	↑P	Pn	19 07 43.4 -0.2	NJD	Zhudong	0.89 269	eP	Sn	19 07 49.4 +0.6	EYUL	Yuli	1.56 206	eP	Pn	19 07 57.3 -0.1						
baz=323																							
SX11		eS	Sn	19 07 51.5 -0.8	NJD	baz=269	baz=269	0.91 109	P	Pn	19 07 48.8 -0.1	TWF1	Yuli	1.56 207	eP	Pn	19 07 55.9 -1.5						
EWUT	Wuta	0.41 221	↑P	Pn	19 07 43.7 +0.1	YOJ	Yonaguni jima	0.91 109	P	Pn	19 07 48.8 -0.1	IRIF	Iriomote-Funau	1.57 105	P	Pn	19 07 57.4 -0.1						
baz=220						YOJ	Yonaguni jima	0.91 109	↑P	Pn	19 07 48.8 -0.1	IRIF	baz=104	eS	Sn	19 08 17.2 +0.2	WYL	Wulan Townsh	1.57 240	eP	Pn	19 07 57.9 +0.4	
EWUT	baz=220	eS	Sn	19 07 52.5 +0.1	YOJ	Yonaguni jima	0.91 109	P	Pn	19 07 48.9 0.0	YOJ	Yonaguni jima	0.91 109	P	Pn	19 08 01.4 -0.3	WYL	baz=241	eS	Sn	19 08 17.8 +0.7		
WFSB	Wu-fen Shan	0.41 320	↑P	Pn	19 07 43.7 0.0	YOJ	Yonaguni jima	0.91 109	P	Sn	19 08 01.6 -0.2	FUSS	Fushou	0.91 236	↑P	Sn	19 07 49.7 +0.5	CHKH	Chenggong	1.67 202	eP	Pn	19 07 57.7 -1.2
baz=314						YOJ	baz=104	0.91 109	P	Sn	19 08 02.7 +0.5	FUSS	baz=231	eS	Sn	19 08 02.7 +0.5	CHKH	baz=212	eS	Sn	19 08 17.3 -2.2		
WFSB	baz=314	iS	Sn	19 07 52.0 -0.5	FUSS	baz=231	baz=231	0.91 109	P	Sn	19 08 02.7 +0.5	LXIB	Xiulin Townshi	0.94 219	↑P	Pn	19 07 48.9 -0.7	FULB	baz=205	eP	Pn	19 07 58.8 -0.5	
FUSB	Fushanzhiwuyua	0.44 271	↑P	Pn	19 07 44.0 0.0	LXIB	baz=210	0.94 219	↑P	Pn	19 08 02.7 +0.5	LXIB	baz=210	eS	Sn	19 08 02.1 -0.8	CHN5	Tsauling	1.72 228	eP	Pn	19 08 00.5 +1.0	
baz=279						LXIB	baz=210	0.94 219	↑P	Pn	19 08 02.7 +0.5	LXIB	baz=210	eS	Sn	19 08 02.1 -0.8	CHN5	baz=238	eS	Sn	19 08 21.8 +1.1		
FUSB	baz=279	eS	Sn	19 07 51.8 -1.2	LXIB	baz=210	baz=210	0.94 219	↑P	Pn	19 08 02.7 +0.5	ETM	Tongmen	0.94 214	↑P	Pn	19 07 48.7 -0.7	HATJ	Hateruma jima	1.73 113	P	Pn	19 07 59.8 +0.2
ENA	Nanau	0.44 223	↑P	Pn	19 07 44.2 +0.3	ETM	baz=215	0.94 214	↑P	Pn	19 08 01.3 -1.4	ETM	baz=215	eS	Sn	19 08 01.3 -1.4	WGK	Gukung	1.74 233	↑P	Pn	19 08 00.7 -1.0	
baz=221						WHF	Heiban Shan	0.95 231	eP	Pn	19 07 50.2 +0.2	WHF	Heiban Shan	0.95 231	eP	Pn	19 07 50.2 +0.2	WGK	baz=243	eS	Sn	19 08 22.1 +1.0	
ENA	baz=221	eS	Sn	19 07 53.4 +0.5	WHF	baz=223	baz=223	0.95 231	eP	Pn	19 07 50.2 +0.2	TWT	Tachien	0.95 239	↑P	Pn	19 07 50.7 +1.0	WDLH	Douliu	1.75 233	eP	Pn	19 08 00.6 +0.7
ENNT	Nioudou	0.47 256	↑P	Pn	19 07 44.5 +0.3	TWT	baz=232	0.95 239	↑P	Pn	19 08 04.0 +0.8	HSN1	Hsinchu	0.96 272	eP	Sn	19 07 49.8 +0.2	WRL	Guolierin Hig	1.76 242	eP	Pn	19 08 00.6 +0.6
TNOU	National Taiwa	0.48 326	↑P	Pn	19 07 44.0 -0.2	HSN1	baz=271	0.96 272	eP	Sn	19 08 03.7 +0.8	HSN1	baz=271	eS	Sn	19 08 03.7 +0.8	CHKT	Chengkung	1.77 202	↑P	Pn	19 07 58.9 -1.3	
baz=320						NHW	Xinwu Township	0.96 285	eP	Pn	19 07 49.6 0.0	NHW	baz=290	eS	Sn	19 07 49.6 0.0	CHKT	baz=195	eS	Sn	19 08 18.7 -3.1		
TNOU	baz=320	iS	Sn	19 07 52.8 -0.7	NHW	baz=290	baz=290	0.96 285	eP	Pn	19 08 04.0 +0.9	LIOB	Emei	0.96 264	↑P	Sn	19 07 50.2 +0.5	RLNB	Erin	1.78 242	P	Pn	19 08 00.5 +0.2
TWA	Mucha	0.50 297	↑P	Pn	19 07 44.3 -0.1	LIOB	baz=264	0.96 264	↑P	Sn	19 08 04.0 +0.9	LIOB	baz=264	eS	Sn	19 08 04.0 +0.9	EHD	Haiduan	1.78 206	eP	Pn	19 07 58.6 -1.7	
baz=298						TDCB	baz=264	0.97 239	↑P	Pn	19 07 50.8 +0.9	TDCB	Techi	0.97 239	↑P	Pn	19 07 50.8 +0.9	ECS	baz=207	eP	Pn	19 08 01.6 +0.7	
TWA	baz=298	iS	Sn	19 07 53.1 -0.8	TDCB	baz=232	baz=232	0.97 239	↑P	Pn	19 08 03.6 +0.2	TDCB	baz=232	eS	Sn	19 08 03.6 +0.2	ELDTW	Lidau	1.83 212	eP	Pn	19 08 00.5 -0.6	
NWLT	Wulai	0.52 273	↑P	Pn	19 07 44.6 0.0	NSTT	Nanjuang	0.98 263	↑P	Pn	19 07 50.2 +0.4	NSTT	baz=271	eS	Sn	19 08 03.2 +0.4	ELDTW	baz=207	eS	Sn	19 08 22.9 -0.6		
baz=280						NSTT	baz=271	0.98 263	↑P	Pn	19 07 50.2 +0.4	TEYL	Yanliu Villag	0.98 206	P	Pn	19 07 49.4 -0.5	JKRS	Kuro-shima	1.84 106	P	Pn	19 08 01.4 +0.3
NWLT	baz=280	eS	Sn	19 07 53.7 -0.6	HSN1	baz=271	baz=271	0.98 206	P	Pn	19 08 02.9 -0.6	TEYL	baz=199	eS	Sn	19 08 02.9 -0.6	JKRS	JKRS	1.86 242	eP	Pn	19 08 24.3 +0.8	
EOS3	EOS3	0.52 154	↓P	Pn	19 07 45.3 +0.9	TEYL	baz=199	0.98 206	P	Pn	19 08 02.9 -0.6	SBCB	Hsinchu	0.99 272	↑P	Pn	19 07 50.4 +0.5	WTCT	Ta-ch'eng	1.86 242	eP	Pn	19 08 01.5 +0.2
baz=161						NHW	baz=199	0.99 272	↑P	Pn	19 07 50.4 +0.5	SBCB	baz=272	eS	Sn	19 08 04.0 +0.4	WTCT	baz=241	S	Sn	19 08 23.7 -0.1		
EOS3	baz=161	eS	Sn	19 07 55.2 +1.4	NHW	baz=199	baz=199	0.99 272	↑P	Pn	19 07 50.4 +0.5	SBCB	baz=272	eS	Sn	19 08 04.0 +0.4	WTK	Tuku	1.87 236	eP	Pn	19 08 02.0 +0.6	
NDT	Datong Townshi	0.53 254	↑P	Pn	19 07 45.2 +0.5	SBCB	baz=272	0.99 272	↑P	Pn	19 08 04.0 +0.4	SBCB	baz=272	eS	Sn	19 08 04.0 +0.4	WTK	baz=235	eS	Sn	19 08 25.1 +1.0		
baz=254						SBCB	baz=272	0.99 272	↑P	Pn	19 08 04.0 +0.4	SBCB	baz=272	eS	Sn	19 08 04.0 +0.4	WTK	baz=235	eS	Sn	19 08 03.0 +1.4		
NDT	baz=254	eS	Sn	19 07 54.9 +0.5	SBCB	baz=272	baz=272	0.99 272	↑P	Pn	19 08 04.0 +0.4	SBCB	baz=272	eS	Sn	19 08 04.0 +0.4	WCKO	Fanlu	1.87 226	eP	Pn	19 08 25.9 +1.6	
EHP	Heping Village	0.53 214	eP	Pn	19 07 44.4 -0.4	HSN	Hsinchu	1.00 273	eP	Sn	19 08 03.3 -0.5	HSN	baz=274	eS	Sn	19 08 03.3 -0.5	WCKO	baz=227	eS	Sn	19 08 25.9 +1.6		
baz=212						SHUL	Shoufeng	1.07 206	eP	Pn	19 07 50.9 -0.1	SHUL	Shoufeng	1.07 206	eP	Pn	19 07 50.9 -0.1	CHN2	Minshiang	1.90 230	eP	Pn	19 08 03.3 +1.4
NHY	Taipei	0.54 302	↑P	Pn	19 07 44.7 -0.1	CHGB	Renai	1.07 230	↑P	Pn	19 07 51.7 +0.5	CHGB	Renai	1.07 230	↑P	Pn	19 07 51.7 +0.5	EDH	Donghe	1.91 202	eP	Pn	19 08 01.0 -1.0
baz=302						NJN	Zhunhan	1.09 267	eP	Pn	19 07 51.8 +0.6	NJN	baz=266	eS	Sn	19 08 06.6 +0.7	JIJ	Ishigaki jima	1.93 101	P	Pn	19 08 02.1 -0.1	
NHY	baz=302	S	Sn	19 07 54.0 -0.5	NJN	baz=266	baz=266	1.09 267	eP	Pn	19 08 06.6 +0.7	NJN	baz=266	eS	Sn	19 08 06.6 +0.7	JIJ	JIJ	1.94 224	eP	Pn	19 08 25.3 +0.3	
NHDH	Xindian Distri	0.54 293	eP	Pn	19 07 44.6 -0.2	ESL	Shilin	1.10 212	↑P	Pn	19 07 50.3 -1.1	ESL	baz=221	eS	Sn	19 08 04.4 -1.8	CHN4	Tsushan	1.94 224	eP	Pn	19 08 03.8 +1.3	
baz=293						ESL	baz=221	1.10 212	↑P	Pn	19 07 50.3 -1.1	ESL	baz=221	eS	Sn	19 08 04.4 -1.8	CHN4	baz=226	eS	Sn	19 08 28.2 +2.2		
NHDH	baz=293	eS	Sn	19 07 53.6 -0.9	WHP	Taichung City	1.13 245	↑P	Pn	19 07 52.9 +1.1	WHP	baz=256	S	Sn	19 08 08.2 +1.2	TPUB	Ta-pu	1.96 223	P	Pn	19 08 04.2 +1.5		
LATG	Datong	0.54 246	↑P	Pn	19 07 45.7 +0.7	WHP	baz=256	1.13 245	↑P	Pn	19 07 52.9 +1.1	WHP	baz=256	S	Sn	19 08 08.2 +1.2	TPUB	Ta-pu	1.96 223	P	Pn	19 08 04.1 +1.4	
baz=247						OWD	Renai	1.14 226	↑P	Pn	19 07 52.2 +0.2	OWD	baz=219	eS	Sn	19 07 52.2 +0.2	TPUB	Ta-pu	1.96 223	P	Pn	19 08 03.1 +0.4	
TATO	Taipei	0.57 293	P	Pn	19 07 44.9 -0.2	OWD	Renai	1.14 226															

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MASBT Mashibuluo, PNG Penghu, PHUB Peng-hu, etc.

KRNET 25:19:14.12.0.1, 40.30N:73.20E, h17km, mb3.0
SOME 25:19:14.12.8, 40.48N:73.17E, h0km
NCC 25:19:14.17.6.6.0, 40.50N:72.91E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=55, 1km s-min=30.3km az=157.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SFK, OHH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EKS2, MRKS, MRKS, MRKS, etc.

IDC 25:19:15.53.1.1.1, 49.16S:108.62E, h0km, mb4.0/6, mbmp4.0/6, MS3.7/9, Error ellipse: s-maj=42.2km s-min=20.5km az=113.0

ISC 25:19:15.54.6.1.1, 49.2S:0.2x108.6E:0.2, h10km, n18, 0.040/1.1, mb4.0/8, MS3.6/9, 4C, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

HVO 25:19:41.44.0.0.7, 19.40N:0.01x155.273W:0.008, h1km, 3km, ML3.7/11, ML3.0/35(NEIC), Error ellipse: s-maj=1.6km s-min=1.1km az=179.0

NEIC 25:19:41.44.4.0.9, 19.394N:0.007, 155.286W:0.008, h5km, 1km, Error ellipse: s-maj=1.2km s-min=0.9km az=55.0

IDC 25:19:41.45.5.20.0, 19.69N:155.25W, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=426.9km s-min=64.6km az=36.0

ISC 25:19:41.44.1.1.1, 19.41N:0.03x155.28W:0.003, h4km, 5km, n30, 0.056/30, mb3.5/3, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RIM Rim, KKO Keanakakoi, OBL Observatory Le, etc.

IDC 25:19:42.03.3.5.6, 18.92N:155.84W, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=108.7km s-min=21.8km az=61.0

HVO 25:19:42.07.9.2.0, 19.4N:0.2x155.27W:0.09, h1km, 6km, ML4.3/3, mb4.3/21(NEIC), ML3.5/28(NEIC), Error ellipse: s-maj=2.0km s-min=1.6km az=151.0

NEIC 25:19:42.08.2.2.3, 19.4N:0.1x155.30W:0.07, h3km, 6km, Error ellipse: s-maj=20.9km s-min=1.7km az=151.0

ISC 25:19:42.08.1.0.9, 19.38N:0.04x155.29W:0.010, h10km, 5km, n56, 0.145/55, mb4.3/17, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SDHHI Sand Hill, WRHMI Hawaiian Ridge, OBSERVATORY Le, etc.

25d 19h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like HATHI, SBLHI, PUH, etc.

NOU 25 19:45:04.8, 17:05:168.56E, h79km, MLV4.4/11, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like DVP, LIFNC, MARNC, etc.

IDC 25 19:46:47.5:0.9, 36.32N:67.36E, h0km, mb3.7/13, mbmp3.8/19, ML3.5/6, MS3.1/8, Error ellipse: s-maj=16.5km s-min=14.8km az=18.0

MOS 25 19:46:49.4:1.4, 36.62N:67.36E, h20km, mb4.4/7, Error ellipse: s-maj=9.2km s-min=6.5km az=83.7

NEIC 25 19:46:52.2:1.7, 36.71N:0.04:67.30E:0.07, h42km, 6km, mb4.2/8, Error ellipse: s-maj=9.5km s-min=3.6km az=127.0

NNC 25 19:46:55.8:1.4, 37.24N:67.19E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=17.3km s-min=6.0km az=157.0

ISC 25 19:46:51.6:0.5, 36.65N:0.05:67.41E:0.04, h22km, n83, +159D/104, mb4.0/21, MS3.2/7, 4C-6D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SBLJ, KBL, KAM, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KKAR, KJMU, KASHI, etc.

1468

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AKASG, AKBB, SONM, etc.

NOU 25 19:50:25.3, 40.20S:173.86E, h113km, MLV3.7/8, Cook Strait, New Zealand

WEL 25 19:50:26.8:0.7, 40.5:3:17.4E:1.88km, 8km, M3.1/39, ML3.2/27, MLV3.1/39, Error ellipse: s-maj=0.0km s-min=0.0km az=109.9, confirmed

ISC 25 19:50:25.0:1.5, 40.23S:0.04:174.02E:0.04, h111km, 10km, n80, 0.92E/86, Cook Strait

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like DUWZ, LREZ, WAZ, etc.

25d 22h

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like C17K DeLongo Moutai, J19K Poorman, J19K comp=E,221nm,0.9s, etc.

2018 JUN

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like HARP HAARP, M19K Big River Lodg, DAWY Dawson, etc.

1472

Table with columns: RES, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like Resolute Bay, Resolute Bay, Resolute Bay, etc.

IDC 25 22:28:57.3-1.0, 13°22'N:121°37'E, h0km, mb3.8/8, mbmp3.8/8, MS3.3/9, Error ellipse: s-maj=59.7km s-min=16.3km az=61.0

ISC 25 22:29:02.1-1.0, 13°22'N:121°37'E:0.3, h31km, n17, o=082.9, mb3.9/9, MS3.6/8, Mindoro

Table with columns: Code, Station Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like DAVO Davao City (W), JAW Kunigami, KAPI Kappadocia, etc.

IDC 25 22:53:52.0-1.0, 60°23'N:152°72'W, h101km, 31km, mb3.6/5, mbmp4.0/10, Error ellipse: s-maj=37.0km s-min=14.7km az=116.0

az=102.0
AEIC 25 22:53:54.5:1.4,60.25N:0.03:152.61W:0.07,
h105km,3m,ML3.4,ML3.5/188(NEIC), Error ellipse:
s-maj=5.0km s-min=4.4km az=107.0
ISC 25 22:53:53.2:0.7,60.26N:0.03:152.58W:0.03,
h114km,5km,n428,c080/463,mb4.1/5,Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include Slope Mountain, Redoubt Volcan, Redoubt South, Redoubt West, Iliamna Volcan, Redoubt, North Crescent, Redoubt Jeurge, Iliamna South, Oil Pt, Homer, Captain Cook N, Mount Spurr, Spurr Chakacha, Augustine Moun, Augustine Lava, Bradley Lake, Chakachata No, Spurr Blockage, Bradley Lake S, Bradley Lake S, Spurr Capps G, Bonanza Creek, North Nagishla, Skilak Lake, Strandline Lak, Koktuh Hills, Cooper Landing, Cooper Landing, Cape Douglas, Fire Island, Susitna One, Seward, Big Mountain, Rabbit Creek A, Styx River, Shuyak Island, Shuyak Island, Kilae Creek, Kilae Creek, Sparrevohn, Skwentna, Big River Lodg, Katmai Pasha, Willow, Stony River, Stony River.

Table with columns: M18K, S, Sn, Time, Res, ISC, h, m, s, ISC. Rows include Katmai Hardscr, Katmai Hardscr, Palmer, Palmer, White Mountain, White Mountain, Kovichak River, Kovichak River, Nushagak Hills, Nushagak Hills, Farewell, AK, Kologanek Bris, Kologanek Bris, Knik Glacier, Knik Glacier, Glory Hole Cre, Katmai Vly 10, Katmai Mt Cerb, Chulitna, Chulitna, Katmai Buttres, Kodiak Island, Kodiak Island, Kodiak Island, Angle Creek He, Angle Creek, Sawmill, Holitna River, Holitna River, Purkeypile, Purkeypile, Glacier Island, Granite Mounta, Granite Mounta, Glacier View, Glacier View, Kokwok River B, Kokwok River B, Karluk, Karluk, Sheep Creek M, Sheep Creek M, Nushagak River, Nushagak River, Hinchinbrook I, Hinchinbrook I, Port Fidalgo, Port Fidalgo, Old Harbor, Old Harbor, Nishik Lake, Nishik Lake, Susitna Watana, Castle Rocks, Castle Rocks, Telida, Telida, Susitna Watana, Susitna Watana, Timber Creek, Timber Creek, Middleton Isla, Middleton Isla, Middleton Isla, Middleton Isla.

Table with columns: MID, IAML, Time, Res, ISC, h, m, s, ISC. Rows include comp=N,81nm,0.5s, comp=E,73nm,1.1s, Susitna Watana, Susitna Watana, Donlin, Donlin, Kantishna Hill, Kantishna Hill, comp=E,87nm,0.7s, comp=N,91nm,0.7s, Cordova Ski Ar, Cordova Ski Ar, Cordova Ski Ar, Divide, Klutina, Klutina, Tolsona, Glenn, Tolsona, Glenn, Reindeer, Reindeer, comp=N,51nm,0.4s, comp=E,74nm,0.4s, Lake Minchumim, Lake Minchumim, Owahat River, Owahat River, Iditarod, Iditarod, comp=N,66nm,0.9s, comp=E,61nm,0.8s, Iditarod, Iditarod, Kwethluk River, Kwethluk River, comp=N,44nm,0.8s, comp=E,44nm,0.6s, Kwethluk River, Denali Highway, Denali Highway, Denali Highway, Innoko River, Innoko River, Sitkinak Island, Sitkinak Island, Sitkinak Island, Ugalikthiuk R, Ugalikthiuk R, McKinley, McKinley, Goat Mountain, Bear Paw Mtn, Bear Paw Mtn, Bear Paw Mtn, Rugged Mountai, Rugged Mountai, Bremner River, Bremner River, Nowinta River, Nowinta River, Poorman, Poorman, Kasigliuk River, Kasigliuk River, Kayak Island, Kayak Island, Kayak Island, Chitina, Valde, Chitina, Valde, Hamilton, Hamilton, Browne, Browne, Nichawak Mount, Nichawak Mount, Paxson, Paxson, Suckling Hills, Suckling Hills, comp=N,39nm,0.5s, comp=E,24nm,0.5s, VABM Dome, Gilahina Butte, Gilahina Butte, Tiguykaiwet M, Tiguykaiwet M, Ungalak Mounta, Ungalak Mounta, Kuskokwak Cree, Kuskokwak Cree, Verde Repeater, Verde Repeater, comp=N,87nm,0.6s, Grindle Hills, Khitrov Hills, Ebing Glacier, Naaghdeneel, Naaghdeneel, comp=E,49nm,1.1s, comp=N,51nm,1.0s, Naaghdeneel, Naaghdeneel, Nenana, Nenana, Bethel, Bethel, CRQM Cirque, CRQE Cirque, Wood River Hill, Wood River Hill, comp=E,34nm,0.4s.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like CHIR Chirikof Islan, K15K Wolf Creek Mou, K24K Ootlegie Dome, WAX Waxel Ridge, SNH Sunshine Point, MLY Manley, J16K Anvik River, CCB Clear Creek Bu, MENT Mentasta, BARK Barkley Ridge, PTPK Patty Peak, L14K Kukka Creek, KIAG Klagna River, ISLE Juniper Island, M26K Nabesna, AK, M26K Minto, COLA College, I23K Minto, Y23K Minto, I23K Minto, MDM Murphy Dome, L26K Log Cabin Wild, IL31 Elelson Array, ILAR Elelson Array, DOT Lake Unalakleet, MESA MESA, M13K Dall Lake, H20K Anotleneega Mo, GRNC Granite Creek, YAH Yahrtse, POKR Poker Plat Res, H21K Melozitna Rive, H21K Melozitna Rive, SCRK Sand Creek, J25K Salcha River, M27K Edge Creek, AK, H19K Roundabout Mou, CTG Chitna Glacier, CTGM Chitna Glacie, H18K Honhosa River, H22K Ishlialla Cre, H22K Ishlialla Cre, LOGN Logan Glacier, H23K Yukon River, IMAR Indian Mountai, H17K Granite Mounta, H17K Granite Mounta, J14K Nanvaranak Lak, L27K Beaver Creek, BCAR Beaver Creek A, Y26K White River, J26L Joseph Creek, H24K Noodor Dome, YUK3 Moose Creek, K13K Kusilvak Mount, O28M Mount Upton, P28M Pinnacle, PRP Porcupine Dome, K27K Chicken, G19K Purcell Mounta, G19K Purcell Mounta, G18K Tagagawik, G21K Allakaket, G21K Allakaket.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like BCPM Bancas Point, G23K Bananza Creek, PNL Peninsula, I26K Coal Creek Min, H25L Birch Creek, G16K Koyuk River, G24K Hadweenciz Riv, EGAK Eagle, F20K Avaraat Lake, O29M Mount Kennedy, F19K Shalericuk Mo, F21K Alaina River, YUK6 Outpost Mounta, COLD Coldfoot, M29M Somme Creek, FYU Fort Yukon, G25K Bearman Lake, YUK7 Dusty Glacier, F17K Salvin Pennin, I27K Kandik River, L29M L29M, HVT Haines Junctio, P29M Windy Craggy, E19K Redstone River, F24K Squaw Lake, N30M Aishikik Lake, F15K North Star Dit, G26K Porcupine Rive, I28M Miner Creek, H27K Steamboat Moun, M20M Minto, Yukon, E18K Tukpahleark C, E24K Your Creek, O30N Mendenhall, G27K Doyon Strip, E21K Kilik River, N31M Braeburn, Yuko, F26K Sheenjek River, E25K Arctic Village, TOLK Tookik Lake Re, D19K Kuna River, J30M Hart River, S31K Pelican, H25M Whiststone, WHY Whitehorse, I30M Mount Dempster, D24K Happy Valley, F28M Old Crow, E27K Coleen River, G29M Pine Creek, B21K Inkpuk Riv, R32K Eaglecrest, D25K Kavik River, P32M Atlin, JIS Juneau Island, SIT Sitka, C23K Htiklik River, S32K Kllisnoo, H31M Peal River, B20K Meade River, E29M Bato River, E29M Bato River, G32M Nakina River, G31M Satah River, R33M Jennings Riv, U33K Whale Falls, S34M Telegraph Cree, CRAG Craig, INK Inuvik, DLBC Dease Lake, T35M Bob Quinn, V35K Ketchikan, DIB Dawson Inlet, ATKA Atka Island, YKA Yellowknife Ar, SONM Songino Array, ZALV Zalesovo Beam, BVAR Borovoye Array, KURBB Kurchatov Arra, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like GUMO Guam, JCJ Chichijima, JCJ Chichijima, JCJ Warramunga Arr, WR0 Warramunga Arr, WR2 Warramunga Arr, ASAR Alice Springs, BB00 Buclekoo, UWE Uwekahuna, N17K Nushagak Hills, J17K VABM Dome, K17K Iditarod, N18K Kilae Creek, N18K Koku Hill, O18K Honhosa River, H18K Honhosa River, H19K Bonanza Creek, E18K Tukpahleark C, SYI Shuyak Island, J19K Poorman, H19K Roundabout Mou, G19K Purcell Mounta, CNPM China Pool, C19K Lookout Ridge, D19K Kuna River, SKT Skwentna, CAST Castle Rocks, SUA Susitna One, IMAR Indian Mounta, KURBB Kurchatov Arra, ILAR Elelson Array, J26L Joseph Creek, BMAR Burtt Mountain, BVAR Borovoye Array, NVAR Mina Array Bea, FINES FINESS Array, KK31 Karatay Array, GEYT Alnakk, GEYT Alnakk, MKAR Makanchi Array, ZALV Zalesovo Beam, KLR Kuldur, LEM Lembang, LBM1 Labuha, DJA 25 23:32:47.3, 0.6, 0.1, 2.1, 12.5, h19km, 5km, MA, 5/14, IDC 25 23:32:48.0, 0.3, 0.3, 0.3, 0.3, 124.75E, h75km, 32km, mb3.7/16, NEIC 25 23:32:49.8, 1.5, 0.1, 16N, 0.08, 124.89E, 0.07, h87km, 10km, ISC 25 23:32:45.8, 0.5, 0.26N, 0.06, 124.96E, 0.06, h50km, n48, KMSI Cibinong, TMT Ternate, TMT Ternate, SANI Sanana, LUWI Luwuk, LUWI Luwuk, LBM1 Labuha.

MATP	Matopo	56.67	73	LR	LR	02 17 35.9			
ITTB	Iaituba	58.55	329	eP	P	01 58 37.5	0.0		
NNA	Nana	58.85	303	LR	P	02 21 38.4			
NNA	Nana	58.85	303	iP	P	01 58 39.3	-0.4		
CHPN	CHIPPINGE	58.87	77	eP	P	01 58 39.8	-0.1		
KRI	Karoi	60.29	72	eP	P	01 58 47.7	-2.0		
LSZ	Lusaka	60.94	69	P	P	01 58 52.9	-1.2		
LSZ	Lusaka	60.94	69	Iamb	Iamb	01 59 01.1			
LSZ	Lusaka	60.94	69	P	P	01 58 52.9	-1.2		
CZSB	Cruzeiro do Su	61.00	310	P	P	01 58 53.0	-1.5		
CZSB	Cruzeiro do Su	61.00	310	Iamb	Iamb	01 59 12.4			
CZSB	Cruzeiro do Su	61.00	310	eP	P	01 58 54.0	-0.4		
MACA	Manacapuru-AM	61.08	324	P	P	01 58 53.9	-1.0		
MACA	Manacapuru-AM	61.08	324	eP	P	01 58 54.0	0.0		
MCBP	Macapa, AP	61.19	320	eP	P	01 58 58.0	-0.1		
TEFE	Tefe	61.99	320	eP	P	01 59 01.0	0.0		
FOMA	Nahampoana Res	62.16	92	IAMs_20	IAMs_20	02 19 16.2			
TBTG	Tabatinga, AM	63.20	314	IAMs_20	IAMs_20	02 25 59.0			
ATAH	Atahualpa	63.86	304	LR	LR	02 26 25.5			
BOAV	Boa Vista	66.31	326	P	P	01 59 27.9	-1.5		
BOAV	Boa Vista	66.31	326	Iamb	Iamb	01 59 39.3			
BOAV	Boa Vista	66.31	326	eP	P	01 59 28.4	-1.0		
MDP	Montagnes des	66.95	335	LR	LR	02 27 35.3			
OPO	Alto Paraíso	67.60	89	LR	LR	02 23 43.6			
LIC	Lamto	68.47	271	eP	P	01 59 43.8	+0.7		
KIC	Kosan Boka	68.67	271	eP	P	01 59 44.2	-0.1		
TIC	Tumodi	68.68	271	eP	P	01 59 46.3	+0.7		
DBIC	Dimbokro	68.84	27	eP	P	01 59 45.6	-0.4		
DBIC	Dimbokro	68.84	27	P	P	01 59 45.6	-0.4		
DBIC	Dimbokro	68.84	27	LR	LR	02 22 27.3			
PULU	Pululahua	70.37	307	P	P	01 59 54.2	-1.2		
OTAV	Otavalo	70.55	307	Iamb	Iamb	01 59 56.1	-0.4		
OTAV	Otavalo	70.55	307	P	P	01 59 56.1	-0.4		
OTAV	Otavalo	70.55	307	Pmax	Pmax	02 00 19.9			
OTAV	Otavalo	70.55	307	P	P	01 59 56.1	-0.4		
OTAV	Otavalo	70.55	307	eP	P	01 59 55.8	-0.7		
ROSC	El Rosal	73.16	313	LR	LR	02 32 45.4			
BAUV	El Baul	74.79	321	Iamb	Iamb	02 00 28.7			
MBAR	Mbarara	74.97	64	IAMs_20	IAMs_20	02 30 41.9			
MBAR	Mbarara	74.97	64	iP	P	02 00 21.8	-0.6		
SDV	Santo Domingo	75.60	318	LR	LR	02 34 09.0			
RPZ	Rata Pezú	75.65	195	LR	LR	02 29 20.7			
GRGR	Grenville	75.92	328	IAMs_20	IAMs_20	02 33 40.9			
TOAO	Torodi Ar. Sit	76.80	32	P	P	02 00 32.2	-0.3		
TOAO	Torodi Ar. Bea	76.80	32	Iamb	Iamb	02 00 40.4			
TORD	Torodi Ar. Bea	76.80	32	P	P	02 00 31.5	-1.0		
TORD	Torodi Ar. Bea	76.80	32	Iamb	Iamb	02 00 40.4			
TORD	Torodi Ar. Bea	76.80	32	P	P	02 00 32.9	+0.4		
TORD	Torodi Ar. Bea	76.80	32	LR	LR	02 28 51.4			
KIBK	Kibwezi	76.90	72	IAMs_20	IAMs_20	02 30 37.4			
HATO	Hato, Curacao	78.13	321	IAMs_20	IAMs_20	02 33 28.9			
BRZ	Black Stamp Fm	79.25	201	IAMs_20	IAMs_20	02 35 44.0			
UKZ	Urewera	80.02	201	LR	LR	02 33 48.7			
LODK	Lodwar	80.66	67	IAMs_20	IAMs_20	02 32 27.4			
SEUS	St. Eustatius	81.39	328	IAMs_20	IAMs_20	02 38 35.6			
LCR2	La Lucha 2	81.43	306	P	P	02 00 56.6	-1.5		
LCR2	La Lucha 2	81.43	306	Iamb	Iamb	02 01 07.6			
SMRT	St. Maarten	81.95	328	IAMs_20	IAMs_20	02 43 25.3			
JMS	Las Junks de	82.31	305	LR	LR	02 37 39.4			
SJG	San Juan	82.86	325	IAMs_20	IAMs_20	02 38 13.5			
GCPR	Guaynabo City	83.03	326	IAMs_20	IAMs_20	02 38 19.1			
MSEY	Mahe Island	83.61	88	IAMs_20	IAMs_20	02 31 23.7			
MSEY	Mahe Island	83.61	88	iP	P	02 01 08.3	-1.2		
TBI	Tubuai	83.82	233	eP	P	02 01 05.0	-5.4		
TBI	Tubuai	83.82	233	eS	SKSac	02 11 25.2	-8.1		
TBI	Tubuai	83.82	233	eS	SS	02 16 55.7	-4.1		
TBI	Tubuai	83.82	233	eLQ	LQ	02 23 48.9			
TBI	Tubuai	83.82	233	eLR	LR	02 27 31.6			
TBI	Tubuai	83.82	233	eLR	LR	02 27 38.4			
NWAO	Narrogin (SRO)	83.90	153	IAMs_20	IAMs_20	02 36 27.7			
NWAO	Narrogin (SRO)	83.90	153	LR	LR	02 33 42.8			
BOAB	BOACO BROADBAND	85.36	306	P	P	02 01 14.2	+0.1		
BOAB	BOACO BROADBAND	85.36	306	IAMs_20	IAMs_20	02 38 05.2			
CRIN	San Cristobal	85.36	305	IAMs_20	IAMs_20	02 38 21.4			
CAN	Canberra	85.47	179	IAMs_20	IAMs_20	02 39 11.9			
TGUH	Teguigalpa,Un	86.67	305	IAMs_20	IAMs_20	02 38 58.3			
FURI	Furi	87.01	67	IAMs_20	IAMs_20	02 35 05.6			
TAM	Tamanrasset	87.03	32	P	P	02 01 24.9	-1.5		
TAM	Tamanrasset	87.03	32	P	P	02 01 24.9	-1.5		
SNET	Serv Nac Est T	87.16	303	IAMs_20	IAMs_20	02 36 39.3			
MT03	Montecristo	87.85	303	Iamb	Iamb	02 01 41.0			
STKA	Stevens Creek	88.63	173	P	P	02 01 31.6	-2.4		
STKA	Stevens Creek	88.63	173	P	P	02 01 33.1	-0.8		
STKA	Stevens Creek	88.63	173	LR	LR	02 39 29.4			
STKA	Stevens Creek	88.63	173	iP	P	02 01 33.7	-0.3		
PPT2	Papeete	89.00	236	eS	SS	02 12 24.0	-0.3		
PPT2	Papeete	89.00	236	eS	SS	02 18 14.3	-1.8		
PPT2	Papeete	89.00	236	eLQ	LQ	02 25 32.7			
PPT2	Papeete	89.00	236	eLR	LR	02 29 45.3			

PPT2	comp=Z,2um,23.0s	eLR	LR	02 30 02.5					
PPT	Papeete	89.02	236	LR	LR	02 32 10.6			
RAR	Rarotonga	89.74	226	LR	LR	02 36 21.8			
CCIG	Comitan	90.72	302	IAMs_20	IAMs_20	02 38 51.6			
ATD	Arta Tunnel	91.27	69	IAMs_20	IAMs_20	02 40 29.6			
ATD	Arta Tunnel	91.27	69	LR	LR	02 40 49.7			
CAMP	Carriaca	92.50	314	IAMs_20	IAMs_20	02 41 46.8			
TEIG	Tepecih	92.61	307	LR	LR	02 46 28.2			
PMOZ	Porto Tomiz, M	92.63	11	eS	SKSac	02 12 34.5	+9.0		
PMOZ	Porto Tomiz, M	92.63	11	eLR	LR	02 31 20.8			
CMIG	Matias Romero	92.64	300	LR	LR	02 38 47.5			
AVE	Averroes	94.36	19	IAMs_20	IAMs_20	02 37 29.5			
MDT	Midelt	94.37	21	LR	LR	02 40 27.9			
061Z	Ochopli	94.89	315	IAMs_20	IAMs_20	02 45 26.2			
060A	Indiantown	95.77	316	IAMs_20	IAMs_20	02 46 08.4			
ASAR	Alice Springs	96.01	165	P	P	02 02 07.2	-1.0		
ASAR	Alice Springs	96.01	165	P	P	02 02 08.0	+2.3		
ASAR	Alice Springs	96.01	165	P	P	02 06 02.0	-0.3		
ASAR	Alice Springs	96.01	165	P	P	02 02 08.0	-0.3		
ASAR	Alice Springs	96.01	165	P	P	02 02 07.5	-0.8		
ASAR	Alice Springs	96.01	165	eLR	LR	02 04 07.0			
565A	Willston	96.87	315	IAMs_20	IAMs_20	02 45 18.2			
CART	Cartagena	99.69	23	IAMs_20	IAMs_20	02 41 39.6			
456A	Hilliard	99.72	316	IAMs_20	IAMs_20	02 48 17.1			
WRA	Warramunga Arr	99.73	165	P	Pdf	02 02 25.1	0.0		
WRA	Warramunga Arr	99.73	165	P	P	02 45 43.4			
WRAB	Tennant Creek	99.74	165	IAMs_20	IAMs_20	02 47 16.0			
WRAB	Tennant Creek	99.74	165	iP	Pdf	02 02 24.9	-0.2		
WRAB	Tennant Creek	99.74	165	Pmax	Pmax	02 02 24.9	-0.2		
PMRV	Marv?7e	100.36	17	eLR	LR	02 35 25.6			
257A	Skidaway Islan	100.51	318	IAMs_20	IAMs_20	02 49 53.0			
CTAO	Charters Tower	100.58	176	IAMs_20	IAMs_20	02 46 09.1			
110C	Trifton	100.92	315	IAMs_20	IAMs_20	02 49 39.9			
451A	Vernon	100.96	313	IAMs_20	IAMs_20	02 50 40.1			
PAB	San Pablo	100.97	20	IAMs_20	IAMs_20	02 41 59.5			
NHSC	New Hope	101.26	319	IAMs_20	IAMs_20	02 48 43.8			
MTE	Mateigas	101.29	17	eS	SKSac	02 13 17.1	+7.2		
MTE	Mateigas	101.29	17	eLR	LR	02 36 25.6			
BRAL	Brewton	101.95	313	IAMs_20	IAMs_20	02 53 16.1			
575A	Sumter	102.16	319	IAMs_20	IAMs_20	02 48 35.7			
250A	Grady	102.38	314	IAMs_20	IAMs_20	02 50 13.6			
152A	Wavesy Hall	102.44	315	IAMs_20	IAMs_20	02 50 57.1			
W59A	Clinton	102.57	321	IAMs_20	IAMs_20	02 48 04.7			
GOGA	Godfrey	102.66	316	IAMs_20	IAMs_20	02 49 35.1			
JSC	Jenkinsville	102.69	318	IAMs_20	IAMs_20	02 49 15.8			
PGAV	Gavireira, Arco	102.72	16	eS	Sdf	02 14 32.2	+10		
PGAV	Gavireira, Arco	102.72	16	eLR	LR	02 39 29.1			
BIRD	Birdtown, Kers	102.76	319	IAMs_20	IAMs_20	02 48 18.5			
RAYN	Ar Rayn	102.89	66	IAMs_20	IAMs_20	02 45 23.6			
MAHO	Mahon	103.02	26	IAMs_20	IAMs_20	02 45 00.8			
Y52A	Lilburn	103.28	316	IAMs_20	IAMs_20	02 50 25.5			
PAULI	Pauline	103.37	318	IAMs_20	IAMs_20	02 49 36.8			
KMCS	Kings Mountain	103.50	319	IAMs_20	IAMs_20	02 48 55.2			
LRAL	Lakeview Reti	103.60	313	IAMs_20	IAMs_20	02 51 10.9			
VSL	Villasalto	103.88	30	IAMs_20	IAMs_20	02 46 27.4			
BG3	Lake Cassees	103.91	317	IAMs_20	IAMs_20	02 49 32.0			
V55A	Taylorville	104.11	319	IAMs_20	IAMs_20	02 48 58.3			
Y49A	Blount Mountai	104.12	314	IAMs_20	IAMs_20	02 50 18.6			
Z47A	Carrollton	104.14	313	IAMs_20	IAMs_20	02 48 56.3			
X51A	Calhoun	104.20	316	IAMs_20	IAMs_20	02 51 16.7			
W52A	Murphy	104.34	317	IAMs_20	IAMs_20	02 50 34.6			
FPAL	Fort Paine	104.44	315	IAMs_2					

26d 2h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like L15K Ungalak Mounta, J16K Anvik River, K15K Wolf Creek Mou, etc.

SJA 26 02:05:12.6:0.7, 32.115:72.32W, h10km, ML4.9, MW4.5
IDC 26 02:05:14.4:0.6, 32.02S:71.85W, h0km, mb4.4/13,
mbmp4.3/18, ML4.1/5, MS4.3/7, Error ellipse:
s-maj=21.9km s-min=13.8km az=86.0
VAO 26 02:05:16.5:0.6, 32.09S:71.82W, h10km, mb4.6
GUC 26 02:05:18.2:0.9, 32.16S:71.73W, h35km, km, ML4.6
NEIC 26 02:05:18.7:1.8, 32.15S:0.03:71.89W, 0.06, h24km, 3km,
mb4.8/30, Mw4.6/61, Mw4.6(GUC), Error ellipse:
s-maj=7.7km s-min=4.0km az=93.0, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mr=8.88;
Mw=1.58; Mo=3.30; Ma=0.80; Mb=4.25; Mb=7.28; Fault
plane solution: M3.51000x10^19 N/1m^2=293.0000,
3.31.10000°, 3.34.09000°, NP2.3=172.91000°, 3.73.7000°,
1.116.55000°. Principal axes: T 3.8848, P1g54.0000°,
Az=116.0000°, N -0.8113, P1g25.0000°, Az=345.0000°,
P -9.0735, P1g24.0000°, Az=243.0000°,
NEIC 26 02:05:19.1, 32.16S:71.81W, h24km
ISC 26 02:05:15.6:1.2, 32.09S:0.02:71.91W, 0.04, h7km, 7km,
n214, 1131/246, mb4.8/29, MS4.4/7, 9C-6D, Near coast of
central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VA06 Catapilco, VA01 Torpederas, VA03 San Esteban, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MT05 Renca, CO03 El Pedregal, MT10 Hacienda Santa, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, TRQA Torquisto, PSAL Palomas, Salto, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Pinedale Array, Mina Array Bea, Torodi Ar. Bea, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TDS, GRI, SALB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like LTRZ, MIGL, BULG, etc.

ROM 26 02:18:55.8:0.1,39:362N,0:007,-16:73E,0:01,h29km, ML2.8/48,3C-1D, Error ellipse: s-maj=0.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like PIPA, LADO, SPS2, SERS, CAR1, TDS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ORI, GRIS, MMN, PLAC, CUC, MGR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MPNC, PALZ, COL3, PTRJ, PIGN, CRJA, etc.

BEO 26 02:19:36.9:2.2,39:31N:16:58E,h55km,5km,ML3.7/16
PDG 26 02:19:37.0:0.6,39:40N:16:71E,h28km,1km,ML3.6/12,
Error ellipse: s-maj=0.9km s-min=0.2km az=0.0
ROM 26 02:19:37.3:0.1,39:373N:0:004,-16:731E,0:006,
h30km,ML3.5/132, Error ellipse: s-maj=0.5km s-min=0.3km
az=16.0
LDG 26 02:19:37.0,39:39N:-16:74E,h32km
IDC 26 02:19:39.5:2.0,39:45N:17:07E,h70km,31km,mb3.0/5,
mbtmp3.4/10,ML3.0/4, Error ellipse: s-maj=22.6km
s-min=15.8km az=57.0
THE 26 02:19:42.1,39:15N:17:04E,h80km,28km,ML3.3/5, Error
ellipse: s-maj=28.6km s-min=3.2km az=80.0
ISC 26 02:19:37.4:0.7,39:41N:0:003,-16:78E:0:03,h31km,5km,
n157,r170/185,mb3.1/3,14C-6D,Southern Italy

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIP, SP2S2, SERS, TDS, CAR1, SALB, CET2, GRI, ORI, MMN, GRIS, CUC, PLAC, JOPP, VGG3, MTSN, TAR1, MCEL, MGR, LTRZ.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LTRZ, MIGL, MATE, PTPR, BULG, MELA, RAFF, TSLSK, LK2D, EVGI, NYDR, HCY, BUIB, DRME, LSTV, TREB, OHR, STON, KPRO, BRY, NKME, HVAR, PVO, MAK, PVY, KOME, THL, RIC, ANX, UPM, EFP, MAKR, IVA, ZIRJ, AGG, PLE, KLV, MORI, SJES, AXAR, ITM, RUDY, SRKY, STIP, DUGI, BBLs, BBLs, HAPS, HAPS, MGRS, WIRC, PRVS, A050A, BARS, VILL, DIVS, DIVS, NVLJ, BLY, GRUS, TRUS, TRUS, TEKS, TEKS, PLIT, RABC, VLI, A051A, BOVS, ATH, VLY, BRJN, SMRN.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AVAS, ZAGS, FRGS, FRUSKA, KUBS, BOJAS, BOJAS, OZLJ, OZLJ, CEY, PGF, PGF, KALN, LOBO, KEST, OBKA, OBKA, SOKA, MYKA, IDI, ARSA, ABTA, SBF, SBF, RONA, CONA, LESA, BIOA, MOA, LMR, WTTA, WATA, FETA, SQT, DAVOX, MOTA, RETA, DAVA, LPG, GERES, GERES, GERES, ORIF, CHAMP, HAU, SAU, MMAI, EKA, HFS, NOA, FINES, TORD, NEIC, CATA, MEX, IDC, GCG, ISC, Code, Station Name, Frequency, Power, and other technical details.

Table with columns for station name, coordinates, and various data points. Includes stations like CCIG Comitan, SNET Serv Nac Est T, LOMA Loma Larga, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like SSPA Standing Stone, PDAR Pinedale Array, REDW Red Top Meadow, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like JOM Ohasama, JAH Hinai, JOT Oshata, etc.

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Table with columns: ID, Name, Hy, Az, El, P, T, S, L, R, and other parameters. Rows include H11N3 WAKE ISLAND Hy 35.57 277, H11N2 WAKE ISLAND Hy 35.58 277, H11N1 WAKE ISLAND Hy 35.58 277, ARVC Arvin, DECC Green Verdugo, H11S2 WAKE ISLAND Hy 35.91 275, H11S1 WAKE ISLAND Hy 35.91 275, H11S3 WAKE ISLAND Hy 35.92 275, ISA Isabella, Lake, EDW2 Edwards Air Fo, 109C Camp Elliot, M, MURC Murrieta, CWC Cottonwood Cre, PAHR Pah Rah Rang, MPMC Manzanita Prospec, SII Sitkinak Islan, MONP2 Monument Peak, NVAR Mina Array Bea, NVAR, PPT Papeete, PPT2 Papeete2, PPT2, PPT2, PPT2, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats, IKP In-Ko-Pah, Jac, GSC Goldstone, Bar, GRAC Grapevine Rang, HEC Hector Ludlow, FURC Furnace Creek, SWSC Sam W. Stewart, BELC Belle Mtn. Jos, OHAK Old Harbor, SHOC Shoshone, Teco, R18K Karluk, BC3 Big Chukcawall, TUQ Turquoise Moun, GMRC Granite Mounta, TPNV Topopah Spring, KDAK Kodiak Island, KDAK Kodiak Island, IRM Iron Mountain, GLA Glamis, Q17K Contact Creek, BBB Bella Bella, NEE2 Needles Airpor, R11B Troy Canyon, Q20K Shuyak Island, PDMCI Parker Dam, Lak, Q19K Cape Douglas, CRAC Craig, P17K Kvichak River, O15K Ungalikthiuk R, P18K Big Mountain, O14K Tigyuakuiwet M, 214A Organ Pipe Nat, V35K Ketchikan, O16K Kokwok River B, ELK Elko, P19K Oil Pt, U33K Whale Pass, O17K Koliganek Bris, O18K Koktuh Hills, SIT Sitka, BRSE Bradley Lake S, Q23K Middleton Isla, O20K Slope Mountain, RAR Rarotonga, N14K Kuskokwak Cree, WRAK Wrangell Islan, N15K Kwethluk River, SEW Seward, SHEM Shemya Is, A20K Montague Islan, P23K Pelican, S31K Pelican, S32K Killisnoo, N16K Nishihik Lake, N17K Nushagak Hills, KAIM Kayak Island, N18K Kilae Creek, M13K Dall Lake

Table with columns: ID, Name, Az, El, P, T, S, L, R, and other parameters. Rows include N19K Bonanza Creek, N19K Bonanza Creek, M15K Kasigluk River, M14K Bethel, M16K Tim Creek, EYAK Cordova Ski Ar, M11K Melkovy, R32K Eaglecrest, HLID Halley, WUAZ Wupatki, TUC Tucson, DUG Dugway, Tooele, N20K Mount Spurr, SPCR Spur Chakacha, PNL Peninsula, RCI Rabbit Creek A, GL01 Glacier Island, T35M Bob Quinn, M17K Holitna River, M18K Stony River, PINM Pinnacle, P29M Windy Craggy, SUA Susitna One, SUA Susitna One, NEW Newport, NEW Newport, CRQE Cirque, BMRM Bremer River, L14K Kuka Creek, KNK Knik Glacier, PLBC Pleasant Camp, SLBS Sierra La Lagu, S34M Telegraph Cree, L16K Owhat River, PMR Palmer, L15K Ungalak Mounta, M19K Big River Lodg, M20K Styx River, H17K Klitina, O28M Mount Kennedy, SKT Skutumpah, SML Sawmill, CTG China Glacier, M23K Glacier View, O28M Mount Upton, P30M Million Dollar, L19K White Mountain, L17K Donlin, SCM Sheep Creek Mo, L18K Granite Mounta, MCARA McCarthy VSAT, N25K Chitina, Valde, Q32M Nakina River, TBI Tubuai, TBI, TBI, K13K Kusivlak Mount, P32M Atlin, L20K Farewell, AK, W18A Petrified Fore, K15K White Fore Mou, DLBC Dease Lake, DLBC Dease Lake, M24K Tolsona, Glenn, YUK6 Outpost Mounta, YUK8 Steele Glacier, HYT Haines Junctio, K17K Iditarod, MSO Missoula, WAT6 Susitna Watana, PPLA Purkeypile, YUK4 Talbot Arm, O30N Mendenhall, HARP HAARP, YUK3 Moose Creek, R33M Jennings River, WAT1 Susitna Watana, J14K Navarosanak Lak, WHY Whittierak, M26K Nabesna, AK, P33M Teslin, Yukon, M27K Edge Creek, AK, N30M Aishihik Lake

Table with columns: ID, Name, Az, El, P, T, S, L, R, and other parameters. Rows include K20K Telida, DHY Denali Highway, J16K Anvik River, J17K VABM Dome, CAST Castle Rocks, J18K Innoko River, PAX Paxson, N31M Braeburn, Yulko, 121A Cookes Peak, D, MVCO Mesa Verde, BOZ Bozeman (W), CHUM Lake Minchumin, MCK McKinley, N32M Quiet Lake, J19K Poorman, M29M Some Creek, L27K Beaver Creek, I17K Unalakleet, J20K Nowinta River, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., K24K Donnelly Dome, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR, M30M Minto, Yukon, M31M Drury Creek, Y, O20A White River Ci, SCRK Sand Creek, L29M L29M, GCSA Galena City Sc, HDA Harding Lake, NEA2 Nenana, NEA2 Nenana, I20K Naaghedeneel, H16K Elim, CCB Clear Creek Bu, H17K Granite Mounta, ANM Nome, J25K Salcha River, J25K Salcha River, IL31, ILAR, ILAR, ILAR, ANMO Albuquerque, ANMO Albuquerque, MLY Manley, MLY Manley, COLA College, GAMB Gambell, J26L Joseph Creek, J26L Joseph Creek, H18K Honhusa Dome, MDM Murphy Dome, MDM, S22A 4UR Ranch, Cre, I21K Tanana, RLMT Red Lodge, I23K Minto, Yukon-K, DAWY Dawson, DAWY Dawson, G15K Niukluk, POKR Poker Plat Res, K29M Barlow Dome, H20K Anotleneega Mo, H19K Roundabout Mou, G16K Koyuk River, G17K Kivalik Mounta, H21K Melozitna Rive, EGAK Eagle, EGAK Eagle, MNTX Cornudas Mount, G18K Tagagawik, H22K Ishlathina Cre, PRP Porcupine Dome, PRP Porcupine Dome, H23K Yukon River, H23K Yukon River, I26K Coal Creek Min, I26K Coal Creek Min, F14K Arctic Creek, H24K Noodor Dome, H24K Noodor Dome, F15K North Star Dit, G19K Purcell Mounta

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Serra de San D, Extrema, Pontes e Lacer, etc.

ISN 26 03:56:04.9.0.3, 34.45N, 61E, h14km, 21km, ML2.4
TEH 26 03:56:05.3, 34.45N, 63E, h14km, 21km, ML2.5
ISC 26 03:56:05.3.1.1, 34.44N, 0.04, 45.60E, 0.04, h19km, 4km, n12, c066/17, Iran-Iraq border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Ghasr-e-Shirin, Gilan-e-Gharb, Dehrash, etc.

DJA 26 04:12:39.4.1.3, 4.1N, 14.2E, h10km, M4.2/6, mb4.3/2, ML4.2/6, Celebes Sea

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Sangihe, Gorontalo, Luwuk, etc.

NEIC 26 04:17:34.6.1.8, 34.43N, 0.02, 96.26W, 0.05, h5km, 2km, Error ellipse: s-maj=7.5km s-min=3.2km az=73.0
TUL 26 04:17:35.5.2.1, 34.41N, 0.02, 96.24W, 0.04, h2km, 3km, ML2.4, mb_Lg2.6/63(NEIC), ML2.7/14(NEIC), Okhlorah ellipse: s-maj=4.5km s-min=2.2km az=90.0, Oklahoma

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Clayton, Love County, Tecumseh, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Franklin, Smith Ranch, X34A, etc.

ISC 26 04:28:43.4.1.1, 59.50S, 29.89W, h0km, mb4.2/6, mbmp4.1/7, ML3.5/1, MS3.7/13, Error ellipse: s-maj=41.3km s-min=22.2km az=97.0
NEIC 26 04:28:44.8.1.9, 59.48S, 0.10, 29.7W, 0.3, h10km, 1km, mb4.8/14, Error ellipse: s-maj=23.1km s-min=14.5km az=246.0

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Paris, Tabor, Sanderson, etc.

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Hope Point, Neumayer-Stat, Neumayer Oym, etc.

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

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

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like East Falkland, East Falkland, Troll, etc.

ISC 26 04:28:46.0.5.5, 59.53S, 0.08, 29.7W, 0.1, h18km, n45, c131/28, mb4.5/10, MS3.7/11, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like South Pole Qui, QSPA, MAW, etc.

ISC 26 04:32:07.3.0.4, 30.38S, 71.58W, h0km, mb4.7/15, mbmp4.6/20, ML4.4/5, MS4.0/17, Error ellipse: s-maj=18.1km s-min=12.4km az=95.0
SJA 26 04:32:07.0.0.8, 30.32S, 71.88W, h6km, 2km, ML4.9, MW4.3
VAO 26 04:32:08.7.0.5, 30.45S, 71.62W, h10km, mb4.8
GUC 26 04:32:11.8.0.8, 30.38S, 71.69W, h38km, 2km, ML4.8
NEIC 26 04:32:12.6.30.39S, 71.60W, h30km
MOS 26 04:32:12.4.1.7, 30.30S, 71.60W, h33km, mb5.0/13, Error ellipse: s-maj=12.5km s-min=7.4km az=91.2
NEIC 26 04:32:12.4.1.4, 30.37S, 0.04, 71.66W, 0.06, h30km, 4km, mb5.0/126, Mw4.7/68, Mw4.7(7UC), Error ellipse: s-maj=7.3km s-min=4.8km az=109.0, Moment Tensor Solution. Moment tensor: Scale 10^19N; Mrr:0.92; Mss:0.04; Mss:0.86; Mss:0.26; Mss:0.10; Mss:0.73; Fault plane solution: M1: 19000x10^19 Np1: 165.30000, 665.46000, 1.83.78000; NP2: 0.01000, 825.27000, 1.103.35000; Principal axes: T: 1.2203, Plg69.0000, Azm63.0000; N: -0.0643, Plg6.0000, Azm168.0000; P: -1.1560, Plg20.0000, Azm260.0000

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Fray Jorge, Fray Jorge, La Serena, etc.

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

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

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

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

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

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

ISC 26 04:32:08.4.1.3, 30.38S, 0.02, 71.72W, 0.04, h7km, 7km, n32.1, c124/300, mb5.1/78, MS4.1/14, 20C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Mbarara, Malin Array B, Malin Array S, Keskis Array B, etc.

SSNC 26 04:37:50.1±1.2, 18°58'N, 71°59'W, h61km, 9km, MD3.2, ML2.8, MW2.7

OSPL 26 04:37:52.6±1.5, 18°96'N, 71°81'W, h9km, 10km, ML2.4

ISC 26 04:37:52.1±1.4, 18°80'N, 07°17.3'W, h35km, n11, 0585/17, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Presa de Saban, Port-au-Prince, etc.

comp=E, 12nm, 1.6s

NEIC 26 04:54:52.7±1.6, 5°6'S, 0°1'±154.5E, 0°1', h134km, 7km, mb4.4/35, Error ellipse: s-maj=17.9km s-min=-15.5km az=49.0

DC 26 04:54:53.5±3.8, 5°6'S: 154.46E, h146km, 32km, mb3.8/8, mbmp4.4/10, MS3.2/4, Error ellipse: s-maj=23.0km s-min=19.1km az=66.0

ISC 26 04:54:50.0±0.6, 5°62'S, 0°09.154°57'E, 0°08, h118km, n70, 1502/67, mb4.3/24, Bougainville-Solomon Islands region

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

JMA 26 04:55:56.3±0.1, 38°6'N, 0°2:141°9E, 0°6, h47km, MV3.4/37, KINAZAN REGION

ISC 26 04:55:54.3±2.9, 38°64'N, 0°05:142°1E, 0°2, h30km, 12km, n20, 1522/20, mb3.6/3, 13D, Near east coast of eastern Honshu

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

JMA 26 05:00:01.6±0.2, 24°N, 1°12'2E, h40km, 3km, MV3.2/14, TAIWAN REGION

TAP 26 05:00:02.1, 23°57'N, 121°55'E, h31km, ML3.5, B ASIES 26 05:00:02.1, 23°57'N, 121°55'E, h31km, ML3.5, Mw3.2

Moment Tensor Solution. Moment tensor: Scale 10^20Nm; Mw=3.81; Mww=0.35; Mww-4.18; Mm=5.52; Mm-3.69; Mm-2.16; Fault plane solution: Mb:0.8427x1020 NP1: 0.239, 65000°, 873, 33000°, 118, 88000°. NP2: 0.357, 12000°, 832, 98000°, 131, 79000°. Principal axes: T Plg52.7440°, Azm183.9910°, N Plg27.5610°, Azm50.6610°, P Plg22.9790°, Azm307.8750°

ISC 26 05:00:02.1±0.9, 23°56'N, 0°02:121°57'E, 0°02, h31km, 5km, n144, 00972/195, 7C-37D, Taiwan

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

Table with columns: WHF, WHF, WHYTY, SMLT, TYC, TYC, FUSS, FUSS, DPDB, LONT, TWT, TWT, WCS, TDCB, TDCB, WJS, STYH, STYH, STYT, TWGBT, TWGBT, TWG, WNT, ENA, NNSB, NNSB, EOS4, LDUT, TTN, WCKO, WCKO, NNS, TPUB, TPUB, EWUT, WHP, CHN4, CHN4, WTP, WWF, WGG, WDLH, LATG, WYL, EOS3, EOS3, CHN2, CHN2, TCU, SLGT, SGST, SGST, CHN1, CHN1, TWK, TWK, SNST, SNST, EOS2, EOS2, TWQ1, TWQ1, ENTT, TWC, TWC, NDS, ECL, YHNB, YHNB, NSY, NSK, NSK, WRL, NFF, RLNB, RLNB, WDJ, WDJ, SSD, NSST, LIQB, SCST

Table with columns: FUSB, ICHU, NMLH, NWLT, SHHT, CHN8, CHN8, MASBT, TWMT, EGS, EAST, TATO, TSCK, TIPB, SCZT, LIAY, WFSB, JYNG, LYUB, SX11, YMO1, YNOU, YOJ, YOJ, YOJ, YMO8, TWK1, TWK1, WDG1, WDG1, PHUB, PHUB, PNG, PNG, VCHM, VCHM, HATJ, IRIF, IRIF, JKRS, JKRS, VVUC, JJJ, PTMZ, JISG, MATB, MATB, KNM, KNM, KNMB, JTJ, LYJ, LYJ, MHZO, ZPLA, SXFK

Table with columns: H11S2, H11N1, H11N2, H11N3, WB0, WRAB, WB2, WRA, WRA, SHEM, FITZ, ASAR, FORF, ZALV, MK31, MKAR, MKAR, C19K, C19K, KURK, KURK, KURB, CAST, CAST, O22K, BPAW, BPAW, MDM, ILAR, BMAP, BVAR, ARCES, NVAR, FINES, LPAZ

Table with columns: IDC 26 05:13:23.3±1.1, 5.88N:125.87E, h0km, mb3.6/4, mbtmp3.6/4, MS3.1/2, Error ellipse: s-maj=127.8km s-min=15.7km az=73.0, Mindanao

Table with columns: IDC 26 05:40:33.0±3.6, 54.19N:87.37E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=31.8km s-min=19.8km az=49.0, Southwestern Siberia

Table with columns: IDC 26 05:43:29.6±0.5, 15.59S:172.90W, h0km, mb4.5/17, mbtmp4.5/18, ML3.2/1, MS3.8/31, Error ellipse: s-maj=20.2km s-min=14.6km az=133.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Ouen Island, N, DZM, DZM, DZM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TPFO, CHGN, CHGN, CHGN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like N17K, KNB, KNB, PSUT, etc.

26d 5h

VHRN	Van Horn	79.71	54	I	Amb	I	Amb	05 55 42.3
SCM	Sheep Creek Mo	79.73	12	I	Amb	I	Amb	05 55 39.8
SCM	Sheep Creek Mo	79.73	12	P		P		05 55 39.5 +0.4
ISLE	Juniper Island	79.73	15	I	Amb	I	Amb	05 55 40.7
I17K	Unalakleet	79.75	5	P		P		05 55 39.8 +0.7
H18K	Innok River	79.76	7	I	Amb	I	Amb	05 55 41.3
J18K	Innok River	79.76	7	P		P		05 55 39.6 +0.4
MNTX	Cornudas Mount	79.79	53	P		P		05 55 39.7 -0.4
PINM	Pinnacle	79.83	16	P		P		05 55 40.3 +0.6
PPLA	Purkypile	79.85	9	P		P		05 55 38.5 -1.3
MVCO	Mesa Verde	79.97	47	P		P		05 55 40.3 -1.0
GRNC	Granite Creek	79.99	15	I	Amb	I	Amb	05 55 42.2
R32K	Eaglecrest	79.99	19	P		P		05 55 39.6 -0.9
K20K	Telida	80.00	8	P		P		05 55 40.9 +0.4
K20K	Telida	80.00	8	P		P		05 55 40.8 +0.2
VRDI	Verde Repeater	80.02	14	P		P		05 55 40.8 -0.1
VRDI	Verde Repeater	80.02	14	I	Amb	I	Amb	05 55 42.3
BSUT	Blindstream Ca	80.05	43	P		P		05 55 41.4 -0.3
ANM	Nome	80.09	3	P		P		05 55 41.6 +0.7
N25K	Chitina, Valde	80.09	13	I	Amb	I	Amb	05 55 42.5
N25K	Chitina, Valde	80.09	13	P		P		05 55 41.8 +0.6
P29M	Windy Craggy	80.12	17	I	Amb	I	Amb	05 55 43.2
P29M	Windy Craggy	80.12	17	P		P		05 55 41.6 +0.4
GLB	Gilahina Butte	80.12	14	P		P		05 55 41.3 0.0
GLB	Gilahina Butte	80.12	14	I	Amb	I	Amb	05 55 42.7
TX31	Lajitas Ar. Si	80.15	56	I	Amb	I	Amb	05 55 44.9
TXAR	Lajitas Array	80.15	56	P		P		05 55 42.7 +0.5
TXAR	Lajitas Array	80.15	56	P		P		05 55 43.5 +1.4
TXAR	Lajitas Array	80.15	56	LR		LR		06 22 35.9
M24K	Tolsona, Glenn	80.21	12	I	Amb	I	Amb	05 55 43.6
M24K	Tolsona, Glenn	80.21	12	P		P		05 55 42.4 +0.7
MCARA	McCarthy VSAT	80.25	14	P		P		05 55 42.3 +0.4
LOGN	Logan Glacier	80.26	15	I	Amb	I	Amb	05 55 43.6
CTG	Chitina Glacier	80.30	15	P		P		05 55 42.2 -0.1
CTGM	Chitina Glacie	80.30	15	I	Amb	I	Amb	05 55 43.8
WAT6	Susitna Watana	80.33	11	P		P		05 55 42.1 -0.3
CAST	Castle Rocks	80.36	9	P		P		05 55 42.9 +0.4
H16K	Elim	80.36	5	P		P		05 55 43.4 +1.0
PLBC	Pleasant Camp	80.38	18	P		P		05 55 42.8 +0.2
ANMO	Albuquerque	80.40	50	P		P		05 55 44.1 +0.6
ANMO	Albuquerque	80.40	50	P		P		05 55 43.3 -0.2
ANMO	Albuquerque	80.40	50	LR		LR		06 24 13.2
WAT1	Susitna Watana	80.41	11	P		P		05 55 43.6 +0.8
J19K	Pooman	80.41	8	P		P		05 55 43.0 +0.4
O28M	Mount Upton	80.42	16	P		P		05 55 43.0 -0.1
T35M	Bob Quinn	80.44	22	P		P		05 55 43.2 +0.2
O29M	Mount Kennedy	80.45	16	I	Amb	I	Amb	05 55 45.1
O29M	Mount Kennedy	80.45	16	P		P		05 55 43.3 +0.1
NEW	Newport	80.47	34	P		P		05 55 43.2 -0.2
NEW	Newport	80.47	34	LR		LR		06 23 31.0
G15K	Niukuk	80.59	4	P		P		05 55 44.0 +0.4
ALPN	Alpine	80.59	55	I	Amb	I	Amb	05 55 46.9
KTH	Kantishna Hill	80.67	10	I	Amb	I	Amb	05 55 45.5
HARP	HAARP	80.68	13	P		P		05 55 44.6 +0.4
P30M	Million Dollar	80.75	17	P		P		05 55 44.4 -0.3
CHUM	Lake Minchumin	80.76	9	P		P		05 55 43.6 -0.9
J20K	Nowinta River	80.78	8	I	Amb	I	Amb	05 55 46.4
J20K	Nowinta River	80.78	8	P		P		05 55 45.0 +0.4
NJ2	Nanjing	80.81	307	eP		eP		05 55 46.5 +1.0
S34M	Telegraph Cree	80.84	21	P		P		05 55 45.2 +0.1
S34M	Telegraph Cree	80.84	21	I	Amb	I	Amb	05 55 47.2
S34M	Telegraph Cree	80.84	21	P		P		05 55 44.8 -0.3
DHY	Denali Highway	80.85	11	P		P		05 55 45.2 0.0
H17K	Granite Mounta	80.85	5	P		P		05 55 45.1 +0.1
RDMU	Red Mountain	80.85	43	P		P		05 55 46.1 +0.2
R14K	Reindeer	80.88	11	I	Amb	I	Amb	05 55 46.6
F14K	Arctic Creek	80.95	3	P		P		05 55 46.3 +0.8
AHID	Auburn Hatcher	80.96	41	I	Amb	I	Amb	05 55 48.3
YUK8	Steele Glacier	80.97	15	P		P		05 55 45.3 -0.7
TNA	Tin City	80.97	2	P		P		05 55 46.4 +0.8
YUK6	Outpost Mounta	81.05	16	P		P		05 55 46.5 +0.1
G16K	Koyuk River	81.10	4	P		P		05 55 46.2 -0.1
PAX	Paxson	81.13	12	P		P		05 55 46.1 -0.5
M26K	Nabesna, AK	81.16	14	I	Amb	I	Amb	05 55 48.3
M26K	Nabesna, AK	81.16	14	P		P		05 55 46.2 -0.5
BPAW	Bear Paw Mtn.	81.17	9	P		P		05 55 46.1 -0.6
MCK	McKinley	81.17	10	P		P		05 55 47.0 +0.2
HYT	Haines Junctio	81.18	17	I	Amb	I	Amb	05 55 49.1
HYT	Haines Junctio	81.18	17	P		P		05 55 47.1 +0.1
YUK3	Moose Creek	81.21	15	P		P		05 55 46.9 -0.4
H18K	Honhosa River	81.22	6	P		P		05 55 47.0 0.0
Q32M	Nakina River	81.26	20	I	Amb	I	Amb	05 55 49.5
Q32M	Nakina River	81.26	20	P		P		05 55 47.1 -0.5
F15K	North Star Dit	81.27	3	P		P		05 55 47.5 +0.3
P32M	Atlin	81.29	19	P		P		05 55 47.0 -0.5
YUK4	Talbot Arm	81.31	16	P		P		05 55 48.6 +0.8
I20K	Naaghedeneel	81.32	8	I	Amb	I	Amb	05 55 50.1

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I20K	Naaghedeneel	81.32	8	P		P		05 55 48.1 +0.6
G17K	Kiwalik Mounta	81.34	5	P		P		05 55 48.1 +0.5
M27K	Edge Creek, AK	81.37	14	I	Amb	I	Amb	05 55 50.1
M27K	Edge Creek, AK	81.37	14	P		P		05 55 48.1 0.0
S22A	4UR Ranch, Cre	81.39	47	I	Amb	I	Amb	05 55 51.8
S22A	4UR Ranch, Cre	81.39	47	P		P		05 55 48.2 -0.7
MSO	Missoula	81.42	36	I	Amb	I	Amb	05 55 50.0
MSO	Missoula	81.42	36	P		P		05 55 48.0 -0.6
TPAW	Teton Pass	81.43	40	P		P		05 55 49.5 +0.5
TPAW	Teton Pass	81.43	40	I	Amb	I	Amb	05 55 51.2
FXWY	Fox Creek	81.46	40	I	Amb	I	Amb	05 55 51.5
BNX	BinXian	81.48	322	IP		IP		05 55 49.3 +0.5
B2W	Browne	81.48	10	P		P		05 55 49.2 +0.8
O20A	White River Ci	81.53	44	I	Amb	I	Amb	05 55 51.7
O20A	White River Ci	81.53	44	P		P		05 55 49.8 +0.3
O30N	Mendenhall	81.53	17	P		P		05 55 49.7 +0.9
SNOW	Snow King Moun	81.54	41	P		P		05 55 49.5 0.0
SNOW	Snow King Moun	81.54	41	I	Amb	I	Amb	05 55 51.7
DLBC	Dease Lake	81.62	21	P		P		05 55 49.6 +0.3
L26K	Log Cabin Wild	81.63	13	I	Amb	I	Amb	05 55 51.0
L26K	Log Cabin Wild	81.63	13	P		P		05 55 50.2 +1.0
SAND	Sanderson	81.63	56	I	Amb	I	Amb	05 55 51.9
IMW	Indian Meadow	81.64	40	I	Amb	I	Amb	05 55 51.9
MNHK	Monahans	81.68	54	I	Amb	I	Amb	05 55 52.0
H19K	Roundabout Moun	81.79	7	I	Amb	I	Amb	05 55 52.1
H19K	Roundabout Moun	81.79	7	P		P		05 55 51.4 +1.5
WHY	Whitehorse	81.79	18	P		P		05 55 50.9 +0.7
WHY	Whitehorse	81.79	18	P		P		05 55 51.1 +0.9
K24K	Donnelly Dome	81.82	12	P		P		05 55 51.1 +0.9
N30M	Aishikik Lake	81.82	16	P		P		05 55 51.1 +0.8
N30M	Aishikik Lake	81.82	16	P		P		05 55 51.1 +0.8
FLWY	Flagg Ranch	81.89	40	I	Amb	I	Amb	05 55 53.9
G18K	Tagagawik	81.91	6	P		P		05 55 50.9 +0.2
H20K	Anotleneega Mo	81.94	7	P		P		05 55 51.6 +0.8
NEA2	Nenana	81.94	10	I	Amb	I	Amb	05 55 52.3
NEA2	Nenana	81.94	10	P		P		05 55 50.5 -0.3
BW06	Bowler Array	81.94	42	P		P		05 55 51.3 -0.3
PDAR	Pinedale Array	81.94	42	P		P		05 55 52.0 +0.4
PDAR	Pinedale Array	81.94	42	LR		LR		06 25 53.3
SMCO	Snowmass	81.95	46	I	Amb	I	Amb	05 55 54.3
L27K	Beaver Creek, A	82.00	14	P		P		05 55 52.0 +0.8
BCAR	Beaver Creek A	82.01	14	P		P		05 55 50.7 -0.6
R33M	Jennings River	82.02	20	P		P		05 55 52.0 +0.5
I21K	Tanana	82.03	9	P		P		05 55 51.2 0.0
P33M	Teslin, Yukon	82.06	19	P		P		05 55 50.7 -0.9
MLY	Murray	82.08	9	P		P		05 55 50.9 -0.7
BOZ	Bozeman (W)	82.11	38	I	Amb	I	Amb	05 55 55.4
BOZ	Bozeman (W)	82.11	38	P		P		05 55 52.5 +0.2
H17A	Grant Village	82.12	40	I	Amb	I	Amb	05 55 55.5
H17A	Grant Village	82.12	40	P		P		05 55 53.9 +1.4
HDA	Harding Lake	82.14	11	I	Amb	I	Amb	05 55 53.0
HDA	Harding Lake	82.14	11	P		P		05 55 52.2 +0.3
ODSA	Odessa	82.16	54	I	Amb	I	Amb	05 55 54.7
N31M	Braeburn, Yuko	82.20	17	I	Amb	I	Amb	05 55 54.2
N31M	Braeburn, Yuko	82.20	17	P		P		05 55 52.9 +0.7
CCB	Clear Creek Bu	82.21	11	P		P		05 55 51.9 -0.3
F17K								

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like F26K, TOLK, TOLK, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like OXF, VNA1, ULM, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like JNN, JZK, Kikaishima, etc.

BUJ 26 05:58:35.20, 0.28', 87N; 130.79E, h10km, mb4.7/65, mB4.7/26, Ms4.4/62, Ms7.4/3/60
MOS 26 05:58:38.3, 1.1, 29.20N; 130.45E, h12km, mb5.7/15, MS4.4/4, Error ellipse: s-maj=9.6km s-min=5.9km az=111.9
NEIC 26 05:58:40.4, 1.7, 29.16N; 0.06: 130.49E; 0.08, h10km, mb4.8/114, Error ellipse: s-maj=12.1km s-min=9.6km az=109.0
JMA 26 05:58:43.5, 0.1, 29.2N; 0.4: 130.5E; 0.9, h62km, km, Mtd1.5/30, MW4.6/30, NEAR AMAMI-OSHIMA ISLAND
JMA Felt J1 at NEAR AMAMI-OSHIMA ISLAND
NIED 26 05:58:43.5, 29.22N; 130.46E, h62km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mm: 6.42; Mm: -1.30; Mm: 5.12; Mm: 3.00; Mm: -3.72; Mm: 4.67; Fault plane solution: Mo: 8.860000 x 10^15 NP1: 32.00000, 364.00000, 191.00000. NP2: 210.00000, 326.00000, 7.88.00000
IDC 26 05:58:44.7, 1.3, 29.27N; 130.35E, h46km, mb4.2/26, mbtmp4.4/30, ML4.0/4, MS4.0/42, Error ellipse: s-maj=16.0km s-min=7.9km az=109.0
ISC 26 05:58:40.1, 0.6, 29.16N; 0.03: 130.56E; 0.04, h13km, km, ns36.1/945/502, mb4.8/125, MS4.1/53, 4C-3D, Ryukyu Islands

AKTO	Aktuyubinsk	57.28 314	LR	LR	06 35 05.8
O18K	Koktuh Hills	57.42 35	P	P	06 08 28.7 +0.6
CHIR	Chirikof Isian	57.47 40	P	P	06 08 29.1 +0.6
H20K	Anotleneega Mo	57.47 28	P	P	06 08 28.3 -0.2
L19K	White Mountain	57.51 32	P	P	06 08 29.8 +1.0
C21K	Knifeblade Rid	57.62 24	P	P	06 08 30.0 +0.6
I20K	Naaghedeneel	57.64 29	P	P	06 08 30.6 +1.0
A22K	Sinclair Lake	57.67 22	P	P	06 08 31.0 +1.3
B21K	Ikpikpuk River	57.71 24	IAMB	IAMB	06 08 46.0
B21K	Ikpikpuk River	57.71 24	P	P	06 08 30.3 +0.4
M19K	Big River Lodg	57.73 33	P	P	06 08 30.6 +0.3
N19K	Bonanza Creek	57.74 34	P	P	06 08 30.6 +0.1
J20K	Nowinta River	57.79 30	P	P	06 08 32.1 +1.5
J20K	Nowinta River	57.79 30	IAMB	IAMB	06 08 44.5
J20K	Nowinta River	57.79 30	P	P	06 08 30.8 +0.2
K20K	Telida	57.84 31	P	P	06 08 32.2 +1.2
K20K	Telida	57.84 31	IAMB	IAMB	06 08 46.5
K20K	Telida	57.84 31	P	P	06 08 31.6 +0.6
E21K	Killik River	57.89 25	P	P	06 08 32.0 +0.6
L20K	Farewell, AK	57.95 32	P	P	06 08 32.2 +0.3
R18K	Karluk	57.97 38	P	P	06 08 32.2 +0.3
G21K	Allakaket	58.04 27	IAMB	IAMB	06 08 45.1
G21K	Allakaket	58.04 27	P	P	06 08 32.8 +0.4
F21K	Alatina River	58.05 26	P	P	06 08 33.0 +0.5
B22K	Teshekpuk Lake	58.15 23	P	P	06 08 33.4 +0.4
SII	Sitkinak Isian	58.20 39	P	P	06 08 34.1 +0.4
M20K	Styx River	58.33 33	P	P	06 08 34.6 0.0
H21K	Melozitna River	58.33 28	IAMB	IAMB	06 08 51.0
H21K	Melozitna River	58.33 28	P	P	06 08 35.1 +0.6
D22K	Ayikyak River	58.37 24	P	P	06 08 35.1 +0.4
P19K	Oil Pt	58.43 35	P	P	06 08 36.0 +0.8
CHUM	Lake Minchumin	58.60 30	P	P	06 08 37.3 +1.0
OHAK	Old Harbor	58.62 38	P	P	06 08 37.3 +0.7
E22K	Anaktuvuk Pass	58.69 25	IAMB	IAMB	06 08 39.4
E22K	Anaktuvuk Pass	58.69 25	P	P	06 08 38.0 +1.1
I21K	Tanana	58.69 29	IAMB	IAMB	06 08 50.2
I21K	Tanana	58.69 29	P	P	06 08 37.7 +0.8
PPLA	Purkeyville	58.71 32	P	P	06 08 37.7 +0.4
CAST	Castle Rocks	58.73 31	P	P	06 08 38.5 +1.2
CAST	Castle Rocks	58.73 31	IAMB	IAMB	06 08 58.8
CAST	Castle Rocks	58.73 31	P	P	06 08 38.1 +0.8
N20K	Mount Spurr	58.82 34	P	P	06 08 39.2 +1.2
G22K	Bettles	58.83 27	P	P	06 08 38.5 +0.7
H22K	Ishlitalitna Cre	58.92 28	P	P	06 08 39.3 +0.8
KDAK	Kodiak Island	58.94 38	P	P	06 08 39.0 +0.3
Q20K	Shuyak Island	58.96 37	P	P	06 08 39.9 +1.1
SKT	Skwentna	59.08 33	P	P	06 08 40.3 +0.6
D23K	Nanushuk River	59.09 24	P	P	06 08 40.3 +0.7
C23K	Ikilik River	59.10 23	P	P	06 08 40.8 +1.0
BPAW	Bear Paw Mtn.	59.18 30	P	P	06 08 41.3 +0.9
MLY	Manley	59.23 29	P	P	06 08 42.1 +1.4
MLY	Manley	59.23 29	IAMB	IAMB	06 08 54.3
MLY	Manley	59.23 29	P	P	06 08 41.6 +0.9
HOM	Homer	59.24 35	P	P	06 08 41.3 +0.6
KTH	Kamtishna Hill	59.24 31	IAMB	IAMB	06 09 03.9
COLD	Coldfoot	59.33 26	P	P	06 08 42.2 +0.9
G23K	Bananza Creek	59.42 27	IAMB	IAMB	06 08 57.8
G23K	Bananza Creek	59.42 27	P	P	06 08 42.5 +0.5
SUA	Susitna One	59.50 33	P	P	06 08 43.1 +0.3
TOLK	Toolik Lake Re	59.51 25	P	P	06 08 43.0 +0.4
E23K	Chandalar	59.52 25	P	P	06 08 43.6 +0.9
GEYT	Alibek	59.64 299	P	P	06 08 43.2 -0.8
GEYT	Alibek	59.64 299	LR	LR	06 08 55.0
H23K	Yukon River	59.67 28	P	P	06 08 44.9 +1.2
BRSE	Bradley Lake S	59.68 35	P	P	06 08 44.4 +0.5
D24K	Happy Valley	59.76 24	P	P	06 08 45.5 +1.2
C24K	Franklin Bluff	59.77 23	P	P	06 08 44.8 +0.5
I23K	Minto, Yukon-K	59.80 29	P	P	06 08 44.9 +0.3
E24K	Your Creek	59.94 25	IAMB	IAMB	06 09 01.5
E24K	Your Creek	59.94 25	P	P	06 08 46.0 +0.4
NEA2	Nenana	59.97 29	IAMB	IAMB	06 08 59.0
NEA2	Nenana	59.97 29	P	P	06 08 46.7 +0.9
RC01	Rabbit Creek A	60.02 34	P	P	06 08 46.9 +0.7
O22K	Cooper Landing	60.10 34	P	P	06 08 47.8 +1.1
MCK	McKinley	60.11 30	P	P	06 08 47.2 +0.4
RND	Reindeer	60.18 31	IAMB	IAMB	06 09 06.5
F24K	Squaw Lake	60.20 26	IAMB	IAMB	06 08 49.9
F24K	Squaw Lake	60.20 26	P	P	06 08 47.5 +0.1
PMR	Palmer	60.25 33	P	P	06 08 48.2 +0.5
SEW	Seward	60.28 35	P	P	06 08 47.5 -0.4
H24K	Noodor Dome	60.35 28	P	P	06 08 49.6 +1.2
H24K	Noodor Dome	60.35 28	IAMB	IAMB	06 09 04.6
H24K	Noodor Dome	60.35 28	P	P	06 08 48.9 +0.4
G24K	Hadweencic Riv	60.44 27	P	P	06 08 49.2 +0.3
COLA	College	60.46 29	P	P	06 08 49.3 +0.2
KNK	Knik Glacier	60.60 33	P	P	06 08 50.6 +0.4

SML	Sawmill	60.61 33	P	P	06 08 50.9 +0.6
POKR	Poker Plat Res	60.61 29	P	P	06 08 50.9 +0.7
D25K	Kavik River	60.62 24	IAMB	IAMB	06 08 52.0
D25K	Kavik River	60.62 24	P	P	06 08 50.5 +0.3
WATY	Susitna Watana	60.78 32	P	P	06 08 51.8 +0.3
D25K	Denali Highway	60.88 31	P	P	06 08 52.3 0.0
IL31	IL31	60.88 29	IAMB	IAMB	06 08 52.1 +0.2
IL31	IL31	60.88 29	P	P	06 09 03.5
ILAR	Eielsen Array	60.88 29	P	P	06 08 51.9 -0.2
M23K	Glacier View	60.89 33	P	P	06 08 52.9 +0.8
HDA	Harding Lake	60.90 30	IAMB	IAMB	06 09 07.1
HDA	Harding Lake	60.90 30	P	P	06 08 52.5 +0.4
G25K	Bearman Lake	60.97 27	P	P	06 08 53.0 +0.4
E25K	Arctic Village	61.02 25	IAMB	IAMB	06 09 09.1
E25K	Arctic Village	61.02 25	P	P	06 08 53.8 +0.8
F25K	Christian River	61.05 26	P	P	06 08 54.3 +1.1
C26K	Camden Bay	61.07 23	P	P	06 08 54.2 +1.0
SCM	Sheep Creek Mo	61.07 32	P	P	06 08 54.7 +1.3
KIRV	Kirov	61.09 324	LR	LR	06 36 18.0
H25L	Birch Creek	61.14 27	P	P	06 08 54.4 +0.6
P23K	Montague Isian	61.31 35	P	P	06 08 56.3 +1.2
GLI	Glacier Island	61.33 34	P	P	06 08 56.0 +0.9
PRP	Porcupine Dome	61.36 28	P	P	06 08 56.5 +1.1
BMAR	Burnt Mountain	61.48 26	P	P	06 08 57.3 +1.2
K24K	Donnelly Dome	61.49 30	P	P	06 08 57.1 +0.9
C27K	Jag River	61.52 23	P	P	06 08 57.3 +1.1
J25K	Salcha River	61.55 29	P	P	06 08 57.2 +0.6
DZM	Mont Dzumac	61.56 142	eLR	LR	06 27 18.5
M24K	Tolson, Glenn	61.57 32	P	P	06 08 58.1 +1.3
F26K	Sheenjek River	61.61 26	P	P	06 08 57.7 +0.8
PAX	Paxson	61.76 31	P	P	06 08 58.1 0.0
KLU	Klutina	61.79 33	P	P	06 08 58.6 +0.3
G26K	Porcupine Rive	61.85 26	P	P	06 08 59.2 +0.6
HARP	HAARP	61.99 32	P	P	06 09 00.4 +0.7
EYAK	Conroy Ski Ar	62.03 34	P	P	06 08 59.5 -0.3
SCRK	Sand Creek	62.25 30	IAMB	IAMB	06 09 13.3
SCRK	Sand Creek	62.25 30	P	P	06 09 01.1 -0.3
J26L	Joseph Creek	62.34 29	P	P	06 09 01.4 -0.6
I26K	Coal Creek Min	62.37 28	P	P	06 09 02.1 0.0
N25K	Chitina, Valde	62.39 32	P	P	06 09 02.1 -0.3
E27K	Coleen River	62.49 25	IAMB	IAMB	06 09 19.4
E27K	Coleen River	62.49 25	P	P	06 09 02.9 +0.1
BMRM	Bremner River	62.51 33	P	P	06 09 03.2 +0.1
D27M	Malcolm River	62.53 24	IAMB	IAMB	06 09 05.3
D27M	Malcolm River	62.53 24	P	P	06 09 03.1 -0.1
L26K	Log Cabin Wild	62.70 31	IAMB	IAMB	06 09 24.0
L26K	Log Cabin Wild	62.70 31	P	P	06 09 04.3 -0.1
G27K	Doyon Strip	62.71 26	P	P	06 09 04.5 +0.2
KAIM	Kayak Island	62.80 34	P	P	06 09 05.3 +0.3
H27K	Steamboat Moun	62.87 27	P	P	06 09 06.1 +0.7
I27K	Kandik River	62.95 28	P	P	06 09 06.7 +0.7
M26K	Nabesna, AK	62.98 31	IAMB	IAMB	06 09 20.6
M26K	Nabesna, AK	62.98 31	P	P	06 09 06.8 +0.6
VRDI	Verde Repeater	63.01 33	IAMB	IAMB	06 09 21.2
K27K	Chicken	63.07 30	IAMB	IAMB	06 09 23.7
K27K	Chicken	63.07 30	P	P	06 09 07.7 +1.0
E28M	Babbage River	63.16 24	IAMB	IAMB	06 09 09.5
E28M	Babbage River	63.16 24	P	P	06 09 07.7 +0.5
MCARA	McCarthy VSAT	63.18 33	P	P	06 09 07.8 +0.3
F28M	Old Crow	63.24 25	IAMB	IAMB	06 09 24.0
F28M	Old Crow	63.24 25	P	P	06 09 08.7 +0.9
CRQE	Cirque River	63.28 33	P	P	06 09 08.5 +0.1
D28M	Stokes Point	63.30 23	P	P	06 09 08.5 +0.4
EGAK	Eagle	63.30 29	P	P	06 09 08.6 +0.4
EGAK	Eagle	63.30 29	P	P	06 09 08.8 +0.6
BELG	Belogoroye	63.32 317	LR	LR	06 38 10.6
L27K	Beaver Creek,	63.37 31	P	P	06 09 09.2 +0.4
L27K	Beaver Creek,	63.37 31	P	P	06 09 09.5 +0.7
BCAR	Beaver Creek A	63.39 31	P	P	06 09 10.2 +1.3
M27K	Edge Creek, AK	63.50 31	IAMB	IAMB	06 09 31.8
M27K	Edge Creek, AK	63.50 31	P	P	06 09 09.7 -0.1
I28M	Miner Creek	63.67 28	P	P	06 09 12.1 +1.3
I28M	Miner Creek	63.67 28	IAMB	IAMB	06 09 24.6
I28M	Miner Creek	63.67 28	P	P	06 09 11.7 +0.9
E29M	Blow River	63.80 24	P	P	06 09 11.8 +0.3
CTG	Chitna Glacier	64.07 33	P	P	06 09 13.8 +0.2
G29M	Pine Creek	64.09 26	IAMB	IAMB	06 09 29.7
G29M	Pine Creek	64.09 26	P	P	06 09 13.8 +0.3
H29M	Whitestone	64.12 27	P	P	06 09 13.9 +0.3
DAWY	Devil	64.21 29	P	P	06 09 14.2 -0.1
YUK3	Moose Creek	64.29 32	P	P	06 09 15.2 +0.1
I29M	Ogilvie Camp,	64.35 28	IAMB	IAMB	06 09 30.9
I29M	Ogilvie Camp,	64.35 28	P	P	06 09 15.8 +0.6
O28M	Mount Upton	64.66 33	P	P	06 09 17.9 +0.3
EPYK	Eagle Plains	64.73 26	P	P	06 09 18.3 +0.6
YUK8	Steele Glacier	64.73 32	P	P	06 09 18.8 +0.7
F30M	Barrier River	64.76 25	P	P	06 09 18.6 +0.8

Table with columns: PPT, Papeete, 89.92 110 LR, 06 42 45.6, etc. Includes stations like AKASG, AKCB, KIEV, RAYN, MI30, MI28, LUBAR, etc.

Table with columns: PPT, Papeete, 89.92 110 LR, 06 42 45.6, etc. Includes stations like PPT, Papeete, ULM, KEST, SCHO, ESCD, TORD, etc.

IDC 26 06:59:00.8, 1.2, 55.85S:27.70W, h0km, mb3.7/5, mbmp3.8/6, ML4.6/1, Error ellipse: s-maj=46.8km s-min=23.5km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like VNA1, VNA3, VNA2, SNA4, SNA5, etc.

IDC 26 06:04:09.5:2.1, 15.07S:173.44W, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=124.8km s-min=27.4km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H11S2, H11S3, H11S1, H11N1, H11N2, WRA, etc.

IDC 26 06:29:49.7:3.1, 54.144N:86.92E, h0km, mbmp3.0/2, ML2.5/2, Error ellipse: s-maj=27.8km s-min=19.6km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like I46R9, ZALV, ZALV, KURBB, KURBB, etc.

NEIC 26 06:31:32.0:1.0, 53.38N:0.05:163.56W:0.07, h4km, 6km, ML3.4/6, ML3.2(AEIC), Error ellipse: s-maj=7.4km s-min=5.5km az=145.0

IDC 26 06:31:33.2:1.8, 53.81N:163.68W, h0km, mb3.8/12, mbmp3.7/14, ML2.7/2, MS3.2, Error ellipse: s-maj=43.8km s-min=20.5km az=169.0

AEIC 26 06:31:33.1:1.1, 53.36N:0.07:163.54W:0.07, h12km, 6km, Error ellipse: s-maj=11.6km s-min=1.6km az=149.0

IDC 26 06:31:37.2:8.5, 53.40N:0.07:163.46W:0.05, h16km, 15km, n57, 01:45:55, mb4.1/11, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like WESE, WESC, ISLZ, WECB, WEBT, etc.

Table with columns: WNKR, Veniaminof 3.54 40 Pn, 06 32 28.7 +0.8, etc. Includes stations like CHGN, CHGN, O14K, etc.

Table with columns: L14K, Kuka Creek 7.97 3 P, 06 33 31.8 +3.3, etc. Includes stations like L16K, L18K, SUA, etc.

Table with columns: INK, Inuvik 20.54 32 P, 06 36 09.3 -1.4, etc. Includes stations like PETK, H11N2, H11N3, etc.

Table with columns: H11N1, WAKE ISLAND Hy 40.64 226 T, 07 22 54.4, etc. Includes stations like H11S1, H11S2, H11S3, etc.

Table with columns: MJAR, Matsushiro Arr 43.29 271 LR, 06 54 42.0, etc. Includes stations like TXAR, ZALV, etc.

Table with columns: KURBB, Kurchatov Arra 64.01 321 P, 06 42 05.4 -0.3, etc. Includes stations like BVAR, FINES, etc.

Table with columns: MKAR, Makanchi Arr 65.61 317 P, 06 42 15.6 -0.7, etc. Includes stations like HFS, EKA, etc.

Table with columns: AKTO, Aktyubinsk 70.80 333 P, 06 42 48.4 -0.3, etc. Includes stations like BELG, KBZ, etc.

Table with columns: JMA 26 06:53:46.3:0.3, 26°N:2' x 127°E, h156km, MV3.6/23, NW OFF MIYAKUJIMA ISLAND, etc.

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

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

IDC 26 06:56:59.8:3.7, 46.97N:147.22E, h360km, 41km, mb2.8/6, mbmp3.6/9, Error ellipse: s-maj=30.1km s-min=19.0km az=148.0

IDC 26 06:56:57.8:1.0, 46.93N:0.2:147.3E:0.1, h338km, n9, 0:09:09, mb3.1/6, Northwest of Kuril Islands

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB, MKAR, and WRA.

IDC 26 07:03:36.2.1.1, 11.23N:74.43W, h0km, mb3.8/3, mbmp3.8/4, ML2.2/1, MS3.4/3, Error ellipse: s-maj=49.2km s-min=27.2km az=70.0

NEIC 26 07:03:38.0.2.8, 11.29N:0.03:74.61W:0.09, h15km, 7km, mb4.0/5, Error ellipse: s-maj=12.0km s-min=4.7km az=86.0

RSNC 26 07:03:41.8.0.0, 11.1N:5.7:5W:1, h28km, 11km, M4.4, mb4.8, mb4.8, ML3.5, Mw(mb)4.0

ISC 26 07:03:41.2.0.7, 11.20N:0.05:74.85W:0.04, h35km, n48, $\pm 25.0/64, mb3.7/4, \text{Near north coast of Colombia}$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJCC, ARGC, CRUC, and UREA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREA, UREC, UREX, and UREY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UREX, UREY, UREZ, and UREX.

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

IDC 26 07:20:02.3.2.9, 53.95N:86.54E, h0km, mbtmp2.5/2, ML2.3/2, Error ellipse: s-maj=22.8km s-min=13.2km

az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, and ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, and ZALV.

IDC 26 07:25:33.9.4.7, 2.49S:132.04E, h0km, mb3.5/2, mbmp3.6/3, ML3.7/1, Error ellipse: s-maj=29.9km s-min=29.9km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, BNDI, and BNDI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR, ELK, and ELK.

IDC 26 07:40:10.9.3.0, 53.74N:86.86E, h0km, mbtmp2.5/2, ML2.0/2, Error ellipse: s-maj=26.4km s-min=16.8km

az=66.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, and ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, and ZALV.

IDC 26 07:58:02.8.0.5, 23.37S:68.67W, h105km, 3km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AF01, AF01, and AF01.

