

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

FRG	Chuyagaron	54.85 327	eS	pP	00 14 40.0 +2.5
CHGR	Maitube	54.88 336	P	P	00 14 25.3 -1.5
SOHO	SOHO	54.92 305	iP	P	00 14 28.8 +1.4
UCH	Uchtor	54.95 334	P	P	00 14 28.3 +0.4
BTK	Batken	55.01 329	P	pmax	00 14 28.1 +0.2
BTK	Batken	55.01 329	P	P	00 14 28.1 +0.2
TKM2	Tokmak 2	55.05 335	P	P	00 14 28.5 +0.2
KBK	Karagaybulak	55.11 334	P	P	00 14 29.5 +0.8
VLA	Vladivostok	55.24 250	iP	P	00 14 29.1 -0.2
AML	Almalyashu	55.24 333	P	P	00 14 30.3 +0.4
AML	Almalyashu	55.24 333	iP	P	00 14 30.1 +0.2
CHKK	Chushkaly	55.26 337	eP	P	00 14 28.0 -1.5
AAK	Ala-Archa	55.29 334	P	P	00 14 30.5 +0.6
AAK	Ala-Archa	55.29 334	iP	P	00 14 30.3 +0.3
AAK	Ala-Archa	55.29 334	iP	pmax	00 14 30.3 +0.3
AAK	Ala-Archa	55.29 334	P	IAMB	00 14 29.9 0.0
AAK	Ala-Archa	55.29 334	P	IAMB	00 14 48.8
AAK	Ala-Archa	55.29 334	IAMS_20	IAMS_20	00 42 39.4
FRU1	Bishkek	55.37 334	P	P	00 14 30.8 +0.4
FRU1	Chumysh	55.47 334	P	P	00 14 30.1 -0.1
FRU1	Bishkek	55.37 334	P	P	00 14 30.8 +0.4
CHMS	Chumysh	55.47 334	P	P	00 14 30.1 -0.1
ALNE	Al Ain	55.52 305	iP	P	00 14 33.5 +1.7
ALNE	Al Ain	55.52 305	P	P	00 14 33.4 +1.6
ALNE	Kurty	55.55 336	iP	P	00 14 31.2 -0.4
KUU	Kurty	55.55 336	iP	pmax	00 14 31.2 -0.4
ASHO	Ashyiah	55.55 305	iP	P	00 14 33.5 +1.5
UOSS	Minazif	55.55 306	P	P	00 14 33.1 +1.1
UOSS	Minazif	55.55 306	P	P	00 14 32.4 +0.4
HATD	Hatta, Dubai	55.56 306	iP	P	00 14 33.7 +1.7
MDJ	Mudanjiang	55.58 22	P	P	00 14 31.3 -0.5
MDJ	Mudanjiang	55.58 22	P	pmax	00 14 31.2 -0.5
MDJ	Mudanjiang	55.58 22	P	IAMB	00 14 32.7
EKS2	Erkin-Say	55.62 334	P	P	00 14 33.0 +0.7
MDH	Madha	55.64 306	iP	P	00 14 33.1 +0.5
TDK	Taldyogorhan	55.69 338	iP	P	00 14 32.4 -0.2
TDK	Taldyogorhan	55.69 338	eS	S	00 22 14.6 -1.5
TDK	Taldyogorhan	55.69 338	iP	P	00 14 32.4 -0.2
TDK	Taldyogorhan	55.69 338	eS	pmax	00 22 14.6 -1.5
JMM	Marumori	55.70 35	P	IAMB	00 14 31.3 -1.5
JMM	Marumori	55.70 35	P	IAMB	00 14 33.2
HNR	Honiara	55.77 97	P	P	00 14 31.5 -2.3
HNR	Honiara	55.77 97	P	pmax	00 14 31.5 -2.3
HNR	Honiara	55.77 97	P	MLR	00 14 31.5 -2.3
HNR	Honiara	55.77 97	P	P	00 14 31.5 -2.3
MSFE	Esma-Masafi	55.78 306	P	P	00 14 35.4 +1.8
MASF	Masafi	55.78 306	P	P	00 14 35.5 +1.8
MASF	Masafi	55.78 306	P	P	00 14 35.5 +1.8
USP	Ospenovka	55.80 334	P	P	00 14 33.8 +0.3
ZSN	Zaisan	55.84 345	iP	P	00 14 34.3 +0.6
ZSN	Zaisan	55.84 345	eS	S	00 22 16.1 -1.9
ZSN	Zaisan	55.84 345	eS	P	00 14 34.2 +0.6
ZSN	Zaisan	55.84 345	eS	pmax	00 22 16.1 -1.9
SGDS	Sogindy	55.89 335	iP	P	00 14 33.7 -0.4
SGDS	Sogindy	55.89 335	eS	S	00 22 18.2 -0.7
FAQ	Al Faqa, Dubai	55.96 305	iP	P	00 14 36.5 +1.6
FAQ	Al Faqa, Dubai	55.96 305	P	P	00 14 36.5 +1.6
FAQ	Al Faqa, Dubai	55.96 305	P	P	00 14 36.5 +1.6
MK31	Makanchi Array	55.97 342	P	pmax	00 14 34.4 -0.2
MK31	Makanchi Array	55.97 342	P	IAMB	00 14 34.4 -0.2
MK31	Makanchi Array	55.97 342	P	P	00 14 34.5 -0.1
MKAR	Makanchi Array	55.97 342	P	S	00 22 20.0 +0.2
MKAR	Makanchi Array	55.97 342	LR	LR	00 42 48.5
NAZ	Nazwa, Dubai	56.01 306	iP	P	00 14 36.7 +1.5
NAZ	Nazwa, Dubai	56.01 306	P	P	00 14 36.9 +1.6
NAZ	Nazwa, Dubai	56.01 306	P	P	00 14 36.9 +1.6
MAK2	Makanchi	56.08 342	P	P	00 14 34.9 -0.5
MAK2	Makanchi	56.08 342	P	pmax	00 14 34.9 -0.5
MAK2	Makanchi	56.08 342	MLR	MLR	00 14 34.9 -0.5
MAK2	Makanchi	56.08 342	P	IAMB	00 14 36.4
ASUD	Al Ashush, Dub	56.12 305	iP	P	00 14 38.0 +2.0
HRA	Herat	56.15 319	P	P	00 14 35.8 -0.6
USA0B	Ussuriysk Arra	56.17 24	P	P	00 14 35.8 -0.2
USA0B	Ussuriysk Arra	56.17 24	P	pmax	00 14 35.8 -0.2
USA0B	Ussuriysk Arra	56.17 24	P	P	00 14 35.8 -0.2
USA0B	Ussuriysk Arra	56.17 24	P	P	00 14 35.8 -0.2
ZAK	Zakamensk	56.23 360	eP	P	00 14 36.4 -0.1
ZAK	Zakamensk	56.23 360	eP	pmax	00 14 36.4 -0.1
YBZ	Yangibazar	56.56 330	eP	P	00 14 39.0 0.0
YBZ	Yangibazar	56.56 330	eS	pP	00 14 51.0 +0.5
TGS	TashGRES	56.59 330	iP	P	00 14 40.0 +0.2
TAS	Tashkent	56.73 329	P	pmax	00 14 40.0 -0.1
TAS	Tashkent	56.73 329	P	pmax	00 14 40.0 -0.1
TAS	Tashkent	56.73 329	P	P	00 14 40.0 -0.1
HIA	Hailar	56.87 12	P	P	00 14 40.4 -0.5
HIA	Hailar	56.87 12	P	pmax	00 14 40.4 -0.5

HIA	Hailar	56.87 12	P	MLR	00 14 40.4 -0.5
HIA	Hailar	56.87 12	P	IAMB	00 14 41.4
HIA	Hailar	56.87 12	IAMS_20	IAMS_20	00 39 41.0
DZA	Taraz	56.92 332	eP	P	00 14 39.3 -2.1
DZA	Taraz	56.92 332	eS	S	00 22 30.3 -2.2
DZA	Taraz	56.92 332	eP	P	00 14 39.3 -2.1
DZA	Taraz	56.92 332	eS	P	00 22 30.2 -2.2
IUG	Iuzhnay	56.97 331	iP	P	00 14 41.9 -0.1
IUG	Iuzhnay	56.97 331	eS	S	00 22 32.0 -1.4
IUG	Iuzhnay	56.97 331	iP	P	00 14 41.8 -0.1
IUG	Iuzhnay	56.97 331	eS	P	00 22 31.9 -1.4
VOI	Vohtsoka	57.10 248	P	P	00 14 43.6 +0.3
VOI	Vohtsoka	57.10 248	P	P	00 14 58.9 +1.6
DGZ	Jazzator, Alta	57.33 348	iP	P	00 14 45.0 +0.6
DGZ	Jazzator, Alta	57.33 348	P	pmax	00 14 45.0 +0.6
DGZ	Jazzator, Alta	57.33 348	P	MLR	00 14 45.0 +0.6
KK31	Karatay Array	57.47 332	iP	P	00 14 44.6 -0.7
KK31	Karatay Array	57.47 332	P	P	00 14 44.6 -0.7
KKAR	Karatay Array	57.47 332	P	pmax	00 14 44.6 -0.7
KKAR	Karatay Array	57.47 332	P	pmax	00 14 44.6 -0.7
KKAR	Karatay Array	57.47 332	P	P	00 14 44.6 -0.7
LHI	Lord Howe Isla	57.48 124	IAMB	IAMB	00 14 45.2 -0.4
LHI	Lord Howe Isla	57.48 124	IAMB	IAMB	00 15 01.6
MOY	Mondy	57.57 358	eP	P	00 14 46.3 +0.4
MOY	Mondy	57.57 358	eP	pmax	00 14 46.3 +0.4
JTM	Tenabayashi	57.88 33	P	P	00 14 46.9 -1.3
IRK	Irkutsk	58.10 0	eP	P	00 14 49.2 -0.3
IRK	Irkutsk	58.10 0	eP	pmax	00 14 49.2 -0.3
CIT	Chita	58.48 7	eP	P	00 14 52.6 +0.3
CIT	Chita	58.48 7	e	P	00 15 07.4
CIT	Chita	58.48 7	e	pmax	00 15 38.0
SEM	Semipalatinsk	59.81 343	iP	P	00 15 01.0 -0.8
SEM	Semipalatinsk	59.81 343	iS	S	00 23 08.3 -2.0
SEM	Semipalatinsk	59.81 343	iP	P	00 15 00.9 -0.8
SEM	Semipalatinsk	59.81 343	iS	pmax	00 23 08.2 -2.0
ERM	Erimo	59.86 330	iP	P	00 15 01.0 -0.9
ERM	Erimo	59.86 330	P	pmax	00 15 01.0 -0.9
ERM	Erimo	59.86 330	P	IAMB	00 15 20.2
ERM	Erimo	59.86 330	P	IAMS_20	00 40 44.6
KLR	Kul'dur	60.27 210	iP	P	00 15 03.7 -0.9
KLR	Kul'dur	60.27 210	P	MLR	00 15 03.7 -0.9
CASY	Casey	60.28 177	P	S	00 15 04.9 +0.5
KURBB	Kurchatov Arra	60.52 342	S	S	00 23 19.6 +0.7
KURBB	Kurchatov Arra	60.52 342	P	P	00 15 05.5 -0.8
OTUK	Orsk	60.71 336	P	P	00 15 06.8 -0.9
GEYT	Alibek	60.93 320	P	P	00 15 10.0 +0.6
GEYT	Alibek	60.93 320	LR	LR	00 44 00.9
GYA0B	ALIBECK Arra	60.93 320	P	IAMB	00 15 09.6 +0.2
GYA0B	ALIBECK Arra	60.93 320	P	IAMB	00 15 25.1
ASAJ	Asahikawa	61.02 31	LR	LR	00 42 14.3
ASAJ	Asahikawa	61.02 31	P	pmax	00 15 09.3 -0.5
ASAJ	Asahikawa	61.02 31	P	pmax	00 15 09.3 -0.5
JKA	Kamikawa-asahi	61.02 31	P	IAMB	00 15 09.3 -0.5
JKA	Kamikawa-asahi	61.02 31	P	IAMB	00 15 36.2
ZAA0	Zalesovo Array	61.88 347	P	P	00 15 15.2 -0.2
ZALV	Zalesovo Beam	61.88 347	P	P	00 15 15.0 -0.4
ZALV	Zalesovo Beam	61.88 347	P	pP	00 15 30.6 +0.6
ZALV	Zalesovo Beam	61.88 347	P	S	00 23 33.6 -2.4
ZALV	Zalesovo Beam	61.88 347	P	P	00 44 25.4 +2.2
ZALV	Zalesovo Beam	61.88 347	LR	LR	00 44 58.6
BRZS	Berezni	61.98 338	iP	P	00 15 15.8 -0.4
BRZS	Berezni	61.98 338	iS	S	00 23 31.8 -5.7
BRZS	Berezni	61.98 338	iS	S	00 23 31.8 -5.7
BRZS	Berezni	61.98 338	iS	pmax	00 23 31.8 -5.7
DZM	Mont Dzumac	62.49 112	P	P	00 15 20.5 +0.2
DZM	Mont Dzumac	62.49 112	P	IAMB	00 15 35.7
DZM	Mont Dzumac	62.49 112	eP	P	00 15 20.4 +0.2
DZM	Mont Dzumac	62.49 112	eLR	LR	00 33 55.5
DZM	Mont Dzumac	62.49 112	P	P	00 15 20.3 0.0
ONTNC	Ouen Toro	62.52 112	P	P	00 15 20.3 0.0
YUK	Yuzh-Kuril'sk	62.69 33	eP	P	00 15 09.3 -1.2
YUK	Yuzh-Kuril'sk	62.69 33	e	P	00 15 58.8
YUK	Yuzh-Kuril'sk	62.69 33	ePPP	PPP	00 19 11.9
YUK	Yuzh-Kuril'sk	62.69 33	eSSS	SSS	00 30 38.7
YUK	Yuzh-Kuril'sk	62.69 33	MLR	MLR	00 30 38.7
ZEA	Zeya	62.81 15	eP	P	00 15 21.8 +0.2
ZEA	Zeya	62.81 15	P	pmax	00 15 21.8 +0.2
ZEA	Zeya	62.81 15	P	pmax	00 15 21.8 +0.2
ZEA	Zeya	62.81 15	P	pmax	00 15 21.8 +0.2
SANVU	Sarautou	62.88 104	P	P	00 15 22.1 -0.7
OUCEN	Ouen Island, N	62.88 112	P	IAMB	00 15 23.0 +0.2
OUCEN	Ouen Island, N	62.88 112	P	IAMB	00 15 38.4
YATNC	Mamie plateau,	62.90 112	P	P	00 15 22.9 0.0
YSS	Yuzh-Sakhalins	63.10 29	eP	P	00 15 22.4 -1.3
YSS	Yuzh-Sakhalins	63.10 29	eSP	pP	00 15 39.0 +0.7
YSS	Yuzh-Sakhalins	63.10 29	eS	S	00 15 57.0
YSS	Yuzh-Sakhalins	63.10 29	eS	pmax	00 23 46.6 -5.0
YSS	Yuzh-Sakhalins	63.10 29	P	pmax	00 15 23.0 0.0
YSS	Yuzh-Sakhalins	63.10 29	P	pmax	00 15 23.0 0.0
YSS	Yuzh-Sakhalins	63.10 29	P	P	00 15 23.1 -0.6
GRNR	Gornyy	63.26 23	iP	P	00 15 24.7 0.0
GRNR	Gornyy	63.26 23	iP	pmax	00 15 24.7 0.0
GRNR	Gornyy	63.26 23	P	pmax	00 15 24.7 0.0
QRN	Al-Qurain	63.86 306	eP	P	00 15 29.4 +0.3
KBD	Kabd	64.21 306	eP	P	00 15 32.1 +0.6
RAF	Al-Radif	64.23 306	eP	P	00 15 32.5 +1.0
UMR	Umm Al-Rimmam	64.35 307	eP	P	00 15 33.1 +1.1
KUR	Kuril'sk	64.55 331	eP	P	00 15 32.7 -0.6
KUR	Kuril'sk	64.55 331	P	pmax	00 15 32.7 -0.6
MIB	Mutribah	64.75 307	eP	P	00 15 35.2 +0.3
RST	Umm Al-Ruwaisa	64.90 306	eP	P	00 15 36.3 +0.4