Maa 1.65±.11; Maa-1.59±.12; Maa0.90±.15; Maa1.13±.08; Maa-0.20±.14; Best double couple: Maa2, 17200±1016 NP1=118.00000°, delta.66.00000°, lambda.24.00000°. NP2: phi=26.00000°, delta.66.00000°, lambda.176.00000°. Principal axes: T 2.2850, P1g19.0000°, Azm345.0000°; N -0.2230, P1g66.0000°, Azm126.0000°; P -0.0590, P1g14.0000°, Azm250.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26 08:00:14.2±.1, 34.87N±0.10±.132; 82E±0.07, h35km, 8km, mb4.6/58 Error ellipse: s-maj=8.2km s-min=1.4km

ISC 26 08:00:11.0±.0.7, 34.93N±0.003; 132.87E±0.003, h18km, 3km, mb2.6±.021/198, mb4.5/65, MS4.0/39, 9C-17D, Western Honshu

Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC
					h m s	s	ISC
JHS	Saiyo	0.21	71	Op	08 00 14.3	-1.9	
JHS	Saiyo	0.21	71	Op	08 00 17.4	-2.4	
JHS	Saiyo	0.21	71	Op	08 00 14.3		
JG2T	ShimaneMisato	0.33	294	iP	08 00 16.3	-1.6	
JG2T	ShimaneMisato	0.33	294	iP	08 00 20.8	-1.9	
JG2T	ShimaneMisato	0.33	294	iP	08 00 16.3		
JJG	Jouge	0.37	141	iP	08 00 17.1	-1.7	
JJG	Jouge	0.37	141	iP	08 00 22.3	-1.7	
JJG	Jouge	0.37	141	iP	08 00 17.1		
JHT	Toyoehira	0.45	234	iP	08 00 18.6	-1.7	
JHT	Toyoehira	0.45	234	iP	08 00 24.8	-1.7	
JHT	Toyoehira	0.45	234	iP	08 00 18.6		
JISK	Izumosakaura	0.57	358	A	08 00 20.7	-1.7	
JISK	Izumosakaura	0.57	358	A	08 00 28.6	-1.5	
JISK	Izumosakaura	0.57	358	A	08 00 20.7		
JNM	Ikuma	0.58	13	iP	08 00 21.1	-1.4	
JNM	Ikuma	0.58	13	iP	08 00 29.1	-1.2	
JNM	Ikuma	0.58	13	iP	08 00 21.1		
JHM	Kurahashi	0.84	200	A	08 00 25.6		
JHK	Hikimi	0.87	243	A	08 00 26.2		
JJKR	Kurayoshi	0.90	60	A	08 00 26.6		
JJS	Sakaide	1.04	122	A	08 00 28.9		
JAD	Aida	1.07	89	A	08 00 29.4		
JET	Tanbara	1.16	173	A	08 00 31.1		
JKD	Kudamatsu	1.20	224	A	08 00 31.9		
JMAF	Mimaanabuki	1.38	129	A	08 00 34.7		
JOI	OK	1.39	113	A	08 00 34.9		
JNA	Nagahama	1.41	193	A	08 00 35.2		
JHGM	Hagimishima	1.43	165	A	08 00 35.5		
JMN	Monobe	1.46	145	Pn	08 00 35.9	-0.6	
JMN	Monobe	1.46	145	Pn	08 00 35.9		
JKHR	Kochihirano	1.51	160	A	08 00 36.8		
JKSM	Kasumi	1.61	65	A	08 00 38.2		
JKU	Kubokawa	1.62	174	A	08 00 38.5		
JKS	Kasai	1.62	88	A	08 00 38.4		
JTY	Toyota	1.63	246	A	08 00 38.5		
JKI	Kunimi	1.68	220	A	08 00 39.4		
UWA2	Uwa jima 2	1.72	187	A	08 00 40.0		
JAI	Aioi	1.73	130	A	08 00 40.0		
JAWN	Awajishima-nag	1.73	104	A	08 00 40.0		
JMIK	Miki	1.80	160	A	08 00 41.0		
MRT2	Murotomisaki 2	1.87	145	A	08 00 42.1		
JKY	Yasaka	1.96	68	A	08 00 43.4		
JBEP	Beppuamama	2.00	218	A	08 00 44.1		
JTO	Tosashimizu	2.06	162	A	08 00 45.0		
JUS	Usuki	2.08	207	A	08 00 45.2		
JFA	Akaike	2.10	235	A	08 00 45.6		
JWT	Wachi	2.11	80	A	08 00 45.5		
JSKE	Saikikamae	2.27	201	A	08 00 48.0		
JWM	Minabe	2.32	117	A	08 00 48.6		
JHE	Heguri	2.33	96	A	08 00 48.8		
JWY	Kouye	2.36	107	A	08 00 49.1		
JNU	Nakatsue	2.45	223	Pn	08 00 50.2	+0.2	
JNU	Nakatsue	2.45	223	Pn	08 00 50.4	+0.3	
JNU	Nakatsue	2.45	223	Pn	08 01 23.9		
JNU	Nakatsue	2.45	223	A	08 00 50.5		
JTNC	Tanabekakech	2.52	115	A	08 00 51.6		
JFI	Iitaya	2.54	235	A	08 00 51.9		
JNTK	Naratakawa	2.57	104	A	08 00 52.2		
JJKT	Kitakata	2.58	208	A	08 00 52.5		
JFM	Mihama	2.62	76	A	08 00 52.9		
JHHC	Huyagahichiya	2.68	203	A	08 00 54.0		
JTA	Tamana	2.76	225	A	08 00 55.0		
JWKM	Wakayamakushim	2.81	121	A	08 00 55.7		
JII	Iki	2.83	247	A	08 00 56.1		
JMMH	Miemihama	2.84	112	A	08 00 56.1		
JKN2	Miekihoku	2.89	103	A	08 00 56.9		
JEG	Eigeno	2.90	85	A	08 00 56.9		
JTSN	Tsuno	2.91	203	A	08 00 57.1		
JJU3	Izumiz	2.92	216	A	08 00 57.4		
TSUJ	Tsu 2	2.93	93	A	08 00 57.2		
JTSM	Tsushimamitsus	2.93	259	A	08 00 57.5		
JUR	Ureshino	3.04	234	A	08 00 59.0		
JKG	Kaga	3.13	64	A	08 01 00.1		
JIE	Ise	3.21	99	A	08 01 01.2		
JYTA	Yamagatataia	3.23	77	A	08 01 01.7		
JCN	Ichinomyachia	3.23	82	A	08 01 02.4		
JHD	Hondo	3.35	224	A	08 01 03.4		
JZO	Okuchikawa	3.37	215	A	08 01 03.7		
JTZ	Takazaki	3.37	207	A	08 01 03.7		
INU	Inuyama	3.43	82	Pn	08 01 04.2	+0.7	

NGSJ	Nagasakinomozu	3.43	229	A	08 01 04.6		
JNKG	Nichinkanigato	3.49	201	A	08 01 05.4		
TT01	TONANKAI O.B.S	3.50	111	A	08 01 05.4		
JAA	Atsumi	3.53	94	A	08 01 05.9		
JAO	Obara	3.62	83	A	08 01 07.1		
TT02	TONANKAI O.B.S	3.64	108	A	08 01 07.5		
JNAR	Kushima-Naru	3.65	202	A	08 01 07.6		
JGF	Kuroka	3.73	78	Pn	08 01 08.3	+0.5	
JJH	Hakui	3.75	57	A	08 01 08.9		
TT03	TONANKAI O.B.S	3.89	105	A	08 01 11.1		
TT04	TONANKAI O.B.S	3.97	102	A	08 01 12.1		
HMMU	Hamamatsu 2	3.99	90	A	08 01 12.4		
JTT	Tatey	4.00	64	A	08 01 12.4		
TT05	TONANKAI O.B.S	4.06	98	A	08 01 13.4		
JTSR	Tashiro 2	4.09	204	A	08 01 13.8		
JNY	Yasuok	4.11	83	A	08 01 14.2		
JKS	Kakagawashinom	4.21	91	A	08 01 15.6		
JSG	Sagara	4.38	92	Pn	08 01 18.6	+2.0	
JSG	Sagara	4.38	92	A	08 01 17.9		
SHZ3	Shizuoka 3	4.39	87	A	08 01 18.0		
MJB9	Matsu-Tunnel	4.63	68	Pn	08 01 21.0	+0.9	
MAJO	Matsushiro	4.63	68	Pn	08 01 21.5	+1.3	
MAJO	Matsushiro	4.63	68	Pn	08 01 21.8	+1.7	
MJAR	Matsushiro Arr	4.63	68	Pn	08 01 21.4	+1.2	
TJN	Taejon	4.71	289	Pn	08 01 22.0	+0.8	
TJN	Taejon	4.71	289	P	08 01 22.0	+0.8	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	
KSRS	Korea Array	4.73	304	Pn	08 01 21.1	-0.2	
KSRS	Korea Array	4.73	304	Pn	08 01 21.4	-1.3	

26d 8h

YSS	comp	Z	0.1nm,1.0s	pmx	pmx				
JSD	Sado	5.66	226	P	Pn	08 05 54.0	+3.0		
MAJO	Matsushiro	6.86	218	Pn	Pn	08 06 08.9	+1.5		
MAJO	Matsushiro	6.86	218	Pn	Pn	08 06 09.0	+1.5		
MJAR	Matsushiro Arr	6.86	218	Pn	Pn	08 06 09.2	+1.7		
USRK	Ussuriysk Ar	8.62	288	Pn	Pn	08 06 29.6	-1.9		
JHJ2	Mitsune	9.41	199	P	Pn	08 06 42.5	+0.1		
JHJ2	Mitsune	9.41	199	Pn	Pn	08 06 41.9	-0.5		
JHJ	Hachijo jima 2	9.41	199	Pn	Pn	08 06 42.2	-0.2		
JHJ	comp-Z,2.5nm,0.3s,baz=99,slow=24,SNR=11			Sn	Sn	08 08 19.3	-7.5		
KLR	Kul'dur	10.75	315	Pn	Pn	08 07 01.4	-0.5		
SKR	Severo-Kuril's	12.26	41	AMS	AMS	08 08 42.0			
KSR5	Korea Array	12.79	254	LR	LR	08 11 53.3			
JNU	Nakatsue	13.37	232	Pn	Pn	08 07 34.8	-1.8		
JNU	comp-Z,1.09nm,21.8s,baz=146,slow=37,SNR=17,17m,1.2s			LR	LR	08 12 38.9			
PEA0B	Petrovlovsk-	14.60	36	Pn	Pn	08 07 51.3	-1.7		
PEA0B	Petrovlovsk-	14.60	36	P	Pn	08 07 51.3	-1.7		
PETK	Petrovlovsk-	14.60	36	Pn	Pn	08 07 51.5	-1.5		
PETK	Petrovlovsk-	14.60	36	Pn	Pn	08 07 52.1	-0.9		
PET	Petrovlovsk-	14.97	38	AMS	AMS	08 17 24.0			
JCJ	Chichijima	15.00	184	P	Pn	08 07 57.2	-1.2		
JCJ	Chichijima	15.00	184	Pn	Pn	08 07 57.8	-0.6		
JCJ	Chichijima	15.00	184	Pn	Pn	08 07 52.1	-6.3		
YAK	Yakutsk	21.59	342	eP	eP	08 09 11.6	-3.5		
YAK	comp-Z,2.1nm,0.9s			pmx	pmx				
YAK	comp=N,4.0nm,0.8s			pmx	pmx				
YAK	comp=E,4.0nm,0.8s			pmx	pmx				
HHC	Hu-ho-hao-te	23.84	278	eP	eP	08 09 39.5	+1.0		
HHC	comp-Z,1.1nm,0.6s			pmx	pmx				
SOMM	Somgino Array	26.64	295	P	P	08 10 04.2	+0.3		
H1N2	WAKE ISLAND Hy 29.86	131	T	T	08 41 54.7				
H1N1	WAKE ISLAND Hy 29.87	131	T	T	08 41 56.0				
H1N3	WAKE ISLAND Hy 29.88	131	T	T	08 41 57.2				
H1S1	WAKE ISLAND Hy 30.74	133	T	T	08 43 01.9				
H1S3	WAKE ISLAND Hy 30.74	133	T	T	08 43 01.5				
H1S2	WAKE ISLAND Hy 30.75	133	T	T	08 43 03.3				
UNV	Unalaska Valle	34.81	51	P	P	08 11 15.8	+0.1		
M13K	Dall Lake	36.78	42	P	P	08 11 31.8	-0.7		
G15K	Niukhuk	37.16	34	P	P	08 11 35.7	+0.1		
PZH	PanZhiHua	37.39	259	P	P	08 11 38.8	+0.7		
PZH	comp-Z,10.0nm,0.7s			pmx	pmx				
M14K	Bethel	37.49	41	P	P	08 11 38.6	+0.2		
C16K	Lisburne Hills	37.50	28	P	P	08 11 38.6	+0.2		
C16K	Lisburne Hills	37.50	28	P	P	08 11 39.5			
O14K	Tiguykauivet M	37.76	44	P	P	08 11 38.0	-0.4		
L15K	Ungalak Mounta	37.80	40	P	P	08 11 40.5	-0.3		
H16K	Elim	37.85	35	P	P	08 11 41.0	-0.4		
M15K	Kasigluk River	38.11	41	P	P	08 11 43.5	-0.2		
D17K	Noatak River	38.16	30	P	P	08 11 44.2	+0.2		
C17K	DeLong Mountai	38.33	29	P	P	08 11 44.4	-1.1		
N15K	Kwethluk River	38.38	42	P	P	08 11 45.6	-0.5		
I17K	Unalakleet	38.41	36	P	P	08 11 45.9	-0.2		
E17K	Hotham Inlet	38.49	31	P	P	08 11 47.2	+0.4		
O15K	Ungalikthiuk R	38.50	44	P	P	08 11 47.8	+0.8		
F17K	Baldwin Pennin	38.58	32	P	P	08 11 46.9	-0.7		
G17K	Kiwalik Mounta	38.66	34	P	P	08 11 47.4	-0.8		
L16K	Ohwat River	38.76	40	P	P	08 11 48.7	-0.5		
H17K	Granite Mounta	38.88	35	P	P	08 11 50.5	+0.4		
E18K	Tukpahlearik C	39.02	31	P	P	08 11 51.2	-0.1		
B18K	Kokolik River	39.04	27	P	P	08 11 51.4	-0.1		
N16K	Nishik Lake	39.05	42	P	P	08 11 50.5	-1.1		
J17K	VAM Dome	39.07	37	P	P	08 11 51.6	-0.2		
C18K	Utukok River	39.08	29	P	P	08 11 51.5	-0.3		
C18K	Utukok River	39.08	29	P	P	08 11 53.0			
F18K	Selawik	39.24	32	P	P	08 11 53.5	+0.4		
L17K	Donlin	39.34	39	P	P	08 11 54.3	+0.3		
K17K	Iditarod	39.37	38	P	P	08 11 52.9	-1.3		
G18K	Tagagawik	39.53	33	P	P	08 11 56.5	+0.1		
G18K	Tagagawik	39.53	33	P	P	08 11 55.3	-0.3		
H18K	Honhosa River	39.56	34	P	P	08 11 55.6	+0.8		
H18K	Honhosa River	39.56	34	P	P	08 11 55.8	0.0		
C19K	Lookout Ridge	39.75	28	P	P	08 11 54.7	+0.1		
N17K	Nushagak Hills	39.84	42	P	P	08 11 58.3	+0.2		
ZAA0	Zalesovo Array	39.84	308	P	P	08 11 58.8	+0.6		
ZAA0	Zalesovo Array	39.84	308	P	P	08 11 59.8			
ZALV	Zalesovo Beam	39.84	308	P	P	08 11 58.2	0.0		
ZALV	Zalesovo Beam	39.84	308	P	P	08 11 58.5	+0.3		
ZALV	comp-Z,5.8nm,0.7s,baz=98,slow=7.6,SNR=12			PcP	PcP	08 14 03.9	+0.6		
O17K	Koliganek Bris	39.89	43	P	P	08 11 58.5	0.0		
F19K	Shaleruckik Mo	40.02	32	P	P	08 11 59.6	+0.1		
F19K	Shaleruckik Mo	40.02	32	P	P	08 12 01.6			
L18K	Granite Mounta	40.10	39	P	P	08 12 01.6	+1.4		
L18K	Granite Mounta	40.10	39	P	P	08 12 19.0			
L18K	Granite Mounta	40.10	39	P	P	08 11 59.7	-0.5		

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J18K	Innoko River	40.13	37	P	P	08 12 00.6	0.0		
GCSA	Galena City Sc	40.15	35	P	P	08 12 01.3	+0.6		
D19K	Kuna River	40.15	29	P	Iamb	08 12 00.7	0.0		
D19K	Kuna River	40.15	29	P	P	08 12 00.9	+0.2		
G19K	Purcell Mounta	40.20	33	P	Iamb	08 12 01.6	+0.5		
G19K	Purcell Mounta	40.20	33	P	P	08 12 03.3			
G19K	Purcell Mounta	40.20	33	P	P	08 12 01.3	+0.2		
P17K	Kvichak River	40.24	44	P	P	08 12 01.4	0.0		
E19K	Redstone River	40.31	31	P	Iamb	08 12 02.5	+0.5		
E19K	Redstone River	40.31	31	P	Iamb	08 12 04.7			
E19K	Redstone River	40.31	31	P	P	08 12 01.9	-0.1		
H19K	Roundabout Mou	40.40	34	P	Iamb	08 12 04.3	+1.6		
H19K	Roundabout Mou	40.40	34	P	P	08 12 05.7			
H19K	Roundabout Mou	40.40	34	P	P	08 12 01.8	-0.9		
N18K	Kilae Creek	40.47	41	P	P	08 12 02.6	-0.8		
M18K	Stony River	40.50	40	P	P	08 12 03.4	-0.2		
J19K	Poorman	40.65	36	P	P	08 12 05.7	+0.9		
J19K	Poorman	40.65	36	P	P	08 12 04.2	-0.6		
D20K	Etiyuk River	40.73	29	P	P	08 12 05.4	-0.1		
B20K	Meade River	40.77	27	P	Iamb	08 12 05.3	-0.4		
B20K	Meade River	40.77	27	P	Iamb	08 12 07.0			
B20K	Meade River	40.77	27	P	P	08 12 05.8	+0.1		
E20K	Nigu River	40.82	30	P	P	08 12 05.9	-0.3		
O18K	Koktuh Hills	40.84	43	P	P	08 12 05.3	-1.2		
F20K	Avaragat Lake	40.84	32	P	P	08 12 05.8	-0.6		
P18K	Big Mountain	40.85	43	P	P	08 12 05.7	-0.9		
L19K	White Mountain	40.96	39	P	P	08 12 06.8	-0.6		
H20K	Annoteneega Mo	41.05	34	P	P	08 12 07.7	-0.4		
N19K	Bonanza Creek	41.16	41	P	P	08 12 08.0	-1.1		
A20K	Naaghedeneel	41.18	35	P	P	08 12 08.5	-0.7		
I21K	Barrow	41.21	25	P	P	08 12 08.8	-0.6		
J20K	Nowinta River	41.30	36	P	Iamb	08 12 11.3	+1.1		
J20K	Nowinta River	41.30	36	P	Iamb	08 12 13.6			
J20K	Nowinta River	41.30	36	P	P	08 12 10.5	+0.3		
K20K	Telida	41.32	37	P	P	08 12 10.4	+0.1		
L20K	Farewell, AK	41.41	39	P	P	08 12 11.3	+0.2		
C21K	Knifeblade Rid	41.45	28	P	P	08 12 11.4	+0.1		
IMAR	Indian Mountai	41.54	33	P	P	08 12 13.2	+1.0		
B21K	Ikpikpuk River	41.58	28	P	Iamb	08 12 12.6	+0.3		
B21K	Ikpikpuk River	41.58	28	P	Iamb	08 12 14.1			
B21K	Ikpikpuk River	41.58	28	P	P	08 12 11.5	-0.8		
E21K	Killik River	41.66	30	P	P	08 12 13.0	-0.1		
G21K	Allakaket	41.67	33	P	Iamb	08 12 14.8	+1.6		
G21K	Allakaket	41.67	33	P	Iamb	08 12 17.1			
G21K	Allakaket	41.67	33	P	P	08 12 14.2	+1.0		
A22K	Sinclair Lake	41.67	26	P	P	08 12 13.7	+0.6		
O19K	Jack Douglas,	41.70	44	P	P	08 12 15.0	+1.4		
F21K	Alatna River	41.73	31	P	P	08 12 15.4	+1.7		
F21K	Alatna River	41.73	31	P	P	08 12 15.4	+1.7		
M20K	Styx River	41.77	40	P	P	08 12 14.5	+0.3		

26d 9h

Table with columns for ID, Name, Date, Time, and Status. Includes entries like O16K Kokwok River B, M13K Dall Lake, ATKA Atka Island, etc.

2018 JUN

Table with columns for ID, Name, Date, Time, and Status. Includes entries like J19K Poorman, Q23K Middleton Isla, H17K Granite Mounta, etc.

1502

Table with columns for ID, Name, Date, Time, and Status. Includes entries like YUK3 Moose Creek, BCAR Beaver Creek A, J26L Joseph Creek, etc.

26d 9h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, and other details. Includes entries like 121A Cooke's Peak, 121A Cooke's Peak, TUL3 Leonard, etc.

2018 JUN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, and other details. Includes entries like BELC Belle Mtn. Jos, 053A New Philadelphia, 053A New Philadelphia, etc.

1504

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, and other details. Includes entries like K22A Casper, SUSD Miller, SUSD Miller, etc.

1505

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, etc. Includes stations like BMO Blue Mountains, JCC Jacoby Creek, EGMT Eagle, etc.

2018 JUN

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, etc. Includes stations like N30M Aishkik Lake, BCPM Bancas Point, YUK6 Outpost Mounta, etc.

26d 9h

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, etc. Includes stations like KLU Klutina, EGAK Eagle, EGAK comp=Z,740nm,18.0s, etc.

Table with columns: PRP, comp, IAMS_20, IAMS_20, 09 57 39.5, etc. Rows include Porcupine Dome, IL31, ILR1, ILAR, ILAR, ILAR, RND, RND, RND, Q19K, Q20K, PMOZ, PMOZ, PMOZ, CUT, CUT, D28M, G26K, P19K, E27K, E27K, MCK, CCB, POKR, POKR, N20K, SPCR, FYU, FYU, FYU, COLA, COLA, H25L, SKT, SKT, MDM, BMAR, D27M, F26K, NEA2, NEA2, G25K, PMPST, PMPST, O17K, O19K, H24K, H24K, H24K, KTH, KTH, P16K, M20K, M20K, I23K, I23K, F25K, PPLA, O18K, O18K, BPAW, BPAW, BPAW, G24K, N19K, CAST, CAST, E25K, E25K, E25K, Q16K, TULEG, CHGN, H23K, H23K, H23K, P17K, MLY, MLY, MLY, CHNA, CHUM, M19K

Table with columns: M19K, L20K, C27K, F24K, F24K, N18K, N18K, L19K, L19K, O17K, I21K, I21K, M18K, M18K, G23K, G23K, G23K, K20K, K20K, H22K, C26K, E24K, E24K, D25K, D25K, D25K, N17K, N17K, N17K, COLD, O16K, O16K, J20K, J20K, H21K, H21K, H21K, E23K, G22K, L18K, L18K, M17K, M17K, I20K, I20K, TOLK, TOLK, TOLK, D24K, J19K, J19K, N16K, C24K, F22K, F22K, J18K, J18K, G21K, G21K, G21K, H20K, M16K, M16K, E22K, E22K, D23K, L17K, L17K, F21K, F21K, N15K, N15K, K17K, K17K, GCSA, L16K, L16K, L16K, C23K, C23K, O14K, O14K, H19K, H19K, H19K, H19K, EUNU, D22K, M15K

Table with columns: J17K, VABM Dome, J17K, J17K, E21K, E21K, E21K, N14K, F20K, F20K, G19K, G19K, G19K, G19K, H18K, H18K, M14K, M14K, L15K, J16K, J16K, C21K, K15K, B22K, B22K, B22K, G18K, G18K, E20K, F19K, F19K, B21K, B21K, B21K, H17K, H17K, H17K, L14K, L14K, M13K, D20K, UNV, BORG, F18K, G17K, A22K, D19K, D19K, D19K, H16K, H16K, B20K, B20K, J14K, J14K, F17K, F17K, F17K, E18K, E18K, E18K, E18K, G16K, G16K, K13K, K13K, A21K, C19K, C19K, E17K, E17K, M11K, M11K, G15K, C18K, D17K, ANM, ANM, F15K, F15K, F15K, RDOG, RDOG, RDOG, B18K

Table with columns for station ID, name, frequency, and other details. Includes stations like KATASHINA, SHIZUOKA 3, SAGARA, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like WAKE ISLAND HY 28.10, WAKE ISLAND HY 28.11, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like ANAKTUVUK PASS, SUSITNA ONE, MANLEY, etc.

26d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboo, FIA1 FINESS Array S, FIBES FINESS Array B, etc.

RSNC 26 10:58:00.7-0.0, 5N, 1.7-4W, h145km, 3km, M2.5, mb5.3, mb4.3, ML2.5, Mw(mb)4.7, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPBC San Pablo de B, SPBC SPBC, CHIC Chingaza, etc.

BJI 26 11:03:01.4-0.0, 39.24N, 142.34E, h44km, mb4.7/63, mb4.6/15, Ms3.9/17, Ms7.3/8/21
MOS 26 11:03:04.6-0.0, 39.42N, 142.09E, h54km, mb4.9/18, Error ellipse: s-maj=7.7km s-min=5.0km az=99.3
NIED 26 11:03:05.7, 39.34N, 142.07E, h48km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn:2.44; Mw:-0.33; Ms:2.12; Mo:1.34; Mv:-0.51; Mw:3.31; Fault plane solution: Mw4.27000x10^15 NP1:phi:21.00000, delta:0.00000, lambda:93.00000. NP2:phi:190.00000, delta:17.00000, lambda:80.00000.
JMA 26 11:03:05.7-0.0, 39.3N, 0.2x142.1E:0.5, h48km, MD4.4/40, MW4.5/40, E OFF IWATE PREF.
JMA Felt J1 at E OFF IWATE PREF.
NEIC 26 11:03:05.1-6, 39.34N:0.05, 142.1E:0.1, h40km, 6km, mb4.8/72, Error ellipse: s-maj=11.9km s-min=7.3km az=110.0
IDC 26 11:03:07.7-0.7, 39.25N, 142.00E, h70km, 5km, mb4.0/25, mbmt4.4/31, MS3.4/9, Error ellipse: s-maj=14.1km s-min=10.1km az=96.0

2018 JUN

ISC 26 11:03:04.6-0.0, 39.31N, 0.03x142.16E:0.04, h43km, 2km, h43km; pp-P, n281, r160/293, mb4.7/90, MS3.7/8, 10C-25D, Near east of eastern Honshu

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MIYJ Miyakonagasawa, MIYJ Miyakonagasawa, OFUJ Ofunato, etc.

1510

Table with columns: YSS, comp, Time, Res, ISC, MLR, MLR. Includes stations like JMN Monobe, MSHR Mys Shuhsa, USA08 Ussuriysk Arra, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ENH, H1N1, H1N2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BVA0, BVAR, BVAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKBB, NVAR, RNPNS, etc.

HEL 26 11:29:51.2±0.1, 63:95N:28:07E, h0km, ML1.5, Explosion, Finland

26d 14h

Table with columns: TWE, Neicheng, 0.28 320 P, Pg, 14 08 20.2 0.0, etc. Includes stations like Nioudou, Datong, Datong Townshi, etc.

ANF 26 14:13:12.5:0.4, 64.85N:173.22W, h0km, ML4.2/17, Error ellipse: s-maj=4.0km s-min=2.7km az=88.0

NER 26 14:13:12.2:0.7, 64.92N:173.14W, h0km ISC 26 14:13:12.7:0.7, 64.83N:173.54W:0.03, h10km, n80, c145/105, 1C, Eastern Siberia

Table with columns: Code, Station Name, Delta A Z, Phase ID, ISC, Time, Res. Includes stations like Provideniya, Gambell, Tin City, etc.

2018 JUN

Main table with columns: H16K, J14K, K13K, D17K, E17K, F17K, RDOG, G17K, C17K, M11K, I17K, H17K, E18K, J16K, K15K, F18K, L14K, C18K, L15K, L15K, G18K, H18K, B18K, M13K, J17K, M14K, C19K, G19K, L16K, E19K, D19K, M15K, H19K, J18K, F20K, M16K, E20K, D20K, N15K, J19K, H20K, L18K, M17K, B20K, J20K, C21K, E21K, K20K, M18K, BILL, BILL, BILL, B21K, L19K, L20K, A21K, M19K, N18K, D22K, CHUM, A22K, B22K, N19K, PPLA, M20K, MLY, BPAW, D23K, H23K, E23K, C23K. Includes station names like Nanvaranak Lak, Kusilvak Mount, Noatak River, etc.

1516

Table with columns: TOLK, Toolik Lake Re, 10.18 57 P, Pn, 14 15 38.5 -0.2. Includes station names like Sachiutepequez, Retalhuleu, etc.

NEIC 26 14:55:47.5:1.6, 13.74N:0.07:91.34W:0.10, h35km:2km, mb4.4/74, Error ellipse: s-maj=18.0km s-min=8.6km az=239.0

GCG 26 14:55:49.8:1.0, 13.78N:91.72W, h37km:293km, MD4.2

CATAC 26 14:55:50.7:0.5, 13.85N:91.44W, h8km:4km, ML4.1

SNET 26 14:55:52.9:1.7, 13.99N:91.44W, h46km:319km, ML4.0

IDC 26 14:55:59.1:3.2, 14.25N:91.06W, h122km:27km, mb3.6/4, mbmp4.0/7, Error ellipse: s-maj=31.9km s-min=24.0km az=58.0

ISC 26 14:55:50.3:1.0, 13.81N:0.06:91.60W:0.05, h65km:8km, n132, c193/147, mb4.4/37, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A Z, Phase ID, ISC, Time, Res. Includes stations like Sachiutepequez, Retalhuleu, Santiagoito 3, etc.

26d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Rosedale, Skaggs, Santa Maria, Albuquerque, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Burnt Mountain, Noodor Dome, BORG, Borgarnes, etc.

1518

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RPN, ATAH, NANA, JTS, etc.

NEIC 26 15:39:58.0 1.4, 19.0S:0.2:177.6W:0.2, h58km, 12km, mb4.3/15, Error ellipse: s-maj=22.7km s-min=21.0km az=144.0

IDC 26 15:39:58.6 3.1, 18.95S:177.74W, h59km, 35km, mb3.2/6, mbtmp4.1/9, Error ellipse: s-maj=25.1km s-min=18.1km az=165.0

ISC 26 15:39:56.7 0.5, 19.0S:0.1:177.75W:0.009, h570km, n33, 0.87/35, mb4.1/16, Fiji Islands region

IDC 26 16:15:25.4 3.7, 23.36N:143.69E, h90km, 37km, mb3.4/5, mbtmp3.9/8, Error ellipse: s-maj=175.5km s-min=18.3km az=75.0

NEIC 26 16:15:27.0 4.0, 23.0N:0.1:142.9E:0.3, h63km, 6km, mb4.2/8, Error ellipse: s-maj=38.2km s-min=17.0km az=92.0

ISC 26 16:15:25.0 1.0, 23.18N:10.07:142.6E:0.2, h50km, n23, 0.151/25, mb4.0/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RPN, ATAH, NANA, JTS, etc.

IDC 26 16:12:44.0 1.2, 13.30S:111.70W, h0km, mb3.6/4, mbtmp3.6/4, MS3.8/26, Error ellipse: s-maj=50.6km s-min=31.6km az=76.0

ISC 26 16:12:45.6 1.1, 13.33S:0.2:111.7W:0.3, h11km, n39,

26d 17h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IRAM Ramesheh, KLNJ Kolanjah, TRNA Turayna, etc.

NEIC 26 17:50:14.2, 1.4, 1.4; 0.1: 89.9W; 0.2, h16km, 5km, mb4.5/48, Error ellipse: s-maj=31.9km s-min=9.8km az=58.0

IGC 26 17:50:16.2, 1.5, 0.86S; 0.7: 91.2W; 0.7, h10km, M4.6/12 ISC 26 17:50:16.2, 1.5, 0.86S; 0.07: 91.08W; 0.4, h3km, km9, n64, c1759/58, mb4.5/24, Galapagos Islands

Main station list table for 26d 17h, including stations like VCH1 Volcn Chico, PVIL Puerto Villami, CEAZ Cerra Azul, etc.

2018 JUN

Table with columns: SNAA, Iamb, Iamb, 18 03 39.6, HHC Hu-ho-hao-te, WMQ Urumqi, etc.

BGR 26 17:56:23.1, 30.22N; 49.60E, h10km, mb4.5 NAO 26 17:56:43.6, 31.92N; 46.97E, h33km, mb4.3 MAS 26 17:57:02.3, 1.5, 34.52N; 46.20E, h11km, mb4.9/33, Error ellipse: s-maj=5.3km s-min=3.3km az=116.2

TEH 26 17:57:03.5, 34.62N; 46.27E, h8km, 21km, M4.8 AFAD 26 17:57:03.4, 0.3, 59.10N; 97.71W, h7km, 5km, M4.7.4 NEIC 26 17:57:04.6, 1.6, 34.65N; 0.04; 46.14E; 0.02, h10km, 1km, mb4.7/41, Error ellipse: s-maj=7.5km s-min=3.0km az=5.0

OMAN 26 17:57:52.4, 1.5, 31.01N; 48.16E, h10km, mb5.0/38, ms3.6/7, Error ellipse: s-maj=16.9km s-min=12.2km az=2.0

GII 26 17:57:58.9, 0.3, 34.57N; 46.22E, h10km, confirmed ISC 26 17:57:03.4, 0.3, 34.59N; 0.02; 46.21E; 0.02, h5km, 5km, n1020, c1855/920, MS4.0/60, 39C-31D, Western Iran

Main station list table for 2018 JUN, including stations like IDHR Dehrash, IGHG Ghaleghazi, KGS1 Ghasr-e-Shirin, etc.

1520

Table with columns: DAMV Damavand, 4.83 76 ePn, Pn, 17 58 18.7 +1.7, etc.

Main station list table for 1520, including stations like GNI Garmi, KOTA Agri, Merkez-K, KLNJ Kolanjah, etc.

KIV	Kislodovsk	9.74 345	eP	Pn	17 59 31.6	+7.5
KIV			eS	Sn	18 01 23.9	+1.0
KIV			pmax			
KIV	comp=Z,28nm,1.1s			MLR	MLR	
YTIYR	Yatir	9.86 254	P	Pn	18 00 21.0	+5.5
YTIYR		9.86 254	S	Sn	18 02 12.3	+5.5
AMAZ	Amatzia	9.96 255	P	Pn	18 00 22.3	+5.5
AMAZ		9.96 255	S	Sn	18 02 14.1	+5.5
KBRB	Kerman	10.04 114	ePn	Pn	17 59 30.0	+1.4
VSLR	Vesolyoye	10.07 333f	eP	Pn	17 59 33.3	+4.7
ZFRI	Zfri	10.14 250	P	Pn	17 59 37.1	+7.6
ZFRI		10.14 250	P	Sn	18 00 24.9	+5.5
ZFRI		10.14 250	S	Sn	18 02 18.4	+5.5
GEYT	Alibeck	10.18 67	Pn	Pn	17 59 31.1	+1.1
GEYT		10.18 67	Pn	Pn	17 59 33.3	+3.3
GEYT	comp=Z,0.4nm,0.3s,baz=265,slow=16,SNR=14			LR	18 00 33.2	+7.6
GEYT	comp=Z,522nm,20.5s,baz=257,slow=38			LR	18 00 33.2	+7.6
GEYT	Alibeck	10.18 67	P	Pn	17 59 31.1	+1.1
GVA0B	ALIBECK ARRAY	10.18 67	P	Pn	17 59 31.1	+1.1
SOC	Sochi	10.29 333	eP	Pn	17 59 33.3	+1.7
SOC			e			
SOC	comp=Z,32nm,0.6s			pmax	pmax	
SOC	comp=Z,605nm,12.0s			MLR	MLR	
PRNI	Paran	10.36 249	P	Pn	17 59 38.4	+5.7
PRNI		10.36 249	S	Sn	18 00 27.8	+5.5
PRNI		10.36 249	S	Sn	18 02 24.2	+5.5
HRFI	Mount Harif	10.49 247	P	Pn	18 00 29.6	+5.5
HRFI		10.49 247	S	Sn	18 02 27.6	+5.5
CSS	Mathiatis	10.60 276	Pn	Pn	17 59 34.4	+1.8
CSS		10.60 276	P	Pn	17 59 41.9	+6.0
CSS	Mathiatis	10.60 276	P	Pn	17 59 40.3	+4.4
SMRA	Abu-Samra	10.60 157	P	Pn	17 59 29.7	+6.2
SMRA			S	Sn	18 06 36.4	+4.9
KZIT	Kziot	10.60 253	P	Pn	17 59 43.0	+7.1
KZIT		10.60 253	P	Sn	18 00 31.5	+5.6
KZIT		10.60 253	S	Sn	18 02 30.5	+5.5
AQBJ	Aqaba	10.63 246	P	Pn	17 59 48.5	+1.2
KRMI	Paran Flat	10.69 248	P	Pn	18 00 31.8	+5.5
KRMI		10.69 248	S	Sn	18 02 32.0	+5.5
MBRI	Mt Berech	10.70 247	P	Pn	17 59 44.7	+7.4
MBRI		10.70 247	P	Pn	18 00 31.7	+5.4
MBRI		10.70 247	S	Sn	18 02 32.2	+5.5
EIL	Elat	10.73 246	Pn	Pn	17 59 38.2	+0.5
EIL	comp=Z,1.1nm,0.3s,baz=73,slow=6.6,SNR=8.8			Sn	18 01 40.9	+2.8
EIL				Lg	18 02 43.6	
EIL	comp=Z,2.4nm,0.3s,baz=88,slow=20,SNR=2.0			LR	18 03 45.0	
EIL	comp=Z,305nm,21.0s,baz=67,slow=38			LR		
EIL	comp=Z,9.4nm,0.8s					
EIL	Elat	10.73 246	P	Pn	18 00 32.9	+5.5
EIL		10.73 246	S	Sn	18 02 33.1	+5.5
TRNA	Turayna	10.74 155	P	Pn	17 59 32.1	+5.7
TRNA			S	Sn	18 00 48.2	+5.0
LABN	Labinsk	10.88 339	eP	Pn	17 59 45.0	+5.3
LABN			eS	Sn	18 01 50.5	+8.6
LABN	comp=Z,37nm,0.6s			pmax	pmax	
LABN	comp=E,3um,11.0s			MLR	MLR	
LABN	comp=Z,1um,10.0s			MLR	MLR	
LABN	comp=N,79nm,8.0s					
RAYN	Ar Rayn	11.05 183	P	Pn	17 59 39.5	+2.6
RAYN		11.05 183	P	Pn	17 59 40.3	+1.9
RAYN		11.05 183	P	Pn	17 59 40.1	+2.0
BSRN	Basiran	11.12 100	ePn	Pn	17 59 45.8	+2.5
DIKM	Dikmen	11.13 312	UP	Pn	17 59 46.8	+3.7
JRN	Garnain Island	11.21 147	P	Pn	17 59 42.7	+1.5
BR104	Keskin Array S	11.25 301	P	Pn	17 59 49.2	+4.3
BR131	Keskin Array S	11.26 301	Pn	Pn	17 59 44.7	+0.3
BR131		11.26 301	eP	Pn	17 59 48.8	+3.6
BRTR	Keskin Array B	11.26 301	Pn	Pn	17 59 44.4	+0.6
BRTR		11.26 301	Pn	Pn	17 59 47.2	+2.3
BRTR	comp=N,0.5nm,0.3s,baz=125,slow=11,SNR=7.4			LR	18 05 08.5	
BRTR	comp=N,477nm,18.2s,baz=116,slow=43			LR		
BRTR	Keskin Array B	11.26 301	P	Pn	17 59 48.8	+3.8
BRTR			pmax			
BR105	Keskin Array S	11.27 301	P	Pn	17 59 48.9	+3.7
BR106	Keskin Array S	11.28 301	Pn	Pn	17 59 48.8	+3.6
SLWR	Sila	11.52 154	P	Pn	17 59 44.5	+4.0
SLWR			P	Pn	17 59 44.5	+4.0
ANTO	Ankara	11.91 300	UP	Pn	17 59 54.7	+3.8
ANTO		11.91 300	UP	Pn	17 59 54.1	+0.3
ANTO		11.91 300	P	Pn	17 59 57.6	+3.7
ANTO	comp=Z,43nm,1.5s,comp=Z,730nm					
ANTO	Ankara	11.91 300	P	Pn	17 59 54.2	+0.3
BR231	Keskin MP Arra	11.92 300	Pn	Pn	17 59 53.4	+0.6
ERBR	Yeremizin-Bor	11.94 340	eP	Pn	18 00 00.3	+6.2
ERBR			pmax			
ERBR	comp=Z,77nm,1.4s			MLR	MLR	
ERBR	comp=Z,414nm,7.0s			MLR	MLR	
BZK	Bozkurt	12.08 311	Pn	Pn	17 59 54.2	+1.8
GHWR	Ruwais	12.08 150	P	Pn	17 59 51.7	+4.4
GHWR			P	Pn	18 01 22.8	+4.9
SHME	Shamm	12.08 132	P	Pn	17 59 54.8	+1.4
SHME		12.08 132	P	Pn	17 59 55.7	+0.4
SHME			P	Pn	17 59 55.7	+0.4
UMQ	Umm Al-Quwin	12.19 135	P	Pn	17 59 57.7	0.0
UMQ			S	Sn	18 01 35.4	+3.8
BANOM	Banah	12.27 132	P	Pn	17 59 57.6	+1.2
BANOM		12.27 132	P	Pn	17 59 57.7	+1.2
AJN	Aljan	12.57 140	P	Pn	18 00 01.6	+1.3
AJN		12.57 140	P	Pn	18 00 02.7	+0.2
MASF	Masafi	12.60 134	P	Pn	18 00 02.1	+1.2
MASF			S	Sn	18 01 48.2	+3.6
MASF	Nazwa, Dubai	12.60 137	P	Pn	18 00 02.7	+0.6
MASF	Nazwa, Dubai	12.60 137	P	Pn	18 00 03.5	+0.2
MSFE	Esma-Masafi	12.61 134	P	Pn	18 00 02.0	+1.4
MZWR	Madinat Zayed	12.70 146	P	Pn	18 00 04.2	+0.4
ASUD	Al Ashush, Dub	12.71 139	P	Pn	18 00 03.7	+1.0
ASUD	Al Ashush, Dub	12.71 139	P	Pn	18 00 04.2	+0.5
ASUD			P	Pn	18 00 04.2	+0.5
ASUD	SNR=85					
ASUD	SNR=85					
ASUD			S	Sn	18 01 45.9	+4.1
ASUD			S	Sn	18 01 45.9	+4.1
MDH	Madha	12.73 134	P	Pn	18 00 02.9	+2.2
MDH		12.73 134	P	Pn	18 00 03.2	+1.9
MDH			P	Pn	18 00 03.2	+1.9
MDH			S	Sn	18 01 49.8	+3.7
MDH			S	Sn	18 01 49.8	+3.7
FAQ	Al Faqa, Dubai	12.75 138	P	Pn	18 00 04.7	+0.7
FAQ			S	Sn	18 02 19.1	+8.7
FAQ			P	Pn	18 00 04.5	+0.9
FAQ	Al Faqa, Dubai	12.75 138	P	Pn	18 01 47.4	+4.0
UOSS	Minazif	12.95 135	Pn	Pn	18 00 06.1	+1.9
UOSS		12.95 135	P	Pn	18 00 05.7	+2.3
UOSS		12.95 135	P	Pn	18 00 06.1	+1.9
HATD	Hatta, Dubai	13.00 136	P	Pn	18 00 07.2	+1.5
HATD		13.00 136	P	Pn	18 00 06.5	+2.2
ASHO	Ashtiyah	13.06 136	P	Pn	18 00 08.4	+1.3
MZR	Muzera	13.19 149	P	Pn	18 00 10.1	+1.1
MZR		13.19 149	P	Pn	18 00 10.2	+1.1
MZR			S	Sn	18 01 49.9	+4.8
HRA	Herat	13.23 86	Pn	Pn	18 00 14.1	+2.0

JASK	Jask - Hormozg	13.30 128	P	Pn	18 00 12.3	-0.6
ALNE	Al Ain	13.39 139	P	Pn	18 00 12.9	-1.1
ALNE		13.39 139	P	Pn	18 00 13.2	-0.9
ELL	Elmal	13.43 284	Pn	Pn	18 00 13.0	-1.6
ELL		13.43 284	P	Pn	18 00 13.0	-1.6
SOHO	SOHO	13.76 137	P	Pn	18 00 16.7	-2.4
SOHO		13.76 137	P	Pn	18 00 16.9	-2.3
SIM	Simferopol'	13.89 322	eP	Pn	18 00 24.9	+4.1
SIM			eS	Sn	18 02 59.6	+4.2
SIM	comp=Z,24nm,1.2s			pmax		
SIM	comp=Z,256nm,26.6s			MLR	MLR	
UMZA	Um Al Zomool	14.20 144	P	Pn	18 00 22.0	-3.1
UMZA			S	Sn	18 02 17.9	-4.5
ARQ	Araqi	14.39 139	P	Pn	18 00 26.1	-1.6
HOQ	Hoqain	14.63 136	P	Pn	18 00 30.5	-0.7
BIDO	Bidbid	15.16 134	P	Pn	18 00 38.9	+0.7
BIDO			P	Pn	18 00 38.9	+0.7
BSY	Bisya	15.23 138	P	Pn	18 00 36.8	-2.3
SMDO	Samad	15.47 135	P	Pn	18 00 39.8	-2.6
SMDO			P	Pn	18 00 39.8	-2.6
KARP	Karpathos	15.63 279	Pn	Pn	18 00 42.5	-1.8
KARP		15.63 279	P	Pn	18 00 49.5	+0.9
KARP		15.63 279	P	Pn	18 00 48.7	+0.1
WSAR	Wadi Sarin	15.68 133	Pn	Pn	18 00 41.8	-3.2
WSAR	comp=Z,4.0nm,0.3s,baz=314,slow=11,SNR=33			Sn	18 03 27.3	-1.2
WSAR	comp=Z,1.2nm,0.3s,baz=27,slow=16,SNR=2.3			LR	18 07 57.7	
JMDO	Jabal Madar	16.04 136	P	Pn	18 00 46.0	-3.6
JMDO			P	Pn	18 00 46.0	-3.6
WBD	Wadi Bani Khal	16.36 134	P	Pn	18 00 52.0	-1.8
WBD			P	Pn	18 00 52.0	-1.8
EZN	Ezine	16.67 294	P	P	18 01 01.7	+1.7
NE56	Nesha	16.72 321	P	Pn	18 01 00.5	0.0
JRH	Jurlovca	16.74 313	P	Pn	18 01 02.0	+1.3
VRR	Novokoporysk	16.92 350	eP	Pn	18 01 01.7	-1.0
VRR			pmax			
JRN	Jatan Bani Buh	16.97 193	P	Pn	18 01 00.4	-1.1
TLCR	Anoyia	17.00 314	UP	P	18 01 04.4	+0.8
TLCR		17.00 314	UP	P	18 01 04.4	+0.8
TLCR			P	Pn	18 01 15.1	+1.1
NEF	NEVSHA	17.06 306	P	P	18 01 04.8	+0.4
TPGR	Toplog	17.06 312	UP	P	18 01 03.6	+0.4
VORD	Divnogorie	17.12 345	eP	Pn	18 01 03.6	+0.4
VORD			pmax			
ALN	Alexandroupoli	17.13 297	Pn	Pn	18 01 02.3	-1.1
ALN			Iamb		18 01 19.7	
ALN	comp=Z,123nm,1.3s			P	18 01 02.3	-1.1
ALN	Alexandroupoli	17.13 297	P	Pn	18 01 02.3	-1.1
ALN			pmax			
PURM	Purcari	17.17 319	UP	P	18 01 05.9	+0.4
PURM		17.17 319	UP	P	18 01 05.4	-0.1
HARR	Harsova	17.28 311	UP	P	18 01 08.4	+1.6
HARR		17.28 311	UP	P	18 01 08.4	+1.6
VSR	Storozhevoje	17.38 345	eP	Pn	18 01 05.4	-1.1
VSR			pmax			
DOK	Doka	17.40 154	P	Pn	18 01 03.8	-3.1
IDI	Anoyia	17.50 278	Pn	Pn	18 01 05.3	-2.8
IDI			Iamb		18 01 14.1	
IDI	comp=Z,56nm,1.0s			Pn	18 01 08.8	+0.7
IDI	comp=Z,2.8nm,0.3s,baz=42,slow=16,SNR=17					
RDO	Rodhopi	17.52 298	P	Pn	18 01 08.3	-0.5
RDO			Iamb		18 01 13.9	
QDM	QDM	17.72 143	P	Pn	18 01 08.2	-2.7
VORR	Voronozh	17.80 346	eP			

MTE	Manteigas	42.49	294	P	P	18 04 58.6	-0.9
MTE				I	Amb	18 05 00.8	
PBAR	Barrancos	42.53	291	eP	P	18 04 59.7	-0.1
PCBR	Castelo Branco	42.54	293	eP	P	18 05 00.1	+0.2
PMRV	Marv?to	42.55	292	eP	P	18 05 00.0	0.0
GTA	Goat'ai	42.56	67	eP	P	18 04 58.3	-1.9
GTA				pmax	pmax		
GTA				LR	LR		
GTA				LR	LR		
GTA				LR	LR		
PVIS	Viseu	42.70	295	eP	P	18 05 01.4	+0.2
PGAV	Gavieira, Arco	42.78	297	eP	P	18 05 02.4	+0.5
IGLA	Glengowla, Co	42.96	314	eP	P	18 05 02.1	-1.0
PBEJ	Beja	43.20	291	eP	P	18 05 05.1	-0.2
PVAQ	Vaqueiros	43.22	290	eP	P	18 05 03.8	-1.7
PMAO	Montargil	43.26	292	eP	P	18 05 05.6	-0.1
PCAS	Casmilo, Conde	43.27	294	eP	P	18 05 06.2	+0.4
PCAS				A	A	18 05 10.2	
PCVE	Castro Verde	43.42	290	eP	P	18 05 06.7	-0.3
PBDV	Barranco-do-ve	43.43	290	eP	P	18 05 04.8	-2.3
PNCL	Nicolau / Gran	43.69	291	eP	P	18 05 09.1	-0.1
ZAK	Zakamensk	43.84	51	eP	P	18 05 10.4	0.0
ZAK				pmax	pmax		
PFVI	Vila Bisbo	44.15	290	eP	P	18 05 14.6	+1.7
IRK	Irkutsk	44.44	48	eP	P	18 05 13.2	-1.8
IRK				pmax	pmax		
TOAO	Torodi Ar. Sit	45.51	253	P	P	18 05 23.5	-0.5
TOAO				I	Amb	18 05 28.5	
TORD	Torodi Ar. Bea	45.51	253	P	P	18 05 24.1	+0.1
TORD				I	Amb	18 05 28.5	
TORD				P	P	18 05 24.2	+0.2
TORD				P	P	18 05 23.1	-0.2
SPB2	Spitsbergen Ar	45.52	352	P	P	18 05 23.1	-0.2
SPITS	Spitsbergen Ar	45.53	352	P	P	18 05 23.2	-0.2
SOMM	Songino Array	46.05	54	P	P	18 05 28.6	+0.5
SONM				PcP	PcP	18 07 03.1	-1.4
SONM				LR	LR	18 28 49.0	
JMIC	Jan Mayen	46.36	338	LR	LR	18 26 00.3	
ULN	Ulanbaatar	46.49	54	P	P	18 05 33.1	+1.6
ULN				I	Amb	18 05 36.4	
ULN				P	P	18 05 31.9	+0.4
CD2	Chengdu	47.98	77	P	S	18 05 42.5	-0.8
CD2				LR	LR	18 12 41.5	-0.2
CD2				LR	LR		
CD2				LR	LR		
CHTO	Chiang Mai	49.13	95	P	P	18 05 52.0	-0.1
CHTO	Chiang Mai	49.13	95	P	P	18 05 52.1	-0.1
CHTO				pmax	pmax		
CMAR	Chiang Mai Arr	49.31	95	P	P	18 05 53.0	-0.5
CMAR	Chiang Mai Arr	49.31	95	P	P	18 05 52.9	-0.6
CMAR				LR	LR	18 30 44.3	
CMAR				P	P	18 05 53.0	-0.5
HHC	Hu-ho-hao-te	51.01	63	eP	P	18 05 05.5	-0.8
HHC				pmax	pmax		
HHC				LR	LR		
HHC				LR	LR		
HHC				LR	LR		
XAN	Xi'an	51.03	72	LP	S	18 06 07.0	+0.5
XAN				S	P	18 06 14.0	+4.5
XAN				S	S	18 13 24.0	-0.3
XAN				pmax	pmax		
XAN				LR	LR		
XAN				LR	LR		
XAN				LR	LR		
LYN	LuoYang	53.61	70	eP	P	18 06 29.3	+3.7
LYN				pmax	pmax		
HNS	HongShan	54.37	66	LP	S	18 06 38.0	+7.0
HNS				S	P	18 14 19.0	+9.3
HNS				pmax	pmax		
HNS				LR	LR		
HNS				LR	LR		
HNS				LR	LR		
DBIC	Dimbokro	54.54	252	P	P	18 06 31.9	-0.6
TIXI	Tiksi	55.29	221	eP	P	18 06 39.7	+2.5
TIXI				pmax	pmax		
TIA	Tai'an	56.59	66	P	P	18 06 48.0	+0.8
TIA				pmax	pmax		
YAK	Yakutsk	57.14	34	LR	LR	18 35 25.1	
YAK				LR	LR		
YAK				P	P	18 06 52.8	+2.3
YAK				pmax	pmax		
ZEA	Zeya	57.93	44	eP	MLR	18 07 00.4	+4.1
ZEA				MLR	MLR		
QIZ	Qiongzhong	58.01	88	P	S	18 06 56.5	-0.9
QIZ				S	LR	18 14 58.0	-0.6
QIZ				LR	LR		
QIZ				LR	LR		
HEH	HeiHe	59.05	48	eP	P	18 07 04.3	+0.2
HEH				pmax	pmax		
HEH				pmax	pmax		
HEH				LR	LR		
HEH				LR	LR		
HEH				LR	LR		
HEH				LR	LR		
NJ2	Nanjing	59.51	70	eP	P	18 07 06.8	-0.8
NJ2				pmax	pmax		
TSUM	Tsumber	60.03	212	P	P	18 07 11.1	-0.3
KLR	Kul'dur	62.04	48	LR	LR	18 38 02.5	
EUNU	Eureka	62.65	352	P	P	18 07 28.8	+0.5
WIN	Windhoek	63.22	210	P	P	18 07 34.1	+1.2
WIN	Windhoek	63.22	210	P	P	18 07 34.1	+1.2
KRSR	Korea Array	64.10	61	P	P	18 07 37.5	-1.0
KRSR				LR	LR	18 39 01.4	
USRK	Ussuriysk Ar.	64.13	53	LR	LR	18 37 58.5	
BOSA	Boshof	65.92	200	P	P	18 07 50.6	+0.3
BOSA				LR	LR	18 37 21.2	
MA2	Maqadad	67.61	32	LR	LR	18 40 36.8	
JNU	Nakatsue	68.18	64	LR	LR	18 40 42.4	
BILL	Bilibino	68.39	20	P	P	18 08 05.2	-0.3
BILL				I	Amb	18 08 09.8	
BILL				I	Amb	18 08 09.8	
BILL				eP	eP	18 08 08.1	+2.6
BILL				e	e	18 08 29.0	
BILL				pmax	pmax		
JOW	Kunigami	69.18	71	LR	LR	18 42 28.1	
ASAJ	Asahikawa	70.98	49	LR	LR	18 40 38.5	
MJAR	Matsushiro Arr	71.83	58	P	P	18 08 28.8	+1.6
A21K	Barrow	73.14	8	P	P	18 08 34.9	+0.6
A36M	Sachs Harbour	73.54	357	P	P	18 08 37.2	+0.6
A36M	Sachs Harbour	73.54	357	P	P	18 08 37.7	+1.0
A22K	Sinclair Lake	73.61	7	P	P	18 08 36.6	-0.5
A19K	Wainwright	73.65	9	P	P	18 08 37.7	+0.4
SCHO	Schefferville	74.09	326	P	P	18 08 40.1	-0.1
B18K	Kolik River	74.32	10	P	P	18 08 41.9	+0.6
B20K	Meade River	74.32	8	I	Amb	18 08 45.8	
B20K	Meade River	74.32	8	P	P	18 08 41.9	+0.6
B22K	Teshchepuk Lake	74.41	7	P	P	18 08 42.4	+0.7
C16K	Lisburne Hills	74.76	12	P	P	18 08 44.6	+0.7
C19K	Lookout Ridge	74.86	9	P	P	18 08 45.3	+0.7
C17K	DeLong Mountain	74.93	11	P	P	18 08 45.5	+0.6
B21K	Ikpik River	74.97	7	I	Amb	18 08 49.6	
B21K	Ikpik River	74.97	7	P	P	18 08 45.7	+0.7
C18K	Utukuk River	75.07	10	P	P	18 08 46.3	+0.6
C23K	Iktilik River	75.15	6	I	Amb	18 08 50.9	
C23K	Iktilik River	75.15	6	P	P	18 08 47.1	+1.0
R30K	Red Dog Mine	75.36	11	P	P	18 08 47.9	+0.5
C21K	Kniefblade Rid	75.40	8	P	P	18 08 48.1	+0.5
C26K	Camden Bay	75.48	4	P	P	18 08 49.3	+1.3
D20K	Etiyuk River	75.61	8	P	P	18 08 49.8	+0.9
D19K	Kuna River	75.63	9	P	P	18 08 49.1	+0.1
D17K	Noatak River	75.65	11	P	P	18 08 50.2	+1.1
C27K	Jago River	75.83	4	P	P	18 08 50.0	-0.1
D22K	Ayikyak River	75.89	7	I	Amb	18 08 54.9	
D22K	Ayikyak River	75.89	7	P	P	18 08 50.5	+0.1
D24K	Happy Valley	75.96	5	P	P	18 08 51.2	+0.4
D25K	Kavik River	75.98	5	P	P	18 08 50.9	-0.1
D25K	Kavik River	75.98	5	P	P	18 08 52.0	+1.1
D23K	Nanushuk River	75.99	6	P	P	18 08 51.5	+0.5
E20K	Nigu River	76.10	8	P	P	18 08 52.4	+0.8
C36M	Paulatuk	76.12	356	P	P	18 08 52.7	+1.1
C36M	Paulatuk	76.12	356	P	P	18 08 51.8	+0.2
E21K	Kiilik River	76.17	8	I	Amb	18 08 55.9	
E21K	Kiilik River	76.17	8	P	P	18 08 53.0	+0.9
E18K	Tukpahleark C	76.29	10	I	Amb	18 08 56.7	
E18K	Tukpahleark C	76.29	10	P	P	18 08 52.9	+0.2
D28M	Stokes Point	76.32	2	P	P	18 08 53.4	+0.6
D27M	Malcolm River	76.33	3	P	P	18 08 52.4	-0.6
TOLK	Toolik Lake Re	76.41	6	P	P	18 08 53.2	-0.1
E17K	Hotham Inlet	76.42	11	P	P	18 08 52.6	-0.8
E19K	Redstone River	76.72	9	P	P	18 08 54.7	-0.4
E23K	Chatalar	76.97	6	P	P	18 08 55.8	-0.9
E28M	Babbage River	77.02	2	P	P	18 08 56.8	0.0
E28M				I	Amb	18 09 01.1	
E28M				P	P	18 08 56.4	-0.5
E24K	Your Creek	77.05	6	I	Amb	18 09 00.7	
E24K	Your Creek	77.05	6	P	P	18 08 56.9	-0.2
F14K	Arctic Creek	77.10	13	P	P	18 08 57.1	-0.1
F17K	Baldwin Pennin	77.10	11	P	P	18 08 56.9	-0.3
F18K	Selawik	77.10	10	P	P	18 08 57.9	+0.1
F15K	North Star Dit	77.20	13	P	P	18 08 57.8	0.0
E25K	Arctic Village	77.22	4	I	Amb	18 09 02.1	
F19K	Chukotik Mo	77.24	9	P	P	18 08 57.8	-0.2
F22K	John River	77.26	7	P	P	18 08 58.1	-0.1
E29M	Blor River	77.28	2	P	P	18 08 57.7	-0.6
F20K	Avarart Lake	77.30	9	I	Amb	18 09 02.4	
F20K	Avarart Lake	77.30	9	P	P	18 08 58.7	+0.3
E27K	Coleen River	77.36	3	I	Amb	18 09 03.1	
E27K	Coleen River	77.36	3	P	P	18 08 58.9	+0.1
F21K	Alatna River	77.40	8	I	Amb	18 09 10.6	
F21K	Alatna River	77.40	8	P	P	18 08 58.6	-0.3
INK	Inuvik	77.41	360	P	P	18 08 59.0	+0.1
INK	Inuvik	77.41	360	P	P	18 08 58.7	-0.2
GAMB	Gambell	77.46	16	P	P	18 08 58.8	-0.4
F24K	Squaw Lake	77.64	6	I	Amb	18 09 04.9	
F24K	Squaw Lake	77.64	6	P	P	18 09 00.3	0.0
F26K	Sheenjek River	77.73	4	P	P	18 09 00.1	-0.7
COLD	Coldfoot	77.73	6	P	P	18 09 00.1	-0.6
F25K	Christian River	77.73	5	P	P	18 09 00.5	-0.4
G16K	Koyuk River	77.89	12	P	P	18 09 01.3	-0.4
G22K	Bettles	77.90	7	P	P	18 09 01.4	-0.3
G15K	Niuluk	77.96	13	P	P	18 09 01.6	-0.5
BMAR	Burnt Mountain	77					

26d 18h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1524

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

GCJ 26 18:01:50.5:0.7, 16:99N:95:86W, h35km, 999km, MD5.6
MOS 26 18:02:16.6:1.1, 15:69N:93:89W, h66km, m5.6/33,
MS4.6/10, Error ellipse: s-maj=7.7km s-min=4.7km
az=96.2
BGR 26 18:02:16.9, 14:99N:92:19W, h33km, m5.4
NEIC 26 18:02:18.1:2.4, 15:64N:0:05:94.06W, h67km, 4km,
m5.4/520, Mw=2.43, Mds.2/172(MEX), Error ellipse:
s-maj=7.3km s-min=5.9km az=194.0
IDC 26 18:02:18.5:1.1, 15:69N:93:80W, h71km, 9km, m4.8/35,
mbmp5.1/36, MS4.1/57, Error ellipse: s-maj=14.1km
s-min=8.0km az=50.0
MEX 26 18:02:19.8:1.3, 15:62N:94:09W, h76km, 19km, MD5.2
GCMT 26 18:02:19.1:0.1, 15:79N:0:01:93:92W, h73km, 1km,
MW5.2/139, Moment Tensor Solution. s111,c174;
s139,c235; Duration: 1s0 Moment tensor: Scale 1017
Mn: 0.62e-01; Mxx:0.28e-01; Myy:0.32e-01;
Mzz:0.56e-01; Mxy:0.40e-01; Myz:0.34e-01; Best double
couple: M0.93100e-017, NP1:93:305:00000; 368.000000,
lambda=100.000000; NP2:93:150:00000; 324.000000,
lambda=67.000000; Principal axes: T 0.9680, Plg22.00000,
Az=43.00000; N -0.0730, Plg9.00000; Az=309.00000; P
-0.8940, Plg6.00000; Az=198.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function
NEIC 26 18:02:21.0:0.0, 15:70N:93:80W, h90km, m5.2/2,
Ms5.2/6, Ms7.4/87
NEIC 26 18:02:21.3:1.6, 16:27N:93:68W, h35km, 999km, ML4.9
ISC 26 18:02:19.3:0.3, 15:64N:0:03:94.06W, h67km, 4km,
h87km; PP-P, n1408, s188/1324, m5.3/362, 83C-38D,
Near coast of Oaxaca
Code Station Name Az AZ Op Phase ID Time Res
CARR Arriaga 0.62 13 eP Pn 18 02 33.9 -0.9
CARR 0.62 13 eS Sn 18 02 45.4 -0.8

ESQI	Esquipulas	4.68 103	iP	Pn	18 03 27.9	+0.3
ESQI	Tapla	18 04 23.3	iS	Sn	18 05 00.6	+2.5
ESQI	Tapla	18 04 23.3	IAML	Sn	18 05 00.6	+2.5
MTOS	Montecristo	4.70 105	Pn	Pn	18 03 27.0	-1.0
MTOS	Montecristo	4.70 105	iP	Pn	18 03 27.2	-0.3
MTOS	Montecristo	4.70 105	iP	Pn	18 03 27.2	-0.9
MTOS	Tapla	18 04 22.2	iS	Sn	18 04 59.1	+0.7
TLIG	Tapla	4.73 294	Pn	Pn	18 03 29.1	+0.8
TLIG	Tapla	4.73 294	eP	Pn	18 03 29.9	+1.6
TLIG	Tapla	18 04 18.5	eS	Sn	18 04 18.5	-3.5
TLIG	Tapla	4.73 294	iP	Pn	18 03 29.9	+1.6
TLIG	Tapla	18 04 23.2	iS	Sn	18 05 05.7	+1.2
TLIG	Tapla	18 04 23.2	IAML	Sn	18 05 05.7	+1.2
CEDA	San Andres	4.87 111	iS	Sn	18 03 28.2	+2.9
JAYA	Jayaque - finc	4.88 113	eP	Pn	18 03 31.1	+0.7
JAYA	Jayaque - finc	18 04 30.1	IAML	Sn	18 04 30.1	+0.7
JAYA	Jayaque - finc	4.88 113	iP	Pn	18 03 30.9	+0.5
JAYA	Jayaque - finc	18 04 27.4	iS	Sn	18 04 27.4	+1.7
JAYA	Jayaque - finc	18 04 28.1	IAML	Sn	18 04 28.1	+1.7
QUEZ	Alcaldia de Qu	4.96 111	iP	Pn	18 03 36.0	+4.5
QUEZ	Alcaldia de Qu	18 04 31.2	iS	Sn	18 04 31.2	+3.5
QUEZ	Alcaldia de Qu	18 05 12.4	IAML	Sn	18 05 12.4	+3.5
PMON	Piamonte	4.97 112	eP	Pn	18 03 33.6	+2.0
PMON	Piamonte	4.97 112	iP	Pn	18 03 33.2	+2.0
PMON	Piamonte	18 04 29.7	iS	Sn	18 04 29.7	+1.7
PMON	Piamonte	18 04 41.4	IAML	Sn	18 04 41.4	+1.7
CRIG	Cruz Grande	5.00 283	Pn	Pn	18 03 31.7	-0.1
CRIG	Cruz Grande	18 03 31.7	eS	Sn	18 03 31.7	-0.1
CRIG	Cruz Grande	5.00 283	eP	Pn	18 03 20.6	-7.8
CRIG	Cruz Grande	18 03 36.5	eS	Sn	18 03 36.5	+4.2
PIC2	El Picacho	5.01 112	eP	Pn	18 03 35.4	+3.1
ITCA	Escuela Especi	5.02 112	iP	Pn	18 04 31.6	+2.5
ITCA	Escuela Especi	18 04 50.8	IAML	Sn	18 04 50.8	+2.5
UEES	Universidad Ev	5.04 112	iP	Pn	18 03 34.8	+2.3
UEES	Universidad Ev	18 04 31.9	iS	Sn	18 04 34.6	+2.3
UEES	Universidad Ev	18 04 34.6	IAML	Sn	18 04 34.6	+2.3
SNET	Serv Nac Est T	5.06 112	Pn	Pn	18 03 32.5	-0.3
SNET	Serv Nac Est T	5.06 112	iP	Pn	18 03 35.1	+2.3
SNET	Serv Nac Est T	18 04 32.3	iS	Sn	18 04 32.3	+2.3
SNET	Serv Nac Est T	18 04 43.8	IAML	Sn	18 04 43.8	+2.3
LALI	Alcalda de L	5.06 114	eP	Pn	18 03 34.1	+1.4
LALI	Alcalda de L	5.06 114	iP	Pn	18 03 34.4	+1.7
LALI	Alcalda de L	18 03 39.1	IAML	Sn	18 03 39.1	+1.7
LALI	Alcalda de L	18 04 31.0	iS	Sn	18 04 31.0	+1.1
UTEC	Universidad Te	5.08 112	iP	Pn	18 03 36.0	+2.9
UTEC	Universidad Te	18 04 32.5	iS	Sn	18 04 32.5	+2.0
UTEC	Universidad Te	18 04 56.1	IAML	Sn	18 04 56.1	+2.0
IGN	Direccin Gen	5.10 111	iP	Pn	18 03 35.6	+2.2
IGN	Direccin Gen	18 03 59.4	IvM_BB	Sn	18 03 59.4	+2.2
IGN	Direccin Gen	18 04 12.1	IAML	Sn	18 04 12.1	+2.2
IGN	Direccin Gen	18 04 34.0	iS	Sn	18 04 34.0	+2.9
UBDS	Universidad Do	5.12 111	iP	Pn	18 03 35.8	+2.3
UBDS	Universidad Do	18 04 34.4	iS	Sn	18 04 34.4	+3.0
UBDS	Universidad Do	18 04 39.1	IAML	Sn	18 04 39.1	+3.0
LOMA	Loma Larga	5.13 112	eP	Pn	18 03 35.8	+2.0
LOMA	Loma Larga	5.13 112	iP	Pn	18 03 35.9	+2.1
LOMA	Loma Larga	18 04 34.1	iS	Sn	18 04 34.1	+2.3
LOMA	Loma Larga	18 04 38.0	IAML	Sn	18 04 38.0	+2.3
PANCS	Alcalda de	5.13 113	iP	Pn	18 03 35.4	+1.6
PANCS	Alcalda de	18 03 42.8	IAML	Sn	18 03 42.8	+1.6
PANCS	Alcalda de	18 04 32.5	iS	Sn	18 04 32.5	+0.7
LFRS	El Faro	5.23 112	eP	Pn	18 03 37.7	+2.5
IZABA	Izabal, Puerto	5.27 88	eS	Sn	18 03 31.2	-3.8
IZABA	Izabal, Puerto	5.27 88	iP	Pn	18 03 36.0	+0.4
IZABA	Izabal, Puerto	18 04 33.1	iS	Sn	18 05 01.8	-1.9
IZABA	Izabal, Puerto	18 05 01.8	IAML	Sn	18 05 01.8	-1.9
PAVA	Las Pavas	5.31 111	eP	Pn	18 03 37.1	+0.9
PAVA	Las Pavas	5.31 111	iP	Pn	18 03 37.0	+0.7
PAVA	Las Pavas	18 04 39.1	iS	Sn	18 04 39.1	+2.8
PAVA	Las Pavas	18 05 15.3	IAML	Sn	18 05 15.3	+2.8
COEG	Centro de Oper	5.40 111	eP	Pn	18 03 41.0	+3.5
COEG	Centro de Oper	5.40 111	iP	Pn	18 03 39.4	+2.0
COEG	Centro de Oper	18 03 46.2	IAML	Sn	18 03 46.2	+2.0
COEG	Centro de Oper	18 04 41.5	iS	Sn	18 04 41.5	+3.2
PBCV	Popocatepetl	5.43 308	eP	Pn	18 03 39.5	+1.4
PBCV	Popocatepetl	18 04 34.4	eS	Sn	18 04 34.4	-5.1
TECO	Alcaldia de Te	5.52 112	iP	Pn	18 03 41.2	+2.2
TECO	Alcaldia de Te	18 03 52.4	IvM_BB	Sn	18 03 52.4	+2.2
TECO	Alcaldia de Te	18 04 43.6	iS	Sn	18 04 43.6	+2.4
TECO	Alcaldia de Te	18 04 48.8	IAML	Sn	18 04 48.8	+2.4
PBPn	Popocatepetl	5.52 308	eP	Pn	18 03 42.7	+3.2
PBPn	Popocatepetl	18 04 42.3	eS	Sn	18 04 42.3	+0.4
PBPn	Popocatepetl	5.52 308	eS	Sn	18 04 43.7	+1.8
PBPn	Popocatepetl	18 03 42.9	iS	Sn	18 03 42.9	+3.3
PPM	Popocatepetl	5.54 309	eP	Pn	18 04 42.0	-0.2
PPM	Popocatepetl	18 03 42.9	eS	Sn	18 03 42.9	+3.3
PPM	Popocatepetl	18 04 42.0	iS	Sn	18 04 42.0	-0.2
PPM	Popocatepetl	18 03 39.5	eS	Sn	18 03 39.5	+0.1
DAIG	Los Arroyos	5.54 285	Pn	Pn	18 03 39.5	+0.1
DAIG	Los Arroyos	18 04 34.0	eS	Sn	18 04 34.0	-7.8
DAIG	Los Arroyos	5.54 285	iP	Pn	18 03 40.9	+0.4
DAIG	Los Arroyos	18 04 40.3	eS	Sn	18 03 40.9	+0.4
YAIG	Yautepec	5.76 304	eP	Pn	18 04 42.7	-4.5
YAIG	Yautepec	5.76 304	iP	Pn	18 03 44.9	+2.5
YAIG	Yautepec	18 04 42.7	eS	Sn	18 04 42.7	-4.5
YAIG	Yautepec	18 03 44.7	iS	Sn	18 03 44.7	+1.9
MEIG	Mezcala	5.79 294	eP	Pn	18 04 41.9	-6.0
MEIG	Mezcala	5.79 294	iP	Pn	18 03 44.7	+1.9
MEIG	Mezcala	18 04 41.9	eS	Sn	18 04 41.9	-6.0
MEIG	Mezcala	18 03 44.7	iS	Sn	18 03 44.7	+1.9
PLIG	Platanillo	5.88 298	eP	Pn	18 03 46.4	+2.4
PLIG	Platanillo	5.88 298	iP	Pn	18 04 41.8	-8.4
PLIG	Platanillo	18 03 46.4	eS	Sn	18 03 46.4	+2.4
PLIG	Platanillo	18 03 41.8	iS	Sn	18 03 41.8	-8.4
THVM	De Xico	5.94 309	eP	Pn	18 03 47.9	+2.9
THVM	De Xico	18 04 54.4	eS	Sn	18 04 54.4	+2.6
THVM	De Xico	5.98 310	eP	Pn	18 03 49.8	+4.3
THVM	De Xico	18 04 49.3	iS	Sn	18 04 49.3	-3.4
THVM	De Xico	18 03 50.2	eS	Sn	18 03 50.2	+4.2
XVCM	Xochimilco	6.02 307	eP	Pn	18 04 50.1	-3.5
XVCM	Xochimilco	6.02 307	iP	Pn	18 03 48.8	+2.7
XVCM	Xochimilco	18 04 57.2	eS	Sn	18 04 57.2	+3.3
VTVM	Tizayuca	6.09 313	eP	Pn	18 03 50.2	+3.2
VTVM	Tizayuca	18 04 54.1	iS	Sn	18 04 54.1	-1.3
VTVM	Tizayuca	6.09 313	eS	Sn	18 03 48.8	+1.6
VTVM	Tizayuca	18 03 48.8	iS	Sn	18 03 48.8	+1.6
COVM	Coyoacan	6.11 308	eP	Pn	18 03 48.8	+1.9
COVM	Coyoacan	18 03 48.8	eS	Sn	18 03 48.8	+1.9
COVM	Coyoacan	6.11 309	eP	Pn	18 05 02.4	+7.0
COVM	Coyoacan	18 05 02.4	eS	Sn	18 05 02.4	+7.0
PBVM	Pinon	6.11 309	eP	Pn	18 03 45.8	-1.5
PBVM	Pinon	18 03 45.8	eS	Sn	18 03 45.8	-1.5
PBVM	Pinon	6.11 308	Pn	Pn	18 03 48.4	+1.1
PBVM	Pinon	18 03 48.4	iS	Sn	18 03 48.4	+1.1
UNM	Universidad Na	6.11 308	Pn	Pn	18 04 55.8	-0.1
UNM	Universidad Na	18 05 00.9	eS	Sn	18 05 00.9	+4.9
UNM	Universidad Na	6.11 309	Pn	Pn	18 03 47.6	+0.4
UNM	Universidad Na	6.12 284	Pn	Pn	18 04 46.6	-9.3
UNM	Universidad Na	6.12 284	iP	Pn	18 03 47.6	+0.4
UNM	Universidad Na	18 04 46.6	eS	Sn	18 04 46.6	-9.3
UNM	Universidad Na	6.13 308	eP	Pn	18 04 53.0	-3.4
UNM	Universidad Na	6.13 308	eS	Sn	18 03 50.2	+2.4
UNM	Universidad Na	6.15 303	eP	Pn	18 03 50.2	+2.4
UNM	Universidad Na	18 04 56.7	eS	Sn	18 04 56.7	-0.1

MAVM	Malnainco, Edo	6.15 303	eP	Pn	18 03 50.2	+2.4
MAVM	Malnainco, Edo	18 04 56.7	eS	Sn	18 04 56.7	-0.1
MHVM	Bosque de Chap	6.18 308	eP	Pn	18 03 52.6	+4.3
MHVM	Bosque de Chap	18 04 58.6	eS	Sn	18 04 58.6	+1.0
MHVM	Bosque de Chap	6.18 306	eP	Pn	18 03 52.5	+4.0
MHVM	Bosque de Chap	18 03 54.0	eS	Sn	18 03 54.0	-4.1
APVM	Azapoptalco	6.23 309	eP	Pn	18 04 53.4	-5.3
INVM	La Marquesa	6.25 306	eP	Pn	18 03 51.6	+2.4
INVM	La Marquesa	18 04 57.4	eS	Sn	18 04 57.4	-2.0
CNCH	Conchagua	6.47 111	eP	Pn	18 03 56.7	+4.6
TOVM	Toluca	6.47 305	eP	Pn	18 03 54.4	+2.1
TOVM	Toluca	18 03 54.0	eS	Sn	18 03 54.0	-4.1
TOVM	Toluca	6.47 305	eP	Pn	18 03 54.4	+2.1
TOVM	Toluca	18 05 08.2	eS	Sn	18 05 08.2	+3.3
ARIG	Puente Sto Nin	6.57 294	eP	Pn	18 03 55.9	+2.6
ARIG	Puente Sto Nin	18 05 03.5	eS	Sn	18 05 03.5	-3.3
ARIG	Puente Sto Nin	6.57 294	eP	Pn	18 03 55.9	+2.6
ARIG	Puente Sto Nin	18 05 03.5	eS	Sn	18 05 03.5	-3.3
DEIG	Demacu	6.63 315	eP	Pn	18 03 56.5	+2.2
DEIG	Demacu	18 05 03.5	eS	Sn	18 05 03.5	-3.2
DHIG	Demacu	6.63 315	eP	Pn	18 03 56.5	+2.2
DHIG	Demacu	18 05 03.5	eS	Sn	18 05 03.5	-3.2
MYIG	Mrida	6.69 371	eP	Pn	18 05 53.2	-1.7
MYIG	Mrida	18 05 03.5	eS	Sn	18 05 03.5	-6.1
TGUH	Tequicpalpa,Un	6.75 103	Pn	Pn	18 03 53.6	-2.3
TGUH	Tequicpalpa,Un	6.75 103	iP	Pn	18 03 56.7	+0.9
TGUH	Tequicpalpa,Un	18 05 13.9	IAML	Sn	18 05 13.9	+0.9
ACIG	Acambay	7.03 309	eP	Pn	18 04 02.3	+2.6
ACIG	Acambay	18 05 19.2	eS	Sn	18 05 19.2	+1.0
ACIG	Acambay	7.03 309	eP	Pn	18 04 02.3	+2.6
ACIG	Acambay	18 05 19.2	eS	Sn	18 05 19.2	+1.0
CTUV	Llano Grande	7.09 326	eP	Pn	18 04 00.1	-0.2
CTUV	Llano Grande	18 03 58.9	eS	Sn	18 03 58.9	-2.2
TEIG	Tepeich	7.14 50	Pn	Pn	18 03 58.6	-2.5
TEIG	Tepeich	7.14 50	eP	Pn	18 03 58.6	-2.5
TEIG	Tepeich	18 05 15.9	LR	LR	18 05 15.9	-4.8
TEIG	Tepeich	18 05 15.9	LR	LR	18 05 15.9	-4.8
YUSH	Yuscaran	7.18 103	eP	Pn	18 04 01.6	-0.1
ZIG	Zihuatanejo	7.37 286	eP	Pn	18 04 05.7	+1.5
ZIG	Zihuatanejo	18 05 19.6	eS	Sn	18 05 19.6	-6.7
ZIG	Zihuatanejo	7.37 286	eP	Pn	18 04 05.7	+1.5
ZIG	Zihuatanejo	18 05 19.6	eS	Sn	18 05 19.6	-6.7
CRIN						

26d 18h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Cooke Peak, Signal Mountain, Smith Brothers, Waverly, Poplar Bluff, etc.

2018 JUN

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Lafayette, Bidwell, Glamis, Williamsport, Marlinton, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Santa Barbara, Cottonwood Cre, Mcherson Peak, etc.

26d 18h

Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like D27M Malcolm River, PLTB Pedras Altas, BMAR Burnt Mountain, etc.

2018 JUN

Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like TOLK Toolik Lake Re, P16K Nushagak River, N17K Nushagak Hills, etc.

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Table with columns: ID, Name, Value, Unit, Direction, Date, Time, etc. Includes entries like C19K Lookout Ridge, J14K Nanvaranak Lak, J14K Nanvaranak Lak, etc.

PBAR	Barrancos	78.20	54	eP	P	18 14 08.1 -1.5
HLM1	Long Mynd	78.46	39	eP	I Amb	18 14 10.4 -0.4
HLM1				I Amb	I Amb	18 14 11.4
EDMD	comp-Z,22nm,0.9s					
EDMD	Edmunds	78.57	36	eP	P	18 14 11.6 +0.3
EDMD				I Amb	I Amb	18 14 12.4
MONM	Monmouth	78.63	39	eP	P	18 14 11.3 -0.4
MONM				I Amb	I Amb	18 14 12.4
SHEM	Shemya Is, Ala	78.82	322	LR	LR	18 47 27.0
SPA0	Spitsbergen Ar	78.88	11	eP	P	18 14 14.1 +1.5
SPA0				I Amb	I Amb	18 14 14.8
SPITS	Spitsbergen Ar	78.88	11	P	P	18 14 13.8 +1.2
SPITS				LR	LR	18 51 04.3
SPITS	comp-Z,197nm,21.5s,baz=270,slow=37					
SPB2	Spitsbergen Ar	78.88	11	I Amb	I Amb	18 14 15.0
SPB2				I Amb	I Amb	18 14 15.0
LBWR	Ladybowyer, Pea	78.98	38	eP	P	18 14 13.8 +0.3
LBWR				I Amb	I Amb	18 14 15.4
HSPB	Hornsund (broa	79.17	13	ePKP	P	18 14 16.3 +2.1
BILL	Bilibino	79.20	338	eP	I Amb	18 14 14.8 +0.3
BILL				I Amb	I Amb	18 14 39.5
BILL	Bilibino	79.20	338	eP	P	18 14 15.9 +1.4
BILL				i	i	18 14 19.7
BILL				e	e	18 14 37.8 +0.5
BILL				e	e	18 17 18.1
BILL				e	e	18 19 01.8
BILL				e	e	18 24 52.3
BILL				pmax	pmax	
BILL	comp-Z,26nm,1.7s			MLR	MLR	
GDLE	Glaiddale, N Y	79.30	36	eP	P	18 14 15.6 +0.3
PAB	San Pablo	80.00	52	eP	P	18 14 18.2 -1.3
PAB	San Pablo	80.00	52	eP	P	18 14 20.4 +0.9
ESDC	Sonsec Array	80.26	52	eP	P	18 14 19.7 -1.1
ESDC				LR	LR	18 47 56.3
ESDC	comp-Z,5.5nm,0.9s,baz=285,slow=4.4,SNR=25					
WACR	West Acre	80.51	38	eP	P	18 14 21.7 -0.1
WACR				I Amb	I Amb	18 14 25.5
FOO	Flo	80.65	29	eP	P	18 14 23.6 +1.2
FOO				I Amb	I Amb	18 14 24.1
SUE	Sulen	80.66	29	eP	P	18 14 23.8 +1.4
SUE				I Amb	I Amb	18 14 23.9
BER	Bergen	81.11	30	eP	P	18 14 26.0 +1.1
BER				I Amb	I Amb	18 14 26.8
MDT	Midelt	81.24	58	LR	LR	18 45 31.6
MDT				LR	LR	18 47 27.1 +1.2
HYA	Hoyanger	81.30	29	eP	P	18 14 27.7 +1.2
HYA				I Amb	I Amb	18 14 28.8
HOPEN	Hopen	81.34	12	eP	P	18 14 28.2 +2.4
HOPEN				I Amb	I Amb	18 14 28.8
KMY	Karmoy	81.39	31	eP	P	18 14 26.3 -0.1
KMY				I Amb	I Amb	18 14 27.3
ODD1	Odda	81.87	30	eP	P	18 14 30.5 +1.5
ODD1				I Amb	I Amb	18 14 31.0
DOMB	Dombas	82.34	28	eP	P	18 14 32.8 +1.4
DOMB				I Amb	I Amb	18 14 33.6
SKAR	Skarslia	82.43	29	eP	P	18 14 33.0 +1.1
SKAR				I Amb	I Amb	18 14 33.9
KONS	Konsvik	82.45	23	eP	P	18 14 34.0 +2.2
KONS				I Amb	I Amb	18 14 34.2
SNART	Snartemo	82.62	31	eP	P	18 14 34.1 +1.3
SNART				I Amb	I Amb	18 14 34.7
STEI	Steigen	82.66	21	eP	P	18 14 33.6 +0.8
STEI				I Amb	I Amb	18 14 35.2
CLF	Chambon-Foret	82.68	42	I Amb	I Amb	18 14 34.8
NSS	Namsos	82.72	25	eP	P	18 14 34.6 +1.3
NSS				I Amb	I Amb	18 14 35.2
FAUS	Fauske	82.89	22	eP	P	18 14 35.9 +1.8
MOR8	Moi Rana	83.07	23	eP	P	18 14 36.9 +1.9
MOR8				I Amb	I Amb	18 14 37.6
HOMB	Homborsund	83.29	31	eP	P	18 14 37.6 +1.3
HOMB				I Amb	I Amb	18 14 38.4
NC204	NORSAR Array S	83.36	28	I Amb	I Amb	18 14 39.0
NC204				I Amb	I Amb	18 14 39.0
PMSA	Palmer Station	83.37	168	LR	LR	18 42 13.7
PMSA				LR	LR	18 47 37.5 +0.8
KONO	Kongsberg	83.38	30	eP	P	18 14 37.3 +0.8
KONO				I Amb	I Amb	18 14 39.5
KONO	Kongsberg	83.38	30	eP	P	18 14 38.3 +1.6
KONO				I Amb	I Amb	18 14 39.0
KONO	Kongsberg	83.38	30	P	P	18 14 39.1 +2.4
CEST	Estერი de Car	83.40	48	I Amb	I Amb	18 14 39.0
DOU	Dourbes	83.59	40	dP	P	18 14 37.8 -0.2
DOU				dP	dP	18 14 41.7 -0.4
DOU				dP	dP	18 14 59.2 -1.7
BMRD	Maredsous	83.64	40	dP	P	18 14 38.8 +0.5
NB2	NORSAR Subarra	83.65	28	P	P	18 14 39.4 +1.2
NB2				P	P	18 14 39.4 +1.2
NB2	comp-Z,82nm,0.8s,baz=291,slow=5.3					
NOA	NORSAR Array B	83.65	28	P	P	18 14 39.4 +1.2
NOA				LR	LR	18 52 38.9
NOA	comp-Z,63nm,1.8.1s,baz=285,slow=36					
NOA	NORSAR Array B	83.65	28	eP	P	18 14 39.6 +1.4
NOA				pmax	pmax	
BGES	Gesves	83.81	39	dP	P	18 14 38.7 -0.5
OSL	Oslo	83.81	29	eP	P	18 14 40.8 +1.9
OSL				I Amb	I Amb	18 14 42.1
NC602	NORSAR Array S	83.91	28	I Amb	I Amb	18 14 42.2
NC602				I Amb	I Amb	18 14 42.3
NC602	NORSAR Array S	83.91	28	eP	P	18 14 41.0
NC602				I Amb	I Amb	18 14 42.0
BCLA	Clavier	83.93	39	dP	P	18 14 39.6 -0.1
RCHB	Rochefort	83.96	40	dP	P	18 14 40.0 +0.1
BSTI	Sart Tilman	84.04	39	dP	P	18 14 41.1 +0.8
MUD	Monsted Ugrnd	84.23	33	iP	P	18 14 39.6 -1.5
MUD				I Amb	I Amb	18 14 43.8
MEM	Membach	84.30	39	dP	P	18 14 42.3 +0.6
MEM				dP	dP	18 15 01.2 -3.4
BHOU	Houvezneq	84.38	39	dP	P	18 14 42.5 +0.4
BTNL	Ternel	84.38	39	dP	P	18 14 42.7 +0.6
WLF	Walferdange	84.68	40	I Amb	I Amb	18 14 46.4
WLF				I Amb	I Amb	18 14 46.4
WLF	Walferdange	84.68	40	dP	P	18 14 43.9 +0.3
WLF				dP	dP	18 14 44.3 +0.7
WLF	comp-Z,43nm,0.9s					
WLF	Walferdange	84.68	40	dP	P	18 14 43.9 +0.3
WLF				dP	dP	18 14 44.3 +0.7
KTK1	Kautokeino	84.79	19	eP	P	18 14 44.6 +0.9
KTK1				I Amb	I Amb	18 14 46.4
BUG	Bochum-Univer	84.80	38	eP	P	18 14 44.9 +0.7
BUG				P	P	18 14 46.4
BUG	comp-Z,24nm,1.0s,baz=290,slow=4.8					

IBBN	Ibbenburen	84.81	37	eP	P	18 14 45.1 +0.9
IBBN				P	P	18 14 45.1 +0.9
SSB	Saint Sauveur	84.95	44	I Amb	I Amb	18 14 46.2
AHRW	Bad Neuenahr-A	84.97	39	eP	P	18 14 45.6 +0.6
AHRW				P	P	18 14 45.6 +0.6
HFS	Hagfors	85.12	29	P	P	18 14 46.1 +0.6
HFS				LR	LR	18 52 50.4
HFS	comp-Z,34nm,0.8s,baz=241,slow=3.1,SNR=51					
ARCES	ARCESS Array B	85.20	18	P	P	18 14 46.3 +0.5
ARCES				I Amb	I Amb	18 14 48.5
ARCES	comp-Z,23nm,0.7s					
ARCES	ARCESS Array B	85.20	18	P	P	18 14 46.5 +0.7
ARCES				LR	LR	18 54 31.8
ARCES	comp-Z,204nm,18.9s,baz=300,slow=37					
ARCES	comp-Z,21nm,0.5s					
KEV	Kevo	85.52	17	P	P	18 14 47.1 -0.2
KEV				P	P	18 14 47.1 -0.2
KEV				pmax	pmax	
KASTN	Kahler Asten	85.56	38	eP	P	18 14 48.5 +0.5
KASTN				pmax	pmax	
BSEG	Bad Segeberg	85.72	35	eP	P	18 14 49.6 +1.0
BSEG				P	P	18 14 49.6 +1.0
ECH	Echternach	85.76	41	I Amb	I Amb	18 14 50.5
ECH				I Amb	I Amb	18 14 50.5
TNS	Taunus Mts	85.91	39	eP	P	18 14 50.2 +0.5
TNS				P	P	18 14 50.2 +0.5
NRDL	Niedersach Rie	86.11	36	eP	P	18 14 51.3 +0.8
NRDL				P	P	18 14 51.3 +0.8
COP	Copenhagen	86.22	33	I Amb	I Amb	18 14 45.8
COP				I Amb	I Amb	18 14 45.8
MAHO	Mahon	86.33	50	I Amb	I Amb	18 14 53.1
MAHO				I Amb	I Amb	18 14 53.1
GTGG	Gottingen	86.36	37	eP	P	18 14 52.3 +0.5
GTGG				P	P	18 14 52.3 +0.5
BNI	Bardonecchia	86.45	44	P	P	18 14 52.1 -0.6
BNI				I Amb	I Amb	18 14 54.7
BNI	comp-Z,43nm,1.2s					
BNI	Bardonecchia	86.45	44	P	P	18 14 52.1 -0.6
BNI				pmax	pmax	
BFO	Black Forest	86.46	41	P	P	18 14 51.5 -1.0
BFO				I Amb	I Amb	18 14 53.6
BFO	Black Forest	86.46	41	P	P	18 14 51.5 -1.0
BFO				pmax	pmax	
BFO	Black Forest	86.46	41	P	P	18 14 52.4 -0.1
BFO				pmax	pmax	
CLZ	Clausthal	86.49	37	eP	P	18 14 53.2 +0.6
CLZ				P	P	18 14 53.2 +0.6
UBBA	Unterbreizbach	86.63	38	eP	P	18 14 53.6 +0.5
UBBA				P	P	18 14 53.6 +0.5
FLTG	Flechtingen	86.81	36	eP	P	18 14 54.8 +0.8
FLTG				P	P	18 14 54.8 +0.8
STU	Stuttgart	86.86	40	eP	P	18 14 54.3 0.0
STU				P	P	18 14 54.3 0.0
TIC	Toumoudi	87.31	84	iP	P	18 14 56.2 -1.1
TIC				P	P	18 14 56.2 -1.1
LIC	Lamto	87.41	84	iP	P	18 14 56.6 -1.1
LIC				P	P	18 14 56.6 -1.1
DBIC	Dimbokro	87.46	84	P	P	18 14 56.4 -1.5
DBIC				P	P	18 48 46.8
DBIC	comp-Z,7.0nm,0.8s,baz=219,slow=5.6,SNR=4.3					
DBIC	comp-Z,106nm,21.3s,baz=276,slow=32					
DBIC	comp-Z,7.0nm,0.8s					
NEUB	Neuenburg	87.54	37	eP	P	18 14 58.4 +0.8
NEUB				P	P	18 14 57.7 -1.2
KIC	Kosan Boka	87.65	84	iP	P	18 14 58.7 +0.5
KIC				P	P	18 14 58.7 +0.5
MOX	Moxa	87.65	38	eP	P	18 14 56.9 -1.3
MOX				P	P	18 25 27.8 -5.5
PET	Petropavlovsk	87.67	325	eP	S	18 14 56.9 -1.3
PET				S	S	18 25 27.8 -5.5
BSD	Bornholm Skovb	87.74	33	eP	P	18 14 58.6 +0.2
BSD				I Amb	I Amb	18 15 00.9
TUE	Tuetta	87.75	42	P	P	18 14 59.1 +0.1
TUE				P	P	18 14 59.1 +0.1
GRFO	Grafenberg	87.77	39	P	P	18 14 58.5 -0.3
GRFO				I Amb	I Amb	18 15 01.1
GRFO	comp-Z,38nm,1.0s					
GRFO	Grafenberg	87.77	39	P	P	18 14 58.5 -0.3
GRFO				pmax	pmax	
GRA1	Grafenberg Arr	87.77	39	I Amb	I Amb	18 15 01.2
GRA1				I Amb	I Amb	18 15 01.2
GRF	Grafenberg Arr	87.77	39	eP	P	18 14 59.2 +0.4
GRF				P	P	18 14 59.2 +0.4
DAVA	Damules	87.80	41	iP	P	18 14 59.7 +0.5
DAVA				P	P	18 14 59.7 +0.5
UBR	Ueberurr	87.81	41	eP	P	18 14 58.9 -0.2
UBR				P	P	18 15 00.3 +0.2

26 18h

Table of astronomical observations for 26 18h, listing stations like OKC, TOR, ZST, etc., and objects like Ostrava-Krasne, Bratislava, etc., with associated coordinates and magnitudes.

2018 JUN

Table of astronomical observations for 2018 JUN, listing stations like OBN, ZSU, etc., and objects like Obninsk, Soroca, etc., with associated coordinates and magnitudes.

1530

Table of astronomical observations for 1530, listing stations like MSFV, NIUE, etc., and objects like Nonsavu, Niue, etc., with associated coordinates and magnitudes.

Table of astronomical observations for 1530, listing stations like SRF, SRS, etc., and objects like Serrai, Serrai, etc., with associated coordinates and magnitudes.

26/21h

Table of astronomical observations for 26/21h, listing stations like DAVOX, GURO, TUE, etc., with columns for object name, coordinates, and observation details.

2018 JUN

Table of astronomical observations for 2018 JUN, listing stations like OBN, DEL, FABU, etc., with columns for object name, coordinates, and observation details.

1536

Table of astronomical observations for 1536, listing stations like E19K, USRK, I28M, etc., with columns for object name, coordinates, and observation details.