BRVK	Borovoye	65.35 339c	iP	P	00 15 37.9 -0.5
BRVK	Borovoye	65.35 339c	P	pmax	00 15 37.9 -0.5
BRVK	Borovoye	65.35 339c	MLR	MLR	00 15 38.0 -0.3
BRVK	Borovoye	65.35 339c	P	IAMB	00 15 40.2
KIBK	Kibwezi	65.56 270	P	IAMS_20	00 1

2015 OCT

1d 0h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like K27K Chicken, M26K Nabesna, K61M Kayak Island, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like DUG Dugway, SHOC Shoshone, ULM Lac du Bonnet, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WMOK Wichita, M57A Sunshine Farm, ODNJ Ogdenburg, etc.

2h

Table with columns: Vnda, Wanda, MOOV, NV11, IMW, NVAR, NVAR, FLWY, RLMT, KVN, YNE, YNE, YHL, GCMT, YHLL, YHLL, YHL, GCMT, YHLL, PAHR, PAHR, MCHT, PLID, WDC, WDC, K05A, K05A, JTMT, I07A, I07A, BOSA, BOSA, BOSA, PINE, PINE, WALA, WALA, MAW, MAW, LTY, NRS, ESDC, CASY, YKA, ASAR, WRA, PETK, ZALV, KSH, KSH, KSH, KSH, MKAR, MKAR, MKAR, SONM, SONM, LZH, LZH, CMAR

RSNC 01 01:59:01.7±0.6,81N:73.13W,h150km,3km,ML3.2, Mv3.8,6C-7D, Fault plane solution: N P1:01.000000°, 83.000000°, λ138.000000°, Northern Colombia

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

2015 OCT

Table with columns: UREC, GUY2C, GUY2C, GUY2C, VILC, VILC, LL2C, LL2C, LL2C, LLIC, LLIC, PTGC, PTGC, PTGC, CBOC, CBOC, CBOC, DBBC, DBBC, DBBC, ARGC, ARGC, ARGC, SDV, SDV, SDV, ANIL, ANIL, ANIL, ORTC, ORTC, ORTC, SJCC, SJCC, SJCC, CRJC, CRJC, CRJC, YOTC, YOTC, YOTC, SMRC, SMRC, SMRC, CAPC, CAPC, CAPC, MARP, MARP, MARP, PCON, PCON, PCON

IDC 01 02:06:16.6±0.6,30.75S:71.40W,h0km,mb4.4/10, mb1.4/4.15, mb1mx4.2/29, mbmtop4.2/15, ML4.0/5, MS3.3/3, Ms1.3/4.3, ms1mx3.1/22, Error ellipse: s-major=23.6km, s-minor=16.9km az=80.0
SJA 01 02:06:19.1±0.7,30.69S:71.67W,h24km,3km,ML4.6, Mw4.5
VAO 01 02:06:20.8±0.4,30.69S:71.53W,h27km,mb4.3
GUC 01 02:06:22.5±0.6,30.72S:71.43W,h48km,1km,ML4.8
NEIC 01 02:06:22.6±1.1,30.71S:71.48W,0.06,h38km,6km, mb4.7/45,ML4.8(GUC), Error ellipse: s-major=7.32km, s-minor=4.5km az=81.0
ISC 01 02:06:22.3±0.7,30.74S:0.03W,h155W,0.04,h42km,6km, N1P1:0.250,13153°,86.59320°,λ-17.11239°. NP2: 0.357,13730°,88.06388°,λ-96.30372°. Principal axes: T Plg42.7297°, Azm93.2045°, N Plg6.3001°, Azm357.3511°, P Plg46.5788°, Azm260.6517°; Near coast of central Chile

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

Table with columns: G003, G003, G003, VCA, VCA, BO01, BO01, BO01, BO02, BO02, BO02, ACLC, ACLC, G005, G005, G005, APLL, APLL, APLL, AC02, AC02, COIS, COIS, RFA, RFA, RFA, ML02, ML02, ML02, AHML, AHML, AHML, FSA, FSA, H03N1, H03N1, VAO4, H03N3, H03N2, H03S3, H03S1, H03S2, PB15, LCO1, LVC, LVC, LVC, PLCA, PLCA, PLCA, CPUP, CPUP, CPUP, LPAZ, LPAZ, LPAZ, SIV, SIV, CNLB, CNLB, PTGB, PTGB, PTGB, PTLS, PTLS, NNA, NNA, TER01, TER01, PPIB, PPIB, PPIB, VILB, VILB, TJU01, TJU01, SALV, SALV, FRTB, FRTB, ETMB, ETMB, ITB, ITB, PET01, PET01, SPB, SPB, BB19B, BB19B, CZSB, CZSB, RBVB, RBVB, SAMU1, SAMU1, VAO, VAO, PARB, PARB, BDFB, BDFB, BDFB, BDFB, OTAV, OTAV, TULM, TULM, GCUF, GCUF, BBAC, BBAC, EOAV, EOAV, NBNP, NBNP, MCPB, MCPB, RUSC, RUSC, NBCL, NBCL, MLRP, MLRP, OBIP, OBIP, VNA3, VNA3, VNA2, VNA2, SNA4, SNA4, SNA4, SNA4, QSPA, QSPA, QSPA, TXAR, TXAR, TXAR, TX31, TX31, TX31, TX32, TX32, V48A, V48A, V48A, WWT, WWT, WWT, U40A, U40A, U40A, MNTX, MNTX

1d 2h

Table of station data for the 1d 2h period, including station names, coordinates, and status indicators.

2015 OCT

Table of station data for the 2015 OCT period, including station names, coordinates, and status indicators.

12

Table of station data for the 12 period, including station names, coordinates, and status indicators.

KK31	Karatay Array	57.54	332	P	P	02 59 37.4	-0.5
KKAR	Karatay Array	57.54	332	P	P	02 59 37.5	-0.4
KKAR	Karatay Array	57.54	332	P	P	02 59 37.5	-0.4
MOY	Monday	57.67	358	eP	pmax	02 59 38.7	-0.1
JTM	comp-Z,101nm,1.7s	57.99	33	P	P	02 59 39.6	-1.5
IRK	Irkutsk	58.20	0	eP	pmax	02 59 39.4	-4.0
IRK	comp-Z,129nm,2.0s						
CIT	Chita	58.59	7	eP	P	02 59 45.0	-0.1
SEM	Semipalatinsk	59.90	343	fP	P	03 00 01.3	
SEM	Semipalatinsk	59.90	343	fP	P	02 59 53.5	-1.0
SEM	comp-Z,55nm,1.0s	59.97	33	P	pmax	02 59 53.4	-1.0
ERM	Ermo	59.97	33	P	pmax	02 59 53.6	-1.1
ERM	comp-Z,45nm,0.9s	59.97	33	P	IAMB	02 59 53.6	-1.1
ERM	ERM	59.97	33	P	IAMB	03 00 12.9	
ERM	comp-Z,45nm,0.9s					03 00 12.9	
ERM	comp-Z,618nm,22.0s				IAMS_20	03 02 08.5	
CASY	Casey	60.18	177	P	P	02 59 56.8	+0.9
KOUNC	Koumang, New Ca	60.36	110	P	P	02 59 58.7	+0.8
KLR	Kul'dur	60.38	21	P	P	02 59 56.3	-1.2
KLR	comp-Z,52nm,0.7s,baz=227,slo=5.4,SNR=137	60.38	21	eP	pmax	02 59 56.0	-1.4
KLR	comp-Z,54nm,0.9s						
KLR	MLR						
KURB	Kurchatov Arra	60.61	342	P	P	02 59 58.0	-1.0
OTUK	Ortayu	60.79	337	P	P	02 59 59.7	-0.6
GEYT	Alibeck	60.99	320	P	P	03 00 02.4	+0.5
GEYT	comp-Z,15nm,0.8s,baz=187,slo=10,SNR=17					03 00 17.6	-0.3
GEYT	comp-Z,29nm,0.8s,baz=215,slo=13,SNR=13					03 02 03.5	
GYA0B	ALIBECK ARRAY	60.99	320	P	P	03 00 01.8	-0.1
GYA0B	comp-Z,34nm,0.7s					03 00 18.5	
ASAJ	Asahikawa	61.13	31	P	P	03 00 01.5	-1.1
ASAJ	Asahikawa	61.13	31	P	P	03 00 01.8	-0.8
ASAJ	comp-Z,104nm,0.7s						
JKA	Kamikawa-asahi	61.13	31	P	P	03 00 01.8	-0.9
ZAA0	Zalesovo Array	61.98	348	P	P	03 00 07.3	-0.9
ZALV	Zalesovo Beam	61.98	348	P	P	03 00 07.3	-0.9
ZALV	comp-Z,196nm,0.8s,baz=153,slo=5.6,SNR=418					03 08 24.9	-3.9
ZALV	comp-Z,2.6nm,0.8s,baz=138,slo=11,SNR=5.7					03 29 51.2	
ZALV	comp-Z,1um,19.5s,baz=149,slo=39						
ZALV	Zalesovo Beam	61.98	348	P	P	03 00 07.4	-0.8
BRZS	Berezniiki	62.07	338	fP	P	03 00 08.0	-0.9
BRZS	Berezniiki	62.07	338	eP	pmax	03 00 08.0	-0.9
BRZS	comp-Z,41nm,1.4s						
NOUC	Port Laguerre	62.36	112	P	P	03 00 12.1	+0.7
DZM	Mont Dzumac	62.48	112	P	P	03 00 12.4	+0.1
DZM	comp-Z,6.6nm,0.8s,baz=308,slo=6.2,SNR=8					03 00 13.4	+1.0
DZM	Mont Dzumac	62.48	112	eP	LR	03 18 57.5	
DZM	comp-Z,92nm,1.4s						
DZM	Mont Dzumac	62.48	112	eLR	LR	03 18 57.5	
DZM	comp-Z,622nm,24.1s					03 00 12.0	-0.4
QUENC	Ouen Island, N	62.88	112	P	P	03 00 15.7	+0.8
YATNC	Mamie plateau,	62.90	112	P	P	03 00 17.5	+2.5
ZEA	Zeya	62.92	15	eP	P	03 00 14.3	-0.2
ZEA	comp-E,30nm,1.2s						
ZEA	comp-N,50nm,0.9s						
ZEA	comp-Z,90nm,0.9s						
YSS	Yuzh-Sakhalins	63.21	29	eP	P	03 00 13.5	-3.0
YSS	comp-Z,41nm,1.4s					03 00 32.4	
YSS	comp-Z,400nm,2.4s					03 00 50.3	
YSS	comp-Z,190nm,0.7s						
YSS	Yuzh-Sakhalins	63.21	29	P	P	03 00 15.7	-0.8
GRNR	Gorny	63.37	23	fP	P	03 00 16.9	-0.6
GRNR	comp-Z,50nm,0.8s						
GRNR	comp-E,170nm,16.0s						
GRNR	comp-N,240nm,19.0s						
GRNR	comp-Z,250nm,18.0s						
BOD	Bodaibo	64.34	6	eP	pmax	03 00 22.5	-1.2
BOD	comp-Z,65nm,1.0s						
UGL	Uglegorsk	64.42	27	eP	pmax	03 00 23.6	-0.8
UGL	comp-E,150nm,0.9s						
UGL	comp-Z,140nm,0.9s						
KUR	Kuril'sk	64.66	33	dP	pmax	03 00 25.5	-0.6
KUR	comp-Z,281nm,0.9s						
BRVK	Borovoye	65.44	339	P	pmax	03 00 30.4	-0.6
BRVK	comp-Z,64nm,1.2s						
BRVK	comp-Z,500nm,20.0s						
BRVK	Borovoye	65.44	339	P	IAMB	03 00 30.4	-0.6
BRVK	comp-Z,64nm,1.1s					03 00 32.4	
BRVK	Borovoye	65.44	339	IAMS_20	IAMS_20	03 33 07.9	
KIBK	Kibwezi	65.53	270	IAMS_20	IAMS_20	03 24 07.8	
TYV	Tymovskoe	65.98	26	eP	pmax	03 00 33.9	-0.6
TYV	comp-Z,18nm,1.2s						
TYV	comp-Z,400nm,3.5s						
KMBO	Kilima Mbo	66.44	271	P	P	03 00 38.8	+0.3
KMBO	comp-Z,0.7nm,0.3s,baz=266,slo=19,SNR=3.5					03 00 53.0	+1.2
KMBO	comp-Z,1.7nm,0.5s,baz=55,slo=5.5,SNR=3.2					03 24 53.1	
KMBO	comp-Z,511nm,21.1s,baz=78,slo=32						
KMBO	Kilima Mbo	66.44	271	IAMS_20	IAMS_20	03 24 40.9	
FURI	Furua	66.50	282	IAMS_20	IAMS_20	03 27 57.8	
AB31	Akbulaik array	67.06	331	fP	P	03 00 40.7	-0.7
ABKAR	Akbulaik array	67.06	331	P	P	03 00 41.2	-0.2
MAW	Mawson	67.21	196	P	P	03 00 43.9	+1.7
MAW	comp-Z,4.4nm,0.8s,baz=7.8,slo=5.8,SNR=11					03 00 43.3	+1.2
MAW	comp-Z,19nm,0.8s,baz=7.8,slo=5.8,SNR=19					03 00 57.2	+1.6
MAW	comp-Z,1um,18.1s,baz=47,slo=32					03 26 14.5	
MAW	comp-Z,2.9nm,0.7s,baz=239,slo=5.8,SNR=8.8					03 29 08.0	-0.8
MAW	Mawson	67.21	196	P	P	03 00 44.0	+1.9
MAW	Mawson	67.21	196	P	P	03 00 44.0	+1.9
TARA	Tarawa	69.53	86	P	P	03 00 57.6	-0.1
TARA	Tarawa	69.53	86	P	P	03 00 58.4	+0.7
THZ	Tophouse	70.44	132	IAMB	IAMB	03 01 03.8	+1.0
THZ	comp-Z,28nm,0.7s					03 01 04.5	
YAK	Yakutsk	70.92	13	P	P	03 01 04.0	-1.1
YAK	comp-Z,96nm,0.7s,baz=31,slo=1.1,SNR=31					03 01 03.4	-1.7
YAK	Yakutsk	70.92	13	eP	pmax	03 01 03.4	-1.7
YAK	comp-Z,179nm,0.8s						
YAK	comp-N,31nm,0.9s						
YAK	comp-E,15nm,0.9s						
GNI	Garni	71.06	316	P	P	03 01 07.9	+1.1
GNI	Garni	71.06	316	eP	P	03 01 07.5	+0.8