JYNG	baz=253	Yonagunijimaku	0.68 62 P	Pn	21 23 49.1 +0.7	TNOU	baz=345	Wufeng	eS	Sn	21 24 08.0 -0.4	WYL	Yuanlin Townsh	1.57 264 eP	Pn	21 24 02.9 +2.4		
JYNG	baz=253	Yonagunijimaku	0.68 62 P	Pn	21 23 59.1 +1.1	ECBN	baz=345	Changbin	1.12 223 P	Pn	21 23 54.7 +0.5	WYL	baz=262		eS	Sn	21 24 22.6 +3.0	
TEYL	baz=239	Yanliu Villag	0.68 247 P	Pn	21 23 48.6 +0.2	ECBN	baz=212		eS	Sn	21 24 08.6 +0.1	JKRS	baz=262	Kuro-shima	1.58 86 P	Pn	21 24 02.3 +1.7	
TEYL	baz=239	Yanliu Villag	0.68 247 P	Pn	21 23 48.6 +0.2	TAP	baz=322	Taipei	1.15 322 eP	Pn	21 23 56.0 +1.3	JKRS	baz=262	Kuro-shima	1.58 86 P	Sn	21 24 21.7 +1.9	
NDS	baz=239	Dongshan	0.72 314 P	Pn	21 23 49.4 +0.5	TAP	baz=322	Taipei	1.15 322 eP	Pn	21 23 56.0 +1.3	LONT	baz=220	Longtian	1.62 221 eP	Pn	21 24 01.4 +0.3	
NDS	baz=239	Dongshan	0.72 314 P	Pn	21 23 49.4 +0.5	TAP	baz=322	Taipei	1.15 322 eP	Pn	21 23 56.0 +1.3	LDUT	baz=206	Ludao	1.64 207 eP	Pn	21 24 01.1 -0.2	
NDS	baz=313			S	Sn	21 23 59.3 +0.4	BACT	baz=322	New Taipei Cit	1.15 318 eP	Sn	21 23 56.5 +1.8	LDUT	baz=206	Ludao	1.64 207 eP	Sn	21 24 19.9 -1.3
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 50.0 +0.9	YULB	baz=318	Yuli	1.17 231 P	Pn	21 23 55.1 +0.1	WKG	baz=206	Gukeng	1.64 255 eP	Pn	21 24 04.1 +2.7	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 49.7 +0.6	YULB	baz=318	Yuli	1.17 231 P	Pn	21 23 55.1 +0.1	WDLH	baz=253	Douliu	1.66 255 eP	Pn	21 24 03.9 +2.3	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 59.8 +0.5	YULB	baz=318	Yuli	1.17 231 P	Pn	21 23 55.2 +0.2	STYH	baz=234	Taoyuan	1.68 236 P	Pn	21 24 03.5 +1.5	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 50.0 +0.9	YULB	baz=318	Yuli	1.17 231 P	Pn	21 23 55.2 +0.2	STYH	baz=234	Taoyuan	1.68 236 P	Sn	21 24 24.4 +2.0	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 60.0 +0.7	YULB	baz=318	Yuli	1.17 231 P	Pn	21 23 55.3 +1.2	STYH	baz=234	Taoyuan	1.68 236 P	Sn	21 24 04.6 +2.5	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 23 50.1 +0.9	NFF	baz=294	Townshi	1.18 295 P	Pn	21 24 12.9 +2.9	WCKO	baz=244	Fanlu	1.69 246 eP	Sn	21 24 25.3 +2.8	
YOJ	baz=65	Yonaguni jima	0.74 64 P	Pn	21 24 00.1 +0.7	NFF	baz=294	Townshi	1.18 295 P	Pn	21 24 12.9 +2.9	WCKO	baz=244	Fanlu	1.69 246 eP	Sn	21 24 04.0 +1.6	
ETM	baz=251	Tongmen	0.74 257 P	Pn	21 23 49.3 +0.1	NFF	baz=294	Townshi	1.18 295 P	Pn	21 24 12.9 +2.9	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 23.9 +1.0	
ETM	baz=251	Tongmen	0.74 257 P	Pn	21 23 49.3 +0.1	WFW1	baz=294	Wufeng	1.18 229 eP	Pn	21 23 55.9 +0.8	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 03.3 +1.0	
SHUL	baz=236	Shoufeng	0.74 243 P	Pn	21 23 49.7 +0.5	WFW1	baz=294	Wufeng	1.18 229 eP	Pn	21 23 55.9 +0.8	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 23.3 +0.2	
SHUL	baz=236	Shoufeng	0.74 243 P	Pn	21 23 49.7 +0.5	WFW1	baz=294	Wufeng	1.18 229 eP	Pn	21 23 55.9 +0.8	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 02.8 +0.3	
SHUL	baz=236	Shoufeng	0.74 243 P	Pn	21 24 00.4 +0.9	WFW1	baz=294	Wufeng	1.18 229 eP	Pn	21 23 55.9 +0.8	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 02.5 +0.1	
EGS	baz=337		0.78 336 P	Pn	21 23 50.3 +0.6	WFW1	baz=294	Wufeng	1.18 229 eP	Pn	21 23 55.9 +0.8	STYT	baz=234	Taoyuan	1.70 236 P	Sn	21 24 22.6 -0.6	
EGS	baz=337		0.78 336 P	Pn	21 24 00.2 0.0	YMO1	baz=340	YMO1	1.20 327 eP	Sn	21 24 10.6 0.0	JJIJ	baz=234	Ishigaki jima	1.71 82 P	Sn	21 24 03.3 +1.0	
ILA	baz=337	ilan	0.80 322 eP	Pn	21 23 50.8 +0.8	YMO1	baz=340	YMO1	1.20 327 eP	Sn	21 24 10.6 0.0	JJIJ	baz=234	Ishigaki jima	1.71 82 P	Sn	21 24 23.3 +0.2	
ILA	baz=337	ilan	0.80 322 eP	Pn	21 24 01.7 +1.0	NWRT	baz=332	Kuosheng	1.21 332 eP	Pn	21 23 57.1 +1.6	TWGBT	baz=227	Beinan	1.71 220 P	Sn	21 24 02.8 +0.3	
ILA	baz=337	ilan	0.80 322 eP	Pn	21 24 01.7 +1.0	NWRT	baz=332	Kuosheng	1.21 332 eP	Pn	21 23 57.1 +1.6	TWGBT	baz=227	Beinan	1.71 220 P	Sn	21 24 22.5 +0.1	
LATG	baz=322	Datong	0.80 300 P	Pn	21 23 50.5 +0.4	WPL	baz=263	Puli Township	1.22 265 eP	Pn	21 23 56.7 +1.1	TWGT	baz=227	Pinlang	1.72 221 eP	Pn	21 24 02.3 -0.2	
LATG	baz=322	Datong	0.80 300 P	Pn	21 24 01.0 0.0	WPL	baz=263	Puli Township	1.22 265 eP	Pn	21 23 56.7 +1.1	TWGT	baz=227	Pinlang	1.72 221 eP	Pn	21 24 02.5 0.0	
LXIB	baz=299	Xiulin Townshi	0.80 262 P	Pn	21 23 50.3 +0.1	WHP	baz=341	Taichung City	1.23 277 eP	Pn	21 23 57.6 +1.7	TWGT	baz=227	Pinlang	1.72 221 eP	Sn	21 24 21.9 -1.3	
LXIB	baz=299	Xiulin Townshi	0.80 262 P	Pn	21 23 50.3 +0.1	WHP	baz=341	Taichung City	1.23 277 eP	Pn	21 23 57.6 +1.7	TTN	baz=227	Taitung	1.73 218 eP	Pn	21 24 03.4 +0.8	
LXIB	baz=299	Xiulin Townshi	0.80 262 P	Pn	21 24 00.9 -0.2	CHKH	baz=267	Chenggong	1.24 221 eP	Pn	21 23 55.9 -0.1	TPUB	baz=208	Ta-pu	1.73 242 P	Pn	21 24 05.1 +2.4	
LXIB	baz=299	Xiulin Townshi	0.80 262 P	Pn	21 24 00.9 -0.2	NJD	baz=298	Zhudong	1.25 299 eP	Pn	21 23 57.9 +1.9	TPUB	baz=208	Ta-pu	1.73 242 P	Pn	21 24 04.7 +2.0	
TWE	baz=316	Neicheng	0.81 316 P	Pn	21 23 50.9 +0.8	NJD	baz=298	Zhudong	1.25 299 eP	Pn	21 23 57.9 +1.9	TPUB	baz=208	Ta-pu	1.73 242 P	Pn	21 24 04.9 +2.2	
TWE	baz=316	Neicheng	0.81 316 P	Pn	21 24 01.4 +0.2	DPDB	baz=264	Guoxing	1.25 266 eP	Pn	21 23 57.1 +1.0	TPUB	baz=208	Ta-pu	1.73 242 P	Sn	21 24 25.6 +2.1	
ENTT	baz=299	Nioudou	0.83 308 P	Pn	21 23 51.1 +0.7	NTY	baz=325	Taoyuan	1.25 314 eP	Pn	21 23 57.0 +0.9	CHN4	baz=235	Tsao-shan	1.73 244 eP	Pn	21 24 04.9 +2.2	
ENTT	baz=299	Nioudou	0.83 308 P	Pn	21 24 01.7 +0.2	TWS1	baz=329	Kuangyinshan	1.25 321 P	Pn	21 23 57.3 +1.2	CHN4	baz=235	Tsao-shan	1.73 244 eP	Sn	21 24 26.7 +3.0	
NTC	baz=337	Toucheng	0.83 330 eP	Pn	21 23 51.7 +1.3	TWS1	baz=329	Kuangyinshan	1.25 321 P	Pn	21 23 57.3 +1.2	WRL	baz=261	Guolierlin Hig	1.76 263 eP	Pn	21 24 04.9 +1.8	
NTC	baz=337	Toucheng	0.83 330 eP	Pn	21 24 02.5 +1.0	WCS	baz=259	Being Elemen	1.26 267 eP	Pn	21 23 57.5 +1.3	WRL	baz=261	Guolierlin Hig	1.76 263 eP	Sn	21 24 27.6 +3.3	
ESL	baz=237	Shilin	0.84 248 P	Pn	21 23 50.5 0.0	ANP	baz=327	Anpu	1.26 327 eP	Pn	21 23 57.1 +0.8	CHN2	baz=249	Minshiang	1.76 251 eP	Sn	21 24 05.6 +2.5	
ESL	baz=237	Shilin	0.84 248 P	Pn	21 24 01.8 0.0	LIOB	baz=293	Emei	1.27 294 eP	Pn	21 23 58.2 +1.9	CHN2	baz=249	Minshiang	1.76 251 eP	Sn	21 24 27.4 +3.1	
ESL	baz=237	Shilin	0.84 248 P	Pn	21 23 51.4 +0.8	LIOB	baz=293	Emei	1.27 294 eP	Pn	21 23 58.2 +1.9	WTP	baz=238	Taoyuan	1.77 240 P	Pn	21 24 05.5 +2.3	
NDT	baz=296	Datong Townshi	0.84 304 P	Pn	21 24 02.7 +0.7	LIOB	baz=293	Emei	1.27 294 eP	Pn	21 24 13.6 +1.4	WTP	baz=238	Taoyuan	1.77 240 P	Sn	21 24 27.0 +2.5	
NDT	baz=296	Datong Townshi	0.84 304 P	Pn	21 23 51.5 +0.4	SSLB	baz=244	Suanglung	1.27 255 P	Pn	21 23 57.6 +1.3	WTP	baz=238	Taoyuan	1.77 240 P	Sn	21 24 05.0 +2.0	
NDT	baz=296	Datong Townshi	0.84 304 P	Pn	21 24 02.7 -0.1	SSLB	baz=244	Suanglung	1.27 255 P	Pn	21 23 57.6 +1.3	RLNB	baz=261	Erlin	1.78 263 P	Pn	21 24 27.1 +2.5	
NNSB	baz=289	Datong	0.87 290 P	Pn	21 23 51.6 +0.5	SSLB	baz=244	Suanglung	1.27 255 P	Pn	21 23 57.6 +1.3	RLNB	baz=261	Erlin	1.78 263 P	Sn	21 24 05.7 +2.2	
NNSB	baz=289	Datong	0.87 290 P	Pn	21 23 51.6 +0.5	NSTT	baz=292	Nanjuang	1.27 293 eP	Pn	21 23 58.2 +1.8	WTCT	baz=270	Ta-cheng	1.85 262 eP	Pn	21 24 06.2 +1.8	
NNSH	baz=289	Datong	0.87 290 eP	Pn	21 24 03.0 +0.2	NSTT	baz=292	Nanjuang	1.27 293 eP	Pn	21 23 58.2 +1.8	WTCT	baz=270	Ta-cheng	1.85 262 eP	Sn	21 24 28.5 +2.0	
NNSH	baz=289	Datong	0.87 290 eP	Pn	21 24 03.0 +0.2	NTST	baz=336	Danshui	1.28 324 eP	Pn	21 24 13.9 +1.6	WTCT	baz=270	Ta-cheng	1.85 262 eP	Sn	21 24 06.7 +2.2	
NNS	baz=289	Nan Shan	0.89 290 P	Pn	21 23 51.7 +0.5	NTST	baz=336	Danshui	1.28 324 eP	Pn	21 24 13.9 +1.6	WTCT	baz=270	Ta-cheng	1.85 262 eP	Sn	21 24 28.9 +2.1	
NNS	baz=289	Nan Shan	0.89 290 P	Pn	21 24 03.6 +0.5	SMLT	baz=257	Sun Moon Lake	1.29 259 P	Pn	21 23 57.9 +1.1	WTCT	baz=270	Ta-cheng	1.85 262 eP	Sn	21 24 07.4 +2.8	
FUSB	baz=289	Fushanzhiwuyua	0.89 315 P	Pn	21 23 52.2 +1.0	SMLT	baz=257	Sun Moon Lake	1.29 259 P	Pn	21 23 57.9 +1.1	WTCT	baz=270	Ta-cheng	1.85 262 eP	Sn	21 24 29.4 +2.3	
FUSB	baz=306			S	Sn	21 24 03.8 +0.7	TWY	baz=343	Chenhua	1.30 331 eP	Pn	21 23 58.6 +1.8	SNST	baz=240	Tainan City	1.87 241 eP	Pn	21 24 07.4 +2.8
FUSB	baz=306			S	Sn	21 24 03.8 +0.7	TWY	baz=343	Chenhua	1.30 331 eP	Pn	21 24 14.5 +1.6	SNST	baz=240	Tainan City	1.87 241 eP	Sn	21 24 29.4 +2.3
TWB1	baz=344	Santiao Chiao	0.91 343 eP	Pn	21 23 51.6 +0.1	FULB	baz=213	Fuli	1.30 225 eP	Pn	21 23 56.9 +0.1	SGST	baz=235	Jiashan	1.88 237 eP	Sn	21 24 06.2 +1.5	
TWB1	baz=344	Santiao Chiao	0.91 343 eP	Pn	21 24 02.5 -1.0	FULB	baz=213	Fuli	1.30 225 eP	Pn	21 23 56.9 +0.1	SGST	baz=235	Jiashan	1.88 237 eP	Sn	21 24 29.8 +2.6	
WARBT	baz=234	Fenglin Townsh	0.92 244 P	Pn	21 23 51.6 0.0	NCU	baz=309	National Centr	1.30 310 eP	Pn	21 24 13.4 +0.4	SLGT	baz=223	Lugui	1.88 233 eP	Pn	21 24 07.3 +2.5	
WARBT	baz=234	Fenglin Townsh	0.92 244 P	Pn	21 24 02.8 -0.9	NCU	baz=309	National Centr	1.30 310 eP	Pn	21 24 13.4 +0.4	SLGT	baz=223	Lugui	1.88 233 eP	Sn	21 24 30.3 +3.0	
WARBT	baz=234	Fenglin Townsh	0.92 244 P	Pn	21 23 52.5 +0.4	NCUH	baz=309	Zhongli	1.30 310 eP	Pn	21 23 57.7 +0.9	SLGT	baz=223	Lugui	1.88 233 eP	Sn	21 24 05.8 +0.8	
WARBT	baz=234	Fenglin Townsh	0.92 244 P	Pn	21 23 52.5 +0.4	NCUH	baz=309	Zhongli	1.30 310 eP	Pn	21 23 57.7 +0.9	SLGT	baz=223	Lugui	1.88 233 eP	Sn	21 24 28.1 +0.3	
WHF	baz=259	Hehuan Shan	0.93 271 eP	Pn	21 24 04.6 0.0	NSM	baz=331	Shimen	1.31 331 eP	Pn	21 23 58.6 +1.6	JISG	baz=267	Ishigakijimahi	1.90 76 P	Sn	21 24 08.1 +2.4	
WHF	baz=259	Hehuan Shan	0.93 271 eP	Pn	21 24 04.6 0.0	NSM	baz=331	Shimen	1.31 331 eP	Pn	21 23 58.6 +1.6	JISG	baz=267	Ishigakijimahi	1.90 76 P	Sn	21 24 32.5 +3.5	
TIPB	baz=345	Shuangxi	0.93 333 P	Pn	21 24 04.1 0.0	HSN1	baz=298	Hsinchu	1.32 299 P	Pn	21 24 14.4 +0.9	ECL	baz=267	Tainali	1.96 219 eP	Pn	21 24 05.3 -0.5	
TIPB	baz=345	Shuangxi	0.93 333 P	Pn	21 24 04.1 0.0	TYC	baz=251	Yuch	1.32 260 P	Pn	21 24 14.4 +0.9	ECL	baz=267	Tainali	1.96 219 eP	Pn	21 24 08.4 +2.3	
FUSS	baz=267	Fushou	0.96 277 P	Pn	21 23 53.1 +0.8	TYC	baz=251	Yuch	1.32 260 P	Pn	21 24 14.4 +0.9	WLS	baz=251	Shuilin Townsh	1.98 253 e			

26d 22h

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LKRN Lenkeran, AZR Azer, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GASI Astara - Iran, YRD Yardimli, GLBA Ciliabad, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUJR Buynaks, KRNR Karanay, KRNR Karanay, etc.

26d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like Babbage River, Shalercuk Mo, John River, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like White Mountain, Barlow Dome, Denali Highway, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like Kafar-mosalman, Warramunga Arr, Sanana, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ESAB, ESAB, TIPB, WFSB, EWUT, etc.

TEH 27 00:04:25.0, 34.63N, 46.28E, h8km, 28km, ML3.5
ISN 27 00:04:25.4, 0.7, 34.65N, 46.30E, h29km, 15km, ML3.5
ISC 27 00:04:25.6, 1.7, 34.61N, 0.04, 46.25E, 0.03, h7km, 9km, n34, c135/40, Western Iran

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like IDHR, IGHG, KGS1, etc.

ICD 27 00:07:08.6, 2.0, 2.63N, 127.64E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=173.8km s-min=21.1km az=68.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TNTI, SGTI, SANI, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR, etc.

NEIC 27 00:07:50.9, 1.7, 5.47S, 0.09, 151.6E, 0.1, h35km, 2km, mb4.7/40, Error ellipse: s-maj=24.4km s-min=10.7km az=118.0

ICD 27 00:07:51.4, 2.2, 5.43S, 151.68E, h48km, 19km, mb4.1/17, mbtmp4.4/18, ML2.6/1, MS3.4/20, Error ellipse: s-maj=19.6km s-min=13.5km az=96.0

DJA 27 00:07:53.2, 0.7, 6.5, 15.2E, 2.5, h59km, 8km, M5.0/9, mb6.8/1, mb4.6/9, MLV5.2, Mw(MB)6.7/1

ISC 27 00:07:51.8, 0.5, 5.50S, 0.06, 151.70E, 0.09, h50km, n6, c1900/84, mb4.5/36, MS3.4/18, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like RABL, RABL, BULU, etc.

WB0 Warramunga Arr 22.02 228 P 00 12 41.5 -0.8

WRA Warramunga Arr 22.02 228 P 00 12 42.1 -0.2

WRA Warramunga Arr 22.02 228 P 00 12 42.9 -0.9

WRA Warramunga Arr 22.02 228 P 00 12 43.1 -0.7

WRA Warramunga Arr 22.02 228 P 00 12 43.8 -0.9

INKA Innamincka 24.45 204 P 00 13 00.8 +2.0

ASO1 Alice Springs 24.87 222 P 00 13 14.1 +1.4

AS31 Alice Springs 24.90 222 P 00 13 09.9 -0.4

ASAR Alice Springs 24.90 222 P 00 13 10.1 -0.2

ASAR Alice Springs 24.90 222 P 00 20 20.6 +0.4

LCKR Leigh Creek 27.88 206 P 00 13 37.6 +0.6

STKA Stephens Creek 27.90 199 P 00 13 37.7 +0.5

STKA Stephens Creek 27.90 199 P 00 13 36.9 -0.3

STKA Stephens Creek 27.90 199 P 00 13 36.9 -0.3

FITZ Fitzroy Crossi 28.37 242 P 00 13 43.3 +1.8

DWA Davao City (W) 28.90 295 LR 00 25 04.3

BBOW Bwokebu 29.65 227 P 00 14 02.5 -0.8

KAPI Kappang 31.82 269 LR 00 30 18.5

ARPS Mount Arapiles 32.41 195 P 00 14 17.5 +0.5

FORF Forrest 33.56 219 P 00 14 26.1 -1.1

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like L19K, CNPM, etc.

ZALV Zalesovo Beam 81.12 327 P 00 19 60.0 -1.8

E19K Redstone River 81.17 18 P 00 20 03.2 +1.5

D19K Kuna River 81.57 17 P 00 20 04.1 +0.2

MLY Manley 81.92 21 P 00 20 04.7 -1.1

I23K Minto, Yukon-K 82.48 21 P 00 20 09.9 +1.2

CCB Clear Creek Bu 82.81 22 P 00 20 11.0 +0.7

ILAR Eielson Array 83.21 22 P 00 20 12.3 -0.1

ILAR Eielson Array 83.21 22 P 00 20 13.0 +0.5

KURK Kurchatov 83.64 322 P 00 20 13.9 -1.1

KURB Kurchatov Arr 83.67 322 P 00 20 13.8 -1.3

J25K Salcha River 83.72 23 P 00 20 15.4 +0.3

QSPA South Pole Qui 84.47 180 P 00 20 19.2 +0.1

MAW Maxwell 84.51 203 P 00 20 19.1 0.0

NRIK Noril'sk 86.27 341 P 00 20 27.7 -0.1

J30M Hart River 87.29 24 P 00 20 34.4 +1.3

DLBC Dease Lake 88.54 31 LR 00 55 54.2

BVAR Borovoye Array 89.14 323 P 00 20 41.2 -0.8

YBH Yreka Blue Hor 90.33 48 LR 00 54 37.0

NVAR Mina Array Bea 93.37 52 P 00 21 02.9 +0.7

NVAR Mina Array Bea 93.37 52 P 00 21 02.6 +0.4

ARU Arcturion 96.28 326 LR 01 04 38.5

PDAR Pinedale Array 100.12 48 P 00 21 33.2 +0.6

EKA Eskdalemuir Ar 126.37 342 PKP PKPbc 00 26 48.8 -0.2

TORD Torodi Ar Bea 149.47 287 PKPbc PKPbc 00 27 35.5 -1.1

BDFB Brasilia 151.32 137 PKPbc PKPbc 00 27 41.0 -0.2

SNET 27 00:13:59.9, 1.0, 12.43N, 89.15W, h16km, 3km, ML4.1

CATAC 27 00:14:00.0, 0.5, 12.44N, 89.12W, h13km, 4km, ML4.2

GCG 27 00:14:11.0, 0.3, 13.56N, 89.75W, h193km, MD4.4

Code Station Name Az El P Res Time Res ISC. Includes stations like LALI, TECO, etc.

Code Station Name Az El P Res Time Res ISC. Includes stations like AEIL, UDBS, etc.

Table with columns for station name, frequency, power, and status. Includes stations like PAVA Las Pavas, RANC El Ranchito, BOQUERON San Miguel, etc.

Table with columns for station name, frequency, power, and status. Includes stations like SOCE, LCR2 La Lucha 2, CMIG Matias Romero, etc.

Table with columns for station name, frequency, power, and status. Includes stations like H03N2 Juan Fernandez, H03N1 Juan Fernandez, YKA Yellowknife Ar, etc.

IDC 27.01.00:53.20.94.4.30.333S:179.63W, h399km, 47km, mb3.4/5, mbmp4.3/6, Error ellipse: s-maj=55.4km s-min=24.7km az=177.0

ISC 27.00:55.20.8.0.7.30.485.0.08:179.6W:0.1, h400km, n63, az=209/78, mb3.8/5, Kermadec Islands region

Table with columns for Code, Station Name, Frequency, Power, and Status. Includes stations like GLKZ Green Lake, PKGZ Pakitiroa, etc.

Moment Tensor Solution. Mantle waves: s19,c21; Duration: 1s0 Moment tensor: Scale 10^19Nm; Mw: 1.26; 1.4; Mw: 2.04; 1.1; Mw: 0.79; 1.5; Mw: 2.20; 4.9; Mw: 0.20; 1.1; Mw: 1.67; 1.4; Best double couple: M3.29000x10^15 NPT: 1.20.00000, 0.78.00000, 1.65.00000; NP2: 2.35.00000, 0.82.00000, 1.153.00000; Principal axes: T 3.2300, Plg29.0000, Azm19.0000; N 0.1200, Plg24.0000, Azm194.0000; P -3.3500, Plg51.0000; Azm58.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

ATH 27 01:00:49.3, 38.82N, 26.39E, h10km, Mw4.0, Moment Tensor Solution: s7 Moment tensor: Mw=0.13, Mw=1.15; Mw=1.01; Mw=0.26; Mw=0.00; Mw=0.31; Fault plane solution: NP1: 1.46.00000, 0.86.00000, 1.159.00000; NP2: 3.14.00000, 0.69.00000, 1.5.00000.

NEIC 27 01:00:49.3±1.9, 38.79N, 0.04±26.39E, h10km, 1km, mb4.4/35 Error ellipse: s-maj=9.1km s-min=7.2km az=258.0

MCSM 27 01:00:49.0±0.4, 39°N, 32°E, h10km, mb4.5, mB4.4, MLv4.5, Mw(mB)3.6

THE 27 01:00:49.5, 38.83N, 26.38E, h4km, 1km, ML4.1/12, Error ellipse: s-maj=1.6km s-min=0.5km az=169.0

GII 27 01:00:53.0±0.6, 38.32N, 0.004±26.52E, h10km, confirmed

CFUSG 27 01:00:55.9, 39°40'N, 26°65'E, h5km, Western Turkey Magtype MSH 3.6 from 5 stations

BGR 27 01:00:56.9, 41°13'N, 28°87'E, h10km

ISC 27 01:00:49.2±0.9, 38.82N, 0.02±26.42E, h9km, 6km, n484, r1939/494, mb4.3/37, MS3.3/11, 41C-18D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like KARB, FOCM, EAG1, etc.

Table with columns: TNSA, comp=N, station name, magnitude, phase ID, time, residual. Lists stations like NAZL, KRBB, SUSR, etc.

Table with columns: BR106, BR104, BR131, etc., station name, magnitude, phase ID, time, residual. Lists stations like Keskin Array S, Keskin Array B, etc.

Table with columns: BRVK, Borovoye, 50.76 309f, eP, P, pmax, 06 40 48.3 +0.1

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

IDC 27 06:40:54.8, 0.2, 12.915x45.72E, h0km, mb3.6/5, mbtm3.6/5, Error ellipse: s-maj=52.2km s-min=29.8km

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

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

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

Table with columns: BOSA, Boshof, 24.55 228, P, Iamb, 06 46 15.4 -0.7

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

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

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

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

Table with columns: KSH, Carcaliu, 60.01 346, pP, P, 06 51 04.2 +1.5

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

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

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

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

27d 6h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NTNT, NVAR, BLVC, etc.

BUJ 27 06:44:13.5,0.0,0.26S; 126.53E, h10km, mb4.9/71, mB5.0/39, Ms4.7/74, Ms7.4/5/72
IDC 27 06:44:21.8,2.8,0.58N; 126.20E, h21km, 16km, mb4.8/34, mbmp4.9/38, ML5.1/4, MS4.3/24, Error ellipse:
s-maj=17.0km s-min=8.9km az=78.0
MOS 27 06:44:22.1,1.0,0.48N; 126.05E, h30km, mb5.4/50, Error ellipse:
s-maj=9.4km s-min=5.0km az=110.3
NEIC 27 06:44:24.1,1.4,0.53N; 0.07; 126.16E; 0.05, h29km, 1km, mb5.3/96, Mw5.3/13, Error ellipse:
s-maj=7.3km az=169.0
NEIC 27 06:44:24.0,0.54N; 126.18E, h30km
NEIC 27 06:44:24.0,0.64N; 126.28E, h30km, Moment Tensor
Solution. Duration: 2s Moment tensor: Scale 10^17 Nm;
Mo:0.50; Mo:0.74; Mo: -1.24; Mo: -0.18; Mo: -0.12; Mo: -0.25;
Fault plane solution: Mo:1.06000x10^17 NP1:
o:223.70000; s:76.31000; l:152.99000. NP2:
o:320.57000; s:63.82000; l:15.29000. Principal axes: T
0.8346, P1g29.0000, Azm180.0000; N 0.4489,
P1g6.0000, Azm19.0000; P -1.2836, P1g8.0000,
Azm274.0000
DJA 27 06:44:26.0,0.2,1.1,2.2; 127.6E, h48km, 2km, Ms 2/69,
mB5.2/96, mB5.7/30, MLV5.2/17, Mw5.4/96, Mw(mB)5.2/30,
Mw(mB)5.1/19, Mw(mB)5.3/19
GCMT 27 06:44:28.1,0.1,0.69N; 0.01; 125.99E; 0.01, h34km,
MW5.4/143, Moment Tensor Solution. Solution:
s143,c241; Duration: 1s2 Moment tensor: Scale 10^17 Nm;
Mo:0.93; Mo: 0.03; Mo:0.98; Mo: -0.2; Mo: -1.9; Mo: -0.2;
Mo:0.05; Mo: 0.30; Mo: -0.2; Mo: -0.4; Mo: 0.3; Best double
couple: Mo:1.50800x10^17 NP1: o:130.0000; s:90.0000;
l:12.00000. NP2: o:40.0000; s:878.0000; l:180.00000.
Principal axes: T 1.0150, P1g8.0000, Azm355.0000; N
0.9900, P1g78.0000, Azm131.0000; P -2.0000,
P1g8.0000, Azm264.0000; nst1 refers to body waves,
cutoff=40s; nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 27 06:44:24.6,0.4,0.49N; 0.03; 126.14E; 0.04, h33km, 2km,
h33km; p-P, 693, c1948/175, mB5.2/154, MS4.4/61,
9C-19D, Northern Molucca Sea

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like TINTI, LBMI, KMSI, etc.

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Main table of station data with columns: DLV, T, Lat, 20.90 304, P, Pn, 06 49 07.4 +0.1, etc.

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Main table of station data with columns: GYA, comp=Z, 94nm, 4.2s, pmax, pmax, 06 50 52.5 +5.2, etc.

HNS	HongShan	38.22 345	↑P	P	06 51 43.5 +2.0
HNS			ScS	ScS	07 01 49.5 -1.3
HNS			pmax	pmax	
HNS	comp-Z,19nm,0.9s		LR	LR	
HNS	comp-Z,460nm,19.4s		LR	LR	
HNS	comp-Z,600nm,23.1s		LR	LR	
DL2	Dalian	38.46 354	P	P	06 51 45.0 +1.5
DL2			S	S	06 57 38.5 +1.8
DL2			pmax	pmax	
DL2	comp-Z,57nm,0.8s		LR	LR	
DL2	comp-Z,450nm,24.3s		LR	LR	
DL2	comp-Z,630nm,18.2s		LR	LR	
DL2	comp-Z,1µm,26.0s		LR	LR	
AUDCS	Dubuo College	38.87 149	P	P	06 51 47.5 +0.5
TIY	Taiyuan	39.14 343	P	P	06 51 54.5 +5.1
TIY			LR	LR	
TIY	comp-Z,620nm,22.7s		LR	LR	
TIY	comp-Z,320nm,19.9s		LR	LR	
TIY	comp-Z,670nm,23.4s		LR	LR	
ARMA	Armidade	39.15 144	P	P	06 51 50.2 +0.6
JMM	Marumori	39.57 18	P	P	06 51 55.3 +2.5
JMM	Marumori	39.57 18	P	P	06 51 52.5 +0.3
JMM			IAMB	IAMB	06 51 57.5
ARPS	Mount Arapiles	39.83 160	P	P	06 51 55.5 +0.6
BJT	Baijiatau	40.39 348	P	P	06 52 02.2 +2.6
BJL	Beijing	40.41 348	P	P	06 52 01.1 +0.1
BJL			SS	SS	07 01 10.0 +4.2
BJL			pmax	pmax	
BJL	comp-Z,9.0nm,0.9s				
BJL	comp-Z,66nm,3.6s		pmax	pmax	
BJL	comp-Z,71nm,14.8s		LR	LR	
BJL	comp-Z,130nm,20.0s		LR	LR	
BJL	comp-Z,100nm,18.0s		LR	LR	
YNG	Young	40.41 151	P	P	06 52 00.8 +0.9
LZH	Lanzhou	41.03 332	eP	eP	06 52 05.8 +0.6
LZH			sP	sP	06 52 19.3 +1.5
LZH			pmax	pmax	
LZH	comp-Z,20nm,1.4s		LR	LR	
LZH	comp-Z,850nm,13.7s		LR	LR	
LZH	comp-Z,670nm,14.1s		LR	LR	
LZH	comp-Z,250nm,13.1s		LR	LR	
BRAT	Ballarát	41.26 158	P	P	06 52 07.8 +1.0
SHL	Shillong	41.40 310	P	P	06 52 15.9 +3.9
SHL	Shillong	41.40 310	P	P	06 52 07.2 -1.2
SHL			pmax	pmax	
SHL	comp-Z,18nm,0.7s				
CAN	Canberra	41.52 151	P	P	06 52 11.2 +2.1
CAN	Canberra	41.52 151	P	P	06 52 10.0 +0.9
CAN	Canberra	41.52 151	P	P	06 52 10.0 +0.9
CAN			pmax	pmax	
CAN	comp-Z,27nm,1.1s				
CAN	Canberra	41.52 151	P	P	06 52 10.3 +1.2
TOO	Toolangi	41.88 157	P	P	06 52 15.9 +3.9
TOO	Toolangi	41.88 157	P	P	06 52 12.5 +0.5
TOO	Toolangi	41.88 157	P	P	06 52 12.5 +0.5
TOO			pmax	pmax	
TOO	comp-Z,20nm,1.3s				
MSHR	Mys Shultsa	42.15 6	eP	P	06 52 14.7 +0.7
MSHR			pmax	pmax	
HHC	Hu-ho-hao-te	42.30 344	eP	P	06 52 17.5 +2.1
HHC			sP	sP	06 52 28.3 +0.2
HHC			SS	SS	07 01 42.8 -0.9
HHC			pmax	pmax	
HHC	comp-Z,110nm,5.5s		LR	LR	
HHC	comp-Z,420nm,20.6s		LR	LR	
HHC	comp-Z,410nm,20.6s		LR	LR	
HHC	comp-Z,630nm,20.1s		LR	LR	
BTO	Baotou	42.54 342	eP	P	06 52 20.5 +3.2
BTO			pP	pP	06 52 26.0 -0.4
BTO			sP	sP	06 52 28.8 -1.2
BTO			P	P	06 54 03.5 -6.1
BTO			S	S	06 58 47.3 +1.0
BTO			SS	SS	07 01 49.0 +0.7
BTO			pmax	pmax	
BTO	comp-Z,22nm,0.5s				
BTO	comp-Z,110nm,4.2s		pmax	pmax	
BTO	comp-Z,620nm,12.9s		LR	LR	
BTO	comp-Z,520nm,11.6s		LR	LR	
BTO	comp-Z,1µm,24.1s		LR	LR	
CN2	Changchun	43.13 359	eP	P	06 52 22.5 +0.5
CN2			pmax	pmax	
CN2	comp-Z,10.0nm,0.6s				
CN2	comp-Z,100nm,4.0s		LR	LR	
CN2	comp-Z,200nm,15.0s		LR	LR	
CN2	comp-Z,400nm,15.0s		LR	LR	
CN2	comp-Z,200nm,17.0s		LR	LR	
H11S3	WAKE ISLAND Hy	43.63 63	T	T	07 39 50.5
H11S2	WAKE ISLAND Hy	43.65 63	T	T	07 40 01.8
H11S1	WAKE ISLAND Hy	43.65 63	T	T	07 39 56.1
USA0B	Ussuriysk Arra	43.84 6	P	P	06 52 26.7 -0.9
USA0B			IAMB	IAMB	06 52 33.3
USA0B	comp-Z,35nm,0.9s				
USA0B	Ussuriysk Arra	43.84 6	eP	P	06 52 28.0 +0.4
USRK	Ussuriysk Arra	43.84 6	P	P	06 52 27.2 -0.5
USRK			pmax	pmax	
USRK	comp-Z,12nm,0.6s,baz=186,slow=5.4,SNR=23				
USRK	comp-Z,12nm,0.6s				
MDJ	Mudanjiang	44.05 4	P	P	06 52 30.5 +1.2
MDJ			pP	pP	06 52 39.0 -1.9
MDJ			sP	sP	06 52 42.8 +0.8
MDJ			P	P	06 54 15.0 +0.6
MDJ			S	S	06 59 01.5 +2.0
MDJ			sS	sS	06 59 14.3 -0.4
MDJ			pmax	pmax	
MDJ	comp-Z,23nm,1.1s				
MDJ	comp-Z,110nm,3.8s		pmax	pmax	
MDJ	comp-Z,390nm,18.6s		LR	LR	
MDJ	comp-Z,210nm,19.2s		LR	LR	
MDJ	comp-Z,620nm,22.5s		LR	LR	
MDJ	Mudanjiang	44.05 4	P	P	06 52 33.3 +4.0
XLT	XilinHaoTe	44.15 350	eP	P	06 52 31.5 +1.2
XLT			pP	pP	06 52 36.5 -2.9
XLT			sP	sP	06 52 38.5 -3.4
XLT			P	P	06 54 11.3 -2.3
XLT			S	S	06 59 17.3 +1.0
XLT			pmax	pmax	
XLT	comp-Z,19nm,0.8s				
XLT	comp-Z,160nm,5.8s		pmax	pmax	
XLT	comp-Z,26nm,20.4s		LR	LR	
XLT	comp-Z,220nm,14.5s		LR	LR	
XLT	comp-Z,310nm,17.9s		LR	LR	
BNX	BinXian	45.08 1	↑P	P	06 52 37.5 0.0
BNX			sP	sP	06 52 42.8 -3.9
BNX			S	S	06 59 17.0 +2.5
BNX			pmax	pmax	
BNX	comp-Z,11nm,1.3s				
BNX	comp-Z,91nm,4.6s		pmax	pmax	

BNX	comp-Z,280nm,16.9s		LR	LR	
BNX	comp-Z,220nm,16.6s		LR	LR	
BNX	comp-Z,360nm,20.2s		LR	LR	
DZM	Mont Dzumac	45.23 122	eP	P	06 52 33.1 -6.1
DZM			eS	S	06 59 01.5 -16
DZM	comp-Z,274nm,37.5s		eSS	ScS	07 02 37.9 +3.6
DZM	comp-Z,331nm,28.5s		eLR	LR	07 05 15.5
DZM	comp-Z,2µm,24.9s				
TEY	Tenei	45.32 10	eP	P	06 52 39.1 -0.3
GTA	Gaotai	45.60 331	P	P	06 52 46.3 +4.3
GTA			pmax	pmax	
GTA	comp-Z,15nm,1.3s				
GTA	comp-Z,81nm,6.4s		pmax	pmax	
GTA	comp-Z,430nm,22.3s		LR	LR	
GTA	comp-Z,560nm,21.9s		LR	LR	
GTA	comp-Z,1µm,22.3s		LR	LR	
AULHS	Liydale High	45.73 158	P	P	06 52 43.9 +1.1
ASAJ	Asahikawa	45.85 17	LR	LR	07 11 30.2
ASAJ	Asahikawa	45.85 17	P	P	06 52 42.7 -1.0
ASAJ	Asahikawa	45.85 17	P	P	06 52 42.7 -1.0
ASAJ			pmax	pmax	
ASAJ	comp-Z,37nm,1.0s				
JKA	Kamikawa-asahi	45.85 17	P	P	06 52 42.7 -1.0
JKA			IAMB	IAMB	06 52 49.4
JKA			pP	pP	06 52 50.5 +5.8
JKA			sP	sP	06 52 53.3 -0.6
JKA			pmax	pmax	06 52 57.0 -0.5
GOMU	GeErMu	45.91 324	P	P	06 52 50.5 +5.8
GOMU			pP	pP	06 52 53.3 -0.6
GOMU			sP	sP	06 52 57.0 -0.5
GOMU			pmax	pmax	
GOMU	comp-Z,22nm,1.0s		LR	LR	
GOMU	comp-Z,670nm,18.8s		LR	LR	
GOMU	comp-Z,690nm,18.6s		LR	LR	
GOMU	comp-Z,1µm,18.0s		LR	LR	
YSS	Yuzh-Sakhalins	48.51 15	P	P	06 53 07.2 +2.9
YSS	Yuzh-Sakhalins	48.51 15	eP	S	06 53 05.3 +1.0
YSS			eS	S	07 00 01.3 -2.1
YSS			pmax	pmax	
YSS	comp-Z,30nm,1.0s				
YSS	comp-Z,100nm,6.5s		pmax	pmax	
YSS	comp-Z,200nm,20.0s		MLR	MLR	
KLR	Kul'dur	48.80 5d	iP	P	06 53 07.2 +0.7
KLR			pmax	pmax	
KLR	comp-Z,1.0nm,0.2s				
HIA	Hailar	48.91 354	P	P	06 53 08.7 +1.3
HEH	HeiHe	49.59 1	eP	P	06 53 12.3 -0.3
HEH			sP	sP	06 53 16.3 -5.6
HEH			S	S	07 00 21.5 +2.9
HEH			pmax	pmax	
HEH	comp-Z,23nm,1.1s				
HEH	comp-Z,150nm,4.1s		pmax	pmax	
HEH	comp-Z,280nm,17.6s		LR	LR	
HEH	comp-Z,380nm,15.4s		LR	LR	
HEH	comp-Z,510nm,20.1s		LR	LR	
HYB	Hyderabad	49.73 293	eP	P	06 53 14.0 -0.3
HYB			sP	sP	06 53 26.1 -1.0
HYB			IAMB	IAMB	06 53 16.4 +0.3
HYB			pmax	pmax	06 53 22.9
ULN	Ulaanbaatar	50.02 343	P	P	06 53 16.4 +0.3
ULN			pmax	pmax	
ULN	comp-Z,28nm,1.0s				
ULN	Ulaanbaatar	50.02 343	P	P	06 53 16.1 0.0
GRNR	Gornyy	50.86 8	iP	P	06 53 22.9 +0.7
GRNR			pmax	pmax	
GRNR	comp-Z,10.0nm,0.8s		MLR	MLR	
GRNR	comp-E,410nm,18.0s		MLR	MLR	
GRNR	comp-N,240nm,15.0s		MLR	MLR	
GRNR	comp-Z,160nm,19.0s		MLR	MLR	
CIT	Chita	52.44 350	eP	P	06 53 35.8 +1.8
CIT			e	e	06 53 48.9
CIT			pmax	pmax	
CIT	comp-Z,126nm,1.3s				
ZEA	Zeya	53.08 1	eP	P	06 53 40.2 +1.5
ZEA			e	e	06 53 49.9
ZEA			pmax	pmax	
ZEA	comp-Z,10.0nm,0.7s				
ZEA	comp-N,200nm,17.0s		MLR	MLR	
ZEA	comp-Z,200nm,19.0s		MLR	MLR	
ZEA	comp-Z,200nm,19.0s		MLR	MLR	
WMQ	Urumqi	55.06 327	eP	P	06 53 54.8 +1.3
WMQ			pP	pP	06 53 59.3 -3.5
WMQ			pmax	pmax	
WMQ	comp-Z,44nm,1.3s		LR	LR	
WMQ	comp-Z,490nm,17.1s		LR	LR	
WMQ	comp-Z,420nm,20.7s		LR	LR	
WMQ	comp-Z,960nm,24.0s		LR	LR	
MOY	Mondy	55.23 341	eP	P	06 53 56.4 +1.9
MOY			pmax	pmax	
MOY	comp-Z,41nm,1.8s				
BOD	Bodaibo	57.98 352	eP	P	06 54 15.0 +1.2
BOD			pmax	pmax	
BOD	comp-Z,47nm,1.1s				
PEA0B	Petrovlovsk-	58.64 22	P	P	06 54 17.8 -0.7
PEA0B			IAMB	IAMB	06 54 28.3
PEA0B	comp-Z,24nm,0.9s				
PEA0B	Petrovlovsk-	58.64 22	iP	P	06 54 19.3 +0.8
PETK	Petrovlovsk-	58.64 22	P	P	06 54 18.1 -0.5
PETK	Petrovlovsk-	58.64 22	P	P	06 54 16.2 -2.4
PETK			LR	LR	07 15 19.7
PETK	comp-Z,141nm,21.3s,baz=201,slow=32				
PETK	comp-Z,6.3nm,0.6s				
PETK	Petrovlovsk-	58.64 22	P	P	06 54 18.1 -0.5
ZSN	Zaisan	58.92 328	eP	P	06 54 20.6 0.0
ZSN			pmax	pmax	
ZSN	comp-Z,9.3nm,0.8s,baz=328				
ZSN	Zaisan	58.92 328	eP	P	06 54 20.6 0.0
ZSN			pmax	pmax	
PET	Petrovlovsk	58.93 22	eP	S	06 54 24.2 +3.7
PET			eS	S	07 02 27.4 +3.0
PET			pmax	pmax	
PET	comp-Z,100nm,11.6s		MLR	MLR	
PET	comp				

27d 6h

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like Casey, HRA, WSAR, BVAR, BRVK, etc.

2018 JUN

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like O16K, O16G, O16R, etc.

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Table with columns for station code, name, elevation, and various performance metrics. Includes stations like F21K, F21K, E21K, etc.

Table with columns: BRKL, HOM, SEW, P23K, P19K, P19K, P19K, O20K, O20K, IVE, ILSW, O22K, SLKM, SLKM, HIN, HIN, HIN, P18K, KAIM, KAIM, KAIM, KAIM, RED, RSO, RDT, CAPN, EYAK, EYAK, EYAK, FID, FID, O18K, O18K, SUCK, SUCK, SUCK, RAGM, RAGM, GLI, GLI, GLI, HMT, NICH, RC01, RC01, RC01, SNH, SPU, VDI, SPCG, SUA, SUA, BMRM, BMRM, N19K, N19K, N19K, WAX, PMR, STLK, BARK, MESA, CRQM, CRQE, KLU, KLU, KLU, SML, N18K, N18K, ISLE, O16K, VRDI, SAMH, SKT, N25K, N25K, GLB, PCA, PTPK, PINM, MCARA, MCARA, M24K, PNL, M18K, M18K, LOGN, O28M, O28M, L19K, L19K, O29M, O29M, P29M, P29M, S31K, S31K, M27K, SIT, SIT, S32K, S32K, N30M

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TNTI, TMTI, LBMI, KMSI, SANI, GTOI, LUWI, LUWI, SWI, TOLIZ, MPSI, FAKI, FAKI, FAKI, BBSI, MYDN, EDPI, MSAR, KNRA, FITZ, WB0, WRAB, WRAB, WRA, WRA, WRA, WB2, WR0, COEN, MBWA, MBWA, AS31, ASAR, ASAR, ASAR, JOW, JOW, MORW, FORT, NJ2, NJ2, BBOO, PZH, PZH, STKA, TNCH, TNCH, KRSR, KRSR, MJAR, JSD, ARMA, ARMA, HHC, HHC, HHC, HHC, H11S, H11S2, H11S1, USRK, XLT, XLT, XLT, SONM, PE0A, PETK, PETK, MK31, MKAR, MAKZ, MAKZ, ZALV, KURBB, KURK, NRIK, NRIK, ABKAR, AKTO, ARU, ARU, Vnda, Vnda, E18K, E18K, C19K, C19K, G19K, D19K, H19K, C23K, C23K, ILAR

Table with columns: GSPA, TOR, TXAR, IDC, H46RU, ZALV, ZALV, MKAR, MKAR, AZER, LKRN, LKRN, ASTR, ASTR, LRK, LRK, GASI, YARD, YRD, GLBA, GLBA, ISRB, ISRB, QRD, QRD, HRS, BLO, BLO, IHSB, ZRD, ZRD, AGDM, AGDM, BRDA, BRDA, ORD, ORD, IMR, IMR, ISHB, NAX, NAX, XNQ, XNQ, SBZ, SBZ, GANJ, SEKA, GDB, GDB, IDC, H46RU, ZALV, ZALV, KURBB, MKAR, NOU, WEL, IDC, LREZ, LREZ, DREZ, DREZ, PREZ, PREZ, NEZ, PKVZ, PKVZ, KHEZ, KHEZ, PKE, PKE, WAZ, WAZ, TWZ, TWZ, MTVZ, MTVZ, NBEZ, NBEZ, NMEZ, NMEZ, COVZ, COVZ, TRVZ, TRVZ, FRVZ, FRVZ, MAVZ, MAVZ, WHVZ, WHVZ, WTVZ, WTVZ, WNVZ, WNVZ, HIZ, HIZ, HIZ, NNVZ, NNVZ, SNVZ, SNVZ, TUVZ, TUVZ, KRVZ, KRVZ, OUVZ, OUVZ, NTVZ, NTVZ, TMVZ, TMVZ, KATZ, KATZ, MOVZ, MOVZ, RAVZ, RAVZ, RITZ, RITZ, WATZ, WATZ, OHVZ, OHVZ, TLZ, TLZ, TSZ, TSZ

IDC 27 06:55:49.8:0.6,0.57N:126.07E,h0km,mb24.16,mbtmp4.2/16,Error ellipse: s-maj=37.1km s-min=13.2km az=76.0, DJA 27 06:55:54.1:0.2,1.1N:3.12E,h10km,M4.4/15,mb4.5/7,mb3.1/11,MLV4.3/15,MW(MB)4.5/1, NEIC 27 06:55:56.8:1.5,0.56N:0.08E:126.30E:0.06,h4km,9km,mb4.7/28,Error ellipse: s-maj=11.7km s-min=8.0km

IDC 27 07:00:41.8:2.7,54.14N:86.40E,h0km,mbtmp2.8/2,ML2.7/2,Error ellipse: s-maj=22.6km s-min=13.2km az=58.0,Southwestern Siberia, IDC 27 07:08:56.3:3.8,53.65N:88.19E,h0km,mbtmp2.8/3,ML2.2/3,Error ellipse: s-maj=38.7km s-min=19.8km az=48.0,Southwestern Siberia, NOU 27 07:11:38.6:39.21S:174.66E,h216km,MLV3.6/14, North Island, New Zealand, WEL 27 07:11:42.1:0.7,39.5S:177.5E,h185km,5km,M3.1/30,ML2.7/8,MLV3.1/30,Error ellipse: s-maj=0.0km s-min=0.0km az=134.8,confirmed, IDC 27 07:11:37.3:1.9,39.23S:174.69E:0.05,h222km,10km,n142,az194/154,North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WPRZ, PNHZ, KWHZ, etc.

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

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

IDC 27 07:14:36.3:2.7, 53.97N:86.59E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=22.7km s-min=14.0km az=52.0, Southwestern Siberia

NEIC 27 07:22:33.8:1.7, 65.73N:0.01:23.07E:0.3, h10km, 2km, mb3.5/1, Error ellipse: s-maj=17.6km s-min=3.0km az=268.0

LANU Lannavaara 2.44 349 eP Pb 07 23 15.5 -2.6 SALU Saittounka 2.54 315 eP Sn 07 23 16.8 +1.0

NNC 27 07:19:39.0:0.7, 47.40N:75.01E, h8km, 6km, mb3.6, mpv3.3, Error ellipse: s-maj=6.7km s-min=4.5km az=54.0

KALU Kalix 0.21 21 fP Pb 07 22 40.1 +1.6 KALU Kalix 0.21 21 fP Pb 07 22 40.1 +1.6

KTKI Kautokeino 3.36 0 eP Pb 07 23 27.6 +0.9 KJF Raja-Jooseppi 3.46 33 eP Sn 07 23 28.7 +0.5

27d 9h

F28M	Old Crow	49.15	8	P	P	08 49 30.6	+1.1
KSCO	Kaye Shedlock	49.22	55	P	P	08 49 30.4	-0.2
C16K	Lisburne Hills	49.23	355	P	P	08 49 29.2	-0.9
D20K	Etiwuk River	49.27	359	P	P	08 49 30.5	+0.1
C17K	Delong Mountai	49.27	356	P	P	08 49 30.9	+0.4
PETK	Petropavlovsk-	49.31	324	LR	LR	09 07 43.2	
TOLK	Toolik Lake Re	49.32	3	P	P	08 49 31.5	+0.7
C18K	Utukok River	49.34	357	P	P	08 49 30.8	-0.2
G31M	Satah River	49.36	11	P	P	08 49 31.4	+0.4
D22K	Aiyikyak River	49.46	1	P	P	08 49 32.0	+0.2
E27K	Coleen River	49.49	7	P	P	08 49 31.2	-0.9
AMTX	Amarillo	49.57	60	P	P	08 49 32.8	-0.5
D23K	Nanushuk River	49.60	2	P	P	08 49 32.7	-0.2
C21K	Kniefblade Rid	49.71	0	P	P	08 49 35.2	+1.5
C19K	Lookout Ridge	49.73	358	P	P	08 49 35.2	+1.3
F30M	Barrier River	49.73	10	P	P	08 49 35.7	+1.8
D24K	Happy Valley	49.87	3	P	P	08 49 36.6	+1.7
F31M	Tsigaitchic	49.92	11	P	P	08 49 35.5	+0.2
OGNE	Ogallala	49.95	52	P	P	08 49 35.2	-0.9
B18K	Kokolik River	50.08	357	P	P	08 49 37.0	+0.5
E28M	Babbage River	50.13	7	P	P	08 49 37.7	+0.7
E29M	Blow River	50.14	8	P	P	08 49 38.1	+1.1
B21K	Ikpikpak River	50.18	0	P	P	08 49 37.3	+0.1
D25K	Kavik River	50.18	4	P	P	08 49 38.2	+0.9
C24K	Franklin Bluff	50.44	3	P	P	08 49 39.5	+0.3
C23K	Ikilik River	50.47	2	P	P	08 49 40.9	+1.4
B20K	Meade River	50.58	359	P	P	08 49 41.1	+0.9
D27M	Malcolm River	50.58	7	P	P	08 49 40.1	-0.3
C27K	Jago River	50.68	5	P	P	08 49 41.3	+0.2
INK	Inuvik	50.73	10	P	I Amb	08 49 41.9	+0.4
INK	Inuvik	50.73	10	P	P	08 49 42.0	+0.6
INK	Inuvik	50.73	10	LR	LR	09 09 17.5	
C26K	Camden Bay	50.87	5	P	P	08 49 44.5	+2.0
B22K	Teshkepuk Lake	50.91	1	P	P	08 49 42.6	-0.1
JCT	Junction City	51.06	66	P	P	08 49 44.1	-0.6
ABTX	Ablene, Hawle	51.19	63	P	P	08 49 45.3	-0.3
YKA	Yellowknife Ar	51.30	23	P	P	08 49 47.0	+1.2
YKA	Yellowknife Ar	51.30	23	LR	LR	09 07 39.4	
CBKS	Cedar Bluff	51.43	55	P	P	08 49 46.9	-0.4
833A	Chaparral WMA	51.50	69	P	P	08 49 47.3	-0.6
A22K	Sinclair Lake	51.56	0	P	P	08 49 47.9	+0.2
A21K	Barrow	51.89	359	P	P	08 49 50.1	0.0
WMOK	Wichita Mounta	51.95	61	P	P	08 49 48.6	-2.6
HNR	Honiar	52.60	241	LR	LR	09 08 29.6	
SUSD	Miller	52.74	49	P	P	08 49 56.9	0.0
BGNE	Belgrade	52.91	52	P	P	08 49 58.4	+0.2
MDND	Madlock	52.93	44	P	P	08 49 57.2	-1.1
435B	Jarrell	52.97	66	P	P	08 49 59.3	+0.5
WHXT	Lake Whitney,	53.04	64	P	P	08 50 00.2	+0.8
KSU1	Kansas State U	53.89	55	P	P	08 50 04.9	-0.5
ECSD	EROS Data Cent	54.31	50	P	I Amb	08 50 07.3	-1.1
ECSD	EROS Data Cent	54.31	50	P	P	08 50 07.6	-0.8
TUL3	Leonard	54.41	59	P	P	08 50 08.9	-0.4
A36M	Sachs Harbour	55.35	11	P	P	08 50 16.9	+1.4
MA2	Magadan	55.42	330	LR	LR	09 09 43.8	
NATX	Nacogdoches	55.43	64	P	P	08 50 16.4	-0.3
AGMN	Agassiz Nation	55.48	44	P	P	08 50 16.9	+0.1
DZM	Mont Dzumac	55.68	224	eP	eS	08 50 14.8	-3.9
DZM	Mont Dzumac	55.68	224	eP	eS	08 50 03.1	-2.7
DZM	Mont Dzumac	55.68	224	LR	LR	09 01 56.4	+5.0
DZM	Mont Dzumac	55.68	224	LR	LR	09 06 24.1	
ULM	Lac du Bonnet	55.82	42	P	P	08 50 19.4	+0.2
ULM	Lac du Bonnet	55.82	42	LR	LR	09 12 03.0	
MIAR	Mount Ida	56.24	61	P	P	08 50 23.1	+0.6
SCIA	State Center	56.64	52	P	P	08 50 24.9	-0.3
CMIG	Matias Romero	57.17	82	LR	LR	09 09 08.5	
SPMN	Marine on St.	57.18	48	P	P	08 50 29.0	0.0
GUMO	Guam	57.43	274	LR	LR	09 09 59.0	
JCJ	Chichijima	57.44	290	LR	LR	09 10 10.2	
CCM	Catedral Cave	58.06	57	P	P	08 50 35.9	+0.6
EYMN	Ely	58.53	45	P	P	08 50 36.5	-0.6
JFWS	Jewell Farm	58.88	51	P	P	08 50 40.5	-0.5
JHJ	Hachijo jima 2	58.96	297	LR	LR	09 12 29.6	
G40A	Rib Lake	59.01	48	P	I Amb	08 50 41.3	-0.6
G40A	Rib Lake	59.01	48	P	I Amb	08 50 45.3	
HDIL	Hopedale	59.56	54	P	P	08 50 45.4	-0.3
OXF	Oxford	59.67	61	P	P	08 50 46.2	-0.4
MJAR	Matsushiro Arr	60.05	302	LR	LR	09 12 31.5	
L44A	Lake County Fo	60.59	52	P	P	08 50 51.9	-0.9
WVT	Waverly	60.86	59	P	P	08 50 55.0	+0.3
SFIN	Lafayette	61.24	54	P	P	08 50 56.8	-0.3
LRLAL	Lakeview Retre	61.80	62	P	P	08 51 00.2	-0.9

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WCI	Wyandotte Cave	61.96	56	P	P	08 51 01.5	-0.6
TEIG	Tepech	62.64	77	LR	LR	09 14 38.2	
O48B	Farmland	62.73	54	P	P	08 51 07.0	-0.2
URZ	Urewera	62.97	204	LR	LR	09 13 55.7	
P49A	Miami Univ. Ec	63.10	55	P	P	08 51 09.0	-0.8
E46A	Sault Ste Mari	63.16	47	P	P	08 51 09.6	-0.4
L48A	N Adams	63.19	52	P	P	08 51 09.4	-0.8
PMG	Port Moresby	63.53	246	LR	LR	09 17 55.6	
RES	Resolute Bay	63.72	15	LR	LR	09 14 58.6	
AAM	Ann Arbor	63.75	52	P	P	08 51 13.8	-0.1
TKL	Tuckaleechee C	64.18	59	LR	LR	09 14 41.7	
RPN	Rapa Nui	64.24	135	LR	LR	09 12 35.1	
TZTN	Tazewell	64.27	58	P	P	08 51 17.1	-0.5
USRK	Ussuriysk Ar.	64.43	310	LR	LR	09 14 47.5	
KLR	Kul	64.45	316	LR	LR	09 14 39.1	
GOGA	Godfrey	64.70	62	P	P	08 51 19.8	-0.5
TIGA	Triton	64.86	64	P	P	08 51 21.1	-0.3
P52A	Corning	65.09	55	P	P	08 51 21.6	-1.2
O53A	New Philadelph	65.73	54	P	P	08 51 25.4	-1.6
YAK	Yakutsk	66.00	330	LR	LR	09 16 21.5	
M53A	W Miller and	66.03	53	P	P	08 51 28.1	-0.8
JNU	Nakatsue	66.39	298	LR	LR	09 20 26.5	
ERPA	Erie	66.48	52	P	P	08 51 30.2	-1.5
BLA	Blacksburg	66.69	57	P	P	08 51 32.9	-0.3
SADO	Sadowa	66.86	49	LR	LR	09 21 22.3	
TIXI	Tiksi	67.23	341	LR	LR	09 20 31.1	
NHSC	New Hope	67.47	61	P	P	08 51 38.8	+0.7
SSPA	Standing Stone	68.21	53	P	P	08 51 43.1	+0.4
JTS	Las Juntas de	68.22	86	LR	LR	09 14 07.9	
CN2	Changchun	69.17	310	eP	eS	08 51 49.0	+0.4
CN2	Changchun	69.17	310	eP	eS	09 00 54.5	-0.5
CN2	Changchun	69.17	310	LR	LR	09 09 17.5	
CN2	Changchun	69.17	310	LR	LR	08 49 44.5	+2.0
CN2	Changchun	69.17	310	LR	LR	08 49 42.6	-0.1
CN2	Changchun	69.17	310	LR	LR	08 49 44.1	-0.6
RPZ	Rata Peaks	70.01	205	LR	LR	09 17 24.6	
LNZY	Lake Ozonia	70.11	49	P	P	08 51 54.3	-0.2
TULEG	Thule	70.41	14	eP	eP	08 52 04.0	+8.3
PAL	Palisades	71.15	52	P	P	08 51 59.8	-1.0
FRB	Frobisher Bay	71.33	28	LR	LR	09 19 33.7	
L61B	Northampton	71.81	51	P	P	08 52 03.0	-1.8
DL2	Dalian	72.80	306	P	P	08 52 16.8	+6.0
DL2	Dalian	72.80	306	LR	LR	09 20 59.6	
DAV	Davao City (W)	77.45	273	LR	LR	09 23 00.2	
SFJD	Kangerlussuaq	77.86	23	LR	LR	08 52 52.8	+1.0
NUUK	Nuuk	78.44	26	P	P	08 52 49.0	+5.8
HNS	HongShan	78.45	306	P	P	08 52 49.0	+5.8
HNS	HongShan	78.45	306	LR	LR	09 09 43.8	
HNS	HongShan	78.45	306	LR	LR	08 50 16.4	-0.3
HNS	HongShan	78.45	306	LR	LR	08 50 16.9	+1.4
HNS	HongShan	78.45	306	LR	LR	08 50 23.1	+0.6
HNS	HongShan	78.45	306	LR	LR	08 50 24.9	-0.3
HNS	HongShan	78.45	306	LR	LR	08 50 29.0	0.0
HNS	HongShan	78.45	306	LR	LR	09 09 59.0	
HNS	HongShan	78.45	306	LR	LR	09 10 10.2	
HNS	HongShan	78.45	306	LR	LR	08 50 35.9	+0.6
HNS	HongShan	78.45	306	LR	LR	08 50 36.5	-0.6
HNS	HongShan	78.45	306	LR	LR	08 50 40.5	-0.5
HNS	HongShan	78.45	306	LR	LR	09 12 29.6	
HNS	HongShan	78.45	306	LR	LR	08 50 41.3	-0.6
HNS	HongShan	78.45	306	LR	LR	08 50 45.3	
HNS	HongShan	78.45	306	LR	LR	08 50 46.2	-0.4
HNS	HongShan	78.45	306	LR	LR	09 12 31.5	
HNS	HongShan	78.45	306	LR	LR	08 50 51.9	-0.9
HNS	HongShan	78.45	306	LR	LR	08 50 55.0	+0.3
HNS	HongShan	78.45	306	LR	LR	08 50 56.8	-0.3
HNS	HongShan	78.45	306	LR	LR	08 51 00.2	-0.9

BTO	Baotou	81.03	310	S	S	08 53 00.0	-0.3
BTO	Baotou	81.03	310	S	S	08 53 09.5	+5.7
BTO	Baotou	81.03	310	S	S	08 58 56.0	-5.8
BTO	Baotou	81.03	310	S	S	09 03 00.8	-6.6
BTO	Baotou	81.03	310	S	S	09 08 10.8	-1.1
BTO	Baotou	81.03	310	S	S	09 13 55.7	
BTO	Baotou	81.03	310	S	S	08 51 09.0	-0.8
BTO	Baotou	81.03	310	S	S	08 51 09.6	-0.4
BTO	Baotou	81.03	310	S	S	08 51 09.4	-0.8
BTO	Baotou	81.03	310	S	S	09 17 55.6	
BTO	Baotou	81.03	310	S	S	08 51 13.8	-0.1
BTO	Baotou	81.03	310	S	S	09 14 41.7	
BTO	Baotou	81.03	310	S	S	09 12 35.1	
BTO	Baotou	81.03	310	S	S	08 51 17.1	-0.5
BTO	Baotou	81.03	310	S	S	09 14 47.5	
BTO	Baotou	81.03	310	S	S	09 14 39.1	
BTO	Baotou	81.03	310	S	S	08 51 19.8	-0.5
BTO	Baotou	81.03	310	S	S	08 51 21.1	-0.3
BTO	Baotou	81.03	310	S	S	08 51 21.6	-1.2
BTO	Baotou	81.03	310	S	S	08 51 25.4	-1.6
BTO	Baotou	81.03	310	S	S	09 16 21.5	
BTO	Baotou	81.03	310	S	S	08 51 28.1	-0.8
BTO	Baotou	81.03	310	S	S	09 20 26.5	
BTO	Baotou	81.03	310	S	S	08 51 30.2	-1.5
BTO	Baotou	81.03	310	S	S	08 51 32.9	-0.3
BTO	Baotou						

Table with columns: NACGM, Name, Time, Az, El, P, Res, and various other codes. Includes entries like NACGM Naroch, MAK Makchachkala, SADO Sadowa, etc.

Table with columns: J26L, Name, Time, Az, El, P, Res, and various other codes. Includes entries like J26L Joseph Creek, GRNC Granite Creek, ULN Ulanbaatar, etc.

Table with columns: Code, Station Name, Time, Az, El, P, Res, and various other codes. Includes sections for KRSC 27 10:08:52.9, IDC 27 10:23:19.2, HEL 27 10:47:48.4, and UPP 27 10:47:49.8.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like RANF, BURU, HEL1, UMAU, MEF, OLKF, KALU, ODEU, RAF, RNF, ARBE, HUSU, SVAU, LILU, BREU, ERTU, HARRU, SGF, KLF, HEMU, AAL, VRF, ARCES, NOA.

IDC 27 10:49:57.02, 0.9, 17.45N, 145.89E, h0km, mb3.6/5, mbtmp3.6/6, ML3.1/1, MS2.1/1, Error ellipse: s-maj=53.9km s-min=20.6km az=108.0

NEIC 27 10:50:12.0, 1.0, 17.24N, 0.08, 146.1E, 0.1, h108km, g6km, mb4.1/34, Error ellipse: s-maj=14.9km s-min=11.7km az=84.0

ISC 27 10:50:10.4, 0.6, 17.28N, 0.08, 146.0E, 0.2, h100km, n45, c084/46, mb4.0/21, Mariana Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like GUMO, JOW, FAKI, MTN, WB0, WR0, WB2, WRA, FITZ, AS31, ASAR, PSAA0, ARMA, STKA, BBOO, CAN, MORW, G19K, J20K, C19K, F20K, CAST, IMAR, H21K, I21K, I23K, ILAR, C23K, D27M, BMAR, EGAK, BVAR, D27M, H29M, G31M, INK, A36M.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like ABKAR, J05D, PINE, SPB2, NVAR, LPAZ.

IDC 27 11:03:43.3, 2.8, 7.13S, 128.66E, h0km, mb3.3/1, mbtmp3.5/3, ML3.7/2, MS4.1/1, Error ellipse: s-maj=282.0km s-min=33.2km az=66.0

ISC 27 11:03:42.1, 1.6, 7.1S, 0.1, 129.6E, 0.2, h10km, n10, c262/10, Banda Sea

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like DR5, MTN, KDU, FITZ, WRA, QIS, ASAR, AS01, USRK, MKAR.

JMA 27 11:15:58.0, 0.1, 23.6N, 0.5, 122.2E, h18km, 2km, ASI/ES 27 11:15:58.0, 23.64N, 121.44E, h13km, ML3.8, Mw3.5, Moment Tensor Solution, Moment tensor: Scale 10^21 Nm; M0: 2.38; Mw: 0.62; Mw: 1.77; Mw: 0.40; Mw: 0.88; Mw: 0.59; Fault plane solution: M0: 2.2238x10^21 Np1: 29.97000°, 53.50000°, 191.73000°. NP2: 207.06000°, 836.53000°, 187.66000°. Principal axes: T P1g1: 3950°, Azm308.1850°; N P1g1: 3930°, Azm208.9410°; P P1g1: 4900°, Azm118.7330°

TAP 27 11:15:58.0, 23.64N, 121.44E, h13km, ML3.8, B, ISC 27 11:15:58.0, 0.8, 23.62N, 0.01x121.49E, 0.02, h13km, 4km, n176, c071/261, 5C-31D, Taiwan

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like EGFH, WARB, HGSD, SHUL, EHYH, EHY, ESH, ESL, TEYL, TEYL, YULB, YULB, YULB, ECBN, ECBN, EYUL, TWFI, ETM, VVDT, VVDT, HWA, LXIB, LXIB, CHKH, CHKH, OWD, OWD, FULB, TWD, TWD, WUSB, WUSB, SSSL, SSSL, CHGB, CHGB, CHKT, CHKT, EHD, ETL, ETL, NACB.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like NACB, WHF, WHF, ECS, WHYT, WHYT, SMLT, SMLT, ELDTW, WPL, WPL, WPL, TYC, DPDB, DPDB, FUSS, FUSS, WCS, WCS, TW, TW, TW, TDCB, TDCB, WJS, WJS, WJS, EAHA, CHN5, CHN5, WNT, WNT, WNT, LONT, LONT, WYTH, WYTH, NNSB, NNSB, NNSB, NNSH, STYT, WHP, NNS, NNS, WCKO, WCKO, ENA, WWF, WWF, TPUB, TPUB, WGW, WGW, EWUT, CHN4, CHN4, WDLH, WDLH, TWGB, TWGB, TWG, TWG, WYL, WYL, WYL, EOSA, LATG, LATG, TCU, TCU, TTN, TTN, CHN2, CHN2, LDUT, LDUT, TWQ1, TWQ1, TWQ1, NDT, CHN1, CHN1, CHY1, CHY1, TWK, TWK, SGST, SGST, SLGT, SLGT, SNST, SNST, SNST, ESAO, ESAO, E0S3, E0S3, WTK, WTK.

27d 12h

NEIC 27 12:45:03.6: 1.2, 10.10N, 0.07: 140.2E: 0.1, h10km, 1km, mb4.9/73, Error ellipse: s-maj=17.1km s-min=11.9km az=278.0

BUI 27 12:45:05.9: 0.0, 10.26N: 140.36E, h38km, mb4.7/40, mb4.9/14, Ms4.5/9, Ms7.4/16

ISC 27 12:45:05.2: 0.4, 10.07N: 0.06: 140.29E: 0.06, h26km, n395, o586/373, mb4.7/67, MS3/738, 1C-1D, Western Caroline Islands

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

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Main table of seismic events with columns: Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists individual seismic events.

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

1573

B21K	Ikpiq River	72.06	20	P	P	12 56 27.0 +0.2
H22K	Ishaitina Cre	72.08	24	P	P	12 56 26.7 -0.2
MLY	Manley	72.10	25	P	Iamb	12 56 27.3 +0.2
MLY	Manley	72.10	25	P	P	12 56 27.1 -0.1
F22K	John River	72.23	22	P	P	12 56 29.1 +1.3
KNK	Knik Glacier	72.27	29	P	P	12 56 27.6 -0.6
G22K	Kettles	72.31	23	P	P	12 56 29.3 +1.0
SML	Sawmill	72.41	28	P	P	12 56 28.8 -0.3
A22K	Sinclair Lake	72.43	18	P	P	12 56 29.3 +0.4
D22K	Aiyikyak River	72.47	20	P	Iamb	12 56 30.1 +0.8
D22K	Aiyikyak River	72.47	20	P	Iamb	12 56 31.6
D22K	Aiyikyak River	72.47	20	P	P	12 56 29.7 +0.5
P23K	Montague Islan	72.51	30	P	P	12 56 30.3 +0.7
WAT1	Susitna Watana	72.52	27	P	P	12 56 29.9 +0.2
MCK	Mckinley	72.55	26	P	P	12 56 29.8 -0.1
M23K	Glacier View	72.69	28	P	P	12 56 30.9 +0.2
NEA2	Nenana	72.69	25	P	P	12 56 31.5 +0.9
B22K	Teshkepkuk Lake	72.69	19	P	P	12 56 31.0 +0.5
I23K	Minto, Yukon-K	72.70	25	P	Iamb	12 56 31.2 +0.5
I23K	Minto, Yukon-K	72.70	25	P	Iamb	12 56 32.5
I23K	Minto, Yukon-K	72.70	25	P	P	12 56 30.9 +0.3
H23K	Yukon River	72.79	24	P	P	12 56 31.7 +0.5
G23K	Bananza Creek	72.82	23	P	P	12 56 32.2 +0.8
G23K	Bananza Creek	72.82	23	P	P	12 56 32.2 +0.8
WAT6	Susitna Watana	72.84	27	P	P	12 56 32.2 +0.5
SCM	Sheep Creek Mo	72.88	28	P	P	12 56 32.5 +0.6
COLD	Coldfoot	72.89	22	P	P	12 56 32.7 +0.9
DHY	Denali Highway	73.10	27	P	P	12 56 33.9 +0.6
D23K	Nanushuk River	73.19	21	P	P	12 56 35.0 +1.6
D23K	Nanushuk River	73.26	25	P	P	12 56 35.0 +1.6
E23K	Chandalar	73.32	22	P	P	12 56 35.2 +0.8
EYAK	Cordova Ski Ar	73.41	30	P	P	12 56 35.9 +0.9
C23K	Iklikik River	73.45	20	P	Iamb	12 56 35.4 +0.4
C23K	Iklikik River	73.45	20	P	Iamb	12 56 37.0
C23K	Iklikik River	73.45	20	P	P	12 56 36.1 +1.1
H24K	Noodor Dome	73.46	24	P	P	12 56 35.7 +0.5
M24K	Tolsona, Glenn	73.47	28	P	P	12 56 35.6 +0.3
KLU	Klutina	73.48	29	P	P	12 56 35.9 +0.5
POKR	Poker Plat Res	73.49	25	P	P	12 56 35.6 +0.3
TOLK	Toolik Lake Re	73.49	21	P	Iamb	12 56 36.0 +0.7
TOLK	Toolik Lake Re	73.49	21	P	Iamb	12 56 37.5
TOLK	Toolik Lake Re	73.49	21	P	P	12 56 36.4 +1.1
HLA	Harding Lake	73.55	26	P	P	12 56 36.1 +0.4
IDR	Eielson Array	73.64	25	P	P	12 56 35.5 -0.7
ILAR	Eielson Array	73.64	25	P	P	12 56 35.1 -1.2
ILAR	Eielson Array	73.64	25	P	LR	12 56 35.1 -1.2
ILAR	Eielson Array	73.64	25	P	LR	12 56 35.1 -1.2
E24K	Your Creek	73.74	22	P	P	12 56 37.4 +0.6
E24K	Your Creek	73.74	22	P	P	12 56 37.4 +0.6
G24K	Hadweznic Riv	73.80	23	P	Iamb	12 56 38.4 +1.3
G24K	Hadweznic Riv	73.80	23	P	Iamb	12 56 39.4
G24K	Hadweznic Riv	73.80	23	P	P	12 56 37.5 +0.3
F24K	Happy Valley	73.83	22	P	P	12 56 38.2 +0.8
D24K	Happy Valley	73.88	21	P	P	12 56 38.7 +1.1
PAX	Paxson	73.93	27	P	Iamb	12 56 38.2 +0.1
PAX	Paxson	73.93	27	P	Iamb	12 56 39.5
PAX	Paxson	73.93	27	P	P	12 56 39.0 +0.9
K24K	Donnelly Dome	73.94	26	P	P	12 56 38.7 +0.7
KAIM	Kayak Island	73.98	30	P	P	12 56 38.8 +0.5
HARP	Harpe	73.98	28	P	P	12 56 39.0 +0.7
BMRM	Bremner River	74.03	29	P	P	12 56 39.2 +0.6
C24K	Franklin Bluff	74.06	20	P	P	12 56 39.4 +0.9
N25K	Chitina, Valde	74.12	29	P	P	12 56 40.1 +0.9
J25K	Salcha River	74.26	26	P	P	12 56 40.0 +0.1
J25K	Salcha River	74.26	26	P	P	12 56 40.2 +0.3
PRP	Porcupine Dome	74.35	25	P	P	12 56 41.0 +0.4
G25K	Bearman Lake	74.35	23	P	P	12 56 40.7 +0.3
H25L	Birch Creek	74.37	24	P	P	12 56 40.9 +0.5
GLB	Gilahina Butte	74.48	29	P	Iamb	12 56 40.9 -0.4
GLB	Gilahina Butte	74.48	29	P	Iamb	12 56 42.9
PPT	Papeete	74.51	111	LR	LR	13 25 15.2
PPT2	Papeete2	74.52	111	eS	LR	13 06 13.6 -2.8
PPT2	Papeete2	74.52	111	eS	LR	13 19 30.9
FYU	Fort Yukon	74.66	24	P	P	12 56 43.3 +1.3
F25K	Christian River	74.69	22	P	P	12 56 42.7 +0.3
CRQK	Cirque	74.74	30	P	P	12 56 42.9 0.0
SCRK	Sand Creek	74.75	26	P	P	12 56 43.0 +0.2
SCRK	Sand Creek	74.75	26	P	P	12 56 43.3 +0.4
D25K	Kavik River	74.77	21	P	P	12 56 43.5 +0.7
E25K	Arctic Village	74.81	22	P	Iamb	12 56 43.7 +0.7
E25K	Arctic Village	74.81	22	P	Iamb	12 56 45.6
E25K	Arctic Village	74.81	22	P	P	12 56 43.8 +0.7
MCARA	McCarthy VSAT	74.84	29	P	P	12 56 43.5 +0.2
L26K	Log Cabin Wild	74.90	27	P	P	12 56 44.2 +0.5
M26K	Nabesna, AK	74.98	28	P	P	12 56 45.4 +1.3
J26L	Joseph Creek	75.01	26	P	P	12 56 44.3 -0.1
J26L	Joseph Creek	75.01	26	P	P	12 56 44.6 +0.3
BMAR	Burnt Mountain	75.06	23	P	P	12 56 45.3 +0.8
MESA	Mesa	75.24	30	P	P	12 56 45.9 0.0
F26K	Sheenjek River	75.27	22	P	P	12 56 46.4 +0.7
G26K	Porcupine River	75.29	23	P	P	12 56 46.6 +0.9
I26K	Coal Creek Min	75.30	25	P	P	12 56 45.8 -0.1

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GRNC	Granite Creek	75.39	30	P	Iamb	12 56 47.7 +0.9
GRNC	Granite Creek	75.39	30	P	Iamb	12 56 48.5
C26K	Camden Bay	75.39	20	P	P	12 56 47.1 +0.8
M27K	Edge Creek, AK	75.49	28	P	P	12 56 47.5 +0.2
K27K	Chicken	75.59	26	P	P	12 56 48.6 +1.0
L27K	Beaver Creek,	75.59	27	P	P	12 56 48.0 +0.4
CTG	Chitna Glacier	75.61	30	P	P	12 56 48.5 +0.6
CTGM	Chitna Glacie	75.61	30	P	P	12 56 48.0 0.0
C27K	Jago River	75.75	21	P	P	12 56 49.4 +1.0
I27K	Kandik River	75.97	25	P	P	12 56 50.6 +0.9
EGAK	Eagle	76.07	26	P	P	12 56 51.1 +0.9
P1NM	Pinnacle	76.08	30	P	P	12 56 51.1 +0.6
H27K	Steamboat Moun	76.08	24	P	P	12 56 51.2 +0.9
G27K	Doyon Strip	76.10	24	P	P	12 56 51.1 +0.7
YUK3	Moose Creek	76.10	29	P	P	12 56 51.4 +0.6
ABKAR	Abkulk array	76.14	318	P	P	12 56 50.0 -0.9
O28M	Mount Upton	76.16	30	P	P	12 56 51.8 +0.6
E27K	Coleen River	76.29	22	P	Iamb	12 56 52.3 +0.8
E27K	Coleen River	76.29	22	P	Iamb	12 56 53.7
E27K	Coleen River	76.29	22	P	P	12 56 52.3 +0.8
YUK8	Steele Glacier	76.40	29	P	P	12 56 53.5 +0.9
PNL	Peninsula	76.48	31	P	P	12 56 53.5 +0.8
I28M	Miner Creek	76.65	25	P	Iamb	12 56 54.5 +0.8
I28M	Miner Creek	76.65	25	P	Iamb	12 56 55.6
I28M	Miner Creek	76.65	25	P	P	12 56 54.8 +1.1
D27M	Malcolm River	76.65	21	P	P	12 56 54.8 +1.2
DAWY	Dawson	76.77	26	P	P	12 56 55.6 +1.3
F28M	Old Crow	76.88	23	P	Iamb	12 56 55.5 +0.6
F28M	Old Crow	76.88	23	P	Iamb	12 56 57.0
F28M	Old Crow	76.88	23	P	P	12 56 55.7 +0.9
O29M	Mount Kennedy	76.92	30	P	P	12 56 56.3 +1.0
YUK4	Talbot Ar	76.94	29	P	P	12 56 57.0 +1.4
YUK6	Outpost Mounta	77.06	30	P	P	12 56 57.6 +1.3
M29M	Somme Creek	77.09	28	P	P	12 56 56.9 +0.7
E28M	Babbage River	77.10	22	P	P	12 56 57.3 +1.2
ARU	Arti	77.10	326	LR	LR	13 31 19.6
L29M	L29M	77.27	27	P	P	12 56 58.4 +1.2
P29M	Win Craggy	77.32	31	P	P	12 56 58.7 +1.2
I29M	Ogilvie Camp,	77.32	25	P	P	12 56 58.3 +1.0
H29M	Whitestone	77.35	24	P	P	12 56 58.1 +0.6
H29M	Whitestone	77.35	24	P	P	12 56 58.8 +1.3
HYT	Haines Junctio	77.47	30	P	P	12 57 00.0 +1.6
G29M	Pine Creek	77.54	24	P	P	12 56 59.6 +1.1
K29M	Barlow Dome	77.58	27	P	P	12 56 60.0 +1.0
K29M	Barlow Dome	77.58	27	P	Iamb	12 57 01.3
K29M	Barlow Dome	77.58	27	P	P	12 57 00.4 +1.4
N30M	Aishik Lake	77.69	29	P	P	12 57 01.0 +1.4
P30M	Million Dollar	77.72	31	P	P	12 57 01.2 +1.4
GEYT	Alibek	77.73	307	P	P	12 57 00.4 +0.2
M30M	Minto, Yukon	77.87	28	P	Iamb	12 57 01.5 +1.0
M30M	Minto, Yukon	77.87	28	P	Iamb	12 57 02.8
M30M	Minto, Yukon	77.87	28	P	P	12 57 01.1 +0.6
PLBC	Pleasant Camp	78.02	31	P	P	12 57 02.5 +1.2
EPYK	Eagle Plains	78.03	24	P	P	12 57 02.4 +1.0
S31K	Pelican	78.08	30	P	P	12 57 02.9 +1.2
I30M	Mount Dempster	78.13	25	P	P	12 57 02.9 +0.9
J30M	Hart River	78.13	26	P	P	12 57 02.8 +0.8
O30N	Mendhall	78.17	30	P	P	12 57 02.2 0.0
G30M	IAOH Zraji Nji	78.25	24	P	P	12 57 03.2 +0.7
N31M	Braeburn, Yuko	78.32	29	P	P	12 57 03.9 +0.8
F30M	Barrier River	78.44	23	P	P	12 57 04.6 +1.1
SKAG	Skagway	78.55	31	P	P	12 57 05.3 +1.1
SIT	Sitka	78.57	34	P	P	12 57 05.7 +1.3
WHY	Whithorse	78.76	30	P	P	12 57 06.5 +0.9
S32K	Killisnoo	78.97	33	P	P	12 57 07.3 +0.7
M31M	Drury Creek, Y	78.98	28	P	P	12 57 07.8 +1.2
R32K	Eaglecrest	78.98	32	P	P	12 57 07.6 +0.9
H31M	Peel River	78.98	25	P	P	12 57 07.3 +0.7
G31M	Satah River	79.02	24	P	P	12 57 07.4 +0.8
F31M	Tsightehcic	79.22	23	P	P	12 57

27d 14h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

2018 JUN

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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

1574

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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

2018 JUN

Table with columns: ID, Name, RA, Dec, Az, El, Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSUI, HHAR, X37A, LOOK, N35A, P38A, Z35A, MGMO, MIAR, R40A, RTBA, FCAR, Z38A, WHAR, FW07, DKNS, X40A, P40A, N38A, CCM, ABTX, SNO7, OGNE, LCAR, SNO5, POST, Z41A, FVM, T25A, K30B, SLM, NATX, BRDY, Q24A, ECSD, 435B, 143A, L40A, OXF, OZNA, JCT, SUSD, Y45A, I37A, PHWY, OLIL, N23A, L42A, ANMO, WVT, JFWS, PLAL, HND0, DRIO, SAND, I40A, 735A, F33A, SPMN, Z47A, RWWY, 833A, I42A, TXAR, TXAR, TXAR, G40A, PDAR, PDAR, ULM, ULM, ULM.

body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
CATAC 27 14:45:17.7z.0.4, 13.93N:01.69W, h11km, 3km, MB5.5, ML5.4
NEIC 27 14:45:20.9z.1.6, 14.13N:0.09z.91.56W:0.09, h69km, 6km, mb4.8/7.4, Error ellipse: s-maj=15.7km s-min=8.5km az=225.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SULM, RTAL, STG3, SOKI, FUG, PCG, QUIS, NBC, BLOZ, LOAL, NUBE, RTR, CEVE, SUNE, MRL, JAYA, CEDA, CCIG, MTO3, ESQI, PMON, QUEZ, BOQS, LALI, ITCA, UUES, SNET, UTEC, IGN, PANCS, LOMA, UDBS, LLAGN, PAVA, COEG, UESV, TECA, PETF, JUCU, INTU, LCND, CNCH.

Table with columns: ID, Name, RA, Dec, Az, El, Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AMPH, TGUH, CMIG, YUSH, CRIN, CNGN, BOAB, ACON, ACON, ACON, TEIG, TEIG, SAJU, JUD3, ESPN, ESPN, TLSP, TLIG, JTS, JTS, JTS, HDC, HDC, LCR2, BRU2, MOIG, MOIG, SOR, ZAI2, ZAI2, 061Z, 833A, 833A, 060A, DWPF, DWPF, DWPF, 346A, 553A, DRIO, 656A, 435B, BRAL, BRAL, NATX, JCT, JCT, VBMS, HPIG, 352A, BRDY, 250A, SAND, WHTX, 146A, TIGA, TXAR, TXAR, TXAR, OZNA, Z47A, LRAL, LRAL, LRAL, ROSC, ROSC, ROSC, PLPT, PLPT, SGCY, SGCY, ABTX, SDDR, OXF, LOOK, MIAR, WFTS, GOGA, GOGA, X34A, SDV, WMOK, MNTX, NHSC, V48A, V48A, TUL3.

27d 14h

IDC 27 14:45:09.4z.0.8, 14.09N:91.03W, h0km, mb4.4/15, mbmp4.5/17, ML4.8/2, MCS:9/48, Error ellipse: s-maj=27.4km s-min=21.1km az=36.0
GCMT 27 14:45:17.9z.0.3, 14.00N:0.02z.91.89W:0.02, h45km, 1km, MW5.0/103, Moment Tensor Solution. s44, c53; s103, c149; Duration: 0 Moment tensor: Scale 1016Nm; M=2.18z.16; Mw=1.82z.10; Mo=0.35z.11; Mo0.52z.08; Mw=1.58z.08; Mw=2.59z.10; Best double couple; Mo3.67500z.1016 NP1.0z.332.00000z.0.870.00000z.1-63.00000z. NP2.0z.96.00000z.0.833.00000z.1-141.00000z. Principal axes: T 3.5220, P1g2.0000z, Azm42.0000z; N 0.2970, P1g25.0000z, Azm142.0000z; P -3.8270, P1g57.0000z, Azm278.0000z; nsta1 refers to

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EGAK	Eagle	60.77 338	P	P	14 55 24.2 +0.1
ALF01	Guarapari-ES	60.78 124	eP	P	14 55 25.1 +0.3
G29M	Pine Creek	60.91 341	P	P	14 55 26.0 +0.9
KLU	Klutina	61.06 334	P	P	14 55 27.0 +0.8
P23K	Montague Islan	61.09 332	P	P	14 55 26.5 +0.1
HARP	HAARP	61.14 335	P	P	14 55 27.2 +0.5
ABR01	Abrolhos, BA	61.17 120	eP	P	14 55 28.0 +0.4
A36M	Sachs Harbour	61.24 349	P	P	14 55 28.2 +1.0
GLI	Glacier Island	61.31 333	P	P	14 55 28.4 +0.5
I27K	Kandik River	61.37 339	P	P	14 55 28.9 +0.6
SCRK	Sand Creek	61.42 337	P	P	14 55 29.8 +1.1
M24K	Tolsona, Glenn	61.44 334	P	P	14 55 29.3 +0.5
J26L	Joseph Creek	61.51 337	P	IAMB	14 55 30.1 +0.8
J26L	Joseph Creek	61.51 337	P	IAMB	14 55 31.3
J26L	Joseph Creek	61.51 337	P	P	14 55 29.9 +0.6
PAX	Paxos	61.53 335	P	P	14 55 29.5 0.0
H27K	Steamboat Moun	61.68 339	P	P	14 55 31.1 +0.8
E29M	Blow River	61.77 342	P	P	14 55 31.9 +1.0
I26K	Coal Creek Min	61.77 338	P	P	14 55 31.2 +0.4
SCM	Sheep Creek Mo	61.81 334	P	P	14 55 31.5 +0.2
F28M	Old Crow	61.91 341	P	P	14 55 32.6 +0.8
M23K	Glacier View	61.97 333	P	P	14 55 32.6 +0.3
K24K	Donnelly Dome	62.03 336	P	P	14 55 33.8 +1.0
G27K	Doyon Strip	62.04 340	P	P	14 55 33.8 +1.1
SEW	Seward	62.08 331	P	P	14 55 33.7 +0.7
KNK	Knik Glacier	62.13 333	P	P	14 55 34.7 +1.2
SML	Sawmill	62.24 333	P	P	14 55 34.6 +0.4
J25K	Salcha River,	62.25 337	P	P	14 55 35.1 +0.9
WAT6	Susitna Watana	62.30 334	P	P	14 55 35.5 +0.8
DHY	Denali Highway	62.36 335	P	P	14 55 35.4 +0.4
E28M	Babbage River	62.38 342	P	P	14 55 35.5 +0.5
BRSE	Bradley Lake S	62.56 331	P	P	14 55 37.6 +1.3
D28M	Stokes Point	62.58 343	P	P	14 55 36.8 +0.6
RC01	Rabbit Creek A	62.58 332	P	P	14 55 37.7 +1.4
WRP	Porcupine Dome	62.74 338	P	P	14 55 38.1 +0.6
WAT1	Susitna Watana	62.74 334	P	P	14 55 38.6 +1.1
H24K	Harding Lake	62.77 336	P	P	14 55 38.3 +0.7
E27K	Coleen River	62.77 341	P	P	14 55 38.4 +0.8
G26K	Porcupine River	62.83 340	P	P	14 55 39.4 +1.5
KDAK	Kodiak Island	62.83 328	P	P	14 55 39.3 +1.2
KDAD	Kodiak Island	62.83 328	P	P	14 55 40.9 +2.8
IL31	Kodiak Island	62.90 337	P	P	14 55 38.6 +0.2
ILAR	Eielson Array	62.90 337	P	P	14 55 38.6 +0.1
OHAK	Old Harbor	63.03 328	P	P	14 55 40.5 +1.1
CAPN	Captain Cook N	63.11 332	P	P	14 55 41.1 +1.3
SUA	Susitna One	63.17 333	P	P	14 55 41.3 +0.8
D27M	Malcolm River	63.17 342	P	P	14 55 41.2 +0.9
H25K	Birch Creek	63.20 338	P	P	14 55 41.1 +0.8
PKSR	Poker Plat Res	63.27 337	P	P	14 55 41.7 +0.8
MCK	McKinley	63.27 335	P	P	14 55 41.9 +1.0
CUT	Chulitna	63.31 334	P	P	14 55 42.5 +1.4
COLA	College	63.32 337	P	P	14 55 41.6 +0.4
COLA	College	63.33 340	P	P	14 55 42.1 +0.8
F26K	Sheenjek River	63.33 340	P	P	14 55 43.3 +0.7
G25K	Bearman Lake	63.53 339	P	P	14 55 43.8 +0.8
O20K	Slope Mountain	63.57 331	P	P	14 55 44.1 +0.5
SPU	Mount Spurr	63.66 332	P	IAMB	14 55 45.0
SPU	Mount Spurr	63.66 332	P	IAMB	14 55 45.0
NEA2	Nenana	63.67 336	P	P	14 55 44.5 +0.9
Q19K	Cape Douglas,	63.70 329	P	P	14 55 44.7 +0.8
SKT	Skwena	63.70 333	P	P	14 55 44.7 +0.8
R18K	Karluk	63.73 328	P	P	14 55 45.3 +1.3
N20K	Mount Spurr	63.74 332	P	P	14 55 45.2 +1.0
SPCR	Spurr Chakacha	63.74 332	P	P	14 55 44.3 +0.1
H24K	Noodor Dome	63.75 338	P	P	14 55 45.0 +0.8
F25K	Christian River	63.77 340	P	P	14 55 45.1 +0.8
ICESG	Greenland Ices	63.90 18	eP	P	14 55 42.4 -3.0
CHIR	Chirikof Islan	63.91 326	P	P	14 55 45.9 +0.7
G24K	Hadweenciz Riv	63.99 339	P	P	14 55 46.8 +1.1
E25K	Arctic Village	64.01 340	P	P	14 55 46.7 +1.0
I23K	Minto, Yukon-K	64.02 337	P	P	14 55 46.7 +0.9
C27K	Jago River	64.20 342	P	P	14 55 47.7 +0.7
BPWA	Bear Paw Mtn.	64.25 335	P	P	14 55 47.7 +0.3
PPLA	Purkeypile	64.31 334	P	P	14 55 48.2 +0.2
H23K	Yukon River	64.36 337	P	P	14 55 48.9 +0.8
M20K	Styx River	64.38 333	P	P	14 55 48.9 +0.5
CAST	Castle Rocks	64.45 334	P	P	14 55 48.6 -0.1
F24K	Squaw Lake	64.50 339	P	P	14 55 50.1 +1.1
MLY	Manley	64.51 336	P	P	14 55 49.3 +0.2
N19K	Bonanza Creek	64.67 331	P	P	14 55 50.6 +0.3
CHUM	Lake Minchumin	64.71 335	P	P	14 55 51.6 +1.2
O18K	Koktuh Hills	64.74 330	P	P	14 55 51.5 +0.9
D25K	Kavik River	64.85 341	P	P	14 55 51.7 +0.4
G23K	Bananza Creek	64.91 338	P	P	14 55 52.8 +1.2
L20K	Farewell, AK	64.91 333	P	P	14 55 52.3 +0.6
E24K	Your Creek	64.95 340	P	P	14 55 52.3 +0.4
M19K	Big River Lodg	64.96 332	P	P	14 55 52.3 +0.2
H22K	Ishlitaia Cre	64.98 337	P	P	14 55 53.2 +0.4

COLD	Coldfoot	65.18 339	P	P	14 55 54.0 +0.6
PPT	Papeete	65.21 243	LR	LR	15 16 38.9
PP2T	Papeete2	65.22 243	eP	P	14 55 55.2 +0.7
PP2T	Papeete2	65.22 243	eLR	LR	15 15 14.3
PP2T	White Mountain	65.25 333	P	LR	15 15 29.3
L19K	White Mountain	65.25 333	P	P	14 55 54.4 +0.4
K20K	Telida	65.27 334	P	P	14 55 54.1 0.0
N18K	Kilae Creek	65.29 331	P	P	14 55 55.0 +0.8
E23K	Chandalar	65.33 339	P	P	14 55 55.2 +0.8
M18K	Stor River	65.49 332	P	P	14 55 56.0 +0.6
G22K	Bettles	65.53 338	P	P	14 55 56.0 +0.4
H21K	Melozitna River	65.54 336	P	P	14 55 55.8 0.0
TOLK	Toolik Lake Re	65.56 340	P	P	14 55 55.8 -0.1
TOLK	Toolik Lake Re	65.56 340	P	P	14 55 56.4 +0.5
J20K	Nowitna River	65.57 335	P	P	14 55 56.5 +0.6
J20K	Nowitna River	65.57 335	P	P	14 55 56.2 +0.3
O17K	Koliganek Bris	65.64 330	P	P	14 55 57.0 +0.5
I20K	Naaghedeneel	65.91 335	P	P	14 55 57.9 -0.2
CHNA	Chernabura Isl	65.92 324	P	P	14 55 58.8 +0.5
F22K	John River	66.00 338	P	P	14 55 59.7 +1.0
D23K	Nanushuk River	66.07 340	P	P	14 55 60.0 +1.0
SUMS	Summit	66.08 115	P	P	14 55 58.8 -0.8
L18K	Granite Mounta	66.08 332	P	P	14 55 59.4 +0.2
L18K	Granite Mounta	66.08 332	P	P	14 55 59.8 +0.6
O16K	Kokwok River B	66.08 329	P	P	14 56 00.2 +0.9
G21K	Allakaket	66.12 337	P	P	14 56 00.2 +0.7
J19K	Poorman	66.13 334	P	P	14 55 59.5 -0.1
M17K	Holta River	66.21 331	P	P	14 56 00.6 +0.5
H20K	Anotleneega Mo	66.30 336	P	P	14 56 01.3 +0.7
F21K	Alatna River	66.36 338	P	P	14 56 01.9 +0.9
F21K	Alatna River	66.36 338	P	P	14 56 02.2 +1.2
C23K	Ikiliik River	66.41 341	P	P	14 56 02.2 +1.0
J18K	Innoo River	66.44 334	P	P	14 56 02.2 +0.6
D22K	Ayikyak River	66.70 340	P	P	14 56 04.0 +0.9
L17K	Donlin	66.79 332	P	P	14 56 04.1 +0.4
H19K	Roundabout Mou	66.93 336	P	P	14 56 05.1 +0.5
K17K	Iditarod	66.94 333	P	P	14 56 05.0 +0.3
H17K	Kiliik River	66.97 339	P	P	14 56 06.0 +1.1
F20K	Avaraart Lake	67.13 337	P	IAMB	14 56 05.9 +0.1
F20K	Avaraart Lake	67.13 337	P	IAMB	14 56 07.5
F20K	Avaraart Lake	67.13 337	P	P	14 56 06.5 +0.7
N15K	Kwethluk River	67.19 330	P	P	14 56 07.3 +0.9
L16K	Owhat River	67.23 331	P	P	14 56 07.7 +1.1
G19K	Purcell Mounta	67.36 336	P	P	14 56 08.1 +0.7
J17K	VABM Dome	67.45 333	P	P	14 56 08.5 +0.6
S12K	Black Hills	67.45 325	P	P	14 56 09.1 +1.0
B22K	Teshchuk Lake	67.50 341	P	P	14 56 08.9 +0.8
C21K	Knifeblade Rid	67.50 340	P	P	14 56 09.4 +1.1
M15K	Kasigluk River	67.59 330	P	P	14 56 09.7 +0.8
H18K	Honhosua River	67.59 335	P	P	14 56 09.6 +0.8
O14K	Tigyuakuiwet M	67.60 329	P	P	14 56 09.4 +0.5
B21K	Ikipkik River	67.61 340	P	P	14 56 09.2 +0.3
E20K	Nigu River	67.69 339	P	P	14 56 10.2 +0.7
E19K	Redstone River	67.81 338	P	P	14 56 11.0 +0.8
F19K	Shalerucik Mo	67.83 337	P	P	14 56 10.9 +0.7
G18K	Tagagawik	67.91 336	P	P	14 56 11.9 +1.1
N14K	Kuskokwak Cree	67.93 329	P	P	14 56 11.8 +0.8
D20K	Etlvuk River	67.98 339	P	P	14 56 11.9 +0.7
J16K	Anvik River	68.09 333	P	P	14 56 12.8 +0.9
J16K	Anvik River	68.09 333	P	IAMB	14 56 15.7
J16K	Anvik River	68.09 333	P	IAMB	14 56 13.0 +1.0
FALS	False Pass	68.11 324	P	P	14 56 13.8 +1.6
L15K	Ungalak Mounta	68.16 331	P	P	14 56 13.7 +1.3
H17K	Granite Mounta	68.18 335	P	P	14 56 13.2 +0.7
M14K	Bethel	68.22 330	P	P	14 56 13.2 +0.5
M14K	Bethel	68.22 330	P	P	14 56 13.6 +0.9
A22K	Sinclair Lake	68.22 342	P	P	14 56 13.6 +1.0
I17K	Unalakleet	68.26 334	P	P	14 56 13.7 +0.7
K15K	Wolf Creek Mou	68.30 332	P	P	14 56 14.0 +0.7
D19K	Kuna River	68.44 339	P	P	14 56 15.0 +0.9
F18K	Belawik	68.48 337	P	P	14 56 15.1 +0.8
B20K	Meade River	68.58 340	P	P	14 56 15.7 +0.8
G17K	Kwialik Mounta	68.61 335	P	P	14 56 16.5 +1.3
L14K	Kuka Creek	68.67 331	P	P	14 56 16.6 +1.0
M13K	Dall Lake	68.83 330	P	P	14 56 17.9 +1.3
BORG	Borgarnes	69.00 26	LR	LR	15 26 30.1
E18K	Tukpalearik C	69.05 337	P	P	14 56 18.5 +0.6
F17K	Baldwin Pennin	69.07 336	P	P	14 56 18.5 +0.5
H16K	Elim	69.08 334	P	P	14 56 18.9 +0.8
C19K	Lookout Ridge	69.12 339	P	P	14 56 19.3 +1.0
G16K	Koyuk River	69.28 335	P	P	14 56 20.2 +0.9
J14K	Nanvranak Lak	69.31 332	P	P	14 56 20.2 +0.7
E17K	Hotham Inlet	69.44 337	P	P	14 56 21.0 +0

27d 16h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like N19K Bonanza Creek, CRQG Cirque, GHO Glory Hole Cre, etc.

2018 JUN

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CRAG Craig, J16K Anvik River, P33M Teslin, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like GVD Monemvasia, MNVA Monemvasia, VLI Velia, etc.

JMA 27 16:04:58.0; 5.0; 2.5; 4N; 0.9; 124.8E; 0.5; h11km, 4km, MD4.7/11, MW4.6/11, NW OFF MIYAKOJIMA ISLAND

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like IKEMAJIMA, IRABUJIMA, etc.

ICD 27 16:05:06.2; 4.7; 2.5; 45N; 124.79E; h64km, 52km, mb3.2/9, mbmp3.5/11, ML3.1/2, MS3.7/18

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like IKEMAJIMA, IRABUJIMA, etc.

YULB Tu-hi, SSBLB Sungsung, TPUB Ta-pu, JNU Nakatsue, etc.