GNI	comp-Z,71nm,1.7s						
GNI	Garni	71.06	316	P	P	03 01 06.2	-0.5
GROC	Groznyy	71.73	319	eP	P	03 01 08.5	-1.9
GROC	comp-Z,75nm,0.9s					03 01 25.9	
GROC	Sverdlovsk	71.94	337	dP	pmax	03 01 27.2	+0.3
SVE	SVE	72.42					
SVE	comp-Z,170nm,0.9s						
GURO	Guroymak-BITLI	72.31	314	P	IAMB	03 01 13.8	-0.4
GURO	comp-Z,46nm,0.8s					03 01 16.6	
SKR	Severo-Kuril's	72.37	32	eP	S	03 01 09.7	-4.3
SKR	SKR	72.37	32	eS	S	03 01 20.5	-8.0
KARS	Kars	72.42	316	P	P	03 01 13.8	-1.0
KARS	comp-Z,249nm,0.8s						
KARS	Kars	72.42	316	P	P	03 01 13.8	-1.0
ARU	Arti	72.50	336	eP	P	03 01 14.6	-0.1
ARU	comp-Z,157nm,1.0s					03 01 28.6	
ARU	Arti	72.50	336	eP	P	03 01 14.6	-0.1
ARU	comp-Z,489nm,26.0s					03 01 29.0	+3.8
ARU	MLR					03 15 16.0	+1.1
ARU	comp-Z,26nm,1.5s						
BFZ	Birch Farm	72.78	131	P	IAMB	03 01 18.1	+1.2
BFZ	comp-Z,35nm,0.7s					03 01 18.6	
BKZ	Black Stump Fm	72.80	129	P	IAMB	03 01 17.8	+0.8
BKZ	comp-Z,55nm,0.8s					03 01 18.6	
MBAR	Mbarara	72.97	271	eP	IAMS_20	03 01 20.6	+1.9
MBAR	Mbarara	72.97	271	IAMS_20	IAMS_20	03 27 30.7	
ONI	Oni	73.00	318	P	P	03 01 18.0	-0.1
ONI	comp-Z,39nm,1.1s						
MSVF	Nonsavu	73.08	107	fP	pmax	03 01 18.0	-0.1
MSVF	comp-Z,19nm,0.9s					03 01 21.0	+0.7
MSVF	Nonsavu	73.28	107	fP	pmax	03 01 20.8	+0.4
NCK	Nalchik	73.29	319	fP	pmax	03 01 20.6	+0.8
NCK	comp-Z,51nm,0.7s						
NEY	Neytrino	73.76	318	fP	pmax	03 01 24.1	+1.4
NEY	comp-Z,10.0nm,0.9s						
KBZ	Khabaz	73.85	319	P	P	03 01 23.8	+0.8
KBZ	comp-Z,42nm,0.9s,baz=125,slo=5.2,SNR=68					03 01 23.6	+0.6
KBZ	Khabaz	73.85	319	eP	P		
CHVG	Ch'kvaleri	73.96	318	fP	P	03 01 24.9	+1.2
KIV	Kislovodsk	74.09	319	fP	P	03 01 24.8	+0.3
KIV	SNR=11					03 01 24.9	+0.3
KIV	Kislovodsk	74.09	319	eS	S	03 10 55.9	+1.6
KIV	comp-Z,39nm,1.1s						
KIV	comp-Z,93nm,18.0s						
KIV	Kislovodsk	74.09	319	P	P	03 01 24.8	+0.3
KIV	GOF	74.33	320	fP	pmax	03 01 26.7	+0.9
KIV	GOF	74.33	320	fP	pmax		
PEA0B	Petropavlovsk	74.53	30	P	pmax	03 01 26.1	-0.7
PEA0B	comp-Z,51nm,1.0s						
PEA0B	Petropavlovsk	74.53	30	P	IAMB	03 01 26.1	-0.7
PEA0B	comp-Z,50nm,1.0s					03 01 26.7	
PETK	Petropavlovsk	74.53	30	P	P	03 01 25.7	-1.1
PETK	comp-Z,25nm,0.8s,baz=214,slo=10,SNR=19						
PETK	comp-Z,134nm,18.9s,baz=240,slo=37					03 36 02.4	
GHAJ	Ghor Haditha	74.81	305	P	IAMB	03 01 28.7	-0.1
GHAJ	comp-Z,45nm,1.0s					03 01 32.6	
GHAJ	comp-Z,341nm,20.0s					03 35 49.8	
PET	Petropavlovsk	74.97	31	fP	IAMS_20	03 01 28.0	-1.3
PET	PET					03 11 04.6	+1.5
PET	comp-Z,175nm,0.8s						
PET	comp-Z,100nm,11.7s						
PET	comp-Z,200nm,16.0s						
BELG	Belogoroye	75.19	328	eP	pmax	03 01 30.2	-0.3
BELG	comp-Z,16nm,1.3s						
GAZ	Gaziantep	75.36	311	P	IAMB	03 01 32.1	+0.1
GAZ	comp-Z,63nm,0.8s					03 01 33.4	
MA2	Magadan	75.38	23	eP	pmax	03 01 31.0	-0.6
MA2	comp-Z,63nm,0.9s						
MA2	Magadan	75.38	23	P	IAMB	03 01 31.1	-0.4
MA2	comp-Z,76nm,0.9s					03 01 32.2	
SOC	Sochi	75.90	318	eP	P	03 01 33.7	-1.1
SOC	SOC					03 04 20.6	
SOC	SOC					03 06 08.7	
SOC	SOC					03 11 15.4	+

ECSD	EROS Data Cent	138.57	22	P	PKIKP	03 09 15.2	-1.0
TUC	Tucson	138.69	47	P	PKPdf	03 09 15.5	+0.9
SDCO	Great Sand Dun	138.89	36	P	PKPdf	03 09 15.8	+0.6
T25A	Trinidad	139.94	36	P	PKPdf	03 09 18.1	+1.1
ANMO	Albuquerque	140.13	40	P	PKIKP	03 09 18.7	-1.2
BNM	Barren Site	140.51	41	P	PKPdf	03 09 18.7	+0.5
PTGB	Pitanga	141.25	217	eP	PKIKP	03 09 23.8	+1.5
NBMO	Morrinhos-CE	142.56	256	eP	PKPdf	03 09 23.2	+1.1
CPUP	Villa Florida	142.73	209	eP	PKPPr	03 09 19.0	
MXST	Muleshoe	143.07	38	P	PKPbc	03 09 20.1	+0.6
AMTX	Amarillo	143.09	36	P	PKPbc	03 09 20.1	+0.7
HDIL	Hopedale	143.86	17	P	PKPab	03 09 20.6	-0.1
ERPA	Erie	144.07	5	P	PKPab	03 09 21.0	-0.4
BYNA	Binghamton	144.14	360	P	PKPab	03 09 21.5	-0.2
BDFB	Brasilia	144.55	232	PKP	PKPdf	03 09 26.1	+0.5
BDFB	Brasilia	144.55	232	PKP	PKPdf	03 09 25.5	-0.1
SFIN	Fayette	144.61	6	P	PKPab	03 09 23.0	-0.5
M53A	WI Miller and	144.68	6	P	PKPab	03 09 23.3	-0.4
M54A	Oil Creek Station	144.70	4	P	PKPab	03 09 23.3	-0.6
WMOK	Wichita Mounta	144.83	33	P	PKPab	03 09 23.9	-0.7
N54A	Moraine State	145.22	5	P	PKPbc	03 09 24.8	-0.8
PLA	Palisades	145.26	357	P	PKPbc	03 09 25.3	-0.4
N59A	State Game Lan	145.42	359	P	PKPbc	03 09 26.1	-0.2
TXAR	Lajitas Array	145.42	45	PKPbc	PKPbc	03 09 27.6	+0.6
TXAR	Lajitas Array	145.42	45	PKPbc	PKPbc	03 09 26.5	-0.3
TUL1	Leonard	145.44	28	P	PKPbc	03 09 26.1	-0.4
X34A	Smith Ranch, M	145.44	32	PKPbc	PKPbc	03 09 25.9	-0.7
CCM	Cathedral Cave	145.50	21	P	PKPdf	03 09 25.9	-0.6
ACSO	Alum Creek Sta	145.58	9	P	PKPdf	03 09 26.3	-0.3
SSPA	Standing Stone	145.67	2	P	PKPdf	03 09 26.9	+0.1
OB3A	New Philadelphia	145.80	7	P	PKPdf	03 09 27.1	+0.1
AXTX	Ahliene, Hawle	145.89	37	P	PKPab	03 09 28.4	-0.2
P49A	Miami Univ. Ec	145.95	12	P	PKPdf	03 09 27.2	-0.1
O56A	Blue Knob Sta	146.01	3	P	PKPbc	03 09 28.1	-0.1
P52A	Corning	146.29	8	P	PKPdf	03 09 28.2	+0.3
U40A	Felville	146.37	24	P	PKPdf	03 09 28.5	+0.5
P60A	Greenville	146.52	359	P	PKPbc	03 09 29.2	-0.5
MCWV	W Mont Chateau	146.53	5	P	PKPbc	03 09 29.6	-0.1
ROSB	Rosrio	146.60	255	eP	PKPab	03 09 32.6	+0.8
WCI	Wyandotte Cave	146.84	14	PKP2	PKPdf	03 09 29.0	+0.2
WCI	Wyandotte Cave	146.84	14	PKP2	PKPdf	03 09 28.9	+0.2
WCI	Wyandotte Cave	146.84	14	PKP2	PKPbc	03 09 30.4	-0.2
W39A	Magazine	146.95	27	P	PKPbc	03 09 30.2	-0.8
JCT	Junction City	147.28	40	P	PKPbc	03 09 32.2	0.0
MAR	Mount Ida	147.59	27	P	PKPbc	03 09 32.7	-0.1
WHXT	Lake Whitney,	147.62	35	P	PKPbc	03 09 33.2	+0.2
W41B	Gary Mavity, V	147.64	25	P	PKPbc	03 09 32.2	-0.7
X40A	Basin Creek Fa	147.92	26	P	PKPbc	03 09 33.0	-0.9
WVT	Waverly	148.38	18	PKIKP	PKPdf	03 09 32.1	+0.7
WVT	Waverly	148.38	18	PKIKP	PKPdf	03 09 32.1	+0.7
WVT	Waverly	148.38	18	PKIKP	PKPbc	03 09 34.9	0.0
435B	Jarrell	148.43	37	P	PKPbc	03 09 35.5	+0.3
BLA	Blacksburg	148.89	6	P	PKPbc	03 09 35.5	-0.8
833A	Chaparral WMA	148.98	42	P	PKIKP	03 09 37.6	-0.4
214A	Richland Creek	149.01	27	P	PKPbc	03 09 36.6	0.0
TZTN	Tazewell	149.07	11	P	PKPbc	03 09 36.4	-0.3
NATX	Nacogdoches	149.32	32	P	PKIKP	03 09 38.0	-0.5
OXF	Oxford	149.33	21	P	PKPbc	03 09 36.9	-0.5
ZACZ	Zacatecas	149.80	54	PKP2	PKPdf	03 09 34.2	-0.3
LVC	Limon Verde	150.47	194	PKPbc	PKPbc	03 09 43.5	+1.8
LVC	Limon Verde	150.47	194	PKPbc	PKPbc	03 09 39.6	-1.3
TMAB	Tom-Au,PA,Br	150.56	254	eP	PKPbc	03 09 38.7	-2.2
KM5C	Kings Mountain	150.82	8	P	PKPbc	03 09 40.4	-0.5
VBMS	Vicksburg	150.91	25	P	PKIKP	03 09 41.8	0.0
CNCC	Cliffs of the	151.05	3	P	PKIKP	03 09 41.9	-0.1
LRAL	Lakeview Retre	151.50	19	P	PKPbc	03 09 42.2	-0.3
JSC	Jenkinsville	151.67	9	PKIKP	PKPbc	03 09 42.6	-0.3
JSC	Jenkinsville	151.67	9	PKIKP	PKPbc	03 09 42.3	-0.3
Y57A	Sumter	152.05	7	PKIKP	PKIKP	03 09 44.1	0.0
346A	Big Creek Wild	152.07	25	PKIKP	PKIKP	03 09 44.8	+0.6
GOGA	Godfrey	152.11	13	PKIKP	PKPdf	03 09 37.7	+0.4
GOGA	Godfrey	152.11	13	PKIKP	PKPdf	03 09 37.7	+0.4
GOGA	Godfrey	152.11	13	PKIKP	PKPbc	03 09 44.2	-0.1
PTLB	Pontes e Lacer	152.58	218	eP	PKPbc	03 09 42.4	-3.1
PB08	IPOC Station P	152.90	195	PKIKP	PKIKP	03 09 48.1	+1.3
154A	Montrose	152.96	13	PKIKP	PKIKP	03 09 46.8	+0.7
NHSC	New Hope	152.98	7	PKIKP	PKIKP	03 09 46.0	0.0
BRAL	Brewton	153.19	21	PKPbc	PKIKP	03 09 47.4	+0.8
BRAL	Brewton	153.19	21	PKPbc	PKIKP	03 09 47.3	+0.8
SIV	San Ignacio	153.29	214	PKP	PKPbc	03 09 40.1	+0.5
SIV	San Ignacio	153.29	214	PKP	PKPbc	03 09 47.4	+0.1
TIGA	Tifton	153.97	14	P	PKIKP	03 09 48.7	+0.5
MCPB	Macapa, AP	154.92	256	eP	PKPdf	03 09 43.9	+2.0
LPZA	La Paz	156.24	200	PKP	PKPdf	03 09 44.9	+0.6
LPZA	La Paz	156.24	200	PKP	PKPbc	03 10 14.9	+2.8
SAML	Samuel	160.06	221	eP	PKPbc	03 09 43.3	-1.1
PTGA	Pitinga	162.28	248	PKP	PKPbc	03 09 46.0	+1.6
PTGA	Pitinga	162.28	248	PKP	PKPbc	03 09 51.1	+0.4
SMRT	St. Maarten	162.58	248	PKP2	PKPbc	03 09 50.3	-0.4
DFB	Fort de France	162.84	301	PKIKP	PKPbc	03 09 50.5	-0.7
DFB	Fort de France	162.84	301	PKIKP	PKPbc	03 09 50.5	-0.7
OFIP	Obispo Ponce	164.87	322	PKPbc	PKPbc	03 09 51.5	-1.4
OTAV	Otavalo	173.72	160	PKIKP	PKPbc	03 09 58.2	-0.9
OTAV	Otavalo	173.72	160	PKIKP	PKPbc	03 09 58.2	-0.9
OTAV	Otavalo	173.72	160	PKIKP	PKPbc	03 10 00.2	+1.0
SDV	Santo Domingo	173.75	296	PKP	PKPbc	03 09 58.7	0.0
SDV	Santo Domingo	173.75	296	PKP	PKPbc	03 11 35.2	+6.3
SJCC	San Jacinto, C	176.14	343	PKPbc	PKPbc	03 09 57.9	-1.4
SJCC	San Jacinto, C	176.14	343	PKPbc	PKPbc	03 09 59.6	+0.4
POPC	Popayan, Colom	176.36	174	eP	PKPbc	03 09 59.1	-0.5

SMLC	San Martin de	176.57	319	eP	PKPbc	03 09 59.7	+0.4
MARP	Paez Belalcaza	176.66	186	eP	PKPbc	03 10 00.4	+0.6
RUSC	La Rusia	176.76	265	eP	PKPbc	03 09 58.8	-1.2
CAPC	Capurgana	177.36	23	eP	PKPbc	03 09 59.2	-0.2
ORTC	Ortega, Tolima	177.49	205	eP	PKPbc	03 09 58.1	-1.5
ROSC	El Rosal	177.60	236	PKP	PKPbc	03 10 00.4	+0.4
SPBC	San Pablo de B	177.80	257	eP	PKPbc	03 09 59.8	+0.1
YOTC	Zatoco, Valle	177.81	179	eP	PKPbc	03 09 59.0	-0.7
ZARC	Yarogozo, Cauc	178.05	312	eP	PKPbc	03 09 59.3	-0.2
COCC	PUERTO BERRIO	178.11	281	eP	PKPbc	03 09 58.6	-1.0
UREC	San Jos de U	178.26	333	eP	PKPbc	03 09 58.9	-0.7
NORC	Norcasia	178.42	247	eP	PKPbc	03 09 59.1	-0.6
GUVC	Guyana, Caldas	178.65	255	eP	PKPbc	03 09 59.5	-0.8
DYB2	Dabeiba	179.17	322	eP	PKPbc	03 10 01.3	+1.6
CBCC	Ciudad Bolivar	179.59	224	eP	PKPbc	03 09 57.1	-2.8
IDC	01:03:05:01.1-6.8, 3.85S, 148.07E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/34, mbtmp3.6/4				Error ellipse: s-maj=143.0km s-min=41.0km az=88.0, Bismarck Sea		
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
WRA	Warramunga Arr	20.86 219	Op	03 09 43.5	-1.2		
ASAR	Alice Springs	23.98 214	P	03 10 17.1	-0.4		
FITZ	Fitzroy Crossi	26.12 236	P	03 10 38.7	+1.7		
CMAR	Charters Womai	53.22 296	P	03 14 21.2	-0.5		
IDC	01:03:09:05.4-1.7, 0.73S, 131.31E, h0km, mb4.0/2, mb1 4.1/4, mb1mx3.732, mbtmp3.9/4, ML3.6/2, Error ellipse: s-maj=13.7km s-min=8.9km az=24.0						
DJA	01:03:09:07.8-2.1, 1.2°S, 71.13°E, h10km, ML4.2/5, MLv4.2/5						
NEIC	01:03:09:08.9-1.6, 1.03S, 0.07:131.0E, 0.2, h15km, mb3.6/4, mb1.8/8, Error ellipse: s-maj=23.9km s-min=8.1km az=76.0						
ISC	01:03:09:06.3-1.5, 0.96S, 0.06:131.31E, 0.08, h4km, ml21km, n24, c174/25, mb4.1/4, Irian Jaya region						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SIJI	Sorong	0.10 335	Op	03 09 08.2	-0.3		
FAKI	Fak Fak	2.16 154	Pb	03 09 45.8	-0.2		
FAKI	Fak Fak	2.16 154	Pg	03 09 45.6	-0.4		
FAKI	Fak Fak	2.16 154	Pg	03 09 55.0	+7.3		
FAKI	Fak Fak	2.16 154	S	03 10 14.2	+1.1		
MSAI	Masohi	3.35 225	S	03 10 03.5	+3.9		
MSAI	Masohi	3.35 225	S	03 10 46.7	-0.9		
BNDI	Bandanaira	3.80 202	S	03 10 09.2	+3.5		
BNDI	Bandanaira	3.80 202	S	03 10 57.6	-2.9		
SAUI	Saumlaki	6.97 180	Pn	03 10 50.0	+0.7		
MTN	Wanton Dam	11.80 181	P	03 11 55.5	-0.1		
FITZ	Fitzroy Crossi	17.91 198	P	03 13 17.5	+0.3		
FITZ	Fitzroy Crossi	17.91 198	Pn	03 13 13.8	-2.8		
WRAB	Tennant Creek	19.09 171	P	03 13 26.6	-3.5		
WRAB	Tennant Creek	19.09 171	Iamb	03 13 32.7	-1.2		
WRA	Warramunga Arr	19.09 171	P	03 13 30.6	+0.4		
W82	Warramunga Arr	19.09 171	Pn	03 13 30.9	-0.1		
WRO	Warramunga Arr	19.14 171	P	03 13 30.9	+0.2		
WRO	Warramunga Arr	19.14 171	Iamb	03 13 33.5			
AS31	Alice Springs	22.71 174	P	03 14 09.8	+0.5		
AS31	Alice Springs	22.71 174	Iamb	03 14 16.9			
ASAR	Alice Springs	22.71 174	P	03 14 10.3	+1.0		
ASAR	Alice Springs	22.71 174	P	03 14 09.1	-0.2		
ASAR	Alice Springs	22.71 174	P	03 10 14.2	+1.1		
CTAO	Charters Womai	23.98 143	P	03 14 24.2			
ARMA	Armidale	35.08 149	P	03 16 00.8	0.0		
INU	Inuyama	36.52 82	P	03 16 13.5	+0.5		
H1N1	WAKE ISLAND Hy	40.49 58	T	03 59 49.2			
H1N2	WAKE ISLAND Hy	40.51 58	T	03 59 50.6			
H1N3	WAKE ISLAND Hy	40.51 58	T	03 59 51.1			
MKAR	Makanchi Array	64.00 325	P	03 19 40.2	-0.9		
MKAR	Makanchi Array	64.00 325	P	03 19 40.1	-1.0		
IDC	01:03:21:36.2-0.8, 31.87S, 71.92W, h0km, mb4.2/9, mb1 4.3/14, mb1mx4.1/31, mbtmp4.1/14, ML4.0/5, MS3.3/4, Ms1 3.3/4, ms1mx3.2/17, Error ellipse: s-maj=24.1km s-min=21.2km az=80.0						
NEIC	01:03:21:37.6-1.6, 31.91S, 0.03:72.23W, 0.07, h15km, 4km, mb4.6/18, Mw4.4/4						

1d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like MAW Mawson, PDAR Pinedale Array, NVAR Minna Array, etc.

KMA 01 03:44:23.2-35.0, 34.59N-128.29E, h19km, 50km, Error ellipse: s-maj=780.9km s-min=14.9km az=0.0, South Korea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like KSNAM Namhae, KSBON Boseung, etc.

IDC 01 03:47:34.2-0.7, 1.93N, 126.40E, h0km, mb4, 1/9, mbl 0.2/1.1, mb1.0/2.35, mbtmp4.1/1.1, ML3.2/2, MS3.2/4, Ms1 3.2/4, ms1mx2.83, Error ellipse: s-maj=39.0km s-min=14.2km az=78.0

NEIC 01 03:47:39.1-1.2, 1.95N, 126.46E, 0.09, h33km, 6km, mb4, 3/12, Error ellipse: s-maj=15.1km s-min=10.7km az=217.0

DJA 01 03:47:39.6-1.6, 2.14N, 126.6E, h30km, 15km, M4, 1/7, MLv4, 1/7

ISC 01 03:47:39.1-0.6, 1.92N, 126.47E, 0.09, h35km, n37, r090/38, mb4, 1/12, MS3.1/4, Northern Molouca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like TNTI Ternate, SGTI Sangihe, KMSI Cibinong, etc.

IDC 01 03:54:09.4-2.0, 2.13N, 126.80E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/3.1, mbtmp3.7/4, Error ellipse: s-maj=125.8km s-min=24.6km az=69.0, Northern Molouca Sea

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

INET 01 04:09:59.7, 9.33N, 83.74W, h86km, ML3.2, UCR 01 04:10:06.2-1.4, 9.26N, 83.82W, h50km, 2km, MW3.8 UPA 01 04:10:06.6-1.0, 9.25N, 83.82W, h24km, 6km, MW3.9

ISC 01 04:10:06.8-1.0, 9.27N, 83.82W, 0.04, h48km, 8km, h5, r065/74, 3C, 2D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like PEZE Perez Zeledon, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CDM Cerro de Muert, CDM San Rafael, etc.

REN 01 04:22:19.8-1.2, 37.81N, 0.02-117.03W, 0.03, h15km, 4km, ML2.7/7, ML2.45/8(NEIC), Error ellipse: s-maj=3.3km s-min=3.1km az=70.0

NEIC 01 04:22:19.9-1.5, 37.81N, 0.03-117.01W, 0.03, h13km, 6km, Error ellipse: s-maj=5.1km s-min=1.5km az=224.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like TPH Tonopah, LCH Last Change Rr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like ELK, BEKR Beckworth, MTRP Mount Pierson, etc.

IDC 01 04:40:32.1-1.7, 7.87S, 117.54E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.6/3.7, mbtmp3.6/5, ML3.6/2, Error ellipse: s-maj=40.4km s-min=23.0km az=65.0, Bali Sea

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

INET 01 04:41:04.5, 13.56N, 89.67W, h102km, MW3.7, SNET 01 04:41:09.9-0.9, 13.52N, 89.81W, h67km, 4km, ML3.6 UCR 01 04:41:10.1-0.9, 13.52N, 89.81W, h67km, 4km, ML3.6

ISC 01 04:41:11.0-3.2, 13.55N, 0.1-89.80W, 0.1, h65km, 12km, n39, r064/59, 2D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CEVE Cerro Verde, SBL San Blas, etc.

IDC 01 05:00:18.7-2.5, 20.94S, 179.91W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.7/2.9, mbtmp3.6/3, Error ellipse: s-maj=272.1km s-min=17.7km az=163.0, Fiji Islands region

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

KMA 01 05:06:06.9-0.3, 35.78N, 129.14E, h18km, 3km, Error ellipse: s-maj=3.1km s-min=2.2km az=82.0, South Korea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSCXS CHEONGSONG, KSADO Andong, KSGIC Gimchen, etc.

IDC 01 05:11:50.8±1.9, 4.23N, 125.75E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/39, mbtmp4.0/5, Error ellipse: s-maj=104.6km s-min=26.6km az=68.0

ISC 01 05:11:57.8±1.0, 4.1N, 125.75E, h0.6, h50km, n6, c0927/7, mb4.0/5, 1c, Talcaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KCP Kidapawan, KKP KCP, FITZ Fitzroy Crossi, etc.

IDC 01 05:32:06.8±2.0, 24.56S, 179.61W, h489km, 32km, mb3.7/7, mb1 3.8/11, mb1mx3.5/28, mbtmp4.6/11, Error ellipse: s-maj=32.0km s-min=18.3km az=24.0

NEIC 01 05:32:07.6±1.8, 24.5S, 0.1, h514km, 12km, mb4.2/22, Error ellipse: s-maj=179.7km s-min=17.7km az=115.0

ISC 01 05:32:06.5±0.6, 24.53S, 179.50W, 0.09, h490km, n46, c197/45, mb4.0/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MSVF Nonnavu, MSVF Nonnavu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, TAU Tasmania Univ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

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, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olym, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, etc.

TORD Torodi Arr, Bea 168.216 PKPab PKPab, comp=2.0, 7m, 0.6s, baz=173, slow=3.6, SNR=5.6

IDC 01 05:56:35.5±1.0, 36.30N, 97.35W, h0km, mb3.5/2, mb1 3.9/8, mb1mx3.7/44, mbtmp3.6/8, ML3.6/6, MS2.9/9, Ms1 2.9/9, ms1mx2.8/35, Error ellipse: s-maj=13.4km s-min=12.0km az=144.0

ANF 01 05:56:35.8±0.1, 36.25N, 97.23W, h6km, ML4.7/23, Error ellipse: s-maj=1.6km s-min=1.5km az=59.0

NEIC 01 05:56:35.0±0.9, 36.26N, 0.02-97.23W, 0.05, h2km, 6km, Error ellipse: s-maj=5.6km s-min=2.3km az=77.0

NEIC 01 05:56:35.5, 36.26N, 97.24W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=0.49; Mw=3.04; Ms=2.55; Mn=0.60; Mv=2.36; Mh=0.60; Fault plane solution: Ms3.78000, 10^14 NP1, 205.59000, 376.81000, -1-173.32000, NP2, 114.06000, 383.50000, -1-13.27000. Principal axes: T 3.9339, Plg5.0000, Azm160.0000; N -0.3259, Plg75.0000, Azm268.0000; P -3.6080, Plg14.0000, Azm69.0000;

TUL 01 05:56:35.5±1.0, 36.25N, 0.02-97.23W, 0.05, h6km, 6km, ML3.9, mb, Lg4, 1/17(NEIC), Mw3.7/82(NEIC) Error ellipse: s-maj=5.6km s-min=2.5km az=72.0

ISC 01 05:56:35.1±1.1, 36.27N, 0.03-97.23W, 0.03, h8km, 8km, n213, c196/212, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OK005 Luther M Schoo, OK009 Oakdale Elemen, T35A Sooner Cattle, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like X37A Clayton, X37A Clayton, X37A Clayton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W39A Magazine, W39A Magazine, W39A Magazine, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like S39A Bolivar, S39A Bolivar, S39A Bolivar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U40A Yellville, U40A Yellville, U40A Yellville, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W41B Gary Mavity, W41B Gary Mavity, W41B Gary Mavity, etc.