27d 16h

G21K	Allakaket	32.28	36	P	P	16 15 27.8 +0.5
G21K	Allakaket	32.28	36	P	P	16 15 29.1
G20K	Slope Mountain	32.30	48	P	P	16 15 28.5 +0.9
C21K	Knifblade Rid	32.34	31	P	P	16 15 28.5 +0.7
F21K	Alatna River	32.41	35	P	P	16 15 29.0 +0.6
H21K	Melozitna Rive	32.44	38	P	P	16 15 30.1 +1.3
E21K	Kilik River	32.46	33	P	P	16 15 28.0 -0.9
E21K	Kilik River	32.46	33	P	P	16 15 29.7 +0.8
CHUM	Lake Minchumin	32.49	41	P	P	16 15 31.0 +1.8
B21K	Ikkipuk River	32.52	30	P	P	16 15 30.5 +1.2
B21K	Ikkipuk River	32.52	30	P	P	16 15 30.5 +1.2
CAST	Castle Rocks	32.57	42	P	P	16 15 31.6 +1.7
CAST	Castle Rocks	32.57	42	P	P	16 15 31.1 +1.2
A22K	Sinclair Lake	32.78	28	P	P	16 15 32.4 +0.7
SKT	Skwentna	32.79	45	P	P	16 15 32.9 +1.1
F22K	John River	32.95	34	P	P	16 15 34.0 +0.8
D22K	Aiyikay River	33.01	32	P	P	16 15 34.3 +0.6
D22K	Aiyikay River	33.01	32	P	P	16 15 35.6
H22K	Ishlaltina Cre	33.06	38	P	P	16 15 35.7 +1.6
BPAW	Bear Paw Mtn.	33.09	41	P	P	16 15 35.2 +0.8
BPAW	Bear Paw Mtn.	33.09	41	P	P	16 15 35.6
KTH	Kantishna Hill	33.10	42	P	P	16 15 35.5 +1.0
KTH	Kantishna Hill	33.10	42	P	P	16 15 36.9
B22K	Teshkepuk Lake	33.10	29	P	P	16 15 34.4 0.0
B22K	Teshkepuk Lake	33.10	29	P	P	16 15 35.5 +1.2
G22K	Bettles	33.12	36	P	P	16 15 34.9 +0.2
MLY	Manley	33.25	39	P	P	16 15 36.5 +0.7
MLY	Manley	33.25	39	P	P	16 15 49.6
MLY	Manley	33.25	39	P	P	16 15 37.5 +1.7
BRSE	Bradley Lake S	33.26	49	P	P	16 15 38.0 +2.0
COLD	Footloft	33.67	35	P	P	16 15 40.6 +1.2
RC01	Rabbit Creek A	33.68	46	P	P	16 15 41.1 +1.6
G23K	Bananza Creek	33.68	36	P	P	16 15 39.6 0.0
G23K	Bananza Creek	33.68	36	P	P	16 15 40.2 +0.6
D23K	Nanushuk River	33.74	32	P	P	16 15 41.3 +1.3
H23K	Yukon River	33.80	38	P	P	16 15 41.9 +1.3
H23K	Yukon River	33.80	38	P	P	16 16 05.0
H23K	Yukon River	33.80	38	P	P	16 15 42.0 +1.3
I23K	Minto, Yukon-K	33.84	39	P	P	16 15 41.7 +0.8
I23K	Minto, Yukon-K	33.84	39	P	P	16 15 53.1
I23K	Minto, Yukon-K	33.84	39	P	P	16 15 41.4 +0.5
C23K	Itkilik River	33.92	30	P	P	16 15 42.1 +0.5
C23K	Itkilik River	33.92	30	P	P	16 15 41.7 +0.1
NEA2	Nenana	33.94	40	P	P	16 15 42.6 +0.8
MCK	McKinley	33.99	42	P	P	16 15 43.0 +0.8
E23K	Chandalar	33.99	34	P	P	16 15 43.0 +0.7
RND	Reindeer	34.02	42	P	P	16 15 43.0 +0.4
RND	Reindeer	34.02	42	P	P	16 15 43.0 +0.4
TOLK	Toolik Lake Re	34.09	33	P	P	16 15 43.2 +0.1
TOLK	Toolik Lake Re	34.09	33	P	P	16 15 43.8 +0.7
KNK	Knik Glacier	34.27	46	P	P	16 15 45.8 +1.1
MDM	Murphy Dome	34.31	39	P	P	16 15 45.3 +0.2
SML	Sawmill	34.31	45	P	P	16 15 45.9 +0.8
WRH	Wood River Hill	34.36	40	P	P	16 15 46.5 +1.1
WRH	Wood River Hill	34.36	40	P	P	16 16 06.8
E24K	Your Creek	34.42	34	P	P	16 15 47.0 +1.0
E24K	Your Creek	34.42	34	P	P	16 15 46.6 +0.7
D24K	Happy Valley	34.43	32	P	P	16 15 46.0 0.0
D24K	Happy Valley	34.43	32	P	P	16 15 46.9 +0.9
COLA	College	34.47	40	P	P	16 15 47.4 +1.1
COLA	College	34.47	40	P	P	16 15 46.8 +0.5
CCB	Clear Creek Bu	34.49	40	P	P	16 15 48.1 +1.6
CCB	Clear Creek Bu	34.49	40	P	P	16 15 52.0
H24K	Noodor Dome	34.49	38	P	P	16 15 48.0 +1.4
H24K	Noodor Dome	34.49	38	P	P	16 16 11.2
H24K	Noodor Dome	34.49	38	P	P	16 15 47.6 +1.1
C24K	Franklin Bluff	34.56	31	P	P	16 15 47.4 +0.6
F24K	Squaw Lake	34.59	35	P	P	16 15 47.6 +0.2
F24K	Squaw Lake	34.59	35	P	P	16 15 48.2 +0.7
M23K	Glacier View	34.60	45	P	P	16 15 48.8 +1.3
POKR	Poker Plat Res	34.65	39	P	P	16 15 48.8 +0.8
G24K	Hadweenzic Riv	34.69	36	P	P	16 15 49.2 +0.9
HDA	Harding Lake	34.86	40	P	P	16 15 49.4 -0.3
HDA	Harding Lake	34.86	40	P	P	16 16 12.8
HDA	Harding Lake	34.86	40	P	P	16 15 50.1 +0.4
ILAR	Eielson Array	34.88	40	P	P	16 15 50.1 +0.2
ILAR	Eielson Array	34.88	40	P	P	16 15 50.4 +0.5
P23K	Montague Islan	34.92	48	P	P	16 15 51.6 +1.3
GLI	Glacier Island	34.98	47	P	P	16 15 51.6 +0.8
G25K	Bearman Lake	35.24	36	P	P	16 15 53.8 +0.9
FID	Port Fidalgo	35.29	47	P	P	16 15 53.8 +0.3
M24K	Toksona, Glenn	35.31	44	P	P	16 15 55.1 +1.4
D25K	Kavira River	35.32	32	P	P	16 15 54.4 +0.7
H25L	Birch Creek	35.34	37	P	P	16 15 54.8 +1.0
K24K	Donnelly Dome	35.39	41	P	P	16 15 55.2 +0.9
F25K	Christian Rive	35.45	35	P	P	16 15 56.0 +1.2
PRP	Porcupine Dome	35.45	38	P	P	16 15 55.6 +0.6
PRP	Porcupine Dome	35.45	38	P	P	16 15 57.5
PRP	Porcupine Dome	35.45	38	P	P	16 15 55.4 +0.4
KLU	Klutina	35.48	45	P	P	16 15 56.6 +1.4
E25K	Arctic Village	35.51	34	P	P	16 15 56.3 +1.0
E25K	Arctic Village	35.51	34	P	P	16 16 13.3

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E25K	Arctic Village	35.51	34	P	P	16 15 56.5 +1.1
J25K	Saicha River	35.54	40	P	P	16 15 54.4 -1.2
J25K	Saicha River	35.54	40	P	P	16 15 56.1 +0.4
PAX	Paxson	35.57	43	P	P	16 15 56.7 +0.7
HARP	HARP	35.76	44	P	P	16 15 58.5 +1.0
BMAR	Burnt Mountain	35.86	35	P	P	16 15 59.0 +0.7
F26K	Sheenik River	36.03	35	P	P	16 16 00.5 +0.7
N25K	Chitna, Valde	36.10	45	P	P	16 16 01.1 +0.6
G26K	Porcupine Rive	36.16	36	P	P	16 16 01.7 +0.8
SCRK	Sand Creek	36.17	41	P	P	16 16 01.6 +0.4
C27K	Jago River	36.28	31	P	P	16 16 02.3 +0.4
J26L	Joseph Creek	36.32	40	P	P	16 16 02.4 0.0
J26L	Joseph Creek	36.32	40	P	P	16 16 11.1
J26L	Joseph Creek	36.32	40	P	P	16 16 03.3 +1.0
KAIM	Kayak Island	36.41	48	P	P	16 16 03.7 +0.6
VRDI	Verde Repeater	36.76	46	P	P	16 16 07.1 +1.4
VRDI	Verde Repeater	36.76	46	P	P	16 16 20.7
M26K	Nabesna, AK	36.76	44	P	P	16 16 07.0 +0.9
CRQE	Cirque	36.94	46	P	P	16 16 08.9 +1.2
E27K	Coleen River	37.00	34	P	P	16 16 07.8 -0.2
E27K	Coleen River	37.00	34	P	P	16 16 30.3
E27K	Coleen River	37.00	34	P	P	16 16 08.4 +0.3
G27K	Doyon Strip	37.00	36	P	P	16 16 08.7 +0.6
K27K	Chicken	37.00	41	P	P	16 16 09.1 +1.0
I27K	Kandik River	37.08	38	P	P	16 16 09.3 +0.6
H27K	Steamboat Moun	37.08	37	P	P	16 16 09.3 +0.5
L27K	Beaver Creek	37.22	42	P	P	16 16 11.2 +1.2
D27M	Malcolm River	37.23	32	P	P	16 16 10.3 +0.2
D27M	Malcolm River	37.23	32	P	P	16 16 30.6
D27M	Malcolm River	37.23	32	P	P	16 16 10.4 +0.3
BCAR	Beaver Creek A	37.24	42	P	P	16 16 11.9 +1.8
M27K	Edge Creek, AK	37.28	44	P	P	16 16 11.3 +0.7
EGAK	Eagle	37.33	40	P	P	16 16 10.8 -0.1
EGAK	Eagle	37.33	40	P	P	16 16 12.1
EGAK	Eagle	37.33	40	P	P	16 16 11.2 +0.4
GRNC	Granite Creek	37.59	46	P	P	16 16 14.7 +1.4
GRNC	Granite Creek	37.59	46	P	P	16 16 15.8
MESA	MESA	37.59	47	P	P	16 16 14.3 +1.0
F28M	Old Crow	37.66	35	P	P	16 16 13.7 0.0
F28M	Old Crow	37.66	35	P	P	16 16 15.8
F28M	Old Crow	37.66	35	P	P	16 16 14.7 +1.0
CTG	Chitna Glacier	37.75	46	P	P	16 16 15.6 +1.0
CTGM	Chitna Glacie	37.75	46	P	P	16 16 15.6 +1.0
E28M	Babbage River	37.76	33	P	P	16 16 15.3 +0.9
I28M	Mint Creek	37.79	38	P	P	16 16 15.3 +0.5
YUK3	Moose Creek	38.03	44	P	P	16 16 17.9 +0.8
DAWY	Dawson	38.17	41	P	P	16 16 19.0 +1.0
O28M	Mount Upton	38.34	46	P	P	16 16 20.3 +0.6
H29M	Whitestone	38.36	37	P	P	16 16 20.3 +0.7
H29M	Whitestone	38.36	37	P	P	16 16 30.3
H29M	Whitestone	38.36	37	P	P	16 16 20.2 +0.7
E29M	Blow River	38.37	33	P	P	16 16 20.8 +1.3
E29M	Blow River	38.37	33	P	P	16 16 38.2
E29M	Blow River	38.37	33	P	P	16 16 20.5 +0.9
G29M	Pine Creek	38.43	36	P	P	16 16 21.3 +1.2
G29M	Pine Creek	38.43	36	P	P	16 16 23.0
G29M	Pine Creek	38.43	36	P	P	16 16 20.8 +0.7
PINM	Pinnacle	38.44	47	P	P	16 16 21.6 +1.2
I29M	Ogilvie Camp,	38.48	38	P	P	16 16 21.5 +1.0
M29M	Somme Creek	38.84	43	P	P	16 16 25.1 +1.4
M29M	Somme Creek	38.84	43	P	P	16 16 27.5
M29M	Somme Creek	38.84	43	P	P	16 16 25.4 +1.7
L29M	L29M	38.88	42	P	P	16 16 25.9 +2.0
L29M	L29M	38.88	42	P	P	16 16 25.0 +1.0
PNL	Peninsula	38.95	47	P	P	16 16 26.0 +1.4
YUK4	Talbot Arm	38.96	45	P	P	16 16 25.8 +1.0
EPYK	Eagle Plains	39.00	37	P	P	16 16 26.4 +1.4
K29M	Barlow Dome	39.02	41	P	P	16 16 26.5 +1.3
G30M	tAoh Zraii Nji	39.13	36	P	P	16 16 25.8 -0.2
G30M	tAoh Zraii Nji	39.13	36	P	P	16 16 27.5
G30M	tAoh Zraii Nji	39.13	36	P	P	16 16 27.4 +1.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VRAC Vranov, VYHS Vyhne, GERES GRESS Array B, etc.

CATAC Z7 16:18:19.1e0.7.13.97N:91.61W,h13km,3km,ML3.8
GCG Z7 16:18:19.3e0.5.14.21N:91.87W,h73km,6km,MD3.8
SNET Z7 16:18:22.3e0.6.14.11N:91.45W,h83km,38km,ML3.5
ISC Z7 16:18:18.8e2.4.13.91N:009.9173W,e0.10,h2km,14km,
n31,e096/50,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SULM Suchitepequez, RTAL Retalhuleu, FUG Fuego 3, etc.

IDC Z7 16:32:04.0e0.9.54.69N:162.86W,h0km,mb4.0/26,
mtbmp3.9/31,ML3.9/S,M53.3/3,Error ellipse:
s-maj=22.6km s-min=12.2km az=168.0
NEIC Z7 16:32:03.9e1.7.54.15N:101.03-162.32W,e0.04,h10km,1km,
mb3.9/29,ML4.3/14,ML3.9(AEIC),Error ellipse:
s-maj=5.9km s-min=2.9km az=218.0
AEC Z7 16:32:06.1e2.2.54.19N:101.04-162.36W,e0.03,h8km,5km,
Error ellipse: s-maj=6.6km s-min=2.0km az=161.0
ISC Z7 16:32:02.7e1.6.54.08N:106.162.28W,e0.04,h15km,9km,
n199,e162/192,mb4.0/26,Alaska Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FALS False Pass, LOMA Loma Larga, etc.

Main table with columns: ISNN, Isanotski Nort, ISNN, Shishaldin Nor, HAG, Hague Volcano, etc. Includes stations like ISNN Isanotski Nort, ISNN Shishaldin Nor, HAG Hague Volcano, etc.

Main table with columns: CNPM China Pool, M18K Stony River, RSO Redoubt South, etc. Includes stations like CNPM China Pool, M18K Stony River, RSO Redoubt South, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like KBL, KABL, KHR, JASL, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like MAK, RAYN, GNI, etc.

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like KSRS, KLR, SPITS, etc.

BGR 27 17:43:08.2, 18.765:177.42W, h33km
IDC 27 17:44:04.4, 0.4, 17.915x:178.06W, h504km, 4km, mb4.2, 27.1,
mbtmp5.0/24, Error ellipse: s-maj=10.7km s-min=8.9km
az=126.0
NEIC 27 17:44:04.8, 2.2, 17.955:0.08:178.0W:0.1, h514km, 4km,
mb4.7/35, Error ellipse: s-maj=15.8km s-min=11.1km
az=98.0
NOU 27 17:44:04.3, 17.935:177.95W, h507km, mb5.1/98, Fiji
Islands Region
ISC 27 17:44:04.2, 0.3, 17.995:0.04:177.97W:0.04,
h512km, 3km, h513km: P-P, n902, e116/16/825, mb4.7/215,
24C-58D, Fiji Islands region

Table with columns: Code, Station, Name, Time, Res, and various parameters. Includes stations like FUTU, LISNF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like GZR, SRRR, CKRC, MWRD, BMT, etc.

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

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

Bottom section containing various codes and station names, including IDC 27 17:58:02.6, NEIC 27 17:58:07.7, and JMA 27 17:58:07.4.

27d 17h

Table with columns: ID, Name, Az, El, P, I/Amb, Az, El, P, I/Amb, Az, El, P, I/Amb. Rows include E18K, E18K, E18K, M19K, J19K, J19K, C18K, C18K, M20K, B18K, H19K, H19K, G19K, G19K, F19K, K20K, K20K, K20K, SPCR, J20K, J20K, I20K, CAPN, KURK, KURK, C19K, C19K, E19K, E19K, KURBB, KURBB, H20K, D19K, PPLA, F20K, F20K, F20K, CAST, CAST, CHUM, E20K, RC01, RC01, H21K, H21K, KTH, KTH, BPAW, BPAW, BPAW, B20K, B20K, F21K, NRIK, NRIK, KNK, MLY, MLY, H22K, C21K, SML, SML, WAT1, RND, RND, B21K, B21K, F22K, G22K, MCK, M23K, Q23K, WCM, I23K, I23K, D22K, D22K, E22K, E22K, H22K, H22K, G23K, G23K.

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Table with columns: ID, Name, Az, El, P, I/Amb, Az, El, P, I/Amb, Az, El, P, I/Amb. Rows include DHY, WRH, COLD, B22K, KLU, D23K, HDA, HDA, H24K, H24K, E23K, ILAR, ILAR, KAIM, TOLK, TOLK, BMRM, PAX, C23K, HARP, K24K, N25K, G24K, E24K, E24K, F24K, F24K, F24K, D24K, J25K, GLB, GLB, VRDI, PRP, CRQE, G25K, MCARA, SCRK, L26K, F25K, MESA, J26L, J26L, E25K, D25K, D25K, BMAR, I26K, M27K, CTG, CTGM, G26K, F26K, L27K, L27K, LOGN, K27K, C26K, O28M, YUK3, BVAR, I27K, EGAK, EGAK, C27K, PPT2, PPT2, H27K, YUK8, G27K, E27K, O29M, I28M, YUK4, YUK6, M29M, M29M, D27M, P29M, P29M, F28M, L29M, L29M, L29M.

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Table with columns: ID, Name, Az, El, P, I/Amb, Az, El, P, I/Amb, Az, El, P, I/Amb. Rows include HYT, E28M, I29M, H29M, H29M, P30M, N30M, K29M, K29M, G29M, S31K, PLBC, M30M, D28M, O30M, J30M, N31M, N31M, EPYK, I30M, G30M, G30M, WHY, S32K, S32K, R32K, F30M, M31M, H31M, H31M, G31M, U33K, P33M, INK, INK, WRAK, Q32M, V35K, S34M, S34M, R33M, R33M, DLBC, DLBC, A36M, ABKAR, C36M, YK5A, J05A, J08A, J08A, PNTR, PLID, NVAR, CWC, GMN, LRMC, MPMC, ARCES, HLID, HLID, WCT, GSC, GSC, R11B, HEC, PFO, TPFO, BOZ, MONP, BELC, GMRC, IKP, EGMT, SWSC, BC3, IRM, DUG, KBZ, GLA, PDMC, RLMT, PDAR.

27d 18h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Baotou, Chengdu, Marble Bar, etc.

2018 JUN

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Koliganek, Contact Creek, Elim, etc.

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like CAPN, Lookout Ridge, Redstone River, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI, AzM, ElM, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI. Includes stations like H24K Noodor Dome, E23K Chandalar, ILAR Eielson Array, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI, AzM, ElM, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI. Includes stations like KBL, I29M Ogilvie Camp, E28M Babbage River, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI, AzM, ElM, AzS, ElS, AzO, ElO, AzG, ElG, AzB, ElB, AzI, ElI. Includes stations like F10A Beach Ranch, BMO Blue Mountains, NVAR Mina Array, etc.

IDC 27 18:36:37.6:0.7, 12.98Sx45.69E, h0km, mb3.9/20, mbmp4.0/23, ML3.9/3, Error ellipse: s-maj=18.7km s-min=17.8km az=73.0
NEIC 27 18:36:38.1:1.6, 13.01S:0.06:45.5E:0.1, h10km, 1km,

1595

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ASAR Alice Springs, and various other locations.

NAM 27 19:13:22.5-0.3, 19:81Sx14:56E, h0km,35km, ML0.6, Namibia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ST1, ST2, ST10, and ST10N.

ATH 27 19:20:09.5, 40:50N-21:17E, h6km,2km, ML3.3/2/3, Manual Solution by M.Kolligri

ATH 27 19:20:09.5, 40:50N-21:17E, h6km,2km, ML3.3/2/3, Manual Solution by M.Kolligri This location: 2020/06/03 09:06:56 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km, Longitude uncertainty: 2 km

THE 27 19:20:09.9, 40:50N-21:13E, h8km, ML3.2/1/0, Error ellipse: s-maj=0.7km s-min=0.3km az=281.0

THE 27 19:20:09.9, 40:50N-21:13E, h8km, ML3.2/1/0, Error ellipse: s-maj=0.7km s-min=0.3km az=281.0

SKO 27 19:20:09.7, 40:43N-21:15E, h5km, ML3.5, PDG 27 19:20:10.9, 40:53N-21:24E, h11km,2km, ML3.3/1/2, Error ellipse: s-maj=1.1km s-min=1.7km az=0.0

SKO 27 19:20:09.7, 40:43N-21:15E, h5km, ML3.5, PDG 27 19:20:10.9, 40:53N-21:24E, h11km,2km, ML3.3/1/2, Error ellipse: s-maj=1.1km s-min=1.7km az=0.0

BEO 27 19:20:12.6, 0.6, 40:64N-21:27E, h15km,2km, ML3.0/1/6, ISC 27 19:20:09.9-0.8, 40:50N-0.01-21:16E, h10km,6km, n137, s1938/200, 7C-8D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEST, PENT, KBN, FNA, KPRO, and others.

2018 JUN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LIT, TYRN, THL, THL, IGT, KASA, LRSO, THE, THESSALONIKI, etc.

27d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like A051A, DUGI, VIRC, BROS, CREJ, etc.

27d 20h

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like MSU Marysvale, MTPU Mount Pierson, ULM Lac du Bonnet, etc.

TEH 27 19:29:19.5, 34°50N,45°80E, h9km, 15km, ML3.3
ISN 27 19:29:20.1, 1.5, 34°53N,45°83E, h22km, 18km, ML3.1
ISC 27 19:29:19.7-1.0, 34.51N,0.03-45.83E,0.03,h9km,10km, n17,c0f81/23,fran-iraq border region

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like KGS1 Ghasr-e-Shirin, GLG1 Gilan-e-Gharb, IDHR Dehrash, etc.

SJA 27 20:06:58.3-0.7, 29°67'S,69°33'W, h133km,4km, ML4.2, MW4.2
NEIC 27 20:06:59.6, 1.4, 29°67'S,0°03'-69°4'W,0.1, h132km,8km, mb4,4/10,ML4.4(GUC), Error ellipse: s-maj=13.2km s-min=3.2km az=99.0
GUC 27 20:07:00.7-0.0, 2.0, 29°64'S,69°53'W, h138km,5km, ML4.4
VAO 27 20:07:01.2-0.5, 29°53'S,68°88'W, h82km,6km, mb4.2
IDC 27 20:07:01.6-0.5, 29°70'S,69°19'W, h125km,4km, mb3.8/11, mbmp4.2/13, Error ellipse: s-maj=19.2km s-min=14.5km az=79.0

ISC 27 20:06:59.7-0.5, 29°69'S,0°03'-69°35'W,0.03, h124km,4km, n162,c1961/202,mb4.1/13,11,C,Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like AROD Rodeo, AC01 Juntas del Tor, ACCO Cerro Coronel, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like AC04 Llanos de Chal, CO06 Fray Jorge, GO03 Copiap, etc.

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Table with columns: Code, Station Name, Az, El, Pn, Pn, Time Res, ISC. Includes stations like SPB Sao Paulo, BB19B Bebedouro, VAO Valinhos, etc.

BOAB BOACO BROADBAN... 46 109 i P Sb 20 15 43.1 +1.6

BOAB BOACO BROADBAN... 46 109 i P Sb 20 15 15.1 -0.9

BOAB BOACO BROADBAN... 46 109 i P Sb 20 16 20.8

RNSC 27 20:32:01.6-0.0, 7'N, 1°7'3W, h146km, 4km, M2.8, mb3.7, mb4.8, ML2.8, Mw(mb)4.0, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Pamplona, Puerto Berrío, Ocaña, Tame, etc.

IDC 27 20:34:57.5-1.6, 1.88S-138.37E, h0km, mb3.5/4, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=78.1km

s-min=25.8km az=92.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Warramunga, Alice Springs, etc.

ISN 27 21:44:30.1±2.4, 34°62'N, 46°26'E, h35km, 50km, ML2.6

TEH 27 21:44:30.2, 34°65'N, 46°26'E, h7km, 67km, ML2.6

ISC 27 21:44:30.1, 3.34°61'N, 0°05:46'E, h8km, 12km, n9, ±1°03/11, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like IDRH, IGHG, KGSJ, etc.

BGS1 27 21:51:55.0±3.3, 27°57'S, 27°22'E, h50km, 101km, ML3.6

PRE 27 21:51:55.0±1.8, 26°89'S, 26°78'E, h2km, ML3.5, Fault plane solution: N1°156.00000°, S86.00000°, 1.58.00000°

IDC 27 21:51:55.9±0.8, 26°91'S, 26°67'E, h0km, mb3.9/8, mbtmp4.0/10, ML3.2, Error ellipse: s-maj=30.4km

s-min=12.4km az=112.0

NEIC 27 21:51:55.9±1.0, 26°96'S, 0°04:26'81E, h5km, 1km, mb4.4/5, Error ellipse: s-maj=12.6km s-min=7.0km

az=83.0

EAF 27 21:51:56.3±0.9, 26°97'S, 26°85'E, h5km, 9km, MD3.6

BUL 27 21:51:57.7±2.9, 26°98'S, 26°83'E, h12km, 28km, MD3.9

ISC 27 21:51:58.1±3.1, 26°98'S, 0°03:26'80E, 0.03, h9km, 2km, n9, ±1°75/163, mb4.1/10, 13C-14D, South Africa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like PRYS, SOE, etc.

PRYS comp=Z,2µm,0.7s 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

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HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

HRAO HartRAO 1.28 38 eP Pn 21 52 20.1 +0.1

SOOWA comp=Z,183nm,0.3s 6.36 183 Pn Pn 21 53 29.8 -0.1

GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

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GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

GRHM Grahamstown, E 6.36 183 eP Pn 21 53 29.8 -0.1

IDC 27 22:27:22.0±2.0, 8°29'62N, 139°24'E, h402km, 12km, mb3.1/8, mbtmp3.8/13, Error ellipse: s-maj=33.6km s-min=12.1km

az=67.0

JMA 27 22:27:24.1±0.2, 30°0'N, 1°14'0E, h427km, MV3.5/33, NEAR TORISHIMA IS

ISC 27 22:27:23.0±0.7, 29°74'N, 0°06:13'20E, 0.10, h400km, n23, ±2°06/30, mb3.5/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like JHJ2, JHJ, etc.

27d 22h

Table with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes entries for BSO1 Boso 1, BSO3 Boso 3, JRY Ryogami san, etc.

IDC 27 22:34:01.9, 1.8, 5.55S, 151.71E, h0km, mb3, 8/6, mbmp3.9/7, ML2.3/1, MS3.3/3, Error ellipse: s-maj=70.2km s-min=21.4km az=120.0, NEIC 27 22:34:02.0, 7.6, 0.1S, 0.07x152.4E:0.1, h10km, 2km, mb4.4/7, Error ellipse: s-maj=20.4km s-min=9.3km az=63.0, ISC 27 22:34:01.5, 1.0, 6.01S, 0.08x152.3E:0.1, h10km, n21, r124/20, mb4.0/11, New Britain region

Table with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes entries for RABL Rabaul, PMG Port Moresby, MANU Manus Island, etc.

IDC 27 22:42:40.3, 2.6, 20.20S, 178.11W, h537km, 28km, mb3.5/16, mbmp4.4/17, Error ellipse: s-maj=16.7km s-min=11.9km az=86.0, NEIC 27 22:42:40.8, 2.1, 20.2S:0.1, 178.1W:0.1, h542km, 6km, mb4.4/39, Error ellipse: s-maj=18.1km s-min=16.2km az=124.0, ISC 27 22:42:40.0, 4.0, 20.29S, 0.07x178.06W, 0.08, h534km, n244, 0.09S/248, mb4.2/39, 4C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes entries for MSVF Nonsavu, NIUE Niue, PINNC Pinnac Island, etc.

2018 JUN

Main table with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes entries for CASY Casey, GSPA South Pole Qui, MJAR Matsushiro Arr, etc.

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Table with columns: Code, Station Name, Az, El, Pn, S, Res, Time, Res, ISC. Includes entries for CAST Castle Rocks, N25K Chitina, M24K Tolsona, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G23K Bananza Creek, DAWY Dawson, 126K Coal Creek Min, etc.

NEIC 27 22:43:38.8±1.5, 20°28'S, 0°09'178"1W, 0.1, h563km, 8km, mb4.1/18, Error ellipse: s-maj=22.4km s-min=7.4km az=59.0

ICD 27 22:43:40.3±4.6, 20°42'S, 178°20'W, h586km, 55km, mb3.2/8, mbmp4.2/10, Error ellipse: s-maj=28.5km s-min=24.0km az=3.0

ISC 27 22:43:36.0±0.6, 20°33'S, 1°17'8"0W, 0.1, h534km, n39, α121/38, mb4.1/17, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSFV Nonsavu, PINNC Pines Island, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBA Scott Base, VANDA Vanda, CASY Casey, etc.

ICD 27 22:46:02.9±1.0, 18°9'N, 0°49'67E, h0km, mb3.9/12, mbmp3.9/13, ML3.6/1, MS3.1/5, Error ellipse: s-maj=29.4km s-min=13.4km az=41.0

NEIC 27 22:46:05.9±2.0, 18°95'N, 0°07'94E, 79E, h10km, 1km, mb4.4/8, Error ellipse: s-maj=13.6km s-min=10.6km az=25.0

ISC 27 22:46:05.1±0.6, 18°99'N, 0°08'480E, 0°07, h10km, n37, α85/37, mb4.1/16, MS3.2/4, Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHTO Chiang Mai, CMAR Chiang Mai Arr, etc.

SONM Songoi Array 30.29 16 P P 22 52 16.4 -0.2

KKAR Kuratay Array 31.58 325 P P 22 52 28.6 +0.7

KBVV Kurchatov Arra 34.12 341 P P 22 52 49.6 -0.3

WARR Warramunga Arr 54.77 133 P P 22 55 34.8 -0.6

WRO Warramunga Arr 54.92 133 P P 22 55 35.1 -1.4

ASAR Alice Springs 57.03 136 P P 22 55 51.0 -0.6

FINES FINESS Array B 63.34 300 P P 22 56 33.9 -0.4

ARCES ARCESS Array B 65.14 339 P P 22 56 45.9 0.0

STKA Stephens Creek 67.59 138 P P 22 57 01.9 -0.3

NB2 NORSAR Subarra 70.49 329 P P 22 57 19.3 -0.5

NOA NORSAR Arr B 70.91 329 P P 22 57 19.4 -0.5

ILAR Eielson Array 84.27 22 P P 22 58 36.3 -0.6

0.4nm, 0.7s, baz=126, slow=5.6, SNR=6.5

0.4nm, 0.7s

ICD 27 23:14:55.7±1.2, 5°8'S, 130°52'E, h0km, mb4.0/4, mbmp4.1/7, ML4.2/3, Error ellipse: s-maj=53.3km s-min=20.0km az=70.0

DJA 27 23:14:55.7±1.2, 4°5'8" S, 143°13'0E, h186km, 14km, M4.4/8, mb4.0/4, mb4.9/3, MLV.7/8, MWmbJ4.2/3

NEIC 27 23:15:12.4±2.8, 6°28'S, 0°06:130.0E, 0.1, h147km, 10km, mb4.2/13, Error ellipse: s-maj=15.6km s-min=6.1km az=66.0

ISC 27 23:15:12.1±0.6, 6°35'S, 0°05:130°11E, 0.07, h146km, n32, α182/35, mb4.1/6, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, etc.

WRR Warramunga Arr 13.97 163 P Pn 23 18 22.1 -1.8

COEN Coen 14.92 121 Iamb P 23 18 37.8 +0.1

ASAR Alice Springs 17.60 168 P P 23 19 08.4 +1.0

MBWA Marble Bar 17.82 213 Iamb Iamb 23 19 08.1 -1.7

PSA00 Pilbara Seismi 18.10 212 Iamb Iamb 23 19 12.6 -0.2

CTAO Charters Tower 20.80 133 P Iamb P 23 19 43.1 +1.2

FORF Forrest 24.38 184 P P P 23 20 16.9 +0.2

BBCK Buclekoo 26.91 169 P P P 23 20 39.5 0.0

CAN Canberra 33.67 151 P P P 23 21 40.7 +1.5

MAKZ Makanchi 67.92 326 Iamb Iamb 23 25 55.1 +0.1

KURBB Kurchatov Arra 72.01 328 P P P 23 26 19.9 +0.1

VNDA Vanda 73.08 173 P P P 23 26 26.3 +0.5

QSPA South Pole Qui 83.62 180 Iamb Iamb 23 27 23.7 -0.3

NEIC 27 23:15:28.9±1.4, 17°8'S, 0°1:175°0W, 0.2, h233km, 10km, mb2.0/11, Error ellipse: s-maj=21.2km s-min=16.9km az=82.0

ICD 27 23:15:34.5±3.6, 17°87'S, 175°22'W, h285km, 33km, mb3.6/12, mbmp4.2/12, Error ellipse: s-maj=18.4km s-min=14.5km az=106.0

ISC 27 23:15:28.2±0.5, 17°85'S, 0°09:175°2W, 0.1, h282km, n40, α1506/39, mb4.1/19, 4C, Tonga Islands

AFI Afiamalu 5.09 40 Op Pn 23 23 44.2 +2.0

WRR Warramunga Arr 47.68 259 P P 23 23 42.3 0.0

AS31 Alice Springs 47.78 254 P P 23 23 43.5 +0.5

ASAR Alice Springs 47.78 254 P P 23 23 43.3 +0.3

SBA Scott Base 69.92 184 P P 23 25 16.1 +1.1

VNDA Vanda 60.78 186 P P 23 25 16.7 +1.1

QSPA South Pole Qui 72.20 180 P Iamb Iamb 23 26 27.8 -0.4

ILAR Eielson Array 85.17 12 P P 23 27 38.3 0.0

H03S2 Juan Fernandez 85.25 124 T P 01 00 45.2

H03S1 Juan Fernandez 85.26 124 T P 01 00 46.2

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BELG, BVAR, BVAR, BRVK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SUMG, EUREKA, C19K, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TORO, ZAAO, ZALV, etc.

ECAL Calabor 7.49 47 Pn Pn 03 04 32.1 +1.4
ECAL Adamuz 7.63 79 Pn Pn 03 05 50.4 -4.5
EADA Adamuz 7.63 79 Pn Pn 03 05 55.2 -2.9
EADA Adamuz 7.63 79 Pn Pn 03 04 36.6 +2.0
EADA Adamuz 7.63 79 Pn Pn 03 04 35.1

IDC 28 03:08:44.0e.1.1, 37.90N;139.50E, h158km, 12km, mb3.1/6, mbtmp3.6/9, MS3.1/1, Error ellipse: s-maj=21.5km s-min=14.9km az=96.0

JMA 28 03:08:45.0e.2.37.90N;139.3E;0.9, h157km, 1km, MV3.0/37, NE NIGATA PREF

ISC 28 03:08:44.8e.0.8, 37.96N;139.23E;0.06, h161km, 6km, n27, r153/38, mb3.56, Eastern Honshu

Code Station Name Az Az' Phase ID Time Res h m s ISC
JNS Sasagawa 0.16 153 Op Pn 03 09 06.4 +0.1
JNS Awa shima 0.49 2 P S Pn 03 09 22.6 -0.1
JAW Awa shima 0.49 2 P S Pn 03 09 20.8 +0.7

3.9nm, 0.6s, baz=295, slow=21, SNR=1.1
JMK Ichinoseki 1.85 57 P Pn 03 09 20.3 +1.5
JRY Ryogami san 1.96 188 P Pn 03 09 20.7 +0.6

55nm, 0.5s, baz=108, slow=22, SNR=7.8
ASAJ Asahikawa 6.66 21 Pn 03 10 49.9 -1.3
ASAJ 2.4nm, 0.3s, baz=223, slow=13, SNR=10.0

1.3nm, 0.3s, baz=199, slow=33, SNR=1.7
PETK Petropavlovsk-19.83 34 P P 03 13 02.1 -0.7
MKAR Makanchi Array 42.15 301 P 03 16 21.7 +0.6

0.8nm, 0.4s, baz=83, slow=7.8, SNR=5.9
KURBB Kurchatov Arra 44.06 307 P 03 16 37.1 +0.8
KAPI Kappana 46.43 207 LR LR 03 35 11.1

0.9nm, 0.6s, baz=343, slow=7, SNR=2.5
WRA Warramunga Arr 57.78 185 P 03 18 10.0 -0.1
FINES FINESS Array B 67.13 331 P 03 19 21.5 +0.6

1.0nm, 0.8s, baz=28, slow=8.6, SNR=5.1
NB2 NORFAR Subarra 72.65 336 P 03 19 55.2 +0.8
NOA NORFAR Array B 72.65 336 P 03 19 54.9 +0.5

NEIC 28 03:16:32.8e.1.7, 31.64N;104.104E;52W;0.02, h5km, 2km, mb_Lg2.6/38, ML2.6/22, Error ellipse: s-maj=7.2km s-min=3.0km az=50.0, Western Texas

Code Station Name Az Az' Phase ID Time Res h m s ISC
PECS Pecos 0.62 116 Op Pn 03 16 45.0 +0.4
PECS Van Horn 0.94 205 Pn Pn 03 16 53.4 +0.2

172nm, 0.4s
ALPN Alpine 1.47 149 Pn Pn 03 16 59.8 -0.3
MNHN Monahans 1.70 275 Pn Pn 03 17 03.0 -0.3

comp=E, 60nm, 0.5s
ODSA Odessa 1.74 74 Pn Pn 03 17 03.3 -0.5
SAND Sanderson 2.66 129 Pn Pn 03 17 15.3 -1.1

comp=Z, 21nm, 0.7s
MSTX Muleshoe 2.75 32 Pn Pn 03 17 17.8 +0.1
SGCY Sterling City 2.90 84 Pn Pn 03 17 21.1 +1.4

comp=Z, 17nm, 0.9s
121A Cookes Peak, D 2.91 289 Pn 03 17 21.1 +1.1
121A 1.8nm, 0.6s 03 18 10.8

comp=N, 18nm, 0.6s
121A 1.8nm, 0.6s 03 18 17.5
POST Post 2.92 60 Pn Pn 03 17 21.2 +1.2

0.9nm, 0.6s, baz=41, slow=5.9
DNKS Dickens 3.64 55 Pn Pn 03 17 31.9 +2.0
ANMO Albuquerque 3.67 334 Pn Pn 03 17 33.2 +2.7

comp=Z, 2.8nm, 1.0s
T25A Trinidad 5.48 1 Iamb_Lg 03 19 37.4
FW03 Perrin-Whitt E 5.63 74 Iamb_Lg 03 19 33.5

comp=Z, 2.8nm, 1.0s
Z35A Perchaven, San 6.36 73 Iamb_Lg 03 19 51.4

comp=Z, 8.2nm, 0.8s
OK035 E0210 Rd and N 6.97 42 Iamb_Lg 03 20 32.1
TUL3 Leonard 8.42 57 Iamb_Lg 03 21 00.4

NAM 28 03:23:29.1e.3.9, 19.74S;14.50E, h0km, 29km, ML0.0, Namibia

Code Station Name Az Az' Phase ID Time Res h m s ISC
ST3N ST3 0.01 172 Op Pn 03 23 35.1 +1.4
ST3N 0.01 172 P Iamb 03 23 35.1

comp=Z, 1.6nm, 0.0s
ST3N ST3 0.01 172 P Pn 03 23 35.2 +6.0
ST3N ST3 0.01 172 P Pn 03 23 25.9 -3.3

comp=Z, 0.0nm, 0.1s
ST9N ST9 0.08 144 P Pn 03 23 30.0 -0.6
ST9N ST9 0.08 144 P Pn 03 23 33.0 +1.4

comp=Z, 109nm, 0.1s
ST9N ST9 0.08 144 P Pn 03 23 29.5 -1.1
ST9N ST9 0.08 144 P Pn 03 23 33.2

comp=Z, 107nm, 0.1s
ST1N ST1 0.11 90 P Pn 03 23 30.8 -0.4
ST1N ST1 0.11 90 P Pn 03 23 33.7 +1.1

comp=Z, 2.6nm, 0.1s
ST6N ST6 0.11 236 P Pn 03 23 32.0 +0.8
ST6N ST6 0.11 236 P Pn 03 23 37.0 +4.3

comp=Z, 2.2nm, 0.0s
ST6N ST6 0.11 236 P Pn 03 23 32.2 +0.9
ST6N ST6 0.11 236 P Pn 03 23 34.5

comp=Z, 2.1nm, 0.0s
ST8N ST8 0.18 285 P Pn 03 23 36.7 +4.2
ST8N ST8 0.18 285 P Pn 03 24 02.5 +5.5

comp=Z, 0.3nm, 0.1s
ST2N ST2 0.21 154 P Pn 03 23 33.6 +0.4
ST2N ST2 0.21 154 P Pn 03 23 35.9 -1.0

comp=Z, 3.4nm, 0.1s
ST2N ST2 0.21 154 P Pn 03 23 34.3 +0.3
ST2N ST2 0.21 154 P Pn 03 23 35.2 -0.7

comp=Z, 3.9nm, 0.1s
ST5N ST5 0.25 102 P Pn 03 23 34.7 +0.8
ST5N ST5 0.25 102 P Pn 03 23 35.0

comp=Z, 3.1nm, 0.1s
ST5N ST5 0.25 102 P Pn 03 23 37.8 +0.6
ST5N ST5 0.25 102 P Pn 03 23 34.9 +1.0

comp=Z, 3.1nm, 0.1s
ST10N ST10 0.28 202 P Pn 03 23 36.4 -0.7
ST10N ST10 0.28 202 P Pn 03 23 39.0 +0.9

comp=Z, 1.2nm, 0.1s
ST10N ST10 0.28 202 P Pn 03 23 36.1 -0.9
ST10N ST10 0.28 202 P Pn 03 23 41.7 +1.0

comp=Z, 1.3nm, 0.1s
IDC 28 03:27:28.0e.2.1, 20.29S;177.53W, h0km, mb4.2/3, mbtmp4.1/4, ML3.2/1, MS3.1/1, Error ellipse: s-maj=48.3km s-min=24.9km az=109.0

NEIC 28 03:27:33.6e.1.1, 30.23S;0.06;177.5W;0.2, h35km, 1km, mb4.6/15, Error ellipse: s-maj=25.2km s-min=10.4km az=27.0

ISC 28 03:27:33.0e.3.0, 30.30S;0.07;177.7W;0.2, h35km, n34, r132/25, mb4.5/13.4C, Kermadec Islands

Code Station Name Az Az' Phase ID Time Res h m s ISC
RAO Raoul Island 1.07 349 Pn Pn 03 27 49.4 -2.4
RAO Raoul Island 1.07 349 Pn Pn 03 27 50.6 -1.1

2.2nm, 0.3s, baz=138, slow=9.5, SNR=15
URZ Urewera 9.02 207 Pn 03 29 40.8 -0.3
URZ 0.3nm, 0.3s, baz=58, slow=14, SNR=1.5

0.9nm, 0.3s, baz=275, slow=23, SNR=9.8
RTZ Ruatuhuna 9.38 206 Pn Pn 03 29 45.0 -1.0
DZM Mont Ozama 16.42 296 LR LR 03 34 18.5

comp=Z, 62nm, 19.4s, baz=202, slow=32
CTAO Charters Tower 34.04 279 P Iamb 03 36 17.7 +2.4
CTAO 0.9nm, 0.6s, baz=116, slow=15, SNR=3.9

comp=Z, 12nm, 1.1s
BBOO Buckleboo 39.25 254 P Iamb 03 34 59.5 +0.9
BBOO 0.3nm, 0.4s 03 35 02.8

comp=Z, 21nm, 1.5s
ASAR Alice Springs 43.38 267 P Pn 03 35 33.1 +0.5
ASAR 0.3nm, 0.4s 03 35 39.9 +0.8

comp=Z, 10nm, 1.3s
WBR0 Warramunga Arr 44.18 272 P Iamb 03 35 40.7 +0.3
WBR0 0.3nm, 0.6s 03 35 42.6

comp=Z, 4.6nm, 0.6s
WRA Warramunga Arr 44.36 272 P Pn 03 35 40.2 -0.3
WRA Warramunga Arr 44.36 272 P Pn 03 35 41.4 +0.9

comp=Z, 2.6nm, 0.3s, baz=110, slow=8.1, SNR=107
WBO Warramunga Arr 44.38 272 P Iamb 03 35 40.8 +0.1
WBO 0.3nm, 0.4s 03 35 44.4

comp=Z, 18nm, 1.5s
SBA Scott Base 48.15 184 P Pn 03 36 09.3 -0.2
CASV 56.35 208 P Pn 03 37 03.5 +0.2

comp=Z, 5.2nm, 2.1s
BELA Belgrano 2 69.84 172 P Iamb 03 38 40.8 +0.9
BELA 0.3nm, 0.4s 03 38 48.7

comp=Z, 2.1nm, 1.3s
G16K Koyuk River 96.13 6 P Iamb 03 40 58.4 +1.7
G16K 0.3nm, 0.4s 03 41 01.6

comp=Z, 5.8nm, 1.2s
O30N Mendenhall 96.89 19 P Pn 03 41 00.5 +0.2
H10N3 ASCENSION HYDR88 78 154 T T 06 21 39.8

comp=Z, 2.8nm, 0.5s, baz=44, slow=2.7, SNR=30
HFS Hagfors 149.20 349 PKPb PKPb 03 47 17.2 -0.2

PECS Pecos 0.34 260 Pg Pg 03 42 19.4 +0.5
PECS Pecos 0.34 260 Pg Pg 03 42 26.1 +1.2

683nm, 0.6s
MNHN Monahans 0.61 98 Pn Pn 03 42 24.3 +0.4
ODSA Odessa 1.04 49 Pg Pg 03 42 32.2 +0.1

133nm, 0.3s
VHRN Van Horn 1.45 244 Pn Pn 03 42 38.7 -0.1
VHRN 58nm, 0.6s 03 43 04.3

comp=Z, 2.4nm, 0.8s
SN07 Snyder 07 2.74 52 Iamb_Lg 03 42 57.7 +1.2
SN07 0.3nm, 0.4s 03 43 42.1

comp=Z, 2.2nm, 0.8s
DNKS Dickens 3.10 43 Pn Pn 03 43 03.0 +1.5
DNKS 0.3nm, 0.4s 03 43 54.0

comp=Z, 1.5nm, 0.9s
DRIO Del Rio 3.17 128 Pn Pn 03 43 02.7 +0.3
DRIO 0.3nm, 0.4s 03 43 53.2

comp=Z, 1.1nm, 0.7s
JCT Junction City 3.29 106 Pn Pn 03 43 03.1 -1.0
JCT 0.3nm, 0.4s 03 44 03.9

comp=Z, 1.2nm, 0.8s
APMT Aspermont 3.41 55 Iamb_Lg 03 43 07.2 +1.5
APMT 0.3nm, 0.4s 03 44 06.2

comp=Z, 1.2nm, 0.8s
ABTX Abilene, Hawle 3.46 69 Pn Pn 03 43 07.9 +1.5
ABTX 0.3nm, 0.4s 03 44 04.3

comp=Z, 1.2nm, 0.8s
121A Cookes Peak, D 3.83 288 Pn Pn 03 43 13.6 +2.0
121A 0.3nm, 0.4s 03 44 21.8

comp=E, 10nm, 1.6s
BRDY Brady 3.83 91 Pn Pn 03 43 13.4 +2.0
HNDO Hondo 4.08 117 Pn Pn 03 43 16.3 +1.4

comp=E, 4.5nm, 1.1s
ANMO Albuquerque 4.31 325 Pn Pn 03 43 17.9 -0.3
ANMO 0.3nm, 0.4s 03 44 28.4

comp=E, 4.8nm, 0.6s
SMWD Samnorwood 4.55 36 Pn Pn 03 43 22.3 +0.9
PLPT Palo Pinto 4.58 71 Pn Pn 03 43 21.6 -0.3

comp=Z, 7.2nm, 0.8s
WTF5 Wichita Falls 4.82 60 Pn 03 43 27.2 +2.1
FW03 Perrin-Whitt E 4.85 69 Iamb_Lg 03 44 55.2

comp=Z, 1.2nm, 0.8s
435B Jarrell 5.09 96 Iamb_Lg 03 44 57.9
FW13 Cleburne 5.22 78 Iamb_Lg 03 45 07.2

comp=Z, 9.6nm, 0.9s
X37A Clayton 7.50 63 Iamb_Lg 03 46 25.9

NEIC 28 04:02:20.6e.1.0, 19.406N;0.008;155.281W;0.007, h5km, 1km, Error ellipse: s-maj=2.4km s-min=1.3km az=134.0

HVO 28 04:02:20.2e.1.6, 19.399N;0.006;155.274W;0.008, h11km, 3km, ML3.7/12, ML3.0/32(NEIC), Error ellipse: s-maj=1.1km s-min=1.0km az=109.0, Hawaiian Islands

Code Station Name Az Az' Phase ID Time Res h m s ISC
RIM Rim 0.00 183 Op Pn 04 02 20.8 +0.3
KKO Keanakakoi 0.01 95 Pn 04 02 20.9 +0.4

comp=Z, 1.2nm, 0.8s
HATH Halema'uma'u T 0.03 28 Pn 04 02 21.3 +0.6
SBLH Steaming Bluff 0.02 333 Pn 04 02 22.0 -1.3

comp=Z, 1.1nm, 0.8s
PUWE Uwekahuna 0.03 321 Pn 04 02 21.6 +0.9
PUWE Pauhau 0.06 114 Pg IAML 04 02 22.2 +0.8

comp=E, 11nm, 0.8s
RSD Rainshead 0.06 356 Pn 04 02 23.3 +0.8
RSD Rainshead 0.06 356 Pg 04 02 24.4 +2.0

comp=N, 10nm, 1.2s
HLP Hilina Pali 0.10 101 Pn 04 02 23.1 +1.0
HLP Hilina Pali 0.11 198 Pn 04 02 23.2 +0.9

comp=N, 13nm, 1.1s
HLP Hilina Pali 0.11 198 Pg 04 02 26.3 +2.7
STCH Steam Cracks 0.14 95 Pg 04 02 23.8 +0.8

comp=E, 12nm, 1.1s
STCH Steam Cracks 0.14 95 IAML 04 02 27.1
STCH 0.3nm, 0.4s 04 02 27.4

comp=N, 11nm, 0.8s
MLH Mauna Loa 0.14 312 Pn 04 02 23.2 +0.2
MLH 0.3nm, 0.4s 04 02 26.9

comp=E, 4nm, 0.7s
MLH 0.3nm, 0.4s 04 02 27.1
JCJZ Jantz 0.16 95 Pg 04 02 24.3 +1.0

comp=Z, 3.0nm, 0.7s
HTC Hot Caves 0.20 216 Pn 04 02 25.1 +1.1
JOKA Jonika Flow 0.26 82 Pg 04 02 29.4 +1.0

comp=N, 4nm, 0.8s
JOKA Jonika Flow 0.26 82 IAML 04 02 33.9
JOKA 0.3nm, 0.4s 04 02 33.9

comp=E, 4nm, 1.0s
HMH Humu'ula Sheep 0.28 316 Pg 04 02 31.3 +2.0
HMH Humu'ula Sheep 0.28 316 Pg 04 02 25.7 0.0

comp=E, 3nm, 1.2s
HMH Humu'ula Sheep 0.28 316 IAML 04 02 35.2
HMH 0.3nm, 0.4s 04 02 35.2

comp=N, 2nm, 1.4s
MWH Moku'awewe 0.32 286 Pg 04 02 32.2 +1.8
MWH Moku'awewe 0.32 286 Pg 04 02 28.5 +0.2

comp=N, 6nm, 0.9s
MWH 0.3nm, 0.4s 04 02 37.1

comp=E, 6nm, 1.2s
PAH Kahuku 0.32 73 Pg Pg 04 02 25.9 -0.5
KHU Kahuku 0.36 245 Pn Pn 04 02 27.7 +0.7

comp=N, 2nm, 1.4s
ALEP Alea Permanent 0.38 292 Pg 04 02 34.7 -1.8
HPO Honapu 0.41 221 Pg 04 02 28.1 +0.1

comp=N, 2nm, 0.8s
POHA Pohakuloa 0.43 326 Pg Pg 04 02 34.4 +0.2
POHA Pohakuloa 0.43 326 IAML 04 02 30.0 -0.3

comp=N, 2nm, 0.8s
HUH Hualalai 0.60 298 Pg 04 02 31.4 -0.3
CPH Captain Cook 0.61 278 Pg 04 02 31.0 +0.0

IDC 28 04:07:44.8e.0.5, 27.81N;84.80E, h0km, mb4.5/29, mbtmp4.5/32, ML4.3/3, MS3.5/25, Error ellipse: s-maj=15.6km s-min=11.6km az=45.0

BJI 28 04:07:45.0e.6.0, 28.02N;84.88E, h9km, mb4.6/53, mb4.7/24, Ms4.1/40, Ms7.4/30.8

MOS 28 04:07:46.7e.1.2, 27.97N;84.78E, h21km, mb4.9/38, Error ellipse: s-maj=7.4km s-min=3.3km az=116.2

DMN 28 04:07:46.4e.0.1, 27.87N;84.91E, h10km, ML5.0/5, Error ellipse: s-maj=3.4km s-min=1.0km az=19.0

NEIC 28 04:07:47.3e.1.0, 27.89N;0.08;84.83E;0.07, h10km, 1km, mb4.7/31, Error ellipse: s-maj=14.1km s-min=9.6km az=188.0

ND 28 04:07:49.9e.3.9, 27.75N;84.83E, h10km, ML4.4, MW4.1

ISC 28 04:07:47.0e.5.2, 27.83N;0.03;84.84E;0.02, h15km, 2km, h15km;pp-P, n65.0, r153/707, mb4.7/159, MS3.6/33, 29C-20D, Nepal-India border region

28d 4h

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, KBL, Kabul, 15.07 300, P, Pn, 04 11 16.6 -3.1, BRLS, Borolday, 19.43 325 eP, P, 04 12 10.7 -2.2

2018 JUN

Table with columns: KBL, Kabul, 15.07 300, P, Pn, 04 11 16.6 -3.1, BRLS, Borolday, 19.43 325 eP, P, 04 12 10.7 -2.2

1606

Table with columns: BRLS, Borolday, 19.43 325 eP, P, 04 12 10.7 -2.2, GYA, Guiyang, 19.47 89 fP, Pn, 04 12 18.0 +3.2

28d 4h

2018 JUN

1608

D19K	Kuna River	73.55	20	P	P	04 19 20.1 +1.0
D19K	Kuna River	73.55	20	P	I Amb	04 19 21.0
D19K	Kuna River	73.55	20	P	P	04 19 19.4 +0.4
F17K	Baldwin Pennin	73.69	23	P	P	04 19 21.2 +1.5
F17K	Baldwin Pennin	73.69	23	P	P	04 19 20.1 +0.4
B22K	Teshkepuk Lake	73.78	17	P	P	04 19 21.2 +1.0
G16K	Koyuk River	73.86	24	P	P	04 19 22.1 +1.2
G16K	Koyuk River	73.86	24	P	I Amb	04 19 22.1 +1.2
G16K	Koyuk River	73.86	24	P	P	04 19 21.5 +0.7
D20K	Etiwuk River	73.88	20	P	P	04 19 21.7 +0.8
B21K	Ikpikpuk River	73.90	18	P	P	04 19 22.1 +1.1
B21K	Ikpikpuk River	73.90	18	P	I Amb	04 19 22.1 +1.1
B21K	Ikpikpuk River	73.90	18	P	P	04 19 22.2 +1.1
F18K	Delawik	74.14	22	P	P	04 19 23.4 +1.1
C21K	Knifeblade Rid	74.14	19	P	P	04 19 23.2 +0.8
MTE	Mantigga	74.23	308	eP	P	04 19 24.4 +0.8
E20K	Nigu River	74.27	20	P	P	04 19 24.2 +1.0
H16K	Elirn	74.31	24	P	P	04 19 24.1 +0.7
PVIS	Visu	74.36	308	eP	P	04 19 24.9 +0.6
G17K	Kiwalik Mouna	74.41	23	P	P	04 19 24.7 +0.7
PCBR	Castelo Branco	74.41	307	eP	P	04 19 25.3 +0.8
E19K	Redstone River	74.43	21	P	P	04 19 25.2 +1.1
E19K	Redstone River	74.43	21	P	I Amb	04 19 25.9
E19K	Redstone River	74.43	21	P	P	04 19 24.6 +0.5
PMRV	Marv???	74.51	307	eP	P	04 19 28.1 +3.0
SPIA	Saint Paul Isl	74.62	33	P	P	04 19 25.9 +0.5
F19K	Shalercuk Mo	74.62	21	P	P	04 19 26.0 +0.9
F19K	Shalercuk Mo	74.62	21	P	P	04 19 26.1 +0.9
PBAR	Barrancos	74.75	305	eP	P	04 19 27.4 +0.9
K13K	Kusilvak Moun	74.79	27	P	P	04 19 27.0 +0.8
J14K	Nanvaranak Lake	74.81	26	P	P	04 19 27.0 +0.7
E21K	Kilik River	74.81	19	P	P	04 19 27.3 +0.9
E21K	Kilik River	74.81	19	P	P	04 19 27.1 +0.7
C23K	Iklikil River	74.85	17	P	P	04 19 27.6 +1.1
C23K	Iklikil River	74.85	17	P	P	04 19 27.2 +0.7
G18K	Tagagawik	74.87	22	P	P	04 19 27.2 +0.5
D22K	Ayikyak River	74.91	18	P	P	04 19 27.9 +1.0
D22K	Ayikyak River	74.91	18	P	I Amb	04 19 27.9 +1.0
D22K	Ayikyak River	74.91	18	P	P	04 19 27.4 +0.5
M11K	Mekoryuk	74.92	29	P	P	04 19 27.4 +0.3
H17K	Granite Mouna	74.98	24	P	P	04 19 28.3 +1.0
F20K	Avaraart Lake	75.14	21	P	P	04 19 29.2 +1.0
F20K	Avaraart Lake	75.14	21	P	I Amb	04 19 33.1
F20K	Avaraart Lake	75.14	21	P	P	04 19 28.8 +0.6
P08K	Saint George I	75.22	33	P	P	04 19 29.6 +0.8
G19K	Purcell Mouna	75.25	22	P	P	04 19 29.9 +1.1
G19K	Purcell Mouna	75.25	22	P	P	04 19 30.2 +1.3
PMTG	Montargil	75.25	307	eP	P	04 19 31.4 +2.0
EVO	Evora	75.31	306	eP	P	04 19 30.7 +0.9
ICESG	Greenland Ices	75.32	342	iP	P	04 19 28.7 -1.0
ICESG	Greenland Ices	75.32	342	iP	I Amb	04 19 35.6
H18K	Honhosa River	75.40	23	P	P	04 19 30.8 +1.0
H18K	Honhosa River	75.40	23	P	I Amb	04 19 31.9
H18K	Honhosa River	75.40	23	P	P	04 19 30.9 +1.2
D23K	Nanushuk River	75.40	18	P	P	04 19 30.6 +0.9
C24K	Franklin Bluff	75.42	17	P	P	04 19 31.3 +1.5
PVAO	Vaquos	75.56	305	eP	P	04 19 33.2 +2.0
E22K	Anaktuvuk Pass	75.63	19	P	P	04 19 31.9 +0.8
E22K	Anaktuvuk Pass	75.63	19	P	I Amb	04 19 42.2
E22K	Anaktuvuk Pass	75.63	19	P	P	04 19 31.3 +0.2
J16K	Anvik River	75.65	25	P	P	04 19 32.3 +1.0
J16K	Anvik River	75.65	25	P	P	04 19 32.0 +0.7
PCVE	Castro Verde	75.70	305	eP	P	04 19 35.6 +3.6
F21K	Alatna River	75.72	20	P	P	04 19 32.2 +0.6
MESJ	Messejana	75.74	305	eP	P	04 19 33.2 +1.0
D24K	Happy Valley	75.78	17	P	P	04 19 32.4 +0.6
D24K	Happy Valley	75.78	17	P	I Amb	04 19 36.2
D24K	Happy Valley	75.78	17	P	P	04 19 33.1 +1.2
H19K	Roundabout Mou	75.82	22	P	P	04 19 32.8 +0.7
K15K	Wolf Creek Mou	75.84	26	P	P	04 19 32.7 +0.4
PNCL	Nicolaou / Gran	75.85	306	eP	P	04 19 33.0 +0.1
L14K	Kuka Creek	75.90	27	P	P	04 19 33.6 +1.0
TOLK	Toolik Lake Re	75.92	18	P	P	04 19 33.3 +0.6
TOLK	Toolik Lake Re	75.92	18	P	P	04 19 33.3 +0.6
F22K	John River	75.93	19	P	P	04 19 33.5 +0.7
M13K	Dall Lake	76.12	28	P	P	04 19 35.0 +1.1
J17K	VAMB Dome	76.16	25	P	P	04 19 34.9 +0.8
G21K	Allakaket	76.16	21	P	P	04 19 34.8 +0.7
L15K	Ungalak Mouna	76.20	27	P	P	04 19 35.7 +1.3
C26K	Camden Bay	76.22	16	P	P	04 19 35.8 +1.5
D25K	Kavik River	76.29	17	P	P	04 19 35.5 +0.6
D25K	Kavik River	76.29	17	P	I Amb	04 19 36.8
D25K	Kavik River	76.29	17	P	P	04 19 36.2 +1.4
E23K	Chandalar	76.30	18	P	P	04 19 35.7 +0.7
H20K	Anotleneega Mo	76.36	22	P	P	04 19 36.6 +1.3
G22K	Bettles	76.51	20	P	P	04 19 37.4 +1.3
M14K	Bethel	76.52	28	P	P	04 19 37.0 +0.9
E24K	Your Creek	76.60	18	P	P	04 19 37.3 +0.7
E24K	Your Creek	76.60	18	P	I Amb	04 19 46.5
E24K	Your Creek	76.60	18	P	P	04 19 37.5 +0.9
COLD	Coldfoot	76.69	19	P	P	04 19 37.9 +0.8
C27K	Jago River	76.72	16	P	P	04 19 38.2 +1.0
K17K	Iditarod	76.84	25	P	P	04 19 38.4 +0.4
K17K	Iditarod	76.84	25	P	I Amb	04 19 44.9
K17K	Iditarod	76.84	25	P	P	04 19 39.0 +1.0
H21K	Melozitna Rive	76.93	21	P	P	04 19 39.6 +1.1

H21K	comp=Z,8.4nm,0.9s					
H21K	Melozitna Rive	76.93	21	P	P	04 19 39.4 +0.9
I20K	Nazedeneel	76.93	22	P	P	04 19 39.1 +0.6
J18K	Innok River	76.97	24	P	P	04 19 39.9 +1.1
L16K	Owhat River	76.97	26	P	P	04 19 39.7 +0.9
J19K	Poorman	77.04	23	P	P	04 19 39.8 +0.7
M15K	Kasigluk River	77.07	27	P	P	04 19 40.0 +0.7
N14K	Kuskokwak Cree	77.09	28	P	P	04 19 40.0 +0.6
G23K	Bananza Creek	77.09	19	P	P	04 19 39.9 +0.4
G23K	Bananza Creek	77.09	19	P	I Amb	04 19 40.3 +0.5
G23K	Bananza Creek	77.09	19	P	P	04 19 40.0 +0.5
F24K	Squaw Lake	77.15	18	P	P	04 19 40.3 +0.5
F24K	Squaw Lake	77.15	18	P	P	04 19 40.3 +0.5
L17K	Donlin	77.18	25	P	P	04 19 40.4 +0.5
H22K	Ishlatitna Cre	77.23	20	P	P	04 19 40.6 +0.4
NIKH	Nikolski High	77.33	37	P	P	04 19 41.3 +0.4
E25K	Arctic Village	77.35	17	P	P	04 19 41.4 +0.6
E25K	Arctic Village	77.35	17	P	I Amb	04 19 46.5
E25K	Arctic Village	77.35	17	P	P	04 19 41.2 +0.3
J20K	Nowinta River	77.43	23	P	P	04 19 42.2 +0.9
I21K	Tanana	77.50	21	P	P	04 19 42.4 +0.7
M16K	Timber Creek	77.58	27	P	P	04 19 42.7 +0.6
N15K	Kweliuk River	77.61	28	P	P	04 19 44.0 +1.6
O14K	Tigyuakuiwet M	77.64	29	P	P	04 19 43.9 +1.4
D27M	Maklin River	77.66	15	P	P	04 19 43.3 +0.7
F25K	Christian Riv	77.71	18	P	P	04 19 44.0 +1.1
L18K	Granite Mouna	77.74	25	P	P	04 19 44.2 +1.1
RES	Resolute Bay	77.74	360	LR	LR	04 57 24.0
H23K	Yukon River	77.83	20	P	P	04 19 44.5 +1.0
H23K	Yukon River	77.83	20	P	I Amb	04 19 49.3
H23K	Yukon River	77.83	20	P	P	04 19 44.6 +1.0
G24K	Hadweenzic Riv	77.84	19	P	P	04 19 44.4 +0.8
M17K	Holitna River	77.95	26	P	P	04 19 44.9 +0.7
N16K	Nishlik Lake	77.97	27	P	P	04 19 44.7 +1.3
K20K	Felida	77.98	23	P	P	04 19 45.5 +0.8
TORD	Torodi Ar. Bea	78.00	279	P	P	04 19 44.9 -0.5
TORD	Torodi Ar. Bea	78.00	279	P	P	04 19 44.7 -0.6
MLY	Manley	78.00	21	P	P	04 19 45.1 +0.6
F26K	Sheenik River	78.03	17	P	P	04 19 45.3 +0.6
D28M	Stokes Point	78.10	14	P	P	04 19 45.7 +0.9
UNV	Unalaska Valle	78.10	35	P	P	04 19 45.6 +0.5
BMAR	Burnt Mountain	78.11	17	P	P	04 19 46.6 +1.5
G25K	Bearman Lake	78.18	18	P	P	04 19 45.7 +0.3
A36M	Sachs Harbour	78.29	9	P	P	04 19 46.7 +0.7
A36M	Sachs Harbour	78.29	9	P	I Amb	04 19 50.7
A36M	Sachs Harbour	78.29	9	P	P	04 19 47.3 +1.3
O15K	Ungalikthiuk R	78.30	28	P	P	04 19 47.4 +1.2
E27K	Coleen River	78.31	16	P	P	04 19 47.7 +1.6
H24K	Noodor Dome	78.33	20	P	P	04 19 47.6 +1.3
H24K	Noodor Dome	78.33	20	P	P	04 19 47.2 +0.8
I23K	Minto, Yukon-K	78.35	20	P	P	04 19 47.1 +0.7
E28M	Babbage River	78.48	15	P	P	04 19 48.5 +1.4
E28M	Babbage River	78.48	15	P	P	04 19 47.7 +0.6
M18K	Stony River	78.51	25	P	P	04 19 48.3 +1.0
BPAW	Bear Paw Mtn.	78.54	22	P	P	04 19 47.8 +0.3
N17K	Nushagak Hills	78.57	26	P	P	04 19 48.4 +0.7
L20K	Farewell, AK	78.61	24	P	P	04 19 48.5 +0.6
H25L	Birch Creek	78.62	19	P	P	04 19 48.3 +0.5
CAST	Castle Rocks	78.62	23	P	P	04 19 48.3 +0.3
G26K	Purcupine Rive	78.68	18	P	P	04 19 48.7 +0.6
O16K	Kokwok River B	78.77	28	P	P	04 19 49.4 +0.7
M19K	Big River Lodg	78.78	24	P	P	04 19 49.3 +0.4
NEA2	Nenana	78.82	21	P	P	04 19 49.9 +0.9
NEA2	Nenana	78.82	21	P	I Amb	04 19 51.1
NEA2	Nenana	78.82	21	P		

Table with columns: L29M, L29M, L29M, Q23K, CRQE, YUK3, M29M, M29M, KAIM, CTG, M30M, M30M, YUK8, YAH, MESA, O28M, YUK4, N30M, N30M, N30M, N30M, N30M, O29M, PNL, O30N, O30N, P30M, WHY, WHY, P29M, N32M, N32M, TOO, TOO, TOO, TOO, PLBC, DLBIC, P33M, P32M, R33M, YKA, YKA, DLBC, MAW, SNA, VNA2, VNA1, VNA3, TXAR, CPUP, LPAZ, NEIC 28 04:14:08.2, 0.2, 12.6'S, 0.1:166.7E, 0.1, h80km, 8km, mb4/4/13, Error ellipse: s-maj=20.1km s-min=10.3km az=53.0, IDC 28 04:14:10.0, 4.0, 12.6'S, 166.53E, h89km, 43km, mb3.7/10, mbmp=4.0/11, MS3, 4/3, Error ellipse: s-maj=31.5km s-min=24.5km, ISC 28 04:14:06.7, 0.6, 12.52'S, 0.07:166.6E, 0.2, h59km, n30, s=116/29, mb4.3/16, Santa Cruz Islands

Table with columns: VVND, CANSY, SBA, ADK, AKGG, CMAR, QSPA, QSPA, GSPA, K15K, K15K, SONM, MAW, ILAR, PDAR, MKAR, NIED 28 04:23:35.4, 3.3, 51N, 140.81E, h51km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm, Mn: 6.56; Mw: -0.10; Mxx: 6.46; Myy: -0.74; Mzz: 0.70; Mxy: 0.60; Fault plane solution: Mw: 6.20000x10^14 NP1: 6:348 00000; 342 00000; 182 00000; 189 00000; 6:180 00000; 342 00000; 182 00000; 189 00000; JMA 28 04:23:35.4, 0.1, 33.5N, 140.8E, 0.9, h51km, 5km, MV4.0/31, E OFF HACHUJIMA ISLAND, IDC 28 04:23:36.1, 1.4, 33.38N, 140.65E, h58km, 14km, mb3.6/9, mbmp3.9/11, MS2.9/3, Error ellipse: s-maj=26.1km s-min=11.4km az=83.0, NEIC 28 04:23:36.1, 1.4, 33.43N, 140.02:140.75E, 0.08, h55km, 8km, mb4.4/28, Error ellipse: s-maj=10.5km s-min=2.6km az=101.0, ISC 28 04:23:34.8, 1.3, 33.42N, 140.04:140.86E, 0.06, h45km, 12km, n78, s=125/84, mb4.3/24, Southeast of Honshu

Table with columns: WRA, WRA, WRA, KKAR, KKAR, E27K, E27K, I28M, AS31, AS31, ASAR, ASAR, I30M, G31M, G31M, INK, INK, ABKAR, ABKAR, C36M, C36M, GIRL, GIRL, FOR, FOR, AKASG, AKASG, NB2, NB2, NOA, NOA, NVAR, NVAR, RAYN, RAYN, ULM, ULM, TXAR, TXAR, DJA 28 04:35:26.4, 1.6, 0.8N, 122.2E, h26km, 21km, M2.5/5, MLV2.5/5, Minahassa Peninsula, Sulawesi, GTOI, GTOI, LUI, LUI, LUI, LUI, MPSI, MPSI, IDC 28 04:35:50.4, 1.5, 1.60N, 125.27E, h0km, mb3.8/5, mbmp3.8/5, MS3.6/1, Error ellipse: s-maj=181.1km s-min=20.7km az=64.0, DJA 28 04:35:57.4, 1.0, 3.3N, 142.7E, h11km, 9km, M3.5/6, MLV3.5/6, ISC 28 04:35:51.4, 0.9, 1.60N, 0.06:125.34E, 0.07, h10km, n10, s=194/11, mb4.0/5, Northern Molucca Sea, Code Station Name, Time Res, h m s, ISC

LXIB	Xiulin Townshi	1.07	8	eP	Pb	06 30 28.4	-2.6
WTK	Tuku	1.07	313	eP	Pb	06 30 30.9	-0.1
WTK				eS	Sn	06 30 46.3	+0.3
WN1T	Nantou City	1.08	331	eP	Pg	06 30 31.6	+0.3
WN1T				eS	Sn	06 30 46.9	+0.6
WPL	Puli Township	1.08	346	eP	Pg	06 30 31.7	+0.3
TSCK	Chigu Township	1.09	280	eP	Pg	06 30 32.6	+1.1
TSCK				eS	Sn	06 30 47.9	+1.6
TWK1	Hengchun	1.09	202	eP	Pn	06 30 31.9	+0.4
TWKBT	Hengchun	1.09	202	eP	Pn	06 30 31.9	+0.4
WSL	Shuilin Townsh	1.09	301	eP	Pg	06 30 31.6	0.0
WSL				eS	Sn	06 30 47.2	+0.6
CHGB	Renai	1.10	356	iP	Pb	06 30 30.3	-1.3
DPDB	Guoxing	1.11	345	eP	Pb	06 30 31.5	-0.1
WCBS	Beigang Elemen	1.14	344	eP	Pb	06 30 32.1	+0.1
TWD	Chiawan	1.16	16	eP	Pn	06 30 31.5	-1.0
WSF	Szhu	1.16	306	P	Pn	06 30 32.3	-0.2
WSF				S	Sg	06 30 48.0	-0.1
WYL	Yuanlin Townsh	1.17	329	eP	Pn	06 30 32.6	0.0
WHF	Hehuan Shan	1.18	1	eP	Pb	06 30 31.8	-1.3
WWF	Wufeng	1.19	335	eP	Pg	06 30 33.9	+0.4
WWF				eS	Sg	06 30 50.1	+1.1
WRL	Guolierlin Hig	1.23	320	eP	Pn	06 30 33.2	-0.3
RLNB	Erlin	1.24	319	eP	Pn	06 30 32.5	-1.0
ETL	Fush Village	1.24	16	eP	Pb	06 30 34.0	+0.1
NACB	Ninganchiao	1.25	15	P	Pn	06 30 32.1	-1.6
NACB	Ninganchiao	1.25	15	P	Pn	06 30 31.6	-2.1
FUSS	Fushou	1.28	360	eP	Pn	06 30 33.0	-1.4
TWT	Tachien	1.29	357	eP	Pn	06 30 34.0	-0.4
TDCB	Techi	1.29	356	iP	Pn	06 30 33.8	-0.7
TDCB				eS	Sg	06 30 53.2	+1.0
TCU	Taichung	1.30	336	eP	Pb	06 30 34.9	+0.1
WHP	Taichung City	1.34	348	eP	Pb	06 30 36.0	+0.4
WHP				eS	Sg	06 30 54.9	+1.0
NNSB	Datong	1.47	5	eP	Pn	06 30 35.9	-0.9
NNSH	Datong	1.47	5	eP	Pn	06 30 37.4	+0.6
NNS	Nan Shan	1.48	4	P	Pb	06 30 38.0	0.0
WDJ	Dajia District	1.49	338	eP	Pb	06 30 38.6	+0.5
WDGT	Dunji	1.49	282	iP	Pn	06 30 36.5	-0.5
WDGT				eS	Sn	06 30 54.2	-2.2
EOS4	EOS4	1.52	40	eP	Pn	06 30 36.8	-0.2
NSY	Sanyi	1.52	343	iP	Pg	06 30 39.3	-0.4
NSY				eS	Sg	06 31 00.3	+0.8
ENA	Nanau	1.53	17	eP	Pn	06 30 36.2	-1.4
LATG	Datong	1.59	9	eP	Pn	06 30 37.5	-1.0
NMLH	Miaoil	1.63	345	eP	Pb	06 30 40.2	-0.2
PHUB	Peng-hu	1.64	290	eP	Pn	06 30 38.5	-0.5
PHUB				eS	Sn	06 30 57.7	-2.3
EOS3	EOS3	1.65	36	eP	Pn	06 30 38.6	-0.4
NDT	Datong Townshi	1.66	8	eP	Pn	06 30 39.4	+0.1
NFF	Wufeng Townshi	1.67	356	eP	Pn	06 30 40.4	+0.9
NSTT	Nanjiang	1.68	352	eP	Pg	06 30 40.5	+0.8
NSTT				eS	Sg	06 31 04.7	0.0
LIOB	Emei	1.69	353	eP	Pb	06 30 41.7	+0.1
LIOB				eS	Sg	06 31 04.6	-0.5
VCHM	Qimei	1.69	279	eP	Pn	06 30 39.0	-0.8
VCHM				eS	Sn	06 30 59.7	-1.6
ENTT	Nioudou	1.70	10	eP	Pn	06 30 38.9	-1.0
ESAO	Su ao	1.70	19	eP	Pb	06 30 41.6	-0.1
YHNB	Yehng	1.71	4	P	Pn	06 30 40.4	+0.3
YHNB	Yehng	1.71	4	P	Pn	06 30 40.0	-0.1
EOS2	EOS2	1.71	32	eP	Pn	06 30 40.4	+0.5
NSK	Sanguang	1.71	3	eP	Pn	06 30 40.0	-0.2
TWC	Suao	1.73	18	eP	Pn	06 30 39.5	-0.8
TWE	Neicheng	1.82	10	eP	Pb	06 30 44.1	+0.8
FUSB	Fushanzhiwuyua	1.82	10	eP	Pn	06 30 41.8	+0.2
NWL1T	Wulai	1.83	7	eP	Pn	06 30 41.9	+0.2
EGS		1.98	18	eP	Pn	06 30 43.6	-0.2
TATO	Taipei	2.02	6	eP	Pb	06 30 47.2	+0.1
TWA	Mucha	2.04	9	P	Pb	06 30 46.9	-0.5
TIPB	Shuangxi	2.07	15	eP	Pn	06 30 45.4	+0.3
TWS1	Kuangyinshan	2.14	4	eP	Pb	06 30 49.5	+0.3
JYNG	Yonagunijimaku	2.15	46	eP	Sn	06 30 46.6	+0.5
JYNG				eS	Sn	06 31 13.5	+0.9
SXH1	Grass Mountain	2.20	15	eP	Pb	06 30 49.2	-1.0
YOJ	Yonaguni jima	2.20	47	P	Pn	06 30 47.4	+0.6
YOJ	Yonaguni jima	2.20	47	P	Pn	06 30 47.1	+0.4
YOJ				S	Sn	06 31 12.9	-1.0
YOJ	Yonaguni jima	2.20	47	eP	Pn	06 30 47.3	+0.6
YOJ				eS	Sn	06 31 14.4	+0.5
HATJ	Hateruma jima	2.59	65	eP	Sn	06 30 52.3	+0.2
HATJ				eS	Sn	06 31 23.2	-0.2
VWUC	VWUC	2.61	321	eP	Pn	06 30 53.1	+0.7
IRIF	Iriomote-Funua	2.66	58	P	Pn	06 30 53.4	+0.3
JKRS	Kuro-shima	2.83	63	eP	Pn	06 30 55.5	0.0
JKRS				eS	Sn	06 31 28.3	-1.2
PTMZ	Houxiangcun	2.84	317	eP	Pn	06 30 55.8	+0.1
KNM	Kinmen	2.96	300	eP	Pn	06 30 57.8	+0.6
JIJ	Ishigaki jima	3.00	62	P	Sn	06 30 57.9	+0.2
JIJ				S	Sn	06 31 32.5	-1.1
KNMB	Chin-men Tao	3.02	300	eP	Pn	06 30 58.2	+0.1

JISG	Ishigakijimahi	3.24	59	P	Pn	06 31 01.0	-0.1
JISG				eS	Sn	06 31 39.8	+0.3
ZPLA	Ao Xicun	3.36	247	eP	Pn	06 31 01.8	-0.9
MATB	Ma-tsu	3.39	380	eP	Pn	06 31 03.3	+0.1
JTJ	Tarama	3.58	61	eP	Pn	06 31 06.5	+0.7
DSXP	Dongshang	3.59	283	eP	Pn	06 31 05.7	-0.2
MHZO	Yeshan	3.72	328	eP	Pn	06 31 08.5	+0.8
LYJJ	Jianjiangzhen	3.82	340	eP	Pn	06 31 09.2	+0.1
JIRB	Irabujima	4.04	62	eP	Pn	06 31 13.3	+1.2
XPSS	Dashijiu	4.07	347	eP	Pn	06 31 12.6	+0.1
JMJ	Miyako jima 2	4.14	63	eP	Pn	06 31 14.7	+1.3
SXFK	Yanhouchang	4.74	317	eP	Pn	06 31 21.8	0.0
VDO5	Pratas Island	4.76	243	eP	Pn	06 31 23.6	+1.6
JNU	Nakatsue	13.21	38	LR	LR	06 39 08.7	
KSR5	Korea Array	15.55	20	P	P	06 33 53.5	-0.2
DAV	Davao City (W)	16.34	165	LR	LR	06 40 08.1	
MJAR	Matsushiro Arr	19.96	43	P	Pn	06 34 46.2	+2.0
MJAR				LR	LR	06 42 59.2	
CMAR	Chiang Mai Arr	21.33	262	P	P	06 35 00.3	+2.8
CMAR				LR	LR	06 44 28.5	
GUMO	Guam	24.26	108	LR	LR	06 42 57.7	
ASAJ	Asahikawa	27.45	35	LR	LR	06 46 20.2	
SOMM	Songino Array	27.52	338	P	P	06 35 57.6	+0.7
SOMM				LR	LR	06 48 59.7	
MKAR	Makanchi Array	39.26	317	P	P	06 37 40.5	+1.6
MKAR				PcP	PcP	06 39 47.4	-0.3
YAK	Yakutsk	39.48	6	LR	LR	06 55 25.8	
ZALV	Zalesovo Beam	41.31	328	P	P	06 37 56.2	+0.6
H11N1	WAKE ISLAND Hy 42.51	85	T	T	T	07 23 18.7	
H11N2	WAKE ISLAND Hy 42.51	85	T	T	T	07 23 18.8	
H11N3	WAKE ISLAND Hy 42.53	85	T	T	T	07 23 19.9	
H11S3	WAKE ISLAND Hy 42.60	87	T	T	T	07 23 27.1	
H11S1	WAKE ISLAND Hy 42.61	87	T	T	T	07 23 27.0	
H11S2	WAKE ISLAND Hy 42.62	87	T	T	T	07 23 28.2	
KURBB	Kurchatov Arra	43.09	321	P	P	06 38 11.0	+0.8
WRA	Warramunga Arr	44.51	162	P	P	06 38 20.4	-1.5
ASAR	Alice Springs	47.95	164	P	P	06 38 48.8	-0.2
BVAR	Barraboye Array	48.66	321	PcP	PcP	06 40 17.8	-1.6
STKA	Stephens Creek	57.90	160	P	P	06 40 02.0	-0.3
KBZ	Khabaz	66.29	309	P	P	06 40 57.1	-1.6
FINES	FINES Array B	75.53	330	P	P	06 41 36.9	0.0
AKASG	Malin Array B	78.32	319	P	P	06 41 44.2	-0.6
BRTR	Keskin Array B	79.35	307	P	P	06 41 46.9	+1.0
HFS	Hagfors	78.66	331	P	P	06 42 10.7	-1.4
NOA	NORSAR Array B	79.33	332	P	P	06 42 15.1	-0.8

RTBA					Iamb_Lg			06 54 34.2
435B	Jarrell	5.13	96	Iamb_Lg				06 54 28.9
WMOK	Wolica Mouta	5.15	49	Pn	Pn			06 52 60.0 +1.3
FW13	Cleburne	5.25	78	Iamb_Lg				06 54 41.5
FW06	Azle	5.27	72	Pn	Pn			06 53 01.1 +0.8
FW06				Iamb_Lg				06 54 38.9
LOOK	Love County	5.91	63	Iamb_Lg				06 55 02.2
W35A	Tecumseh	6.68	55	Iamb_Lg				06 55 26.3
Z38A	Mt. Pleasant	7.44	74	Iamb_Lg				06 55 55.3
TUL3	Leonard	7.83	53	Iamb_Lg				06 55 58.4
R32A	Long Quarter	8.00	28	Iamb_Lg				06 56 05.7
<p> IDC 28 07:01:19.5:1.0, 59:27S:25:92W, h0km, mb4.0/4, mbmp4.0/4, MS3.4/6, Error ellipse: s-maj=33.3km s-min=30.6km az=62.0 NEIC 28 07:01:21.4:2.0, 59:41S:0:06:25:8W:0:2, h10km, mb4.0/4, MS3.4/6, Error ellipse: s-maj=17.2km s-min=7.1km ISC 28 07:01:20.7:0.5, 59:47S:0:08:25:76W:0:09, h10km, n48, c1869/41, mb4.6/14, MS3.2/4, 8C-2D, South Sandwich Islands region </p>								
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	ISC
HOPE	Hope Point	7.84	307	Op	h m s	h m s	ISC	ISC
ORCD	Orcadas	9.56	254	Pn	07 03 13.3	-1.3		
UNUM	Neumayer-Stat	13.35	154	iP	07 03 36.8	-1.3		

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Karang Pucung, Cimerak, Gresik, Lembang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ARS, ARS, 695nm,1.0s, Tyrgan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WCZ, Waipu Caves, MUGZ, Murupara, etc.

ISC 28 07:14:23.61, 2.61154N, 103.14091W, 0.03, h4km, 14km, n14, e0547/20, Southern Yukon Territory

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Moose Creek, Chitna Glacier, Mount Upton, etc.

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

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

IDC 28 07:25:12.0, 1.7, 48.81N, 106.00E, h0km, mb3.4/2, m1mp3.34, ML2.9/1, MS3.1/1, Error ellipse: s-maj=19.9km s-min=13.2km az=48.0

BYKL 28 07:25:14.5, 0.3, 48.79N, 106.09E, ISC 28 07:25:14.0, 0.7, 48.70N, 103.003, h10km, n42, e265/71, 1C-1D, Mongolia

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

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

CATAC 28 07:33:47.9, 0.5, 8.91N, 82.41W, h16km, 4km, MLC3.5

UCR 28 07:33:48.2, 0.8, 9.03N, 82.48W, h7km, 3km, MW3.6

UFA 28 07:33:48.7, 0.8, 9.98N, 82.47W, h16km, 3km, MW4.3

ISC 28 07:33:46.7, 1.0, 9.05N, 0.02, 82.44W, 0.02, h16km, 9km, n89, e0879/125, 22C-14Z, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LNBQ3, Los Naranjos, CHGR2, Aguacate, etc.

WEL 28 07:30:11.5, 0.5, 34.5S, 17.9W, 1.0, h33km, M4.5/35, mB5.1/27, ML4.8/42, MLV4.6/35, Mw(mB)4.5/27, Error ellipse: s-maj=0.0km s-min=0.0km az=111.6, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MXZ, Matakaoa Point, WMGZ, Waionatini S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KLR, Kuldur, KURBB, Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BRU2, Volcan, BRU2, Volcan, etc.

1615

NJ2	Nanjing	60.32 317	eP	P	08 58 53.5 +0.8
NJ2			sP	sP	08 58 57.5 +3.9
NJ2	comp-Z,10.0nm,0.5s		pmax	pmax	
QIZ	Qiongzhong	60.47 299	P	P	08 58 53.3 -0.6
QIZ			PP	PP	09 01 08.3 +0.9
QIZ			S	S	09 07 11.0 +1.3
QIZ	comp-Z,93nm,16.9s		LR	LR	
QIZ	comp-Z,94nm,16.3s		LR	LR	
USA0B	Ussuriysk Arra	61.95 335	P	P	08 59 03.7 +0.3
USRK	Ussuriysk Ar.	61.95 335	P	P	08 59 02.8 -0.6
USRK	Ussuriysk Ar.	61.95 335	P	P	08 59 03.2 -0.3
USRK	comp-Z,7.2nm,0.9s,baz=134,slow=5.5,SNR=8.9		LR	LR	09 22 09.2
WHN	Wuhan	62.57 313	P	P	08 59 13.0 +5.1
MDJ	Mudanjiang	63.30 334	P	P	08 59 12.0 -0.5
PETK	Petrovavlovsk	64.21 356	P	P	08 59 18.3 -0.1
PETK	comp-Z,3.9nm,0.8s,baz=169,slow=8.3,SNR=5.3		LR	LR	09 21 48.7
SHEM	Shemys Is, Ala	64.36 7	LR	LR	09 22 35.2
CN2	Changchun	64.56 331	eP	P	08 59 20.8 0.0
KIWB	Kanaga Island	65.07 13	P	P	08 59 23.9 -0.1
BNX	BinXian	65.14 303	↑P	P	08 59 23.3 -1.2
CASY	Casey	65.31 201	P	Iamb	08 59 25.6 +0.2
CLR	Kul'dur	66.19 338	P	P	08 59 30.4 -0.8
KLK	comp-Z,2.0nm,0.7s,baz=169,slow=4.0,SNR=8.3		LR	LR	09 25 04.8
HNS	Hongshan	66.28 319	↑P	S	08 59 31.0 -1.0
HNS			eS	SS	09 08 17.8 -3.8
HNS			S	SS	09 12 38.5 +0.3
HNS	comp-Z,12nm,1.4s		LR	LR	
HNS	comp-Z,140nm,15.9s		LR	LR	
HNS	comp-Z,130nm,15.9s		LR	LR	
VNDA	Vanda	66.32 180	P	P	08 59 32.9 +1.2
VNDA	Vanda	66.32 180	P	P	08 59 32.7 +1.0
VNDA	comp-Z,6.3nm,1.2s,baz=359,slow=7.5,SNR=13		LR	LR	09 23 23.4
SBA	Scott Base	66.68 179	P	P	08 59 35.6 +1.6
XAN	Xi'an	68.32 314	↑P	sP	08 59 42.8 -2.3
XAN			pP	pmax	08 59 47.8 +1.7
HEH	HeiHe	68.67 336	eP	pmax	08 59 44.3 -2.6
XLT	XiLinHaoTe	69.49 326	eP	P	08 59 52.0 -0.3
XLT			sP	pwP	08 59 58.8 -4.7
XLT			S	S	09 09 02.0 +2.0
CMAR	Chiang Mai Arr	69.79 294	P	P	08 59 53.6 -1.0
CMAR	comp-Z,0.8nm,0.3s,baz=122,slow=5.3,SNR=7.9		LR	LR	09 32 50.3
HHC	Hu-ho-hao-te	70.28 321	eP	P	08 59 57.5 +0.2
HHC			sP	pwP	09 00 04.3 -4.1
HHC			eS	pmax	09 09 13.8 +4.3
HHC	comp-Z,13nm,0.7s		pmax	pmax	
HHC	comp-Z,35nm,4.7s		LR	LR	
HHC	comp-Z,100nm,18.8s		LR	LR	
PZH	PanZhiHua	70.37 303	P	P	09 00 00.8 +2.7
PZH	comp-Z,20nm,0.5s		pmax	pmax	
PZH	comp-Z,110nm,6.2s		pmax	pmax	
CD2	Chengdu	70.64 308	P	P	08 59 59.5 -0.1
BTO	Baotou	71.11 320	eP	P	09 00 06.5 +4.2
BTO			pP	pwP	09 00 10.8 -2.7
BTO			sP	PP	09 00 14.5 -7.9
BTO			PP	PP	09 02 38.0 -2.2
BTO	comp-Z,17nm,0.6s		pmax	pmax	
BTO	comp-Z,180nm,5.1s		LR	LR	
BTO	comp-Z,180nm,13.0s		LR	LR	
BTO	comp-Z,180nm,10.5s		LR	LR	
MA2	Magadan	71.23 353	LR	LR	09 27 08.9
LZH	Lanzhou	72.95 313	↑P	P	09 00 15.8 +2.3
LZH			sP	pwP	09 00 24.5 -0.1
LZH			pmax	pmax	
SEY	Seymchan	74.36 355	LR	LR	09 28 56.6
M11K	Mekoryuk	75.43 15	P	P	09 00 28.7 +1.6
O15K	Ungalikthiuk R	76.25 19	P	P	09 00 33.1 +1.1
N14K	Kuskokwag Cree	76.28 17	P	P	09 00 33.1 +1.0
P16K	Nushagak River	76.72 19	P	P	09 00 35.5 +1.0
R18K	Karluk	76.84 22	P	P	09 00 35.8 +0.6
Q17K	Contact Creek	76.85 21	P	P	09 00 35.9 +0.4
M14K	Bethel	76.88 17	P	Iamb	09 00 35.2 -0.3
M14K			Iamb	Iamb	09 00 39.9
M14K	Bethel	76.88 17	P	P	09 00 36.6 +1.2
Q16K	King Salmon	76.89 20	P	P	09 00 36.4 +0.8
ULN	Ulaanbaatar	76.91 325	P	Iamb	09 00 35.2 -1.0
ULN			Iamb	Iamb	09 00 50.5
N15K	Kwethluk River	76.96 18	P	Iamb	09 00 35.8 -0.1
N15K			Iamb	Iamb	09 00 38.6
N15K	Kwethluk River	76.96 18	P	P	09 00 36.9 +0.9
O16K	Old Harbor	77.03 23	P	P	09 00 37.0 +0.6
O16K	Kokwok River B	77.12 19	P	P	09 00 37.8 +0.9
K13K	Kusilvak Mount	77.14 15	P	P	09 00 38.1 +1.2
L14K	Kuka Creek	77.17 16	P	P	09 00 38.2 +1.2
GAMB	Gambell	77.20 11	P	P	09 00 38.0 +0.8
M15K	Kasigulik River	77.20 17	P	P	09 00 38.0 +0.8
S0NM	Songino Array	77.27 325	P	Iamb	09 00 38.3 +0.2
S0NM			Iamb	Iamb	09 00 52.4
S0NM	Songino Array	77.27 325	P	P	09 00 38.2 +0.2
S0NM	comp-Z,5.0nm,0.8s,baz=136,slow=4.8,SNR=14		LR	LR	09 34 20.2
S0NM	comp-Z,86nm,20.4s,baz=102,slow=36		LR	LR	
S0NM	comp-Z,5.0nm,0.8s		LR	LR	

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GTA	Gaotai	77.30 315	eP	P	09 00 40.0 +1.5
GTA			pmax	pmax	
YAK	Yakutsk	77.52 345	LR	LR	09 31 38.6
O17K	Koliganek Bris	77.59 19	P	P	09 00 40.0 +0.6
N16K	Nishik Lake	77.60 18	P	P	09 00 39.9 +0.3
KDAK	Kodiak Island	77.69 23	LR	LR	09 35 05.0
L15K	Ungalak Mounta	77.77 16	P	P	09 00 40.8 +0.3
M16K	Timber Creek	77.98 18	P	P	09 00 41.8 +0.2
M16K	Timber Creek	77.98 18	P	P	09 00 41.6 0.0
J14K	Nanvanarak Lak	78.11 15	P	P	09 00 42.9 +0.6
Q19K	Cape Douglas,	78.13 21	P	P	09 00 42.2 -0.3
N17K	Nushagak Hills	78.14 19	P	P	09 00 42.4 -0.1
K15K	Wolf Creek Mou	78.26 16	P	Iamb	09 00 43.4 +0.2
K15K			Iamb	Iamb	09 00 46.1
K15K	Wolf Creek Mo	78.26 16	P	P	09 00 44.0 +0.9
O18K	Kotik Hills	78.27 20	P	P	09 00 43.5 +0.2
L16K	Owhat River	78.37 17	P	P	09 00 44.6 +0.9
N18K	Kilae Creek	78.67 19	P	P	09 00 46.8 +1.3
M17K	Holifna River	78.73 18	P	P	09 00 46.4 +0.6
P19K	Oil Pt	78.80 21	P	P	09 00 46.8 +0.6
QSPA	South Pole Qui	78.81 180	P	LR	09 00 46.3 -0.2
QSPA	comp-Z,1.3nm,1.0s,baz=354,slow=1.5,SNR=26		LR	LR	09 33 43.3
L17K	Donlin	79.05 17	P	P	09 00 48.9 +1.4
ANM	Nome	79.21 13	P	P	09 00 49.8 +1.5
N19K	Bonanza Creek	79.23 20	P	P	09 00 48.4 +0.7
M18K	Stony River	79.30 19	P	P	09 00 50.3 +1.4
J16K	Anvik River	79.32 16	P	P	09 00 50.3 +1.3
K17K	Iditarod	79.50 17	P	Iamb	09 00 50.4 +0.4
K17K			Iamb	Iamb	09 00 52.7
K17K	Iditarod	79.50 17	P	P	09 00 50.8 +0.8
TNA	Tin City	79.53 12	P	P	09 00 51.0 +1.0
L18K	Granite Mounta	79.59 18	P	P	09 00 51.3 +0.8
BRSE	Bradley Lake S	79.76 22	P	P	09 00 52.2 +0.8
I17K	Unalakleet	79.78 15	P	P	09 00 52.3 +0.9
F14K	Arctic Creek	79.78 12	P	P	09 00 52.5 +1.0
J17K	VAMB Dome	79.82 16	P	P	09 00 51.8 +0.1
G15K	Niukuk	79.88 14	P	P	09 00 52.6 +0.6
M19K	Big River Lodg	80.07 19	P	P	09 00 53.9 +0.8
L19K	White Mountain	80.13 19	P	P	09 00 52.1 -1.4
L19K	White Mountain	80.13 19	P	P	09 00 53.7 +0.2
F15K	North Star Dit	80.35 13	P	P	09 00 55.4 +0.9
M20K	Styx River	80.46 19	P	P	09 00 55.7 +0.4
SEW	Seward	80.48 22	P	P	09 00 56.2 +0.9
J18K	Innoko River	80.54 17	P	Iamb	09 00 56.0 +0.4
J18K			Iamb	Iamb	09 01 02.4
J18K	Innoko River	80.54 17	P	P	09 00 56.7 +1.1
G16K	Koyuk River	80.61 14	P	P	09 00 56.4 +0.5
O22K	Cooper Landing	80.64 22	P	P	09 00 55.8 -0.3
L20K	Farewell, AK	80.66 19	P	P	09 00 56.9 +0.7
H17K	Granite Mounta	80.83 15	P	P	09 00 57.1 0.0
SUA	Susitna One	80.96 21	P	P	09 00 58.6 +0.6
RC01	Rabbit Creek A	81.05 21	P	P	09 00 59.3 +1.0
SKT	Skwentna A	81.06 20	P	P	09 00 59.4 +1.0
G17K	Kiwalik Mounta	81.11 14	P	P	09 00 59.4 +0.9
K20K	Telida	81.25 18	P	P	09 00 59.3 -0.1
K20K	Telida	81.25 18	P	P	09 00 59.6 +0.2
J19K	Poorman	81.26 17	P	P	09 01 00.4 +1.0
H18K	Honhosa River	81.41 15	P	P	09 01 01.1 +0.9
PPLA	Purkeypile	81.50 19	P	P	09 01 01.7 +0.9
PMR	Palmer	81.61 21	P	P	09 01 02.2 +0.9
KNK	Knik Glacier	81.72 21	P	P	09 01 02.7 +0.7
F17K	Baldwin Pennin	81.73 14	P	P	09 01 02.8 +1.0
J20K	Nowina River	81.83 17	P	P	09 01 03.7 +1.3
GLI	Glacier Island	81.87 22	P	P	09 01 03.3 +0.6
CAST	Castle Rocks	81.90 19	P	Iamb	09 01 01.5 -1.3
CAST			Iamb	Iamb	09 01 04.3
CAST	Castle Rocks	81.90 19	P	P	09 01 02.8 -0.1
G18K	Tagagawik	81.92 15	P	P	09 01 02.2 -0.7
G18K	Tagagawik	81.92 15	P	P	09 01 03.5 +0.7
SML	Sawmill	82.03 21	P	P	09 01 05.0 +1.4
E17K	Hotham Inlet	82.13 13	P	P	09 01 03.8 -0.1
EYAK	Cordova Ski Ar	82.16 23	P	P	09 01 04.5 +0.3
I20K	Naggedeneel	82.19 17	P	P	09 01 05.6 +1.4
H19K	Roundabout Mou	82.20 16	P	P	09 01 05.4 +1.1
F18K	Selawik	82.24 14	P	P	09 01 05.5 +1.1
KAIM	Kayak Island	82.28 24	P	P	09 01 06.0 +1.1
D17K	Noatak River	82.37 12	P	P	09 01 05.6 +0.4
SCM	Sheep Creek Mo	82.41 21	P	P	09 01 06.2 +0.6
G19K	Purcell Mounta	82.51 15	P	P	09 01 06.2 +0.2
H20K	Antlonega Mo	82.60 16	P	P	09 01 06.7 +0.2
WAT1	Susitna Watana	82.65 20	P	P	09 01 06.4 +0.4
E18K	Tukpahleirik C	82.68 13	P	P	09 01 06.6 -0.2
E18K	Tukpahleirik C	82.68 13	P	P	09 01 07.7 +0.9
KLU	Klutina	82.70 22	P	P	09 01 08.4 +1.3
RDOG	Red Dog Mine	82.70 12	P	Iamb	09 01 07.6 -0.2
RDOG			Iamb	Iamb	09 01 09.5
RDOG	Red Dog Mine	82.70 12	P	P	09 01 07.6 +0.7
BPAW	Bear Paw Mtn.	82.73 19	P	P	09 01 07.5 +0.3
BPAW	Bear Paw Mtn.				

28d 9h

Table of station data for 28d 9h, including columns for station name, coordinates, and various parameters like SNR and elevation.

2018 JUN

Main table of station data for 2018 JUN, listing station names, coordinates, and operational status.

1616

Table of station data for 1616, including station names, coordinates, and specific parameters like SNR and elevation.