W41B Gary Mavity, W41B Gary Mavity, W41B Gary Mavity, comp=2.338nm, 0.9s

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 237A Washetta, 237A Washetta, 237A Washetta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NATX Nacogdoches, T42A Van Buren, T42A Van Buren, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like L34A Svendsen Farm, T25A Trinidad, T25A Trinidad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GNAR Gosnell, 143A Soes Landing, 143A Soes Landing, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LNXT Lenox, HENM Henderson Moun, HENM Henderson Moun, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W45A Hickory Valley, W45A Hickory Valley, W45A Hickory Valley, etc.

SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, comp=2.255nm, 1.0s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Q24A Divide, Q24A Divide, Q24A Divide, etc.

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

Table with columns: Code, Station Name, n39, t1574/56, Crete, Phase ID, Time Res, ISC. Includes stations like ZKR Zakros, STIA Sitia Lasithi, NPS Neapolis, etc.

Table with columns: Code, Station Name, 4C-10, Honduras, Phase ID, Time Res, ISC. Includes stations like CNCH Conchagua, LCND La Caada, TECA Tecapa, etc.

Table with columns: TXAR, Lajitas Array, 90.82, 52, P, P, 11 23 24.7 +1.6. Includes stations like RAO Raoul Island, RAO Raoul Island, MXZ Matakaoa Point, etc.

INET 01 09:42:28.6, 12.96N-86.57W, h19km, MLS3.9, Nicaragua

Table with columns: Code, Station Name, ASCENSION HYDR, 7.32, 166, Time Res, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

JMA 01 11:10:26.3:0.1, 36.44N-140.80E, h57km, MW3.9, Moment

Table with columns: Code, Station Name, Hitachinakayama, 0.30, 266, Time Res, ISC. Includes stations like JHYU Hitachinakayama, JHYU Hitachi, etc.

NOU 01 11:34:00.6, 29.51S-178.03W, h329km, mb4.6/22, Kermadec Islands, New Zealand

Table with columns: Code, Station Name, Raoul Island, 0.81, 72, Time Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, MXZ Matakaoa Point, etc.

KRNET 01 10:02:25.9:0.1, 41.33N-69.72E, h19km, mb2.6

Table with columns: Code, Station Name, Tashkent, 0.16, 252, Time Res, ISC. Includes stations like TAS Tashkent, TRKS Terek-Say, etc.

NET 01 10:34:46.8, 13.25N-87.85W, h15km, MLC3.8

Table with columns: Code, Station Name, Hitachinakayama, 0.08, 41, Time Res, ISC. Includes stations like CNCH Conchagua, LCND La Caada, etc.

NET 01 10:34:49.6:1.2, 13.26N-87.88W, h2km, MLC3.5

Table with columns: Code, Station Name, Hitachinakayama, 0.08, 41, Time Res, ISC. Includes stations like CNCH Conchagua, LCND La Caada, etc.

2015 OCT

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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: 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 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: 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 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.

ISC 01 12:39:30.0±1.0,23.923N,0°02'122.50E,0.01,1h14km,6km,
n114,0886/227, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC, and data rows for stations like YONGUNIJIMAKU, YONAGUNI JIMA, etc.

Table with columns: YMO1, baz=323, eS, Sn, and data rows for stations like TYC Yuch, TYC Yuch, WHYT Xinyi Township, etc.

Table with columns: baz=228, eS, Sn, and data rows for stations like TSMG, ICHU, ICHU, CHN3, etc.

KRSC 01 12:49:55.0±2.7,50.40N,157.03E,1h100km,27km,ML4.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC, and data rows for Kuril Islands stations like SKR Severo-Kuril's, ALID Alaid, etc.

IASPEI 01 12:54:49.8±0.9,43.35N,0°02'19.28E,0.02,1h10km,6km,
Error ellipse: s-maj=4.2km s-min=2.5km az=131.5,GT5
selection from ISC bulletin GT5 identified by Bondr and
McLaughlin (2009) selection criteria Bondr and
McLaughlin. A new ground truth data set for seismic
studies. <!--Seism. Res. Let.</-->, 465-472, 2009

PDG 01 12:54:50.0±0.2,43.34N,19.27E,1h11km,MD2.5/2,
ML2.3/13,Error ellipse: s-maj=0.7km s-min=0.5km
az=90.0

BEO 01 12:54:51.3±0.2,43.34N,19.30E,1h1km,2km,ML2.1/12
ISC 01 12:54:49.7±0.9,43.36N,0°02'19.29E,0.02,1h11km,6km,
n29,0890/55,Northern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC, and data rows for stations like PLE Pljevlja, UPM Ujman-Piva, etc.

KOME	Kolasin	0.54	162	ePg	Pg	12	54	59.9	-0.3
KOME		eSg	Sg	12	55	07.5	+0.2		
NKY	Niksic	0.59	202	ePg	Pg	12	55	01.0	-0.2
NKY		eSg	Sg	12	55	09.6	+0.6		
NKME	Niksic	0.64	203	ePg	Pg	12	55	01.9	-0.3
NKME		eSg	Sg	12	55	11.2	+0.6		
IVA	Berane	0.66	138	ePg	Pg	12	55	02.4	-0.1
IVA		eSg	Sb	12	55	12.7	+0.2		
IVAS	Ivanjica	0.66	71	ePg	Pb	12	55	03.0	-0.4
IVAS		eSg	Sb	12	55	11.6	-1.1		
BRV	Bratogost	0.72	230	ePg	Pg	12	55	02.8	-0.8
BRV		eSg	Pg	12	55	13.8	-0.4		
CEME	Cevo	0.86	199	ePg	Pg	12	55	05.2	-1.1
CEME		eSg	Pb	12	55	18.9	+0.7		
DIVS	Divibare	0.90	34	ePg	Pb	12	55	08.0	-0.4
DIVS		eSg	Pb	12	55	19.4	-2.0		
PDG	Podgorica	0.93	182	ePg	Pg	12	55	09.2	-0.4
PDG		eSg	Pg	12	55	20.0	+0.3		
TTG	Podgorica	0.93	182	ePg	Pg	12	55	06.7	-0.9
TTG		eSg	Sb	12	55	20.6	+0.4		
TREB	Trebbinje	0.94	227	ePg	Pg	12	55	07.0	-0.9
TREB		eSg	Pb	12	55	21.4	+0.8		
HCY	Herceg Novi	1.08	213	ePg	Pg	12	55	08.0	-0.7
HCY		eSg	Pb	12	55	26.5	+0.6		
BUM	Brajici-Budva	1.10	196	ePg	Pb	12	55	09.8	-1.0
BUM		eSg	Pb	12	55	26.7	+0.4		
GRUS	Gruza	1.16	62	ePg	Pb	12	55	12.8	+0.8
GRUS		eSg	Pb	12	55	29.1	+1.3		
DRACE	Dracevica, Mon	1.18	184	ePg	Pb	12	55	11.2	+0.9
DRME		eSg	Pb	12	55	29.1	+1.0		
TRUS	Trudelj	1.18	43	ePg	Pg	12	55	13.4	+0.9
TRUS		eSg	Pb	12	55	30.1	+1.8		
TEKS	Tekeris	1.20	8	ePg	Pg	12	55	13.7	+0.9
TEKS		eSg	Pb	12	55	29.9	+0.9		
STON	Ston	1.26	248	ePg	Pb	12	55	13.2	-0.3
STON		eSg	Pg	12	55	31.9	+1.5		
SELS	Selova	1.34	95	ePg	Pg	12	55	15.2	-0.3
SELS		eSg	Pg	12	55	33.3	+0.8		
ULC	Ulcinj	1.40	181	ePg	Pg	12	55	16.9	+0.4
ULC		eSg	Pb	12	55	37.7	+2.5		
BOVS	Bovan	1.78	80	ePg	Pb	12	55	22.8	-1.1
BOVS		eSg	Pb	12	55	45.7	-1.2		
FRGS	Fruska Gora	1.83	12	ePg	Pb	12	55	23.6	-1.3
FRGS		eSg	Pb	12	55	49.0	+0.6		
BARs	Barje	1.93	106	ePg	Pb	12	55	49.6	+0.6
BARs		eSg	Pb	12	55	49.6	+0.6		
ZAGS	Zajecar	2.19	77	ePg	Pb	12	55	27.7	-0.2
ZAGS		eSg	Pb	12	55	32.7	-1.0		

IDC 01 12:56:42.3±.8,30.861N:87.60E,h0km,mb3.7/3, mb1 3.8/5,mb1mx3.4/5.1,mbtmp3.6/5,ML3.7/2,Error ellipse: s-maj=300.5km s-min=27.3km az=63.0, Xizang

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	16.07	138	Pn	Pn	13 00	29.6
CMAR		eSg	Sg	13 00	29.6	-0.1	
CMAR	0.4nm,0.3s,baz=313,slow=12,SNR=1.9						
MKAN	Makanchi Array	16.44	347	Pn	Pn	13 00	33.8
MKAN		eSg	Sg	13 00	33.8	-0.5	
MKAN	0.0nm,0.2s,baz=164,slow=7.5,SNR=3.0						
KURBS	Kurchatov Arr	20.83	344	P	P	13 01	25.1
KURBS		eSg	Pb	13 01	25.1	-0.8	
KURBS	0.4nm,0.2s,baz=158,slow=11,SNR=1.9						
WRM	Warrungana Arr	67.58	132	P	P	13 07	40.6
WRM		eSg	Pb	13 07	40.6	-0.3	
WRM	1.5nm,1.1s,baz=325,slow=6.4,SNR=5.7						
ASAR	Alice Springs	70.06	135	P	P	13 07	56.8
ASAR		eSg	Pb	13 07	56.8	+0.4	
ASAR	0.3nm,0.8s,baz=334,slow=7.6,SNR=4.1						

MEX 01 13:10:30.4±1.3,19.030N:104.32W,h5km,MD4.1,Near coast of Jalisco

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
R15V		0.35	66	eP	Pg	13 10	36.6
R15V		eSg	Sg	13 10	41.2	-0.6	
COIG	Colima	0.61	75	iP	Pb	13 10	41.1
COIG		eSg	Pg	13 10	49.6	-0.7	
ZEVS		0.81	56	eP	Pg	13 10	45.2
ZEVS		eSg	Pb	13 10	56.5	+0.2	
CJM	Chamela	0.83	305	iP	Pg	13 10	44.8
CJM		eSg	Pb	13 10	55.7	-1.5	
MMIG	Aquila	1.18	128	eP	Pg	13 10	51.1
MMIG		eSg	Pb	13 10	51.7	-0.9	
MOIG	Morelia	3.03	77	eP	Pb	13 11	16.9
MOIG		eSg	Pb	13 11	28.9	-2.4	
MQIC		4.01	65	eP	Pb	13 11	32.0
MQIC		eSg	Pb	13 11	32.0	-0.8	
JRQG	Juriquilla Cam	4.07	23	eP	Pg	13 12	20.7
JRQG		eSg	Pb	13 12	21.4	+2.2	
ZAIG	Zacatecas	4.07	23	eP	Pg	13 12	23.1
ZAIG		eSg	Pb	13 12	23.1	+1.3	
TOVIM	Toluca	4.39	86	eP	Pg	13 12	35.3
TOVIM		eSg	Pb	13 12	36.2	-4.2	
MVAV	Malinalco, Edo	4.59	103	eP	Pg	13 11	40.5
MVAV		eSg	Pb	13 12	35.3	+0.9	
MEIG	Mezcala	4.61	97	eP	Pg	13 11	40.3
MEIG		eSg	Pb	13 12	34.2	-0.6	
PLIG	Platanillo	4.61	97	eP	Pg	13 11	43.2
PLIG		eSg	Pb	13 12	43.2	+2.0	
TLIG	Tlapa	5.87	113	eP	Pg	13 13	00.0
TLIG		eSg	Pb	13 13	00.0	-0.7	
MGIG	Malinaltepec	5.69	107	eP	Pg	13 11	54.9
MGIG		eSg	Pb	13 13	00.0	-1.6	
FTIG	Fresnillo de T	5.98	100	eP	Pg	13 11	58.4
FTIG		eSg	Pb	13 12	00.0	-1.3	
HLIG	Huajuapán de L	6.30	100	eP	Pg	13 13	15.8
HLIG		eSg	Pb	13 13	15.8	-0.9	
TXIG	Tlaxiaco	6.47	105	eP	Pg	13 12	03.5
TXIG		eSg	Pb	13 13	20.7	-0.4	
YOIG	Yosondúa	6.80	107	eP	Pg	13 12	10.0
YOIG		eSg	Pb	13 13	28.1	-1.0	

MEX 01 13:11:35.9±0.8,16.484N:98.54W,h16km,10km,MD3.5,Near coast of Guerrero

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PNIG	Pinotepa	0.41	102	iP	Pg	13 11	42.9
PNIG		eSg	Sg	13 11	48.3	-1.5	
MGIG	Malinaltepec	0.76	353	eP	Pg	13 11	47.9
MGIG		eSg	Pb	13 11	57.1	-3.6	
YOIG	Yosondúa	1.02	68	eP	Pb	13 11	52.4
YOIG		eSg	Pb	13 12	05.0	-3.0	
TXIG	Tlaxiaco	1.07	44	eP	Pg	13 12	05.2
TXIG		eSg	Pb	13 12	05.2	-1.7	
TLIG	Tlapa	1.08	359	eP	Pb	13 11	53.1
TLIG		eSg	Pb	13 12	05.9	-4.3	
TLIG	Tlapa	1.08	359	eP	Pb	13 11	53.9
TLIG		eSg	Pb	13 11	53.9	-2.9	
PEIG	Puerto Escondi	1.42	110	eP	Pg	13 11	59.3
PEIG		eSg	Pb	13 12	15.2	-4.3	
FTIG	Fresnillo de T	1.47	115	eP	Pg	13 11	59.2
FTIG		eSg	Pb	13 11	59.2	-2.7	
HLIG	Huajuapán de L	1.52	28	eP	Pg	13 12	16.6
HLIG		eSg	Pb	13 12	16.6	-4.3	
HLIG	Huajuapán de L	1.52	28	eP	Pg	13 12	16.6
HLIG		eSg	Pb	13 12	16.6	-4.3	

WEL 01 13:17:15.8±1.4,46°S±.166E±.h12km,M4.1/17, ML4.1/7,MLV4.1/17,Error ellipse: s-maj=0.0km s-min=0.0km az=44.4,Off west coast of South Island

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PYV	Puysegur Point	0.53	87	P	Pb	13 17	26.7
PYV		eSg	Sg	13 17	35.6	+0.6	
WHZ	Wether Hill Ro	1.44	79	P	Pb	13 17	40.5
WHZ		eSg	Sg	13 17	59.6	-1.0	
APPZ	The Paps	1.57	115	P	Pb	13 17	42.9
APPZ		eSg	Pb	13 18	03.4	-0.2	
MLZ	Mavora Lakes	1.75	63	P	Pb	13 17	46.0
MLZ		eSg	Pb	13 17	49.0	-1.3	
MSZ	Milford Sound	2.08	344	P	Pb	13 17	53.3
MSZ		eSg	Pb	13 18	21.4	+0.8	
SYZ	Scrubby Hill	2.26	100	P	Pb	13 17	57.4
SYZ		eSg	Pb	13 17	57.4	+0.3	
EAZ	Earnsclough	2.56	69	P	Pb	13 18	29.9
EAZ		eSg	Pb	13 18	29.9	+1.7	
WAZ	Waikanae	2.57	59	P	Pb	13 17	58.0
WAZ		eSg	Pb	13 18	29.9	+0.5	
TUZ	Tuapeka	2.59	86	P	Pb	13 17	58.1
TUZ		eSg	Pb	13 18	30.3	+1.3	
JCZ	Jackson Bay	2.93	45	P	Pb	13 18	01.8
JCZ		eSg	Pb	13 18	01.8	-0.5	
HHZS	Highcliff Hill	3.27	96	P	Pb	13 18	06.9
HHZS		eSg	Pb	13 18	06.9	0.0	
ODZ	Otago Downs	3.51	73	P	Pb	13 18	09.0
ODZ		eSg	Pb	13 18	09.0	-1.1	
LBZ	Lake Benmore	3.51	61	P	Pb	13 18	13.4
LBZ		eSg	Pb	13 18	13.4	-1.2	
FOZ	Fox Glacier	3.84	48	P	Pb	13 18	20.6
FOZ		eSg	Pb	13 18	20.6	-1.9	
RPZ	Rata Peaks	4.41	58	P	Pb	13 19	12.5
RPZ		eSg	Pb	13 19	12.5	-1.2	

VVZ	Waitaha Valley	4.64	50	P	Pn	13 18	23.6
VVZ		eSg	Pb	13 18	23.6	-2.0	
OXZ	Oxford	5.21	59	P	Pn	13 18	31.0
OXZ		eSg	Pb	13 18	31.0	-2.6	

TEH 01 13:23:22.4,27°21'N:53°24'E,h5km,ML3.6
DSN 01 13:23:24.9,1.5,27°04'N:53°16'E,h10km,ML3.8/9,Error ellipse: s-maj=18.8km s-min=9.4km az=6.0
THR 01 13:23:25.8,0.7,27°32'N:53°39'E,h15km,ML3.7
IDC 01 13:23:26.5,3.4,27°07'N:53°13'E,h1km,35km,mb3.6/9,
Mb1 3.8/11,mb1mx3.5/4.5,mbtmp3.8/11,ML3.6/2,MS3.1/5,
M5 1.3/1.5,ms1mx2.6/4.1,Error ellipse: s-maj=23.6km s-min=17.2km az=34.0

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
LMD1	Lamerd	0.17	348	ePg	Pg	13 23	25.8
LMD1		eSg	Pb	13 23	33.9	-0.8	
comp=Z,94um,0.3s							
LAR1	LAR	1.15	64	ePg	Pn	13 23	46.0
LAR1		eSg	Pb	13 23	48.2	+0.5	
QIR1	QIR	1.31	354	ePg	Pg	13 24	15.4
QIR1		eSg	Pb	13 24	15.4	-0.9	
comp=Z,21um,0.4s							
JHRM	Jahrom	1.37	14	ePg	Pg	13 23	49.9
JHRM		eSg	Pb	13 24	21.1	-0.6	
comp=Z,18um,0.4s							
JHRM	Jahrom Island	2.42	168	ePn	Pb	13 24	03.5
JHRM		eSg	Pb	13 24	03.7	+2.7	
SHI	Shiraz	2.53	346				

Table with columns: WVZ, OXZ, INZ, Waitaha Valley, Oxford, Inchbonnie, Azimuth, Elevation, P, S, Time, Res

IDC 01 14:18:05.7-2.5, 6:92S:130.43E, h75km, 29km, mb3.4/1, mb1.4/0.6, mb1mx3.5/29, mbtmp4, 1/6, Error ellipse: s-maj=30.3km s-min=21.7km az=111.0

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

NEIC 01 14:31:10.2-1.7, 32:80S:0:04:72, 12W:0.08, h10km, 1km, mb4.5/6, ML4.3(GUC), Error ellipse: s-maj=11.9km s-min=6.4km az=258.0

VAO 01 14:31:10.7-0.4, 32:83S:72:10W, h11km, mb4.4, SJA 01 14:31:11.2-1.1, 32:89S:72:11W, h28km, 3km, ML4.4, MW4.3

GUC 01 14:31:12.0-0.8, 32:79S:72:11W, h30km, 4km, ML4.3, IDC 01 14:31:14.6-0.8, 32:74S:71:87W, h31km, 4km, mb4.0/9, mb1.4/1/3, mb1mx3.9/27, mbtmp4, 1/13, ML3.9/4, MS3.6/8, Mb1.3/6/8, ms1mx3.3/23, Error ellipse: s-maj=23.5km s-min=18.5km az=75.0

ISC 01 14:31:12.0-0.8, 32:80S:0:03:72, 15W:0.05, h23km, 5km, n156, s148/161, mb4.4/10, MS3.7/4, 3C-3D, Off coast of central Chile

Main table for the left column, listing station data for various stations like VA01, VA05, VA06, etc.

Main table for the middle column, listing station data for various stations like ACCO, AROD, RFA, LCO, LCA, LCO, etc.

Main table for the right column, listing station data for various stations like NVAR, TOR, ESOC, WRA, H11S2, H11S1, ZALV, MKAR, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for ARCS ARCES Array B, NB2 NORSAR Subarray, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MT01 Popeta, MT05 Renca, VA03 San Esteban, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for IPMB Ipermeri, ESAR Angra dos Reis, CLDB Colider, etc.

IDC 01 16:24:40.924.24.66N:109.25W, h0km, mb1 3.6/3, mb1mx3.4/35, mbtmp3.1/3, ML3.3/1, Error ellipse: s-maj=51.7km s-min=14.4km az=139.0

MEX 01 16:24:42.0.3.26:80N:106.07W, h20km, MD4.1 ISC 01 16:24:42.8.0.9.2437N:107.10951W:0.07, h10km, n7, z=6711, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for LPIG La Paz, LPIG Lajitas Array, CSIG Choix, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for VA03 San Esteban, VA03 San Esteban, VA03 San Esteban, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for SNUB Serra Nova Dou, DUB01 Friburgo-RJ, TBGT Tabatinga, etc.

PDG 01 16:40:41.4.0.1.42.40N:19.41E, h18km, MD2.6/2, ML2.4/13, Error ellipse: s-maj=0.1km s-min=0.1km az=0.0

BE01 01 16:40:42.1.0.2.42.47N:19.46E, h7km, 3km, ML2.0/9 ISC 01 16:40:41.8.0.9.42.43N:19.44E:0.02, h12km, 6km, n33, z=995/61, 7C-7D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for PDG Podgorica, PDG Podgorica, TTTG Podgorica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for BO02 Sierra Bellavi, BO02 Sierra Bellavi, BO02 Sierra Bellavi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, SNA3 Sanae, etc.

IDC 01 16:47:52.8.0.8.32.73S:72.09W, h0km, mb4, 1/9, mb1 4.2/14, mb1mx4.1/25, mbtmp4.1/14, ML4.1/5, MS3.6/5, Ms1 3.5/5, ms1mx3.2/27, Error ellipse: s-maj=26.3km s-min=17.9km az=85.0

VAO 01 16:47:54.8.0.4.32.74S:72.02W, h12km, mb4.3 NEIC 01 16:47:54.9.2.2.32.81S:72.03W:0.06, h13km, 3km, mb4.5/27, Mw4.1/34, ML4.4(GUC), Error ellipse: s-maj=8.1km s-min=2.7km az=68.0

NEIC 01 16:47:54.9.2.32.82S:72.13W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr:22, Mtt:29, Mss:1.52, Mtr:0.43, Mts:0.65, Mrt:1.1, Fault plane solution: M1:1.90000*-1015, NP1:1.457700*1.635, 91000*, 1.137, 31000*. NP2:1.7253000* .866, 56000*, 1.61, 97000*. Principal axes: T 1.8788, P159.0000*, Azm43.0000*, N 0.13855, Plg26.0000*, Azg184.0000*, P -2.0172, Plg17.0000*, Azg283.0000*.

GUC 01 16:47:55.9.0.9.32.86S:72.03W, h29km, 3km, ML4.4 ISC 01 16:47:53.3.1.4.32.77S:72.16W:0.04, h6km, 8km, n183, z1924/190, mb4.4/18, 7C-9D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for VAO1 Torpederas, VAO1 Torpederas, VAO1 Torpederas, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FETHY, BODT, KSL, YER, AKAS, etc.

ISC 01 17:11:42.5-2.6, 22.48N; 143.27E, h152km, 21km, mb3.7/6, mb1 3.8/8, mb1mx3.3/67, mbtmp4.2/8, Error ellipse: s-maj=47.6km s-min=17.8km az=60.0

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

ISC 01 17:15:13.6-12.0, 3.21S; 98.62E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/58, mbtmp3.6/3, Error ellipse: s-maj=423.7km s-min=33.3km az=62.0, Southwest of Sumatera

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

ISC 01 17:17:48.2-2.8, 7.19N; 93.70E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/55, mbtmp3.5/5, ML4.2/1, MS3.0/1, Ms1 3.0/1, ms1mx4.2/7, Error ellipse: s-maj=91.3km s-min=25.6km az=69.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR, LEM, H08S3, etc.

ISC 01 17:17:38-19.9-2.2, 17.46S; 97.80W, h0km, mb3.7/3, mb1 4.2/3, mb1mx3.8/29, mbtmp3.7/3, Error ellipse: s-maj=146.6km s-min=46.8km az=77.0, Southeastern Central Pacific Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H03N2, H03N1, etc.

ISC 01 17:48:46.3-1.6, 31.90S; 71.96W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.7/30, mbtmp3.7/3, ML4.0/1, Error ellipse: s-maj=68.7km s-min=38.3km az=72.0, GUC 01 17:48:48.5-0.9, 31.98S; 72.18W, h38km, 3km, ML3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VA06, VA01, VA06, etc.

ISC 01 17:48:47.1-2.1, 31.93S; 0.03; 72.09W, 0.09, h0km, 12km, n19, s102/31, 7C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like INET, NEIC, UCR, etc.

ISC 01 17:51:06.7-0.7, 9.53N; 83.90W, h11km, 23km, MW4.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LCR2, CDM, RIMA, etc.

ISC 01 17:51:06.6-0.7, 9.48N; 0.04; 84.07W, 0.04, h48km, 6km, n141, s149/158, mb3.9/77, MS3.2/3-15D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LCR2, CDM, RIMA, etc.

ISC 01 17:51:06.6-0.7, 9.48N; 0.04; 84.07W, 0.04, h48km, 6km, n141, s149/158, mb3.9/77, MS3.2/3-15D, Costa Rica

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

ISC 01 18:25:57.6-2.0, 33.19S; 178.51W, h54km, 8km, MD3.8, ECX 01 18:17:19.4-0.4, 27.73N; 111.66W, h0km, 6km, MD2.9, 2C, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CN12, BC3P, COLC, etc.

ISC 01 18:25:57.6-2.0, 33.19S; 178.51W, h54km, 8km, MD3.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OTAV, BARC, MASC, etc.

ISC 01 18:25:57.6-2.0, 33.19S; 178.51W, h54km, 8km, MD3.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SDV, SDV, TLIG, etc.

ISC 01 18:25:57.6-2.0, 33.19S; 178.51W, h54km, 8km, MD3.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SJG, PTGA, TXAR, etc.

ISC 01 18:25:57.6-2.0, 33.19S; 178.51W, h54km, 8km, MD3.8

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

ISC 01 18:26:02.1-1.7, 33.25S; 0.1; 178.5W, 0.2, h32km, n9, s076/77, mb3.9/4, South of Kermadec Islands

1d 18h

Table with columns: PPT, HNR, CTA, ASAR, WRA, GSPA, FINES. Rows include Papeete, Honiara, Charters Tower, Alice Springs, Warramunga Arr, South Pole Qui, FINESS Array B.

TRN 01 18:29:58.2, 14.97N:60.56W, h65km, MD4.4
TRN Felt in Martinique MMMI IV, Dominica MML III, S saint Lucia IV

NEIC 01 18:29:59.5, 1.6, 15.03N:0.05:60.56W:0.07, h65km, 5km, mb4-4/28, Md4.8(TRN), Error ellipse: s-maj=9.4km s-min=6.9km az=72.0

IDC 01 18:29:59.0, 7.1, 14.97N:60.61W, h72km, km, mb3.9/17, mb1.4/20, mb1mx3.9/45, mbtmp4.2/20, MS3.0/9, Ms1.3/0.9, ms1mx2.8/38, Error ellipse: s-maj=12.9km s-min=11.5km az=51.0

ISC 01 18:29:59.0, 0.6, 14.97N:60.56W:0.05, h72km, 5km, n165, t1906/196, mb4.3/23, Windward Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ilet Lapin Mar, Montagne Vaucl, Morne la Pointe, Morne Baiai, Morne Pois Mar, etc.

2015 OCT

Main station list table with columns: GPCR, OBIP, AOPR, ALPR, MOPR, CRPR, AGPR, HATO, BANI, SC01, SDDR, SDDV, SDV, SDV, SDV, URIC, MDP, MDP, SJCC, RUSC, RUSC, PTGA, PTGA, PTGA, PTGA, PTGA, CAP2, CAP2, BBSR, BBSR, MONT, ITTB, SAML, TKL, SWET, LPAZ, LPAZ, LPAZ, LPAZ, NBPN, GDU01, P4DA, SJMB, SCHO, SCHO, CPUP, TX31, TXAR, TXAR, TXAR, AC02, AC02, MNTX, AGMM, ULM, BNM, ANMO, SDCO, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR, H10N3, H10N2, H10N1, H10S3, H10S2, YHL, BGU, BGU, PSUT, PSUT, MDT, KOWA, KOWA, ESDC, NVAR, NVAR, PLCA, PLCA, PLCA, NEW, TORO, TORO, TORO, RES, RES, KEST, GERES, INK, INK, ILAR, ILAR, BRTR, BRTR, ASAR, WRA, WRA, WRA, ATH 01 18:44:12.8, 35.42N:23.38E, h56km, 2km, ML3.5/6, Error ellipse: s-maj=3.7km s-min=1.3km az=50.0

30

Main station list table with columns: HLW 01 18:44:12.8, 35.29N:23.75E, h9km, 35km, Md4.1, M13.8, ISK 01 18:44:13.0, 35.52N:23.43E, h31km, ML3.7/16, DDA 01 18:44:13.6, 35.50N:23.42E, h28km, 17km, MW3.6, THE 01 18:44:15.6, 35.42N:23.40E, h30km, 1km, ML3.4/9, Error ellipse: s-maj=2.2km s-min=0.9km az=229.0, IDC 01 18:44:16.8, 31.3, 35.45N:23.53E, h84km, 12km, mb3.7/8, mb1.3/7.14, mb1mx3.5/50, mbtmp3.9/14, MS3.0/7, Ms1.3/0.7, ms1mx2.7/36, Error ellipse: s-maj=19.5km s-min=16.9km az=18.0, ISC 01 18:44:12.9, 0.8, 35.38N:0.04:23.41E:0.04, h45km, 7km, n87, t2505/104, mb3.9/8, MS3.0/4, Crete

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like CKRC, GERES, DAVOX, KRLC, KHC, DPC, AKASG, PRU, KBZ, etc.