28d 10h

ASAR Alice Springs 44.87 258 P 09 51 28.7 -0.2
WRA Warramunga Arr 45.12 264 P 09 51 30.7 -0.2

CATAC 28 09:54:05.7z 1.1, 13.96N:91.43W, h4km, mb3.7, ML3.5
SNET 28 09:54:07.0z 1.3, 14.06N:91.51W, h35km, 672km, ML3.3

Code Station Name Az AZZ Phase ID Time Res
SULM Suchitepequez, 0.34 5 Op Pn 09 54 16.6 +1.3

NBG Las Nubes 1.36 63 i P Pb 09 54 30.9 -0.4
NBG Sacapulas 1.41 20 i P Pn 09 54 30.5 +0.5

CEVE Cerro Verde 1.92 94 i P Pn 09 54 36.8 -0.3
SNJE San Jose 1.93 92 e P Pn 09 54 36.8 -0.5

JAYA Jayaque - fino 2.11 98 e P Pn 09 54 39.3 -0.3
JAYA Jayaque - fino 2.11 98 i P Pn 09 54 39.5 -0.1

MRL Marmol 2.16 59 i P Pb 09 54 40.0 -0.9
MTO3 Montecristo 2.21 78 e P Pn 09 54 40.5 -0.6

PMON Piamonte 2.23 96 i P Pn 09 54 41.3 +0.1
UEES Universidad Ev 2.30 96 i P Pn 09 54 43.2 +1.0

PANCS Alcalda de 2.37 98 i P Pn 09 54 43.4 +0.2
LOMA Loma Larga 2.37 97 i P Pn 09 54 43.6 +0.3

PAVA Las Pavas 2.59 95 i P Pn 09 54 45.9 -0.4
COEG Centro de Oper 2.66 97 e P Pn 09 54 47.4 +0.2

SCLA Alcadia de Sa 2.79 95 i P Pn 09 54 49.3 +0.3
CNGA Al SSO del Vol 4.98 106 i P Pn 09 55 17.7 -1.4

CNGN Cerro Negro 4.98 106 i S Pn 09 56 18.1 +2.3
BOAB BOACO BROADBAN 96 104 i P Pn 09 55 33.4 +0.9

BOAB comp=Z,13nm,1.6s IAML 09 56 27.2
BOAB comp=Z,22nm,1.0s IAML

IDC 28 09:56:45.8z 15.0, 0.51S:17.69W, h0km, mb3.6/2,
mbtmp4.0/3, ML4.7/1, Error ellipse: s-maj=661.7km

Code Station Name Az AZZ Phase ID Time Res
H10N2 ASCENSION HYDR 7.94 156 T T 10 08 03.5

H10N3 ASCENSION HYDR 7.95 157 T T 10 07 58.4
H10N1 ASCENSION HYDR 7.96 156 T T 10 07 57.9

DBIC Dimbokro 14.65 61 Pn 10 00 14.7 +0.1
TORD Torodi Ar. Bea 23.52 54 P P 10 01 57.8 0.0

TXAR Lajitas Array 86.74 299 P P 10 09 32.5 0.0
IDC 28 09:59:19.6z 8.4, 19.53N:143.65E, h163km, 68km, mb3.3/4,

Code Station Name Az AZZ Phase ID Time Res
GUMO Guam 6.02 169 P Pn 10 00 46.3 -0.4

WRA Warramunga Arr 40.27 194 P P 10 06 41.1 +0.2
ASAR Alice Springs 43.97 193 P P 10 07 10.6 -0.2

ILAR Eielson Array 63.77 27 P P 10 09 35.1 +1.2
NVAR Mina Array Bea 84.14 51 P P 10 11 31.4 -1.6

HEL 28 10:01:58.5z 0.1, 62.75N:22.89E, h0km, ML1.2,
Explosion, Finland

Code Station Name Az AZZ Phase ID Time Res
VAF Ylistaro 0.31 341 e P Pg 10 02 03.4 -1.1

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VAZ bazz=165 SG Sg 10 02 06.3 -2.3
KPF Kankaanpaa 0.99 203 PG Pg 10 02 16.1 -1.4

KPF Keuruu 1.09 121 e P Sg 10 02 17.4 -1.9
KEF Keuruu 1.09 121 PG Pg 10 02 17.9 -1.4

KEF comp=Z,1.2nm,0.2s SB Sg 10 02 32.8 -0.6
UMAU Umeaa 1.52 320 PN Sn 10 02 26.4 -0.4

OBF8 Uukokalla 1.61 9 PN Pn 10 02 28.5 +0.4
OBFB comp=Z,1.4nm,0.2s MNG Sg 10 02 46.7

OBFB Kangasniemi 1.71 110 PG Pn 10 02 49.5 0.0
KAF bazz=290 MSG Sg 10 02 28.9 -0.6

KAF comp=Z,1.8nm,0.2s MSG Sg 10 02 49.6
HUSU Husum 1.78 291 PG Pn 10 02 51.8 -0.2

HAF Rauma 1.81 198 e P Pn 10 02 31.5 -0.3
RAF Rauma 1.81 198 PG Pg 10 02 30.2 -0.7

RAF comp=Z,1.7nm,0.2s MSG Sg 10 02 52.4
RAF Merijarvi 1.82 26 SG Sg 10 02 54.3 -0.2

OUF comp=Z,1.3nm,0.2s MSG Sg 10 02 51.9 +0.4
OBF4 Syolatti, Pyha 1.86 18 SN MSG Sb 10 02 56.0 0.0

OBFO BURV Burvik 1.96 341 PG Pn 10 02 57.2 +0.2
BURU bazz=164 SG Sg 10 02 33.5 +0.5

BURU FINESS Array S 1.99 130 SG Sg 10 02 59.3 -0.8
FIAO comp=Z,1.8nm,0.2s MSG Pg 10 02 37.5 +0.2

FIAO Hemsoen 2.24 270 SG Sg 10 03 00.3 -0.5
HEMU HEMU 2.24 270 PB Pg 10 02 37.1 +0.3

OBFB Vikkela, Lumij 2.30 24 MNG Sg 10 03 07.1 -0.9
OBFB4 comp=Z,0.7nm,0.2s SG Sg 10 03 09.6 0.0

HEL 28 10:02:40.6z 0.1, 62.83N:29.22E, h0km, ML1.2,
Explosion, Finland

Code Station Name Az AZZ Phase ID Time Res
NIF Nilsia 0.85 312 PG Pg 10 02 55.9 -1.0

JOF Joensuu 0.96 84 e P Pg 10 02 57.9 -1.1
JOF Joensuu 0.96 84 PN Pg 10 02 58.1 -0.9

JOF comp=Z,263 SG Sg 10 02 58.1 -0.9
JOF Ruokolahiti 1.42 185 PG Sg 10 03 09.6 -1.8

RMF Romuvaara 1.43 13 PG Pn 10 03 06.4 -1.4
RMF comp=Z,1.1nm,0.2s MSG Pg 10 03 23.6

RMF FINESS Array S 2.03 228 SB Sg 10 03 25.2 -1.2
FIAO comp=Z,0.9nm,0.2s MSG Pg 10 03 41.0 +0.8

FIAO Keuruu 2.13 254 PG Pg 10 03 18.8 -1.2
KEF comp=Z,1.5nm,0.2s MNG Sg 10 03 43.6

KEF Merijarvi 2.53 310 SG Sg 10 03 46.8 -0.1
OUF comp=Z,1.3nm,0.2s MNG Sg 10 03 55.2

VAF Ylistaro 3.00 277 SG Sb 10 03 57.6 -0.9
VAF comp=Z,0.7nm,0.2s SB Sg 10 04 09.0

VAF Riekki 3.22 5 SG Sb 10 04 11.2 -0.8
KUR Ranua 3.37 343 SG Sb 10 04 18.4 0.0

HPAH comp=N,1um,1.0s IAML 10 31 56.8
HPAH comp=E,938nm,1.2s IAML 10 32 01.9

WEL 28 10:35:05.7z 1.1, 35.5S:18.179E:2.7, h280km, 13km,
M3.5/7, MB4.1/3, ML4.2/5, MLV3.5/7, Mw(mB)3.2/3, Error

Code Station Name Az AZZ Phase ID Time Res
MXZ Matakaoa Point 2.34 194 S Pn 10 36 30.6 -1.1

WMGZ Waiomatatini S 2.57 191 S Pn 10 36 55.0 -3.3
WMGZ Waiomatatini S 2.57 191 S Pn 10 36 35.5 0.0

HAZ Te Kaha 2.66 202 P S Pn 10 35 56.3 -0.3
HAZ Te Kaha 2.66 202 P S Pn 10 36 37.7 +0.6

PUZ Rukettii 2.84 192 P S Pn 10 35 59.2 +0.7
PUZ Rukettii 2.84 192 P S Pn 10 35 59.5 0.5

RUGZ Paukumara Rang 2.88 202 P S Pn 10 36 42.2 +0.9
RUGZ Paukumara Rang 2.88 202 P S Pn 10 36 00.6 +0.5

MWZ Matawai 3.27 201 P S Pn 10 36 43.8 +0.4
MWZ Matawai 3.27 201 P S Pn 10 36 03.3 +0.4

TKGZ Te Karaka 3.28 196 P S Pn 10 36 03.8 +0.9
TKGZ Te Karaka 3.28 196 P S Pn 10 36 50.1 +1.5

URZ Urewera 3.34 207 P S Pn 10 36 03.5 0.0
URZ Urewera 3.34 207 P S Pn 10 36 49.5 -0.1

MUGZ Murupara 3.66 209 P S Pn 10 36 07.0 0.0
MUGZ Black Stump Fm 4.37 207 P S Pn 10 37 11.4 +0.7

OTVZ Otutere 4.71 214 P Pn 10 36 20.1 +1.0
TIWZ Tintock 6.01 203 P Pn 10 36 35.0 +0.5

TIWZ Mangatainoka R 6.01 206 P S Pn 10 37 47.2 +1.2
MRZ Mangatainoka R 6.01 206 P S Pn 10 37 45.8 -0.2

OGWZ Otaki Gorge 6.30 208 P Pn 10 36 37.7 -0.4
OGWZ Otaki Gorge 6.30 208 P Pn 10 37 52.6 +0.2

KIW Kapiti Island 6.44 209 P S Pn 10 36 38.0 -1.8
KIWI Kapiti Island 6.44 209 P S Pn 10 37 54.8 -0.7

MOS 28 10:49:08.4z 0.8, 2.87S:127.58E, h33km, mb5.2/34, Error
ellipse: s-maj=10.4km s-min=5.0km az=109.5

IDC 28 10:49:09.3z 2.8, 2.99S:127.61E, h30km, 18km, mb4.7/2/1,
mbtmp4.9/22, ML5.1/1, MS3.7/45, Error ellipse: s-maj=22.7km

BUI 28 10:49:10.2z 0.0, 2.78S:127.84E, h40km, mb5.2/68,
mB5.0/30, Ms4.3/11, Ms7.3/9/16

NEIC 28 10:49:11.1z 2.0, 2.84S:102.06E:127.60E:0.06, h38km, 3km,
mB5.1/101, Error ellipse: s-maj=9.0km s-min=8.6km az=63.0

DJA 28 10:49:12.5z 0.3, 3.3S:127.8E, h38km, 5km, M5.0/21,
mb5.0/21, mB5.4/19, MLV5.3/18, Mw(mB)4.8/19, Mw(mB)4.8/19

ISC 28 10:49:10.5z 0.3, 2.89S:103.127.62E:0.04, h34km, 1km,
h36km: p-P, n525, r1940/518, mb5.1/121, MS3.8/53, 18C-16D, Ceram Sea

Code Station Name Az AZZ Phase ID Time Res
NLAI Namlea 0.62 236 Op Pn 10 49 28.2 0.0

SANI Sanana 1.83 297 P Pn 10 49 36.8 -2.9
SANI Sanana 1.83 297 P Pn 10 49 36.0 -3.5

LBMI Labuha 2.24 357 P Pn 10 49 44.4 -0.8
BNDI Bandanaira 2.80 125 P Pb 10 49 58.2 -1.6

BNDI Bandanaira 2.80 125 P Pb 10 49 58.0 -1.8

PMG	comp=Z,377nm,19.3s,baz=316,slow=44	LR	LR	11 04 18.7					
QIS	Mount Isa	21.09 147	P	P	10 53 52.6 +0.4				
AS31	Alice Springs	21.53 164	P	P	10 53 57.3 +0.3				
ASAR	Alice Springs	21.53 164	P	P	10 53 57.0 +0.1				
ASAR	Alice Springs	21.53 164	P	P	10 53 56.9 -0.1				
ASAR	comp=Z,28nm,0.5s,baz=344,slow=11,SNR=405	S							
ASAR	comp=Z,16nm,1.0s,baz=343,slow=20,SNR=8.9	ScP			10 57 51.5 -2.5				
ASAR	comp=Z,1.8nm,0.6s,baz=354,slow=2.0,SNR=9.5	ScP			11 01 33.5 -0.1				
ASAR	comp=Z,38nm,18.4s,baz=3.0,slow=42	LR	LR		11 04 07.6				
ASAR	comp=Z,28nm,0.5s	LR	LR						
AS01	Alice Springs	21.54 164	P	P	10 53 57.3 +0.3				
WRKA	Warakurna	22.03 174	P	P	10 54 02.4 +0.2				
MTSU	Mount Surprise	22.30 138	P	P	10 54 06.2 +0.9				
GIRL	Giralia	23.54 212	P	P	10 54 17.9 +0.1				
GUMO	Guam	23.69 46	LR	LR	11 04 59.0				
RABL	Rabaul	24.53 94	P	P	10 54 27.7 +0.5				
CTAO	Charters Tower	24.96 135	P	P	10 54 33.2 +2.2				
CTAO	Charters Tower	24.96 135	P	P	10 54 30.9 -0.1				
CTAO	Charters Tower	24.96 135	P	P	10 54 30.9 -0.1				
MEEK	Meekatharra	25.14 199	P	P	10 54 30.9 -1.7				
GOD	Oodnadatta	25.94 163	P	P	10 54 40.0 +0.2				
YULB	Yu-li	26.84 347	P	P	10 54 48.0 0.0				
YULB	Yu-li	26.84 347	P	P	10 54 46.7 -1.3				
TPUB	Ta-pu	26.91 346	P	P	10 54 49.7 +1.1				
TPUB	Ta-pu	26.91 346	P	P	10 54 48.3 -0.3				
SSLB	Suanglung	27.30 347	P	P	10 54 52.4 +0.3				
SSLB	Suanglung	27.30 347	P	P	10 54 51.5 -0.6				
IPM	Iloh	27.56 285	P	P	10 54 55.5 +0.9				
INKA	Innaminka	27.71 154	P	P	10 54 56.6 +0.8				
FORT	Forrest	27.74 179	P	P	10 54 56.0 0.0				
FORT	Forrest	27.74 179	P	P	10 54 55.6 -0.4				
FORT	Forrest	27.74 179	IAMB	IAMB	10 55 13.8				
MULG	Mulgathing	27.92 162	P	P	10 54 57.2 -0.4				
QIZ	Qizhong	27.97 328	P	P	10 54 58.3 +0.5				
QIZ	Qizhong	27.97 328	S		10 59 40.3 +0.7				
QIZ	Qizhong	27.97 328	P	P					
QIZ	comp=Z,16nm,1.1s	LR	LR						
QIZ	comp=Z,130nm,15.8s	LR	LR						
QIZ	comp=Z,110nm,14.1s	LR	LR						
YHNB	Yeheng	28.06 348	P	P	10 54 59.2 +0.2				
MORW	Morawa	28.27 202	P	P	10 55 00.4 -0.3				
MORW	Morawa	28.27 202	P	P	10 55 01.1 +0.4				
MORW	Morawa	28.27 202	IAMB	IAMB	10 55 03.6				
UBPT	Ubungah	28.40 310	P	P	10 55 02.3 +0.2				
QLP	Quilpie	28.44 147	P	P	10 55 03.0 +0.7				
KMBL	Kambalda	28.84 190	P	P	10 55 04.9 -0.9				
LCKR	Leigh Creek	29.19 161	P	P	10 55 09.2 +0.3				
BLDU	Ballidu	29.44 199	P	P	10 55 09.2 -2.0				
JOW	Kunigami	29.55 11	P	P	10 55 11.9 -0.3				
JOW	Kunigami	29.55 11	P	P	10 55 11.4 -0.7				
JOW	Kunigami	29.55 11	IAMB	IAMB	10 55 47.1				
JOW	comp=Z,24nm,1.0s	LR	LR		11 05 38.1				
KLBR	Kellerberrin	30.02 197	P	P	10 55 15.3 -1.0				
BBOO	Buckleboob	30.80 166	P	P	10 55 22.3 -0.8				
BBOO	Buckleboob	30.80 166	P	P	10 55 22.6 -0.5				
NWAO	Narrogin (SRO)	31.43 197	P	P	10 55 28.9 +0.2				
NWAO	Narrogin (SRO)	31.43 197	P	P	10 55 27.0 -1.7				
NWAO	Narrogin (SRO)	31.43 197	IAMB	IAMB	10 56 01.0				
NWAO	comp=Z,76nm,1.6s	LR	LR		11 09 28.6				
NWAO	comp=Z,283nm,18.6s,baz=278,slow=39	LR	LR		10 55 27.0 -1.7				
NWAO	comp=Z,283nm,18.6s,baz=278,slow=39	P	P						
NWAO	comp=Z,283nm,18.6s,baz=278,slow=39	P	P						
STKA	Stephens Creek	31.69 157	P	P	10 55 31.5 +0.5				
STKA	Stephens Creek	31.69 157	P	P	10 55 31.2 +0.1				
STKA	Stephens Creek	31.69 157	P	P	10 55 30.2 -0.8				
STKA	comp=Z,5.2nm,0.5s,baz=330,slow=8,SNR=9.5	LR	LR		11 09 42.7				
STKA	comp=Z,470nm,18.6s,baz=334,slow=39	LR	LR						
STKA	comp=Z,5.2nm,0.5s	P	P		10 55 31.2 +0.1				
HTT	Hallett	32.17 162	P	P	10 55 35.0 -0.3				
GULI	Gullin	32.63 330	P	P	10 55 40.5 +1.2				
GULI	Gullin	32.63 330	P	P					
HNR	Honiara	32.77 103	LR	LR	11 10 42.4				
JCJ	Chichijima	32.96 24	LR	LR	10 55 41.2 -0.9				
JCJ	Chichijima	32.96 24	LR	LR	11 06 53.7				
CMSA	Cobar Meteorol	33.20 151	P	P	10 55 44.6 +0.4				
SLVN	Son La	33.45 317	IAMB	IAMB	10 55 49.1				
PHRA	Phrae	34.34 309	P	P	10 55 55.8 +1.6				
CMR3	Chiang Mai Arr	35.32 308	IAMB	IAMB	10 56 05.2				
CMAR	Chiang Mai Arr	35.32 308	P	P	10 56 04.0 +1.2				
CMAR	comp=Z,14nm,0.4s,baz=124,slow=5.9,SNR=26	LR	LR		11 13 12.9				
CMAR	comp=Z,58nm,18.7s,baz=110,slow=41	LR	LR						
CMAR	comp=Z,14nm,0.4s	P	P		10 56 04.0 +1.2				
CHTO	Chiang Mai	35.32 308	P	P	10 56 05.4 +1.0				
CHTO	Chiang Mai	35.32 308	P	P	10 56 05.4 +1.0				
CHTO	Chiang Mai	35.32 308	P	P	10 56 05.4 +1.0				
CHTO	Chiang Mai	35.32 308	P	P	10 56 05.4 +1.0				
GYA	Guliyang	35.52 327	P	P	10 56 05.8 +1.3				
GYA	Guliyang	35.52 327	P	P	10 56 15.3 +2.5				
GYA	Guliyang	35.52 327	P	P	11 01 40.0 +1.9				
GYA	comp=Z,51nm,0.8s	P	P						
GYA	comp=Z,110nm,3.1s	LR	LR						
GYA	comp=Z,63nm,4.2s	LR	LR						
GYA	comp=Z,79nm,4.1s	LR	LR						
GYA	comp=Z,120nm,13.1s	LR	LR						
WHN	Wuhan	35.58 340	P	P	10 56 05.3 +0.5				
WHN	Wuhan	35.58 340	P	P					
ARMA	Armidale	35.58 143	P	P	10 56 06.1 +1.1				
ARMA	Armidale	35.58 143	P	P	10 56 05.6 +0.6				
ARMA	Armidale	35.58 143	IAMB	IAMB	10 56 31.8				
NJ2	Nanjing	35.73 347	P	P	10 56 06.0 -0.1				
NJ2	Nanjing	35.73 347	P	P	10 56 18.3 -1.7				
NJ2	Nanjing	35.73 347	P	P	10 56 24.5 +4.3				
NJ2	comp=Z,12nm,1.0s	P	P						
NJ2	comp=Z,61nm,3.8s	P	P						
JNU	Nakatsue	35.95 5	LR	LR	11 09 28.1				
ARPS	Mount Arapiles	36.17 160	P	P	10 56 10.3 +0.5				
YNG	Young	36.76 151	P	P	10 56 15.7 +0.8				
KMI	Kunming	36.85 321	P	P	10 56 18.0 +1.9				
KMI	Kunming	36.85 321	P	P	10 56 29.0 -1.0				
KMI	Kunming	36.85 321	P	P					
MGCD	Mangrove Creek	37.33 147	P	P	10 56 21.8 +2.1				
CAN	Canberra	37.88 151	P	P	10 56 25.6 +1.1				
CAN	Canberra	37.88 151	P	P	10 56 25.5 +1.1				
CAN	Canberra	37.88 151	P	P	10 56 25.5 +1.1				
CAN	Canberra	37.88 151	P	P	10 56 25.5 +1.1				
CAN	comp=Z,28nm,0.6s	P	P						
CAN	Canberra	37.88 151	P	P	10 56 25.8 +1.3				
CAN	Canberra	37.88 151	P	P	10 56 36.4 -0.4				
CAN	Canberra	37.88 151	P	P	10 56 27.7 +1.8				
CAN	Canberra	37.88 151	P	P	10 56 28.8 +1.6				
TOO	Toolangi	38.22 157	IAMB	IAMB	10 56 43.3				
TOO	Toolangi	38.22 157	IAMB	IAMB	10 56 43.3				

PZH	PanZhiHua	38.46 321	P	P	10 56 30.5 +0.9				
PZH	PanZhiHua	38.46 321	P	P					
PZH	comp=Z,60nm,0.8s	P	P						
INU	Inuyama	39.05 12	P	P	10 56 34.0 -0.2				
INU	Inuyama	39.05 12	P	P	10 56 34.9				
INU	comp=Z,52nm,0.9s	P	P						
TJN	Taejon	39.06 360	P	P	10 56 33.8 -0.3				
MILA	Mila	39.35 152	P	P	10 56 33.8 -0.5				
JGF	Kuroka	39.36 13	P	P	10 56 37.8 +1.0				
TNCH	TengChong	39.59 316	P	P	10 56 36.5 -0.4				
TNCH	TengChong	39.59 316	P	P	10 56 40.3 +1.2				
TNCH	comp=Z,41nm,0.7s	P	P						
TNCH	comp=Z,130nm,3.0s	P	P						
KOUNC	Koumac, New Ca	39.81 119	P	P	10 56 40.5 -0.2				
KOUNC	Koumac, New Ca	39.81 119	P	P	10 57 44.6				
LYN	LuoYang	39.88 340	P	P	10 56 41.0 -0.1				
LYN	LuoYang	39.88 340	P	P	10 56 57.5 +2.9				
LYN	comp=Z,38nm,0.9s	P	P						
LYN	comp=Z,140nm,5.4s	LR	LR						
LYN	comp=Z,140nm,14.8s	LR	LR						
LYN	comp=Z,180nm,17.9s	LR	LR						
KSAR	Wonju Array Be	40.13 0	P	P	10 56 42.8 -0.3				
KSAR	Wonju Array Be	40.13 0	P	P	10 56 42.8 -0.3				
KSRS	Korea Array	40.14 0	P	P	10 56 43.1 0.0				
KSRS	comp=Z,6.8nm,0.9s,baz=182,slow=9.5,SNR=19	P	P						
MJAR	Matsushiro Arr	40.45 13	P	P	10 56 44.5 -1.4				
MJAR	Matsushiro Arr	40.45 13	P	P					
MJAR	comp=Z,18nm,0.6s,baz=192,slow=8.9,SNR=63	LR	LR		11 11 49.9				
MJAR	comp=Z,174nm,21.6s,baz=188,slow=34	LR	LR						
MJAR	comp=Z,18nm,0.6s	P	P						
MAJO	Matsushiro	40.45 13	P	P	10 56 45.0 -0.8				
MAJO	Matsushiro	40.45 13	P	P	10 56 44.6 -1.3				
MAJO	Matsushiro	40.45 13	P	P	10 56 46.8				
MAJO	Matsushiro	40.45 13	P	P	10 56 45.1 -0.8				
MAJO	Matsushiro	40.45 13	P	P					
MAJO	comp=Z,31nm,0.7s	P	P		10 56 44.6 -1.3				
MAJO	comp=Z,31nm,0.7s	P	P		10 56 44.6 -1.3				
MAJO	comp=Z,31nm,0.7s	P	P		10 56 44.6 -1.3				

28th 10h

Table with columns: YAK, Yakutsk, 64.76, 1, LR, LR, 11 30 42.7, etc. Lists various Yakutsk locations and their coordinates.

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Table with columns: F15K, North Star Dit, 83.63, 23, Iamb, Iamb, 11 01 38.0, etc. Lists various locations in the Far East of Russia.

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Table with columns: G22K, Bettles, 89.06, 23, P, P, 11 02 01.6 -0.2, etc. Lists various locations in the Kamchatka Peninsula.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MNK, MKR, MNK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC, VRAC, JARVC, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GAT, GAT, BLIT, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, KKAR, etc.

SJA 28 11:38:44.6:0.5, 23.92S:66.65W, h242km, 5km, ML3.3, MW3.6

GUC 28 11:38:48.4:0.7, 23.84S:67.29W, h245km, 10km, ML3.9

ISC 28 11:38:44.8:2.6, 23.92S:0.05:66.75W, 0.06, h253km, 21km, n15, c1955/30, 6C, Juiuy Province

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

HEL 28 11:41:29.8:0.2, 64.50N:20.91E, h0km, ML1.2, Explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ODEU, ODEU, BURU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HARU, HARU, VAF, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KLF, KLF, MSF, etc.

IDL 28 11:54:20.4:0.9, 28.78S:177.00W, h0km, mb4.1/5, mbmp4.1/5, MS3.4/10, Error ellipse: s-maj=32.9km

ISC 28 11:54:24.6:0.7, 29.2S:0.1:176.77W, 0.09, h36km, n28, c1990/24, mb4.3/7, MS3.4/8, 4C, Kermadec Islands region

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

SOME 28 12:06:19.1, 44.73N:81.93E, h20km

NINC 28 12:06:19.8:1.4, 44.89N:81.93E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=15.7km s-min=5.0km az=126.0, Suspected Mining explosion

ISC 28 12:06:17.9:1.7, 44.56N:0.07:82.11E:0.09, h0km, n19, c1920/30, 5D, Northern Xinjiang

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

Table with columns: Code, Station Name, Az, El, AzG, Phase ID, Time, Res. Includes stations like M23K, SCM, O16K, S14K, VNFQ, VNVF, SVWZ, SKT, N25K, N17K, GLB, M20K, SAMH, CHNA, CNBA, M24K, MCARA, M19K, WACK, PNL, O15K, WAT6, WAZA, N16K, HARP, L19K, WAT1, O28M, L20K, M17K, DHY, M16K, PAX, O29M, L18K, O4K, P29M, P29M, PAV1A, RND, M27K, S12K, S12K, CAST, KTH, S31K, M15K, M15K, L26K, YUK6, L16K, YUK4, PLBC, L27K, BCAR, SIT, BPWW, BPWW, K17K, K17K, J18K, FALS, FALS, SKAG, N30M, S32K, O30N, O30N, M29M, JIS, CCB, M19K, S31N, J25K, ILAR, ILAR, ILAR, ILAR, J17K, J26L, WHY, WHY, MLY, I23K, I23K, L29M, P32M, CRAG, H21K.

Table with columns: Code, Station Name, Az, El, AzG, Phase ID, Time, Res. Includes stations like H23K, H23K, Q32M, P33M, P33M, K29M, K29M, AKSA, H22K, H22K, AKLV, H18K, IMAR, H17K, UNV, R33M, R33M, G23K, G24K, J30M, DLBC, DLBC, DLBC, F21K, F20K, E24K, G29M, E25K, E21K, D25K, BBB, INK, INK, ADK, ADK, YKA, YKA, YKA, A36M, A36M, NEW, SHEM, YBH, NVAR, PDAR, PETK, PETK, MA2, ULM, OBL, WRMH, SDHH, HTC, FRB, TXAR, SCHO, SADO, TKL, NRK, H11N, H11N, H11N, H11S, H11S, ARCS, SONM, ZALV, FINES, KURBB, MKAR, GSPA, NAM 28 14:40:05.8-4.5, 19:70S, 14:46E, h18km, 20km, MLO, 1, Namibia.

Table with columns: Code, Station Name, Az, El, AzG, Phase ID, Time, Res. Includes stations like ST1N, ST1N, ST1N, ST1N, ST1N, ST2N, ST2N, ST2N, ST5N, ST5N, ST5N, ST10N, ST10N, ST10N, ST10N, ST10N, OBL, UWB, WRMH, RIM, SBLH, HATHI, KKO, SDHH, RSD, PUH, PUH, PUH, KNH, HLP, HLP, MLOA, MWH, KHU, POHA, HUH, HPAH, NEIC 28 14:48:46.5-1.1, 19:408N, 0:010, 155:294W, 0:008, h3km, 1km, Error ellipse: s-maj=1.6km s-min=0.9km az=207.0, HVO 28 14:48:46.2-0.7, 19:414N, 0:006, 155:284W, 0:004, h1km, 3km, ML3.5/14, ML2.7/25(NEIC), Error ellipse: s-maj=1.1km s-min=0.4km az=153.0, Hawaiian Islands.

28d 14h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like JOKA, PAH, MLOA, MWH, POHA, KHU, HPO, IS9US, HPAH, MHA, SBC, PKM, NIKH, YBH, UNV, CHNA, CIS, H11N3, OSI, H11N2, H11N1, ARVC, FALS, H11S2, H11S1, H11S3, ISA, EDW2, CHIR, 109C, S12K, MURC, CWC, LRMC, TIN, CHGN, S14K, MPMC, RRX, NVAR, NVAR, NVAR, PPT, PFO, PFO, TPFO, PPT2, IKP, GSC, GRAC, HEC, FURC, SWSC, BELC, SHOC, BC3, TUQ, R18K, GMRC, TPNV, KDAK, IRM, GLA, P08K, Q17K, BBB, NEE2, R11B, Q20K, Q16K, PDMCI, Q19K, P16K.

2018 JUN

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like CRAG, P17K, O15K, P18K, 214A, O14K, ELK, O16K, P19K, U33K, O17K, O18K, SIT, BRSE, Q23K, O20K, RAR, RAR, N14K, SEW, N15K, SHEM, P23K, S31K, U35K, N17K, N16K, KAIM, O22K, N18K, N19K, M13K, CAPN, M15K, R31K, BGCL, M14K, EYAK, M16K, R32K, M11K, TUC, TUC, WUAE, HLID, DUG, PNL, SPCR, MESA, RCO1, GLI, M17K, PINM, M18K, NEW, NEW, P29M, SUA, CRQE, BMRM, L14K, KNK, PLBC, S34M, PMR, L16K, M22K, L15K, M19K, M20K, SKAG, O29M, KLU, SKT, SML, CTG, M23K, O28M, P30M, L19K, L17K, SCM, L18K.

1626

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like MCARA, N25K, Q32M, TBI, TBI, TBI, K13K, W18A, P32M, L20K, K15K, CUT, DLBC, DLBC, M24K, YUK6, YUK8, HYT, K17K, MSO, WAT6, YUK4, O30N, PPLA, HARP, YUK3, R33M, WAT1, WHY, J14K, M26K, M26K, P33M, M27K, N30M, K20K, DHY, J16K, J16K, CAST, J17K, J18K, PAX, PAX, RND, N31M, N31M, 121A, MVCO, MVCO, L26K, BOZ, LOHW, CHUM, MCK, N32M, M29M, J19K, L27K, BCAR, I17K, H17A, J20K, BPAW, K24K, BW06, PD31, PDAR, PDAR, PDAR, M30M, TOAD, O20A, M31M, M31M, Y22D, SCRK, SCRK, L29M, WRH, HDA, HDA, HDA, GCSA, NEA2, NEA2, I20K.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M. Rows include: H16K Elim, K27K Chicken, CCB Clear Creek Bu, H17K Granite Mounta, ANM Nome, ANMO Albuquerque, ANMO Albuquerque, J25K Salcha River, J25K Salcha River, IL31 IL31, ILAR Eielson Array, ILAR Eielson Array, ILAR Nome, ILAR comp=Z,19nm,1.4s, MLY Manley, COLA College, GAMB Gambell, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, J26L Joseph Creek, J26L Joseph Creek, RLMT Red Lodge, MDM Murphy Dome, H18K Honhosa River, I21K Tanana, I23K Minto, Yukon-K, I23K Minto, Yukon-K, SMCO Snowmass, DAWY Dawson, G15K Niukluk, POKR Poker Plat Res, POKR Poker Plat Res, K29M Barlow Dome, K29M Barlow Dome, H20K Anotileega Mo, H19K Roundabout Mou, G16K Koyuk River, G17K Kiwalik Mounta, H21K Melozitna Rive, MNTX Cornudas Mount, EGAK Eagle, EGAK Eagle, EGMT Eagleton, G18K Tagagawik, G18K Tagagawik, PRP Porcupine Dome, PRP Porcupine Dome, H22K Ishlaltina Cre, H23K Yukon River, IMAR Indian Mountai, I26K Coal Creek Min, VHRN Van Horn, F14K Arctic Creek, H24K Noodor Dome, H24K Noodor Dome, F15K North Star Dit, G19K Purcell Mount, SDCO Great Sand Dun, SDCO Great Sand Dun, TNA Tin City, J30M Hart River, K22A Casper, N23A Red Feather La, N23A Red Feather La, I27K Kandik River, G21K Alatakaket, I28M Miner Creek, I28M Miner Creek, F17K Baldwin Pennin, H25L Birch Creek, Q24A Divide, F18K Selawik, I29M Oglivie Camp, G23K Bananza Creek, G23K Bananza Creek, G23K Bananza Creek, F19K Shaluerckik Mo, I30M Mount Dempster, I30M Mount Dempster, G24K Hadweenzio Riv, T25A Trinidad, T25A Trinidad, G22K Bettles, F20K Avaraart Lake, H27K Steamboat Moun, TX31 Lajitas Ar. Si

Table with columns: TXAR, Az, El, P, M, Az, El, P, M. Rows include: TXAR Lajitas Array, TXAR comp=Z,8.0nm,1.0s, G25K Bearman Lake, ALPN Alpine, F21K Alatna River, E17K Hotham Inlet, COLD Coldflat, E19K Redstone River, H29M White Crane, G26K Porcupine Rive, E18K Tukphaiearic C, E18K Tukphaiearic C, F22K John River, G27K Doyon Strip, LAO LASA Array, LAO LASA Array, F24K Squaw Lake, H31M Peel River, H31M Peel River, EPYK Eagle Plains, BMAR Burnt Mountain, D17K Noatak River, F25K Christian River, MSTX Muleshoe, E23K Chandalar, G29M Pine Creek, F26K Sheenjek River, RTBA Rita Blanca, PET Petrolyovsk, E20K Nigu River, E24K Your Creek, RDOG Red Dog Mine, E21K Killik River, E21K Killik River, SAND Sanderson, RSSD Black Hills, RSSD Black Hills, E25K Arctic Village, G30M Atoh Zraii Nji, D19M Kuna River, F28M Old Crow, F28M Old Crow, KSCO Kaye Shedlock, C16K Lisburne Hills, C16K Lisburne Hills, D20K Etivuk River, C17K DeLong Mountai, TOLK Toolik Lake Re, TOLK Toolik Lake Re, C18K Utukok River, G31M Satah River, G31M Satah River, PETK Petropavlovsk, PETK Petropavlovsk, D22K Ayikyak River, D22K Ayikyak River, E27K Coleen River, AMTX Amarillo, POST Post, D23K Nanushuk River, C21K Knifeblade Rid, F30M Barrier River, C19K Lookout Ridge, OZNA Ozona, OZNA Ozona, D24K Happy Valley, D24K Happy Valley, OGNE Ogallala, F31M Tsigitchic, F31M Tsigitchic, D31M Dagmar, DKNS Dickens, B18K Kokolik River, E28M Babbage River, E29M Blow River, E29M Blow River, D25K Kavik River, D25K Kavik River, B21K Ikpikpak River, C24K Franklin Bluff, C23K Itkillik River, D27M Malcolm River, B20K Meade River, B20K Meade River

Table with columns: C27K, Az, El, P, M, Az, El, P, M. Rows include: C27K Jago River, SMWD Samnorwood, SMWD Samnorwood, INK Inuvik, INK Inuvik, C26K Camden Bay, A19K Wainwright, D28M Stokess Point, B22K Teshekpuk Lake, JCT Junction City, ABTX Abilene, Hawle, YKA Yellowknife Ar, YKA Yellowknife Ar, CBKS Cedar Bluff, 833A Chaparral WMA, A22K Sinclair Lake, WMOK Wichita Mounta, A21K Barrow, SUSD Millie, BGNE Belgrade, MDND Madock, 435B Jarrell, WHTX Lake Whitney, C36M Paulatuk, KSU1 Kansas State U, ECSD EROS Data Cent, ECSD EROS Data Cent, TUL3 Leonard, A36M Sachs Harbour, NATX Naedoches, AGMN Agassiz Nation, MA2 Magadan, MA2 Magadan, DZM Mont Dzumac, DZM comp=Z,93nm,25.1s, DZM comp=Z,239nm,24.6s, DZM comp=Z,158nm,27.5s, ULM Lac du Bonnet, ULM Lac du Bonnet, SEY Seymchan, MIAR Mount Ida, SCIA State Center, ASAJ Asahikawa, CMIG Matias Romero, SPMN Marine on St., GUMO Guam, JCJ Chichijima, CCM Cathedral Cave, T42A Van Buren, EYMN Ely, JFWF Jewell Farm, VBMS Vicksburg, HDIL Hopedale, OXF Oxford, MJAR Matsushiro Arr, L44A Lake County Fo, WVT Waverly, SFIN Lafayette, LRAL Lakeview Retre, BRAL Brewton, WCI Wyandotte Cave, TEIG Tepich, O48B Farmland, GLMI Grayling, URZ Urewera, P49A Miami Univ. Ec, AAM Ann Arbor, RES Resolute Bay, TKL Tuckaleeshee C, RPN Rapa Nui, TZTN Tazewell, ACSO Alum Creek Sta, USRK Ussuriysk Ar, KLR Kul'dur, GOGA Godfrey, TITON Triton, P52A Corning, O53A New Philadelph, M53A WI Miller and, YAK Yakutsk, KMCS Kings Mountain, ERPA Erie, JNU Nakatsue, BLA Blacksburg

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth 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: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

28 16h

Table with columns: SUR, Sutherland, 8.35 223 Pn Pn, 16 13 01.5 +1.2, comp=Z, 2.3nm, 0.3s, baz=52, slow=17, SNR=30

Table with columns: KRI, Karoi, 9.76 12 i P Pn, 16 13 13.6 -6.0, comp=Z, 2.4nm, 0.3s, baz=158, slow=20, SNR=5.8

Table with columns: TSDM, Tsumeb, 11.71 306 Pn Pn, 16 13 46.2 -0.1, comp=Z, 2.8nm, 0.3s

Table with columns: TOAO, Torodi Arr, 46.73 324 P P, 16 19 29.6 +1.0, comp=Z, 5.5nm, 1.3s

Table with columns: TORO, Torodi Arr, 46.73 324 P P, 16 19 28.9 +0.3, comp=Z, 1.0nm, 0.8s

Table with columns: SNA, Sanae, 48.32 192 P P, 16 19 41.8 +1.3, comp=Z, 2.6nm, 1.2s

Table with columns: QSPA, South Pole Qui, 63.73 180 P P, 16 21 32.3 +1.4, comp=Z, 2.4nm, 1.4s

Table with columns: CUC, Castruccio, 67.01 300 P P, 16 21 52.1 -0.2, comp=Z, 0.6nm, 0.7s, baz=93, slow=3.1, SNR=5.8

Table with columns: KKA, Karatay Array, 79.68 30 P P, 16 23 08.0 +1.0, comp=Z, 1.9nm, 1.2s

Table with columns: ABK, Akbulak array, 80.71 21 P P, 16 23 13.1 +0.8, comp=Z, 0.3nm, 0.6s, baz=133, slow=5.1, SNR=3.6

Table with columns: FINES, Finess Array B, 87.59 359 P P, 16 23 48.2 +1.2, comp=Z, 1.6nm, 0.9s, baz=151, slow=3.2, SNR=2.0

Table with columns: MKAR, Makanchi Array, 88.06 34 P P, 16 23 51.1 +1.4, comp=Z, 0.3nm, 0.6s, baz=217, slow=6.9, SNR=3.5

Table with columns: NVAR, Mina Array Bea, 149.01 301 PKPbc PKIKP, 16 30 49.1 -0.2, comp=Z, 0.3nm, 0.5s, baz=120, slow=3.6, SNR=2.3

IDC 28-16:32:33.0.8, 5.60S, 149.82E, h105km, 58km, mb2.7/2, mbtmp3.2/3, Error ellipse: s-maj=127.2km s-min=59.1km az=117.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PMG, Port Moresby, 4.61 215 P P, 16 33 39.8 -0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LIFNC, LIFOU, 5.64 182 P P, 16 49 10.0 -1.4

Table with columns: DZM, 780nm, 0.4s, baz=310, slow=22, SNR=17, NOUC, Port Laguerre, 7.04 189 P P, 16 49 31.7 +1.5

Table with columns: ONTNC, Queen Toro, 7.22 187 P P, 16 49 34.2 +1.5, ONTNC, Queen Toro, 7.22 187 P P, 16 49 33.1 +0.4

Table with columns: ONTNC, Queen Toro, 7.22 187 P P, 16 49 33.1 +0.4, ONTNC, Queen Toro, 7.22 187 P P, 16 49 33.1 +0.4

Table with columns: TVIH, Townsville Har, 20.15 255 P P, 16 52 15.1 +1.1, AFI, Afiamalu, 20.15 89 P P, 16 52 13.5 -0.7

Table with columns: OUZ, Omahuta, 20.77 166 P P, 16 52 21.6 +1.1, RMQ, Roma, 20.78 234 P P, 16 52 23.0 -1.6

Table with columns: CTAO, Charters Tower, 20.79 253 P P, 16 52 21.1 +0.2, CTAO, Charters Tower, 20.79 253 P P, 16 52 21.1 +0.2

Table with columns: NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8, NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8

Table with columns: NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8, NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8

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Table with columns: NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8, NIUE, Niue, 21.98 104 P P, 16 52 31.8 -1.8

Table with columns: CAN, Canberra, 26.05 216 P P, 16 53 11.9 +0.6, CAN, Canberra, 26.05 216 P P, 16 53 11.9 +0.6

Table with columns: CAN, Canberra, 26.05 216 P P, 16 53 11.9 +0.6, CAN, Canberra, 26.05 216 P P, 16 53 11.9 +0.6

Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

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Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

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Table with columns: NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8, NNZ, Nelson, 26.52 170 Iamb Iamb, 16 53 17.8

FITZ	Fitzroy Crossi	40.11 260	P	P	16 55 12.8 -0.4
PAE	Paea	41.25 100	eP	P	16 55 23.2 +0.7
PPT	Papeete	41.26 100	P	P	16 55 23.3 +1.0
PPT	Papeete	41.26 100	LR	P	17 08 48.9
PPTF	Pamatai, Papee	41.27 100	P	P	16 55 24.7 +1.9
PPTF	Pamatai, Papee	41.27 100	P	P	16 55 23.3 +0.7
TBI	Tubuai	41.38 108	eP	P	16 55 22.8 -0.8
TBI	Tubuai	41.38 108	eP	P	16 55 24.4 +0.8
TBI	Tubuai	41.38 108	eS	S	17 01 39.5 +1.0
TBI	Tubuai	41.38 108	eLQ	LQ	17 05 04.5
TBI	Tubuai	41.38 108	eLR	LR	17 06 55.4
TVO	Taravao	41.55 100	eP	P	16 55 25.8 +0.7
LBMI	Labuha	41.98 286	P	P	16 55 30.9 +2.3
SOEI	Soe	42.45 272	P	P	16 55 34.7 +2.2
SOEI	Soe	42.45 272	P	P	16 55 33.3 +0.8
SOEI	Soe	42.45 272	P	P	16 55 33.6 +1.1
TNTI	Ternate	42.65 288	P	P	16 55 34.2 +0.2
TNTI	Ternate	42.65 288	Iamb	Iamb	16 55 37.2
TNTI	Ternate	42.65 288	P	P	16 55 34.8 +0.8
SANI	Sanana	42.89 284	P	P	16 55 36.8 +0.9
SANI	Sanana	42.89 284	P	P	16 55 36.6 +0.7
BATI	Baumata	42.94 271	P	P	16 55 38.1 +1.7
KMBL	Kambalda	44.55 241	P	P	16 55 49.5 +0.5
MMRI	Maumere	44.64 273	P	P	16 55 50.4 +0.5
MMRI	Maumere	44.64 273	P	P	16 55 49.5 -0.5
MMRI	Maumere	44.64 273	PcP	PcP	16 57 31.1 +0.5
MMRI	Maumere	44.64 273	P	P	16 55 49.9 0.0
BBSI	Bau Bau	45.09 277	P	P	16 55 55.4 +1.9
EDFI	Ende, Flores	45.14 273	P	P	16 55 53.5 -0.5
PSA00	Pilbara Seismi	45.05 255	P	P	16 55 56.9 +0.3
PSA00	Pilbara Seismi	45.05 255	Iamb	Iamb	16 55 56.7 +0.1
PSA00	Pilbara Seismi	45.05 255	P	P	16 55 58.1
PSA00	Pilbara Seismi	45.05 255	pP	pP	16 56 23.8 -2.3
PSA00	Pilbara Seismi	45.05 255	PcP	PcP	16 57 33.1 -0.3
MBWA	Marble Bar	45.61 255	P	P	16 55 58.1 +0.6
MBWA	Marble Bar	45.61 255	P	P	16 55 57.7 +0.2
MBWA	Marble Bar	45.61 255	pP	pP	16 56 25.6 -1.3
MBWA	Marble Bar	45.61 255	PcP	PcP	16 57 34.4 +0.5
MBWA	Marble Bar	45.61 255	P	P	16 57 33.8 -0.1
MBWA	Marble Bar	45.61 255	P	P	16 55 57.9 +0.4
MBWA	Marble Bar	45.61 255	pP	pP	16 56 26.3 -0.7
MBWA	Marble Bar	45.61 255	PcP	PcP	16 57 34.1 +0.3
MBWA	Marble Bar	45.61 255	ScP	ScP	17 01 15.4 +0.4
KMSI	Cibinong	45.70 286	P	P	16 55 59.0 +0.7
BASI	Baing, Sumba	45.92 270	P	P	16 56 00.8 +0.8
LULU	Luwuk	46.26 283	P	P	16 56 04.1 +1.4
LULU	Luwuk	46.26 283	P	P	16 56 03.3 +0.7
LULU	Luwuk	46.26 283	P	P	16 56 05.0 -2.2
LULU	Luwuk	46.26 283	P	P	16 56 03.5 +0.8
GTOI	Gorontalo	46.62 286	P	P	16 56 06.8 +1.3
MEEK	Meekatharra	46.79 248	P	P	16 56 07.2 +0.4
DAV	Davao City (W)	46.98 295	LR	LR	17 14 44.7
BKSI	Bulukumba	47.48 277	P	P	16 56 12.3 +0.1
MRSI	Marisa	47.56 285	P	P	16 56 12.3 -0.5
KAPI	Kappang	47.92 277	P	P	16 56 16.5 +0.9
KAPI	Kappang	47.92 277	pmax	pmax	16 56 16.7 +1.1
KAPI	Kappang	47.92 277	P	P	16 56 16.5 +0.1
KLBR	Kellerberrin	48.06 241	P	P	16 56 16.6 +0.1
JCJ	Chichijima	48.60 330	P	P	16 56 20.6 +0.1
JCJ	Chichijima	48.60 330	P	P	16 56 19.9 -0.6
NWAO	Narogin (SRO)	48.70 239	P	P	16 56 21.7 +0.4
NWAO	Narogin (SRO)	48.70 239	P	P	16 56 21.4 0.0
NWAO	Narogin (SRO)	48.70 239	P	P	16 56 20.9 -0.4
NWAO	Narogin (SRO)	48.70 239	LR	LR	17 17 38.1
NWAO	Narogin (SRO)	48.70 239	LR	LR	17 17 38.1
NWAO	Narogin (SRO)	48.70 239	pmax	pmax	16 56 20.9 -0.4
NWAO	Narogin (SRO)	48.70 239	P	P	16 56 21.3 0.0
NWAO	Narogin (SRO)	48.70 239	pP	pP	16 56 50.7 -0.5
BLDU	Ballidu	48.83 242	P	P	16 56 22.2 -0.2
TOL2	Tolitoli	48.87 285	P	P	16 56 23.0 +0.1
TOL2	Tolitoli	48.87 285	P	P	16 56 22.5 -0.4
TOL2	Tolitoli	48.87 285	Iamb	Iamb	16 56 23.3
TOL2	Tolitoli	48.87 285	P	P	16 57 46.0 +0.4
TOL2	Tolitoli	48.87 285	PcP	PcP	16 56 23.1 0.0
PLAI	Plampang	48.90 271	P	P	16 56 23.8 +0.7
PLAI	Plampang	48.90 271	P	P	16 56 23.1 0.0
RKGY	Rocky Gully	49.19 237	P	P	16 56 25.9 +0.9
MORW	Morwa	49.25 245	P	P	16 56 26.1 +0.5
MORW	Morwa	49.25 245	P	P	16 56 25.5 -0.1
MUN	Mundaring	49.42 241	P	P	16 56 27.3 +0.4
MPSI	Mapaga	49.42 284	P	P	16 56 27.3 +0.2
TWSI	Taiwasi Sumb	49.73 271	P	P	16 56 30.0 +0.2
KHU	Kahuku	49.88 48	P	P	16 56 30.6 0.0
KHU	Kahuku	49.88 48	P	P	16 56 30.6 0.0
KHU	Kahuku	49.88 48	pmax	pmax	16 56 30.6 0.0
MLOA	Mauna Loa Obse	50.09 48	P	P	16 56 33.6 +1.1
MLH	Mauna Loa	50.20 48	P	P	16 56 33.3 +0.2
STCH	Steam Cracks	50.32 48	P	P	16 56 34.0 +0.2
HLK	Haleakala	50.46 48	P	P	16 56 35.9 +1.1
GIRL	Giralia	50.69 253	P	P	16 56 38.1 +1.6
GIRL	Giralia	50.69 253	P	P	16 56 37.5 +1.0
GIRL	Giralia	50.69 253	PcP	PcP	16 57 54.4 +2.3
DNP	Denpasar	51.41 271	P	P	16 56 43.0 +0.9
BKB	Balikpapan	51.74 281	P	P	16 56 46.4 +1.9
BKB	Balikpapan	51.74 281	P	P	16 56 47.3 +2.8
JAGI	Jajag, Banyuwya	52.48 271	P	P	16 56 50.1 +0.1
JAGI	Jajag, Banyuwya	52.48 271	Iamb	Iamb	16 56 48.7 -1.3
JAGI	Jajag, Banyuwya	52.48 271	P	P	16 56 50.1
MYDM	Lahad Datu	52.51 289	P	P	16 56 52.1 +1.9
MTKI	Muara Teweih, K	53.74 280	P	P	16 56 59.4 +0.2
JMZ	Minamidaito 2	53.84 319	P	P	16 57 00.5 +0.9
JMZ	Minamidaito 2	53.84 319	P	P	16 57 00.2 +0.5
DRV	Dumont d'Urville	56.41 193	P	P	16 57 04.7 +0.1
DRV	Dumont d'Urville	56.41 193	pP	pP	16 57 34.0 -0.7
DRV	Dumont d'Urville	56.41 193	PcP	PcP	16 58 06.5 +0.4
DRV	Dumont d'Urville	56.41 193	ScP	ScP	17 01 53.6 +1.2
JHU2	Mitsune	54.74 332	LR	LR	16 57 05.0 -0.2
JHU2	Mitsune	54.74 332	LR	LR	17 17 59.5
PWJI	Pagerwojo	54.84 271	P	P	16 57 06.9 -0.3
UGM	Wanagama	56.11 271	P	P	16 57 16.9 +0.6
UGM	Wanagama	56.11 271	P	P	16 57 16.3 0.0
UGM	Wanagama	56.11 271	P	P	16 57 16.8 +0.5
SMRI	Semarang	56.38 272	P	P	16 57 18.2 0.0
SMRI	Semarang	56.38 272	P	P	16 57 19.5 +1.3
JOW	Kunigami	56.44 317	P	P	16 57 19.6 +1.3
JOW	Kunigami	56.44 317	P	P	16 57 19.1 +0.8
JOW	Kunigami	56.44 317	PcP	PcP	16 58 10.4 -3.5
JOW	Kunigami	56.44 317	LR	LR	17 22 17.3
STKI	Sintang	57.30 280	P	P	16 57 26.0 +1.3
SBUM	Sibu	57.36 283	P	P	16 57 25.3 +0.2

SBUM	SBUM	comp=Z,28nm,0.9s	Iamb	Iamb	16 57 27.4
KPJJ	Karang Pucung	57.77 271	P	P	16 57 28.5 +0.5
INU	Inuyama	57.89 331	Iamb	Iamb	16 57 29.8
JGF	Kuroka	57.93 331	P	P	16 57 29.6 +0.9
JGF	Kuroka	57.93 331	Iamb	Iamb	16 57 27.7 -1.0
JGF	Kuroka	57.93 331	Iamb	Iamb	16 57 31.9
JMN	Monobe	58.16 327	P	P	16 57 31.2 +0.9
JMN	Monobe	58.16 327	P	P	16 57 30.6 +0.3
MJAR	Matsushiro Arr	58.32 332	P	P	16 57 30.6 -0.8
MJAR	Matsushiro	58.32 332	P	P	16 58 01.0 -0.4
MJAR	Matsushiro	58.32 332	ScP	ScP	17 02 08.5 -1.0
MJAR	Matsushiro	58.32 332	LR	LR	17 21 31.4
MAJO	Matsushiro	58.32 332	P	P	16 57 31.2 -0.2
MAJO	Matsushiro	58.32 332	Iamb	Iamb	16 57 30.4 -1.0
MAJO	Matsushiro	58.32 332	P	P	16 57 33.1
MAJO	Matsushiro	58.32 332	pmax	pmax	16 57 30.7 -0.6
MAJO	Matsushiro	58.32 332	P	P	16 57 30.8 -0.6
MJBS	Matsu-Tunnel	58.33 332	Iamb	Iamb	16 57 33.1
JMM	Marumori	58.34 335	P	P	16 57 32.9 +1.5
JMM	Marumori	58.34 335	Iamb	Iamb	16 58 40.0
YOJ	Yonguljima	58.55 312	P	P	16 57 33.9 +0.8
BBJ	Bungabunang	58.96 270	P	P	16 57 36.5 0.0
TWG	Pinlang	59.01 309	Iamb	Iamb	16 57 37.8
YULB	Yulu	59.17 310	P	P	16 57 37.7 +0.2
JNU	Nakatsue	59.33 324	P	P	16 57 38.9 +0.5
JNU	Nakatsue	59.33 324	P	P	16 57 38.4 -0.1
JNU	Nakatsue	59.33 324	LR	LR	17 19 03.5
NACB	Ninganchao	59.41 310	P	P	16 57 39.8 +0.7
CNJI	Cibinong	59.52 270	P	P	16 57 39.9 -0.2
TPUB	Ta-pu	59.61 309	P	P	16 57 40.6 0.0
SSLB	Suanglung	59.65 310	P	P	16 57 40.9 +0.1
YHEH	Yeheni	59.86 311	P	P	16 57 43.2 +0.9
YHNB	Yeheng	59.86 311	P	P	16 57 42.1 -0.2
TATO	Taipei	59.96 311	P	P	16 57 42.0 -0.8
CBJI	Citeko	59.99 271	P	P	16 57 42.7 -0.6
DBJI	Drama	60.06 271	P	P	16 57 44.3 +0.5
SKJI	Sukabumi	60.14 271	P	P	16 57 44.3 -0.1
MBWA	Marble Bar	60.27 266	P	P	16 57 46.4 +1.1
MBWA	Marble Bar	60.27 266	P	P	16 57 45.9 +0.6
MBWA	Marble Bar	60.27 266	P	P	16 57 48.9 +0.9
MBWA	Marble Bar	60.27 266	P	P	16 57 47.6 -0.4
MBWA	Marble Bar	60.27 266	P	P	16 57 51.8 +1.6
ERM	Ermo	61.10 340	Iamb	Iamb	16 57 51.2 +0.9
ERM	Ermo	61.10 340	Iamb	Iamb	16 57 51.5
ERM	Ermo	61.10 340	eP	eP	16 57 51.9 +1.7
ERM	Ermo	61.10 340	pmax	pmax	16 57 51.8 +1.6
JEM	Jem	61.10 340	P	P	16 57 51.5 +0.5
JTU	Tsushima	61.19 325	P	P	16 57 57.5 +0.4
OZH	Qunzhou	61.28 309	pP	pP	16 58 26.5 -1.3
OZH	Qunzhou	61.28 309	pP	pP	17 06 08.5 -3.7
OZH	Qunzhou	61.28 309	pmax	pmax	16 57 51.8 +1.6
OZH	Qunzhou	61.28 309	pmax	pmax	16 57 57.5 +0.4
OZH	Qunzhou	61.28 309	P	P	16 58 26.5 -1.3
OZH	Qunzhou	61.28 309	P	P	17 06 08.5 -3.7
KASI	Kota Agung	62.48 272	P	P	16 57 59.1 -1.0
VNDA	Vanda	62.48 181	P	P	16 57 59.3 +0.2
VNDA	Vanda	62.48 181	P	P	16 57 58.9 -0.2
VNDA	Vanda	62.48 181	LR	LR	17 20 30.0
VNDA	Vanda	62.48 181	P	P	16 57 59.1 -1.0
VNDA	Vanda	62.48 181	P	P	16 57 59.3 +0.2
VNDA	Vanda	62.48 181	P	P	16 57 59.3 +0.2
VNDA	Vanda	62.48 181	P	P	16 57 59.5 +0.4
VNDA	Vanda	62.48 181	pP	pP	16 58 31.2 +1.7
VNDA	Vanda	62.76 180	P	P	16 58 02.0 +1.1
VNDA	Vanda	62.76 180	pmax	pmax	16 58 02.1 +1.1
VNDA	Vanda	62.76 180	pmax	pmax	16 58 03.1 -0.8
LWLI	Lilwa	63.03 272	P	P	16 58 03.1 -0.8
KBFA	Kamikawa-asahi	63.16 340	Iamb	Iamb	16 58 07.6
CASY	Casey	63.24 202	P	P	16 58 04.3 +0.1
CASY	Casey	63.24 202	Iamb	Iamb	16 58 05.3
Taejon	Taejon	63.68 325	eP	eP	16 58 09.1 +1.6
HKPS	Hong Kong Po S	64.09 304	P	P	16 58 10.7 +0.2
KSR5	Korea Array	64.15 326	P	P	16 58 10.3 -0.3
KSR5	Korea Array	64.15 326	P	P	16 58 11.7 +0.5
KSR5					

28d 16h

Table with columns for station code, name, elevation, date, time, and various performance metrics. Includes stations like KCSI, KLR, ENH, LYN, HNS, GYA, UNV, BJT, BJI, MSLI, SRDT, TIV, HEH, XAN, SPIA, KMI, CRAI, QSPA, S12K, XLT, CM31, CMAR, CHTO, MA2, MA2, MA2, HHC, PZH, PZH, PZH.

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Table with columns for station code, name, elevation, date, time, and various performance metrics. Includes stations like S14K, CD2, CHGN, HIA, ZEA, BTO, RPN, TNCH, M11K, SII, O14K, O14K, O15K, SEY, LZH, LZH, LZH, LZH, LZH, LZH, LZH, LZH, LZH, M14K, M13K, R18K, Q17K, P16K, OHAK, OHAK, N15K, N15K, N14K, M14K, O16K, P17K, M15K, L14K, L14K, K13K, K13K, O17K, N16K, P18K, GAMB, Q19K, L15K, Q20K, M16K, M16K, M16K, N17K, O18K, J14K, J14K, K15K, K15K, L16K, N18K, M17K, M17K, ILSW, CIT, CIT.

1632

Table with columns for station code, name, elevation, date, time, and various performance metrics. Includes stations like CIT, CIT, CIT, HOM, O20K, N19K, CNPM, CNPM, L17K, MAW, MAW, M18K, BRLL, BRSE, J16K, J16K, K17K, K17K, L18K, ANM, YAK, YAK, YAK, YAK, J17K, M19K, ULN, ULN, N20K, N20K, SPCR, L19K, TNA, SEW, F14K, G15K, O22K, M20K, H16K, SONM, SONM, SONM, BILL, BILL, BILL, BILL, BILL, GTA, GTA, J18K, Q23K, SUA, SUA, P23K, RC01, RC01, F15K, PAF, PAF, PAF, SKT, SKT, G16K, H17K, M22K, K20K, K20K, PMR, J19K, J19K, PPLA, KNK, KNK, G17K, GLI, GLI, GHO, CUT, CUT, FID.

FID	comp=Z,25nm,1.1s	I	Amb	I	Amb	17 01 20.1
H18K	Honhosa River baz=213	84.10	14	P	P	17 00 05.0 -0.9
EYAK	Cordova Ski Ar baz=225	84.18	21	P	P	17 00 05.8 -0.4
HOPS	Hopland Field	84.18	47	P	P	17 00 07.0 +0.2
HOPS	comp=Z,75nm,1.3s Kaya Island baz=226	84.22	22	P	P	17 00 06.0 -0.5
SML	Sawmill	84.22	19	I	Amb	17 00 43.9
SML	comp=Z,25nm,0.9s Sawmill baz=222	84.22	19	P	P	17 00 05.7 -0.8
KMRM	Mali Ridge	84.25	46	P	P	17 00 07.7 +0.4
KMRM	comp=Z,52nm,1.2s Castle Rocks baz=240m,0.7s	84.31	17	I	Amb	17 00 19.3
CAST	Castle Rocks	84.31	17	P	P	17 00 05.8 -1.2
J20K	Novinta River	84.34	16	P	P	17 00 07.6 +0.5
J20K	comp=Z,34nm,1.4s Novinta River baz=217,SNR=19	84.34	16	P	P	17 00 06.6 -0.4
M23K	Glacier View	84.41	20	P	P	17 00 06.6 -0.9
SAO	San Andreas Ge	84.45	50	P	P	17 00 08.8 +0.5
SAO	San Andreas Ge	84.45	50	P	P	17 00 08.8 +0.5
SAO	comp=Z,17nm,1.1s KHHM Horse Mountain	84.51	45	P	P	17 00 09.8 +1.1
KHHM	KHHM	84.51	45	P	P	17 00 11.1
KHHM	comp=Z,18nm,0.7s San Nicolas Is	84.56	54	P	P	17 00 07.0 -1.9
SCNC	Sheep Creek Mo	84.56	20	I	Amb	17 00 58.6
SCM	Sheep Creek Mo	84.56	20	P	P	17 00 07.6 -0.8
F17K	Baldwin Pennin	84.58	12	I	Amb	17 00 49.3
F17K	Baldwin Pennin	84.58	12	P	P	17 00 07.9 -0.2
CHUM	Lake Minchuminn	84.61	17	P	P	17 00 07.8 -0.6
G18K	Tagagawik	84.66	13	P	P	17 00 08.3 -0.3
KRMB	Red Mountain	84.67	45	P	P	17 00 09.9 +0.5
KRMB	comp=Z,52nm,1.5s Kantishna Hill	84.75	17	P	P	17 00 08.1 -1.2
KTH	Kantishna Hill	84.75	17	P	P	17 00 49.4
KBO	Bosley Tote	84.75	44	P	P	17 00 09.7 0.0
KBO	comp=Z,121nm,1.5s Naaghdeneel	84.75	15	I	Amb	17 00 51.2
I20K	Naaghdeneel	84.75	15	P	P	17 00 08.8 -0.3
KLU	Klutina	84.79	21	P	P	17 00 08.9 -0.6
H19K	Roundabout Moun	84.86	14	I	Amb	17 00 50.8
H19K	Roundabout Moun	84.86	14	P	P	17 00 09.4 -0.2
Q02D	Mt. Diablo Mer	84.87	46	P	P	17 00 11.1 +0.7
Q02D	comp=Z,23nm,0.7s Bremer River	84.87	21	P	P	17 00 07.8 -2.0
BMRM	Bremer River	84.87	21	P	P	17 00 09.1 -0.8
BOD	Bodaibo	84.89	334	eP	P	17 00 09.5 -0.4
BOD	comp=Z,28nm,1.3s Susitna Watana	84.91	19	P	P	17 00 09.7 -0.3
WAT1	Susitna Watana	84.98	19	P	P	17 00 10.3 -0.2
WAT6	Susitna Watana	84.98	19	P	P	17 00 10.3 -0.2
E17K	Hotam Inlet	85.02	12	P	P	17 00 10.2 -0.2
F18K	Selawik	85.05	13	P	P	17 00 10.5 0.0
M24K	Tolsona, Glenn	85.14	20	P	P	17 00 11.2 0.0
WAX	Waxell Ridge	85.15	22	I	Amb	17 00 15.9
BPAW	Bear Paw Mtn.	85.15	17	P	P	17 00 10.9 -0.2
H20K	Anotelnaga Mo	85.22	15	P	P	17 00 11.0 -0.5
G19K	Purcell Mounta	85.22	14	P	P	17 00 11.4 -0.1
G19K	comp=Z,53nm,1.1s Purcell Mounta	85.22	14	P	P	17 00 11.3 -0.1
RND	Reindeer	85.25	18	I	Amb	17 00 52.7
CRQM	Cirque	85.25	22	I	Amb	17 00 28.7
CRQE	Cirque	85.26	22	P	P	17 00 11.8 -0.1
MESA	MESA	85.30	23	P	P	17 00 11.4 -0.8
N25K	Chitina, Valde	85.32	21	P	P	17 00 11.6 -0.5
D17K	Noatak River	85.33	11	P	P	17 00 12.2 +0.3
J01E	Myrtle Point	85.36	43	P	P	17 00 13.1 +0.5
GOMU	GeErliu	85.36	309	P	S	17 00 15.8 +2.5
GOMU	comp=Z,19nm,1.0s Lisburne Hills	85.40	10	P	P	17 00 12.5 +0.1
C16K	Lisburne Hills	85.40	10	P	P	17 00 12.7 +0.2
DHY	Denali Highway	85.45	19	P	P	17 00 12.6 -0.3
MCK	McKinley	85.46	18	P	P	17 00 12.4 -0.4
GLB	Galihaina Butte	85.48	21	P	P	17 00 12.7 -0.2
GLB	comp=Z,19nm,1.0s Catalina Islan	85.48	54	P	P	17 00 12.1 -1.5
CIS	Catalina Islan	85.48	54	P	P	17 00 12.1 -1.5
YAH	Yahste	85.50	23	I	Amb	17 00 17.2
E18K	Tukpahlearik C	85.56	12	I	Amb	17 00 54.2
E18K	Tukpahlearik C	85.56	12	P	P	17 00 13.1 0.0
YBH	Yreka Blue Hor	85.57	45	LR	LR	17 30 30.4
F19K	Shalerucik Mo	85.65	13	I	Amb	17 00 50.4
F19K	Shalerucik Mo	85.65	13	P	P	17 00 13.7 +0.2
AFDM	Forest Hills D	85.66	48	P	P	17 00 13.5 -0.7
AFDM	comp=Z,39nm,1.2s Red Dog Mine	85.67	11	I	Amb	17 00 54.7
RDOG	Red Dog Mine	85.67	11	P	P	17 00 13.3 -0.3
OSI	Osito Audit: C	85.68	53	P	P	17 00 12.7 -1.8
HARP	HARP	85.69	20	P	P	17 00 13.6 -0.3
I21K	Tanana	85.71	16	I	Amb	17 00 55.5
I21K	comp=Z,60nm,0.9s Columbia Colle	85.72	49	P	P	17 00 14.2 +0.3
CMB	Columbia Colle	85.72	49	P	P	17 00 14.5 -0.2
CMB	comp=Z,46nm,1.9s Columbia Colle	85.72	49	P	P	17 00 14.5 -0.2
H21K	Melozitna Rive	85.87	15	I	Amb	17 00 56.5
H21K	Melozitna Rive	85.87	15	P	P	17 00 14.5 -0.2

IMAR	baz=218,SNR=13 Indian Mountai	85.89	15	P	P	17 00 14.5 -0.3
LSA	Lhasa	85.91	302	P	P	17 00 17.5 +1.2
LSA	comp=Z,30nm,0.8s Lhasa	85.91	302	P	P	17 00 16.6 +0.3
LSA	comp=Z,27nm,0.7s Lhasa	85.91	302	pP	pP	17 00 46.5 -2.3
LSA	comp=Z,27nm,0.7s Manley	85.93	16	P	P	17 00 14.9 -0.2
MLY	Manley	85.93	16	P	P	17 00 14.9 -0.2
ZAK	Zakamensk	85.96	325	eP	P	17 00 14.9 -0.7
ZAK	comp=Z,41nm,1.1s Delong Mountai	86.00	10	P	P	17 00 15.0 -0.2
C17K	Delong Mountai	86.00	10	P	P	17 00 15.0 -0.2
CTG	Chitna Glacier	86.05	22	P	P	17 00 16.0 +0.2
L04D	Klamath Falls	86.05	44	P	P	17 00 15.9 -0.3
L04D	comp=Z,14nm,0.6s Chitina Glacie	86.05	22	I	Amb	17 00 28.7
CTGM	Chitina Glacie	86.05	22	I	Amb	17 00 28.7
HATC	Hat Creek Radi	86.06	46	P	P	17 00 16.0 -0.3
HATC	comp=Z,144nm,2.0s Sitka	86.06	27	P	P	17 00 15.6 -0.2
SIT	Sitka	86.06	27	P	P	17 00 15.6 -0.2
NEA2	Nenana	86.07	17	P	P	17 00 14.4 -1.3
NEA2	comp=Z,30nm,1.3s Nenana	86.07	17	P	P	17 00 15.3 -0.3
NEA2	comp=Z,22nm,0.9s Logan Glacier	86.08	23	I	Amb	17 00 29.2
LOGN	Logan Glacier	86.08	23	I	Amb	17 00 29.2
S31K	Pelican	86.20	26	P	P	17 00 15.8 -0.6
ISA	Isabella, Lake	86.25	52	P	P	17 00 16.1 -1.3
ISA	Isabella, Lake	86.25	52	P	P	17 00 15.8 -1.6
ISA	Isabella, Lake	86.25	52	P	P	17 00 16.1 -1.3
WRH	Wood River Hill	86.26	18	I	Amb	17 00 57.3
F20K	Avararaat Lake	86.28	14	I	Amb	17 00 57.9
F20K	Avararaat Lake	86.28	14	P	P	17 00 16.5 -0.1
E19K	Redstone River	86.28	13	I	Amb	17 00 58.0
E19K	Redstone River	86.28	13	P	P	17 00 17.1 +0.4
EDW2	Edwards Air Fo	86.34	53	P	P	17 00 16.6 -1.1
IRK	Irkutsk	86.35	327	eP	P	17 00 16.4 -0.9
IRK	comp=Z,28nm,1.3s Mount Upton	86.35	23	P	P	17 00 17.4 0.0
O28M	Mount Upton	86.35	23	P	P	17 00 17.4 0.0
BFSC	Mount Baldy Ra	86.37	53	P	P	17 00 16.5 -1.5
G21K	Allakaket	86.38	15	I	Amb	17 00 17.0 -0.2
G21K	comp=Z,26nm,0.9s Allakaket	86.38	15	P	P	17 00 17.3 +0.2
G21K	comp=Z,201nm,22.0s Minto, Yukon-K	86.40	17	P	P	17 00 17.5 +0.3
I23K	Minto, Yukon-K	86.40	17	P	P	17 00 17.5 +0.3
M26K	Nabesna, AK	86.42	21	P	P	17 00 17.7 +0.2
H22K	Ishatlitna Cre	86.42	16	P	P	17 00 17.4 0.0
CBX	Cerro Bola	86.47	55	I	Amb	17 00 21.1
K24K	Donnelly Dome	86.48	19	P	P	17 00 17.8 0.0
MURC	Murieta	86.50	54	P	P	17 00 17.1 -1.5
C18K	Utukok River	86.51	11	I	Amb	17 00 58.5
C18K	Utukok River	86.51	11	P	P	17 00 18.1 +0.2
MDPB	Devils Postpil	86.53	50	P	P	17 00 18.4 -0.5
MDPB	comp=Z,31nm,0.8s Whale Pass	86.53	29	P	P	17 00 17.9 -0.1
U33K	Whale Pass	86.53	29	P	P	17 00 17.9 -0.1
HDA	Harding Lake	86.56	18	I	Amb	17 00 59.2
HDA	Harding Lake	86.56	18	P	P	17 00 18.2 +0.1
HDM	Murphy Dome	86.58	17	I	Amb	17 00 58.8
P29M	Windy Craggy	86.58	25	P	P	17 00 18.0 -0.4
P29M	Windy Craggy	86.58	25	P	P	17 00 18.2 -0.1
BAR	Barrett	86.59	55	I	Amb	17 00 21.8
WAKR	Walker	86.59	49	I	Amb	17 00 24.1
I04A	Tendick Farm,	86.62	43	P	P	17 00 18.2 -0.8
I04A	comp=Z,51nm,1.8s College	86.63	18	P	P	17 00 17.1 -1.3
COLA	College	86.63	18	P	P	17 00 17.1 -1.3
COLA	comp=Z,121nm,0.3s Killisnoo	86.64	27	P	P	17 00 18.7 +0.1
S32K	Killisnoo	86.64	27	P	P	17 00 18.7 +0.1
O29M	Mount Kennedy	86.67	24	P	P	17 00 18.9 0.0
PNTR	Pine Nut	86.70	48	I	Amb	17 00 24.4
L26K	Log Cabin Wild	86.72	20	P	P	17 00 19.4 +0.5
M27K	Edge Creek, AK	86.78	21	P	P	17 00 19.2 -0.2
LRMC	Laurel Mtn Rad	86.79	52	P	P	17 00 19.5 -0.5
V35K	Ketikan	86.82	30	P	P	17 00 20.0 +0.5
CWC	Cottonwood Cre	86.83	51	P	P	17 00 19.7 -0.5
YUK8	Steele Glacier	86.84	23	P	P	17 00 20.4 +0.6
IL31	IL31	86.84	18	P	P	17 00 16.7 -2.7
IL31	comp=Z,18nm,0.8s Eielson Array	86.84	18	P	P	17 00 17.4 -2.0
ILAR	Eielson Array	86.84	18	P	P	17 00 17.4 -2.0
ILAR	comp=Z,13nm,0.6s braz=239,slow=4.5,SNR=73	86.84	18	P	P	17 00 18.4 -1.0
ILAR	comp=Z,1.0nm,0.5s braz=346,slow=2.1,SNR=12	86.84	18	P	P	17 18 10.8 +1.3
H23K	Yukon River	86.86	16	I	Amb	17 01 01.1
H23K	Yukon River	86.86	16	P	P	

28d 16h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TPNV Topopah Spring, B20K Meade River, S34M Telegraph Cree, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G29M Pine Creek, KNB Kanab, C26K Garden Bay, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ML2.8/16, Error ellipse: s-maj=16.1km s-min=11.1km az=146.0

ISC 28 17:35:24.5-1.2,3531N-0.03:4.14W:0.02,h17km,10km, n109,r1928/177, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like PALE, PALEM, AKLM, GOG, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MORF, MARLE, VILA, SAN PABLO, etc.

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

28d 19h

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

SJA 28 18:29:28.1+1.0, 24.42S:67.08W, h193km, 7km, ML3.5, MW3.7
NEIC 28 18:29:29.5+1.8, 24.37S:0.06E:67.2W:0.2, h192km, 12km, mb4.1/2, ML4.0(GUC), Error ellipse: s-maj=2.1km s-min=9.2km az=95.0

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

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

IDC 28 18:36:44.5+4.3, 38.31N:139.72E, h164km, 28km, mb3.2/6, mbtmp3.6/8, MS4.1/1, Error ellipse: s-maj=68.3km s-min=16.5km az=73.0
JMA 28 18:36:44.9+0.2, 38.33N:0.07E:139.6E:0.8, h154km, 1km, mb2.9/3, NE, MS4.74, PFR1

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

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

NEIC 28 19:02:01.1+1.3, 56.0S:0.1E:27.9W:0.2, h99km, 7km, mb4.9/10, Error ellipse: s-maj=20.1km s-min=14.6km az=220.0
IDC 28 19:30:24.1+6.2, 55.94S:27.84W, h132km, 55km, mb4.3/8, mbtmp4.7/8, MS3.6/1, Error ellipse: s-maj=31.8km s-min=18.2km az=91.0

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

28d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vasula, Virojoki, Fines, etc.

2018 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cheshme Sefid, Lién, Badra, etc.

ICD 28 20:19:03.4-1.2, 40:89S-91:86W, h0km, mb3.7/5, mbmtp3.7/5, MS3.4/6, Error ellipse: s-maj=62.8km s-min=26.6km az=101.0, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Juan Fernandez, H03S2, H03S1, etc.

ICD 28 20:26:22.5-1.4, 32:92'N-46:63'E, h0km, mb3.8/11, mbmtp3.8/11, ML4.0/2, Error ellipse: s-maj=29.4km s-min=20.9km az=9.0

TEH 28 20:26:23.8, 32:91'N-46:57'E, h15km, 30km, ML3.5 ISN 28 20:26:24.0, 32:94'N-46:52'E, h3km, 30km, ML3.5

ISC 28 20:26:24.1-0.6, 32:88'N-0:05-46:60E, 0.04, h13km, n49, c141/53, mb3.8/11, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Badra, Katar-mosallam, Gilan-e-Gharb, etc.

ICD 28 20:36:28.2-1.7, 29:21'S-178:15'W, h0km, mb3.8/4, mbmtp3.8/4, Error ellipse: s-maj=186.9km s-min=34.5km az=38.0, Kermadec Islands

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

ICD 28 20:38:26.8-1.9, 21:30'S-178:82'W, h495km, 20km, mb3.4/12, mbmtp4.3/14, Error ellipse: s-maj=16.0km s-min=14.4km az=104.0

NEIC 28 20:38:29.2-1.8, 21:45'0.1-178:8W-0.1, h520km, 7km, mb4.3/50, Error ellipse: s-maj=18.9km s-min=14.8km az=139.0

ISC 28 20:38:27.5-0.4, 21:34'S-0:07-178:87'W-0:07, h500km, mb3.4/168/103, mb4.2/43, 5C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nonsavu, Raoul Island, Niue, etc.

Table with columns: TX31, TXAR, M27K, ALPN, MLY, HDA, CCB, IMAR, ILAR, F19K, HHC, HHC, M29M, J26L, E19K, PD31, PDAR, PZH, BVAR, ACES, FINES, AKASG, AKKB, KIEV, EKA, BR131, BRTR, BUR08, BUR09, MMAI, CLL, KHC, GERES, PDG, TORD, TORD. Each row contains station name, frequency, power, and other technical details.

28d 21h

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

Table with columns: Efpalio, P, Pn, S, AML. Lists stations like Efpalio, Paravola, ANX, EVGI, STIP, DRME, PDG, HCY, TREB, BRY, SJEI, UPM, STON, RUDO, BBLs, HAPS, TEKS, SRKY, MGRS, A050A, BLY, A051A, BOJS, CREY, CEK, OBKA, GERES, AKASG, ESDC, HFS, FINES, EKA, NB2, NOA, KIRV, TORD, KURBS, MKAR, ZALV, SONM, YAK.

NEIC 28-20:58:04.1±1.3, 6.53S:0.09±1.55;45E:0.08, h53km, 5km, mb4.5/44, Error ellipse: s-maj=14.6km s-min=10.2km az=216.0

ATH 28-20:59:21.7, 36.66N-21.40E, h9km, 1km, ML3.0/6, Error ellipse: s-maj=3.3km s-min=2.72km az=32.0

THE 28-20:59:21.6, 36.68N-21.37E, h3km, 2km, ML3.0/3, Error ellipse: s-maj=2.6km s-min=1.0km az=42.0

ISC 28-20:59:20.1, 8.36E:0.07±21.31E:0.05, h15km, 9km, n31, ±1959/43, mb3.8/5, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like RABL, HNR, PMG, PMG, COEN, LIFNC, DZM, DZM, FAKI, ARMA, WRO, WRB, WRA, AS31, ASAR, H1S3, H1S2, H1S1, KNRA, STKA, FITZ, BBOD, FORT, TOLIZ, THZ, GWZ, PETK, CMAR, VAND, K13K, M16K, K15K, J16K, J17K, VABM, Y17K.

Table with columns: L18K, G16K, G18K, H19K, E19K, IMAR, F20K, D19K, D19K, G21K, C19K, C19K, ILAR, ILAR, J25K, J25K, MKAR, GSPA, GSPA, J26L, BMAR, I28M, M30M, J30M, J30M, I30M, I30M, EPYK, EPYK, H31M, H31M, G31M, G31M, YKA, TORD, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Granite Mounta, Koyuk River, Tagagawik, Roundabout Mou, Redstone River, Indian Mountain, Avaraat Lake, Kana Lake, Allakaket, Lookout Ridge, Eielson Array, Eielson Array, Salcha River, Salcha River, Makanchi Array, Makanchi Array, South Pole Qui, South Pole Qui, Joseph Creek, Burnt Mountain, Miner Creek, Minto, Yukon, Hart River, Mount Dempster, Eagle Plains, Peel River, Satah River, Yellowknife Arr, Torodi Arr, Hagtors, Error ellipse: s-maj=71.7km s-min=33.4km az=4.0, ATH 28-20:59:21.7, 36.66N-21.40E, h9km, 1km, ML3.0/6, Error ellipse: s-maj=3.3km s-min=2.72km az=32.0, THE 28-20:59:21.6, 36.68N-21.37E, h3km, 2km, ML3.0/3, Error ellipse: s-maj=2.6km s-min=1.0km az=42.0, ISC 28-20:59:20.1, 8.36E:0.07±21.31E:0.05, h15km, 9km, n31, ±1959/43, mb3.8/5, Southern Greece, RABL, HNR, PMG, PMG, COEN, LIFNC, DZM, DZM, FAKI, ARMA, WRO, WRB, WRA, AS31, ASAR, H1S3, H1S2, H1S1, KNRA, STKA, FITZ, BBOD, FORT, TOLIZ, THZ, GWZ, PETK, CMAR, VAND, K13K, M16K, K15K, J16K, J17K, VABM, Y17K.

28 21h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Matias Romero, JTS, TEIG, TXAR, TXAR, ATAH, TKL, PDAR, LPAZ, LPAZ, SADO, YKA, ILAR, NOA.

IDC 28 21:25:48.3.1.8,573S:14653E,h0km,mb3.3/2, mbmp3.4/4,ML2.8/2,Error ellipse: s-maj=68.5km s-min=29.8km az=111.0,Error ellipse: s-maj=68.5km s-min=29.8km az=111.0,Eastern New Guinea region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Port Moresby, WRA, ASAR, ILAR, TORD.

KRNET 28 21:47:59.6:4.1,39.45N:73.17E,h16km,mb2.6 NNC 28 21:48:00.5:5.4,39.28N:73.24E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=54.3km s-min=30.9km az=142.0 IDC 28 21:48:00.1:1.4,39.39N:0.073.21E,0.05,h10km,n14, e23132,18C-8D,Tajikistan-Khujing border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, DRK, ARSB, ARSB, BTK, GAR, GAR, ARLS, ARLS, TRKS, TRKS, NRN, NRN, UCH, UCH, MNAS, MNAS, AAK, AAK, ULHL, ULHL, TKM2, TKM2, KK31, KK31.

NNC 28 21:51:50.6:4.1,37.23N:71.02E,h0km,mb3.8,mpv3.4, 3C-30,Error ellipse: s-maj=80.5km s-min=29.0km az=137.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Karatay Array, AAK, ULHL, TKM2, KK31.

SJA 28 21:58:59.2:0.7,31.17S:71.55W,h25km,3km,ML4.3, MW4.2 GUC 28 21:59:01.5:0.9,31.16S:71.29W,h53km,2km,ML4.4 IDC 28 21:59:02.6:0.6,31.18S:71.16W,h54km,4km,mb3.8/7, mbtmp4.0/11,MS3.5/1,Error ellipse: s-maj=22.3km s-min=14.0km az=106.0 NEIC 28 21:59:03.2:2.1,31.16S:0.04:71.41W:0.04,h35km,2km, mb4.0/6,Mw4.4(GUC),Error ellipse: s-maj=6.3km s-min=5.5km az=14.0

ISC 28 21:59:02.5:0.5,31.15S:0.02:71.34W:0.03,h49km,3km, n136,e2817/175,mb4.2/9,Near coast of central Chile

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

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Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Fray Jorge, Fray Jorge, El Pedregal, El Pedregal, Tololo Observa, Tololo Observa, La Serena, La Paz, Curacav, Curacav, El Roble, El Roble, Leoncito, Leoncito, Rodeo, Rodeo, Torpederas, Torpederas, Torpederas, Torpederas, Reserva Natura, Reserva Natura, Cerro Coronel, Cerro Coronel, Peidehue, Peidehue, Peidehue, Peidehue, Curacav, Curacav, Cuesta del Vie, Cuesta del Vie, Las Campanas, Las Campanas, Las Campanas, Las Campanas, Hacienda Santa, Hacienda Santa, Renca, Renca, Renca, Renca, Zonda, Zonda, Zonda, Zonda, Cerro Caljn, Cerro Caljn, Farellones, Farellones, CCHEN, CCHEN, CCHEN, CCHEN, Universidad Ad, Universidad Ad, Universidad Ad, Universidad Ad, El Transito, El Transito, El Transito, El Transito, Cerro Valdivia, Cerro Valdivia, Santo Domingo, Santo Domingo, Bocatoma Ro, Bocatoma Ro, Bocatoma Ro, Bocatoma Ro, Talagante, Talagante, Talagante, Talagante, Pirque, Pirque, Popeta, Popeta, Popeta, Popeta, San Alfonso, San Alfonso, San Alfonso, San Alfonso, Las Melosas, Las Melosas, Las Melosas, Las Melosas, La Punta, La Punta, Llanos de Chal, Llanos de Chal, Llanos de Chal, Llanos de Chal.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Tunca, Tunca, Valle Fertil, Valle Fertil, Vinchina, Vinchina, Sierra Bellavi, Sierra Bellavi, Copiap, Copiap, Copiap, Copiap, Huala, Huala, ACHE, ACHE, CERRO LA CRUZ, CERRO LA CRUZ, Panamivida, Panamivida, Punta Hualpin, Punta Hualpin, Mina Guanaco, Mina Guanaco, IPOC Station P, IPOC Station P, Juan Fernandez, Juan Fernandez, Juan Fernandez, Juan Fernandez, Juan Fernandez, Juan Fernandez, IPOC Station P, IPOC Station P, Paso Flores, Paso Flores, Torquist, Torquist, Villa Florida, Villa Florida, CPUP, CPUP, La Paz, La Paz, Pedras Altas, Pedras Altas, Concordia, Concordia, San Ignacio, San Ignacio, Extrema, Extrema, Valinhos, Valinhos, Brasilia, Brasilia, Brasilia, Brasilia, Sanae, Sanae, Sanae, Sanae, South Pole Qui, South Pole Qui, QSPA, QSPA, Vanda, Vanda, Lajitas Array, Lajitas Array, Karatay Array, Karatay Array, Dimbokro, Dimbokro, Torodi Arr, Torodi Arr, Torodi Arr, Torodi Arr, Alice Springs, Alice Springs, WAKE ISLAND Hyt26.38 271 T, WAKE ISLAND Hyt26.38 271 T, WAKE ISLAND Hyt26.38 271 T, WAKE ISLAND Hyt26.72 272 T, WAKE ISLAND Hyt26.72 272 T, Borovoye Array, Borovoye Array, Kurchatov Arra, Kurchatov Arra, Zalesovo Beam, Zalesovo Beam, ZALV, ZALV, Kashi, Kashi, Makanchi Array, Makanchi Array, PanZhihua, PanZhihua.

OSPL 28 21:59:05.5:2.6,18.53N:68.95W,h118km,16km,ML2.6 SDD 28 21:59:06.8:1.6,18.57N:68.97W,h107km,7km,MD3.4, ML2.8,MW3.1,7C-6D,Monapa Station

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

IDC 28 22:15:27.9.1.0, 4:36N-96:22E, h0km, mb3.7/8, mtimp3.7/9, MS3.4/7, Error ellipse: s-maj=39.2km s-min=18.5km az=58.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S1, HHC, H08S1, etc.

IDC 28 22:29:15.1.0.9, 26:71Sx114:30W, h0km, mb3.7/6, mtimp3.7/6, MS3.5/15, Error ellipse: s-maj=87.0km s-min=28.9km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPN, H03N2, H03N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBO9, H08S1, H08S2, etc.

28d 23h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like IPMB Ipaneri, GO, RCLB Rio Claro-Sao, VAO Valinhos, etc.

28d 22:39:39.8, 4.4, 6.90S, 151.74E, h0km, mb3.2/2, m-btmp3.3/2, Error ellipse: s-maj=196.9km s-min=54.3km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar, Bea.

28d 22:51:12.4, 4.1, 6.80S, 130.04E, h110km, mb4.0/16, m-btmp4.4/18, MS2.8/1, Error ellipse: s-maj=27.3km s-min=11.4km az=74.0

DJA 28d 22:51:14.4, 0.4, 7.3S, 3*13.0E, h194km, 12km, M4.9/13, mb5.2/6, mb4.8/10, MLV5.2/13, MKP3E.0/7, h144km, 1km, mb4.6/45, Error ellipse: s-maj=9.4km s-min=8.2km az=88.0

NEIC 28d 22:51:16.6, 0.3, 6.80S, 0.04, 130.04E, 0.05, h150km, n133, r126.150, mb4.4/40, 1.1D, Banda Sea

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Lists numerous stations including SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki, etc.

2015 JUN

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Lists numerous stations including INKA Innaminka, MQLG Mulgathing, ULFP Ulfie, etc.

1644

Main table with columns: Code, Station Name, Az, El, P, Time, Res. Lists numerous stations including TORD Torodi Ar, Bea, CPUB Villa Florida, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Riviere de l'E, Ghor Haditha, Sonseca Array.

GCMT 28.23:35.24.7.0.3, 2.65N:0.02:128.46E:0.03, h223km, 3km, MW5.1/79, Moment Tensor Solution. s29.c33; s79.c98; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.45t:1.8; Mbb-3.66t:2.1; Mw-2.87t:1.5; Mbb-3.45t:1.5; Mw-0.63t:1.7; Best double couple: Ms5.53200:1016 NP1=295.00000, s78.00000, r35.00000; NP2=...

ICD 28.23:35.26.7.0.5, 2.48N:128.52E, h223km, 4km, mb4.5/12, mbmp5.1/31, Error ellipse: s-maj=12.1km s-min=7.1km az=77.0

DJA 28.23:35.27.6.0.2, 3.12N:121.9E, h223km, 2km, M5.0/73, mb5.5/36, mb5.2/73, MLV5.7/16, Mw(mb)5.0/36, Mw(mwp)4.7/3, Mw(mps)3.0/36

NEIC 28.23:35.27.7.1.2, 2.48N:0.07:128.52E:0.08, h225km, 5km, mb4.8/226, Error ellipse: s-maj=12.1km s-min=9.3km az=77.0

ISC 28.23:35.27.1.0.3, 2.50N:0.03:128.49E:0.05, h226km, 2km, h226km:pp-P, m80, aOff9/696, mb4.8/166, 3C, 6D, Halmahera

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including TMTI, SWI, SANI, DAV, GTOI, NLAJ, FAKI, LUWI, MRSI, BNDI, TOLJ, KMPI, MPSI, BBSI, MYLDM, SAUJ, KAPI, BKB, MMRI, GENI, SOEI, EDFY, JAYJ, BATI, MTKI, TABU, BASI, DRJ, MTN, PLAI, KDU, TWSI, MWPI, SBUM, SZP, STKI, JAGI, BLJI, GRJI, GUMO, FITZ, YOGI, TWG, COEN, YULB, DLV.

Main station list table with columns: DLV, T, Lat, 21.93 296, P, P, 23 40 02.7 -0.2, 23 40 06.2, 23 40 02.4 -1.2, 23 40 02.5 -1.2, 23 40 06.0 -0.8, 23 40 06.0 -0.8, 23 40 09.2, 23 40 07.5 0.0, 23 40 07.3 -1.0, 23 40 12.1, 23 40 13.2 +2.3, 23 40 12.4 +1.5, 23 40 10.0 -1.3, 23 40 12.0 -0.6, 23 40 11.8 -0.9, 23 40 14.4, 23 40 12.0 -0.6, 23 47 10.2 -1.4, 23 40 12.0 -0.7, 23 40 12.8 0.0, 23 40 13.3 +0.1, 23 40 13.3 +0.1, 23 40 12.7 -0.6, 23 40 16.1 +0.8, 23 40 17.2 +1.5, 23 40 15.5 -1.1, 23 40 18.8 +1.8, 23 40 20.8 +0.6, 23 40 21.6 +0.9, 23 40 24.0, 23 40 24.2 +1.1, 23 40 23.4 +0.2, 23 40 25.3 +0.0, 23 41 09.3 +0.5, 23 40 33.8 +3.2, 23 40 39.7 +1.5, 23 40 30.1 -0.7, 23 40 30.3 -0.5, 23 40 32.8, 23 40 34.1 +1.1, 23 40 33.5 -0.4, 23 40 33.2 -0.7, 23 40 33.5 -0.4, 23 40 36.2 -1.3, 23 40 36.8 -0.6, 23 40 41.2 +1.6, 23 40 40.8 +1.2, 23 40 44.1 -0.2, 23 40 44.2 -0.1, 23 40 42.9 -0.9, 23 40 43.9 -0.5, 23 44 03.0 0.0, 23 47 20.2 -1.3, 23 40 43.7 -0.7, 23 40 50.9 -0.9, 23 40 52.8 -0.2, 23 40 54.5, 23 40 54.2 -0.8, 23 40 57.5 +0.9, 23 40 58.4, 23 40 58.3 -0.2, 23 41 00.3 +0.8, 23 41 01.2 +0.1, 23 41 01.1 0.0, 23 41 06.2, 23 41 03.6 +1.0, 23 41 19.5 +1.7, 23 41 18.3 -1.1, 23 41 19.5 -0.2, 23 41 19.7 +0.1, 23 41 20.1, 23 41 23.8 +2.3, 23 41 22.3 -0.5, 23 41 23.0 -0.2, 23 41 23.6 +0.4, 23 41 25.3 +2.2, 23 41 28.2 +1.7, 23 41 28.5 +0.7, 23 41 28.9, 23 41 34.2 +2.2, 23 41 34.8 +0.2, 23 41 38.1 +0.2, 23 41 37.3 -0.9, 23 41 42.2 +1.3, 23 41 41.1 +0.2, 23 41 43.0, 23 41 41.8 +0.5, 23 41 42.5 +1.1, 23 41 41.6 +0.3, 23 42 26.4 -0.1, 23 47 42.5 0.0, 23 41 41.0 -0.3, 23 41 41.5 -0.4, 23 41 41.4 -0.4, 23 41 47.3 +0.7, 23 41 45.3 -0.1, 23 41 48.0 +2.3, 23 41 45.4 -0.7, 23 41 45.5 -0.7, 23 41 45.8, 23 41 46.6 +0.2, 23 41 46.8 +0.2, 23 41 46.3 -0.1, 23 41 47.7 +0.5, 23 41 47.8 +0.6, 23 41 48.0 -0.2, 23 41 49.4 +0.2, 23 41 50.9, 23 41 50.1 -0.1, 23 41 51.1 -0.9, 23 41 57.0 -0.7, 23 41 56.9 +0.5, 23 47 49.0 +0.7, 23 41 55.7 -0.8, 23 41 57.6 +0.2, 23 41 57.6

Main station list table with columns: MAJO, Matushiro, 35.04 14 P P, 23 41 57.5 -1.1, 23 41 57.7 -0.9, 23 41 58.2 -0.4, 23 41 57.3 -1.3, 23 41 57.7 -0.9, 23 42 00.5 +1.6, 23 41 57.7 -0.9, 23 42 01.0 +1.0, 23 42 00.0 -1.0, 23 42 00.0 -1.0, 23 42 00.5, 23 42 00.9 -0.8, 23 42 04.7 -0.7, 23 42 05.5 0.0, 23 42 08.2 -0.4, 23 42 09.5 +0.1, 23 42 52.0 -3.6, 23 43 17.3 -4.1, 23 47 32.3 -1.0, 23 42 09.8 0.0, 23 42 09.5 -0.5, 23 42 09.8 -0.2, 23 42 10.6, 23 42 09.7 -0.3, 23 42 09.5 -0.5, 23 43 08.6 +0.6, 23 47 53.6 -0.7, 23 42 13.4 -0.2, 23 42 13.4 -0.2, 23 42 14.1, 23 42 13.3 -0.3, 23 42 15.0 +0.2, 23 42 14.8 0.0, 23 42 15.8 +0.6, 23 43 04.5 +3.5, 23 42 16.1 +0.3, 23 42 19.8 -0.4, 23 42 28.2 +0.8, 23 43 31.8 -1.9, 23 42 31.9 +0.3, 23 42 31.9 +0.3, 23 42 31.9 +0.3, 23 42 31.7 -0.6, 23 43 17.0 +0.2, 23 43 18.5 +0.2, 23 43 42.0 -1.8, 23 42 36.2 +0.1, 23 42 36.4 +0.3, 23 42 37.3, 23 42 38.8 +0.8, 23 42 46.0 +2.0, 23 43 30.3 -0.8, 23 43 51.5 -5.2, 23 42 48.7 +0.5, 23 42 49.4 +0.2, 23 42 50.5 +1.2, 23 43 36.3 0.0, 23 42 53.0 +0.9, 23 42 54.2, 23 42 54.0 +0.6, 23 42 54.7, 23 42 56.5 +0.7, 23 42 56.7 +0.9, 23 42 56.9 +0.1, 23 42 58.1, 23 42 57.1 +0.2, 23 42 50.0 +0.6, 23 42 58.0 -0.1, 23 43 00.6 +1.7, 23 43 00.0 +0.9, 23 43 02.0 +0.2, 23 42 14.8 -1.3, 23 43 04.5 +1.1, 23 43 04.1 +0.6, 23 43 04.5 -0.3, 23 43 07.0 +0.4, 23 43 08.2, 23 43 22.0 +1.2, 23 44 07.0 -1.7, 23 43 40.0 -1.1, 23 44 32.3 -1.5, 23 43 50.0 +0.1, 23 43 51.6, 23 43 50.5 +0.6, 23 43 51.5 +0.2, 23 45 03.5 -1.6, 23 48 44.5 -0.6, 23 44 19.8 -0.1, 23 44 22.3, 23 44 34.5 +1.1, 23 45 24.3 +1.6, 23 44 43.1

F24K	Squaw Lake	66.98	23	P	P	00 53 09.9 -0.7
JM1C	Jan Mayen	66.99	341	LR	LR	01 26 22.0
L20K	Farewell AK	67.00	30	P	P	00 53 10.3 -0.6
CHUM	Lake Minchumin	67.03	28	P	P	00 53 10.7 -0.2
M19K	Big River Lodg	67.03	30	P	P	00 53 10.5 -0.6
MLY	Manley	67.12	26	P	I	00 53 12.1 +0.5
MLY	Manley	67.12	26	P	I	00 53 10.9 -0.8
GERES	GERESS Array B	67.16	314	P	P	00 53 11.3 -0.8
GERES	GERESS Array B	67.16	314	P	P	00 53 09.3 -2.9
GERES	GERESS Array B	67.16	314	P	P	01 24 15.6
GERES	GERESS Array B	67.16	314	P	P	00 53 11.4 -0.8
SOKA	Soboth	67.18	312	eP	P	00 53 12.1 -0.2
H23K	Yukon River	67.20	25	P	I	00 53 13.0 +1.0
H23K	Yukon River	67.20	25	P	I	00 53 11.8 -0.3
MOA	Mollin	67.20	313	eP	P	00 53 13.3 +0.9
C27K	Jago River	67.26	21	P	P	00 53 11.9 -0.4
P17K	Kvichak River	67.26	33	P	P	00 53 12.1 -0.4
CAST	Castle Rocks	67.33	28	P	P	00 53 12.4 -0.5
Q16K	King Salmon	67.38	34	P	P	00 53 13.0 -0.2
BPAW	Bear Paw Mtn.	67.45	27	P	I	00 53 14.7 +1.0
BPAW	Bear Paw Mtn.	67.45	27	P	I	00 53 13.0 -0.7
E25K	Arctic Village	67.45	22	P	P	00 53 13.0 -0.6
N19K	Bonanza Creek	67.46	31	P	P	00 53 13.1 -0.8
CHNA	Chernabura Isl	67.50	39	P	P	00 53 12.8 -1.2
G24K	Hadweenic Riv	67.52	24	P	P	00 53 13.7 -0.4
PPLA	Purkeypile	67.52	29	P	P	00 53 13.4 -0.9
O18K	Koktuh Hills	67.55	33	P	P	00 53 14.0 -0.4
M20K	Styx River	67.58	30	P	P	00 53 14.2 -0.3
I23K	Minto, Yukon-K	67.59	26	P	I	00 53 14.3 -0.2
I23K	Minto, Yukon-K	67.59	26	P	I	00 53 13.8 -0.6
F25K	Christian River	67.70	23	P	P	00 53 15.1 -0.1
KTH	Kantishna Hill	67.73	28	P	I	00 53 15.5 0.0
P18K	Big Mountain,	67.74	33	P	P	00 53 15.5 -0.1
H24K	Noodor Dome	67.80	25	P	I	00 53 16.7 +0.8
H24K	Noodor Dome	67.80	25	P	I	00 53 15.1 -0.8
Q17K	Contact Creek	67.92	34	P	P	00 53 16.1 -0.7
NEA2	Nenana	67.96	27	P	I	00 53 17.0 +0.2
NEA2	Nenana	67.96	27	P	I	00 53 16.2 -0.7
G25K	Bearskin Lake	67.96	24	P	P	00 53 16.4 -0.4
MDM	Murphy Dome	68.10	26	P	P	00 53 18.4 +0.7
BMAR	Burnt Mountain	68.13	23	P	P	00 53 18.9 +1.0
F26K	Sheenjek River	68.14	23	P	P	00 53 17.3 -0.6
COLA	College	68.28	26	P	P	00 53 19.1 +0.3
COLA	College	68.28	26	P	P	00 53 19.1 +0.3
N20K	Mount Spurr	68.28	31	P	P	00 53 18.2 -0.8
D27M	Malcolm River	68.29	20	P	P	00 53 18.5 -0.4
H25L	Birch Creek	68.31	24	P	P	00 53 18.2 -0.8
POKR	Poker Plat Res	68.32	26	P	P	00 53 19.9 +0.9
POKR	Poker Plat Res	68.32	26	P	P	00 53 18.3 -0.8
LESA	Schwarzleotal	68.36	313	eP	P	00 53 19.3 -0.4
MCK	McKinley	68.43	27	P	P	00 53 19.3 -0.5
P19K	Oil Pt	68.54	32	P	P	00 53 19.6 -1.0
O20K	Slope Mountain	68.62	32	P	P	00 53 20.2 -0.9
G26K	Porcupine River	68.65	23	P	P	00 53 20.3 -0.8
Q19K	Cape Douglas,	68.68	33	P	P	00 53 20.8 -0.6
E27K	Coleen River	68.68	22	P	I	00 53 22.3 +1.0
E27K	Coleen River	68.68	22	P	I	00 53 22.1 +0.1
IL31	IL31	68.69	26	P	I	00 53 22.4 +1.1
IL31	IL31	68.69	26	P	I	00 53 22.4 +1.1
ILAR	Eielson Array	68.69	26	P	P	00 53 21.7 +0.3
ILAR	Eielson Array	68.69	26	P	P	00 53 18.7 -2.7
ILAR	Eielson Array	68.69	26	P	P	00 53 21.7 +0.3
SUA	Susitna One	68.78	30	P	P	00 53 21.3 -0.8
PRP	Porcupine Dome	68.80	25	P	P	00 53 22.3 0.0
PRP	Porcupine Dome	68.80	25	P	P	00 53 21.6 -0.6
HDA	Harding Lake	68.85	26	P	P	00 53 22.1 -0.4
R18K	Karluk	68.92	35	P	P	00 53 21.8 -1.1
CAPN	Captain Cook N	68.94	31	P	P	00 53 22.2 -0.8
WAT1	Susitna Watana	69.02	28	P	P	00 53 22.8 -0.8
WTTA	Wattenberg	69.07	313	eP	P	00 53 24.6 +0.3
WATA	Walderalm	69.07	313	eP	P	00 53 23.9 -0.4
E28M	Babbage River	69.08	21	P	P	00 53 24.2 +0.4
E28M	Babbage River	69.08	21	P	P	00 53 23.4 -0.4
CHIR	Chirikof Island	69.12	37	P	P	00 53 23.3 -0.9
HOM	Homer	69.25	32	P	P	00 53 24.0 -0.9
J25K	Salcha River,	69.33	26	P	P	00 53 24.5 -1.0
SQTA	Sankt Quirin	69.35	313	eP	P	00 53 27.7 +1.7
MOTA	Moosalm	69.36	314	eP	P	00 53 25.5 -0.5
DHY	Denali Highway	69.36	28	P	I	00 53 26.6 +0.8
DHY	Denali Highway	69.36	28	P	I	00 53 30.5
RDY	Denali Highway	69.36	28	P	P	00 53 25.1 -0.7
CH01	Rabbit Creek A	69.39	30	P	P	00 53 25.0 -0.8
Q20K	Shuyak Island	69.41	33	P	P	00 53 25.3 -0.6
G27K	Doyon Strip	69.43	23	P	P	00 53 26.8 +0.8
G27K	Doyon Strip	69.43	23	P	P	00 53 31.1 +0.3

G27K	comp=Z,5.7nm,0.9s	69.43	23	P	P	00 53 32.0
G27K	Doyon Strip	69.43	23	P	P	00 53 25.2 -0.9
WAT6	Susitna Watana	69.47	28	P	P	00 53 25.6 -0.9
SII	Sitkinak Islan	69.50	35	P	P	00 53 26.1 -0.5
RETA	Reutte	69.51	314	eP	P	00 53 28.7 +1.8
BRLL	Bradley Lake	69.54	32	P	P	00 53 28.7 +2.0
F28M	Old Crow	69.55	22	P	I	00 53 27.5 +0.8
F28M	Bradley Lake S	69.61	32	P	I	00 53 26.3 -0.4
F28M	Old Crow	69.55	22	P	P	00 53 26.3 -0.4
K24K	Donnelly Dome	69.61	26	P	P	00 53 26.3 -0.9
BRSE	Bradley Lake S	69.61	32	P	P	00 53 26.6 -0.6
SML	Sawmill	69.62	29	P	P	00 53 27.5 +0.2
SML	Sawmill	69.62	29	P	P	00 53 26.5 -0.8
OHAL	Old Harbor	69.63	35	P	P	00 53 26.6 -0.8
E29M	Blow River	69.69	21	P	I	00 53 27.3 -0.3
E29M	Blow River	69.69	21	P	I	00 53 33.5
E29M	Blow River	69.69	21	P	P	00 53 26.7 -0.8
O22K	Cooper Landing	69.70	31	P	P	00 53 26.8 -0.9
I26K	Coal Creek Min	69.76	24	P	P	00 53 28.2 +0.2
I26K	Coal Creek Min	69.76	24	P	I	00 53 33.9
I26K	Coal Creek Min	69.76	24	P	P	00 53 27.4 -0.6
KNK	Knik Glacier	69.77	29	P	P	00 53 27.3 -0.9
H27K	Steamboat Moun	69.80	23	P	P	00 53 27.7 -0.7
M23K	Glacier View	69.88	29	P	P	00 53 28.1 -0.7
SCM	Sheep Creek Mo	70.02	29	P	P	00 53 29.0 -0.8
J26L	Joseph Creek	70.05	25	P	I	00 53 29.7 -0.2
J26L	Joseph Creek	70.05	25	P	P	00 53 35.2
J26L	Joseph Creek	70.05	25	P	P	00 53 28.9 -1.1
I27K	Katik River	70.12	24	P	P	00 53 29.4 -0.9
PAX	Paxson	70.16	27	P	P	00 53 29.4 -1.3
SCRK	Sand Creek	70.18	26	P	I	00 53 30.1 -0.7
SCRK	Sand Creek	70.18	26	P	I	00 53 35.6
SCRK	Sand Creek	70.18	26	P	P	00 53 29.6 -1.2
M24K	Tolsona, Glenn	70.24	28	P	P	00 53 32.9 +1.2
M24K	Tolsona, Glenn	70.24	28	P	P	00 53 31.0 -0.7
DAVOX	Davos/Dischmat	70.36	313	LR	LR	01 26 22.1
A36M	Sachs Harbour	70.53	15	P	I	00 53 34.6 +2.0
A36M	Sachs Harbour	70.53	15	P	I	00 53 38.1
A36M	Sachs Harbour	70.53	15	P	P	00 53 32.7 +0.1
G29M	Pine Creek	70.54	22	I	pP	00 53 37.9 +1.6
G29M	Pine Creek	70.54	22	I	I	00 53 38.4
G29M	Pine Creek	70.54	22	P	P	00 53 32.2 -0.6
H29P	HAARP	70.59	28	P	P	00 53 32.4 -0.8
GLI	Glacier Island	70.61	30	P	P	00 53 32.7 -0.6
EGAK	Eagle	70.76	24	P	P	00 53 33.5 -0.6
KLU	Klutina	70.77	29	P	P	00 53 35.0 +0.6
KLU	Klutina	70.77	29	P	P	00 53 33.5 -0.8
I28M	Miner Creek	70.79	24	P	I	00 53 35.2 +0.7
I28M	Miner Creek	70.79	24	P	I	00 53 40.1
I28M	Miner Creek	70.79	24	P	P	00 53 34.0 -0.4
F30M	Barrier River	70.80	21	P	P	00 53 33.9 -0.5
H29M	Whitestone	70.85	22	P	P	00 53 37.4 +2.7
H29M	Whitestone	70.85	22	P	P	00 53 34.1 -0.6
K27K	Chicken	70.86	25	I	sP	00 53 39.9 +0.3
K27K	Chicken	70.86	25	I	I	00 53 40.6
K27K	Chicken	70.86	25	P	P	00 53 34.4 -0.4
L26K	Log Cabin Wild	70.95	27	P	P	00 53 35.2 -0.2
INK	Inuvik	71.01	20	P	I	00 53 35.5 -0.1
INK	Inuvik	71.01	20	P	I	00 53 41.0
INK	Inuvik	71.01	20	P	P	00 53 35.3 -0.3
INK	Inuvik	71.01	20	LR	LR	01 29 14.5
INK	Inuvik	71.01	20	P	P	00 53 35.5 -0.1
G30M	Aoah Zrail Nji	71.06	21	P	P	00 53 36.0 0.0
G30M	Aoah Zrail Nji	71.06	21	P	P	00 53 35.1 -0.9
N25K	Chitina, Valde	71.24	28	P	I	00 53 39.1 +1.9
N25K	Chitina, Valde	71.24	28	P	I	00 53 43.3
N25K	Chitina, Valde	71.24	28	P	P	00 53 36.9 -0.4
EPYK	Eagle Plains	71.29	22	P	P	00 53 36.9 -0.5
EPYK	Eagle Plains	71.29	22	P	P	00 53 36.9 -0.5
EYAK	Cordova Ski Ar	71.35	29	P	P	00 53 37.1 -0.7
I29M	Ogilvie Camp,	71.39	23	P	P	00 53 37.0 -1.0
M26K	Nabesna, AK	71.43	27	P	I	00 53 39.0 +0.6
M26K	Nabesna, AK	71.43	27	P	I	00 53 44.4
M26K	Nabesna, AK	71.43	27	P	P	00 53 37.8 -0.6
L27K	Beaver Creek,	71.50	26	P	I	00 53 39.7 +0.9
L27K	Beaver Creek,	71.50	26	P	I	00 53 44.8
L27K	Beaver Creek,	71.50	26	P	P	00 53 38.1 -0.6
BCAR	Beaver Creek	71.51	26	pP	sP	00 53 44.7 +1.1
F31M	Tsigehtochic	71.51	20	I	I	00 53 39.7 +1.0
F31M	Tsigehtochic	71.51	20	I	I	00 53 43.8
BMRM	Bremner River	71.59	29	P	P	00 53 39.0 -0.4
G31M	Satah River	71.69	21	P	I	00 53 39.5 -0.2
G31M	Satah River	71.69	21	P	I	00 53 45.0
G31M	Satah River	71.69	21	P	P	00 53 38.9 -0.8
DAWY	Dawson	71.80	25	P	I	00 53 42.3 +1.8
DAWY	Dawson	71.80	25	P	I	00 53 45.6
M27K	Edge Creek, AK	71.89	27	pP	pP	00 53 46.7 +2.0
M27K	Edge Creek, AK	71.89	27	P	I	00 53 48.0
M27K	Edge Creek, AK	71.89	27	P	P	00 53 40.5 -0.7
VRDI	Verde Repeater	71.91	28	P	pP	00 53 42.2 +0.8
VRDI	Verde Repeater	71.91	28	P	sP	00 53 47.0 +0.8
VRDI	Verde Repeater	71.91	28	P	I	00 53 47.6
MCARA	McCarthy VSAT	72.00	28	P	P	00 53 42.6 +0.9
MCARA	McCarthy VSAT	72.00	28	P	P	00 53 41.0 -0.7
I30M	Mount Dempster	72.11	23	I	pP	00 53 46.8 +0.8
I30M	Mount Dempster	72.11	23	I	I	00 53 47.4
I30M	Mount Dempster	72.11	23	P	P	00 53 41.6 -0.9

KAIM	Kayak Island	72.25	30	P	P	00 53 42.3 -0.8
CRQE	Cirque					

29d 1h

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Table with columns: UREC, San Jos de Ur, 2.54 291, P, Pn, 00 52 44.0 -2.5, etc.