JMA 01:19:05.00:7.0, 4.44:06N:147.93E, h0km, M3.9
SKHL 01:19:05.02:4.0, 5.05:46N:148.10E, h6.4km, 5km, mb4.1/7
ISC 01:19:05.7:2.2, 44.44:3N:108.048:1E:0.1, h6km, 1.3km, n11, r1928/18, Kuril Islands

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

ARE 01:19:42:43.2, 2.15:69S:0:07:72:1W:0.1, h9km, 3km, Error ellipse: s-maj=13.9km s-min=9.5km az=87.0
VAO 01:19:42:46.2, 0.3, 15:71S:72:21W:0.1, h30km, mb4.5
NEIC 01:19:42:47.2, 2.1, 15:72S:0:06:72:1W:0.1, h30km, 4km, mb4.9/193, ML4.5(ARE), Error ellipse: s-maj=14.6km s-min=9.3km az=81.0
GCMT 01:19:42:49.2, 0.4, 15:54S:0:03:71:86W:0:05, h22km, 1km, MW4.8/68, Moment Tensor Solution, s19.c22, s68.c78, Duration: 0. Moment tensor: Scale 10^16Nm; M_r=1.02E+16; Mw=1.71E+11; Mw0.10E+11; Mw0.48E+14; Mw0.30E+08; Mv1.0E+23; Best double couple: Mv1.899000e+10 Np1.9e+29.000000, s54.000000, lambda=79.000000. Principal axes: T 1.8480, Plg9.0000, Azm12.0000; N 0.1010, Plg9.0000, Azm103.0000; P -1.9500, Plg78.0000, Azm238.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
IDC 01:19:42:49.3:2.4, 15:50S:71:85W, h44km, 22km, mb4.2/11, mb1.4/415, mb1mx4.2/36, mbtmp4.4/15, ML3.7/4, MS3.6/17, Ms1.3/17, ms1mx3.5/33 Error ellipse: s-maj=23.6km s-min=14.4km az=80.0

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like AP01, LPAZ, LPAZ, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like TBGT, VILB, PTLB, SALV, CALD, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like VWT, MIAR, MIAR, TXAR, TXAR, WHAR, WHAR, etc.

Table with columns: F3d, Station Name, Az, Phase, ID, Time, Res. Includes stations like Little Creek M, San Rafael Sw, Mount Pierson, Cedar City, etc.

Table with columns: Vnda, Station Name, Az, Phase, ID, Time, Res. Includes stations like Vanda, Sonseca Array, ESDC, etc.

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

BOSA	Boshof	1.01	30	iP	Pg	20 15 23.4	+1.3
BOSA	Boshof	1.01	30	iP	Pb	20 15 24.4	+1.7
PKA	Prieska	1.69	264	eP	Pn	20 15 32.6	-0.3
PKA				eS	Sn	20 15 54.4	-0.4
PKA				eS	IAML	20 16 03.1	
SWZ	Schweizer	2.37	14	eP	Pn	20 15 42.4	+0.1
SWZ				eS	Sn	20 16 12.1	+0.5
SWZ				eS	IAML	20 16 23.2	
UPI	Upington	3.22	290	eP	Pn	20 15 54.1	+0.3
UPI				eS	Sn	20 16 30.9	-1.5
UPI				eS	IAML	20 16 48.9	
SOE	Somerset East	3.29	167	eP	Pn	20 15 54.8	-0.1
SOE				eS	Sn	20 16 32.5	-1.8
SOE				eS	IAML	20 16 56.2	
GRAN	Grantham	3.54	217	eP	Pn	20 15 57.6	-0.6
GRAN				eS	Sn	20 16 38.4	-2.0
GRAN				eS	IAML	20 17 00.9	
AUGR	Augrabies	3.91	282	eP	Pn	20 16 03.7	+0.3
AUGR				eS	Sn	20 16 48.2	-1.4
AUGR				eS	IAML	20 17 07.5	
KLOF	Kloof	4.06	40	eP	Pn	20 16 05.1	-0.4
KLOF				eS	Sn	20 16 51.8	-1.6
KLOF				eS	IAML	20 17 12.7	
SUR	Sutherland	4.40	228	eP	Pn	20 16 12.7	+2.5
SUR				eS	Pg	20 16 22.1	+1.5
SUR				eS	Sn	20 17 02.4	+0.6
SUR				eS	Lg	20 17 17.5	
SUR				eS	Lg	20 16 12.5	+2.3
SUR				eS	Lg	20 16 10.1	-0.4
SUR				eS	Lg	20 17 01.9	-1.5
SUR				eS	Lg	20 17 02.4	
HRAO	HartRAO	4.47	37	eP	Pn	20 16 12.5	+2.3
HRAO				eS	Sn	20 17 01.9	-1.5
HRAO				eS	IAML	20 17 02.4	
LBTB	Lobatse	4.54	10	eP	Pn	20 16 12.1	+0.1
LBTB				eS	Pb	20 16 24.6	+1.8
LBTB				eS	Sn	20 17 01.6	-3.4
LBTB				eS	Lg	20 17 20.4	
LBTB				eS	Lg	20 16 11.8	-0.1
LBTB				eS	Sn	20 17 02.9	-2.1
LBTB				eS	IAML	20 17 26.1	
LBTB				eS	Pn	20 16 11.9	0.0
LBTB				eS	Pn	20 16 12.4	+0.5
LBTB				eS	Pn	20 16 12.4	+0.5
LBTB				eS	Pn	20 16 13.3	+0.7
ARMS	Ukamas	4.58	287	eP	Sn	20 17 04.1	-2.0
ARMS				eS	Sn	20 17 35.6	
ROSN	Rosenhof	4.60	182	eP	Pn	20 16 12.5	-0.2
ROSN				eS	Sn	20 17 02.8	-3.5
ROSN				eS	IAML	20 17 26.8	
CVNA	Calvinia	4.69	244	eP	Pn	20 16 13.8	-0.3
CVNA				eS	Sn	20 17 06.6	-2.3
CVNA				eS	IAML	20 17 39.8	
SLR	Silverton	4.92	41	eP	Pn	20 16 17.3	+0.1
SLR				eS	Sn	20 17 12.7	-1.8
SLR				eS	IAML	20 17 37.9	
MATJ	Matjiesfontein	5.14	222	eP	Pn	20 16 20.4	+0.1
MATJ				eS	Sn	20 17 17.0	-3.0
MATJ				eS	IAML	20 17 35.1	
CRNL	Carolina, Mapu	5.87	55	eP	Pn	20 16 29.7	-0.7
CRNL				eS	Sn	20 17 34.8	-3.3
CRNL				eS	IAML	20 17 43.0	
KOMG	Komaggas	6.28	265	eP	Pn	20 16 36.3	+0.5
KOMG				eS	Sn	20 18 24.4	-3.1
KOMG				eS	IAML	20 18 22.4	
POGA	Pongola	6.54	73	eP	Pn	20 16 39.5	+0.1
POGA				eS	Sn	20 17 50.6	-3.7
POGA				eS	IAML	20 18 21.2	
ELIM	Elim	6.59	218	eP	Pn	20 16 40.2	+0.1
ELIM				eS	Sn	20 17 51.5	-4.1
ELIM				eS	IAML	20 18 34.5	
AUSN	Aus	7.96	289	eP	Pn	20 17 00.0	+0.9
AUSN				eS	Sn	20 18 24.8	-4.6
AUSN				eS	IAML	20 19 13.1	
MOPA	Mopani	8.46	47	eP	Pn	20 17 06.0	+0.2
MOPA				eS	Sn	20 18 36.2	-5.3
MOPA				eS	IAML	20 18 36.4	
MOPA				iP	Pn	20 17 05.3	-0.5
MOPA				iS	Sn	20 18 36.3	-5.2
MOPA				iS	Pn	20 17 06.5	-1.1
MSNA	Messina	8.59	35	eP	Pn	20 18 38.0	-6.8
MSNA				eS	Sn	20 19 00.9	
MSNA				iP	Pn	20 17 07.4	-0.2
MSNA				iS	Sn	20 18 38.6	-6.1
MSNA				iS	Pn	20 17 07.4	-0.2
MSNA				iS	Sn	20 18 38.6	-6.1
MATP	Messina	9.67	22	eP	Pn	20 17 22.8	+0.3
MATP				eS	Sn	20 19 02.2	-9.2
MATP				eS	Lg	20 19 57.3	
MATP				iP	Pn	20 17 26.4	-0.3
MATP				iS	Sn	20 19 00.5	-1.8
MATP				iS	Pn	20 17 26.4	-0.3
MATP				iS	Pn	20 17 26.4	-0.3
MATP				iS	Pn	20 19 00.5	-1.8
MATP				iS	Pn	20 17 55.6	-0.5
TSUM	Tsumeb	12.12	326	eP	Pn	20 20 03.2	-8.3
TSUM				eS	Lg	20 21 17.7	
TSUM				eS	Lg	20 17 56.2	+0.2
LSZ	Lusaka	14.51	14	iP	Pn	20 18 28.1	-0.7
LSZ				iS	Sn	20 21 01.4	-8.8
LSZ				iS	Pn	20 18 28.1	-0.7
LSZ				iS	Pn	20 20 58.4	-1.2
LSZ				iS	Pn	20 18 28.0	-0.9
LSZ				iS	Sn	20 21 01.4	-8.8
MAW	Mawson	44.35	160	eP	Pn	20 23 12.8	-0.4
SNA	Sanae	44.82	192	eP	P	20 23 19.2	+2.1
SNA				eS	P	20 23 17.9	+0.8
SNA				eS	IAMB	20 23 20.1	
DBIC	Dimbokro	45.82	317	eP	P	20 23 25.6	0.0
TORD	Torodi Ar. Bea	47.85	329	eP	P	20 23 41.5	+0.1
TORD				eS	IAMB	20 23 42.5	
TORD				eS	IAMB	20 23 42.5	
HOPE	Hope Point	49.97	222	eP	P	20 23 58.9	+1.6
KOWA	Kowa	51.77	324	eP	P	20 24 10.2	-1.1
KOWA				eS	IAMB	20 24 12.3	
ESDC	Sonsec Array	73.80	337	eP	P	20 26 38.5	+0.7
ESDC				eS	IAMB	20 26 38.8	
ESDC				eS	IAMB	20 26 38.8	
KK31	Karatay Array	83.60	32	eP	P	20 27 33.1	+1.5
KKAR	Karatay Array	83.60	32	eP	P	20 27 33.0	+1.4
KKAR				eS	P	20 27 32.7	+1.1
KKAR				eS	IAMB	20 27 39.1	