Table with columns: NCT, North Crescent, 1.86 355, Pn, 01 00 36.5 +0.4, etc.

Table with columns: L20K, Farewell, AK, 3.82 351, Pn, 01 01 03.5 +0.8, etc.

IDC 29 01:00:05.1_1.9, 58:76N, 153:21W, h61km, 27km, mb3.5/9, m1mp3.9/13, ML4, 0.4, MS3, 3.1, Error ellipse: s-maj=34.9km s-min=19.0km az=111.0

NEIC 29 01:00:06.9_1.2, 58:73N, 0:03:152:70W, 0.0, h72km, 6km, Error ellipse: s-maj=5.5km s-min=4.7km az=128.0

AEIC 29 01:00:07.7_1.1, 58:72N, 0:03:152:69W, 0.0, h60km, 3km, ML3.7, mb4.04(NEIC), ML3.8/142(NEIC), Error ellipse: s-maj=4.8km s-min=4.6km az=126.0

ISC 29 01:00:06.3_0.7, 58:72N, 0:04:152:63W, 0.0, h74km, 6km, n467, o0994/465, mb3.9/11, Kodiak Island region

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table for station data, columns: NCT, North Crescent, 1.86 355, Pn, 01 00 36.5 +0.4, etc.

Main table for station data, columns: L20K, Farewell, AK, 3.82 351, Pn, 01 01 03.5 +0.8, etc.

VRDI	Verde Repeater	5.25	57	Pn	Pn	01 01 22.6 +0.3
VRDI	comp=N,42nm,0.6s				IAML	01 02 22.6
WAX	Waxell Ridge	5.26	67	Pn	Pn	01 01 23.1 +0.8
WACK	Wrangell Chich	5.26	48	Pn	Pn	01 01 23.2 +0.7
WASW	Wrangell South	5.29	49	Pn	Pn	01 01 23.5 +0.6
L15K	Ungalak Mounta	5.32	308	P	Pn	01 01 23.5 +0.4
L15K	Ungalak Mounta	5.32	308	P	Pn	01 01 23.6 +0.6
MCK	McKinley	5.34	18	Pn	Pn	01 01 24.0 +0.7
MCK	McKinley	5.34	18	P	Pn	01 01 24.0 +0.7
TGL	Tana Glacier	5.36	63	Pn	Pn	01 01 24.3 +0.7
TGL	comp=N,53nm,0.4s				IAML	01 02 29.1
BARK	Barkley Ridge	5.42	66	Pn	Pn	01 01 25.5 +1.0
BPBW	Bear Paw Mtn.	5.46	8	Pn	Pn	01 01 25.3 +0.3
BPBW	Bear Paw Mtn.	5.46	8	P	Pn	01 01 25.3 +0.3
CHNA	Chernabura Isl	5.46	227	Pn	Pn	01 01 24.5 -0.5
CNBA	Chernabura Isl	5.47	227	Pn	Pn	01 01 24.3 -0.8
J19K	Poomran	5.49	346	Pn	Pn	01 01 25.7 +0.4
J19K	Poomran	5.49	346	Pn	Pn	01 01 25.6 +0.4
MCARA	McCarthy VSAT	5.50	57	Pn	Pn	01 01 26.1 +0.5
MCARA	McCarthy VSAT	5.50	57	P	Pn	01 01 26.0 +0.5
PAX	Paxson	5.51	36	Pn	Pn	01 01 26.1 +0.3
PAX	Paxson	5.51	36	P	Pn	01 01 26.1 +0.3
J20K	Nowinta River	5.53	353	Pn	Pn	01 01 26.7 +0.8
J20K	Nowinta River	5.53	353	Pn	Pn	01 01 26.3 +0.5
ISLE	Juniper Island	5.55	66	Pn	Pn	01 01 27.1 +0.8
KIAG	Kiagna River	5.63	63	Pn	Pn	01 01 27.8 +0.4
MESA	MESA	5.64	70	Pn	Pn	01 01 29.0 +1.4
MESA	MESA	5.64	70	P	Pn	01 01 29.0 +1.4
J17K	VABM Dome	5.64	329	Pn	Pn	01 01 27.6 +0.3
J17K	VABM Dome	5.64	329	P	Pn	01 01 27.4 +0.0
K15K	Wolf Creek Mou	5.67	313	Pn	Pn	01 01 28.5 +0.7
K15K	Wolf Creek Mou	5.67	313	P	Pn	01 01 28.5 +0.7
PTPK	Patty Peak	5.67	60	Pn	Pn	01 01 28.6 +0.6
BALM	Baldy	5.68	61	Pn	Pn	01 01 28.4 +0.5
L14K	Kuka Creek	5.69	302	Pn	Pn	01 01 29.1 +1.1
L14K	Kuka Creek	5.69	302	P	Pn	01 01 28.8 +0.8
YAH	Yahste	5.78	69	Pn	Pn	01 01 31.1 +1.6
GRNC	Granite Creek	5.86	65	Pn	Pn	01 01 31.3 +0.7
S12K	Black Hills	5.95	244	Pn	Pn	01 01 32.5 +0.9
S12K	Black Hills	5.95	244	P	Pn	01 01 32.2 +0.6
J16K	Anvik River	6.00	323	Pn	Pn	01 01 32.4 +0.1
J16K	Anvik River	6.00	323	P	Pn	01 01 32.4 +0.1
M26K	Nabesna, AK	6.01	48	Pn	Pn	01 01 33.8 +1.2
MENT	Mentasta	6.07	42	Pn	Pn	01 01 32.8 -0.5
K24K	Donnelly Dome	6.08	30	Pn	Pn	01 01 35.3 +2.0
K24K	Donnelly Dome	6.08	30	P	Pn	01 01 35.3 +2.0
CTG	Chitna Glacier	6.12	64	Pn	Pn	01 01 34.7 +0.7
CTGM	Chitna Glacier	6.12	64	Pn	Pn	01 01 34.7 +0.6
NEA2	Nenana	6.13	15	Pn	Pn	01 01 34.0 -0.1
NEA2	Nenana	6.13	15	P	Pn	01 01 34.2 -0.0
I20K	Naaghedeneel	6.16	353	Pn	Pn	01 01 35.1 +0.6
I20K	Naaghedeneel	6.16	353	P	Pn	01 01 34.8 +0.4
WRH	Wood River Hill	6.17	19	Pn	Pn	01 01 34.7 +0.2
SAMH	Samovar Hills	6.21	72	Pn	Pn	01 01 36.8 +1.5
LOGN	Logan Glacier	6.24	65	Pn	Pn	01 01 36.0 +0.3
H26K	Log Cabin Wild	6.26	42	Pn	Pn	01 01 37.9 +2.0
HDA	Harding Lake	6.32	23	Pn	Pn	01 01 37.1 +0.5
CCB	Clear Creek Bu	6.38	19	Pn	Pn	01 01 37.2 -0.2
MLY	Manley	6.40	7	Pn	Pn	01 01 38.2 +0.5
MLY	Manley	6.40	7	P	Pn	01 01 38.3 +0.5
M27K	Edge Creek, AK	6.44	51	Pn	Pn	01 01 39.2 +0.8
M27K	Edge Creek, AK	6.44	51	P	Pn	01 01 39.2 +0.8
PCKA	Pinnacle	6.47	72	Pn	Pn	01 01 39.9 +1.1
PINM	Pinnacle	6.47	72	P	Pn	01 01 39.8 +1.1
I17K	Unalakleet	6.48	327	Pn	Pn	01 01 39.4 +0.7
I17K	Unalakleet	6.48	327	P	Pn	01 01 39.2 +0.5
I28K	Tanana	6.49	2	Pn	Pn	01 01 39.8 +0.8
COLA	College	6.58	18	Pn	Pn	01 01 40.7 +0.6
COLA	College	6.58	18	P	Pn	01 01 40.4 +0.2
MDM	Murphy Dome	6.61	16	Pn	Pn	01 01 42.4 +1.4
O28M	Mount Upton	6.61	67	Pn	Pn	01 01 42.4 +1.4
O28M	Mount Upton	6.61	67	P	Pn	01 01 42.4 +1.4
YUK2	White River	6.62	57	Pn	Pn	01 01 42.1 +1.2
I23K	Minto, Yukon-K	6.63	12	Pn	Pn	01 01 41.5 +0.6
I23K	Minto, Yukon-K	6.63	12	P	Pn	01 01 41.4 +0.5
IL31	Minto, Yukon-K	6.66	22	Pn	Pn	01 01 41.6 +0.4
ILAR	Eielson Array	6.66	22	Pn	Pn	01 01 40.9 -0.3
ILAR	Eielson Array	6.66	22	P	Pn	01 01 41.0 -0.2
ILAR	comp=N,1.9nm,0.3s,baz=206,slo=14,SNR=64				S	01 02 49.6 -5.9
J14K	Nanvaranak Lak	6.71	312	Pn	Pn	01 01 42.4 +0.5
J14K	Nanvaranak Lak	6.71	312	P	Pn	01 01 41.9 0.0
SCRK	Sand Creek	6.71	35	Pn	Pn	01 01 42.3 +0.1
SCRK	Sand Creek	6.71	35	P	Pn	01 01 42.5 +0.4
BCPM	Bancas Point	6.76	74	Pn	Pn	01 01 43.5 +0.8
K13K	Kusivak Mount	6.79	303	Pn	Pn	01 01 43.7 +0.7
K13K	Kusivak Mount	6.79	303	P	Pn	01 01 43.4 +0.4
YUK3	Moose Creek	6.79	58	Pn	Pn	01 01 44.4 +1.1
YUK3	Moose Creek	6.79	58	P	Pn	01 01 44.4 +1.1
L27K	Beaver Creek	6.83	46	Pn	Pn	01 01 44.8 +1.1
L27K	Beaver Creek	6.83	46	P	Pn	01 01 44.8 +1.1
J25K	Salcha River	6.85	27	Pn	Pn	01 01 44.2 +0.3
J25K	Salcha River	6.85	27	P	Pn	01 01 43.8 -0.1
BCAR	Beaver Creek A	6.85	46	Pn	Pn	01 01 45.0 +0.9
PNL	Peninsula	6.86	76	Pn	Pn	01 01 44.9 +0.7
PNL	Peninsula	6.86	76	P	Pn	01 01 44.9 +0.7
PNL	Peninsula	6.86	76	P	Pn	01 01 44.9 +0.7
POKR	Poker Plat Res	6.87	19	Pn	Pn	01 01 43.4 -0.8
POKR	Poker Plat Res	6.87	19	P	Pn	01 01 43.4 -0.8
H20K	Anotleneega Mo	6.88	352	Pn	Pn	01 01 44.4 +0.1
H20K	Anotleneega Mo	6.88	352	P	Pn	01 01 44.4 +0.1
YUK8	Steele Glacier	6.94	63	Pn	Pn	01 01 47.4 +2.0
YUK8	Steele Glacier	6.94	63	P	Pn	01 01 47.4 +2.0
H21K	Melozitna Rive	6.97	359	Pn	Pn	01 01 46.2 +0.7
H21K	Melozitna Rive	6.97	359	P	Pn	01 01 45.9 +0.4
H18K	Honhosa River	7.00	340	Pn	Pn	01 01 46.2 +0.3
H18K	Honhosa River	7.00	340	P	Pn	01 01 46.0 +0.1
H19K	Roundabout Mou	7.07	347	Pn	Pn	01 01 47.0 +0.2
H19K	Roundabout Mou	7.07	347	P	Pn	01 01 47.0 +0.2
H17K	Granite Mounta	7.13	334	Pn	Pn	01 01 48.0 +0.4
H17K	Granite Mounta	7.13	334	P	Pn	01 01 47.8 +0.2
H22K	Ishlitalina Cre	7.23	4	Pn	Pn	01 01 49.9 +0.8
H22K	Ishlitalina Cre	7.23	4	P	Pn	01 01 49.9 +0.8
J26L	Joseph Creek	7.23	33	Pn	Pn	01 01 49.5 +0.3
J26L	Joseph Creek	7.23	33	P	Pn	01 01 50.0 +0.8
H23K	Yukon River	7.28	10	Pn	Pn	01 01 50.2 +0.5
H23K	Yukon River	7.28	10	P	Pn	01 01 50.2 +0.5
IMAR	Indian Mountai	7.31	356	Pn	Pn	01 01 50.4 +0.2

O29M	Mount Kennedy	7.32	71	Pn	Pn	01 01 52.3 +1.8
O29M	Mount Kennedy	7.32	71	P	Pn	01 01 52.2 +1.7
K27K	Chicken	7.35	39	Pn	Pn	01 01 52.1 +1.5
K27K	Chicken	7.35	39	P	Pn	01 01 51.8 +1.2
H24K	Noodor Dome	7.48	15	Pn	Pn	01 01 52.7 +0.2
H24K	Noodor Dome	7.48	15	P	Pn	01 01 53.3 +0.8
YUK4	Talbot Arm	7.48	63	Pn	Pn	01 01 54.6 +1.9
H16K	Elim	7.49	327	Pn	Pn	01 01 53.2 +0.6
H16K	Elim	7.49	327	P	Pn	01 01 53.2 +0.6
YUK6	Outpost Mounta	7.53	67	Pn	Pn	01 01 54.7 +1.4
YUK6	Outpost Mounta	7.53	67	P	Pn	01 01 54.7 +1.4
YUK7	Dusty Glacier	7.57	70	Pn	Pn	01 01 55.4 +1.5
PRP	Porcupine Dome	7.59	23	Pn	Pn	01 01 53.8 -0.3
PRP	Porcupine Dome	7.59	23	P	Pn	01 01 53.7 -0.3
P29M	Windy Craggy	7.71	77	Pn	Pn	01 01 56.5 +0.8
P29M	Windy Craggy	7.71	77	P	Pn	01 01 56.5 +0.8
G18K	Tagagawik	7.73	341	Pn	Pn	01 01 55.3 -0.5
G18K	Tagagawik	7.73	341	P	Pn	01 01 55.3 -0.5
G19K	Purcell Mounta	7.73	346	Pn	Pn	01 01 56.0 +0.1
G19K	Purcell Mounta	7.73	346	P	Pn	01 01 56.0 +0.1
G17K	Kiwaliik Mounta	7.77	334	Pn	Pn	01 01 56.4 0.0
G17K	Kiwaliik Mounta	7.77	334	P	Pn	01 01 56.4 0.0
G21K	Allakaket	7.84	357	Pn	Pn	01 01 57.9 +0.5
G21K	Allakaket	7.84	357	P	Pn	01 01 57.9 +0.5
M29M	Somme Creek	7.91	56	Pn	Pn	01 01 59.5 +1.1
M29M	Somme Creek	7.91	56	P	Pn	01 01 59.3 +0.8
HYT	Haines Junctio	7.92	68	Pn	Pn	01 01 59.6 +1.0
HYT	Haines Junctio	7.92	68	P	Pn	01 01 59.6 +1.0
I26K	Coal Creek Min	7.96	30	Pn	Pn	01 01 59.3 +0.2
I26K	Coal Creek Min	7.96	30	P	Pn	01 01 59.8 +0.7
G16K	Koyuk River	8.10	330	Pn	Pn	01 02 01.0 +0.1
G16K	Koyuk River	8.10	330	P	Pn	01 02 00.3 -0.6
G23K	Ganza Creek	8.11	7	Pn	Pn	01 02 00.7 -0.4
EGAK	Eagle	8.15	37	Pn	Pn	01 02 02.5 +1.0
N30M	Aishikik Lake	8.23	64	Pn	Pn	01 02 03.6 +0.8
N30M	Aishikik Lake	8.23	64	P	Pn	01 02 03.6 +0.8
DAWY	Dawson	8.30	44	Pn	Pn	01 02 05.4 +1.7
L29M	L29M	8.31	52	Pn	Pn	01 02 04.9 +1.0
L29M	L29M	8.31	52	P	Pn	01 02 04.8 +0.9
PLBC	Pleasant Camp	8.41	78	Pn	Pn	01 02 06.6 +1.4
PLBC	Pleasant Camp	8.41	78	P	Pn	01 02 06.8 +1.7
F19K	Shalercuk Mo	8.48	346	Pn	Pn	01 02 07.5 +1.4
F19K	Shalercuk Mo	8.48	346	P	Pn	01 02 07.4 +1.4
F20K	Avaraart Lake	8.48	352	Pn	Pn	01 02 06.5 +0.4
F20K	Avaraart Lake	8.48	352	P	Pn	01 02 06.5 +0.4
F21K	Alatna River	8.55	358	Pn	Pn	01 02 07.2 +0.2
F21K	Alatna River	8.55	358	P	Pn	01 02 07.3 +0.2
FYU	Fort Yukon	8.57	20	Pn	Pn	01 02 08.2 +0.9
O30N	Mendenhall	8.60	69	Pn	Pn	01 02 08.3 +0.5
O30N	Mendenhall	8.60	69	P	Pn	01 02 08.3 +0.5
I27K	Kandik River	8.61	32	Pn	Pn	01 02 08.3 +0.3
I27K	Kandik River	8.61	32	P	Pn	01 02 08.2 +0.3
S31K	Pelican	8.66	88	Pn	Pn	01 02 08.3 -0.3
S31K	Pelican	8.66	88	P	Pn	01 02 08.3 -0.3
M30M	Minto, Yukon	8.68	57	Pn	Pn	01 02 09.6 +0.7
F17K	Baldwin Pennin	8.70	337	Pn	Pn	01 02 09.7 +0.6
F17K	Baldwin Pennin	8.70	337	P	Pn	01 02 08.8 -0.3
N31M	Braeburn, Yuko	8.86	65	Pn	Pn	01 02 11.9 +0.6
K29M	Barlow Dome	8.89	48	Pn	Pn	01 02 13.4 +1.5
J29N	Klondike Camp	8.94	44	Pn	Pn	01 02 14.5 +2.0
F15K	North Star Dit	8.97	326	Pn	Pn	01 02 13.1 +0.3
F15K	North Star Dit	8.97	326	P	Pn	01 02 13.1 +0.3
I28M	Miner Creek	8.98	36	Pn	Pn	01 02 13.9 +0.8
I28M	Miner Creek					

29d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details. Includes stations like MOPA, MUSN, MOPU, etc.

Code Station Name Az AzZ Phase ID Time Res
VNA1 Neumayer-Stat 14.32 157 P Pn 01 21 34.5 -0.7
VNA3 Neumayer Olymp 14.53 160 P Pn 01 21 36.4 -1.6
VNA2 Neumayer-Watz 14.72 157 P Pn 01 21 38.9 -1.6

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SNAA, TROLL, QSPA, etc.

IDC 29 01:32:25.0,3,8, 0:11S:99:33E, h0km, mb3.6/5,
mbmp3.6/5, Error ellipse: s-maj=162.0km s-min=24.3km
az=57.0
DJA 29 01:32:27.8,0,5, 0:5S:3:9'E, h11km,6km, M3.6/7,
MLV3.6/7
ISC 29 01:32:29.7,0,9,0:43S:0:06,98.75E,0:07,h53km,n21,
e091/16,mb3.8/5,Southern Sumatara

IDC 29 01:36:33.2,3,9,5, 14:85S:167:39E, h99km,31km, mb4.0/17,
mbmp4.3/18,MS3.0/2, Error ellipse: s-maj=21.8km
s-min=15.8km az=89.0
NOU 29 01:36:34.0, 14:58S:167:54E, h123km,ML5.0/13,
Vanuatu Islands
NEIC 29 01:36:37.3,1.6, 14:9S:0:1:167:4E,0:2,h126km,7km,
mb4.5/45, Error ellipse: s-maj=21.5km s-min=14.6km
az=92.0
ISC 29 01:36:37.0,0,5, 14:87S:0:06:167:40E,0:10,h129km,n94,
e120/95,mb4.5/42, 14:1D, Vanuatu Islands

DVP Devils Point 2.94 165 P Pn 01 37 24.6 +1.8
LIFNC LIFOU 5.88 181 P Pn 01 38 02.2 +0.3
LIFNC LIFOU 5.88 181 Pn 01 38 02.2 -1.7
KOUNC Koumac, New Ca 6.39 207 P Pn 01 38 08.9 +0.2
MARNC Mare, Loyalty 6.61 175 P Pn 01 38 11.9 +0.2
YATNC Marnie plateau, 7.17 184 P Pn 01 38 11.9 +0.2
DZM Mont Dzumac 7.22 187 P Pn 01 38 20.6 +0.5
DZM Mont Dzumac 7.22 187 P Pn 01 38 19.8 -0.2
DZM Mont Dzumac 7.22 187 P Pn 01 38 17.2 -2.9

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

IDC 29 01:55:23.0,2,0,5, 5:91S:143:01'E, h0km, mb5.0/20,
mbmp5.0/23,ML2.6/1,MS4.1/31, Error ellipse:
s-maj=23.0km s-min=11.9km az=83.0
MOS 29 01:55:28.0,0,9, 5:85S:142:87'E, h12km, mb5.4/41,
MS4.4/4, Error ellipse: s-maj=10.6km s-min=5.2km
az=116.2

BUI 29 01:55:28.9,0,0, 5:94S:143:24'E, h52km, mb5.1/75,
mb5.2/40,MS4.5/31,MS7.4/37
DJA 29 01:55:28.6,0,2,6, 5:2S:14:3'E, h10km,MS,0,3/1,
mb5.0/31,mb5.4/21,MLV5.8/6,Mw(MB)E.8/21,
Mw(Mw)P.8/1,MwP.5/1
NEIC 29 01:55:28.2,1.6, 5:96S:0:07:142:74E,0:07,h19km,3km,
mb5.4/234, Error ellipse: s-maj=10.7km s-min=9.6km
az=93.0
GCMT 29 01:55:30.2,0,2,6:07S:0:01:142:69E,0:02,h29km,
MW5.0/99,Moment Tensor Solution, s62:c77, s9:c139;
Duration: 0 Moment tensor: Mscale:1016Nm; Mw:3.4;20;
Mw:3.9;13; Mw:0.3;9; Ms:1.73;17; Mw:1.36;0;
Mw:0.81;22; Best double couple: M4.77400x10^16
NP1:~1.11,0.00000,0.857,0.00000,0.93,0.00000. NP2:
0.286,0.00000,0.833,0.00000,0.86,0.00000. Principal axes: T
4.7430,Plg7.8,0.00000, Azm31.00000, N 0.0560,Plg2.00000,
Azm290.00000, P -4.8050,Plg12.00000, Azm199.00000;

Code Station Name Az AzZ Phase ID Time Res
MJB9 Matsun-Tunnel 58.09 332 P P 01 46 15.8 -1.2
MJB9 Matsun-Tunnel 58.09 332 P P 01 46 20.6
MJB9 Matsun-Tunnel 58.09 332 P P 01 46 33.6 +0.1
VNA2 Neumayer-Watz 14.72 157 P Pn 01 21 38.9 -1.6

1655

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like TABU, MMPI, JAY, etc.

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Table with columns: QIZ, MJAR, MAJO, etc., and various data points for stations like Matusushiro, Matsu-Tunnel, etc.

29d 1h

Table with columns: BJT, BJI, BJI, etc., and various data points for stations like Beijing, Yuzh-Sakhalins, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like CAST Castle Rocks, RC01 Rabbit Creek A, C19K Lookout Ridge, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like D23K Nanushuk River, GLB Gilahina Butte, VRDI Veni Reporter, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like M30M Minto, Yukon, H29M Whitestone, H29M Whitestone, SKAG Skagway, etc.

29d 3h

Table with columns: Station Name, Time, Res, P, S, Op, ISC, h, m, s, Res, ISC. Includes stations like PAX, HAG, S12K, RND, M27K, etc.

Table with columns: Station Name, Time, Res, P, S, Op, ISC, h, m, s, Res, ISC. Includes stations like TOLK, D23K, G31M, E28M, etc.

Table with columns: Station Name, Time, Res, P, S, Op, ISC, h, m, s, Res, ISC. Includes stations like ROSC, SJCC, OCAC, etc.

Table with columns: VSHL, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Vashlovani, Gunib, Ganja, Arakani, Khunzakh, Buynaksk, etc.

Table with columns: LACR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Lac, Lesken, Lesken, Gudaure, Naichik, etc.

Table with columns: LABN, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Labinsk, Gofitskoeye, Dork Agr/Tutak/Do, etc.

IDC 29 05:29:16.5:7.7, 14.27S, 166.77E, h213km, 8.4km, mb3.6/4, mbtmp4.1/5, Error ellipse: s-maj=74.4km s-min=52.6km az=134.0, Vanuatu Islands

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

Table with columns: STDR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Stavd-Durt, Kuba-Taba, Kars, etc.

Table with columns: ARKR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Arakani, Varto-Mus, Yedi Yedisu-Bingol, etc.

IDC 29 05:30:52.0:4.5, 42.33N, 42.55E, h0km, mb3.9/19, mbtmp4.0/25, ML4.1/5, MS3.0/4, Error ellipse: s-maj=8.2km s-min=7.6km az=158.0

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

Table with columns: SENK, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Senkaya-Erzuru, Eak, Eak, etc.

Table with columns: DIKM, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Dikmen, Sudu, Sudu, etc.

CFUSG 29 05:30:55.0:42.26N, 42.36E, h6km, mb3.6/6, Georgia Magtpey MSH 3.5 from 6 stations

NNC 29 05:31:12.8:3.0, 42.30N, 46.07E, h0km, mb4.1, Error ellipse: s-maj=65.4km s-min=17.4km az=2.0

ISC 29 05:30:53.2:0.7, 42.26N, 0.01, 42.68E, 0.01, h9km, 4km, n526, r18/647, mb4.0/47, MS2.9/3, 39C-9D, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TKB, ABS, ONI, ALIG, EPOS, DIGR, BATM, AKH, BRNG, ERNG, AHAN, BCA, DBOC, HOPA, TRLG, DOMR, DAGI, KORR, LACR.

Table with columns: ERZM, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Erzurum, Guzerip', Tassburun-IGDIR, etc.

Table with columns: SEV, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Sevastopol', Taru, Vrh, Vord, Vsr, etc.

29d 5h

Table with columns for station name, coordinates, elevation, and other data. Includes stations like TPGR Topolog, TLBR Topalu, CFR Carcaliu, etc.

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Table with columns for station name, coordinates, elevation, and other data. Includes stations like BVAR Borovoye Array, BVAR Topalu, BVAR Borovoye Array, etc.

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Table with columns for station name, coordinates, elevation, and other data. Includes stations like D22K Ayikyak River, D17K Noatak River, D23K Nanuuk River, etc.

I29M	Ogilvie Camp, baz=355	72.72	0	P	P	05 42 21.3	+0.1
I30M	Mount Dempster, baz=359,SNR=7.4	72.86	360	P	IAMB	05 42 22.1	0.0
I30M	Mount Dempster, comp=Z,4.8nm,0.8s, baz=0.7,SNR=9.0	72.86	360	P	P	05 42 21.8	-0.3
COLA	College, baz=352	72.89	5	P	P	05 42 22.4	+0.3
ILAR	Eielson Array, comp=Z,0.3nm,0.6s, baz=9.8,slow=6.3,SNR=5.5	73.05	4	P	P	05 42 23.2	+0.2
J20K	Novinta River, baz=352	73.08	8	P	IAMB	05 42 23.7	+0.5
J20K	Novinta River, comp=Z,5.8nm,0.8s, baz=347,SNR=9.6	73.08	8	P	P	05 42 23.6	+0.3
NEA2	Nenana, baz=351	73.09	5	P	P	05 42 23.9	+0.6
J19K	Poorman, baz=346,SNR=8.2	73.11	8	P	P	05 42 24.0	+0.6
J16K	Anvik River, baz=342	73.18	11	P	P	05 42 24.1	+0.3
J14K	Nanvaranak Lak, baz=340	73.25	12	P	P	05 42 24.5	+0.2
EGAK	Eagle, baz=357	73.26	2	P	P	05 42 24.6	+0.3
J17K	VABM Dome, baz=343	73.27	10	P	P	05 42 24.6	+0.2
J25K	Salcha River, baz=354	73.28	4	P	P	05 42 24.6	0.0
HDA	Harding Lake, baz=352,SNR=5.6	73.41	4	P	P	05 42 24.9	-0.3
BPAW	Bear Paw Mtn, baz=349	73.44	6	P	P	05 42 25.5	+0.1
J26L	Joseph Creek, baz=355,SNR=5.7	73.47	3	P	P	05 42 25.7	0.0
J18K	Innoko River, baz=345,SNR=5.3	73.50	9	P	P	05 42 26.1	+0.4
J30M	Hart River, baz=0.7,SNR=5.5	73.51	360	P	P	05 42 26.2	+0.3
CHUM	Lake Minchumin, baz=348	73.54	7	P	P	05 42 26.2	+0.2
K13K	Kusilvak Mount, baz=339	73.84	13	P	P	05 42 27.8	+0.1
K20K	Telida, baz=347,SNR=5.1	73.89	8	P	P	05 42 28.4	+0.3
MCK	McKinley, baz=351	73.95	5	P	P	05 42 28.5	0.0
SCRK	Sand Creek, baz=355	73.98	3	P	P	05 42 28.9	+0.2
K15K	Wolf Creek Mou, baz=342	73.99	12	P	P	05 42 29.2	+0.5
K27K	Chicken, baz=356	73.99	2	P	P	05 42 29.0	+0.4
DAWY	Dawson, baz=358,SNR=6.6	74.01	1	P	P	05 42 29.0	+0.1
YKA	Yellowknife Ar, comp=Z,0.9nm,1.0s, baz=12.0,slow=6.4,SNR=4.3	74.01	349	P	P	05 42 28.7	-0.1
CAST	Castle Rocks, baz=349,SNR=13	74.02	7	P	P	05 42 28.9	0.0
K17K	Iditarod, baz=344	74.03	10	P	P	05 42 29.0	+0.2
K24K	Donnelly Dome, baz=353,SNR=5.1	74.07	4	P	P	05 42 29.2	+0.1
K29M	Barlow Dome, baz=360,SNR=7.0	74.25	0	P	P	05 42 30.7	+0.4
PPLA	Purkeypille, baz=348	74.52	7	P	P	05 42 32.2	+0.3
L15K	Ungalak Mounta, baz=342	74.58	12	P	P	05 42 32.6	+0.5
L17K	Donlin, baz=344	74.59	10	P	P	05 42 32.6	+0.5
DHY	Denali Highway, baz=352	74.71	5	P	P	05 42 33.0	0.0
L18K	Granite Mounta, baz=345	74.71	9	P	P	05 42 33.0	+0.2
L14K	Kuka Creek, baz=341	74.72	12	P	P	05 42 33.2	+0.3
L20K	Farewell, AK, baz=347,SNR=6.8	74.77	8	P	P	05 42 33.5	+0.3
L16K	Owhat River, baz=345	74.84	11	P	P	05 42 34.0	+0.4
WAT1	Susitna Watana, baz=351	74.88	5	P	P	05 42 33.8	-0.1
PAX	Paxson, baz=354	74.92	4	P	P	05 42 34.6	+0.5
L19K	White Mountain, baz=347	74.95	8	P	P	05 42 34.5	+0.2
L26K	Log Cabin Wild, baz=355	74.95	3	P	P	05 42 34.6	+0.3
L27K	Beaver Creek, baz=356	74.97	2	P	P	05 42 35.0	+0.6
L29M	L29M, baz=359	74.98	0	P	P	05 42 34.9	+0.5
WAT6	Susitna Watana, baz=352	75.18	5	P	P	05 42 35.8	+0.1
M19K	Big River Lodg, baz=347	75.28	8	P	P	05 42 36.7	+0.6
M14K	Bethel, baz=341	75.39	12	P	P	05 42 37.2	+0.4
M17K	Holitna River, baz=345,SNR=6.2	75.41	10	P	P	05 42 37.6	+0.7
M17K	Holitna River, baz=345,SNR=6.2	75.41	10	P	P	05 42 37.8	+0.9
M20K	Styx River, baz=349	75.43	8	P	P	05 42 37.3	+0.1
SKT	Skwentna, baz=349	75.48	7	P	P	05 42 37.0	-0.3
M13K	Dall Lake, baz=340	75.49	13	P	P	05 42 37.5	+0.2
HARP	HAARP, baz=354	75.50	4	P	P	05 42 37.8	+0.3
M30M	Minto, Yukon, baz=0.3	75.52	360	P	P	05 42 38.3	+0.7
M18K	Stony River, baz=346	75.52	9	P	P	05 42 38.0	+0.5
M16K	Timber Creek, baz=344	75.57	11	P	P	05 42 38.3	+0.5
M26K	Nabesna, AK, baz=356	75.59	3	P	P	05 42 38.2	+0.2
M15K	Kasigluk River, baz=342	75.64	12	P	P	05 42 38.5	+0.3
BVCY	Beaver Creek, baz=357	75.64	2	P	P	05 42 38.4	+0.1
M29M	Somme Creek, baz=359	75.65	1	P	P	05 42 39.0	+0.6
M27K	Edge Creek, AK, baz=356	75.67	2	P	P	05 42 39.1	+0.6
M24K	Tolsona, Glenn, baz=353	75.74	4	P	P	05 42 39.2	+0.3
M22K	Willow, baz=350	75.83	6	P	P	05 42 39.9	+0.7
M31M	Drury Creek, Y, baz=2.1	75.86	359	P	P	05 42 39.9	+0.3
LBNH	Lisbon, baz=44	75.90	318	P	P	05 42 40.9	+0.9
SML	Sawmill, baz=352	75.91	5	P	P	05 42 40.0	+0.2
SCM	Sheep Creek Mo, baz=352	75.95	5	P	P	05 42 40.2	+0.1
M23K	Glacier View, baz=352	75.96	5	P	P	05 42 40.1	+0.1
SUA	Susitna One, baz=350	76.06	7	P	P	05 42 40.5	-0.2
PMR	Palmer, baz=351	76.06	6	P	P	05 42 40.8	+0.2
N16K	Nishitk Lake, baz=344	76.13	11	P	P	05 42 41.5	+0.4
N14K	Kuskokwak Cree, baz=342	76.22	12	P	P	05 42 41.8	+0.3
N15K	Kwethluk River, baz=343	76.23	11	P	P	05 42 42.0	+0.3
KNK	Knik Glacier, baz=351	76.29	5	P	P	05 42 42.4	+0.5
N17K	Nushagak Hills, baz=345	76.29	10	P	P	05 42 42.5	+0.5
YUK3	Moose Creek, baz=358	76.29	2	P	P	05 42 42.5	+0.3
N18K	Kilae Creek, baz=346	76.30	9	P	P	05 42 42.3	+0.2
N19K	Bonanza Creek, baz=347,SNR=6.4	76.33	9	P	P	05 42 42.4	+0.1
RC01	Rabbit Creek A, baz=350	76.51	6	P	P	05 42 43.5	+0.3
O14K	Tiguyakuiv M, baz=342	76.93	12	P	P	05 42 45.9	+0.4

HRV	Adam Dziewosk, baz=44	76.96	316	P	P	05 42 47.2	+1.2
O17K	Koliganek Bris, baz=345	77.03	10	P	P	05 42 46.6	+0.5
O16K	Kokwak River B, baz=344	77.07	11	P	P	05 42 46.6	+0.3
CTG	Chitna Glacier, baz=357	77.08	2	P	P	05 42 46.9	+0.3
O18K	Koktuk Hills, baz=356	77.19	9	P	P	05 42 47.3	+0.3
O15K	Ungalikthuk R, baz=343	77.22	12	P	P	05 42 47.7	+0.5
CRQE	Cirque, baz=346	77.24	3	P	P	05 42 47.7	+0.2
HYT	Haines Junctio, baz=360	77.27	0	P	P	05 42 47.8	+0.1
O28M	Mount Upton, baz=347	77.30	1	P	P	05 42 48.0	0.0
EYAK	Cordova Skt Ar, baz=354	77.32	4	P	P	05 42 48.1	+0.4
P16K	Nushagak River, baz=344	77.63	11	P	P	05 42 49.6	+0.1
P18K	Big Mountain, baz=346	77.64	9	P	P	05 42 49.8	+0.2
P17K	Kvichak River, baz=346	77.68	10	P	P	05 42 49.9	+0.2
HOM	Home, baz=349	77.76	7	P	P	05 42 50.3	+0.1
P33M	Teslin, Yukon, baz=33	77.82	358	P	P	05 42 51.2	+0.5
P08K	Saint George I, baz=356	77.83	18	P	P	05 42 50.7	+0.1
P32M	Atlin, baz=2.6	78.47	358	P	P	05 42 54.9	+0.6
R33M	Jennings River, baz=347	78.57	357	P	P	05 42 55.4	+0.5
PLBC	Pleasant Camp, baz=0.6	78.64	360	P	P	05 42 55.5	+0.4
Q17K	Contact Creek, baz=346	78.65	10	P	P	05 42 55.4	+0.1
Q20K	Shuyak Island, baz=349	78.72	8	P	P	05 42 56.1	+0.5
TOAD	Toad River Com, baz=9.0	78.76	354	P	P	05 42 56.4	+0.6
Q32M	Nakina River, baz=347	79.06	357	P	P	05 42 58.0	+0.3
BINY	Binghamton, baz=41	79.41	318	P	P	05 43 00.6	+0.9
KDAK	Kodiak Island, baz=34	79.51	8	P	P	05 43 00.1	+0.2
S14K	Fog Glacier, baz=343	80.04	12	P	P	05 43 03.0	0.0
S34M	Telegraph Cree, baz=342	80.06	357	P	P	05 43 02.9	0.0
ULM	Lac du Bonnet, comp=Z,0.8nm,0.6s, baz=23,slow=15,SNR=1.9	81.00	335	P	P	05 43 08.1	+0.1
NIKH	Nikolski High, baz=40	81.32	19	P	P	05 43 09.6	-0.1
SSPA	Standing Stone, baz=40	81.53	319	P	P	05 43 11.4	+0.3
WRAK	Wrangell Islan, baz=35	81.60	357	P	P	05 43 11.4	+0.2
V35K	Ketchikan, baz=4.2	82.67	357	P	P	05 43 16.9	+0.2
MCWV	Mont Chateau, baz=39	83.24	319	P	P	05 43 20.5	+0.5
O53A	New Philadelphia, baz=38	83.44	320	P	P	05 43 21.7	+0.6
P24K	Corning, baz=38	84.36	320	P	P	05 43 25.8	+0.1
JFWS	Jewell Farm, baz=33	85.23	327	P	P	05 43 30.4	+0.3
O48B	Farmland, baz=36	85.25	323	P	P	05 43 30.4	+0.1
ECSD	EROS Data Cent, baz=15	86.93	332	P	P	05 43 38.9	+0.4
NEW	Newport, baz=15	88.11	347	P	P	05 43 44.1	0.0

BGS 29 05:54:12.6±1.4, 51.15N:0.26W, h5km, ML2.4
 LDG 29 05:54:12.6±0.0, 51.15N:0.26W, h5km, ML2.8, Error
 s-min=8.0km, s-max=9999.9km, s-min=9999.9km, az=99.0
 NEIC 29 05:54:12.6±2.1, 51.16N:0.07:0.3W:0.1, h10km, 1km,
 Error ellipse: s-maj=13.6km, s-min=10.8km, az=220.0
 ISC 29 05:54:11.3±1.1, 51.11N:0.02:0.26W:0.02, h15km, 9km,
 n46, e181/83, United Kingdom

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HMXN	Herstmonceux	0.45	123	Op	05 54 20.7	-0.2
WOL	Wolverton	0.64	289	eP	05 54 23.6	-0.2
WOL	Wolverton	0.64	289	eP	05 54 24.0	-0.1
ELSH	Elham, Standar	0.88	87	eP	05 54 28.7	+0.3
ELSH	Elham, Standar	0.88	87	eP	05 54 28.7	+0.3
SWN1	Swindon	1.05	293	eP	05 54 31.1	-0.1
SWN1	Swindon	1.05	293	eP	05 54 31.1	-0.1
SWN1	Swindon	1.05	293	eP	05 54 31.1	-0.1
ELMS	Elmsett, Ipswi	1.25	38	eP	05 54 34.2	-0.1
ELMS	Elmsett, Ipswi	1.25	38	eP	05 54 34.2	-0.1
ELMS	Elmsett, Ipswi	1.25	38	eP	05 54 34.2	-0.1
STRD	Stroud	1.36	300	eP	05 54 36.1	-0.4
STRD	Stroud	1.36	300	eP	05 54 36.1	-0.4
STRD	Stroud	1.36	300	eP	05 54 36.1	-0.4
WACR	West Acre	1.71	18	eP	05 54 41.6	-0.7
WACR	West Acre	1.71	18	eP	05 55 03.4	-0.2
WACR	West Acre	1.71	18	eP	05 55 07.0	0.0
MONM	Monmouth	1.75	296	eP	05 54 42.2	-0.9
MONM	Monmouth	1.75	296	eP	05 55 03.4	-0.5
MONM	Monmouth	1.75	296	eP	05 55 10.3	0.0
MCH1	Michaelchurch	1.93	298	eP	05 54 44.2	+0.8
MCH1	Michaelchurch	1.93	298	eP	05 55 13.4	0.0
MCH1	Michaelchurch	1.93	298	eP	05 55 14.2	0.0
HLM1	Long Mynd	2.15	312	eP	05 54 46.8	+0.2
HLM1	Long Mynd	2.15	312	eP	05 55 14.0	+1.0
HLM1	Long Mynd	2.15	312	eP	05 55 18.6	0.0
FLN	La Foliniere	2.36	184	ePn	05 54 50.8	+1.4
FLN	La Foliniere	2.36	184	ePn	05 54 57.0	+0.5
FLN	La Foliniere	2.36	184	ePn	05 55 18.3	+0.3
DYA	Yadsworth	2.43	255	eP	05 54 52.0	+1.6
LDF	La Drutiere	2.52	178	ePn	05 55 00.5	+0.8
LDF	La Drutiere	2.52	178	ePn	05 55 22.2	+0.1
LDF	La Drutiere	2.52	178	ePn	05 55 32.9	+0.5
GRR	Gorron	2.75	188	ePn	05 54 56.1	+1.2
GRR	Gorron	2.75	188	ePn	05 55 04.4	+0.3

29d 6h

Table with columns: CHIR, P19K, ANCK, SKLM, O20K, H20K, HIN, IVE, ILSW, ILSW, ILSW, CNTC, G17K, PLK4, KAIM, KAIM, EYAK, EYAK, EYAK, RED, P18K, P18K, RSO, FID, FID, RDT, RDWB, GLI, GLI, RAGM, SUCK, NCT, HMT, NICH, RC01, RC01, RC01, GOAT, O18K, O18K, BGLC, BGLC, P17K, P17K, GRIN, SNH, SNH, SPU, SPU, KHIT, BMRM, BMRM, SPCP, SPCG, WAX, PMR, PMR, BARK, N19K, N19K, STLK, MESA, MESA, MESA, CRQM, SPNN, KLU, KLU, CHGN, CHGN, CHGN, CHGN, GHO, GHO, GHO, SML, SML, SML, TGL, ISLE, O17K, O17K, YAH, N18K, N18K, VRDI, N25K, N25K, KIAG, GLB, SAMH, SKT, SKT, VNHG, GRNC, O16K, O16K, MCARA, MCARA, PTPK, YK12, M20K, M20K

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Table with columns: PCA, PINM, N17K, N17K, CTG, CTGM, PNL, PNL, PNL, LOGN, SCMP, M18K, M18K, CHNA, CNBA, O28M, O28M, O15K, O15K, L19K, L19K, N16K, N16K, SDPT, SDPT, M17K, M17K, DHY, O29M, O29M, P29M, P29M, M16K, M16K, M27K, M27K, N15K, L18K, L18K, S31K, S31K, O14K, O14K, CAST, CAST, KTH, YUKA, PS1A, PLBC, PLBC, S12K, S12K, L17K, L17K, M15K, M15K, L16K, L16K, SIT, N14K, N14K, BPAW, BPAW, K17K, SKAG, SKAG, BESE, N30M, N30M, S32K, S32K, S32K, O30N, O30N, M14K, M29M, M29M, R32K, R32K, JIS, JIS, CCB, L15K, L15K, FALS, FALS, ILAR, ILAR, J26L, WHY, WHY, ISN, ISN, L29M, L29M, L14K, L14K, K15K, K15K, P32M, P32M, M30M, U33K, U33K, J16K, CRAG, WES, P33M, P33M, Q32M, Q32M, K29M, H21K, H21K, K13K, R33M, R33M, UNV, DLBC

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Table with columns: YKA, TXAR, SOMN, SJA, RTLS, RTLS, ZON, ZON, AUSP, AUSP, DOCA, DOCA, SJA, SJA, RTVC, RTVC, RTLL, ACCO, CO03, CO03, AROD, AROD, CO02, CO02, ACDD, ACDD, GO04, GO04, AVFE, AVFE, AVFE, ACHE, ACHE, ACLC, ACLC, VCA, VCA, VCA, GO03, GO03, GO03, GO02, GO02, IDC, I46RU, I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, IDC, IDC, ISC, ISC, CMAR, PALK, H08S3, H08S2, H08S1, MKAR, MKAR, SONM, KURBB, GEYT, ZALV, BVAR, WRA, ASAR, ARU, H04N2, H04N1, H04N3, FINES, ARCES, HFS

IDC 29 06:05:32.64.6, 7.44AS:148.25E, h166km, 29gkm, mb2.8/1, mbtmp3.3/3, Error ellipse: s-maj=114.5km s-min=50.2km az=120.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Waramungga Arr, Alice Springs, Torodi Ar. Bea.

IDC 29 06:10:11.1.3.3, 53.559N:87.90E, h0km, mbtmp2.5/2, ML2.1/2, Error ellipse: s-maj=27.4km s-min=15.9km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Infra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 29 06:11:19.6.2.6, 30.26N:57.49E, h0km, mb3.4/7, mbtmp3.5/7, Error ellipse: s-maj=64.8km s-min=23.9km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kerman Provinc, Koh Gabri, Zaran Kerman, Negar Kerman, KBAM BAM.

TEH 29 06:11:21.9.30.71N:57.41E, h9km, 27km, ML3.7, ISC 29 06:11:22.9.0.7, 30.57N:0.05.57.47E, 0.04, h15km, n33, #124/34, mb3.4/6, Northern and central Iran

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kerman Provinc, Koh Gabri, Zaran Kerman, Negar Kerman, KBAM BAM, IBAF Bafgh, IKOO Kooshah, TPVR Parvadeh(Tabas), IMEH Melhriz, IDAH Dahanechah, TKDS Koohdash(Taba), ICHK Chekchek, ZHDN Zahedan, AFRZ Afriz, TNSJ Nastanji, ISAD Sadrabad, ANAR Anarak, IRAM Rameshah, IZEF Zefreh, TBJM Torbat-JAM, KRSH Karshahi, SBZV Sabzevar, ISFB Sefidab, IAKL Akhelmad, IKRD Kardeh, AKTO Aktyubinsk.

IDC 29 06:25:36.5.3.2, 54.56N:86.21E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=23.4km s-min=13.4km az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Infra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, ZALV Zalesovo Beam, TORDD Torodi Ar. Bea.

NAM 29 06:57:09.7.1.4, 19.30Sx14.60E, h8km, 8gkm, ML0.1, Namibia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ST9N, ST9, ST9N, ST9N, ST9N, ST1, ST1N, ST1N, ST2, ST2N, ST2N, ST2, ST2N, ST5, ST5N, ST5N, ST5, ST5N, ST5N.

Table with columns: ST6N, ST6N, ST6N, ST6N, ST6N, ST6N, ST11N, ST11N. Includes station codes and coordinates.

SJA 29 07:06:26.5.0.6, 20.87S:69.23W, h116km, 4km, ML3.5, MV3.4

GUC 29 07:06:28.3.0.6, 20.89S:69.17W, h105km, 4km, ML3.5

ISC 29 07:06:27.1.1.5, 20.88S:0.03.69.28W.0.07, h114km, 11km, n29, #0971/52, 6C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Punta Patache, Punta Patache, Humberstone, Humberstone, IPOC Station P, IPOC Station P, Diego Aracena, Diego Aracena, Huaquiue, Huaquiue, IPOC Station P, IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chuzmiza, Chuzmiza, IPOC Station P, IPOC Station P, IPOC Station P, IPOC Station P.

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

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

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

IDC 29 07:12:56.5.5.2, 90.292Sx178.49W, h526km, 60km, mb3.0/9, mbtmp3.9/10, Error ellipse: s-maj=24.0km s-min=20.5km az=60.0

ISC 29 07:13:00.8.0.7, 20.85S:0.1.178.7W.0.2, h579km, n13, #235/15, mb3.4/9, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, URZ, ASAR, ASAR, WRA, WRA, VANDA, VANDA, GSPA, GSPA, NVAR, NVAR, TXAR, TXAR, SNA, SNA, ILAR, ILAR, PDAR, PDAR, AKASG, AKASG, EKA, EKA, BRTR, BRTR.

DJA 29 07:31:36.7.0.5, 8.3S:3.109E, h35km, 2gkm, M3.8/12, mb4.1/1, MLV3.7/12, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cimerak, Karang Pucung, Yogyakarta, Wanaagama, Lembang, Cibirong, Semarang, Ujung Watu, Pagerwojo, Jajag, Banyuwya.

NNC 29 07:36:06.9.2.6, 53.19N:91.35E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=20.0km s-min=12.6km az=80.0, Suspected Mining explosion

IDC 29 07:36:08.0.2.8, 53.62N:90.78E, h0km, mbtmp3.5/4, ML2.9/4, Error ellipse: s-maj=24.9km s-min=19.1km az=57.0

ISC 29 07:36:03.4.3.5, 53.73N:0.1.91E.0.2, h0km, n13, #312/17, 5C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Infra, Zalesovo Beam, Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, SONM Songoi Array, SONM Songoi Array, BVAR Borovoye Arra, BVAR Borovoye Arra, AAK Aka-Archa, AAK Aka-Archa, NRIK Norik, NRIK Norik.

VIE 29 07:48:18.8.0.4, 48.73N:10.16E, h0km, mb1.8/5, ml2.1/6, Error ellipse: s-maj=3.6km s-min=2.3km az=147.0, Suspected Mining explosion

BUG 29 07:48:19.1.48.77N:10.17E, h12km, 2km, MD2.6/9, ML2.5/9

BGR 29 07:48:19.4.0.3, 48.78N:10.14E, h0km, ML1.7/7, Error ellipse: s-maj=6.7km s-min=2.2km az=138.0, Mining explosion

STR 29 07:48:21.0.1.2, 49.1N:4.1E, h0km, ML2.2/8, Error ellipse: s-maj=0.0km s-min=0.0km az=96.1, preliminary

ISC 29 07:48:18.8.0.8, 48.74N:0.02.10.19E.0.02, h0km, n45, #095/60, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like A106B Goepplingen, A106B Goepplingen, A108A Ulm, Ringingen, A104C Biberach, A107C Memmingen, A100A Rottenburg, A100A Rottenburg, A102A Sigmaringen, A102A Sigmaringen, FUR Furstenfeldbru, FUR Furstenfeldbru, GUT Guttenstein, GUT Guttenstein, A103D Ravensburg, A103D Ravensburg, UBR Ueberruh, UBR Ueberruh, GRFO Grafenberg, GRFO Grafenberg, GRF Grafenberg, WALHA Wallhausen, EMING Emmingen-Lipt, BFO Black Forest, RETA Reutte, RETA Reutte, BABA Baden-Baden-Ne, BABA Baden-Baden-Ne, A105A Oberdorf, OBER Oberdorf, OPP Oppenau, OPP Oppenau, DAVA Davenport, DAVA Davenport, SLE Schleithen, SLE Schleithen, MOTA Moosalm, MOTA Moosalm, BERGE Lenzkirch, BERGE Lenzkirch, LEMB Lembach, LEMB Lembach, METMA Mettma DE, METMA Mettma DE, ROTZ Rotzenmuhle, ROTZ Rotzenmuhle, WATA Walderalm, WATA Walderalm, KIZ Kirchzarten, KIZ Kirchzarten, KIZ Kirchzarten, ZELS Zelsheim, ZELS Zelsheim, FETA Feichten, FETA Feichten, WTTA Wattenberg, WTTA Wattenberg, SULZ Cheisacher, SULZ Cheisacher.

29d 9h

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like Alcaldia de L, Serv Nac Est T, Serv Nac Est T, etc.

2018 JUN

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like Zacatecas, Las Esperanzas, Las Juntas de, etc.

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Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like Lakeview Retre, Titton, Carlsbad 7, etc.

X18A	Snowflake	23.50	327	I	Amb	09 22 01.4
KSU1	Kansas State U	23.64	356	I	Amb	09 22 12.0
KSU1	Kansas State U	23.64	356	P	P	09 21 45.7 -1.0
CBKS	Cedar Bluff	23.72	350	P	P	09 21 46.4 -1.1
W18A	Petrified Fore	23.85	328	P	P	09 21 49.1 +0.2
WCI	Wyandotte Cave	23.86	16	P	P	09 21 47.1 -1.6
WCI	Wyandotte Cave	23.86	16	P	P	09 21 46.6 -2.1
Q44A	Meyer Farm, Va	23.89	11	P	P	09 21 46.1 -2.9
U54A	Nelsons Funny	23.89	26	P	P	09 21 47.6 -1.5
OLIL	Olney	23.90	13	P	P	09 21 46.1 -3.0
P40A	Paris	24.11	5	Amb	Amb	09 22 13.6
P38A	Dawn	24.12	2	I	Amb	09 22 16.6
SDCO	Great Sand Dun	24.23	339	P	P	09 21 53.8 +1.3
SDCO	Great Sand Dun	24.23	339	P	P	09 21 52.6 +0.1
R49A	Shelbyville	24.24	18	Amb	Amb	09 22 04.0
SDV	Santo Domingo	24.30	103	LR	LR	09 32 28.5
U56A	King	24.32	345	P	P	09 21 50.8 -2.8
K50A	Keye Shedlock	24.52	9	I	Amb	09 21 54.9 -0.1
P43A	Skaggs, Pawnee	24.52	9	I	Amb	09 22 18.3
S22A	4UR Ranch, Cre	24.72	336	I	Amb	09 22 22.9
S22A	4UR Ranch, Cre	24.72	336	P	P	09 21 57.1 +0.2
Y14A	Wickenburg	24.80	321	P	P	09 21 57.1 -0.4
P46A	Rosedale	24.95	14	I	Amb	09 21 57.2 -1.5
MVCO	Mesa Verde	24.95	333	I	Amb	09 22 24.2
MVCO	Mesa Verde	24.95	333	P	P	09 21 58.9 -0.1
WUAZ	Wupatki	25.01	326	P	P	09 21 59.9 +0.5
WUAZ	Wupatki	25.01	326	P	P	09 21 59.1 -0.3
BLA	Blacksburg	25.08	27	P	P	09 21 58.8 -1.1
S54A	Dingess, Beckl	25.19	25	I	Amb	09 22 16.5
P48A	Milroy	25.25	17	I	Amb	09 21 60.0 -1.4
SSFO	Shawnee State	25.25	21	P	P	09 21 58.7 -2.7
GLA	Glamis	25.37	317	P	P	09 22 03.1 +0.5
HDIL	Hopedale	25.45	9	P	P	09 22 01.8 -1.4
P49A	Miami Univ. Ec	25.52	18	P	P	09 22 02.1 -1.7
Q52A	Bidwell	25.52	22	P	P	09 22 05.0 -1.6
PV07	Paradox Valley	26.05	334	P	P	09 22 07.0 -1.9
W13A	Hualapai Mount	26.13	322	P	P	09 22 11.1 +1.4
BC3	Big Chuckawall	26.16	318	P	P	09 22 10.4 +0.6
PV22	Blue Mesa, Pa	26.19	334	P	P	09 22 09.9 -0.2
OGNE	Ogallala	26.23	347	P	P	09 22 10.5 +0.2
O49A	Covington	26.24	18	I	Amb	09 22 32.1
SCIA	State Center	26.41	2	P	P	09 22 11.3 -0.6
P52A	Corning	26.46	22	P	P	09 22 10.5 -1.9
HMU	Henry Mountain	26.57	331	P	P	09 22 12.8 -0.9
P53A	Anamosa	26.61	23	P	P	09 22 12.1 -1.7
L40A	Whipple	26.69	6	I	Amb	09 22 33.6
BELC	Belle Mtn. Jos	26.72	318	P	P	09 22 15.4 +0.5
PFO	Pinyon Flats O	26.79	316	LR	LR	09 34 30.5
109C	Camp Elliot, M	26.80	314	P	P	09 22 15.5 0.0
L42A	Oliver, Polo	26.82	8	I	Amb	09 22 30.2
O52A	Adamsville	27.00	22	I	Amb	09 22 38.2
V12A	Nelson	27.13	322	P	P	09 22 18.2 -0.4
N23A	Red Feather La	27.21	341	I	Amb	09 22 18.8 -0.7
N23A	Red Feather La	27.21	341	P	P	09 22 18.9 -0.6
O20A	White River Ci	27.34	337	P	P	09 22 18.7 -1.8
O20A	White River Ci	27.34	337	P	P	09 22 20.2 -0.3
O53A	New Philadelph	27.34	23	P	P	09 22 18.5 -1.8
O53A	New Philadelph	27.34	23	P	P	09 22 18.0 -2.2
MCWV	Mont Chateau	27.37	25	P	P	09 22 18.9 -1.6
ATAH	Atahualpa	27.58	143	LR	LR	09 31 31.6
JFWS	Jewell Farm	27.64	7	I	Amb	09 22 49.8
JFWS	Jewell Farm	27.64	7	P	P	09 22 21.6 -1.3
RDMU	Red Mountain	28.23	335	P	P	09 22 27.7 -0.8
ECSD	EROS Data Cent	28.26	357	P	P	09 22 26.4 -2.0
ECSD	EROS Data Cent	28.26	357	P	P	09 22 27.6 -0.8
RWWV	Rawlins	28.34	340	I	Amb	09 22 35.2
M53A	Wi Miller and P	28.58	22	P	P	09 22 28.6 -2.7
BSUT	Blindstream Ca	28.69	334	P	P	09 22 30.0 -2.8
H2A	Dreager Farm	28.77	9	P	P	09 22 32.1 -0.9
MPMC	Manual Prospec	28.96	319	P	P	09 22 34.1 -0.9
K22A	Casper	28.99	342	P	P	09 22 33.7 -1.5
CTUT	Toone Canyon	29.45	334	I	Amb	09 22 45.8
PCRV	Puerto La Cruz	29.66	97	LR	LR	09 35 53.0
RSSD	Black Hills	29.70	346	P	P	09 22 39.8 -1.6
SPMN	Marine on St.	29.73	3	P	P	09 22 40.2 -1.3
SPMN	Marine on St.	29.73	3	P	P	09 22 40.6 -0.9
BW06	Boulder Array	30.11	338	P	P	09 22 44.9 -0.2
PDAR	Pinedale Array	30.11	338	P	P	09 22 45.0 -0.1
ELK	Elko	30.94	329	LR	LR	09 37 26.6
NVAR	Mina Array Bea	30.99	322	P	P	09 22 56.0 +3.1
NVAR	Mina Array Bea	30.99	322	P	P	09 22 56.0 +3.1
NVAR	Mina Array Bea	30.99	322	P	P	09 22 56.0 +3.1

REDW	Red Top Meadow	31.16	337	P	P	09 22 55.5 +1.5
SNOW	Snow King Moun	31.16	337	I	Amb	09 22 56.0 +1.6
TPAW	Teton Pass	31.25	337	P	P	09 22 55.2 -0.1
FWXY	Fox Creek	31.41	337	P	P	09 22 59.0 +2.4
CZSB	Cruzeiro do Su	31.63	135	I	Amb	09 23 01.0
CZSB	Cruzeiro do Su	31.63	135	eP	P	09 23 00.5 +2.0
FLWY	Flaggi Ranch	31.67	338	P	P	09 22 59.0 +0.1
SADO	Sadova	32.03	21	LR	LR	09 37 29.5
RLMT	Red Lodge	32.08	340	I	Amb	09 23 06.0
RLMT	Red Lodge	32.08	340	P	P	09 23 01.4 -1.1
NNA	Nana	32.43	146	LR	LR	09 34 00.3
EYMN	Ely	32.52	4	P	P	09 23 03.9 -2.1
EYMN	Ely	32.52	4	I	Amb	09 23 04.3
EYMN	Ely	32.52	4	P	P	09 23 03.9 -2.1
HLID	Hailey	32.73	333	P	P	09 23 07.9 -0.2
AGMN	Agassiz Nation	32.79	358	P	P	09 23 06.7 -1.6
AGMN	Agassiz Nation	32.79	358	P	P	09 23 06.5 -1.9
BZM	Bozeman (W)	33.31	338	P	P	09 23 13.4 +0.3
DOG	Dagmar	33.38	349	I	Amb	09 23 23.6
DGTM	Dagmar	33.88	349	P	P	09 23 18.0 +0.2
WVOR	Wild Horse Val	33.92	327	I	Amb	09 23 19.4 +1.0
J08A	Circle Bar Ran	34.00	329	I	Amb	09 23 38.8
PLID	Pearl Lake	34.64	333	I	Amb	09 23 29.2
BPMT	Black Pine Rid	34.69	337	P	P	09 23 24.3 -0.9
LYMT	Lyon Mountain	34.72	339	P	P	09 23 26.3 +0.9
ULM	Lac du Bonnet	34.74	359	I	Amb	09 23 27.4
ULM	Lac du Bonnet	34.74	359	P	P	09 23 23.4 -1.9
EGMT	Eagleton	34.82	342	P	P	09 23 26.7 +0.6
EGMT	Eagleton	34.82	342	I	Amb	09 23 32.0
EGMT	Eagleton	34.82	342	P	P	09 23 26.7 +0.6
TRQ	Mont Tremblant	34.98	25	P	P	09 23 26.2 -1.3
TEFE	Tefe	35.13	120	eP	P	09 23 28.4 +0.6
MISO	Missoula	35.20	373	P	P	09 23 34.0 +1.0
YBH	Yreka Blue Hor	35.70	323	LR	LR	09 38 34.5
F10A	Beach Ranch, E	35.87	333	P	P	09 23 35.6 +0.4
BOAV	Boa Vista	36.00	108	I	Amb	09 23 36.0 -0.5
H04A	Detroit Lake	37.33	327	I	Amb	09 24 02.8
NEW	Newport	37.62	335	P	P	09 23 50.8 +0.8
NEW	Newport	37.62	335	LR	LR	09 41 27.2
ETMB	Extrema	37.69	130	I	Amb	09 23 50.7 -0.1
ETMB	Extrema	37.69	130	eP	P	09 23 50.7 -0.1
C09A	Chrisman Ranch	37.74	334	I	Amb	09 23 51.2 +0.3
MACA	Manacapurum	38.32	116	P	P	09 23 55.5 -0.7
MACA	Manacapurum	38.32	116	I	Amb	09 24 10.6
MACA	Manacapurum	38.32	116	eP	P	09 23 55.6 -0.6
MACA	Manacapurum	38.32	116	I	Amb	09 23 52.7 +0.7
LON	Longmire	38.57	330	P	P	09 23 59.8 +1.7
D05A	Dunsmuir	38.57	330	P	P	09 24 00.0 -1.2
LMN	Caledonia Moun	39.28	33	P	P	09 24 02.4 -1.5
E03A	Lebam	39.31	328	P	P	09 24 05.7 +1.7
SAML	Samuel	39.45	126	P	P	09 24 04.2 -1.4
SAML	Samuel	39.45	126	eP	P	09 24 04.2 -1.4
FFC	Fin Flon	39.62	363	I	Amb	09 24 06.4 -0.2
GNW	Green Mountain	39.64	330	P	P	09 24 08.7 +1.8
LPAZ	La Paz	40.94	139	P	P	09 24 19.2 +0.5
LPAZ	La Paz	40.94	139	P	P	09 24 18.1 -0.6
LPAZ	La Paz	40.94	139	LR	LR	09 40 42.7
LPAZ	La Paz	40.94	139	P	P	09 24 18.8 +0.1
MDP	Montagnes des	42.47	99	LR	LR	09 42 59.0
GO01	Chusitza	42.91	144	P	P	09 24 36.3 +1.8
ITTB	Itaituba	43.22	114	eP	P	09 24 34.6 -2.0
FCC	Fort Churchill	43.26	0	P	P	09 24 36.8 +0.6
VILB	Vilhena	44.21	128	P	P	09 24 44.2 -0.4
PB09	IPOC Station P	44.58	145	P	P	09 24 48.6 +1.0
SCHO	Schefferville	44.81	22	LR	LR	09 46 15.1
NPGB	Novo Progresso	44.84	117	eP	P	09 24 47.6 -2.0
MCPB	Macapa, AP	44.86	107	eP	P	09 24 48.3 -1.5
BBB	Bella Bella	45.29	331	LR	LR	09 43 17.1
PDRB	Porto dos Gac	46.13	123	eP	P	09 24 57.9 -2.0
PTLB	Pontes e Lacer	46.57	130	P	P	09 25 02.8 -0.4
PTLB	Pontes e Lacer	46.57	130	eP	P	09 25 02.8 -0.4
YKAB2	New Yellowknif	49.02	348	P	P	09 25 21.9 +0.4
YKA	Yellowknife Ar	49.08	348	P	P	09 25 22.3 +0.3
YKA	Yellowknife Ar	49.08	348	P	P	09 25 21.8 -0.2
YKA	Yellowknife Ar	49.08	348	LR	LR	09 48 54.3
T35M	Bob Quinn	49.43	335	P	P	09 25 25.4 +0.6
SALV	Santo Antonio	49.45	127	eP	P	09 25 24.8 -0.7
DLBC	Dease Lake	50.34	337	I	Amb	09 25 33.2 +1.5
DLBC	Dease Lake	50.34	337	P	P	09 25 32.0 +0.3
SNDB	Serra Nova Dou	50.79	120	eP	P	09 25 35.2 -0.5
R33M	Jennings River	51.35	337	P	P	09 25 39.6 +0.2
CO03	El Pedregal	51.44	154	P	P	09 25 41.8 +1.4
Q32M	Nakina River	51.55	336	P	P	09 25 42.2 +1.1
CO02	Combarbal	51.62	154	P	P	09 25 43.0 +1.3
JIS	Juneau Island	51.96	335	P	P	09 25 43.1 -0.7
R32K	Eaglecrest	52.02	335	P	P	09 25 43.9 -0.4
AQDB	Aquidauana	52.29	132	eP	P	09 25 45.8 -1.0
ARAG	Araguaiana, MT	52.38	124	eP	P	09 25 46.8 -0.7
SMTB	Santa Maria do	52.46	114	eP	P	09 25 48.0 -0.2
YAO3	San Esteban	53.16	155	P	P	09 25 54.7 +1.6
NS2M	Quiet Lake	53.31	338	P	P	09 25 54.1 +0.2

WHY	Whitehorse	53.66	337	P	P	09 25 55.7 -0.7
MT03	Universidad Ad	53.81	155	P	P	09 25 59.9 +2.0
MT09	Talagante	53.87	156	I	Amb	09 25 59.1 +0.8
MT08	Bocatomora Ro	53.97	155	P	P	09 26 01.1 +1.8
P30M	Million Dollar	54.14	335	P	P	09 25 59.6 -0.3
P29M	Wino Craggy	54.17	335	P	P	09 26 00.3 +0.2
LMEL	Las Melosas	54.25	155	P	P	09 26 02.8 +1.6
M31M	Drury Creek, Y	54.48	338	P	P	09 26 05.1 +2.8
M31M	Drury Creek, Y	54.48	338	P	P	09 26 02.5 +0.2
N31M	Braeburn, Yuko	54.52	337	P	P	09 26 04.9 +2.3
N31M	Braeburn, Yuko					

29d 9h

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Table with columns: RES, Resolute Bay, 59.25 360, P, P, 09 26 35.5 -0.4, 09 26 44.8, MLY, comp=Z,4.2nm,0.8s, Manley, 62.12 337, P, P, 09 26 56.0 +0.4, etc.

Table with columns: MLY, comp=Z,4.2nm,0.8s, Manley, 62.12 337, P, P, 09 26 56.0 +0.4, etc.

Table with columns: F19K, Shaluckick Mo, 65.47 337, P, P, 09 27 18.0 +0.5, etc.

IDC 29 09:28:34.7.3.1, 53.52N, 87.61E, h0km, mbtmp2.7/2, ... Code Station Name ...

Table with columns: MKAR, Makanchi Array, 7.55 209, Pn, Pn, 09 31 27.3 +1.3, 0.1nm, 0.3s, baz=20, slow=17, SNR=2.6

CRAAG 29 09:32:39.2, 36.46N; 1.78E, M12.8, Algeria 06km SW

MDD 29 09:32:41.5, 1.4, 36.64N; 1.83E, h5km, 23km, Mb3 6/7, Mb2 9/7, Error ellipse: s-maj=29.6km s-min=7.1km

ISC 29 09:32:39.8, 1.3, 36.52N; 0.04+1.78E; 0.03, h18km, 7km, n27, c0128/34, 7C, Northern Algeria

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

CATAC 29 09:44:23.7, 1.1, 8.30N; 82.85W, h11km, 3km, ML2.4

UPA 29 09:44:25.2, 1.1, 8.37N; 82.84W, h18km, 2km, MW3.2

ISC 29 09:44:24.0, 0.9, 8.35N; 0.04+82.84W; 0.03, h31km, 7km, n18, c0548/36, 2C-4D, Panama-Costa Rica border region

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 29 09:48:38.2, 0.5, 8.61S; 127.38E, h0km, mb4.3/14, mb1mp=14.3km az=74.0

NEIC 29 09:48:43.0, 1.8, 8.80S; 0.06+127.50E; 0.06, h35km, 1km, mb4.8/37, mb5.0/13, MLV5.0/13, Mw(mb)4.1/3, MwMwp4.4/1, Mwp4.8/1

ISC 29 09:48:42.7, 0.3, 8.88S; 0.04+127.55E; 0.05, h35km, n178, c2501/164, mb4.7/50, MS3.9/18, 1C-3D, Timor region

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kane Nui o Ham, Mauna Loa, Steam Cracks, North of Pu'u, etc.

IDC 29 10:39:03.12, 4.665S, 129.07E, h0km, mb3.4/1, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=148.6km s-min=32.9km az=67.0, Banda Sea

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

ISK 29 10:45:55.7, 36.28N, 30.43E, h0km, ML2.6/21 AFAD 29 10:45:56.5, 0.0, 36.19N, 30.33E, h31km, MW3.4

ISC 29 10:45:53.0, 1.7, 36.05N, 0.06, 30.35E, 0.04, h3km, 1.1km, n38, c094/58, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Antalya-Kumluç, Demre-Antalya, Kas, etc.

KRNET 29 10:53:11.7, 0.1, 40.94N, 69.24E, mb2.6 SOMET 29 10:53:12.3, 40.75N, 70.20E, h0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like luzhnay, Batken, Terek-Say, etc.

TAP 29 11:00:40.0, 23.85N, 121.57E, h19km, ML1.0, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shoufeng, Shilin, Tongmen, etc.

TAP 29 11:00:49.1, 24.25N, 121.69E, h21km, ML0.6, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Heping Village, Ninganchiao, Wuta, etc.

IDC 29 11:14:47.3, 1.5, 2.85S, 139.20E, h0km, mb3.5/3, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=76.1km s-min=27.0km az=98.0

DJA 29 11:14:48.8, 1.0, 2.2S, 12.13E, h10km, M4.5/3, mb4.7/2, ML4.4/3

ISC 29 11:14:53.2, 0.9, 3.05S, 0.1, 138.98E, 0.07, h35km, n8, c1879/9, mb3.6/3, Iran Jaz

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Genyem, Jayapura, Merauke, etc.

DJA 29 11:22:27.1, 0.5, 7.4S, 12.8E, h114km, 27km, M4.1/10, mb3.9/6, mb4.6/1, ML4.2/10, Mw(mb)3.8/1, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bandanaira, Saumlaki, Namlea, etc.

DJA 29 11:29:41.3, 0.9, 4.7N, 7.12E, h507km, 12km, M3.9/9, mb3.9/3, ML3.8/9

IDC 29 11:29:41.8, 2.9, 4.52N, 123.98E, h532km, 24km, mb3.1/4, mbtmp4.0/4, Error ellipse: s-maj=251.9km s-min=14.1km az=64.0

ISC 29 11:29:42.7, 1.0, 4.1N, 0.1, 123.2E, 0.1, h550km, n9, c228/12, mb3.5/4, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sangihe, Gorontalo, Mapaga, etc.

NEIC 29 11:35:13.6, 1.1, 18.15N, 0.05, 67.29W, 0.07, h28km, 13km, ML2.2/26, Md2.3/9(RSPR), Error ellipse: s-maj=9.9km s-min=7.1km az=77.0

OSPL 29 11:35:15.4, 0.3, 18.16N, 67.33W, h5km, 47km, ML2.1 RSPR 29 11:35:15.1, 18.15N, 67.26W, h19km, Md2.3/9

SDD 29 11:35:15.3, 1.2, 18.14N, 67.24W, h20km, 10km, MD2.7, ML2.0, MV2.9

ISC 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Puerto Rico Se, Maguueyes Island, etc.

AGPR 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maguueyes Island, Aguaquilla, etc.

AGPR 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Arcicibo Observ, etc.

AGPR 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Utuado, UPR, Obispo, etc.

AGPR 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

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

AGPR 29 11:35:13.9, 1.2, 18.17N, 0.04, 67.23W, 0.05, h28km, 5km, n46, c052/59, 12C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Punta Cana, Hump, etc.

IDC 29 11:37:49.0, 1.9, 1.92S, 126.87E, h0km, mb3.3/3, mbtmp3.4/4, ML3.6/1, Error ellipse: s-maj=187.4km s-min=23.9km az=66.0

DJA 29 11:37:53.0, 1.1, 2.2S, 12.7E, h14km, 9km, M3.8/10, mb4.2/3, ML3.6/10

ISC 29 11:37:51.2, 1.0, 1.72S, 0.05, 127.18E, 0.06, h10km, n10, c1943/13, mb3.4/3, Halmahera

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

PPT	Papeete	27.22 89 P	P	12 08 59.0 +0.2
PPTF	Pamatai, Papee	27.22 89 P	P	12 08 59.7 +0.8
PPTF	Pamatai, Papee	27.22 89 P	P	12 08 59.7 +0.8
TVO	Taravao	27.28 89 eP	P	12 09 00.7 -0.5
EIDS	Eidsvold	28.67 254 P	P	12 09 11.7 +0.3
ARMA	Armidale	28.92 244 P	P	12 09 14.5 +0.9
XMAS	Kiritimati	30.22 45 P	P	12 09 25.2 +0.3
CTAO	Charters Tower	33.29 264 P	P	12 09 52.1 +0.9
CTAO	Charters Tower	33.29 264 P	P	12 09 51.5 +0.4
CMSA	Cobar Meteorol	34.14 244 P	P	12 09 59.0 +0.9
QLP	Quilpie	34.89 253 P	P	12 10 05.0 +0.6
KAVG	Kavring	35.02 296 P	P	12 10 07.4 +1.7
PMG	Port Moresby	35.12 254 P	P	12 10 07.1 +0.6
MTSU	Mount Surprise	35.39 267 P	P	12 10 09.2 +0.5
COEN	Coen	37.37 274 P	P	12 10 25.9 +0.7
COEN			Iamb	12 10 26.4
INKA	Innaiminka	38.03 251 P	P	12 10 31.4 +1.1
MANU	Manus Island	38.23 294 P	P	12 10 32.7 +0.6
WAKE	Wake Island	42.15 338 P	P	12 11 03.2 0.0
TABU	Tabubil	42.16 285 P	P	12 11 04.5 +0.9
BBOO	Buckleboo	42.40 243 P	P	12 11 04.9 -0.3
BBOO			Iamb	12 11 44.2
OOD	Oodnadatta	42.51 251 P	P	12 11 07.6 +1.4
WR0	Warramunga Arr	44.22 262 P	P	12 11 19.0 -0.6
WR0			Iamb	12 11 20.5
GENI	Genyem	44.28 288 P	P	12 11 21.6 +1.6
AS01	Alice Springs	44.29 257 P	P	12 11 20.3 +0.1
AS31	Alice Springs	44.34 257 P	P	12 11 20.4 -0.1
ASAR	Alice Springs	44.34 257 P	P	12 11 20.4 +0.1
ASAR	Alice Springs	44.34 257 P	P	12 11 20.3 -0.2
ASAR			PcP	12 12 53.0 0.0
ASAR			ScP	12 15 56.0 +1.7
ASAR			S	12 17 14.1 -2.0
WB0	Warramunga Arr	44.39 262 P	P	12 11 20.3 -0.5
WB2	Warramunga Arr	44.40 262 P	P	12 11 20.3 -0.6
WB2			Iamb	12 11 21.2
WRAB	Tennant Creek	44.40 262 P	P	12 11 20.5 -0.5
WRAB			Iamb	12 11 21.1
WRA	Warramunga Arr	44.41 262 P	P	12 11 20.1 -0.9
WRA	Warramunga Arr	44.41 262 P	P	12 11 20.2 -0.9
WRA			PcP	12 12 52.9 -0.4
WRA			ScP	12 15 56.6 +2.1
HLK	Halekalala	46.22 29 P	P	12 11 35.2 +0.1
KDU	Kakadu	47.74 271 P	P	12 11 46.3 -0.1
MTN	Manton Dam	48.96 271 P	P	12 11 55.2 -0.2
MTN	Manton Dam	48.96 271 P	P	12 11 54.9 -0.6
MTN			Iamb	12 11 55.9
FORT	Forrest	49.14 247 P	P	12 11 56.3 -0.3
FORT			Iamb	12 11 57.4
DRS	Darwin Rock St	49.29 271 P	P	12 11 57.9 0.0
WRKA	Warakurra	49.29 254 P	P	12 11 57.9 0.0
GUMO	Gumau	49.59 310 P	P	12 12 01.5 +1.4
GUMO	Gumau	49.59 310 P	P	12 12 00.5 +0.4
KNRA	Kunururra	50.46 266 P	P	12 12 06.3 -0.1
KNRA			Iamb	12 12 07.0
FAKI	Fak Fak	51.28 283 P	P	12 12 12.0 -0.5
FAKI			Iamb	12 12 13.7
FITZ	Fitzroy Crossi	52.83 262 P	P	12 12 23.8 +0.2
FITZ	Fitzroy Crossi	52.83 262 P	P	12 12 23.9 +0.3
SOEI	Soe	56.29 272 P	P	12 12 49.3 +1.3
SOEI	Soe	56.29 272 P	P	12 12 49.4 +1.3
TNTI	Ternate	57.24 285 P	P	12 12 55.1 +0.7
TNTI	Ternate	57.24 285 P	P	12 12 54.7 +0.2
TNTI			Iamb	12 12 55.5
SANI	Sanana	57.37 281 P	P	12 12 55.3 0.0
PSA00	Pilbara Seismi	57.49 257 P	P	12 12 55.8 -0.2
PSA00	Pilbara Seismi	57.49 257 P	P	12 12 55.6 -0.4
PSA00			Iamb	12 12 56.3
MBWA	Marble Bar	57.67 257 P	P	12 12 58.3 +1.0
MBWA	Marble Bar	57.67 257 P	P	12 12 56.9 -0.4
KLBR	Kellerberrin	57.90 245 P	P	12 12 59.7 +1.0
SBA	Scott Base	57.94 184 P	P	12 13 00.6 +2.5
SBA			Iamb	12 13 01.5
VNDA	Vanda	57.97 185 P	P	12 12 59.7 +1.4
VNDA	Vanda	57.97 185 P	P	12 12 59.8 +1.4
MORW	Morawa	59.67 248 P	P	12 13 12.5 +1.9
TOLIZ	Tolitoli	63.39 282 P	P	12 13 34.7 +1.6
TOLIZ	Tolitoli	63.39 282 P	P	12 13 34.9 -0.2
TOLIZ			Iamb	12 13 35.8
JHJ	Hachijo jima 2	66.65 322 P	P	12 13 55.2 0.0
MYLDM	Lahad Datu	67.11 285 P	P	12 14 22.0
QSPA	South Pole Qui	69.65 180 P	P	12 14 14.0 +0.8
QSPA	South Pole Qui	69.65 180 P	P	12 14 13.8 +0.6
UGM	Wanagama	69.76 269 P	P	12 14 14.6 0.0
JOW	Kunigami	69.96 310 P	P	12 14 16.5 +1.0
JOW	Kunigami	69.96 310 P	P	12 14 15.3 -0.1
MJAR	Matsushiro Arr	70.02 324 P	P	12 14 15.4 -0.2
MAJO	Matsushiro	70.02 324 P	P	12 14 17.2 +1.5
MAJO	Matsushiro	70.02 324 P	P	12 14 15.8 +0.2
MAJO			Iamb	12 14 16.4
MJB9	Matsu-Tunnel	70.03 324 P	P	12 14 15.7 +0.1
MJB9			Iamb	12 14 16.4
AMKA	Amchitka	71.52 358 P	P	12 14 22.4 -1.6
JTM	Tenmabayashi	71.69 329 P	P	12 14 25.6 +0.3
JTM			Iamb	12 14 26.7
SBUM	Sibu	71.79 280 P	P	12 14 26.6 +0.1
KIWB	Kanaga Island	71.96 1 P	P	12 14 26.7 0.0
ADK	Adak	72.00 1 P	P	12 14 26.7 -0.1
ADK	Adak	72.00 1 P	P	12 14 26.5 -0.4
JNU	Nakatsue	72.07 317 P	P	12 14 27.7 +0.8
JNU			Iamb	12 14 28.9
JNU	Nakatsue	72.07 317 P	P	12 14 27.8 0.0
GSTR	Great Sitkin T	72.22 1 P	P	12 14 27.6 -0.6
ATKA	Atka Island	72.39 3 P	P	12 14 28.1 -1.0
SHEM	Shemya Is, Ala	73.14 355 P	P	12 14 32.5 -0.9
TWG	Pinlang	73.16 303 P	P	12 14 33.3 -0.9
TWG			Iamb	12 14 40.5
NACB	Ninganchiao	73.46 304 P	P	12 14 35.1 -0.8
NACB			Iamb	12 14 36.2
NIKH	Nikolski High	73.53 6 P	P	12 14 36.5 +0.9
NIKH	Nikolski High	73.53 6 P	P	12 14 35.3 -0.3
NIKH	Nikolski High	73.53 6 P	P	12 14 34.9 -0.7
JKA	Kamikawa-asahi	73.56 332 P	P	12 14 37.6 +1.6
JKA			Iamb	12 14 38.6
ASAJ	Asahikawa	73.56 332 P	P	12 14 37.2 +1.2
ASAJ			Iamb	12 14 38.6

SSLB	Suanglung	73.76 304 P	Iamb	12 14 36.5 -1.1
SSLB			Iamb	12 14 37.3
TPUB	Ta-pu	73.76 303 P	P	12 14 37.7 0.0
TPUB	Ta-pu	73.76 303 P	P	12 14 36.8 -0.8
UNV	Unalaska Valle	74.64 7 P	P	12 14 41.1 -0.7
UNV	Unalaska Valle	74.64 7 P	P	12 14 40.6 -1.3
AKRB	Akutan Reef Bi	74.97 7 P	P	12 14 43.1 -0.7
LVA	Lava Point	75.01 7 P	P	12 14 43.3 -0.7
YSS	Yuzh-Sakhalins	75.73 334 P	P	12 14 49.2 +1.1
YSS	Yuzh-Sakhalins	75.73 334 P	P	12 14 48.5 +0.4
FALS	False Pass	76.03 9 P	P	12 14 48.5 -1.1
PEA0B	Petrovavlovsk-	76.14 345 P	P	12 14 50.3 0.0
PETK	Petrovavlovsk-	76.14 345 P	P	12 14 49.7 -0.6
PETK	Petrovavlovsk-	76.14 345 P	P	12 14 50.1 -0.2
CHNA	Chernabura Isl	76.62 11 P	P	12 14 52.1 -0.7
KSR5	Korea Arra	76.69 319 P	P	12 14 54.6 +1.0
KSR5			Iamb	12 15 06.3
KSAR	Wonju Array Be	76.71 319 P	P	12 14 54.7 +1.0
KS19	Wonju Array Si	76.75 319 P	P	12 14 53.2 -0.9
S12K	Black Hills	77.05 9 P	P	12 14 54.5 -0.7
S12K	Black Hills	77.05 9 P	P	12 14 54.5 -0.7
S14K	Fog Glacier	78.02 11 P	P	12 15 00.4 -0.1
CHGN	Chignik	78.23 11 P	P	12 15 01.3 -0.2
CHGN			Iamb	12 15 01.9
CHGN	Chignik	78.23 11 P	P	12 15 00.9 -0.6
CHIR	Chirikof Islan	78.32 13 P	P	12 15 02.4 +0.3
CHIR	Chirikof Islan	78.32 13 P	P	12 15 02.0 0.0
SMAI	San Martin Ant	78.76 159 P	P	12 15 05.4 +1.0
SMAI			Iamb	12 15 06.3
USA0B	Ussuriysk Arra	78.78 326 P	P	12 15 05.3 +0.5
USA0B			Iamb	12 15 06.8
USRK	Ussuriysk Ar	78.78 326 P	P	12 15 06.0 +1.2
USRK			Iamb	12 15 06.3
KMRM	Mail Ridge	78.82 39 P	P	12 15 07.2 +2.0
YES	Vestal, Richgr	79.12 45 P	P	12 15 07.9 +1.1
MURC	Murrieta	79.15 48 P	P	12 15 08.5 +1.4
BFSO	Mount Baldy Ra	79.18 47 P	P	12 15 08.6 +1.3
MONP2	Monument Peak	79.31 49 P	P	12 15 09.3 +1.1
EDW2	Edwards Air Fo	79.31 47 P	P	12 15 09.4 +1.5
002D	Mt. Diablo Mer	79.34 40 Iamb	Iamb	12 15 10.7
IKP	In-Ko-Pah, Jaz	79.40 49 P	P	12 15 09.7 +1.3
ISA	Isabella, Lake	79.42 46 P	P	12 15 09.7 +1.1
BELA	Belgrano 2	79.67 173 P	P	12 15 08.8 -0.2
BELA			Iamb	12 15 09.6
NJ2	Nanjing	79.67 310 eP	Pmax	12 15 11.3 +1.5
PFO	Pinyon Flats O	79.67 48 P	P	12 15 10.8 +0.9
TPFO	Pinyon Flats	79.67 48 P	P	12 15 10.9 +0.9
AFDM	Forest Hills D	79.71 42 P	P	12 15 10.8 +0.8
ORV	Oroville	79.75 41 P	P	12 15 10.9 +0.9
OHAK	Old Harbor	80.12 13 Iamb	Iamb	12 15 12.5
OHAK			Iamb	12 15 11.7 +0.2
CWC	Cottonwood Cre	80.13 45 P	P	12 15 13.7 +1.4
R18K	Karluk	80.19 13 P	P	12 15 11.7 -0.1
BELC	Belle Mtn. Jos	80.20 48 P	P	12 15 13.7 +1.0
MPMC	Manual Prospec	80.31 46 P	P	12 15 14.2 +0.9
MDJ	Mudanjiang	80.33 325 P	P	12 15 13.5 +0.5
MDJ			Pmax	12 15 13.9
MDJ			Pmax	12 15 14.9
MDJ			Iamb	12 15 13.9 +0.9
MDJ			Iamb	12 15 14.9
GSC	Goldstone, Bar	80.35 47 P	P	12 15 14.3 +0.9
YBH	Yreka Blue Hor	80.35 39 Iamb	Iamb	12 15 15.6
HEC	Hecker Ludlow	80.42 47 P	P	12 15 14.7 +0.9
WAKR	Walker	80.42 43 P	P	12 15 15.1 +1.2
MPK	Martis Peak	80.51 42 Iamb	Iamb	12 15 16.4
GLA	Glamis	80.53 50 P	P	12 15 15.6 +1.3
HATC	Hat Creek Radi	80.54 40 P	P	12 15 15.6 +1.4
HATC			Iamb	12 15 16.5
Q17K	Contact Creek	80.56 12 P	P	12 15 13.5 -0.4
ANCK	Angle Creek	80.56 12 Iamb	Iamb	12 15 14.5
O14K	Tiguykaulet M	80.59 9 P	P	12 15 13.6 -0.3
PNTR	Pine Nut	80.66 42 P	P	12 15 16.4 +1.3
PNTR			Iamb	12 15 17.2
O15K	Ungalikthiuk R	80.73 9 P	P	12 15 14.3 -0.4
HUMO	Hull Mountain	80.75 38 P	P	12 15 16.8 +1.5
HUMO			Iamb	12 15 17.8
KDAK	Kodiak Island	80.78 14 P	P	12 15 15.0 0.0
KDAK			Iamb	12 15 15.2 +0.3
Q16K	King Salmon	80.79 11 P	P	12 15 14.9 -0.1
YERR	Yerington	80.83 43 Iamb	Iamb	12 15 17.8
GMRC	Granite Mounta	80.86 4		

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SPR3, U15A, GAMB, L18K, L18K, D05A, M19K, M19K, M19K, WUJZ, WUJZ, K17K, K17K, L19K, L19K, L19K, RC01, RC01, M20K, M20K, SUA, SUA, J16K, J16K, KAIM, G08A, G08A, GLI, GLI, SKT, SKT, L20K, FID, EYAK, EYAK, EYAK, J17K, J17K, L27K, M22K, M22K, E07A, E07A, MTPU, MTPU, KNK, KNK, PMR, PMR, PMR, HAWA, HAWA, HEH, HEH, MVU, V35K, V35K, U33K, U33K, U33K, J18K, J18K, HNS, HNS, SML, SML, 121A, MFID, CUT, CUT, M23K, BMRM, BMRM, S31K, WAX, WAX, PPLA, LYN, LYN, MESA, SCM, K20K, K20K, KLU, KLU, H16K, H16K, BJI, BJI, BJI, CRQM, SRIT, CRQE, WRAK, WRAK, D08A, YAH.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like YAH, TGL, ISLE, ENH, G15K, E09A, E09A, PNL, PINM, VRDI, CAST, N25K, N25K, GRNC, TNA, TNA, TNA, F14K, M24K, M24K, GLB, GLB, WAT6, WAT1, H17K, MCARA, MCARA, MCARA, PLID, B08A, P29M, P29M, P29M, COYC, LOGN, J20K, J20K, CTG, CTG, CTGM, KTH, KTH, G16K, HLID, CHUM, F15K, C09A, C09A, O28M, HARP, O29M, O29M, PLBC, H18K, DHY, G17K, ELIB, VHRN, BPAW, MNTX, I20K, I20K, I20K, T35M, MCK, MCK, P30M, SKAG, SKAG, SKAG, PAX, PAX, TCUT, YUK8, M26K, M26K, M26K, TXAR, YUK6, BWN, S34M, S34M, S34M, H19K, H19K, H19K, H19K, YUK3, G18K, HYT, HYT, HYT, M27K, M27K, MENT.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MENT, NEW, YUK4, H20K, ANMO, ANMO, F17K, F17K, F17K, L26K, L26K, L26K, P32M, P32M, P32M, Q32M, Q32M, I21K, K24K, NEA2, NEA2, O30N, O30N, MLY, MLY, G19K, G19K, WRH, TROLL, F18K, XAN, XAN, HDA, H21K, H21K, H21K, CCB, L27K, L27K, N30M, N30M, N30M, N30M, DLBC, DLBC, DLBC, E17K, IMAR, I23K, I23K, COLA, COLA, COLA, SCRK, SCRK, VNA3, IL31, IL31, ILAR, F19K, F19K, F19K, P33M, P33M, M29M, N31M, R33M, R33M, R33M, H22K, MSO, J25K, J25K, POKR, POKR, BPMT, E18K, D17K, SNOW, G21K, G21K, VNA2, H23K, H23K, H23K, IMW, IMW, K27K, K27K, K27K, J26L, F20K.

F20K	comp=Z,12nm,0.8s	Iamb	Iamb	12 15 54.8	I29M	Ogilvie Camp,	90.76	16	P	Iamb	Iamb	12 16 02.8 -0.3	STRU	Stroomstad	140.83	352	iP	PKPpre	12 22 19.4	
F20K	Avaarakt Lake	88.81	9	P	P	12 15 53.7 -0.2	I29M	comp=Z,5.8nm,0.8s				12 16 03.2	TJOU	Tjoern	141.75	352	iP	PKPpre	12 22 22.4	
VNA1	Neumier-Stat	88.91	177	↑P	P	12 15 53.6 -0.9	I29M	Ogilvie Camp	90.76	16	P	P	12 16 02.8 -0.3	HOMB	Homborsund	141.88	354	iP	PKPpre	12 22 22.8
RDOG	Red Dog Mine	88.93	6	P	P	12 15 54.6 +0.1	G26K	Porcupine River	90.81	13	P	P	12 16 03.5 +0.4	SNART	Snartemo	141.92	355	iP	PKPpre	12 22 23.9
RDOG	comp=Z,10.0nm,0.9s	Iamb	Iamb	12 15 56.0	E24K	Your Creek	90.89	11	Iamb	Iamb	Iamb	12 16 05.7	BORU	Boraas	141.96	350	iP	PKPpre	12 22 22.1	
RDOG	Red Dog Mine	88.93	6	P	P	12 15 55.2 +0.7	E24K	comp=Z,7.2nm,1.3s	90.89	11	P	P	12 16 03.8 +0.2	FABU	Falkenberg	142.58	350	iP	PKPpre	12 22 24.8
C16K	Lisburne Hills	88.94	5	P	P	12 15 54.3 -0.2	C21K	Knifblade Rid	90.91	8	P	P	12 16 04.0 +0.3	MCD	Coleburn Disti	142.70	4	eP	PKPpre	12 22 25.9
C16K	baz=192	Iamb	Iamb	12 15 55.4	D22K	Mount Dempster	90.94	9	P	P	P	12 16 04.3 +0.4	KPL	Plockton	142.72	7	eP	PKPpre	12 22 26.3	
M30M	Minto, Yukon	88.95	18	P	P	12 15 55.1 +0.3	C21K	baz=202,SNR=8	90.94	9	P	P	12 16 04.3 +0.4	AKASG	Malin Array Be	142.84	331	PKhKp	PKPpre	12 22 26.4
M30M	Minto, Yukon	88.95	18	P	P	12 15 55.1 +0.3	D22K	Ayiklay River	90.94	9	P	P	12 16 04.3 +0.4	AKASG	comp=Z,0.4nm,0.3s, baz=40, slow=2.7, SNR=6.0					
FLWY	Flagg Ranch	88.97	42	Iamb	Iamb	12 15 57.7	F25K	Christian River	90.99	12	P	P	12 16 04.5 +0.4	KIEV	Kiev	142.85	331	↑P	PKPpdf	12 22 26.7 -3.3
E19K	Redstone River	88.99	8	P	P	12 15 55.0 +0.2	BMAR	Burnt Mountain	91.06	12	P	P	12 16 05.0 +0.6	DEL	Delv	142.89	349	iP	PKPpdf	12 22 26.0 -3.9
N32M	Quiet Lake	88.99	20	P	P	12 15 55.9 +0.9	I30M	Mount Dempster	91.15	16	Iamb	Iamb	12 16 05.8	MUD	Monsted Ugrnd	143.59	353	iP	PKPab	12 22 27.7 -1.2
N32M	comp=Z,9.0nm,0.8s	Iamb	Iamb	12 15 56.6	G27K	Doyon Strip	91.15	14	P	P	P	12 16 05.0 0.0	SHEL	Shore Pasture	143.10	188	PKPpdf	PKPpdf	12 22 31.1 -0.5	
N32M	Quiet Lake	88.99	20	P	P	12 15 55.5 +0.5	G27K	comp=Z,7.6nm,1.5s	91.15	14	P	P	12 16 04.9 +0.1	LODK	Lodwar	143.19	247	PKPpdf	PKPpdf	12 22 31.1 -0.8
L29M	L29M	89.00	17	P	P	12 15 55.5 +0.5	G27K	Doyon Strip	91.15	14	P	P	12 16 04.9 +0.1	BJUU	Bjuv	143.41	349	iP	PKPab	12 22 27.4 -1.7
L29M	L29M	89.00	17	P	P	12 15 55.7 +0.7	TOLK	Toolik Lake Re	91.21	10	P	P	12 16 05.3 +0.2	DRUM	Mains of Drumt	143.42	4	eP	PKPab	12 22 28.4 -0.8
H24K	Noodor Dome	89.02	12	P	P	12 15 53.4 -1.6	TOLK	Toolik Lake Re	91.21	10	P	P	12 16 05.3 +0.2	ARRP	Arappi-MALATY	143.53	309	PKPpdf	PKPpdf	12 22 31.5 -0.3
H24K	Noodor Dome	89.02	12	P	P	12 15 53.2 -1.9	D23K	Nanushuk River	91.33	10	P	P	12 16 05.8 +0.2	LUNU	Lund	143.76	349	iP	PKPab	12 22 29.2 -1.2
BW06	Boulder Array	89.04	43	P	P	12 15 56.1 +0.2	B21K	Ikkipuk River	91.36	8	Iamb	Iamb	12 16 06.2	INVG	Invergeldie, C	143.78	5	eP	PKPbc	12 22 30.0 -0.5
PD31	Pinedale Array	89.04	43	P	P	12 15 56.4 +0.4	B21K	Ikkipuk River	91.36	8	P	P	12 16 05.6 0.0	LAWL	Loch Awe, Argy	143.81	7	eP	PKPbc	12 22 30.0 -0.6
PD31	comp=Z,5.0nm,0.7s	Iamb	Iamb	12 15 57.0	F26K	Sheenjek River	91.37	12	P	P	P	12 16 06.2 +0.4	COP	Copenhagen	143.89	350	iP	PKPbc	12 22 30.3 -0.5	
PDAR	Pinedale Array	89.04	43	P	P	12 15 56.4 +0.4	B20K	Meade River	91.47	7	P	P	12 16 05.6 -0.2	EDD	Edmundbyers	145.25	7	eP	PKPbc	12 22 30.3 -0.5
KMI	Kunming	89.13	297	↑P	pmax	12 15 57.5 +0.8	H29M	Whitestone	91.43	15	P	P	12 16 06.2 +0.1	PJRM	Purman	145.30	337	↑P	PKPbc	12 22 30.7 +0.2
HHC	Hu-ho-hao-te	89.15	314	eP	pmax	12 15 58.8 +2.5	E25K	Arctic Village	91.46	12	P	P	12 16 06.7 +0.4	BZK	Bozkurt	145.37	316	↑P	PKPbc	12 22 30.3 +0.5
HHC	comp=Z,8.0nm,0.7s	pmax	pmax				E25K	comp=Z,7.0nm,1.4s	91.46	12	P	P	12 16 06.7 +0.4	BNN	Bunyan	145.42	310		PKPbc	12 22 30.5 +0.2
BOZ	Bozeman (W)	89.16	40	Iamb	Iamb	12 15 58.2	E25K	Arctic Village	91.46	12	P	P	12 16 06.6 +0.4	EDMD	Edmundbyers	145.52	4	eP	PKPbc	12 22 30.5 +0.4
BOZ	Bozeman (W)	89.16	40	P	P	12 15 57.2 +1.0	D24K	Happy Valley	91.79	10	Iamb	Iamb	12 16 08.9	MILM	Milestii Mici	145.61	327	↑P	PKPbc	12 22 31.1 -0.3
PRP	Porcupine Dome	89.22	13	P	P	12 15 55.7 -0.4	E24K	Happy Valley	91.79	10	P	P	12 16 08.3 +0.6	MILM	Milestii Mici	145.61	327	↑P	PKPbc	12 22 35.5 +0.6
PRP	Porcupine Dome	89.22	13	P	P	12 15 55.1 -1.0	EPYK	Eagle Plains	91.96	16	P	P	12 16 08.3 -0.3	IOMK	Kirk Michael	145.87	7	eP	PKPbc	12 22 36.0 -0.9
CRAI	Chiangrai	89.29	292	Iamb	Iamb	12 15 59.4	D24K	Happy Valley	91.79	10	P	P	12 16 08.3 +0.6	BSEB	Bad Segeberg	145.91	351	ePKPbc	PKPbc	12 22 36.9 -0.1
F21K	Alatina River	89.30	9	Iamb	Iamb	12 15 56.8	EPYK	comp=Z,9.9nm,1.2s	91.96	16	P	P	12 16 08.3 -0.3	HPK	Halvora Pacha	146.41	4	eP	PKPbc	12 22 38.0 -0.4
F21K	Alatina River	89.30	9	P	P	12 15 55.6 -0.6	G29M	Pine Creek	92.07	15	Iamb	Iamb	12 16 09.8	WLF1	Wlynfates	146.42	335	PKPbc	PKKIP	12 22 39.9 -0.9
C17K	DeLong Mountai	89.31	5	P	P	12 15 56.1 -0.2	G29M	Pine Creek	92.07	15	P	P	12 16 09.8	BR131	Breskinn Array S	146.63	312		PKPbc	12 22 39.5 -0.2
G22K	Bettles	89.34	10	P	P	12 15 56.3 0.0	C23K	Iktilik River	92.12	9	P	P	12 16 09.4 +0.2	BRTR	Breskinn Array S	146.63	312		PKPbc	12 22 39.5 -0.2
M31M	Drury Creek, Y	89.38	19	Iamb	Iamb	12 15 57.5	C23K	Iktilik River	92.12	9	P	P	12 16 09.4 +0.2	BRTR	Breskinn Array S	146.63	312	PKPbc	PKPbc	12 22 39.0 -0.7
M31M	Drury Creek, Y	89.38	19	P	P	12 15 56.4 -0.3	H31M	Peel River	92.14	17	P	P	12 16 09.1 -0.4	BRTR	comp=Z,9.6nm,0.7s, baz=138, slow=2.9, SNR=4.3					
G23K	Banza Creek	89.40	11	P	P	12 15 56.7 -0.1	B22K	Teshepkuk Lake	92.19	8	P	P	12 16 09.1 -0.4	DSB	Dublin	146.63	9	PKPbc	PKPbc	12 22 38.7 -0.3
G23K	comp=Z,8.6nm,1.1s	Iamb	Iamb	12 15 57.8	B22K	Teshepkuk Lake	92.19	8	P	P	12 16 09.2 -0.2	GORT1	Trebe	146.66	350	ePKPbc	PKPbc	12 22 39.4 +0.4		
G23K	Banza Creek	89.40	11	P	P	12 15 56.5 -0.3	F28M	Old Crow	92.21	14	P	P	12 16 09.4 -0.3	VLDK	Vladesti	146.69	326	↑P	PKPbc	12 22 39.9 +0.6
DAWY	Dawson	89.44	16	P	P	12 15 57.3 +0.3	E27K	Coleen River	92.31	13	P	P	12 16 10.5 +0.3	TLCR	TLCR	146.72	324	↑P	PKPbc	12 22 39.9 -0.3
DAWY	Dawson	89.44	16	P	P	12 15 57.3 +0.3	C24K	Franklin Bluff	92.32	10	P	P	12 16 10.3 +0.2	WLF1	Wlynfates	146.84	7	eP	PKPbc	12 22 38.5 -1.1
SDCO	Great Sand Dun	89.46	49	P	P	12 15 58.7 +0.6	D25K	Kavik River	92.36	11	P	P	12 16 10.0 -0.4	SCTR	Scantestry	146.85	326	↑P	PKPbc	12 22 39.9 0.0
LYMT	Lyon Mountain	89.47	39	P	P	12 15 58.3 +0.5	G30M	Aoch Zraii Nji	92.56	15	P	P	12 16 11.0 -0.4	BRUR	Buruvocina Array	146.89	331	PKPbc	PKPbc	12 22 40.5 +0.5
PLCA	Paso Flores	89.48	134	P	P	12 15 58.9 +1.0	G30M	Aoch Zraii Nji	92.56	15	P	P	12 16 11.0 -0.4	GHRR	Guaruvocina Array	146.89	330	↑P	PKPbc	12 22 40.6 +0.5
I26K	Coal Creek Min	89.55	14	Iamb	Iamb	12 15 58.5	A22K	Sinclair Lake	92.61	7	P	P	12 16 11.3 0.0	LBWR	Ladybowyer, Pea	146.96	4	eP	PKPbc	12 22 39.1 -0.8
I26K	Coal Creek Min	89.55	14	P	P	12 15 57.5 0.0	G31M	Satah River	93.01	16	P	P	12 16 13.1 -0.2	TESR	Tescani	146.98	328	↑P	PKPbc	12 22 40.2 +0.2
EGAK	Eagle	89.58	15	P	P	12 15 57.7 +0.1	E28M	Babbage River	93.09	13	Iamb	Iamb	12 16 13.8 +0.1	MSGR	Monsieur	147.00	301	↑P	PKPbc	12 22 40.7 +0.5
EGAK	Eagle	89.58	15	P	P	12 15 57.7 +0.1	C27K	Jago River	93.10	11	P	P	12 16 13.7 -0.1	OJC	Ojcow	147.01	339	ePKP	PKPbc	12 22 39.9 -0.3
C18K	Utukok River	89.67	6	P	P	12 15 57.8 -0.2	F30M	Barrier River	93.16	15	P	P	12 16 13.6 -0.4	OJC	Ojcow	147.01	339	ePKP	PKPbc	12 22 40.2 +0.1
C18K	comp=Z,9.7nm,1.1s	Iamb	Iamb	12 15 58.6	F31M	Tsigichtic	93.54	16	P	P	P	12 16 15.6 -0.1	CFR	Caraliui	147.10	325	↑P	PKPbc	12 22 40.8 +0.1	
K29M	Barlow Dome	89.75	17	P	P	12 15 59.0 +0.5	F31M	Tsigichtic	93.54	16	P	P	12 16 15.6 -0.1	TPGR	Topolog	147.15	324	↑P	PKPbc	12 22 40.8 +0.1
F22K	John River	89.76	10	P	P	12 15 58.5 +0.1	F31M	Tsigichtic	93.54	16	P	P	12 16 15.6 -0.1	KOLS	Kolonicec sedl	147.15	335	ePKP	PKPbc	12 22 40.9 +0.3
H25L	Birch Creek	89.81	13	P	P	12 15 57.9 -0.6	INK	Inuvik	94.25	15	P	P	12 16 18.5 -0.4	ANTO	Ankara	147.15	331	↑P	PKPbc	12 22 41.1 +0.1
MSTX	Muleshoe	89.83	54	P	P	12 15 59.4 -0.2	INK	comp=Z,8.3nm,1.1s	94.25	15	P	P	12 16 18.5 -0.4	ANTO	Ankara	147.15	331	↑P	PKPbc	12 22 41.0 0.0
COLD	Coldfoot	89.83	11	P	P	12 15 58.9 +0.2	INK	Inuvik	94.25	15	P	P	12 16 18.5 -0.4	STHS	Stebnicka Huta	147.16	336	ePKP	PKPbc	12 22 41.0 -0.5
G24K	Hadzenczic Riv	89.86	12	P	P	12 15 58.5														

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBL Observatory Le, SBLH Steaming Bluff, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ST4N, ST4, TMTI Ternate, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like KRHX Kereru, DREZ Durham Road, WNVZ Wahianoa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like G003 Copiap, G003 Copiap, G003 Copiap, etc.

O18K	Koktuh Hills	4.69 325	P	Pn	14 39 09.5 +0.5
KAIM	Kayak Island	4.79 35	P	Pn	14 39 10.0 -0.2
KAYK	Kayak Island	4.79 35	P	Pn	14 39 10.5 +0.3
EYAK	Cordova Ski Ar	4.94 24	P	Pn	14 39 12.3 +0.1
EYAK	Cordova Ski Ar	4.94 24	P	Pn	14 39 12.3 +0.1
FID	Port Fidalgo	4.97 20	P	Pn	14 39 12.6 -0.2
FID	Port Fidalgo	4.97 20	P	Pn	14 40 13.8
GLI	Glacier Island	4.99 16	IAML	Pn	14 40 19.8
GLI	Glacier Island	4.99 16	IAML	Pn	14 39 13.0 +0.1
GLI	Glacier Island	4.99 16	IAML	Pn	14 40 16.9
GLI	Glacier Island	4.99 16	IAML	Pn	14 40 25.4
GLI	Glacier Island	4.99 16	P	Pn	14 39 12.8 -0.1
RAGM	Ragged Mountai	5.08 31	Pn	Pn	14 39 14.5 +0.2
SUCK	Suckling Hills	5.11 37	IAML	Pn	14 39 14.6 -0.1
SUCK	Suckling Hills	5.11 37	IAML	Pn	14 40 31.4
SUCK	Suckling Hills	5.11 37	IAML	Pn	14 40 39.6
HMT	Hamilton	5.16 33	Pn	Pn	14 39 15.7 +0.3
NICHA	Nichawak Mount	5.17 35	Pn	Pn	14 39 15.6 +0.1
SPU	Mount Spurr	5.20 348	IAML	Pn	14 39 16.0 +0.1
SPU	Mount Spurr	5.20 348	IAML	Pn	14 41 26.4
GOAT	Goat Mountain	5.23 29	Pn	Pn	14 39 16.5 +0.2
P16K	Nushagak River	5.25 307	P	Pn	14 39 17.9 +1.4
P16K	Nushagak River	5.25 307	P	Pn	14 39 17.9 +1.4
N19K	Bonanza Creek	5.29 335	Pn	Pn	14 39 17.2 +0.1
N19K	Bonanza Creek	5.29 335	Pn	Pn	14 39 17.2 +0.1
O17K	Koliganek Bris	5.31 317	Pn	Pn	14 39 18.0 +0.7
O17K	Koliganek Bris	5.31 317	Pn	Pn	14 39 18.0 +0.7
S14K	Fog Glacier	5.41 276	P	Pn	14 39 18.4 -0.4
VNFG	Fog Glacier, M	5.41 276	P	Pn	14 39 18.4 -0.4
GRIN	Grindline Hills	5.42 37	Pn	Pn	14 39 19.2 +0.3
STLK	Strandline Lak	5.49 350	Pn	Pn	14 39 19.8 -0.1
SNH	Sunshine Point	5.51 40	Pn	Pn	14 39 20.1 -0.1
N18K	Klæa Creek	5.55 328	Pn	Pn	14 39 21.1 +0.3
N18K	Klæa Creek	5.55 328	Pn	Pn	14 39 21.1 +0.3
KHIT	Khitrov Hills	5.56 36	Pn	Pn	14 39 20.8 -0.1
BMRM	Bremner River	5.58 27	Pn	Pn	14 39 21.5 +0.3
BMRM	Bremner River	5.58 27	Pn	Pn	14 39 21.5 +0.3
O16K	Kokwok River B	5.60 312	P	Pn	14 39 22.1 +0.9
O16K	Kokwok River B	5.60 312	P	Pn	14 39 22.1 +0.9
CNBA	Chernabura Isl	5.68 261	Pn	Pn	14 39 22.6 +0.2
GHO	Glory Hole Cre	5.69 5	Pn	Pn	14 39 23.3 +0.7
WAX	Waxell Ridge	5.70 38	Pn	Pn	14 39 22.2 -0.6
SML	Sawmill	5.76 7	Pn	Pn	14 39 24.1 +0.6
SML	Sawmill	5.76 7	Pn	Pn	14 39 24.1 +0.6
KLU	Klutina	5.76 19	Pn	Pn	14 39 24.1 +0.5
KLU	Klutina	5.76 19	Pn	Pn	14 39 24.1 +0.5
BARK	Barkley Ridge	5.79 39	Pn	Pn	14 39 23.9 -0.2
CROM	Cirque	5.84 34	Pn	Pn	14 39 25.0 +0.2
CRQC	Cirque	5.85 35	Pn	Pn	14 39 24.9 0.0
N17K	Nushagak Hills	5.86 322	Pn	Pn	14 39 25.5 +0.6
N17K	Nushagak Hills	5.86 322	Pn	Pn	14 39 25.4 +0.6
SCM	Sheep Creek Mo	5.88 12	Pn	Pn	14 39 26.2 +1.0
SCM	Sheep Creek Mo	5.88 12	Pn	Pn	14 39 26.2 +1.0
TGL	Tana Glacier	5.94 36	Pn	Pn	14 39 25.8 -0.3
SKT	Skwentna	5.94 352	Pn	Pn	14 39 26.2 +0.2
SKT	Skwentna	5.94 352	Pn	Pn	14 39 26.1 +0.1
YAH	Yahste	6.04 42	Pn	Pn	14 39 27.6 +0.1
VRDI	Verde Repeater	6.12 31	Pn	Pn	14 39 28.6 0.0
N25K	Chitina, Valde	6.14 24	Pn	Pn	14 39 29.5 +0.6
N25K	Chitina, Valde	6.14 24	Pn	Pn	14 39 28.6 -0.2
GLB	Gilahina Bait	6.19 28	Pn	Pn	14 39 30.5 +0.9
M18K	Stony River	6.20 333	Pn	Pn	14 39 29.5 -0.1
M18K	Stony River	6.20 333	Pn	Pn	14 39 29.5 -0.1
KIAG	Kiagna River	6.21 36	Pn	Pn	14 39 29.6 -0.3
SAMH	Samovar Hills	6.27 46	Pn	Pn	14 39 31.5 +0.9
GRNC	Granite Creek	6.29 39	Pn	Pn	14 39 30.4 -0.6
M24K	Toisona, Glenn	6.29 16	Pn	Pn	14 39 31.7 +0.8
M24K	Toisona, Glenn	6.29 16	Pn	Pn	14 39 31.7 +0.8
BALM	Baldy	6.30 36	Pn	Pn	14 39 30.9 -0.2
MCARA	McCarthy VSAT	6.36 31	Pn	Pn	14 39 32.3 +0.5
MCARA	McCarthy VSAT	6.36 31	Pn	Pn	14 39 32.3 +0.5
PTPK	Patty Peak	6.38 34	Pn	Pn	14 39 32.5 +0.3
N16K	Nishlik Lake	6.40 317	Pn	Pn	14 39 33.7 +1.4
N16K	Nishlik Lake	6.40 317	Pn	Pn	14 39 33.7 +1.4
PCA	Pinnacle	6.47 48	Pn	Pn	14 39 33.6 +0.3
PINM	Pinnacle	6.47 48	Pn	Pn	14 39 33.6 +0.3
M17K	Holitna River	6.59 327	Pn	Pn	14 39 35.3 +0.4
M17K	Holitna River	6.59 327	Pn	Pn	14 39 35.8 +0.9
L19K	White Mountain	6.59 339	Pn	Pn	14 39 35.0 +0.1
L19K	White Mountain	6.59 339	Pn	Pn	14 39 35.2 +0.2
CTG	Chitna Glacier	6.59 39	Pn	Pn	14 39 35.2 +0.1
CTGM	Chitina Glacie	6.60 39	Pn	Pn	14 39 35.0 -0.2
PNL	Peninsula	6.62 53	Pn	Pn	14 39 35.6 +0.3
PNL	Peninsula	6.62 53	Pn	Pn	14 39 35.6 +0.3
LOGN	Logan Glacier	6.62 41	Pn	Pn	14 39 35.4 -0.1
BCPM	Bancas Point	6.65 51	Pn	Pn	14 39 36.5 +0.7
PSIA	Pavlov South-1	6.73 269	Pn	Pn	14 39 36.5 -0.4
HARP	HAARP	6.74 19	Pn	Pn	14 39 37.9 +0.9
HARP	HAARP	6.74 19	Pn	Pn	14 39 37.9 +0.9
N15K	Kwethluk River	6.76 311	Pn	Pn	14 39 39.3 +2.0
N15K	Kwethluk River	6.76 311	Pn	Pn	14 39 39.2 +2.0
M16K	Timber Creek	6.83 320	Pn	Pn	14 39 38.7 +0.5
M16K	Timber Creek	6.83 320	Pn	Pn	14 39 38.7 +0.5
O14K	Tiguykaiuvet M	6.89 302	Pn	Pn	14 39 38.8 +0.1
O14K	Tiguykaiuvet M	6.89 302	Pn	Pn	14 39 38.8 +0.1
O28M	Mount Upton	6.89 43	Pn	Pn	14 39 39.4 +0.1
O28M	Mount Upton	6.89 43	Pn	Pn	14 39 39.4 +0.1
L18K	Granite Mounta	7.04 333	Pn	Pn	14 39 40.7 -0.4
DHY	Denali Highway	7.09 9	Pn	Pn	14 39 43.5 +1.6
DHY	Denali Highway	7.09 9	Pn	Pn	14 39 42.4 +0.6
PAX	Paxson	7.22 16	Pn	Pn	14 39 44.3 +0.6
PAX	Paxson	7.22 16	Pn	Pn	14 39 44.3 +0.6
O29M	Mount Kennedy	7.29 50	Pn	Pn	14 39 44.6 0.0
O29M	Mount Kennedy	7.29 50	Pn	Pn	14 39 44.6 0.0
M15K	Kasigluk River	7.29 313	Pn	Pn	14 39 44.9 +0.3
M15K	Kasigluk River	7.29 313	Pn	Pn	14 39 44.9 +0.3
P29M	Windy Craggy	7.36 56	Pn	Pn	14 39 45.5 -0.1
P29M	Windy Craggy	7.36 56	Pn	Pn	14 39 45.5 -0.1
CAST	Castle Rocks	7.40 352	Pn	Pn	14 39 46.6 +0.5
M27K	Edge Creek, AK	7.47 30	Pn	Pn	14 39 48.0 +0.9
L16K	Owhat River	7.48 322	Pn	Pn	14 39 47.5 +0.3
L16K	Owhat River	7.48 322	Pn	Pn	14 39 47.5 +0.3
S31K	Pelican	7.67 70	Pn	Pn	14 39 48.0 -1.6
S31K	Pelican	7.67 70	Pn	Pn	14 39 48.0 -1.6
M14K	Bethel	7.85 311	Pn	Pn	14 39 54.1 +1.9
K17K	Iditarod	7.88 330	Pn	Pn	14 39 52.3 -0.3
K17K	Iditarod	7.88 330	Pn	Pn	14 39 52.8 +0.2

PLBC	Pleasant Camp	7.95 60	P	Pn	14 39 53.8 +0.2
PLBC	Pleasant Camp	7.95 60	P	Pn	14 39 53.8 +0.2
BYW	Haines Junction	8.01 49	Pn	Pn	14 39 53.2 -1.3
HPAT	Bear Paw Mtn.	8.02 356	Pn	Pn	14 39 55.2 +0.7
BPAW	Bear Paw Mtn.	8.02 356	Pn	Pn	14 39 55.2 +0.7
BCAR	Beaver Creek A	8.07 27	Pn	Pn	14 39 56.1 +0.8
J19K	Dall Lake	8.30 307	Pn	Pn	14 39 58.3 0.0
J20K	Novinta River	8.35 347	Pn	Pn	14 39 59.2 +0.1
J19K	Poorman	8.40 342	Pn	Pn	14 39 58.5 -1.2
SCRK	Sand Creek	8.41 18	Pn	Pn	14 39 59.8 -0.1
S32K	Killisnoo	8.51 75	Pn	Pn	14 39 59.8 -1.4
S32K	Killisnoo	8.51 75	Pn	Pn	14 39 59.8 -1.4
N30M	Aishikik Lake	8.52 46	Pn	Pn	14 40 01.6 +0.2
N30M	Aishikik Lake	8.52 46	Pn	Pn	14 40 01.6 +0.2
K15K	Wolf Creek Mou	8.59 321	Pn	Pn	14 40 03.4 +1.9
M29M	Somme Creek	8.61 38	Pn	Pn	14 40 03.2 +0.5
M29M	Somme Creek	8.61 38	Pn	Pn	14 40 03.2 +0.5
CCB	Clear Creek Bu	8.61 6	Pn	Pn	14 40 03.9 +1.3
IL31	Ilar	8.80 8	Pn	Pn	14 40 06.8 +1.7
ILAR	Eielson Array	8.80 8	Pn	Pn	14 40 07.3 +2.1
ILAR	Eielson Array	8.80 8	Pn	Pn	14 40 06.2 +1.0
ILAR	Eielson Array	8.80 8	Pn	Pn	14 40 06.2 +1.0
ILAR	Eielson Array	8.80 8	Pn	Pn	14 41 39.0 -5.3
ILAR	Eielson Array	8.80 8	Pn	Pn	14 43 41.5
MDM	Mudny Dome	8.90 5	Pn	Pn	14 40 08.5 +1.9
MDM	Mudny Dome	8.90 5	Pn	Pn	14 40 08.1 +0.8
J26L	Joseph Creek	8.96 18	Pn	Pn	14 40 08.4 +0.9
J26L	Joseph Creek	8.96 18	Pn	Pn	14 40 08.4 +0.9
J16K	Anvik River	8.98 327	Pn	Pn	14 40 08.1 +0.4
J16K	Anvik River	8.98 327	Pn	Pn	14 40 08.1 +0.4
I23K	Minto, Yukon-K	9.06 1	Pn	Pn	14 40 09.4 +0.7
WHY	Whitehorse	9.08 54	Pn	Pn	14 40 09.0 -0.2
L29M	Atlin	9.28 61	Pn	Pn	14 40 11.3 +0.5
P32M	Atlin	9.28 61	Pn	Pn	14 40 11.2 -0.7
P32M	Atlin	9.28 61	Pn	Pn	14 40 11.7 -0.2
M30M	Minto, Yukon	9.29 41	Pn	Pn	14 40 12.1 +0.2
I33K	Whale Pass	9.36 83	Pn	Pn	14 40 10.4 -2.5
I33K	Whale Pass	9.36 83	Pn	Pn	14 40 10.4 -2.5
DAWY	Dawson	9.52 29	Pn	Pn	14 40 15.3 +0.2
H21K	Melozitna Rive	9.67 353	Pn	Pn	14 40 15.9 -1.2
H21K	Melozitna Rive	9.67 353	Pn	Pn	14 40 18.0 +0.9
EGAK	Eagle	9.68 23	Pn	Pn	14 40 18.6 +1.4
H24K	Noodor Dome	9.79 5	Pn	Pn	14 40 19.4 +0.5
P33M	Teslin, Yukon	9.89 59	Pn	Pn	14 40 20.2 0.0
P33M	Teslin, Yukon	9.89 59	Pn	Pn	14 40 19.9 -0.3
K29M	Barlow Dome	9.89 34	Pn	Pn	14 40 20.1 -0.2
K29M	Barlow Dome	9.89 34	Pn	Pn	14 40 21.1 +0.8
M31M	Dru Creek, Y	10.00 46	Pn	Pn	14 40 20.1 -1.6
IMAR	Indian Mountai	10.07 351	Pn	Pn	14 40 23.4 +0.9
I28M	Miner Creek	10.52 23	Pn	Pn	14 40 31.2 +2.4
R33M	Jennings River	10.61 64	Pn	Pn	14 40 30.6 +0.5
G23K	Bananza Creek	10.62 360	Pn	Pn	14 40 32.0 +1.8
J30M	Hart River	10.78 35	Pn	Pn	14 40 34.6 +2.1
N17K	Dease Lake	10.99 70	Pn	Pn	14 40 37.5 +2.4
DLBC	Dease Lake	10.99 70	Pn	Pn	14 40 37.5 +2.4
F21K	Alatina River	11.27 353	Pn	Pn	14 40 39.2 +0.3
G29M	Pine Creek	12.18 23	Pn	Pn	14 40 53.9 +2.4
G31M	Satah River	13.09 28	Pn	Pn	14 41 05.0 +1.2
BBB	Bella Bella	13.33 98	LR	Pn	14 44 38.3
INX	Inuvik	14.33 25	Pn	Pn	14 41 21.7 +1.0
INX	Inuvik	14.33 25	Pn	Pn	14 41 21.7 +1.0
YKA	Yellowknife Ar	18.90 56	Pn	Pn	14 42 16.3 -2.2
YKA	Yellowknife Ar	18.90 56	Pn	Pn	14 42 20.2 +1.1
YKA	Yellowknife Ar	18.90 56	Pn	Pn	14 49 37.3
A36M	Sachs Harbour	18.96 24	P	Pn	14 42 20.3 +0.7
LTY	Liberty	20.03 104	P	P	14 42 27.5 -3.5
SHEM	Shemya Is, Ala	21.07 276	LR	P	14 50 28.3
NEW	Newport	21.39 98	P	Pn	14 42 47.8 +2.1
NEW	Newport	21.39 98	P	Pn	14 42 47.8 +2.1
NEW	Newport	21.39 98	P	Pn	14 49 44.0
YBH	Yreka Blue Hor	22.73 118	LR	Pn	14 49 45.3
ELK	Elko	27.29 110	LR	Pn	14 52 32.4
NVAR	Mina Array Bea	27.43 117	P	P	14 43 45.7 +1.6
NVAR	Mina Array Bea	27.43 117	P	P	14 52 52.2
RES	Resolute Bay	27.86 28	LR	LR	14 55 32.7
PDAR	Pinedale Array	28.96 100	P</		

29d 17h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MEEK, MBWA, NWAO, SANI, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like YSS, TJN, KRSR, KSAR, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like HSIG, O16K, 214A, etc.

SUA	Susitna One	86.58	13	P	P	17 18 51.1	-0.2
PKCU	Pink Cliffs	86.66	47	I	Amb	17 18 55.6	
KAIM	Kayak Island	86.76	17	P	P	17 18 52.0	0.0
G08A	Pilot Rock	86.84	38	P	P	17 18 53.0	0.0
G08A				I	Amb	17 18 55.1	
J17K	VABM Dome	86.87	9	P	P	17 18 53.0	+0.5
L20K	Farewell, AK	86.87	12	P	P	17 18 52.3	-0.3
SKT	Skwentna	86.88	13	P	P	17 18 52.2	-0.4
GLI	Glacier Island	86.89	15	I	Amb	17 18 53.4	
GLI	Glacier Island	86.89	15	P	P	17 18 52.6	-0.1
VNA2	Neumayer-Watz	86.90	177	↑	↑	17 18 53.1	+0.4
VNA2				S	S	17 28 42.3	+0.3
LL02	Futaleufu	87.02	136	P	P	17 18 55.1	+1.2
KNK	Knik Glacier	87.04	14	P	P	17 18 53.5	+0.1
VNA1	Neumayer-Stat	87.13	177	↑	↑	17 18 54.0	+0.2
HAWA	Hanford	87.17	37	I	Amb	17 18 56.5	
GHO	Glory Hole Cre	87.25	14	I	Amb	17 18 55.3	
MVU	Marysvale	87.27	46	I	Amb	17 19 36.6	
J18K	Innoko River	87.30	10	P	P	17 18 54.8	+0.3
SML	Sawmill	87.42	14	P	P	17 18 55.4	+0.3
121A	Cookes Peak, D	87.45	53	P	P	17 18 57.4	+1.2
BMO	Blue Mountains	87.54	39	p	p	17 21 02.7	+0.3
BMRM	Bremner River	87.60	16	P	P	17 18 56.3	+0.3
SRDT	SRDT	87.64	286	P	P	17 18 59.0	+1.8
H16K	Elim	87.64	7	P	P	17 18 55.8	-0.2
S31K	Pelican	87.65	21	P	P	17 18 55.9	-0.3
K20K	Telida	87.65	11	P	P	17 18 55.9	-0.3
MESA	MESA	87.65	18	P	P	17 18 56.1	-0.4
SCM	Sheep Creek Mo	87.67	15	I	Amb	17 18 57.4	
SCM	Sheep Creek Mo	87.67	15	P	P	17 18 56.1	-0.3
KLU	Klutina	87.71	15	P	P	17 18 57.0	+0.4
DUG	Dugway, Tooele	87.76	45	P	P	17 18 57.8	+0.4
G15K	Niukluk	87.79	6	P	P	17 18 56.5	-0.2
WR0K	Wrangell Islan	87.87	24	P	P	17 18 57.0	-0.2
D08A	Wollman Farm,	87.90	37	I	Amb	17 18 59.8	
J19K	Poorman	87.97	10	P	P	17 18 58.2	+0.6
PNL	Peninsula	87.98	19	P	P	17 18 58.6	+0.8
TNA	Tin City	87.99	5	P	P	17 18 57.7	0.0
F14K	Arctic Creek	88.04	5	P	P	17 18 58.1	+0.2
PNM	Pinnacle	88.07	18	P	P	17 18 58.6	+0.4
CAST	Castle Rocks	88.07	12	I	Amb	17 18 58.1	
CAST	Castle Rocks	88.07	12	P	P	17 18 57.0	-1.1
XAN	Xi'an	88.13	308	↑	↑	17 19 00.0	+0.8
BCPM	Bancas Point	88.14	19	p	p	17 21 01.3	-4.3
N25K	Chitina, Valde	88.14	16	P	P	17 18 58.3	-0.2
M24K	Toleona, Glenn	88.18	15	P	P	17 18 58.2	-0.5
Q16A	Castle Valley	88.19	46	I	Amb	17 19 03.1	
F10A	Beach Ranch, E	88.22	38	P	P	17 18 59.4	+0.1
H17K	Granite Mounta	88.22	8	P	P	17 18 58.5	-0.3
WAT6	Susitna Watana	88.23	14	P	P	17 18 58.3	-0.8
TMUT	Trail Mounta	88.35	46	I	Amb	17 19 03.0	
MCARA	McCarthy VSAT	88.36	17	P	P	17 18 59.9	+0.4
G16K	Koyuk River	88.36	7	P	P	17 18 59.4	+0.1
XLT	XiLinHaoTe	88.37	319	e	P	17 19 00.3	+0.2
J20K	Novinta River	88.39	11	P	P	17 18 59.8	+0.3
F15K	North Star Dit	88.42	6	P	P	17 18 59.1	-0.6
PLID	Pearl Lake	88.43	39	P	P	17 19 00.2	-0.4
B08A	Colville Reser	88.45	35	I	Amb	17 19 01.5	
CHUM	Lake Minchum	88.45	12	P	P	17 18 59.0	-0.8
CTG	Chitna Glacier	88.47	18	P	P	17 19 01.1	+0.9
HLID	Hailey	88.54	41	I	Amb	17 19 03.3	
HLID	Hailey	88.54	41	P	P	17 19 01.1	+0.1
HVU	Hansel Valley	88.61	43	I	Amb	17 19 03.4	
O28M	Mount Upton	88.64	18	P	P	17 19 01.8	+0.7
G17K	Kiwalik Mounta	88.67	8	P	P	17 19 00.9	0.0
RND	HAARP	88.68	15	P	P	17 19 01.2	+0.2
HARP	Harper	88.72	13	I	Amb	17 19 01.9	
SRU	San Rafael Swe	88.72	47	P	P	17 19 02.6	+0.7
DHY	Denali Highway	88.75	14	P	P	17 19 01.9	+0.5
P17A	Butcher Ranch,	88.75	46	I	Amb	17 19 04.5	
VHRN	Van Horn	88.77	56	I	Amb	17 19 04.4	
MNTX	Coaghdas Mount	88.87	55	P	P	17 19 03.6	+1.0
I20K	Narughedeneel	88.91	10	P	P	17 19 02.6	+0.7
CRAI	Chiangrai	88.91	292	I	Amb	17 19 05.3	
KMI	Kumming	88.95	298	↑	↑	17 19 04.5	+1.1
PLCA	Paso Flores	89.04	134	P	P	17 19 04.9	+1.4
PLCA	Paso Flores	89.04	134	P	P	17 19 05.5	+2.0
PAX	Paxon	89.09	15	P	P	17 19 03.1	+0.1
TX31	Lajitas Ar. Si	89.14	58	P	P	17 19 04.9	+0.8
TXAR	Lajitas Array	89.14	58	P	P	17 19 05.3	+1.3
TXAR	Lajitas Array	89.14	58	P	P	17 19 05.7	+1.6

TCUT	Toone Canyon	89.15	44	I	Amb	17 19 06.1	
P18A	Preston Nutter	89.16	46	I	Amb	17 19 06.1	
MVCO	Mesa Verde	89.17	49	P	P	17 19 03.8	-0.4
YU8K	Steele Glacier	89.18	18	P	P	17 19 03.7	+0.1
M26K	Nabesna, AK	89.22	16	P	P	17 19 04.1	+0.6
H19K	Roundabout Mou	89.27	9	P	P	17 19 03.2	-0.4
BSUT	Blindstream Ca	89.28	45	I	Amb	17 19 06.9	
HWUT	Hardware Ranch	89.30	44	I	Amb	17 19 06.0	
G18K	Tagagavik	89.30	8	P	P	17 19 03.7	-0.1
YU3K	Mooses Creek	89.38	17	P	P	17 19 04.6	+0.1
S34M	Telegraph Cree	89.42	23	P	P	17 19 05.1	+0.6
CMAR	Chiang Mai Arr	89.43	290	P	P	17 19 06.6	+1.1
CMAR	Chiang Mai Arr	89.43	290	P	P	17 19 07.1	+1.6
CMAR				PP	PP	17 22 45.4	-2.7
CMAR				PKFPbc	PKFPbc	17 36 38.0	+1.3
M27K	Edge Creek, AK	89.47	17	P	P	17 19 05.3	+0.4
HYT	Haines Junctio	89.48	19	P	P	17 19 05.1	+0.2
H20K	Anoteneega Mo	89.48	10	P	P	17 19 05.2	+0.5
ANMO	Albuquerque	89.56	52	P	P	17 19 05.7	-0.3
ANMO				I	Amb	17 19 07.9	
ANMO				P	P	17 19 06.1	+0.2
ANMO				P	P	17 19 07.0	+1.0
CHTO	Chiang Mai	89.57	290	P	P	17 19 06.8	+0.6
HHC	Hu-ho-hao-te	89.62	315	I	S	17 19 07.0	+1.0
HHC				S	S	17 29 14.0	+6.0
HHC				pmax	pmax		
ALPN	Alpine	89.62	57	I	Amb	17 19 08.5	
L26K	Log Cabin Wild	89.66	16	P	P	17 19 06.0	+0.4
I21K	Tanana	89.69	11	P	P	17 19 05.6	+0.1
NEA2	Nenana	89.72	13	P	P	17 19 05.6	-0.1
G19K	Purcell Mounta	89.76	9	P	P	17 19 06.0	+0.2
Q32M	Nakina River	89.77	22	P	P	17 19 06.7	+0.4
MLY	Manley	89.79	12	P	P	17 19 05.8	-0.3
H21K	Melozitna Rive	89.98	11	P	P	17 19 06.8	-0.1
H21K	Melozitna Rive	89.98	11	P	P	17 19 07.3	+0.3
HDA	Harding Lake	90.00	13	I	Amb	17 19 08.0	
HDA	Harding Lake	90.00	13	P	P	17 19 07.5	+0.4
CCB	Clear Creek Bu	90.03	13	I	Amb	17 19 07.2	
E17K	Hotham Inlet	90.05	7	P	P	17 19 07.0	-0.1
L27K	Beaver Creek,	90.07	16	P	P	17 19 07.7	+0.2
I23K	Minto, Yukon-K	90.16	12	P	P	17 19 07.8	+0.1
AHID	Auburn Hatcher	90.19	43	P	P	17 19 09.8	+0.2
SCRK	Sand Creek	90.30	15	P	P	17 19 09.3	+0.7
F19K	Shaleruck Mo	90.31	8	P	P	17 19 08.8	+0.4
ILAR	Eielson Array	90.33	13	P	P	17 19 08.1	-0.5
PZH	PanZhiHua	90.34	298	P	P	17 19 10.5	+0.8
H22K	Ishatata Cre	90.45	11	P	P	17 19 09.2	+0.1
M29M	Somme Creek	90.48	18	P	P	17 19 10.2	+0.7
E18K	Tukpahlearik C	90.52	7	P	P	17 19 09.5	+0.1
D17K	Noatak River	90.52	6	P	P	17 19 10.1	+0.8
POKR	Poker Plat Res	90.52	13	P	P	17 19 09.9	+0.4
BTO	Batout	90.52	314	e	P	17 19 11.3	+1.1
J25K	Salcha River,	90.53	14	P	P	17 19 09.9	+0.3
R33M	Jennings River	90.55	23	P	P	17 19 10.9	+1.1
MSO	Missoula	90.59	39	P	P	17 19 11.1	+0.8
S22A	4UR Ranch, Cre	90.59	49	P	P	17 19 11.7	+0.9
SAND	Sanderson	90.62	58	P	P	17 19 10.9	+0.1
TPAW	Teton Pass	90.65	43	I	Amb	17 19 13.0	
G11K	Allakaket	90.65	10	P	P	17 19 10.5	+0.5
BILL	Bilibino	90.65	355	P	P	17 19 08.9	-1.0
H23K	Yukon River	90.72	12	P	P	17 19 10.8	+0.4
F20K	Avarakt Lake	90.80	9	P	P	17 19 10.7	+0.1
K27K	Chicken	90.81	16	P	P	17 19 11.2	+0.4
J26L	Joseph Creek	90.85	15	P	P	17 19 11.0	0.0
E19K	Redstone River	90.97	8	I	Amb	17 19 12.5	
E19K	Redstone River	90.97	8	P	P	17 19 11.8	+0.4
H24K	Noodor Dome	91.06	12	P	P	17 19 12.2	+0.2
M30M	Minto, Yukon	91.06	18	P	P	17 19 12.6	+0.6
L29M	L29M	91.10	17	P	P	17 19 12.9	+0.7
BW06	Boulder Array	91.17	44	P	P	17 19 14.1	+0.8
PDAR	Pinedale Array	91.17	44	P	P	17 19 13.2	-0.1
PDAR	Pinedale Array	91.17	44	P	P	17 19 13.8	+0.5
C17K	Delong Mounta	91.26	6	P	P	17 19 12.9	+0.1
PRP	Porcupine Dome	91.27	13	P	P	17 19 13.4	+0.3
F21K	Alata River	91.30	10	P	P	17 19 13.6	+0.6
BOZ	Bozeman (W)	91.31	41	P	P	17 19 14.4	+0.7
BOZ	Bozeman (W)	91.31	41	I	Amb	17 21 30.4	
G22K	Bettles	91.35	11	P	P	17 19 13.8	+0.6
G23K	Benaza Creek	91.42	11	P	P	17 19 13.9	+0.3
SDCO	Great Sand Dun	91.53	50	P	P	17 19 16.0	+0.9
DRIO	Del Rio	91.59	59	I	Amb	17 19 17.1	

EGAK	Eagle	91.66	15	P	P	17 19 15.9	+1.3
F22K	John River	91.77	10	P	P	17 19 15.6	+0.4
D19K	Kuna River	91.84	8	P	P	17 19 15.9	+0.4
MSTX	Muleshoe	91.85	54	P	P	17 19 16.5	0.0
K29M	Barlow Dome	91.85	17	P	P	17 19 16.5	+0.8
COLD	Coldfoot	91.86	11	P	P	17 19 16.6	+1.1
E20K	Nigu River	91.86	8	P	P	17 19 16.2	+0.6
T25A	Trinidad	92.03	51	I	Amb	17 19 18.2	+0.9
T25A	Trinidad	92.03	51	P	P	17 19 17.9	+0.2
D20K	Etlivuk Ridge	92.23	8	P	P	17 19 17.0	-0.3
C19K	Lookout Ridge	92.24	7	P	P	17 19 17.7	+0.3
E21K	Killik River	92.35	9	P	P	17 19 18.0	+0.2
TNCH	TengChong	92.40	296	e	P	17 19 20.0	+0.7
I28M	Miner Creek	92.50	15</				

29d 17h

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

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Table with columns: Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SURRE Surduc, MODS Modra-Piesok, ZVOC Zvikov, etc.

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Table with columns: Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ST1N ST1, ST1N ST1, ST1N ST1, etc.

NEIC 29 17:46:30.0, 1.7, 19.43N, 0.04, 155.29W, 0.02, h5km, 1km, Error ellipse: s-maj=7.0km s-min=3.0km az=21.0

HVO 29 17:46:29.4, 1.5, 19.40N, 0.03, 155.28W, 0.01, h0km, 5km, ML3.77, mb4.3/36(NEIC), ML3.2/30(NEIC), Error ellipse: s-maj=4.8km s-min=1.6km az=190.0

ISC 29 17:46:30.8, 13.0, 19.59N, 155.44W, h0km, mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=261.6km s-min=49.4km az=35.0

ISC 29 17:46:29.3, 0.7, 19.43N, 0.03, 155.31W, 0.03, h7km, 4km, n85, +1932.8/23, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UWE Uwekhuna, UWE West Rim, UWB Observatory Le, etc.

29d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATAH, NRIK, LYN, SONM, ASAR, SPITS, CNSH, XAN, KAPI, JMJC, LZH, PCRV, QIZ, GTA, BORG, CD2, ARCES, PZH, LPAZ, LVC, WMQ, KURBB, MKAR, BVAR, NWAQ, PLCA, NOA, ARU, KIRV, Vnda.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLDG, LPL, LPG, LRG, ORIF, MBDF, CABF.

STR 29 18:02:56.0, 3.45°N, 122°E, h5km, MLv1.7/13, Error ellipse: s-maj=0.0km s-min=0.0km az=63.3, preliminary

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LDG 29 18:02:55.7, 0.1, 45°43'N, 6°33'E, h2km, Md1.9/3, M11.5/6, Error ellipse: s-maj=2.3km s-min=1.5km az=52.0, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL, LRG, LPG, OGMO, GRN, ORIF, RRR, RSP, MBDF, BHB, CREF, SURF, PZZ, GIMEL, SSB, VWF, RIVEL, BRANT, LMR, SMF, AVF, LOR, SSF, LOR, SSF.

LDG 29 18:03:27.0, 3.0, 1, 45°42'N, 6°33'E, h2km, Md2.0/3, M12.2/8, Error ellipse: s-maj=1.3km s-min=0.9km az=62.0, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL, LRG, LPG, OGMO, OGSM, LSD, ORIF, ORIF, RRR, RSP, MBDF, OG35, BHB, CREF, OGAG, SURF, AIGLE, JAUF, GIMEL, CABF, SSB, VWF, RIVEL, BRANT, TURF, TRIGF, SBF, LMR, SMF, HNF, HNF, HNF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL, LRG, LPG, OGMO, OGSM, LSD, ORIF, ORIF, RRR, RSP, MBDF, OG35, BHB, CREF, OGAG, SURF, AIGLE, JAUF, GIMEL, CABF, SSB, VWF, RIVEL, BRANT, TURF, TRIGF, SBF, LMR, SMF, HNF, HNF, HNF.

NEIC 29 18:48:34.0, 1.8, 27°09'S, 0°09', 176°9'W, 0.2, h41km, 8km,

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mb4.3/10, Error ellipse: s-maj=22.5km s-min=11.9km az=76.0

IDD 29 18:48:34.9, 2.9, 27°13'S, 177°05'W, h50km, 25km, mb3.7/10, mbmp4.0/11, ML4.5/2, Error ellipse: s-maj=25.1km s-min=20.2km az=80.0

ISC 29 18:48:34.7, 0.7, 27°17'S, 0°08', 177°0'W, 0.1, h50km, n42, a176/39, mb4.1/16, 4C, Kerma dec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, URZ, BKZ, MRZ, QZ, THZ, KHZ, CTAO, STKA, WBA, WBR, WBD, WBO, Vnda, KNRA, QSPA, XMS, MAW, TROLL, SNA, SNA, SNA, VNA, VNA, PETK, NVAR, PDAR, KURBB, BVAR, FINES, NOA, HFS, AKS, MMAI, BRTR, TORD, ESDO, ASAK, MTRV, RUS, GRL, UGLR, AVH, SMAR, KOK, KRX, NEIC, DJA, LWW, PPSI, KASI, PMBI, PMBI, PDSI, SISI, CBJI, PBSI, TPRI, LEM, BBJJ, XMS, GSI, GSI, GSI, CMJI.

IDC 29:20:12:18.5:22.0, 4.50N-92.59E, h0km, mb3.6/3, mbmp3.5/4, ML3.7/1, MS3.4/1, Error ellipse: s-maj=450.5km s-min=111.1km az=148.0

ISC 29:20:12:01.9:1.6, 2.45N, 0.09W, 94.9E:0.1, h10km, n19, 0.157/12, mb3.7/3, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Sinabang, Aceh, MLI, Meulaboh, Aceh, GSI, Gunungsitoli, LHMI, Puluk Sumawe, PBSI, Ploai Batu, CMAR, Chiang Mai Arr, etc.

NOU 29:20:15:15.1, 36.69S-177.98E, h254km, mb3.8/12, Off E. Coast of N. Island, N.Z.

WEL 29:20:15:25.4:0.6, 37.5S x 177.7E:1, h170km, 6km, M3.4/5/3, ML3.4/7, ML3.4/5/3, Error ellipse: s-maj=0.0km s-min=0.0km az=57.0, confirmed

ISC 29:20:15:19.2:2.1, 37.0S, 0.117, 75SE:0.09, h24km, 9km, n159, 0.28/20, 170, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WSRZ, White Island S, WIZ, White Island, HAZ, Te Kaha, HAZ, Te Kaha, MXZ, Matakaoa Point, etc.

Table with columns: WPH, Wapukurau, TSZ, Takarapo Road, PRHZ, Porangahau, WAZ, Wanganui, DVHZ, Lake Tekapo, etc. Lists various stations and their coordinates.

IDC 29:20:16:53.2:1.2, 14.35N-144.25E, h0km, mb3.5/5, mbmp3.5/5, MS2.6/1, Error ellipse: s-maj=44.8km s-min=15.2km az=57.0

ISC 29:20:16:57.0:1.2, 14.4N, 0.214, 3E:0.3, h27km, n13, 0.562/7, mb3.6/5, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO, Guam, DAV, Davao City (W), H1S3, WAKE ISLAND H, etc.

NAM 29:20:18:04.4:3.4, 19.81S x 154.5E, h16km, 15km, ML0.1, Namibia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ST9N, ST9, ST9N, etc.

com=N, 0.4nm, 0.1s

IDC 29:20:25:27.9:6.0, 4.25S-150.75E, h75km, 53km, mb3.4/6, mbmp3.8/7, ML1.7/1, MS3.1/10, Error ellipse: s-maj=70.6km s-min=32.4km az=115.0

ISC 29:20:25:24.6:1.8, 4.05S-0.3, 150.7E:0.5, h35km, n17, 0.195/8, mb3.7/6, MS3.2/9, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, Port Moresby, GUMO, GUMO, WRA, Warramunga Arr, etc.

NOU 29:20:36:06.9, 22.54S-178.46W, h536km, mb4.3/20, South of Fiji Islands

NEIC 29:20:36:26.6:1.8, 24.2S:0.1, 179.4E:0.1, h528km, 8km, mb4.6/46, Error ellipse: s-maj=21.1km s-min=17.9km az=151.0

IDC 29:20:36:28.8:1.7, 24.09S x 179.13E, h544km, 17km, mb3.3/10, mbtmp4.2/12, Error ellipse: s-maj=16.0km s-min=12.9km az=178.0

ISC 29:20:36:28.0:1.5, 24.19S, 0.06W, 179.25E:0.07, h548km, n124, 0.197/133, mb4.4/32, 3C, South of Fiji Islands

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

com=N, 0.4nm, 0.1s

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

29d 21h

Table with columns: TOO, comp-Z, Station Name, I/Amb, I/Amb, Time, Res. Includes stations like Tasmania Unive, Port Moresby, Stephens Creek, etc.

Table for GUC 29 21:13:22.9-0.5, 42:52'S:74:34'W, h30km, 6km, ML2.8, Southern Chile. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

2018 JUN

Main table for 2018 JUN observations. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marneleite, Sao Teotonio, etc.

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Table for 1694 observations. Columns: ECAL, Catabor, 7.79 18 Pn, Pn, Time, Res. Includes stations like Uchtor, Erkin-Say, Karatay Aray, etc.

1695

Table with columns: ASAR, Alice Springs, 50.03 252, P, P, 21 34 54.1 -0.8, etc. Includes stations like Alice Springs, Guam, Narogin (SRO), Shemya Is, Ala, etc.

2018 JUN

Table with columns: TXIX, Tikisi, 94.82 344, LR, LR, 22 17 49.5, etc. Includes stations like Tikisi, Tuckaleechee C, Keskin Array B, etc.

29d 22h

Table with columns: DRK, Karamyk, 1.04 105f, eP, Pg, 21 59 24.2 0.0, etc. Includes stations like Karamyk, Chugayaron, Terek-Say, etc.

Table with columns: ZHN, ZHINSHSKE, KURS, BTK, KPKS, UZB, ARX, ARXS, PDGK, IUG, IUG, IUG, KK31, KKAR, KKAR, BTLS, BTLS, GAR, GAR, BRLS, BRLS, BRLS, KNOS. Includes station names, coordinates, and various parameters.

JMA 29 22:44:55.1±0.3, 27°N, 126°E, h156km, MV3.9/28, NW OFF OKINAWAJIMA IS.
IDD 29 22:44:55.9±0.2, 27°00'N, 126°16'E, h158km, 23km, mb3.7/8, mbmp3.1/11, Error ellipse: s-maj=37.7km s-min=11.5km az=65.0

ISC 29 22:44:55.6±0.8, 27.00°N, 126.34°E, 0.05, h163km, 7km, n41, c1547/58, mb4.0/8, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

NEIC 29 22:55:43.2±0.6, 12°34'S, 0°09'45"E, h10km, 2km, mb4.4/7, Error ellipse: s-maj=16.0km s-min=4.2km az=24.0
IDD 29 22:55:43.7±1.0, 13°04'S, 45°42'E, h0km, mb3.6/6, mbmp3.8/8, ML3.9/2, MS3.4/7, Error ellipse: s-maj=29.8km s-min=15.7km az=140.0
ISC 29 22:55:43.2±0.7, 13.01°S, 0°07'45"E, 0.08, h10km, n27, c214/24, mb3.9/10, MS3.4/6, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like AMBODH, ABPO, RER, KIBK, LSZ, MATP, etc.

TEH 29 23:15:59.2, 36°02'N, 45°59'E, h6km, 34km, ML3.2
ISN 29 23:15:59.1±0.7, 36°16'N, 45°59'E, h27km, 13km, ML2.9
ISC 29 23:15:59.8±0.9, 36.04°N, 0°03'45"E, 0.04, h10km, n24, c1544/29, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SARDA, MAHB, MAHB, IKRK, etc.

UPA 29 23:44:37.2±0.5, 9°52'N, 79°42'W, h25km, 5km, MW3.4
RSNC 29 23:44:39.6±0.0, 9°N, 1°7'W, h0km, 1km, M2.6, mb4.3, ML2.6
ISC 29 23:44:34.9±2.4, 9°48'N, 0°09'37"W, 0.04, h15km, 15km, n15, c1510/28, 1C-4D, Panama

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CHEPO, UPA, BCIP, FLAM, etc.

NNC 30 00:09:05.3±1.8, 48°55'N, 83°60'E, h0km, mb3.2, mpv3.0
Error ellipse: s-maj=15.3km s-min=8.4km az=80.0
SOME 30 00:09:07.1, 48°55'N, 83°44'E, h10km
ISC 30 00:09:04.5±1.3, 48°55'N, 0°04'83.62"E, 0.07, h10km, n12, c184/16, 5C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ZSN, ZSN, MK31.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MK31, MAKZ, MAKZ, SEM, etc.

GEN 30 00:36:10.7, 44°12'N, 10°58'E, h9km, 1km, ML1.4
ROM 30 00:36:10.5±0.0, 44°12'N, 0°00'41.0"E, 0.04, h10km, ML1.6/30, 6C-1D, Error ellipse: s-maj=0.4km s-min=0.1km az=205.0, Northern Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like BDI, BDI, BDI, etc.

GUSC 29 23:44:37.2±0.5, 9°52'N, 79°42'W, h25km, 5km, MW3.4
RSNC 29 23:44:39.6±0.0, 9°N, 1°7'W, h0km, 1km, M2.6, mb4.3, ML2.6
ISC 29 23:44:34.9±2.4, 9°48'N, 0°09'37"W, 0.04, h15km, 15km, n15, c1510/28, 1C-4D, Panama

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GUSC, GUSC, EQUI, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MBRI Mt Berch, DAVOX Davos/Dischmat, TUE Stuetta, etc.

2018 JUN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VSR Storozevoje, TAM Tamnarrasset, VORR Voronezh, etc.

30d 0h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KURK Kurchatov, MK31 Makanchi Array, MKAR Makanchi Array, etc.

30d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMTG, EVO, PBVD, PBEJ, PCAS, PVAQ, EGRO, PESTR, PBAR, PCBR, EBAD, EPLA, ECAB, EADA, EADA.

BJI 30:00:42:57.9:0.0, 19:50N:145:69E, h181km, mb4.6/29, mB4.8/11
IDC 30:00:42:59.8:0.8, 19:31N:145:41E, h188km, 7km, mb4.1/28, mb1mp=5.31, MSZ=1.3, Error ellipse: s-maj=14.7km s-min=7.5km az=81.0
NEIC 30:00:42:59.9:1.1, 19:28N:105:145:5E:0.1, h182km, 7km, mb4.7/315, Error ellipse: s-maj=18.4km s-min=7.2km az=87.0
ISC 30:00:43:00.2:0.6, 19:32N:105:145:47E:0.08, h190km, 4km, h190km:pp-P, n597, r0F95/538, mb4.7/190, 1C-1D, Mariana Islands

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, JCY, INU, MJAR, MAJO, MAJO, MAJO, JMM, JNU, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, JTM, NACB, ERM, SSLB, KSRS, KSAR, JKA, ASAJ, NJ2, USAOB, USRK, MDJ, CN2, KLR.

2018 JUN

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNS, BJI, HEH, HEH, XLT, PETK, PETK, XAN, XAN, HHC, HHC, BTO, BTO, BTO, WBO, MA2, MA2, WRO, WRAB, WRB, WRA, WRA, WRA, PZH, PZH, PZH, ULN, ULN, SONM, SONM, KIWB, ADK, ADK, YAK, ASAR, ASAR, ASAR, GSTR, ATKA, ATKA, NIKH, SPIA, P08K, UNV, STKA, STKA, STKA, GAMB, S12K, S12K, WMQ, WMQ, M13K, K13K, S14K, O14K, O14K, O14K, L14K, L14K, TNA, M14K, CHGN, CHGN, J14K, J14K, ANM, O15K, F14K, M15K, L15K, N15K, K15K, K15K, G15K, F15K, F15K, P16K.

1700

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N16K, O16K, O16K, M16K, M16K, L16K, L16K, CHIR, H16K, J16K, J16K, H17K, H17K, G16K, O17K, ZAAO, ZALV, ZALV, Q17K, N17K, N17K, L17K, ANCK, M17K, M17K, C16K, C16K, J17K, K17K, S117, S117, MK31, MKAR, MKAR, MKAR, G17K, R18K, R18K, H17K, P18K, P18K, D17K, MAZK, N18K, N18K, F17K, F17K, F17K, O18K, O18K, E17K, L18K, L18K, RDOG, RDOG, M18K, C17K, OHAK, H18K, H18K, J18K, Q19K, Q19K, E18K, E18K, E18K, G18K, G18K, KDAK, KDAK, KDAK, L19K, L19K, GCSA, P19K, C18K, C18K, M19K, Q20K, B18K, J19K, J19K, O20K, G19K, G19K, H19K, H19K.

30d Oh

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like C36M Paulatuk, ARU Arti, ABKAR Akbulak array, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like DUG Dugway, TPAW Teton Pass, MOOV Moose Ponds, etc.

1702

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Frequency. Includes stations like MNGR Mingchevir, GANJ Ganja, AGDM Agdam, etc.

DRS 30 00:54:26.5, 40:51'N-46:84'E, h54km
IDC 30 00:54:26.4, 40:70'N-46:83'E, h10km, mb3.2/4,

Table with columns: ITM, Ithm, S, Sn, and various numerical values. Includes entries like ITM 1thm,1.6s, MSL1 Messolongi, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like FINES FINESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, etc.

NEIC 30 02:25:38.9-2.2, 13'26N:0'09:50'72E:0'10, h10km, l1km, mb4.5/39, Error ellipse: s-maj=18.2km s-min=12.0km

ISC 30 02:25:38.2-0.6, 13'23N:50'80E, h0km, mb4.1/21, mbtmp4.1/21, ML2 8/1, MS3 6/39, Error ellipse: s-maj=17.0km s-min=15.8km az=126.0

ISC 30 02:25:38.8-0.5, 13'26N:0'08:50'76E:0'10, h10km, n99, s=135/78, mb4.4/42, MS3.6/39, 1D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like ARU Art, MKAR Makanchi Array, ZALV Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like VRAC Vranov, TSMU Tsumbe, CMAR Chiang Mai Arr, GERES GERESS Array B, etc.

WEL 30 02:53:53.6:0.3, 39'33.3'x17'5E', h18km, l4km, M3.5/31, ML3.8/31, MLV3.5/31, Error ellipse: s-maj=0.0km s-min=0.0km az=176.5, confirmed

NOU 30 02:53:54.1, 39'33S:174'60E, h22km, MLV3.3/10, North Island, New Zealand

ISC 30 02:53:54.3:0.9, 39'36S:0'02:174'63E:0'02, h29km, l6km, n130, s=0/90/146, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKE Pokaka, NMEZ Namu Road, NBEZ Newall Road No, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAN13 South Haven SW, BLOK Blackwell, OK029 Liberty Lake, etc.

ADC 03 03:29:22.7:8.4, 22.99S<147.87E, h0km, mbtomp3.0/2, ML2.9/2, Error ellipse: s-maj=119.8km s-min=63.9km az=4.0, Queensland

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

JMA 03 03:29:24.4:0.2, 35.7N<0.6:139.7E<0.8, h89km, 1km, JMA 03 03:29:24.3:2.7, 35.47N<139.48E, h97km, 22km, mb3.2/3, mbtomp3.6/3, Error ellipse: s-maj=38.8km s-min=26.8km az=83.0

ISC 03 03:29:24.2:0.9, 35.64N<0.05:139.63E<0.06, h93km, 6km, n24, <0.81/31, mb3.6/3, 10D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOK Tokyo, JGSG Sagamiharawaka, JGWH Hanno, etc.

ADC 03 03:38:49.1:5.0, 6.71N<126.80E, h101km, 40km, mb3.2/4, mbtomp3.5/4, Error ellipse: s-maj=96.6km s-min=19.6km az=62.0, Mindanao

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

MDD 03 03:42:49.5:0.2, 43.00N<0.02W, h0km, mb Lg2.7/18, Error ellipse: s-maj=1.7km s-min=1.0km az=10.0

MRB 03 03:42:49.9:0.6, 43.01N<0.05W, h5km, 7km, ML2.2/26, Error ellipse: s-maj=2.5km s-min=2.1km az=243.0

LDG 03 03:42:49.3:0.1, 43.05N<0.02W, h10km, Mb2.7/2, Ml2.8/14, Error ellipse: s-maj=1.7km s-min=1.5km az=103.2

STR 03 03:42:50.0:3.43, 43.12N<3.15E, h5km, MLv2.3/19, Error ellipse: s-maj=0.0km s-min=0.0km az=29.5, preliminary

ISC 03 03:42:49.5:0.8, 42.97N<0.01:0.09W<0.01, h10km, 5km, n82, <1.60/152, 1D, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECHI Canfranc, CANF Canfranc, URds Vielia - Casau, etc.

NEIC 03 03:21:07.4:0.9, 36.534N<0.010:98.96W<0.01, h5km, 1km, Error ellipse: s-maj=2.8km s-min=2.0km az=22.0

TUL 03 03:21:07.6:1.1, 36.544N<0.010:98.96W<0.02, h6km, 2km, ML2.5, mb Lg2.1/17(NEIC), ML2.3(NEIC), Error ellipse: s-maj=2.6km s-min=1.4km az=101.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOKA Waynoka, U32a Winter Ranch, U32a West end E0370, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIEF Vief, PYLO Lourdes, PYLO Lourdes, etc.

CAF Calvac, CAF Calvac, CAF Calvac, Error ellipse: s-maj=1.7km s-min=1.0km az=10.0

CAF Calvac, CAF Calvac, CAF Calvac, Error ellipse: s-maj=2.5km s-min=2.1km az=243.0

CAF Calvac, CAF Calvac, CAF Calvac, Error ellipse: s-maj=1.7km s-min=1.5km az=103.2

CAF Calvac, CAF Calvac, CAF Calvac, Error ellipse: s-maj=0.0km s-min=0.0km az=29.5, preliminary

CAF Calvac, CAF Calvac, CAF Calvac, Error ellipse: s-maj=2.6km s-min=1.4km az=101.0, Oklahoma

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

30d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 319A Douglas, 319A La Primavera, 319A HUEH HUEH, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TGUHU Tegucigalpa, Un, TGUHU Pinon Flats, TPFO Pinon Flats, etc.

1708

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q24A Divide, Q24A baz=180, SNR=17, KSC0 baz=180, etc.

1709

TPH	Toponah	21.88	334	P	P	04 01 41.1 +0.2
TPH	comp=Z,2µm,1.5s					
TPH	MLR					
HALT	Halls	21.95	36	IAMS_20	IAMS_20	04 11 09.1
	comp=Z,1.8µm,19.0s					
N23A	Red Feather La	21.97	358	IAMS_20	IAMS_20	04 09 12.6
	comp=Z,20µm,18.0s					
N23A	Red Feather La	21.97	358	P	P	04 01 42.3 +0.3
	baz=178,SNR=84					
N23A	S					04 05 45.5 +1.6
LNXT	Lenox	22.00	36	IAMS_20	IAMS_20	04 11 08.5
	comp=Z,1.6µm,21.0s					
PBMO	Poplar Bluff	22.01	33	IAMS_20	IAMS_20	04 11 10.6
	comp=Z,1.7µm,18.0s					
HDC	Heredia	22.12	111	P	P	04 01 46.4 +2.8
	comp=Z,1.2111					04 01 45.1 +1.5
HDC	Heredia	22.12	111	eP	P	
HDC	Portageville	22.12	35	IAMS_20	IAMS_20	04 11 02.6
	comp=Z,1.4µm,19.0s					
PMPB	Monarch Peak	22.15	324	P	P	04 01 42.9 -0.8
OGNE	Ogallala	22.17	6	Iamb	Iamb	04 01 42.8 -1.1
OGNE	comp=Z,352nm,1.3s					04 01 47.6
OGNE	comp=Z,188,SNR=13					
OGNE	S					04 01 43.3 -0.6
OGNE	S					04 05 47.2 -0.1
MLAC	Mammoth, Mammo	22.23	330	P	P	04 01 45.7 +0.9
	baz=144,SNR=22					
MLAC	S					04 05 51.3 +2.5
GLAT	Glass	22.24	36	IAMS_20	IAMS_20	04 11 09.8
	comp=Z,1.5µm,19.0s					
PARMO	Parma	22.28	34	IAMS_20	IAMS_20	04 11 05.8
	comp=Z,1.3µm,21.0s					
DUG	Dugway, Tooele	22.28	344	P	P	04 01 45.2 0.0
DUG	Iamb					04 01 45.2 0.0
DUG	comp=Z,310nm,1.1s					
DUG	IAMS_20					04 10 22.9
DUG	IAMS_20					04 01 45.8 +0.6
DUG	S					04 05 53.2 +3.7
DUG	Dugway, Tooele	22.28	344	P	P	04 01 45.2 0.0
DUG	comp=Z,310nm,1.2s					
DUG	MLR					
LCR2	La Lucha 2	22.33	111	P	P	04 01 47.9 +1.9
JLU	Jordanelle	22.35	347	IAMS_20	IAMS_20	04 10 21.6
MDPB	Devils Postpil	22.35	330	P	P	04 01 46.0 0.0
MDPB	Iamb					04 02 06.0
R40A	Maddies Statio	22.35	27	IAMS_20	IAMS_20	04 10 49.3
	comp=Z,330nm,1.3s					
PHWY	Pilot Hill	22.37	359	IAMS_20	IAMS_20	04 10 15.1
	comp=Z,1.5µm,19.0s					
HICK	Hickman	22.47	35	IAMS_20	IAMS_20	04 11 21.9
CTU	Camp Tracy	22.50	347	IAMS_20	IAMS_20	04 10 56.6
	comp=Z,1.5µm,18.0s					
CAMR	Camarioca	22.53	75	P	P	04 01 46.8 -1.1
CAMR	Iamb					04 02 10.0
CAMR	comp=Z,1.20nm,1.1s					
CAMR	IAMS_20					04 11 21.8
BBGB	Big Mountain B	22.55	325	P	P	04 01 47.2 -0.8
NV11	Mina Array Sit	22.58	332	P	P	04 01 48.4 0.0
CCM	Cathedral Cave	22.62	29	P	P	04 01 46.3 -2.4
CCM	Cathedral Cave	22.62	29	IAMS_20	IAMS_20	04 11 08.5
CCM	comp=Z,27µm,21.0s					
CCM	Cathedral Cave	22.62	29	P	P	04 01 47.6 -1.0
CCM	baz=216					04 05 53.8 -1.7
CCM	Cathedral Cave	22.62	29	P	P	04 01 46.3 -2.4
CCM	comp=Z,123nm,1.3s					
CCM	MLR					
NVAR	Mina Array Bea	22.64	332	P	P	04 01 49.0 -0.1
NVAR	Mina Array Bea	22.64	332	P	P	04 01 49.6 +0.5
NVAR	comp=Z,40nm,0.8s,baz=161,slow=12,SNR=117					
NVAR	S					04 06 00.2 +3.9
NVAR	comp=Z,0.4nm,0.7s,baz=160,slow=43,SNR=1.3					
NVAR	LR					04 10 41.6
RWWY	Rawlins	22.83	356	IAMS_20	IAMS_20	04 10 47.2
	comp=Z,1.9µm,21.0s					
TCUT	Toone Canyon	22.84	348	IAMS_20	IAMS_20	04 10 35.5
	comp=Z,1.2µm,18.0s					
RYN	Ryan	22.90	332	IAMS_20	IAMS_20	04 11 13.7
	comp=Z,1.3µm,18.0s					
SAO	San Andreas Ge	22.91	324	P	P	04 01 49.7 -2.0
SAO	San Andreas Ge	22.91	324	P	P	04 01 49.7 -2.0
SAO	comp=Z,146nm,1.4s					
SAO	MLR					
FVM	French Village	22.95	31	IAMS_20	IAMS_20	04 10 16.3
	comp=Z,7µm,19.0s					
WVT	Waverly	22.96	38	P	P	04 01 49.3 -3.0
WVT	Waverly	22.96	38	IAMS_20	IAMS_20	04 10 37.2
WVT	Waverly	22.96	38	P	P	04 01 51.0 -1.3
WVT	comp=Z,1.4µm,20.0s					
WVT	baz=226					04 05 59.2 -2.4
WVT	Waverly	22.96	38	P	P	04 01 49.3 -3.0
WVT	comp=Z,86nm,1.5s					
WVT	MLR					
P38A	Dawn	22.98	23	IAMS_20	IAMS_20	04 11 04.7
	comp=Z,23µm,21.0s					
KVN	Kaiserville	23.07	333	IAMS_20	IAMS_20	04 11 07.1
TIGA	Tifton	23.09	53	P	P	04 01 52.6 -1.1
	baz=242,SNR=12					
TIGA	S					04 06 04.8 +0.9
T45A	Paducah	23.14	35	IAMS_20	IAMS_20	04 11 43.5
	comp=Z,1.4µm,20.0s					
BGNE	Belgrade	23.24	13	P	P	04 01 54.4 -0.8
BGNE	Iamb					04 02 00.7
BGNE	IAMS_20					04 11 25.4
BGNE	Belgrade	23.24	13	P	P	04 01 54.6 -0.5
BGNE	baz=197					04 06 05.2 -1.1
BGNE	S					
FPAL	Fort Payne	23.31	44	P	P	04 01 53.5 -2.4
HWUT	Hardware Ranch	23.34	348	P	P	04 01 55.7 -0.6
N35A	Tabor	23.38	18	IAMS_20	IAMS_20	04 09 51.1
P40A	Paris	23.48	26	IAMS_20	IAMS_20	04 11 08.2
	comp=Z,1.4µm,19.0s					
ELK	Elko	23.49	340	P	P	04 01 57.0 -0.8
ELK	Elko	23.49	340	LR	LR	04 10 37.4
ELK	Elko	23.49	340	P	P	04 01 57.0 -0.8
ELK	comp=Z,2.4µm,18.4s,baz=204,slow=36					
ELK	ELK					04 01 57.0 -0.8
ELK	comp=Z,79nm,1.1s					
ELK	MLR					
DWPF	Disney Wildern	23.53	63	P	P	04 01 58.3 +0.3
DWPF	Disney Wildern	23.53	63	P	P	04 01 58.5 +0.5
DWPF	baz=252					
SLM	Saint Louis	23.56	30	IAMS_20	IAMS_20	04 10 24.4
	comp=Z,1.4µm,19.0s					
K22A	Casper	23.75	357	P	P	04 01 59.4 -0.8
K22A	Casper	23.75	357	P	P	04 01 59.7 -0.5
K22A	comp=Z,177,SNR=115					
K22A	S					04 06 14.0 -0.7
BRU2	Volcan	23.91	112	P	P	04 02 04.0 +2.0
BRU2	Iamb					04 02 21.7
47A	Sharon Grove	23.98	37	IAMS_20	IAMS_20	04 12 46.0
	comp=Z,1.6µm,20.0s					
BW06	Boulder Array	24.13	352	P	P	04 02 03.3 -0.7

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BW06	baz=170,SNR=72			S	S	04 06 21.6 +0.6
PD31	Pinedale Array	24.13	352	P	P	04 02 03.0 -1.0
PDAR	Pinedale Array	24.13	352	P	P	04 02 02.9 -1.1
PDAR	Pinedale Array	24.13	352	P	P	04 02 03.1 -0.8
PDAR	comp=Z,33nm,0.8s,baz=160,slow=8.9,SNR=152					
PDAR	PcP					04 05 44.7 -0.1
PDAR	comp=Z,2.6nm,0.7s,baz=150,slow=6.2,SNR=5.5					04 11 18.4
GOGA	Godfrey	24.15	49	P	P	04 02 01.6 -2.3
GOGA	Godfrey	24.15	49	P	P	04 02 02.1 -1.8
GOGA	baz=239,SNR=76					
GOGA	S					04 06 23.0 +2.0
GOGA	Godfrey	24.15	49	P	P	04 02 01.6 -2.3
GOGA	comp=Z,63nm,0.7s					
K30B	Basset	24.19	10	IAMS_20	IAMS_20	04 11 07.3
	comp=Z,11µm,18.0s					
L34A	Svensden Farm	24.20	16	IAMS_20	IAMS_20	04 11 34.7
	comp=Z,1.4µm,21.0s					
PAYG	Puerto Ayora	24.25	142	P	P	04 02 06.7 +1.7
	Iamb					04 02 26.6
PAYG	comp=Z,198nm,1.1s					
PAYG	Puerto Ayora	24.25	142	IAMS_20	IAMS_20	04 09 16.7
Q44A	Meyer Farm, Va	24.36	32	IAMS_20	IAMS_20	04 11 09.7
	comp=Z,1.9µm,18.0s					
AHID	Auburn Hatcher	24.37	349	P	P	04 02 04.9 -1.1
AHID	comp=Z,201nm,1.1s					04 02 10.1
AHID	IAMS_20					04 11 11.1
P43A	Skaggs, Pawnee	24.69	30	IAMS_20	IAMS_20	04 11 09.8
N41A	Harden Midland	24.97	26	IAMS_20	IAMS_20	04 12 04.5
	comp=Z,1.7µm,21.0s					
SNOW	Snow King Mount	24.99	350	IAMS_20	IAMS_20	04 11 10.4
	comp=Z,1.9µm,20.0s					
TPAW	Teton Pass	25.05	350	IAMS_20	IAMS_20	04 11 23.0
	comp=Z,1.3µm,19.0s					
SCIA	State Center	25.10	21	P	P	04 02 11.2 -1.2
SCIA	comp=Z,1.7µm,18.0s					04 12 41.8
SCIA	State Center	25.10	21	P	P	04 02 11.4 -1.1
SCIA	baz=207					
LOHW	Long Hollow	25.11	351	IAMS_20	IAMS_20	04 12 04.7
	comp=Z,1.2µm,21.0s					
TKL	Tuckaleechee C	25.19	44	P	P	04 02 11.3 -2.0
TKL	comp=Z,162nm,1.6s					04 02 27.0
TKL	Tuckaleechee C	25.19	44	LR	LR	04 12 34.8
TKL	comp=Z,9µm,21.7s,baz=248,slow=38					
TKL	Tuckaleechee C	25.19	44	P	P	04 02 11.3 -2.0
TKL	comp=Z,162nm,1.6s					
RSSD	Black Hills	25.20	2	P	P	04 02 12.4 -1.2
RSSD	Black Hills	25.20	2	P	P	04 02 12.8 -0.9
RSSD	baz=182					
RSSD	S					04 06 39.2 +1.1
RSSD	Black Hills	25.20	2	P	P	04 02 12.4 -1.2
RSSD	comp=Z,59nm,0.9s					
MOOW	Moose Ponds	25.27	350	IAMS_20	IAMS_20	04 11 46.8
	comp=Z,1.2µm,19.0s					
WCI	Wyandotte Cave	25.30	36	P	P	04 02 12.7 -1.7
WCI	comp=Z,114nm,1.0s					04 02 26.8
WCI	Wyandotte Cave	25.30	36	IAMS_20	IAMS_20	04 11 59.0
WCI	comp=Z,14µm,19.0s					
WCI	Wyandotte Cave	25.30	36	P	P	04 02 14.9 +0.5
WCI	baz=226					
WCI	S					04 06 39.8 +0.4
WCI	Wyandotte Cave	25.30	36	P	P	04 02 12.7 -1.7
WCI	comp=Z,115nm,1.0s					
WCI	MLR					
HODGE	Hodges	25.44	48	P	P	04 02 14.4 -1.2
HODGE	comp=Z,141nm,1.3s					04 02 28.3
HDIL	Hopedale	25.53	29	P	P	04 02 14.7 -1.7
HDIL	comp=Z,168nm,1.0s					04 02 28.1
HDIL	Hopedale	25.53	29	P	P	04 02 15.6 -0.7
HDIL	comp=Z,1.7µm,18.0s					
HDIL	comp=Z,217,SNR=23					04 06 43.9 +1.0
FLWY	Flagg Ranch	25.59	351	IAMS_20	IAMS_20	04 11 56.2
	comp=Z,1.9µm,18.0s					
ECSO	EROS Data					

30d 3h

Table with columns: Call Sign, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like AAM Ann Arbor, HOOD Mount Hood, COR Corvallis, HAWA Hanford, MCWV Mont Chateau, N53A Lisbon, COWI Conover, V61A Roper, AGMN Agassiz Nation, M52A Chesterland, K50A Casco, F04A Amboy, M53A WI Miller, M53A WI Miller, CBN Corbin Frederi, CBN Corbin Frederi, NEW Newport, GLMI Grayling, LON Longmire, EYMN Ely, EYMN Ely, ALLY Alegheny Colle, D41A Chass, E43A Lone Tree Farm, D05A Enunclaw, ERPA Erie, RADR Rader Ridge, B08A Colville Reser, M55A Ridgway, SSPA Standing Stone, SSPA Standing Stone, GRTK Grand Turk, SDDR Presa de Saban, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, WISH Wishkah, PULU Pululahua, ULM Lac du Bonnet, ULM Lac du Bonnet, IMBA Imbabura, TULM Tulcen-Chaipat, NLWA Neilton Lookou, WVN West Valley, SLO San Lorenzo, ANTS Antisana-Sarah, N58A Sunbury, L56A Greenwood, J54A Appleton, MEDO Medina, C03A Quillayute Air, ROSC El Rosal, ROSC El Rosal, PGC Sidney, P61A Hammonnton.

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Table with columns: Call Sign, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like J55A Hilton, CLRS Cowichan Lake, SADO Sadowa, KSPA Keystone Colle, K57A Scipio Centre, BINY Binghamton, BINY Binghamton, J56A Wolcott, ODNJ Ogdenburg, OZB Mont Ozzard, DELO Deloro Mine, CPNY Central Park, L59A Walton, PAL Palisades, PAL Palisades, SDV Santo Domingo, SDV Santo Domingo, N62A Gausmeit State, J58A Remsen, WSPST Westport, CBB Campbell River, HATO Hato, Curacao, FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, WBO Williamburg, NCB Newcomb, ACCN Adirondack, M63A Gales Ferry, UCCT U. Connecticut, L61B Northampton, L61B Northampton, LONY Lake Ozonia, LONY Lake Ozonia, LONY Lake Ozonia, AOPR Arcobio Observ, UUPR Utuado, UPR, P, CELP Cerrillos, K62A Royalston, VLD0 Val d'Or, HRV Adam Dzewonski, HRV Adam Dzewonski, HRV Adam Dzewonski, HRV Adam Dzewonski, ATAH Atahualpa, SJG San Juan, SJG San Juan, SJG San Juan, SJG San Juan, WES Western, M65A Busby, Falmout, M65A Busby, Falmout, VT1 Waterbury, L64A Middleborough, TRQ Mont Tremblant, MNTQ Montreal, Queb, BAUV El Baul, LBNH Lisbon, LBNH Lisbon, LBNH Lisbon, LBNH Lisbon, LBNH Lisbon, I62A Tamworth, BBB Bella Bella, I63A Otisfield, G62A West of Eustis, F62A Pittsford Farm, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, GRNB Grenville Isla, LDAO Lac Dore, SEUS St. Eustatius, F63A Nahmakanta, Br, PCRVR Puerto La Cruz.

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Table with columns: Call Sign, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like E62A Clayton Lake, EMMW East Machias, FCC Fort Churchill, FCC Fort Churchill, FCC Fort Churchill, PQL Presque Isle, GDHS Morne Mazeau, GDHS Morne Mazeau, NNA Nana, NNA Nana, NNA Nana, NNA Nana, NNA Nana, NNA Nana, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, CBE Ff, Capester, U35K Hyder, U35K Hyder, TBGT Tabatinga, AM, TBGT Tabatinga, AM, TBGT Tabatinga, AM, TBGT Tabatinga, AM, V35K Ketchikan, V35K Ketchikan, V35K Ketchikan, FDF Fort de France, FDF Fort de France, FDF Fort de France, CRAG Craig, CRAG Craig, CRAG Craig, GRGR Greenville, BIM Bigot, T35M Bob Quinn, T35M Bob Quinn, T35M Bob Quinn, TOAD Toad River Com, WRAK Wrangell Island, WRAK Wrangell Island, WRAK Wrangell Island, U33K Whale Pass, U33K Whale Pass, U33K Whale Pass, HAL Halifax, HAL Halifax, HAL Halifax, S34M Telegraph Cree, S34M Telegraph Cree, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, BBGH Gun Hill, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, SIT Sitka, SIT Sitka, S32K Killisnoo, S32K Killisnoo, R33M Jennings River, R33M Jennings River, R33M Jennings River, GBN Guayborough, GBN Guayborough, Q32M Nakina River, Q32M Nakina River, Q32M Nakina River, JIS Juneau Island, JIS Juneau Island, R32K Eaglecrest, R32K Eaglecrest, S31K Pelican, S31K Pelican, R31K City Hall, GUS, TEF Tefe, P32M Atin, P32M Atin, P32M Atin, P33M Teslin, Yukon, P33M Teslin, Yukon, P33M Teslin, Yukon, RPN Rapa Nui, SKAG Skagway, SKAG Skagway.

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SKAG	comp=Z,4um,19.0s	IAMS_20	IAMS_20	04 24 35.6	
SKAGway	46.05 339	P	P	04 05 11.6 +0.4	
SKAG	baz=138	S	S	04 12 00.5 +5.1	
PLBC	Pleasant Camp	46.40 339	P	04 05 14.9 +0.9	
PLBC	baz=137,SNR=18	S	S	04 12 02.9 +2.4	
BOAV	Boa Vista	46.57 105	P	04 05 17.3 +1.3	
BOAV	comp=Z,72nm,1.2s	IAMB	IAMB	04 05 28.5	
BOAV	Boa Vista	46.57 105	eP	04 05 17.3 +1.3	
N32M	Quiet Lake	46.64 342	IAMS_20	IAMS_20	04 26 13.8
N32M	Quiet Lake	46.64 342	P	04 05 16.2 +0.2	
N32M	baz=142	S	S	04 12 07.2 +3.1	
WHY	Whitehorse	46.81 340	P	04 05 17.1 -0.2	
WHY	comp=Z,69nm,1.6s	IAMB	IAMB	04 05 20.1	
WHY	Whitehorse	46.81 340	P	04 05 17.4 +0.1	
WHY	baz=140,SNR=14	S	S	04 12 10.6 +4.0	
P29M	Windy Craggy	47.01 338	IAMS_20	IAMS_20	04 26 57.0
P29M	Windy Craggy	47.01 338	P	04 05 19.0 +0.2	
P29M	baz=136	S	S	04 12 13.5 +4.2	
P30M	Million Dollar	47.09 339	P	04 05 20.7 +1.2	
P30M	baz=137	S	S	04 12 14.1 +3.6	
O30N	Mendhall	47.29 340	IAMS_20	IAMS_20	04 24 55.3
O30N	Mendhall	47.29 340	P	04 05 21.5 +0.6	
O30N	baz=138,SNR=40	S	S	04 12 18.0 +4.8	
PNL	Peninsula	47.63 337	P	04 05 24.6 +0.9	
PNL	Peninsula	47.63 337	P	04 05 24.1 +0.4	
PNL	baz=134	S	S	04 12 22.4 +4.2	
N31M	Braeburn, Yuko	47.73 341	IAMS_20	IAMS_20	04 27 49.9
N31M	Braeburn, Yuko	47.73 341	P	04 05 25.0 +0.6	
N31M	baz=139,SNR=32	S	S	04 12 23.5 +4.0	
ETMB	Extrema	47.77 123	P	04 05 25.2 0.0	
ETMB	Extrema	47.77 123	eP	04 05 25.3 +0.1	
O29M	Mount Kennedy	47.78 338	IAMS_20	IAMS_20	04 25 04.6
O29M	Mount Kennedy	47.78 338	P	04 05 25.5 +0.5	
O29M	baz=135,SNR=12	S	S	04 12 24.6 +4.1	
HYT	Haines Junctio	47.79 339	IAMS_20	IAMS_20	04 25 30.7
HYT	Haines Junctio	47.79 339	P	04 05 25.7 +0.7	
HYT	baz=137,SNR=20	S	S	04 12 22.6 +2.0	
M31M	Drury Creek, Y	47.86 342	P	04 05 25.9 +0.5	
M31M	baz=141,SNR=21	S	S	04 12 23.8 +2.5	
N30M	Aishkik Lake	48.12 340	IAMS_20	IAMS_20	04 26 24.4
N30M	Aishkik Lake	48.12 340	P	04 05 28.1 +0.7	
N30M	baz=138,SNR=17	S	S	04 12 28.3 +3.1	
YUK6	Outpost Mounta	48.17 339	P	04 05 28.9 +0.8	
YUK6	baz=136,SNR=14	S	S	04 12 30.3 +4.2	
PINM	Pinnacle	48.24 337	P	04 05 28.6 +0.2	
PINM	baz=133	S	S	04 12 30.2 +3.3	
YUK4	Talbot Arm	48.55 339	P	04 05 32.1 +1.1	
O28M	Mount Upton	48.69 338	P	04 05 33.3 +1.2	
O28M	baz=134,SNR=21	S	S	04 12 37.7 +4.1	
MACA	Manacapuru-AM	48.86 112	P	04 05 33.8 +0.1	
MACA	Manacapuru-AM	48.86 112	eP	04 05 34.8 +1.1	
M30M	Minto, Yukon	48.87 341	IAMS_20	IAMS_20	04 26 55.0
M30M	Minto, Yukon	48.87 341	P	04 05 33.4 +0.2	
M30M	baz=139,SNR=28	S	S	04 12 37.4 +1.8	
YUK8	Steele Glacier	48.89 339	P	04 05 34.6 +1.0	
YUK8	baz=134,SNR=26	S	S	04 12 40.0 +3.6	
MESA	MESA	48.93 337	P	04 05 34.5 +0.6	
MESA	baz=131	S	S	04 12 42.6 +5.8	
YAH	Yahtse	48.98 337	P	04 05 34.3 +0.1	
YAH	comp=Z,141nm,1.6s	IAMB	IAMB	04 05 37.8	
LOGN	Logan Glacier	49.01 338	P	04 05 35.1 +0.7	
LOGN	comp=Z,99nm,1.4s	IAMB	IAMB	04 05 50.4	
LOGN	comp=Z,5um,19.0s	IAMS_20	IAMS_20	04 28 09.9	
GRNC	Granite Creek	49.22 337	IAMS_20	IAMS_20	04 28 30.6
CTGM	Chitina Glacie	49.23 338	P	04 05 36.6 +0.5	
CTGM	comp=Z,78nm,1.3s	IAMB	IAMB	04 05 58.6	
CTGM	comp=Z,4um,20.0s	IAMS_20	IAMS_20	04 28 17.8	
CTG	Chitna Glacier	49.23 338	P	04 05 36.8 +0.7	
CTG	baz=132	S	S	04 12 47.7 +6.8	
SNH	Sunshine Point	49.27 336	P	04 05 37.0 +0.7	
M29M	Somme Creek	49.29 340	IAMS_20	IAMS_20	04 25 51.2
M29M	Somme Creek	49.29 340	P	04 05 37.3 +0.8	
M29M	baz=137,SNR=42	S	S	04 12 44.7 +3.0	
ISLE	Juniper Island	49.35 337	IAMS_20	IAMS_20	04 28 17.1
YUK3	Moose Creek	49.48 339	P	04 05 38.4 +0.4	
YUK3	baz=134,SNR=33	S	S	04 12 43.4 -1.1	
KIP	Kipapa	49.57 282	P	04 05 38.9 -0.2	
KIP	Kipapa	49.57 282	P	04 05 38.9 -0.2	
TGL	Tana Glacier	49.64 337	P	04 05 39.2 +0.1	
TGL	comp=Z,76nm,1.0s	IAMB	IAMB	04 05 52.3	
L29M	L29M	49.67 341	P	04 05 40.2 +0.9	
L29M	baz=137,SNR=99	S	S	04 12 48.0 +1.1	
SAML	Samuel	49.71 120	P	04 05 40.0 -0.2	
SAML	comp=Z,90nm,1.3s	IAMB	IAMB	04 05 44.4	
SAML	Samuel	49.71 120	P	04 05 40.0 -0.2	
SAML	comp=Z,90nm,1.3s	PMAX	PMAX		
SAML	Samuel	49.71 120	eP	04 05 39.2 -1.0	
KAIM	Kayak Island	49.72 335	P	04 05 40.1 +0.4	
CRQE	Cirque	49.73 337	P	04 05 40.3 +0.4	
PTCN	Pitcairn Islan	49.99 210	IAMS_20	IAMS_20	04 21 06.7
K29M	Barlow Dome	50.04 342	P	04 05 42.1 -0.1	
K29M	comp=Z,79nm,0.9s	IAMB	IAMB	04 05 55.2	

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K29M	comp=Z,3um,18.0s	IAMS_20	IAMS_20	04 27 05.9	
K29M	Barlow Dome	50.04 342	P	04 05 42.7 +0.6	
K29M	baz=138,SNR=123	S	S	04 12 52.1 0.0	
BVCY	Beaver Creek	50.05 339	S	04 12 55.0 +2.7	
RAGM	Ragged Mountai	50.11 336	P	04 05 43.1 +0.5	
RAGM	comp=Z,110nm,1.3s	IAMB	IAMB	04 06 11.4	
MCARA	McCarthy VSAT	50.12 337	P	04 05 43.4 +0.7	
MCARA	baz=131,SNR=12	S	S	04 12 54.8 +1.7	
VRDI	Verde Repeater	50.17 337	P	04 05 43.3 0.0	
VRDI	comp=Z,110nm,1.4s	IAMB	IAMB	04 05 54.8	
VRDI	comp=Z,5um,18.0s	IAMS_20	IAMS_20	04 28 49.8	
M27K	Middleton Isla	50.21 334	P	04 05 43.9 +0.5	
J30M	Hart River	50.26 343	IAMS_20	IAMS_20	04 28 46.7
J30M	Hart River	50.26 343	P	04 05 44.1 +0.3	
J30M	baz=140	S	S	04 12 56.8 +1.7	
M27K	Edge Creek, AK	50.36 339	P	04 05 45.4 +0.7	
M27K	baz=133,SNR=35	S	S	04 12 56.6 -0.1	
PB18	Visviri	50.37 134	P	04 05 47.5 +1.8	
PB18	comp=Z,2um,19.0s	IAMB	IAMB	04 06 34.3	
LPAZ	La Paz	50.42 131	P	04 05 46.9 +0.7	
LPAZ	La Paz	50.42 131	P	04 05 47.0 +0.7	
LPAZ	comp=Z,0.8nm,0.8s	LR	LR	04 05 33.9	
LPAZ	comp=Z,0.8nm,0.9s	LR	LR	04 05 20.7	
LPAZ	comp=Z,2um,19.0s	LR	LR	04 05 31.6	
LPAZ	La Paz	50.42 131	P	04 05 46.7 +0.5	
BMRM	Bremner River	50.44 336	P	04 05 46.1 +0.9	
BMRM	baz=129,SNR=13	S	S	04 12 57.9 +0.2	
GLB	Gilahina Butte	50.45 337	P	04 05 45.4 +0.2	
GLB	comp=Z,92nm,1.1s	IAMB	IAMB	04 05 51.2	
GLB	comp=Z,3um,21.0s	IAMS_20	IAMS_20	04 28 25.0	
EYAK	Cordova Ski Ar	50.63 335	P	04 05 47.9 +1.4	
EYAK	Cordova Ski Ar	50.63 335	P	04 05 47.3 +0.8	
EYAK	baz=127,SNR=1	S	S	04 13 03.0 +2.9	
J29N	Klondike Camp	50.70 342	IAMS_20	IAMS_20	04 28 27.4
J29N	Klondike Camp	50.70 342	P	04 05 47.1 0.0	
J29N	baz=138	S	S	04 13 03.9 +2.7	
H31M	Peel River	50.71 345	IAMS_20	IAMS_20	04 26 11.5
H31M	Peel River	50.71 345	P	04 05 46.8 -0.3	
H31M	baz=143,SNR=17	S	S	04 13 03.3 +2.1	
DAWY	Dawson	50.76 341	P	04 05 46.9 -0.6	
DAWY	comp=Z,3um,20.0s	IAMS_20	IAMS_20	04 28 08.1	
DAWY	baz=136,SNR=38	S	S	04 05 47.4 -0.1	
I30M	Mount Dempster	50.77 344	P	04 05 47.7 -0.1	
I30M	baz=141,SNR=43	S	S	04 13 03.1 +0.8	
M26K	Nabesna, AK	50.78 338	P	04 05 48.0 +0.3	
M26K	baz=131,SNR=25	S	S	04 13 06.2 +3.9	
BCAR	Beaver Creek A	50.81 339	P	04 05 47.8 -0.2	
L27K	Beaver Creek	50.83 339	IAMS_20	IAMS_20	04 25 11.9
L27K	Beaver Creek	50.83 339	P	04 05 48.2 +0.2	
L27K	baz=133,SNR=31	S	S	04 13 06.9 +4.0	
HIN	Hinchinbrook I	50.84 335	P	04 05 48.0 -0.2	
N25K	Chitina, Valde	50.84 337	IAMS_20	IAMS_20	04 30 07.4
N25K	Chitina, Valde	50.84 337	P	04 05 49.2 +1.0	
N25K	baz=129,SNR=22	S	S	04 13 08.7 +5.5	
P23K	Montague Islan	50.97 334	P	04 05 49.4 +0.3	
P23K	baz=125,SNR=13	S	S	04 13 08.7 +3.8	
FID	Port Fidalgo	51.04 335	P	04 05 49.7 +0.1	
FID	comp=Z,4um,20.0s	IAMS_20	IAMS_20	04 29 51.6	
FRB	Prosbisher Bay	51.23 20	LR	LR	04 28 35.9
KLU	Klutina	51.27 336	P	04 05 51.9 +0.4	
KLU	baz=128,SNR=21	S	S	04 13 14.0 +4.8	
L26K	Log Cabin Wild	51.31 339	P	04 05 51.7 0.0	
L26K	baz=128	S	S	04 13 13.6 +4.0	
GLI	Glacier Island	51.36 335	IAMS_20	IAMS_20	04 30 03.2
GLI	Glacier Island	51.36 335	P	04 05 52.1 0.0	
GLI	comp=Z,3um,21.0s	IAMS_20	IAMS_20	04 30 03.2	
GLI	baz=126,SNR=49	S	S	04 13 14.3 +4.1	
MENT	Mentasta	51.38 339	P	04 05 53.1 +0.9	
I29M	Ogive Camp	51.40 343	P	04 05 51.9 -0.5	
I29M	baz=138,SNR=31	S	S	04 13 11.6 +0.8	
HARP	HAARP	51.55 337	P	04 05 54.1 +0.7	
HARP	comp=Z,71nm,1.1s	S	S	04 13 18.1 +5.3	
K27K	Chicken	51.57 340	IAMS_20	IAMS_20	04 27 18.9
K27K	Chicken	51.57 340	P	04 05 54.5 +0.9	
K27K	baz=133	S	S	04 13 16.9 +3.8	
G31M	Satah River	51.59 346	IAMS_20	IAMS_20	04 27 23.9
G31M	Satah River	51.59 346	P	04 05 53.8 +0.1	
G31M	baz=144,SNR=49	S	S	04 13 15.4 +2.1	
M24K	Tolsona, Glenn	51.74 337	IAMS_20	IAMS_20	04 30 28.2
M24K	Tolsona, Glenn	51.74 337	P	04 05 54.9 0.0	
M24K	baz=128,SNR=15	S	S	04 13 20.6 +5.0	
EPYK	Eagle Plains	51.75 344	P	04 05 55.0 0.0	
EPYK	baz=141,SNR=31	S	S	04 13 18.3 +2.7	
PB11	IPOC Station P	51.78 136	P	04 05 56.4 +0.6	
PB11	comp=Z,76nm,1.2s	IAMB	IAMB	04 06 11.2	
EGAK	Eagle	51.81 341	P	04 05 54.6 -0.7	
EGAK	comp=Z,44nm,0.8s	IAMB	IAMB	04 06 07.3	
EGAK	comp=Z,5um,19.0s	IAMS_20	IAMS_20	04 29 15.7	
EGAK	Eagle	51.81 341	P	04 05 55.0 -0.3	
EGAK	baz=135	S	S	04 13 17.3 +1.0	
C36M	Paulatuk	51.82 352	P	04 05 54.5 -0.8	
C36M	baz=157	S	S	04 13 16.4 +0.1	

30d 3h

SEW	baz=157
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30d 3h

DHY		S	S	04 13 32.3 +2.4	
CHIR	baz=127 Chirikof Islan	52.77 327	P	P	04 06 02.5 -0.1
CHIR	baz=113		S	S	04 13 31.7 +1.9
I26K	Coal Creek Min	52.79 341	IAMs_20	IAMs_20	04 29 49.3
I26K	Coal Creek Min	52.79 341	P	P	04 06 02.8 +0.2
I26K	baz=133		S	S	04 13 30.7 +1.0
MDP	Montagnes des	52.89 98	LR	LR	04 31 27.6
R18K	Karluk	52.91 329	P	P	04 06 03.8 +0.1
R18K	baz=116		S	S	04 13 33.7 +2.1
H27K	Steamboat Moun	52.95 342	P	P	04 06 03.6 -0.2
H27K	baz=135,SNR=38		S	S	04 13 32.6 +0.6
CAPN	Captain Cook N	52.95 334	P	P	04 06 04.4 +0.5
CAPN	baz=121		S	S	04 13 35.7 +3.7
J25K	Salcha River	53.03 340	IAMs_20	IAMs_20	04 30 26.2
J25K	Salcha River	53.03 340	P	P	04 06 04.5 0.0
J25K	baz=130,SNR=43		S	S	04 13 34.6 +1.3
M22K	Willow	53.06 335	IAMs_20	IAMs_20	04 30 52.1
M22K	Willow	53.06 335	P	P	04 06 04.5 -0.1
M22K	baz=123,SNR=7.2		S	S	04 13 35.1 +1.7
WAT1	Susitna Watana	53.06 337	P	P	04 06 04.1 -0.6
WAT1	baz=125		S	S	04 13 35.1 +1.5
Q19K	Cape Douglas,	53.14 331	P	P	04 06 04.9 -0.5
Q19K	baz=118		S	S	04 13 34.7 -0.1
SUA	Susitna One	53.15 335	Iamb	Iamb	04 06 04.7 -0.8
SUA	comp=Z,93nm,1.0s		IAMs_20	IAMs_20	04 31 02.7
SUA	Susitna One	53.15 335	P	P	04 06 05.4 -0.1
SUA	baz=122,SNR=61		S	S	04 13 37.5 +2.4
O20K	Slope Mountain	53.24 333	P	P	04 06 06.0 -0.1
O20K	baz=119		S	S	04 13 38.1 +2.0
P19K	Oil Pt	53.30 332	P	P	04 06 06.4 -0.1
P19K	baz=118,SNR=15		S	S	04 13 39.3 +2.4
PB04	POC Station P	53.32 139	P	P	04 06 08.5 +1.3
G27K	Doyon Strip	53.40 343	IAMs_20	IAMs_20	04 32 22.7
G27K	Doyon Strip	53.40 343	P	P	04 06 07.0 -0.1
G27K	baz=135,SNR=51		S	S	04 13 41.7 +3.6
HDA	Harding Lake	53.44 339	P	P	04 06 06.5 -0.8
HDA	comp=Z,4um,18.0s		IAMs_20	IAMs_20	04 31 25.9
HDA	Harding Lake	53.44 339	P	P	04 06 06.9 -0.5
HDA	baz=128		S	S	04 13 38.6 0.0
HDA	baz=128		S	S	04 13 38.6 0.0
CUT	Chulitna	53.47 336	IAMs_20	IAMs_20	04 28 50.0
CUT	Chulitna	53.47 336	P	P	04 06 07.4 -0.3
CUT	baz=123,SNR=11		S	S	04 13 40.9 +1.8
PB09	IPOC Station P	53.50 137	Iamb	Iamb	04 06 09.7 +1.1
PB09	comp=Z,99nm,1.1s		Iamb	Iamb	04 06 25.0
F28M	Old Crow	53.51 344	P	P	04 06 08.1 +0.2
F28M	baz=138,SNR=90		S	S	04 13 43.5 +4.0
RND	Reindeer	53.51 337	P	P	04 06 07.4 -0.6
RND	baz=138		Iamb	Iamb	04 06 13.4
RND	comp=Z,125nm,1.3s		IAMs_20	IAMs_20	04 31 57.9
RND	Reindeer	53.51 337	P	P	04 06 07.4 -0.6
RND	comp=Z,4um,18.0s		P	P	04 31 57.9
RND	comp=Z,125nm,1.3s		P	P	04 06 07.4 -0.6
E29M	Blow River	53.61 346	IAMs_20	IAMs_20	04 27 41.2
E29M	Blow River	53.61 346	P	P	04 06 08.7 +0.1
E29M	baz=140,SNR=28		S	S	04 13 42.2 +1.4
E29M	baz=140		S	S	04 13 41.3 0.0
N20K	Mount Spurr	53.62 334	P	P	04 06 08.3 -0.5
N20K	baz=120		S	S	04 13 41.3 0.0
SPCR	Spurr Chakacha	53.62 334	P	P	04 06 05.3 -3.5
SPCR	baz=120		S	S	04 13 38.5 -2.8
ILAR	Eielson Array	53.64 339	P	P	04 06 08.2 -0.7
ILAR	comp=Z,24nm,1.1s, baz=150,slow=6.5,SNR=92		P	P	04 07 14.9 -0.2
ILAR	comp=Z,5.8nm,0.8s, baz=148,slow=2.5,SNR=6.8		S	S	04 13 40.1 -1.2
ILAR	comp=Z,0.1nm,0.5s, baz=89,slow=11,SNR=1.2		LR	LR	04 28 46.5
PB05	IPOC Station P	53.67 139	P	P	04 06 10.8 +1.1
PRP	Porcupine Dome	53.67 340	IAMs_20	IAMs_20	04 30 52.0
PRP	Porcupine Dome	53.67 340	P	P	04 06 09.2 -0.1
PRP	baz=130,SNR=87		S	S	04 13 42.3 +0.3
MCK	McKinley	53.73 338	P	P	04 06 09.0 -0.6
MCK	baz=126,SNR=21		S	S	04 13 43.4 +0.8
SKT	Skwentna	53.74 335	P	P	04 06 09.1 -0.6
SKT	comp=Z,88nm,1.0s		IAMs_20	IAMs_20	04 32 07.3
SKT	Skwentna	53.74 335	P	P	04 06 09.5 -0.3
SKT	baz=122,SNR=61		S	S	04 13 44.6 +1.7
ITTB	Itaituba	53.79 110	eP	P	04 06 11.1 +0.3
WRH	Wood River Hil	53.87 339	IAMs_20	IAMs_20	04 28 50.3
VAH	Vaihoa	53.87 234	eP	P	04 06 11.5 +0.3
VAH	comp=Z,68nm,0.8s		eLR	LR	04 21 26.8
VAH	Vaihoa	53.87 234	eLR	LR	04 21 26.8
CCB	Clear Creek Bu	53.87 339	P	P	04 06 09.1 -1.4
CCB	comp=Z,4um,18.0s		IAMs_20	IAMs_20	04 28 50.4
XMAS	Kiritimati	53.89 258	IAMs_20	IAMs_20	04 23 02.3
Q17K	Contact Creek	53.91 330	P	P	04 06 10.2 -0.8
Q17K	baz=115,SNR=31		S	S	04 13 45.4 +0.1
PMOR	Pomario Rio Ree	53.94 234	eP	P	04 06 12.2 +0.5
PMOR	comp=Z,104nm,0.8s		eLR	LR	04 21 28.0
PMOR	Pomario Rio Ree	53.94 234	eLR	LR	04 21 28.0
COLA	College	54.03 339	P	P	04 06 11.1 -0.6
COLA	College	54.03 339	P	P	04 06 10.8 -0.9
COLA	College	54.03 339	IAMs_20	IAMs_20	04 27 11.6

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COLA	College	54.03 339	P	P	04 06 11.0 -0.7
COLA	baz=127		S	S	04 13 45.3 -1.2
COLA	College	54.03 339	P	P	04 06 10.8 -0.9
COLA	comp=Z,26nm,1.0s		P	P	04 06 11.1 -0.8
O19K	Port Alsworth	54.04 332	P	P	04 06 11.1 -0.8
O19K	baz=118		S	S	04 13 46.4 -0.4
POKR	Poker Plat Res	54.04 339	IAMs_20	IAMs_20	04 27 35.7
POKR	Poker Plat Res	54.04 339	P	P	04 06 11.4 -0.4
POKR	baz=128,SNR=20		S	S	04 13 47.7 +1.0
P18K	Big Mountain,	54.08 331	P	P	04 06 11.2 -1.1
P18K	baz=116,SNR=24		S	S	04 13 46.7 -0.9
G26K	Porcupine River	54.10 342	P	P	04 06 12.5 +0.4
G26K	baz=133		S	S	04 13 50.2 +2.8
E28M	Babbage River	54.16 345	IAMs_20	IAMs_20	04 29 20.9
E28M	Babbage River	54.16 345	P	P	04 06 12.4 -0.3
E28M	baz=139,SNR=21		S	S	04 13 49.3 +1.0
BWN	Browne	54.17 338	IAMs_20	IAMs_20	04 29 10.9
H25L	Birch Creek	54.25 341	P	P	04 06 13.5 +0.2
H25L	comp=Z,4um,19.0s		S	S	04 13 52.7 +3.2
FYU	Fort Yukon	54.27 341	P	P	04 06 13.3 -0.1
FYU	comp=Z,3um,19.0s		IAMs_20	IAMs_20	04 30 43.7
NEA2	Nenana	54.28 338	P	P	04 06 12.8 -0.7
NEA2	baz=126,SNR=68		S	S	04 13 49.5 -0.5
O18K	Koktuh Hills	54.28 332	P	P	04 06 12.7 -1.0
O18K	baz=116		S	S	04 13 49.8 -0.3
LVC	Limon Verde	54.30 138	P	P	04 06 16.0 +1.3
LVC	comp=Z,86nm,1.6s		Iamb	Iamb	04 06 22.0
LVC	Limon Verde	54.30 138	LR	LR	04 24 48.3
LVC	Limon Verde	54.30 138	LR	LR	04 24 48.3
LVC	comp=Z,2um,21.3s, baz=334,slow=31		P	P	04 06 16.0 +1.3
M20K	Limon Verde	54.30 138	eP	P	04 06 16.7 +2.0
M20K	Styx River	54.34 334	IAMs_20	IAMs_20	04 31 50.5
M20K	Styx River	54.34 334	P	P	04 06 13.9 -0.3
M20K	baz=120		S	S	04 13 52.0 +0.9
E27K	Coleen River	54.37 344	P	P	04 06 14.5 +0.3
E27K	baz=136		S	S	04 13 54.3 +3.0
VILB	Vilhena	54.37 122	P	P	04 06 14.7 -0.2
VILB	comp=Z,80nm,1.1s		Iamb	Iamb	04 06 20.6
VILB	Vilhena	54.37 122	eP	P	04 06 15.1 +0.2
N19K	Bonanza Creek	54.40 333	P	P	04 06 13.8 -0.8
N19K	baz=118,SNR=57		S	S	04 13 50.7 -1.2
CHGN	Chignik	54.41 327	P	P	04 06 13.8 -0.8
CHGN	baz=111		S	S	04 13 52.5 +0.6
A36M	Sachs Harbour	54.41 352	P	P	04 06 13.6 -0.8
A36M	baz=156,SNR=26		S	S	04 13 51.1 -0.4
Q16K	King Salmon	54.45 330	P	P	04 06 14.2 -0.6
Q16K	baz=114		S	S	04 13 52.4 +0.1
PPLA	Purkeypile	54.49 336	P	P	04 06 14.7 -0.6
PPLA	baz=122,SNR=55		S	S	04 13 53.1 -0.1
D28M	Stokes Point	54.53 346	P	P	04 06 14.7 -0.5
D28M	baz=140		S	S	04 06 14.7 -0.5
CHNA	Chernabura Isl	54.53 325	P	P	04 06 14.6 -1.0
CHNA	baz=109		S	S	04 13 53.8 +0.1
P17K	Kvichak River	54.56 330	P	P	04 06 15.1 -0.5
P17K	baz=115,SNR=20		S	S	04 13 53.9 +0.1
H24K	Noodor Dome	54.63 340	P	P	04 06 16.0 -0.2
H24K	baz=128,SNR=65		S	S	04 13 55.8 +1.0
BMAR	Burnt Mountain	54.65 342	P	P	04 06 15.8 -0.5
G25K	Bearman Lake	54.66 341	P	P	04 06 16.4 +0.2
G25K	baz=130,SNR=30		S	S	04 13 59.1 +4.1
BPBW	Bear Paw Mtn.	54.68 337	IAMs_20	IAMs_20	04 33 06.9
BPBW	Bear Paw Mtn.	54.68 337	P	P	04 06 15.7 -0.8
BPBW	baz=124,SNR=32		S	S	04 13 53.8 -1.7
I23K	Minto, Yukon-K	54.71 339	IAMs_20	IAMs_20	04 29 53.5
I23K	Minto, Yukon-K	54.71 339	P	P	04 06 16.5 -0.1
I23K	baz=126,SNR=49		S	S	04 13 56.3 +0.7
F26K	Sheenik River	54.71 343	P	P	04 06 16.9 +0.2
F26K	baz=133,SNR=36		S	S	04 13 58.1 +2.3
CAST	Castle Rocks	54.72 336	P	P	04 06 15.6 -1.2
CAST	comp=Z,64nm,1.1s		Iamb	Iamb	04 06 21.2
CAST	comp=Z,3um,19.0s		IAMs_20	IAMs_20	04 34 04.5
CAST	Castle Rocks	54.72 336	P	P	04 06 16.0 -0.8
CAST	baz=122		S	S	04 13 53.1 -3.0
M19K	Big River Lodg	54.88 334	IAMs_20	IAMs_20	04 32 18.2
M19K	Big River Lodg	54.88 334	P	P	04 06 17.4 -0.6
M19K	baz=119		S	S	04 13 58.6 +0.5
L20K	Farewell, AK	54.95 335	P	P	04 06 17.7 -0.8
L20K	baz=120,SNR=72		S	S	04 13 59.5 +0.3
N18K	Kilae Creek	54.95 332	P	P	04 06 17.9 -0.6
N18K	baz=116,SNR=45		S	S	04 13 57.4 -1.8
D27M	Malcolm River	54.99 345	IAMs_20	IAMs_20	04 28 36.1
D27M	Malcolm River	54.99 345	P	P	04 06 18.6 -0.1
D27M	baz=137		S	S	04 14 01.4 +1.9
S14K	Fog Glacier	55.00 326	P	P	04 06 18.8 -0.2
S14K	baz=110		S	S	04 14 00.5 +0.5
SVW2	Sparrevohf	55.00 333	P	P	04 06 20.0 +1.1
AF01	San Pedro de A	55.02 137	P	P	04 06 21.3 +1.5
G24K	Hadweenic Riv	55.04 341	P	P	04 06 19.1 +0.1
G24K	baz=129,SNR=31		S	S	04 14 00.4 +0.3
CHUM	Lake Minchumin	55.06 337	P	P	04 06 18.5 -0.6

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CHUM		S	S	04 13 58.9 -1.6	
F25K	Christian River	55.07 342	P	P	04 06 19.7 +0.4
F25K	baz=131,SNR=53		S	S	04 14 02.7 +2.0
O17K	Koliganek Bris	55.10 331	P	P	04 06 19.0 -0.6
O17K	baz=114,SNR=39		S	S	04 13 59.9 -1.2
MLY	Manley	55.12 338	IAMs_20	IAMs_20	04 31 35.4
MLY	Manley	55.12 338	P	P	04 06 19.0 -0.7
MLY	comp=Z,6um,19.0s		S	S	04 14 02.4 +1.0
H23K	Yukon River	55.17 339	IAMs_20	IAMs_20	04 32 53.6
H23K	Yukon River	55.17 339	P	P	04 06 19.6 -0.5
H23K	comp=Z,4um,18.0s		S	S	04 14 02.1 +0.1
SDPT	Sand Point	55.18 325	S	S	04 14 02.2 -0.1
L19K	White Mountain	55.20 334	P		

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L17K	baz=115,SNR=31	S	S	04 14 19.0 -2.4
PTLB	baz=115	P	P	04 06 31.1 -0.2
PTLB	comp=Z,82nm,1.3s	I Amb	I Amb	04 06 36.2
PTLB	Pontes e Lacer	eP	P	04 06 31.0 -0.2
N15K	baz=112	S	S	04 06 29.8 -0.9
N15K	baz=112	S	S	04 14 20.2 -1.6
FALS	False Pass	S	S	04 06 30.5 -0.3
FALS	baz=105	P	P	04 14 21.7 -0.3
IMAR	Indian Mountai	P	P	04 06 29.7 -1.2
PPT	Papeete	LR	LR	04 23 55.3
PPT2	comp=Z,4.1um,21.2s,ba	eP	P	04 06 30.1 -2.2
PPT2	comp=Z,4.01nm,24.2s	ePP	PP	04 08 39.2 +0.4
PPT2	comp=Z,118nm,22.2s	eS	S	04 14 25.9 +1.2
PPT2	comp=Z,2.1um,27.2s	eLQ	LQ	04 20 41.1
PPT2	comp=Z,1.1um,26.2s	eLR	LR	04 22 57.4
PPT2	comp=Z,1.1um,25.0s	eLR	LR	04 23 04.2
PAE	comp=Z,6.0um,24.0s	eS	S	04 14 22.8 -2.3
PAE	comp=Z,602nm,29.3s	eLR	LR	04 22 50.2
H20K	comp=Z,2.1um,23.2s	S	S	04 06 30.9 -1.0
H20K	baz=120,SNR=62	S	S	04 14 22.2 -2.0
K17K	baz=120	I AMs_20	I AMs_20	04 33 55.9
K17K	baz=120	I AMs_20	I AMs_20	04 33 55.9
K17K	comp=Z,3um,18.0s	P	P	04 06 30.4 -1.8
K17K	baz=115,SNR=32	S	S	04 14 21.8 -2.9
O14K	baz=115	P	P	04 06 30.8 -1.4
O14K	baz=110	S	S	04 14 22.8 -1.9
TOLK	Toolik Lake Re	P	P	04 06 32.1 -0.1
TOLK	baz=128	S	S	04 14 25.5 +0.9
CLDB	baz=128	eP	P	04 06 33.9 +1.0
G21K	baz=128	I AMs_20	I AMs_20	04 32 46.2
G21K	comp=Z,4um,18.0s	P	P	04 06 31.5 -0.8
G21K	baz=122,SNR=19	S	S	04 14 22.2 -2.6
L16K	baz=122	P	P	04 06 32.0 -0.8
L16K	baz=113,SNR=23	S	S	04 14 24.4 -1.4
D24K	baz=113	P	P	04 06 32.4 -0.5
D24K	Happy Valley	S	S	04 14 27.6 +1.7
D24K	baz=129	P	P	04 06 33.0 -0.1
F22K	John River	S	S	04 14 27.1 +0.8
F22K	baz=124	S	S	04 14 27.2 -0.7
M15K	baz=124	P	P	04 06 32.8 -1.1
M15K	comp=Z,4um,18.0s	S	S	04 14 27.2 -0.7
M15K	baz=112,SNR=12	S	S	04 14 27.2 -1.8
GCSA	Galena City Sc	P	P	04 06 33.4 -1.2
GCSA	baz=118	S	S	04 14 27.2 -1.8
F21K	Alatna River	P	P	04 06 34.6 -0.3
F21K	baz=118	S	S	04 14 31.0 +1.2
C24K	Franklin Bluff	P	P	04 06 34.7 -0.4
C24K	baz=123	S	S	04 14 30.6 +0.5
N14K	Kuskokwak Cree	P	P	04 06 33.9 -1.4
N14K	baz=110	S	S	04 14 29.9 -0.4
D23K	Nanushuk River	P	P	04 06 35.9 0.0
D23K	baz=127	S	S	04 14 32.9 +1.5
H19K	Roundabout Mou	I AMs_20	I AMs_20	04 33 21.3
H19K	comp=Z,4um,19.0s	P	P	04 06 34.6 -1.4
H19K	comp=Z,4um,19.0s	S	S	04 14 30.4 -1.4
J17K	VABM Dome	I AMs_20	I AMs_20	04 34 19.1
J17K	baz=115,SNR=16	P	P	04 06 35.2 -1.3
J17K	baz=110	S	S	04 14 30.8 -1.8
NUUK	Nuuk	eP	T	04 06 38.5 +1.5
H03N1	Juan Fernandez	T	T	05 09 15.4
H03N1	comp=Z,5um,21.0s	T	T	05 09 28.7
H03N3	Juan Fernandez	T	T	05 09 24.7
M14K	Bethel	P	P	04 06 36.9 -1.2
M14K	baz=110	S	S	04 14 35.2 -0.5
L15K	Ungalak Mounta	P	P	04 06 37.8 -1.2
L15K	baz=111,SNR=21	S	S	04 14 37.4 +0.1
C23K	Ikilik River	P	P	04 06 38.8 -0.5
C23K	baz=127,SNR=40	S	S	04 14 39.2 +1.3
IVI	baz=127	I AMs_20	I AMs_20	04 29 24.6
F20K	Avaraart Lake	I AMs_20	I AMs_20	04 31 20.7
F20K	comp=Z,3um,20.0s	P	P	04 06 38.5 -1.0
F20K	baz=120	S	S	04 14 37.3 -1.0
D22K	Ayikyak River	I AMs_20	I AMs_20	04 31 29.5
D22K	comp=Z,5um,21.0s	P	P	04 06 39.6 0.0
D22K	baz=124,SNR=13	S	S	04 14 39.4 +0.9
G19K	Purcell Mounta	I AMs_20	I AMs_20	04 33 26.1
G19K	comp=Z,4um,19.0s	P	P	04 06 38.8 -1.0
G19K	baz=118,SNR=36	S	S	04 14 37.5 -1.2
H18K	Honhosa River	P	P	04 06 38.5 -1.3
H18K	baz=116,SNR=15	S	S	04 14 36.9 -2.0
LOO	Las Campanas	P	P	04 06 42.5 +1.4
LOO	comp=Z,58nm,1.4s	I Amb	I Amb	04 06 47.8
LOO	comp=Z,58nm,1.4s	P	P	04 06 42.5 +1.4
J16K	Anvik River	P	P	04 06 39.6 -1.0
J16K	baz=113,SNR=26	S	S	04 14 38.7 -1.6
E21K	Killik River	I AMs_20	I AMs_20	04 33 42.0
E21K	comp=Z,5um,21.0s	P	P	04 06 40.1 -0.6
E21K	baz=123	S	S	04 14 38.8 -1.7
K15K	Wolf Creek Mou	P	P	04 06 39.9 -0.9

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K15K	baz=112	S	S	04 14 41.2 +0.6
AC05	El Transito	P	P	04 06 42.9 +1.2
AC05	comp=Z,96nm,1.4s	I Amb	I Amb	04 06 57.7
UNV	Unalaska Valle	P	P	04 06 40.9 -0.6
UNV	baz=102	S	S	04 14 43.3 +1.3
L14K	Kuka Creek	P	P	04 06 41.1 -0.8
L14K	baz=110,SNR=9.2	S	S	04 14 41.4 -1.4
M13K	Del Lake	P	P	04 06 41.0 -0.9
M13K	baz=109	S	S	04 14 42.7 0.0
I17K	Unalakleet	P	P	04 06 42.4 -0.1
I17K	comp=Z,113nm,17	S	S	04 14 44.3 +0.5
G18K	Tagagawik	I AMs_20	I AMs_20	04 33 20.1
G18K	comp=Z,3um,22.0s	P	P	04 06 42.1 -0.9
G18K	baz=116,SNR=9.3	S	S	04 14 44.4 -0.3
H17K	Granite Mounta	I AMs_20	I AMs_20	04 32 07.8
H17K	comp=Z,3um,19.0s	P	P	04 06 43.0 -0.4
H17K	baz=115,SNR=59	S	S	04 14 44.8 -0.6
F19K	Shaleruckik Mo	P	P	04 06 43.0 -0.7
F19K	baz=118,SNR=47	S	S	04 14 44.5 -1.5
E19K	Redstone River	P	P	04 06 44.0 -0.5
E19K	baz=119	S	S	04 14 47.7 +0.1
E20K	Nigu River	P	P	04 06 44.5 -0.5
E20K	baz=120,SNR=38	S	S	04 14 46.7 -1.7
C21K	Knifblade Rid	P	P	04 06 45.1 0.0
C21K	baz=122,SNR=56	S	S	04 14 51.0 +2.4
B21K	Ikqkuk River	P	P	04 06 46.0 -0.5
B21K	baz=123,SNR=39	S	S	04 14 52.1 +0.9
B22K	Teshhepkuk Lake	I AMs_20	I AMs_20	04 34 48.0
B22K	comp=Z,3um,19.0s	P	P	04 06 45.7 -1.1
B22K	baz=124,SNR=7.9	S	S	04 14 51.8 -0.1
G17K	Kiwalik Mounta	P	P	04 06 46.5 -0.5
G17K	baz=114	S	S	04 14 55.6 +3.4
D20K	Etiyuk River	P	P	04 06 46.9 -0.5
D20K	baz=120,SNR=26	S	S	04 14 52.7 -0.4
F18K	Selawik	P	P	04 06 47.4 -0.2
F18K	baz=116	S	S	04 14 56.3 +3.0
CO01	Juntas del Tor	I Amb	I Amb	04 06 49.3 +0.7
CO01	comp=Z,112nm,1.9s	P	P	04 07 36.5
J14K	Narvaran Lak	P	P	04 06 47.9 -0.1
J14K	baz=110,SNR=18	S	S	04 14 56.3 +2.3
NRS	Narsarsuaq	I AMs_20	I AMs_20	04 31 56.5
NRS	comp=Z,5um,20.0s	P	P	04 06 48.2 -0.3
SFJD	Kangerlussuaq	I Amb	I Amb	04 06 50.2
SFJD	comp=Z,100nm,1.9s	P	P	04 06 48.2 -0.3
H16K	Elfirik	P	P	04 06 48.3 -0.5
H16K	baz=112,SNR=11	S	S	04 14 54.4 -1.3
K13K	Kusvik Mount	I AMs_20	I AMs_20	04 36 01.2
K13K	comp=Z,2um,19.0s	P	P	04 06 48.6 -0.9
K13K	baz=108	S	S	04 14 54.0 -2.9
NIKH	Nikolski High	P	P	04 06 49.7 -0.4
NIKH	baz=99	S	S	04 14 54.2 -3.8
D19K	Kuna River	P	P	04 06 49.2 -0.8
D19K	baz=118,SNR=23	S	S	04 14 55.2 -2.7
CO03	El Pedregal	P	P	04 06 51.7 +0.9
G16K	Koyuk River	I AMs_20	I AMs_20	04 32 49.6
G16K	comp=Z,4um,18.0s	P	P	04 06 50.4 -0.8
G16K	baz=112,SNR=13	S	S	04 14 50.8 -1.6
F17K	Baldwin Pennin	P	P	04 06 50.5 -0.6
F17K	baz=114	S	S	04 14 59.1 -0.8
M11K	Mekoryuk	P	P	04 06 50.3 -0.9
M11K	baz=106	S	S	04 15 01.3 +1.1
SALV	Santo Antonio	eP	P	04 06 51.6 -0.5
E18K	Tukpahearik C	P	P	04 06 51.6 -0.8
E18K	baz=115,SNR=21	S	S	04 15 01.7 -0.6
A22K	Sinclair Lake	P	P	04 06 51.7 -0.6
A22K	baz=123	S	S	04 15 02.1 -0.1
TMAB	Tom-Au,PA,Br	eP	P	04 06 56.6 +2.8
PRPB	Parauapebas	eP	P	04 06 54.5 +0.7
B20K	Meade River	P	P	04 06 52.9 -0.2
B20K	baz=120	S	S	04 15 04.5 +1.0
E17K	Hotham Inlet	P	P	04 06 53.8 -0.5
E17K	baz=114	S	S	04 15 05.1 -1.0
G15K	Niukuk	P	P	04 06 54.4 -0.3
G15K	baz=111,SNR=6.4	S	S	04 15 05.7 -0.9
C19K	Lookout Ridge	P	P	04 06 55.1 -0.2
C19K	baz=117,SNR=25	S	S	04 15 08.3 +0.6
TBI	Tubuaj	ePKP1	P	04 06 53.4 -3.2
TBI	comp=Z,1.1um,25.2s	ePP	PP	04 09 08.7 -1.2
TBI	comp=Z,596nm,39.0s	eS	S	04 15 12.1 +1.9
TBI	comp=Z,5um,30.0s	eSS	SS	04 19 14.6 +6.4
TBI	comp=Z,2um,36.2s	eLR	LR	04 24 44.6
TBI	comp=Z,40um,24.5s	eLR	LR	04 24 47.4
TBI	comp=Z,9um,23.5s	eT	T	05 11 59.2
A21K	Barrow	S	S	04 15 09.1 -1.1
P08K	Saint George I	P	P	04 06 56.9 -0.1
UMMG	Ummannaq	eP	P	04 06 55.1 -2.0
ANM	Nome	I AMs_20	I AMs_20	04 33 43.6

ANM	Nome	60.49 334	P	P	04 06 57.1 -0.3
ANM	baz=109	S	S	04 15 10.1 -1.6	
VA06	Catapico	60.50 147	P	P	04 06 58.4 +0.6
VA06	comp=Z,4.3nm,0.9s	I Amb	I Amb	04 07 00.8	
C18K	Utukok River	60.50 340	I AMs_20	I AMs_20	04 33 02.5
C18K	comp=Z,4um,19.0s	P	P	04 06 56.8 -0.7	
C18K	baz=115,SNR=16	S	S	04 15 07.4 -4.4	
UPNV	Upernivik	60.53 15	eP	P	04 06 55.7 -1.8
DY2G	Dye2	60.59 23	iP	P	04 06 57.8 -0.5
F15K	North Star Dit	60.59 336	I AMs_20	I AMs_20	04 37 51.1
F15K	comp=Z,4um,18.0s	P	P	04 06 58.0 -0.1	
F15K	North Star Dit	60.59 336	P	P	04 06 58.0 -0.1
F15K	baz=110,SNR=19	S	S	04 15 11.5 -1.5	
NUUG	Nuugaatsiaq	60.61 17	iP	P	04 06 58.8 +0.8
NUUG	comp=Z,2.1nm,0.8s	I Amb	I Amb	04 07 00.5	
D17K	Noatak River	60.76 338	P	P	04 06 58.1 -1.0
D17K	baz=113,SNR=23	S	S	04 15 10.5 -4.4	
RDOG	Red Dog Mine	60.84 339	P	P	04 06 59.0 -0.7
RDOG	comp=Z,7.5nm,1.2s	I AMs_20	I AMs_20	04 33 54.3	
RDOG	comp=Z,2um,18.0s	P	P	04 06 59.0 -0.7	
SPIA	Saint Paul Is	60.91 326	P	P	

30d 3h

Table with columns for team names (e.g., LDASE Londrina, PTGB Pitanga), scores, and performance metrics. Includes sub-sections like 'Scoresbysund' and 'Paraibuna'.

2018 JUN

Table with columns for team names (e.g., PMOZ, PET, PETP), scores, and performance metrics. Includes sub-sections like 'Porto Santo' and 'Magadan'.

1714

Table with columns for team names (e.g., PTEO Sao Teotônio, PBRG Bragança), scores, and performance metrics. Includes sub-sections like 'Vila Bisbo' and 'Castelo Branco'.

30d 3h

Table with columns for country/region, name, date, time, and various codes. Includes entries for L'vov, Paolisi, Ussuriysk Ar., etc.

2018 JUN

Table with columns for country/region, name, date, time, and various codes. Includes entries for Santorini, Scott Base, BVAR, etc.

1716

Table with columns for country/region, name, date, time, and various codes. Includes entries for Gaotai, Nanchiao, Kurty, etc.

Table with columns: Station Name, Frequency, Mode, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like Guanzhou, Oodnadatta, Warramunga, etc.

Table with columns: OPO, PKPbc, PKIKP, and various signal quality metrics. Includes stations like Port Moresby, WRA, ASAR, etc.

Table with columns: Station Name, Frequency, Mode, and various signal quality metrics. Includes stations like Dawn, Rita Blanca, T25A, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sg, Ss, S, Res, Time, Res, ISC. Includes stations like FUSEA, CANEVA, BORDANO, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sg, Ss, S, Res, Time, Res, ISC. Includes stations like OZLJ, EUCT, CONA, etc.

ISN 30 06:08:05.04-0.3, 34.61N-46.21E, h13km, 4km, ML3.7
TEH 30 06:08:06.1, 34.61N-46.17E, h8km, 27km, ML3.7
IDC 30 06:08:10.25-5.3, 34.66N-45.98E, h33km, 34km, mb3.7/12

Main table with columns: Code, Station Name, Az, El, P, S, Pg, Sg, Ss, S, Res, Time, Res, ISC. Includes stations like IDHR, IGHG, KGS1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pg, Sg, Ss, S, Res, Time, Res, ISC. Includes stations like PANCS, COEG, SNVI, etc.

30d 6h

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Conchagua, La Laguna, Lomas de Alarc, etc.

NEIC 30 06:28:14.2... Error ellipse: s-maj=3.0km s-min=2.3km az=181.0

TUL 30 06:28:14.5... Error ellipse: s-maj=2.8km s-min=2.7km az=81.0, Oklahoma

Main station list table with columns: Code, Station Name, Elevation, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Hydro, Custer, Franklin, etc.

2018 JUN

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Nacogdoches, Woolly Hollow, University of, etc.

JMA 30 06:32:41.0... M3/3/15, TAIWAN REGION

TAP 30 06:32:42.2... M3/3/15, TAIWAN REGION

ISC 30 06:32:42.1... n134, e091/211, 24C-4D, Taiwan

Main station list table with columns: Code, Station Name, Elevation, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ruisui, Fenting Townsh, Wanrong, etc.

1722

Main station list table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Hehuan Shan, Chishang, Xinyi Township, etc.

1725 2018 JUN 30d 8h

Main table of astronomical observations for June 2018, listing station names, coordinates, and observation details.

NEIC 30 08:09:36.0±2.4, 31°44'S, 0°06'179.8W, 0.2, h329km, 7km, mb4.5/25, Error ellipse: s-maj=19.3km s-min=8.6km az=95.0

WEL 30 08:09:36.1±0.5, 32°56'17.8W, 1°3, h334km, 7km, M4.6/60, mb5.2/60, ML5.5/43, MLv5.4/54, Mw(mb)4.6/60, Error ellipse: s-maj=0.0km s-min=0.0km az=110.1, confirmed

NOU 30 08:09:36.1, 31°66'S, 179°11'W, h376km, mb4.4/35, Kermadec Islands Region, IDC 30 08:09:37.9±1.1, 31°30'S, 179°9'W, h345km, 10km, mb3.8/14, mbtmp4.4/15, Error ellipse: s-maj=15.0km s-min=1.2km az=89.0

ISC 30 08:09:37.4, 31°54'S, 0°05'179.51W, 0.08, h350km, n274, c182/290, mb4.4/28, 6D, Kermadec Islands Region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC, and other observation parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RNP88 Varash, RNP55 Starry Chortor, SORM Soroca, etc.

ADC 30 08:11:53.7-0.9, 13.23N:50.88E, h0km, mb3.9/14, mbtmp3.9/14, ML2.9/1, Error ellipse: s-maj=23.4km s-min=20.1km az=4.0

ISC 30 08:11:55.8-0.9, 13.22N:02.509E:0.1, h16km, n18, 0563/17, mb3.9/13, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, GEYT Alibeck, BRTR Keskin Array B, etc.

ADC 30 08:14:12.4-1.0, 13.22N:50.88E, h0km, mb3.8/13, mbtmp3.8/13, ML3.3/1, Error ellipse: s-maj=26.8km s-min=22.3km az=0.0

ISC 30 08:14:14.8-1.0, 13.22N:02.509E:0.1, h16km, n17, 0563/16, mb3.8/13, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GEYT Alibeck, BRTR Keskin Array B, KBZ Khabaz, etc.

ANF 30 08:14:13.9-0.1, 34.93N:116.66W, h15km, ML3.0/26, Error ellipse: s-maj=1.0km s-min=1.0km az=168.0

NEIC 30 08:14:14.6-1.0, 34.94N:01.11666W:0.01, h15km, 4km, Error ellipse: s-maj=1.5km s-min=1.5km az=121.0

PAS 30 08:14:15.0-0.9, 34.94N:0.002:116.66W:0.01, h8km, 8km, ML3.1/282, ML2.6/42(NEIC), Error ellipse: s-maj=1.5km s-min=0.2km az=83.0

ISC 30 08:14:17.0-0.8, 34.94N:0.01:116.66W:0.01, h16km, 6km, n12, 0558/151, Southern California

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HEC Hector, Ludlow, GSC Goldstone, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THC Tehachapi Micr, ISA Isabella, Lake, BOREC Borrego Spring, etc.

ADC 30 08:14:33.1-0.9, 13.24N:50.92E, h0km, mb4.0/15, mbtmp4.0/17, ML3.1/2, Error ellipse: s-maj=22.8km s-min=18.7km az=178.0

NEIC 30 08:14:34.8-1.5, 13.11N:0.1x51.1E:0.1, h10km, 2km, mb4.4/16, Error ellipse: s-maj=22.1km s-min=15.4km az=37.0

ISC 30 08:14:35.0-0.8, 13.11N:0.1x50.9E:0.09, h16km, n38, 0511/38, mb4.3/21, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAYN Ar Rayn, WSAR Wadi Sarin, KMB0 Kilima Mbogo, etc.

NOU 30 08:23:40.7, 1542S:16736E, h7km, MLV4.6/12, Vanuatu Islands, Vanuatu Islands

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

30d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like LDUT, STYT, WCKO, etc.

BUIJ 30 08:47:40.9-0.0,36:82N:71.02E,h236km,m4.5/24,mB4.7/9
MOS 30 08:47:40.3-1.0,36:67N:71.09E,h229km,m4.5/23,Error ellipse: s-maj=6.4km s-min=3.9km az=86.6
IDC 30 08:47:41.4-0.5,36:55N:71.09E,h230km,m4.4km,mB3.9/25,mbtmp4.5/33,Error ellipse: s-maj=9.6km s-min=8.0km az=14.0
NEIC 30 08:47:41.9-1.9,36:70N:0.06E-71.01E,0.09,h228km,6km,mB4.4/35,Error ellipse: s-maj=10.3km s-min=9.2km az=107.0
NNC 30 08:47:41.3-4.4,37:09N:71.12E,h0km,mB4.7,mpv4.5,Error ellipse: s-maj=34.5km s-min=25.6km az=177.0
ISC 30 08:47:40.7-0.3,36:61N:0.04E-71.13E,0.04,h223km,3km,h223km:pP-P,n234,1884/296,mB4.4/67,14C-15D,

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like GAR, CHGR, SIMJ, KBL, etc.

2018 JUN

Main station list table with columns: DDI, Station Name, Az, Phase ID, Time, Res, and various station identifiers like Dehra Dun, Baital, Uzb, etc.

1728

Main station list table with columns: GOF, Station Name, Az, Phase ID, Time, Res, and various station identifiers like Gofitskoye, SHA1, KIV, etc.

Table with columns: ID, Name, Value, Unit, Date, and other details. Includes entries like SCRK Sand Creek, RND Reindeer, M13K Dail L...

Table with columns: ID, Name, Value, Unit, Date, and other details. Includes entries like BTO comp=Z,540nm,23.4s, BNI Bardonecchia, LZH Lanzhou...

Table with columns: ID, Name, Value, Unit, Date, and other details. Includes entries like KURBB Kurchatov Arra, BVAR comp=Z,0.6nm,1.0s, IDC 30 09:58:58.2...

IDC 30 11:07:15.7:0.8, 8:30S; 13:44W, h0km, mb4.0/11, mbmp4.0/11, MS3.9/25, Error ellipse: s-maj=39.6km s-min=19.2km az=116.0

NEIC 30 11:07:16.9:1.7, 8:1S; 0.1: 13:68W; 0.05, h10km, 1km, mb4.5/12, Error ellipse: s-maj=24.3km s-min=6.6km az=193.0

GCMT 30 11:07:18.0:0.4, 8:29S; 0.06: 13:61W; 0.03, h22km, 1km, MW4.8/70, Moment Tensor Solution. s17,c18; s70,c86; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.62z; 21; Mw=0.62z; 12; Mw=0.20z; 13; Mw=0.28z; 29; Mw=0.07z; 08; Mw=0.04z; 19; Best double couple: M2,32500x10^16

NP13a:0.0000°, 245.0000°, 1-93.0000°; NP2: 0:178.0000°, 845.0000°, 1-97.0000°. Principal axes: T 2.0050, P1g1.0000°, Azm93.0000°; N 0.6380, P1g5.0000°, Azm183.0000°; P -2.6450, P1g65.0000°, Azm356.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30 11:07:17.0:0.6, 8:25S; 0.1: 13:68W; 0.07, h10km, n48, e1521/27, mb4.3/15, MS3.9/24, Ascension Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like ASCN Ascension, DBIC Dimbokro, RCBR Riachuelo, TOAO Torodi Ar. Sit, etc.

NEIC 30 11:20:51.4:1.4, 5:45S; 0.1: 154:3E; 0.1, h132km, 8km, mb4.3/20, Error ellipse: s-maj=17.4km s-min=12.4km az=222.0

IDC 30 11:20:55.0:3.3, 5:45S; 154:21E, h169km, 29km, mb3.7/13, mbmp4.2/14, Error ellipse: s-maj=22.0km s-min=14.0km az=81.0

ISC 30 11:20:49.0:5.5, 5:37S; 0.08: 154:33E; 0.08, h118km, n49, e1508/51, mb4.2/26, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

Table with columns: WBO, IAMB, IAMB, Time, Res, h, m, s, ISC. Lists stations like WB2 Warrunguna Arr, WRA Warrunguna Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like STKA Stephens Creek, VANDA Vanda, O14K Tigiyukauvet M, etc.

IDC 30 11:27:41.6:1.6, 3:21S; 166:16E, h0km, mb3.8/9, mbmp3.9/12, ML3.8/3, Error ellipse: s-maj=30.5km s-min=22.9km az=165.0

TEH 30 11:27:42.7:3.2, 47N; 50:12E, h9km, 34km, ML3.6, mb4.4/6, Error ellipse: s-maj=16.1km s-min=6.2km az=52.0

DSN 30 11:27:51.1:2.1, 3:21S; 166:16E, h15km, ML3.2/6, Error ellipse: s-maj=91.7km s-min=18.7km az=57.0

ISC 30 11:27:42.4:0.5, 3:21S; 166:16E; 0.03, h11km, n72, e1957/73, mb4.2/19, Northern and central Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like JHBN Jahan bin, IBRJ Brojen, ICAR Gharah, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like BRTR Keskin Array B, BR13 Keskin Array B, ABKAR Abkudak array, etc.

IDC 30 11:33:37.8:1.5, 55:45N; 166:58E, h0km, mb3.2/2, mbmp3.5/5, ML3.0/3, Error ellipse: s-maj=56.2km s-min=21.5km az=156.0

KRSC 30 11:33:38.9:1.1, 55:31N; 166:45E, h39km, 7km, M13.7, ISC 30 11:33:40.1:1.0, 55:35N; 166:58E; 0.06, h20km, n32, e1511/48, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like BKI Bering, KBT Krutoberegovo, BZGR Bezymyanni-Gr, etc.

IDC 30 11:54:01.9:9.3, 16:24N; 147:04E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=35.2km s-min=26.3km az=82.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND H, H11S2 WAKE ISLAND Hy, etc.

0.3nm,0.4s,baz=94,slow=7.2,SNR=6.2
0.3nm,0.4s

IDC 30 12:05:00.7±0.9,8.26S:13:75W,h0km,mb4.2/13,
mbmp4.2/13,MS3.8, Error ellipse: s-maj=47.6km
s-min=19.8km az=113
NEIC 30 12:05:03.1±1.1,8.31S:0:08.13:81W:0.07,h10km,1km,
mb4.7/13, Error ellipse: s-maj=15.8km s-min=6.7km
az=37.0
GCMT 30 12:05:05.1±0.4,8.27S:0:05.13:54W:0.03,h24km,1km,
MW4.9/76,Moment Tensor Solution. s1,c15; s76,c94;
Duration: 0 Moment tensor: Scale 10¹⁶N; Mr=2.45±.22;
Mw=0.21±.13; Mw2.24±.14; Mw=0.21±.21; Mw=0.11±.07;
Mr=0.85±.16; Best double couple: Mw2.50600±10¹⁶
NP1.367.00000°,δ55.00000°,λ-86.00000°. NP2:
φs180.00000°,δ35.00000°,λ-95.00000°. Principal axes:
P1: 2.3990, Plg10.0000°, Azm94.0000°; N 0.2160,
Plg3.0000°, Azm184.0000°; P 2.6120, Plg79.0000°.
Az2291.00000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 30 12:05:02.9±0.5,8.28S:0:05.13:79W:0.05,h10km,n119,
α1532/88,mb4.6/42,MS3.8/37,3C-1D,Ascension Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASCN Ascension, H10N1 ASCENSION HYDR, H10N11 Ascension Hydr, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MOA Mollin, ROSC El Rosal, RONA Rosal, CONA Conrad Observa, GEC2 GERESS Array S, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SOEI Soe, DORS Darwin Rock St, etc.

HVO 30 13:10:06.4±1.2,19.40N:0.01±155:275W±0.009,
h=0km,ML4.0/8,mb4.3/8(NEIC),ML3.2/29(NEIC), Error
ellipse: s-maj=1.8km s-min=1.3km az=167.0
NEIC 30 13:10:07.2±1.1,19.39N:0.02±155:275W±0.008,
h3km,1km, Error ellipse: s-maj=2.5km s-min=1.1km
az=183.0
IDC 30 13:10:10.8±1.5,19.90N:155:17W,h0km,mb3.8/4,
mbmp3.8/4, Error ellipse: s-maj=54.7km s-min=16.5km
az=150.0

ISC 30 13:10:08.3±0.8,19.40N:0.05±155:28W:0.03,h10km,n41,
α1569/33,mb4.2/8,Hawaiian Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RIM Rim, KKO Keanakakoi I, SDHHI Sand Hill, OBL Observatory Le, etc.

R18K	baz=204 Karluk	77.75	13	P	P	13 44 29.8	+0.2	N25K	Chitina, Valde	83.64	15	P	P	13 45 00.1	+0.3	PRP	Porcupine Dome	86.78	13	P	P	13 45 15.1	+0.2	
Q17K	baz=203 Contact Creek	78.11	12	P	P	13 44 31.6	0.0	F14K	Arctic Creek	83.65	5	P	P	13 44 59.9	+0.2	F21K	Alatina River	86.85	9	P	P	13 45 15.3	+0.3	
CWC	baz=202 Cottonwood Cre	78.23	42	P	P	13 44 32.9	0.0	M24K	baz=191 Tolona, Glenn	83.69	14	P	P	13 45 00.5	+0.4	G22K	baz=203 Bettles	86.89	10	P	P	13 45 15.3	+0.1	
Q16K	baz=201 King Salmon	78.36	11	P	P	13 44 33.6	+0.9	GLB	Gilahina Butte	83.70	16	I	Amb	13 45 01.2		G23K	baz=207 Bananza Creek	86.96	11	P	P	13 45 15.7	+0.1	
KD4K	baz=205 Kodiak Island	78.36	14	P	P	13 44 33.5	+0.7	DUG	comp=Z,6.0mm,0.7s Dugway, Tootele	83.72	44	P	P	13 44 59.9	-1.0	M31M	baz=207 Drury Creek, Y	86.99	19	P	P	13 45 15.8	-0.1	
KD4K	comp=Z,5.4mm,0.9s, baz=250,slow=5.0,SNR=6.5 Kodiak Island	78.36	14	P	P	13 44 33.2	+0.4	WAT6	baz=204 Susitna Watana	83.74	14	P	P	13 45 01.1	+0.6	DAWY	baz=206 Dawson	87.03	16	P	P	13 45 16.5	+0.5	
BELC	baz=239 Belle Mtn. Jos	78.39	48	P	P	13 44 33.6	-0.1	WAT1	baz=209 Susitna Watana	83.78	13	P	P	13 45 00.8	+0.3	BW06	baz=216 Boulder Array	87.09	43	P	P	13 45 17.4	+0.4	
MPMC	baz=238 Manual Prospec	78.43	46	P	P	13 44 33.7	-0.3	J20K	baz=202 Nowinta River	83.93	10	P	P	13 45 01.1	0.0	PDAR	comp=Z,1.1mm,0.7s, baz=233,slow=2.9,SNR=11 Pinedale Array	87.09	43	P	P	13 45 17.7	+0.6	
N14K	baz=201 Kuskokwak Cree	78.73	8	P	P	13 44 35.3	+0.6	KTH	baz=203,SNR=5.8 Kantishna Hill	83.94	12	I	Amb	13 45 01.3		I26K	comp=Z,1.1mm,0.7s Coal Creek Min	87.13	14	P	P	13 45 16.6	+0.3	
P17K	baz=196,SNR=5.3 Kvichak River	78.88	11	P	P	13 44 35.0	-0.5	KTG	comp=Z,5.9mm,0.8s Chitna glacier	83.97	17	P	P	13 45 01.8	+0.2	BOZ	baz=241 Bozeman (W)	87.13	40	P	P	13 45 17.0	0.0	
O16K	baz=199 Kokwok River B	78.97	10	P	P	13 44 35.9	-0.1	CHUM	baz=215 Lake Minchumin	83.98	11	P	P	13 45 00.7	-0.7	EGAK	baz=215 Eagle	87.16	15	P	P	13 45 16.8	+0.2	
Q20K	baz=205 Shuyak Island	79.15	13	P	P	13 44 37.6	+0.6	O28M	baz=204 Mount Upton	84.14	18	P	P	13 45 02.2	-0.3	F22K	baz=205 John River	87.32	10	P	P	13 45 17.8	+0.6	
NVAR	comp=Z,1.3mm,0.6s, baz=218,slow=8.4,SNR=15 Mina Array Bea	79.16	44	P	P	13 44 38.9	+1.1	O29M	baz=217 Mount Kennedy	84.23	19	P	P	13 45 03.3	+0.4	K29M	comp=Z,4.9mm,1.1s Barlow Dome	87.35	17	I	Amb	I	13 45 20.1	
Q19K	baz=204 Cape Douglas,	79.18	13	P	P	13 44 37.3	+0.1	G17K	baz=193 Kiwalik Mounta	84.25	7	P	P	13 45 02.0	-0.6	K29M	baz=218 Barlow Dome	87.35	17	P	P	13 45 18.0	+0.4	
N15K	baz=197 Kwethluk River	79.20	9	P	P	13 44 37.6	+0.5	PLBC	baz=220 Pleasant Camp	84.26	20	P	P	13 45 02.4	-0.4	H25L	baz=210 Birch Creek	87.37	12	P	P	13 45 17.1	-0.4	
P18K	baz=197 Big Mountain,	79.29	12	P	P	13 44 37.8	0.0	HLID	baz=209 Hailey	84.39	41	P	P	13 45 04.5	+0.4	COLD	baz=206 Goldot	87.39	10	P	P	13 45 18.1	+0.5	
P18K	comp=Z,7.1mm,0.8s Big Mountain,	79.29	12	P	P	13 44 37.4	-0.4	BP4W	baz=206 Bear Paw Mtn.	84.43	12	P	P	13 45 03.3	-0.3	D19K	baz=199 Kuna River	87.41	7	P	P	13 45 17.1	-0.6	
O17K	baz=202 Kologanek Bris	79.31	11	P	P	13 44 37.8	+0.1	I20K	baz=206 Naaghedeneel	84.45	10	P	P	13 45 04.5	+0.9	G24K	baz=209 Hadzeenzic Riv	87.42	12	P	P	13 45 17.7	-0.1	
M14K	baz=196 Bethel	79.50	8	P	P	13 44 39.3	+0.6	P30M	baz=208 Million Dollar	84.59	19	P	P	13 45 05.1	+0.6	E20K	baz=201 Nigu River	87.43	8	P	P	13 45 17.5	-0.3	
M15K	baz=197 Kasigluk River	79.62	9	P	P	13 44 39.4	0.0	T35M	baz=219 Bol Quinn	84.60	24	P	P	13 45 04.8	+0.2	SDCO	baz=201 Great Sand Dun	87.67	49	P	P	13 45 19.8	-0.2	
O16K	baz=199 Nishilik Lake	79.69	10	P	P	13 44 40.5	+0.7	PAX	baz=225 Paxson	84.60	14	P	P	13 45 04.3	-0.2	I27K	baz=214 Kandik River	87.73	14	P	P	13 45 19.1	-0.1	
N18K	comp=Z,1.3mm,0.9s Koktuh Hills	79.72	11	I	Amb	I	13 44 40.1		YUK8	baz=211 Steele Glacier	84.67	17	P	P	13 45 05.7	+0.6	G25K	baz=210 Bearman Lake	87.75	12	P	P	13 45 19.5	+0.3
O18K	comp=Z,1.3mm,0.9s Koktuh Hills	79.72	11	P	P	13 44 40.1	+0.1	M26K	baz=216 Nabesna, AK	84.72	16	P	P	13 45 05.6	+0.5	D20K	baz=200 Etlvuk River	87.81	8	P	P	13 45 18.9	-0.6	
TPNV	baz=202 Topopah Spring	79.75	46	P	P	13 44 40.3	-0.6	YUK6	baz=213 Outpost Mounta	84.81	18	P	P	13 45 06.3	+0.5	C19K	baz=198 Lookout Ridge	87.83	6	P	P	13 45 20.0	+0.3	
P19K	baz=204 Oil Pt	79.93	12	P	P	13 44 41.0	0.0	H19K	baz=201 Roundabout Mou	84.83	9	P	P	13 45 05.4	0.0	TOAD	baz=229 Toad River Com	87.83	24	P	P	13 45 20.2	+0.3	
L14K	baz=195 Kuka Creek	79.98	7	P	P	13 44 41.9	+0.7	G18K	baz=202 Tagagawik	84.87	8	P	P	13 45 05.6	-0.1	E21K	baz=203 Killik River	87.91	9	P	P	13 45 20.6	+0.6	
N17K	baz=195 Nushagak Hills	80.00	10	P	P	13 44 41.5	+0.1	YUK3	baz=216 Moose Creek	84.88	17	P	P	13 45 06.1	+0.1	E22K	baz=205 Anaktuvuk Pass	87.95	10	P	P	13 45 20.6	+0.4	
J05D	comp=Z,6.4mm,0.8s Fort Rock, OR	80.10	38	I	Amb	I	13 44 44.9		S34M	baz=224 Telegraph Cree	84.93	23	P	P	13 45 06.6	+0.5	I28M	baz=205 Miner Creek	88.01	15	P	P	13 45 20.4	-0.2
M16K	baz=200 Timber Creek	80.19	9	I	Amb	I	13 44 44.8		HYT	baz=218 Haines Junctio	84.97	19	P	P	13 45 07.3	+0.9	F24K	comp=Z,3.4mm,0.7s Squaw Lake	88.06	11	I	Amb	I	13 45 22.2
M16K	baz=198,SNR=11 Timber Creek	80.19	9	P	P	13 44 43.8	+1.5	M27K	comp=Z,6.4mm,1.0s Edge Creek, AK	84.97	16	I	Amb	I	13 45 08.2		E23K	baz=207 Chandalar	88.24	10	P	P	13 45 22.2	+0.6
O19K	comp=Z,1.4mm,0.8s Port Alsworth	80.21	12	I	Amb	I	13 44 43.2		H20K	baz=202 Antoleneeka, AK	85.03	9	P	P	13 45 07.2	+0.7	J30M	baz=219 Hart River	88.25	17	P	P	13 45 22.4	+0.6
O19K	comp=Z,1.4mm,0.8s Port Alsworth	80.21	12	P	P	13 44 42.6	+0.2	YUK4	baz=202 Talbot Arm	85.05	18	P	P	13 45 07.0	+0.2	H27K	baz=214 Steamboat Moun	88.27	14	P	P	13 45 22.0	+0.2	
ILSW	comp=Z,8.5mm,0.8s Iliamna Southw	80.25	12	I	Amb	I	13 44 43.3		F17K	baz=196 Baldwin Pennin	85.08	7	P	P	13 45 07.0	+0.4	G26K	baz=212,SNR=6.3 Porcupine Rive	88.38	13	P	P	13 45 22.8	+0.7
HOM	baz=205 Homer	80.27	13	P	P	13 44 43.3	+0.6	L26K	baz=202 Log Cabin Wild	85.16	15	P	P	13 45 07.7	+0.6	E24K	baz=208 Your Creek	88.45	11	P	P	13 45 23.2	+0.6	
K13K	baz=193 Kusilvak Mount	80.33	6	P	P	13 44 41.8	-1.2	I21K	comp=Z,9.9mm,1.5s Tanana	85.22	11	I	Amb	I	13 45 08.4		C21K	baz=202 Knifeblade Rid	88.46	8	P	P	13 45 23.3	+0.8
N18K	baz=201 Kilae Creek	80.37	11	P	P	13 44 42.9	-0.4	I21K	baz=205 Tanana	85.22	11	P	P	13 45 07.0	-0.3	D22K	baz=204 Aiykyak River	88.50	9	I	Amb	I	13 45 23.8	
L15K	baz=196 Ungalak Mounta	80.46	8	P	P	13 44 44.3	+0.6	P32M	baz=222 Nanana	85.24	21	P	P	13 45 07.5	-0.1	D22K	baz=204 Aiykyak River	88.50	9	P	P	13 45 23.6	+0.9	
BRSE	baz=206 Bradley Lake S	80.54	14	P	P	13 44 44.0	-0.2	NEA2	baz=208 Nanana	85.24	12	P	P	13 45 07.6	+0.1	F25K	baz=219 Christian River	88.55	12	P	P	13 45 23.8	+0.8	
PINE	comp=Z,6.5mm,0.9s Pine Mountain	80.57	38	I	Amb	I	13 44 47.5		K24K	baz=208 Donnelly Dome	85.25	14	P	P	13 45 07.5	-0.1	BMAR	baz=218 Burr Mountain	88.62	12	P	P	13 45 23.9	+0.6
N19K	comp=Z,6.5mm,0.9s Bonanza Creek	80.75	11	P	P	13 44 44.7	-0.7	Q32M	baz=211 Nakina River	85.28	22	P	P	13 45 08.3	+0.3	G27K	baz=214 Doyon Strip	88.72	14	P	P	13 45 24.1	+0.2	
L16K	comp=Z,6.8mm,0.9s Owhat River	80.76	9	I	Amb	I	13 44 47.4		NEW	baz=203 Newport	85.30	36	P	P	13 45 07.9	-0.3	A19K	baz=214 Wainwright	88.74	6	P	P	13 45 24.7	+1.0
L16K	baz=198,SNR=7.3 Owhat River	80.76	9	P	P	13 44 46.5	+1.2	MLY	baz=206 Manley	85.31	11	P	P	13 45 08.1	+0.2	I30M	comp=Z,3.2mm,1.1s Mount Dempster	88.74	16	I	Amb	I	13 45 25.2	
M17K	comp=Z,1.4mm,0.9s Holitna River	80.78	10	I	Amb	I	13 44 47.9		G19K	baz=203 Purcell Mounta	85.32	8	P	P	13 45 08.5	+0.7	I30M	baz=219 Mount Dempster	88.74	16	P	P	13 45 24.4	+0.4
M17K	comp=Z,1.4mm,0.9s Holitna River	80.78	10	P	P	13 44 46.4	+1.0	WRH	comp=Z,1.4mm,1.3s Wood River Hil	85.33	13	I	Amb	I	13 45 08.6		833A	baz=249 Chapparral WMA,	88.75	60	P	P	13 45 24.5	-0.3
R11B	baz=200,SNR=7.2 Troy Canyon, C	80.93	45	P	P	13 44 47.6	+0.7	O30N	baz=210 Mendenhall	85.36	19	P	P	13 45 08.6	+0.4	TOLK	baz=207 Toolik Lake Re	88.77	10	P	P	13 45 24.3	+0.3	
K15K	baz=196 Wolf Creek Mou	81.05	8	P	P	13 44 47.5	+0.8	HDA	baz=220 Harding Lake	85.52	13	P	P	13 45 08.9	+0.1	D23K	baz=206 Nanushuk River	88.88	10	P	P	13 45 24.8	+0.4	
L17K	baz=199,SNR=5.2 Donlin	81.34	9	P	P	13 44 49.7	+1.5	H21K	baz=204 Melozitna Rive	85.52	10	P	P	13 45 08.8	-0.1	B21K	baz=202 Ikkipuk River	88.91	8	P	P	13 45 25.4	+0.9	
TUC	baz=243 Tucson	81.39	52	P	P	13 44 49.8	+0.5	CCB	comp=Z,1.2mm,1.4s Clear Creek Bu	85.55	13	I	Amb	I	13 45 09.4		F26K							

30d 15hp

Table with columns: SCM, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Altna River, Bananza Creek, Eielson Array, etc.

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Table with columns: LON, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Longmire, Amboy, KSRS, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like SAUI, BNDI, SOEI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes sub-sections like NEIC 30 16:05:02.21.1, 19:40N, 01:155:280W, 0:007, h3km, 2km, Error ellipse: s-maj=1.6km s-min=0.8km az=192.0.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes sub-sections like NEIC 30 16:15:50.7, 0.35:885N, 0:008:97:27W, 0:01, h5km, 5km, Error ellipse: s-maj=1.7km s-min=1.0km az=116.0.

30d 17h

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X40A Basin Creek Fa, WLAR White Oak Lake, SN07 Snyder 07, WHAR Woolly Hollow, FCAR Ozark Folk Cen, UALR University of, SN05 Snyder 5, RTBA Rita Blanca, Z41A Richard Creek, R40A Maddies Statio, P38A Dawn, LCAR Lake Charles, 435B Jarrel, T42A Van Buren, KSCO Kaye Shedlock, CCM Cathedral Cave, P40A Paris, PBMO Poplar Bluff, ODSA Odessa, FVM French Village, T25A Trinidad, OZNA Ozona, L34A Svendsen Farm, CGM3 Cape Girardeau, MNHN Monahans, OXF Oxford, SCIA State Center, Q24A Divide, K30B Basset, PECS Pecos, SAND Sanders, ALPN Alpine, L40A Anamosa, VHRN Van Horn, PHWY Pilot Hill, N23A Red Feather La, L42A Oliver, I37A Lemond, Waseca, I40A Norwalk.

NEIC 30 17:03:06.0.1.5, 19.418N, 0.008-155.248W, 0.006, h5km, 1km, Error ellipse: s-maj=1.6km s-min=1.3km az=75.0
TUL 30 16:35:51.4.0.5, 35.888N, 0.010-97.28W, 0.011, h7km, ML2.8, mb_Lg2.6/57(NEIC), ML2.9/57(NEIC), Error ellipse: s-maj=1.4km s-min=1.2km az=177.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, ADOK Arcadia Dam, OK031 S. Brethren Rd, OK052 Battle Ridge R, OKCSW OKLAHOMA CITY, QUOK Quay, OK048 Pawnee Station, DEOK Depew, FNO Franklin, OK051 E0350 and S346, W35A Tecumseh, CROK Carrye, GC02 Grant County #, KAN13 South Haven SW, CSTR Leonard, OK032 Salt Plains WL, T35A Sooner Cattle, KAN14 Manchester OK, TUL3 Leonard, KAN17 Caldwell West, KAN09 Caldwell North, KAN05 Bluff City Nor, KAN01 Argonia South, OK038 West end C0370, X34A Smith Ranch, M, KAN06 Argonia West S, KAN08 Anthony NE Sta, U32A Winter Ranch, KAN12 Harper NE Stat, NOKA Waynoka, WMOK Wichita Mounta, RLO Rose Lookout, LOOK Love County, X37A Clayton, SMWD Samnorwood.

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Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MIAR Mount Ida, CBK5 Cedar Bluff, DKNS Dickens, AMTX Amarillo, X40A Basin Creek Fa, SN07 Snyder 07, WHAR Woolly Hollow, FCAR Ozark Folk Cen, SN05 Snyder 5, MGMO Mountain Grove, RTBA Rita Blanca, R40A Maddies Statio, P38A Dawn, BRDY Brady, T42A Van Buren, N35A Tabor, CCM Cathedral Cave, P40A Paris, PBMO Poplar Bluff, JCT Junction City, T25A Trinidad, OZNA Ozona, CGM3 Cape Girardeau, MNHN Monahans, HNDO Hondo, Q24A Divide, DRIO Del Rio, SAND Sanderson, WVT Waverly.

NEIC 30 17:03:06.0.1.5, 19.418N, 0.008-155.248W, 0.006, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.6km az=326.0
HVO 30 17:03:06.0.0.9, 19.419N, 0.009-155.274W, 0.008, h1km, 2km, ML3.6/38, ML3.3/38(NEIC), Error ellipse: s-maj=1.2km s-min=1.1km az=186.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UJWB Uwekahuna B, OBL Observatory Le, SBLHI Steaming Bluff, HATHI Halema'uma'u T, BYL Byron's Ledge, UJWE Uwekahuna, KKO Keenakako I, RIM Rim, WRMH West Rim, SDHHI Sand Hill, RSD Rained, PUIH Puaui, KNHH Kane Nui o Ham, HLP Hilina Pali, MLH Mauna Loa, MLH, STCH Steam Cracks, STCH, STCH, NPOC North of Pu'u, JACUZ Jacuzzi, HTC Hot Caves, JOKA Jonika Flow, JOKA, JOKA, HMH Humu'ua Sheep, HMH, HMH, MLOA Mauna Loa Obse, MLOA, MLOA, MWH Moku'aweo, PAH Paha, KHU Kahuku, KHU, KHU, ALEP Alea Permanent, ALPEA Peahakuloa, HPO Honuapu, HUH Hualalai, CPH Captain Cook, HPAH Hawaii Prepara, HPAH Hawaii Prepara, HMK Haleakala, HHL Honolulu Airopr, HON Honolulu, KIP Kipapa, KEKH Kekaha.

TAP 30 17:30:58.4, 24.82N, 122.53E, h22km, ML2.5, D JMA 30 17:30:59.0, 0.2, 25.5 N, 122.6E, 0.6, h35km, 3km, MV2.1/10, NW OFF ISHIGAKIJIMA IS
ISC 30 17:30:58.4, 10.2482N, 0.003-122.54E, 0.002, h25km, 1km, n65, c052/103, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like E0S2, YJNG Yonagunijimaku, YJNG, TWB1 Santiao Chiao, TWB1, EGS, EGS, YOJ Yonaguni jima, YOJ, YOJ, YOJ.

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Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, E0S3 E0S3, E0S3, TWC Suao, TWC, SXI1, SXI1, TIPB Shuangxi, TIPB, E0S4 E0S4, E0S4, WFSB Wu-fen Shan, WFSB, WFSB, WFSB, ENA Nanau, ENA, ENA, FUSB Fushanzhiwuyua, FUSB, EAHA Aohua, EAHA, TWA Mucha, TWA, ENT1 Nioudou, ENT1, ENT1, ENT1, YM01 YM01, YM01, YM01, NWLT Wulian, NWLT, NDT Datong Townshi, NDT, NDT, LATG Datong, LATG, LATG, TATO Taipei, TATW Chenhua, TATW, TATW, ANP Anpu, ANP, TWS1 Kuangyinshan, TWS1, TWS1, YHNB Yeheng, YHNB, YHNB, NACB Ninganchiao, NACB, NACB, NSK Sangungu, NSK, NSK, NNSB Datong, NNSB, NNS, NNS, TWD Chiawan, TWD, IRIF Irif, IRIF, ETM Tongmen, ETM, LXIB Xiulin Townshi, LXIB, NFF Wufeng Townshi, NFF, NFF, WHF Hehuan Shan, WHF, WHF, TWT Tachien, TWT, TDCB Tech, TDCB, ESL Shilin, ESL, CHGB Renai, CHGB, JKRS Kuro-shima, JKRS, OWD Ruro-shima, OWD, WARBT Fenglin Townsh, WARBT, JIJ Ishigaki jima, JIJ, JIJ, WHP Renai, WHP, WHP, WVDW WVDW, WVDW, WCS Wengmen Elemen, WCS, HGSD Ruisui, HGSD, EHY Hungye, EHY, SMLT Sun Moon Lake, SMLT, SSSL Suanglung, SSSL, SSSL, YULB Yu-li, YULB.

Table with 4 columns: WHYT, Xinyi Township, 1.90 234 eP, Pb, 17 31 31.2 -1.2

Table with 4 columns: FULB, Fuli, 1.97 215 eP, Pn, 17 31 30.4 +0.2

IDC 30 17:40:31.1±1.1, 13°28'N±0.90'E, h0km, mb3.9/4, mbmp3.8/5, ML2.9/1, Error ellipse: s-maj=25.3km s-min=20.4km az=108.0

NEIC 30 17:40:31.9±1.4, 13°08'N±0.90'E±0.06'h, h10km±1km, mb4.4/49, Error ellipse: s-maj=16.4km s-min=8.9km az=200.0

ISC 30 17:40:32.3±0.6, 13°09'N±0.09'E±0.08'h, h16km, n69, c0927/0, mb4.3/35, Eastern Gulf of Aden

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC, P, M, S, C

Table with 4 columns: NVAR, Mina Array Bea, 127.77 349 PKP, PKIKP, 17 59 39.8 +1.4

NEIC 30 17:41:44.7±1.1, 5°35'S±0.1, 150°9'E±0.2, h100km±9km, mb4.1/18, Error ellipse: s-maj=25.0km s-min=15.4km az=117.0

IDC 30 17:41:45.1±5.4, 5°36'S±150.89'E, h105km±44km, mb3.6/5, mbmp4.6/6, Error ellipse: s-maj=68.9km s-min=25.5km az=108.0

ISC 30 17:41:44.2±0.8, 5°45'S±0.1, 150°9'E±0.1, h100km, n30, c0653/32, mb4.0/12, New Britain region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC, P, M, S, C

Table with 4 columns: GHAJ, Ghor Haditha, 22.80 324 P, P, 17 48 30.2 +0.2

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC, P, M, S, C

NVAR Mina Array Bea 127.55 349 PKP PKIKP 18 02 34.6 +0.9
TXAR Lajitas Array 131.01 300 PKP PKPdf 18 02 39.6 -0.2

NEIC 30 17:58:06.0, 1.9, 17:22S:0:06:69W:0.1, h178km, 7km,
mb4.8/8, Error ellipse: s-maj=17.2km s-min=2.2km
az=122.0

GUC 30 17:58:07.6, 0.7, 17:28S:69:70W, h174km, 4km, ML4.0
IDC 30 17:58:07.9, 1.7, 17:25S:69:45W, h175km, 9km, mb3.7/6,
mbmp4.2/8, MS3.6/3, Error ellipse: s-maj=25.9km
s-min=18.0km az=108.0

ISC 30 17:58:05.8, 0.7, 17:22S:0:05:69:57W:0.08, h173km, 6km,
n47, c1970/60, mb4.3/8, 3C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB18, AP01, LPAZ, G001, PB11, HMBC, TA01, PATCX, PB01, PB09, PB04, LVC, AC01, VB06, SAML, ITAB, BDFB, BOAV, PLCA, SDV, BBGH, MG05, CELP, DBIC, ULM, TORD, VNDA, ESDC, BBB, SONM, PZH.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DBIC, MKAR, KIRV, ASAR, WRA, TXAR.

IDC 30 18:46:49.5, 0.7, 20:58S:175:28W, h0km, mb3.8/7,
mbmp3.9/9, ML3.7/2, Error ellipse: s-maj=27.2km
s-min=22.7km az=131.0

NEIC 30 18:46:58.6, 1.3, 20:6S:0:2:175:1W:0.1, h70km, 9km,
mb4.5/10, Error ellipse: s-maj=26.3km s-min=15.3km
az=165.0

ISC 30 18:46:57.1, 0.5, 20:57S:1:17:17S:21W:0.08, h57km, n34,
c0962/23, mb4.0/11, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NIUE, MSFV, RAR, LIFUC, URZ, TUWZ, PYZ, CTAO, ASAR, WBO, WRA, VNDA, BELA, NVAR, K15K, H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, TXAR, J20K, BVLR, CLL, BRTR, MMAT, GERES, TXAR, SISI, PBI, GSI, PDSI, PPSI, SPSI, BKNI, BKNI, SPSI, SPSI, MNAI, MNAI, IPM, KULM, KASI, CMAR, PHRA, CHTO, CRAI, QIZ, H02S2.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H02S3, H02S1, MTN, H01W3, H01W2, H01W1, WBO, WRA, WBO, WRA, ASAR, RER, COEN, KRSR, SONM, SONM, MK31, MKAR, MKAR, MAKZ, ZAAO, ZAAO, ZALV, ZALV, BVAR, BVAR, ABKAR, H04N2, H04N1, H04N3, H04S1, H04S2, SPITS, TXAR.

IDC 30 19:06:26.7, 1.5, 51:44S:139:57E, h0km, mb3.4/3,
mbmp3.4/4, ML3.7/1, MS3.4/5, Error ellipse:
s-maj=122.8km s-min=26.4km az=84.0, Western
Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA, STKA, H01W1, NWA0, H01W2, H01W3, VNDA, ASAR, WRA, MAW, PMG, H04S1, H04S2, H04S3, SNA4, H02S2, H02S1, H02S3, H03S2, H03S1, H03S3, GERES.

SJA 30 19:54:14.0, 0.8, 30:53S:71:51W, h14km, 2km, ML3.5,
MWV.5

GUC 30 19:54:17.0, 0.6, 30:56S:71:40W, h65km, 16km, ML3.6
ISC 30 19:54:13.9, 1.4, 30:53S:0:02:71:50W:0.04, h6km, 11km,
n38, c169/68, ID, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G004, CO03, CO03, CO02, CO01, CO01, LCO, LCO, AROD, AROD, AC05, AC05.

IDC 30 18:10:38.1, 2.5, 6:78S:129:67E, h0km, mb3.3/1,
mbmp3.2/3, ML2.9/2, Error ellipse: s-maj=147.2km
s-min=34.1km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, ASAR, ASAR, MKAR, MKAR, IDC, IDC, IDC, OPO, OPO, MATP, MBAR, BOSA, BOSA.

30d 20h

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like ACDV Cuesta del Vie, ACDO Cerro Coronel, ACCO Reserva Natura, etc.

NEIC 30 20:02:31.1±1.2, 60.01N±0.03±153.08W±0.06, h134km, 2km, Error ellipse: s-maj=5.2km s-min=4.0km az=218.0

AEIC 30 20:02:32.8±1.6, 60.00N±0.03±153.06W±0.07, h123km, 3km, ML3.4, ML3.5/17B(NEIC), Error ellipse: s-maj=5.3km s-min=4.9km az=117.0

IDC 30 20:02:34.0±0.8, 60.41N±153.02W, h130km, 70km, mb3.3/2, mbmp3.7/4, Error ellipse: s-maj=73.3km s-min=37.7km bz=24.0

ISC 30 20:02:31.5±0.8, 60.00N±0.04±153.01W±0.03, h133km, 6km, n333, a0588/359, Southern Alaska

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like IVE Iliamna Volcan, O20K Slope Mountain, OPT Oil Point, etc.

Table with columns: Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like N19K Bonanza Creek, BRLK Bradley Lake, O18K Koktuh Hills, etc.

Table with columns: Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like KNK Knik Glacier, GHO Glory Hole Cre, P16K Nushagak River, etc.

Table with columns: I/O, Station, Az, El, Pn, Res, Time, Res, I/O. Includes stations like Tigyukauivert M, BMRM, KAIM, HMT, CHIR, N25K, J17K, L15K, M14K, BWN, SUCK, WACK, CHGN, PAX, K15K, GRIN, I20K, VRDI, KHIT, L14K, CRQM, NEA2, VNHG, WRH, WAX, MCARA, TGL, K24K, MLY, I21K, H21K, HDA, CCB, MENT, ISLE, M26K, I23K, COLA, MDM, MESA, MESA, IL31, ILAR, H20K, D0T, YAH, GRNC, H21K, H21K, H18K, H18K, POKR, H19K, SCRK, SCRK, J25K.

Table with columns: I/O, Station, Az, El, Pn, Res, Time, Res, I/O. Includes stations like CTG, CTGM, M27K, H17K, H22K, H22K, K13K, H23K, L27K, GCAR, YUK2, CNBA, H24K, H24K, J26L, J26L, YUK3, PINM, O28M, O28M, S12K, PRP, PRP, G21K, YUK8, YUK8, BCPM, G23K, G23K, PNL, PNL, PNL, H25L, H25L, G24K, F20K, F19K, F19K, O29M, F21K, EGAK, YUK6, YUK6, COLD, COLD, M29M, FYU, G25K, F22K, F22K, I27K, P29M, E19K, HYT, L29M, L29M, ISLZ, F24K, F24K, N30M, N30M, G26K, I28M, H27K, H27K, E18K, K29M, F25K, BMAR, E24K, O30N, E21K, G27K, F26K, WHY, D23K, D23K, C21K, C21K, F28M, F28M, SIT, JIS, D25K, C23K, C23K, CRAG, ADK, YKA, ZALV, MKAR, Code, Station, Az, El, Pn, Res, Time, Res, I/O. Includes stations like CTG, CTGM, M27K, H17K, H22K, H22K, K13K, H23K, L27K, GCAR, YUK2, CNBA, H24K, H24K, J26L, J26L, YUK3, PINM, O28M, O28M, S12K, PRP, PRP, G21K, YUK8, YUK8, BCPM, G23K, G23K, PNL, PNL, PNL, H25L, H25L, G24K, F20K, F19K, F19K, O29M, F21K, EGAK, YUK6, YUK6, COLD, COLD, M29M, FYU, G25K, F22K, F22K, I27K, P29M, E19K, HYT, L29M, L29M, ISLZ, F24K, F24K, N30M, N30M, G26K, I28M, H27K, H27K, E18K, K29M, F25K, BMAR, E24K, O30N, E21K, G27K, F26K, WHY, D23K, D23K, C21K, C21K, F28M, F28M, SIT, JIS, D25K, C23K, C23K, CRAG, ADK, YKA, ZALV, MKAR, Code, Station, Az, El, Pn, Res, Time, Res, I/O.

Table with columns: I/O, Station, Az, El, Pn, Res, Time, Res, I/O. Includes stations like OTAV, ANTS, IMBA, NNA, TEIG, TXAR, TXAR, SAND, SAND, ALPN, SDV, LPAZ, BAUV, BAUV, H03N2, H03N1, H03N3, X18A, ANMO, LVC, X37A, X37A, MIAR, MIAR, PFO, LRAL, WHAR, SAM, T25A, MVCO, MVCO, PLAL, PCRV, LCAR, LCAR, SDCO, FPAL, FPAL, MGMO, SWET, PBMO, T42A, T42A, V48A, V48A, S39A, S39A, CGM3, CGM3, CPCT, CPCT, BG3, BG3, R40A, CCM, CCM, FVM, FVM, TKL, TKL, TKL, U49A, U49A, PAULI, PAULI, BO04, BO04, TMUT, V53A, V53A, KMSC, KMSC, TZTN, NVAR, NVAR, P40A, DUG, R49A, ELK, HVU, PD31, PDAR, PDAR, PDAR, N47A, P52A, RSSD, RSSD, FXWY, FXWY, PLCA, PPT, PPT2, IMW, IMW, FLWY, HLID, YBH, RLMT, RLMT, TBI, TBI, I07A, I07A, CPUP, SADO, SADO, NEWP, NEWP.

ICD 30:20:09:04.2:1.3:3:56S:104:50W,h0km,mb3.5/6, mbmp3.5/6,MS3/737, Error ellipse: s-maj=146.4km s-min=30.0km az=87.0 NEIC 30:20:09:04.2:1.3:3:46S:0:10:103:4W:0:2, h10km,1km, mb4.5/61, Error ellipse: s-maj=29.7km s-min=5.8km az=238.0 ISC 30:20:09:04.7:0.8:3:4S:0:1:103:3W:0:1,h10km,n121, s=1177,mb4.5/36,MS3/837,Central East Pacific Rise comp=E,0.2nm,0.6s,baz=5,slow=4.7,SNR=2.8 comp=E,0.2nm,0.6s

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Table with columns: TWA, Mucha, 0.64 280 P, Pn, 20 55 35.5 +0.1, etc. Lists various stations and their coordinates.

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Table with columns: TYC, Yuchr, 1.62 234 eP, Pn, 20 55 46.2 +0.3, etc. Lists stations and their coordinates.

30d 21h

Table with columns: RTZ, Ruatuhuna, 21.06 199 P, P, 21 06 05.6 0.0, etc. Lists stations and their coordinates.

SHOC	Shoshone, Teco	77.45	42	P	P	21 13 13.0	-0.7
NVAR	Minna Array Bea	77.62	42	P	P	21 13 14.2	-0.5
KSR5	Korea Array	77.76	317	P	P	21 13 13.6	-1.5
214A	Organ Pipe Nat	77.78	50	P	P	21 13 14.4	-1.0
OHAK	Old Harbor	77.80	12	P	P	21 13 15.4	+0.6
R18K	Karluk	77.90	11	P	P	21 13 15.3	-0.1
PDMCI	Parker Dam,Lak	78.07	47	P	P	21 13 16.3	+0.6
TPNV	Topopah Spring	78.10	44	P	P	21 13 16.0	-1.2
Q17K	Contact Creek	78.32	10	P	P	21 13 17.9	0.0
KDAK	Kodiak Island	78.45	12	P	P	21 13 18.9	+0.5
O15K	Ungalikthiuk R	78.62	8	P	P	21 13 19.3	-0.1
P16K	Nushagak River	78.73	9	P	P	21 13 19.9	0.0
SMAI	San Martin Ant	79.06	159	P	I Amb	21 13 22.1	+0.3
P17K	Kvichak River	79.12	9	P	P	21 13 22.3	+0.3
N14K	Kuskokwak Cree	79.13	7	P	P	21 13 22.3	+0.2
O16K	Kokwok River B	79.26	8	P	P	21 13 22.1	-0.7
Q20K	Shuyak Island	79.26	12	P	P	21 13 21.9	-1.0
R11B	Troy Canyon, C	79.32	43	P	P	21 13 22.5	-1.5
Q19K	Cape Douglas,	79.33	11	P	P	21 13 22.9	-0.4
USRK	Ussuriysk Ar.	79.38	324	LR	LR	21 13 22.3	-2.3
TUC	Tucson	79.44	51	P	P	21 13 22.6	-1.6
P18K	Big Mountain,	79.50	10	P	I Amb	21 13 24.0	-1.9
P18K	Big Mountain,	79.50	10	P	I Amb	21 13 24.0	-1.9
N15K	Kwethluk River	79.55	7	P	P	21 13 22.6	-1.9
O17K	Koliganek Bris	79.57	9	P	P	21 13 22.9	-1.6
M14K	Bethel	79.91	6	P	P	21 13 25.0	-1.3
O18K	Koktuh Hills	79.94	10	P	I Amb	21 13 25.4	-1.2
O18K	Koktuh Hills	79.94	10	P	P	21 13 25.0	-1.6
M15K	Kasigluk River	80.00	7	P	P	21 13 25.2	-1.6
N16K	Nishlik Lake	80.02	8	P	P	21 13 27.5	+0.6
P19K	Oil Pt	80.09	11	P	P	21 13 26.9	-0.5
N17K	Nushagak Hills	80.28	9	P	P	21 13 29.0	+0.6
M16K	Timber Creek	80.52	8	P	P	21 13 29.8	+0.2
N18K	Kllee Creek	80.62	9	P	P	21 13 29.3	-0.9
WUAZ	Wupatki	80.64	48	P	P	21 13 29.2	-1.9
BELA	Belgrano 2	80.83	172	P	I Amb	21 13 31.2	-0.1
K13K	Kusilivak Mount	80.83	5	P	P	21 13 30.8	-0.5
L15K	Ungalik Mounta	80.87	6	P	P	21 13 31.0	-0.5
N19K	Bonanza Creek	80.97	10	P	P	21 13 31.5	-0.7
MDJ	Mudanjiang	80.99	323	P	P	21 13 35.3	+2.8
M17K	Holitna River	81.09	8	P	P	21 13 32.2	-0.4
L16K	Owhat River	81.13	7	P	P	21 13 32.2	-0.6
NJ2	Nanjing	81.27	308	P	P	21 13 36.0	+1.7
K15K	Wolf Creek Mo	81.47	6	P	I Amb	21 13 34.8	+0.2
L17K	Wolf Creek Mo	81.47	6	P	P	21 13 34.2	-0.4
L17K	Donlin	81.68	8	P	P	21 13 35.0	-0.7
CRAG	Craig	81.90	22	P	P	21 13 36.8	-0.2
L18K	Granite Mounta	81.98	8	P	P	21 13 37.0	-0.3
L18K	Granite Mounta	81.98	8	P	P	21 13 36.8	-0.5
L19K	White Mountain	82.21	9	P	P	21 13 38.9	+0.3
K17K	Iditarod	82.25	8	P	P	21 13 38.4	-0.3
V35K	Ketchikan	82.35	23	P	P	21 13 39.2	-0.1
L20K	Farewell, AK	82.64	10	P	P	21 13 40.4	-0.4
KLR	Kul'dur	82.72	328	LR	LR	21 46 19.8	
J17K	VABM Dome	82.81	7	P	P	21 13 41.3	-0.3
BNX	BinXian	82.90	323	P	P	21 13 43.3	+0.8
HLID	Hailey	82.98	39	P	P	21 13 42.8	-0.5
MA2	Magadan	83.02	343	LR	LR	21 46 53.3	
BMRM	Bremner River	83.07	14	P	P	21 13 42.7	-0.4
VHRM	Van Horn	83.08	54	P	P	21 13 43.5	-0.5
J18K	Innokov River	83.17	8	P	P	21 13 43.6	+0.1
MNTX	Cornus Mount	83.19	53	P	P	21 13 43.5	-0.8
K20K	Telida	83.44	9	P	P	21 13 44.6	-0.2
TX31	Lajitas Ar. Si	83.47	56	P	I Amb	21 13 44.3	-1.6
TX31	Lajitas Ar. Si	83.47	56	P	I Amb	21 14 15.7	
TXAR	Lajitas Array	83.47	56	P	P	21 13 45.1	-0.8
MVCO	Mesa Verde	83.50	47	P	P	21 13 44.7	-1.4
R32K	Eaglecrest	83.62	20	P	P	21 13 45.6	-0.3
N25K	Chitina, Valde	83.63	14	P	P	21 13 45.5	-0.5
H16K	Elim	83.70	5	P	P	21 13 45.9	-0.2
P29M	Windy Craggy	83.72	18	P	P	21 13 46.6	+0.1
M24K	Tolsona, Glenn	83.73	13	P	P	21 13 46.5	+0.1
CAST	Castle Rocks	83.81	10	P	P	21 13 46.5	-0.3
J19K	Poorman	83.82	8	P	P	21 13 47.4	+0.6
WAT6	Susitna Watana	83.83	12	P	P	21 13 46.3	-0.8
CTG	Chitna Glacier	83.86	16	P	P	21 13 47.2	-0.1
ANMO	Albuquerque	83.87	50	P	P	21 13 46.8	-1.2
G15K	Alukruk	83.91	5	P	P	21 13 47.7	+0.6
O28M	Mount Upton	84.00	16	P	P	21 13 48.2	+0.1
O29M	Mount Kennedy	84.04	17	P	P	21 13 48.8	+0.6
T35M	Bob Quinn	84.10	23	P	P	21 13 49.3	+0.9
NEW	Newport	84.15	35	P	P	21 13 49.1	+0.2
J20K	Nowinta River	84.20	9	P	P	21 13 48.2	-0.5
HARP	HAARP	84.21	13	P	P	21 13 49.2	+0.4
CHUM	Lake Minchumim	84.21	10	P	P	21 13 48.9	+0.1
H17K	Granite Mounta	84.22	6	P	P	21 13 49.5	+0.7
MAW	Mawson	84.23	199	P	P	21 13 50.1	+1.1
F14K	Arctic Creek	84.23	3	P	P	21 13 49.7	+0.9
H03S2	Juan Fernandez	84.33	124	T	T	22 46 42.7	
H03S1	Juan Fernandez	84.34	124	T	T	22 46 43.7	
H03S3	Juan Fernandez	84.47	124	T	T	22 46 41.4	
DHY	Denali Highway	84.35	12	P	P	21 13 49.7	0.0
P30M	Million Dollar	84.36	18	P	P	21 13 50.1	+0.4
G16K	Koyuk River	84.44	5	P	P	21 13 50.8	+1.0
H03N2	Juan Fernandez	84.45	123	T	T	22 46 47.1	
H03N3	Juan Fernandez	84.45	123	T	T	22 46 51.7	
H03N1	Juan Fernandez	84.47	123	T	T	22 46 37.3	
YUK8	Steele Glacier	84.54	16	P	P	21 13 50.3	-0.6
F15K	North Star Dit	84.57	4	P	P	21 13 50.8	+0.3
H18K	Honhosa River	84.59	7	P	P	21 13 51.1	+0.4
BPAW	Bear Paw Mtn.	84.63	10	P	P	21 13 51.7	+0.8
YUK6	Outpost Mounta	84.63	17	P	P	21 13 51.7	+0.5
PAX	Paxson	84.65	13	P	P	21 13 51.4	+0.3
MCK	McKley	84.65	11	P	P	21 13 51.1	+0.1
G17K	Kiwaliik Mounta	84.69	6	P	P	21 13 51.1	0.0
M26K	Nabesna, AK	84.70	14	P	P	21 13 51.6	+0.3
HYT	Haines Junctio	84.78	17	P	P	21 13 52.1	+0.3
YUK3	Moose Creek	84.78	16	P	P	21 13 51.7	-0.3
YUKA	Talbot Ar	84.89	17	P	P	21 13 52.4	-0.1
Q32M	Nakina River	84.90	21	P	P	21 13 52.7	+0.1
P32M	Atlin	84.92	20	P	P	21 13 53.2	+0.7
M27K	Edge Creek, AK	84.92	15	P	P	21 13 51.6	-1.0
O20A	White River Ci	85.11	45	P	P	21 13 53.0	-1.1
O30N	Mendenhall	85.13	18	P	P	21 13 53.3	-0.2
H19K	Rotabout Mou	85.18	8	P	P	21 13 53.0	-0.6
DLBC	Dease Lake	85.27	22	P	P	21 13 53.0	-1.3
G18K	Tagawak	85.28	7	P	P	21 13 53.0	-1.2
K24K	Donnelly Dome	85.33	12	P	P	21 13 53.4	-1.0
H20K	Anotneega Mo	85.35	8	P	P	21 13 54.2	-0.3
WHY	Whitehorse	85.40	18	P	P	21 13 53.9	-1.1
N30M	Aishikik Lake	85.41	17	P	P	21 13 54.5	-0.5
NEA2	Nearham	85.41	11	P	P	21 13 53.6	-1.2
I21K	Tanana	85.47	9	P	P	21 13 55.2	+0.1
WRH	Wood River Hil	85.48	11	P	I Amb	21 13 54.1	-1.0
MLY	Manley	85.53	10	P	I Amb	21 14 25.8	
MLY	Manley	85.53	10	P	I Amb	21 13 53.9	-1.5
L27K	Beaver Creek,	85.54	14	P	P	21 13 55.4	-0.1
F17K	Baldwin Pennin	85.56	5	P	P	21 13 54.6	-0.8
HEH	Heihe	85.56	327	P	P	21 13 56.0	+0.2
PDAR	Pinedale Array	85.56	42	P	P	21 13 55.5	-0.9
PDAR	Pinedale Array	85.56	42	P	P	21 14 24.8	-0.7
PDAR	Pinedale Array	85.56	42	P	P	21 13 55.3	-1.1
HDA	Harding Lake	85.64	12	P	P	21 13 54.5	-1.4
HDA	Harding Lake	85.64	12	P	I Amb	21 14 21.4	-3.6
HDA	Harding Lake	85.64	12	P	I Amb	21 14 26.4	
R33M	Jennings River	85.66	21	P	P	21 13 55.9	-0.4
P33M	Teslin, Yukon	85.69	20	P	P	21 13 55.7	-0.6
G19K	Purcell Mounta	85.70	7	P	P	21 13 55.3	-0.9
BOZ	Bozeman (W)	85.76	39	P	P	21 13 55.5	-1.6
H21K	Mozoitina River	85.80	9	P	P	21 13 56.2	-0.5
H21K	Mozoitina River	85.80	9	P	I Amb	21 14 24.7	-1.2
H21K	Mozoitina River	85.80	9	P	I Amb	21 14 28.7	
H21K	Mozoitina River	85.80	9	P	P	21 13 56.1	-0.5
N31M	Braeburn, Yuko	85.80	18	P	P	21 13 55.6	-1.2
M29M	Sonn Creek	85.85	16	P	P	21 13 56.1	-1.1
SDCO	Great Sand Dun	85.85	48	P	P	21 13 55.5	-2.5
SCRK	Sand Creek	85.85	13	P	P	21 13 56.2	-0.9
SCRK	Sand Creek	85.85	13	P	P	21 13 56.9	-0.2
F18K	Selawik	85.86	6	P	P	21 13 56.5	-0.4
I23K	Minto, Yukon-K	85.87	10	P	P	21 13 56.2	-0.8
COLA	College	85.89	11	P	P	21 13 56.0	-1.0
COLA	College	85.89	11	P	P	21 13 56.6	-0.5
DRI0							

30d 23h

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like ASAR Alice Springs, ZALV Zalesovo Beam, MK31 Makanchi Array, etc.

NEIC 30 22:40:04.8-0.7, 36.99N, 01:01:97.50W, 0.01, h4km, 2km, Error ellipse: s-maj=1.8km s-min=1.0km az=211.0

Table with columns: Code, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like KAN13 South Haven SW, BLOK Blackwell, GCO2 Grant County #, etc.

2018 JUN

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like MGMO Mountain Grove, DKNS Dickens, R40A Maddies Station, etc.

NEIC 30 23:13:23.5-1.0, 19.414N, 0:00:8.155, 295W, 0:00:8, h5km, 1km, Error ellipse: s-maj=1.8km s-min=1.4km az=49.0

HVO 30 23:13:23.4-0.7, 19.419N, 0:00:6.155, 293W, 0:00:8, h0km, 4km, ML3.5/36, ML3.0/40(NEIC), Error ellipse: s-maj=1.1km s-min=0.9km az=96.0, Hawaiian Islands

Table with columns: Code, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like UWKE Uwekahuna, OBL Observatory Le, WRMH West Rim, etc.

SKHL 30 23:24:27.0-0.7, 45.00N, 149:20E, h111km, 4km, mb4.6/3, msha5.4/3

JMA 30 23:24:29.1-0.8, 45.0N, 149:20E, h30km, MV4.0/13, NEAR ETOHOFU ISLAND

IDC 30 23:25:07.4-2.2, 50.58N, 154.46E, h208km, 23km, mb3.0/4, mbmp3.4/6, MS2.5/1, Error ellipse: s-maj=30.8km s-min=22.0km az=154.0

ISC 30 23:24:25.8-1.4, 44.8N, 0:11:49.4E, 0:1, h109km, 9km, n24, c248/34, mb3.4/3, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like KUR Kuril'sk, SHO Shikotan, SHO Shikotan, etc.

IDC 30 23:33:00.7-14.0, 18:08S, 167:42E, h0km, mb3.8/3, mbmp3.8/4, ML3.3/1, Error ellipse: s-maj=237.5km s-min=40.1km az=72.0, Vanuatu Islands

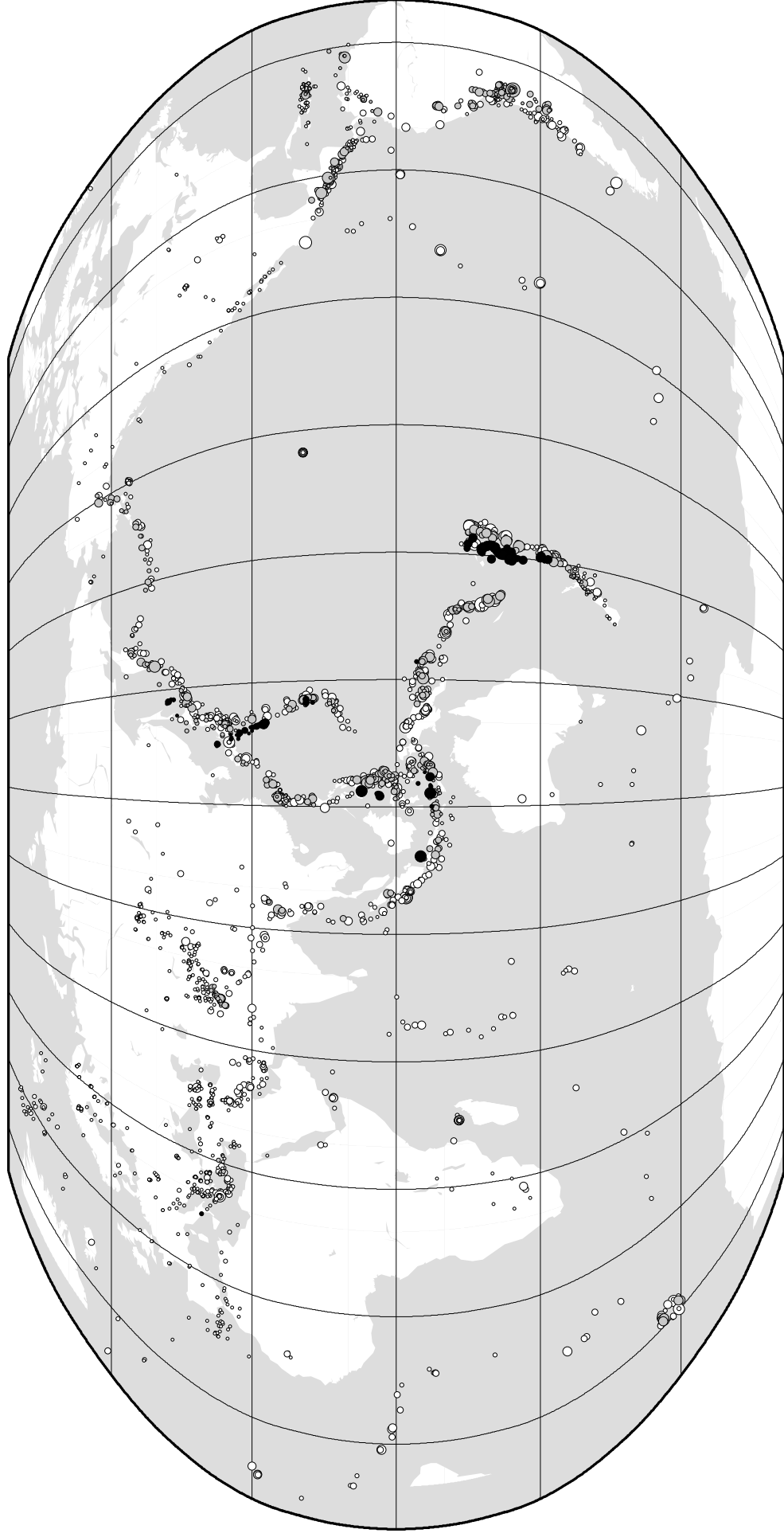
Table with columns: Code, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, etc.

1750

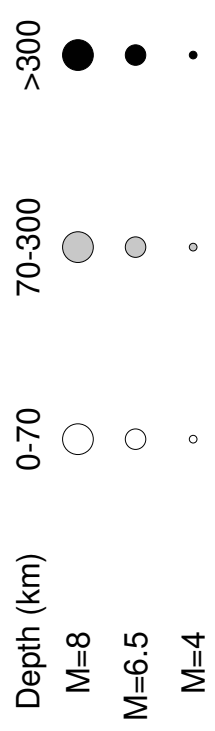
Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like DZM Mont Dzumac, DZM Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC Computed Locations for June 2018



Robinson Projection, centred on 0°N,130°E



2738 Events