comp=Z,4.5nm,1.1s

ASAR Alice Springs 93.88 120 P P 20 28 23.5 +2.0

ILAR Eilson Array 144.31 354 PKP PKPab 20 34 38.1 +1.2

NVAR Mena Array Bea 148.21 296 PKPbc PKPpdf 20 34 48.3 +1.7

comp=Z,0.1nm,0.5s,baz=51,slow=2.9,SNR=2.2

JMA 01 20:17:28.8:0.1,24:30N,122:97E,h46km,2km,M2.5

TAP 01 20:17:29.1,24:30N,122:91E,h59km,ML2.8,C

ISC 01 20:17:25.6:1.1,24:33N,122:94E,0.0:0.2,h17km,9km,
n70,0:18/104,1C,Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
JYNG	Yonagunijimaku	0.42	1	P	Sb	20 17 36.4	+1.9
JYNG				S	Pb	20 17 41.7	+1.1
JYNG				S	Pn	20 17 36.6	+1.8
YOJ	Yonaguni jima	0.43	9	iP	Sb	20 17 41.9	+0.9
YOJ				iS	Pb	20 17 36.5	+1.7
YOJ				iS	Pn	20 17 42.0	+0.9
IRIF	Iriomote-Funau	0.78	67	P	Pn	20 17 42.2	+0.4
IRIF				S	Pb	20 17 52.5	+1.4
HATJ	Hateruma jima	0.79	88	P	Pn	20 17 44.0	+2.0
JKRS	Kuro-shima	1.00	78	P	Pn	20 17 46.1	+1.3
JKRS				S	Pn	20 17 58.8	+0.3
EWUT	Wuta	1.14	291	P	Sn	20 17 47.8	+0.2
EWUT				eS	Pb	20 18 00.3	-1.0
EWUT				eS	Pb	20 17 47.2	+0.2
JJU	Ishigaki jima	1.15	73	P	Sb	20 18 00.7	-0.9
JJU				S	Pb	20 17 50.1	+1.2
ETL	Fush Village	1.21	276	eP	Pn	20 17 50.6	+1.3
ETL				eS	Pn	20 17 50.2	+0.8
TWD	Chiawan	1.23	273	eP	Pg	20 17 50.2	+0.8
Shiin				eS	Sn	20 18 05.5	+1.1
NACB	Ninganchiao	1.24	277	P	Pg	20 17 50.2	+0.8
NACB				eS	Sn	20 18 05.5	+1.1
NTC	Toucheng	1.30	309	eP	Sn	20 17 48.7	-0.3
ETLH	Xiulin Townshp	1.34	278	eP	Pg	20 17 51.4	-0.1
TWE	Neicheng	1.35	301	P	Pn	20 17 50.2	+0.6
TWE				eS	Sn	20 18 05.3	-1.8
JJSG	Ishigakijimahi	1.37	66	P	Pn	20 17 49.8	-0.1
JJSG				eS	Sn	20 18 05.7	-1.9
TIPB	Shuangxi	1.38	313	P	Pn	20 17 49.5	-0.7
TIPB				eS	Sn	20 18 04.0	-4.0
ENTT	Nioudou	1.39	296	P	Pn	20 17 50.9	+0.7
ENTT				eS	Sn	20 18 06.6	-1.7
ESL	Esler	1.40	261	eP	Pg	20 17 52.5	0.0
ESL				eS	Pn	20 18 10.2	-0.5
EGFH	Guangfu	1.43	256	eP	Pg	20 17 53.1	-0.1
EGFH				eS	Sg	20 18 12.7	+0.8
NWF	Wu-fen Shan	1.48	315	P	Pn	20 17 51.0	-0.6
NWF				eS	Sn	20 18 07.1	-3.4
HGSD	Ruisui	1.49	249	P	Pg	20 17 54.3	0.0
HGSD				eS	Sg	20 18 13.0	-0.7
WHF	Hehuan Shan	1.54	275	P	Pb	20 17 54.7	+0.9
WHF				eS	Sn	20 18 13.4	+1.0
YHNB	Yeheng	1.56	294	eP	Pn	20 17 55.1	+1.0
FUSS	Fushou	1.56	278	P	Pg	20 17 55.3	-0.4
EHY	Hungye	1.57	251	P	Pg	20 17 55.6	-0.2
EHY				eS	Pb	20 18 15.1	+1.3
NSK	Sanguang	1.58	294	eP	Pn	20 17 55.4	+1.0
CHGB	Renai	1.61	271	P	Pb	20 17 56.0	+0.9
CHGB				eS	Sb	20 18 15.6	+0.3
OWD	Renai	1.61	268	P	Pg	20 17 56.2	-0.5
OWD				eS	Pb	20 18 15.9	+0.7
EYUL	Yuli	1.63	246	P	Pg	20 17 56.8	-0.2
EYUL				eS	Sg	20 18 18.3	0.0
YULB	Yu-li	1.63	247	P	Pg	20 17 56.7	-0.3
YULB				eS	Sg	20 18 17.9	-0.4
CHKT	Chengkung	1.72	238	eP	Pn	20 17 57.4	+0.8
CHKT				eS	Sb	20 18 19.0	+1.0
JTJ	Tarama	1.72	69	P	Pn	20 17 55.3	+0.6
JTJ				eS	Sn	20 18 14.8	-1.5
FULB	Fuli	1.72	242	P	Pg	20 17 57.8	-0.9
FULB				eS	Sg	20 18 19.8	-1.4
SSLB	Suanglung	1.83	263	P	Pn	20 17 59.4	+0.7
EDH	Donghe	1.83	235	P	Pb	20 17 59.3	+0.6
EDH				eS	Sb	20 18 21.6	+0.2
WHP	Taichung City	1.84	278	P	Pb	20 17 59.7	+0.9
WHP				eS	Pb	20 18 21.6	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
h	m	s	ISC	ISC	ISC	ISC	ISC
TWB1	Santiao Chiao	0.28	311	P	Pg	20 41 13.8	-0.3
TWB1	baz=296			S	Sg	20 41 17.4	-0.5
NTC	Toucheng	0.36	275	eP	Pg	20 41 15.6	+0.1
TIPB	Shuangxi	0.39	292	eP	Pg	20 41 16.1	0.0
NWF	Wu-fen Shan	0.47	302	eP	Pg	20 41 17.9	+0.2
WFBS	Wu-fen Shan	0.47	302	P	Pg	20 41 17.7	0.0
TWE	Neicheng	0.52	259	eP	Pg	20 41 18.2	-0.3
TWE	baz=244			eS	Sb	20 41 27.6	+0.1
EWUT	Wuta	0.55	227	eP	Pg	20 41 19.5	+0.3
MWA	Mucha	0.60	285	eP	Pg	20 41 21.5	+0.2
TWA	baz=278			eS	Sb	20 41 30.0	0.0
ENTT	Nioudou	0.62	253	P	Pb	20 41 21.4	-0.3
NHDD	Xindian Distri	0.65	282	eP	Pb	20 41 22.5	+0.3
NHDD	baz=276			eS	Sb	20 41 31.6	+0.3
NWLT	Wulai	0.66	266	P	Pg	20 41 21.8	+0.6
YM01	YM01	0.67	299	P	Pg	20 41 21.9	+0.4
YM01	baz=291			eS	Sb	20 41 31.8	-0.3
YM08	Y08	0.68	302	eP	Pg	20 41 21.7	+0.1
TATO	Taipei	0.68	283	eP	Pg	20 41 22.9	+0.1
TATO	baz=276			eS	Sb	20 41 32.3	-0.1
ANP	Anpu	0.73	300	P	Pg	20 41 22.9	+0.2
JYNG	Yonagunijimaku	0.76	119	P	Pg	20 41 23.2	+0.1
JYNG	baz=293			eS	Sb	20 41 35.0	+0.7
NTST	Danshui	0.78	296	eP	Pb	20 41 24.2	-0.2
TWS1	Kuangyinshan	0.78	291	eP	Pg	20 41 23.8	0.2
TWS1	baz=296			eS	Sg	20 41 34.4	+0.6
YHNB	Yeheng	0.79	259	P	Pg	20 41 23.9	+0.3
NSK	Sangung	0.80	259	eP	Pg	20 41 23.6	-0.4
YOJ	Yonaguni jima	0.80	117	eP	Pg	20 41 24.0	0.0
YOJ	baz=122			eS	Sb	20 41 24.0	0.0
PCYT	Pengchayiu	0.81	350	eP	Pg	20 41 23.5	-0.7
ETL	Fush Village	0.86	220	eP	Pg	20 41 25.3	+0.2
NACB	Ningachiao	0.86	222	eP	Pg	20 41 25.1	-0.1
NACB	baz=221			eS	Sg	20 41 36.0	-0.5
ETLH	Xulin Townshi	0.91	228	eP	Pg	20 41 26.1	0.0
TWD	Chiawan	0.94	218	eP	Pg	20 41 26.2	-0.3
FUSS	Fushou	1.06	237	eP	Pg	20 41 28.6	-0.3
FUSS	baz=294			eP	Pg	20 41 29.5	+0.1
WHF	Tongmen	1.08	218	eP	Pg	20 41 29.8	0.0
WHF	Hehuan Shan	1.10	232	eP	Pg	20 41 29.8	0.0
WHF	baz=231			eS	Sb	20 41 44.9	0.0
TDCB	Techi	1.12	240	eP	Pg	20 41 30.2	+0.1
NSIT	Nanjiang	1.13	260	eP	Pg	20 41 31.3	+0.7
CHGB	Renai	1.22	232	eP	Pg	20 41 31.8	-0.2
ESL	Shilin	1.24	216	eP	Pb	20 41 32.1	-0.1
WHP	Taichung City	1.28	245	eP	Pn	20 41 33.1	+0.2
OWD	Renai	1.29	228	eP	Pn	20 41 33.1	+0.1
WCS	Beigang Elemen	1.42	238	eP	Pg	20 41 36.1	+0.3
DPDB	Guoxing	1.42	237	eP	Pg	20 41 36.0	+0.2
IRIF	Iriomote-Funau	1.46	109	P	Pb	20 41 36.2	+0.3
HGSD	Ruitsui	1.51	209	eP	Pb	20 41 36.7	-0.2
SMLT	Sun Moon Lake	1.53	232	eP	Pg	20 41 38.0	+0.2
TYC	Yuchr	1.55	234	eP	Pb	20 41 37.7	+0.3
EHY	Hungye	1.55	212	eP	Pb	20 41 37.0	+0.6
SSLB	Suanglung	1.55	229	eP	Pb	20 41 37.5	-0.1
HATJ	Hateruma jima	1.63	118	P	Pb	20 41 39.0	+0.1
YULB	Yu-ii	1.66	211	eP	Pb	20 41 38.5	+0.5
WHYT	Xinyi Township	1.68	228	eP	Pg	20 41 40.8	0.0
EYUL	Yuli	1.69	209	eP	Pn	20 41 39.2	+0.9
TWF1	Yuli	1.69	210	eP	Pn	20 41 38.8	+0.3
JKRS	Kuro-shima	1.73	109	P	Pn	20 41 39.4	+0.5
JIJ	Ishigaki jima	1.81	104	P	Pn	20 41 39.5	-0.5
JU	Ju	2.00	42.7	-0.5	Sn	20 42 02.7	-0.5
FULB	Fuli	1.83	208	eP	Pn	20 41 41.2	+0.9
ALS	Alishan	1.84	225	eP	Pb	20 41 42.4	-0.2
CHN5	Tsauiling	1.87	229	eP	Pb	20 41 43.1	+0.1
ELDTW	Lidau	1.97	214	eP	Pb	20 41 43.8	-0.9
WTK	Tuku	2.02	236	eP	Pb	20 41 45.0	-0.5
EDH	Donghe	2.03	205	eP	Pn	20 41 42.9	-0.1
CHN4	Tsauhsan	2.09	226	eP	Pb	20 41 46.5	-0.3
TPUB	Ta-pu	2.10	224	eP	Pb	20 41 46.2	-0.8
WTP	Ta-pu	2.15	223	eP	Pb	20 41 46.9	-0.9
TWK	Hsiyung	2.22	226	eP	Pb	20 41 48.0	-1.0
CHN1	Nanshi	2.25	224	eP	Pb	20 41 48.3	-1.2
SLGT	Lugui	2.33	219	eP	Pb	20 41 49.4	-1.4

WEL 01 20:43:43.6±0.9,36°S,8°17'18"E, h198km±11km, M3.4/15, M3.6/10, MLv3.4/15, Error ellipse: s-maj=0.0km s-min=0.0km az=72.7, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
h	m	s	ISC	ISC	ISC	ISC	ISC
MXZ	Matakaoa Point	1.27	160	P	Pn	20 44 15.1	0.0
MXZ	baz=296			S	Sn	20 44 40.3	+0.4
HAX	Te Kaha	1.39	179	P	Pn	20 44 15.8	-0.3
PKGZ	Pakihoro	1.54	171	P	Pn	20 44 18.2	+0.7
WMGZ	Waioamatani S	1.54	160	P	Pn	20 44 18.0	+0.5
KUZ	Kuaotunu	1.68	256	P	Pn	20 44 19.1	+0.3
PUZ	Puketiti	1.75	167	P	Pn	20 44 19.6	+0.2
PUZ	baz=206			S	Sn	20 44 47.4	-0.1
TWZ	Tauwhareparea	1.82	174	P	Pn	20 44 20.8	+0.7
GRZ	Great Barrier	1.86	273	P	Pn	20 44 19.8	-0.8
GRZ	Urewera	1.96	195	P	Pn	20 44 21.3	-0.2
MWZ	Matawai	1.97	185	P	Pn	20 44 21.6	-0.1
MWZ	baz=206			S	Sn	20 44 51.7	+0.2
TKGZ	Te Karaka	2.07	178	P	Pn	20 44 22.8	+0.1

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
h	m	s	ISC	ISC	ISC	ISC	ISC
TKGZ	Carnagh Statio	2.14	171	P	Pn	20 44 53.4	+0.1
CNGZ	Rariri	2.14	187	P	Pn	20 44 23.7	+0.1
RAGZ	Murupara	2.25	200	P	Pn	20 44 25.5	-0.1
MUGZ	Tahuroa Road	2.26	232	P	Pn	20 44 27.1	+0.4
MUGZ	Rimuhua	2.33	195	P	Pn	20 44 25.7	+0.1
RIGZ	Shannon Statio	2.44	188	P	Pn	20 44 28.4	-0.2
SNGZ	Paritu Road	2.56	178	P	Pn	20 45 01.0	+0.6
PTHZ	Maungataniwha	2.59	196	P	Pn	20 44 27.9	-0.5
RAHZ	Arahi	2.60	192	P	Pn	20 44 28.6	+0.1
RAHZ	Kokohu	2.65	181	P	Pn	20 44 29.2	-0.4
KNZ	Matea Rd	2.68	203	P	Pn	20 45 05.4	0.0
MRHZ	Waihua	2.74	189	P	Pn	20 44 29.9	-0.1
MRHZ	Mahia Peninsul	2.79	178	P	Pn	20 44 30.5	-0.1
WHHZ	Naumai	2.83	195	P	Pn	20 44 31.4	+0.2
ARHZ	Aropanuanui	2.96	192	P	Pn	20 44 32.3	-0.2
ARHZ	Black Stump Fm	2.97	197	P	Pn	20 44 32.0	-0.8
HIZ	Hauti	3.15	226	P	Pn	20 44 36.0	+1.1
MCHZ	McNeill Hill	3.19	195	P	Pn	20 44 35.1	-0.3
KWHZ	Kaweka Forest	3.23	199	P	Pn	20 44 35.1	-0.8
NNVZ	North Ngauruhoe	3.24	211	P	Pn	20 44 36.4	+0.2
CKHZ	Cape Kidnapper	3.33	189	P	Pn	20 44 36.1	-0.9
FWZ	Far West T-bar	3.37	211	P	Pn	20 44 37.3	-0.3
BHHZ	Black Hill Sta	3.40	203	P	Pn	20 44 36.7	-1.2
MOVZ	Moawhango	3.43	207	P	Pn	20 44 37.1	-1.2
KRHZ	Kereru	3.45	198	P	Pn	20 44 37.2	-1.3
KRHZ	Kahuranaki	3.49	191	P	Pn	20 45 20.1	-1.6
PXZ	Pawarui	3.73	191	P	Pn	20 44 40.5	-1.3
PNHZ	Pukenui	3.75	199	P	Pn	20 44 40.4	-1.8
WPHZ	Waipukurau	3.84	195	P	Pn	20 44 41.7	-1.6
TSZ	Takapari Road	3.95	200	P	Pn	20 44 42.6	-2.0
PRHZ	Porangahau	3.99	192	P	Pn	20 44 43.5	-1.7
DVHZ	Dannevirke	4.12	197	P	Pn	20 44 44.5	-2.3
BFZ	Birch Farm	4.47	195	P	Pn	20 44 49.0	-2.2
TIWZ	Tintock	4.64	198	P	Pn	20 44 51.0	-2.4
HOWZ	Holdsworth Sta	4.85	201	P	Pn	20 44 52.9	-3.1

ICD 01 20:49:26.5±0.8, 16°47'S, 141°55'E, h0km, mb3.9/9, mb1.4/13, mb1mx3.8/40, mbtmp4.0/13, ML 4.0/4, MS2.9/2, Ms1.2/9.2, ms1mx2.6/39, Error ellipse: s-maj=24.0km s-min=17.8km az=166.0

NEIC 01 20:49:29.1±1.0, 16°6'S, 141°51'E, h10km±1km, mb4.2/9, Error ellipse: s-maj=20.1km s-min=6.7km az=20.0

ISC 01 20:49:27.5±0.6, 16°46'S, 140°7'41.51"E, h0km, n57, c146°57', mb4.1/11, Mozambique Channel

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
h	m	s	ISC	ISC	ISC	ISC	ISC
OPO	Ambohidoatomo	5.81	112	Op	ISC	20 50 54.3	+0.0
OPO	13m,0.3s,baz=285,slow=13,SNR=103			Pn	Sn	20 51 55.4	-5.5
OPO	5.8mm,0.3s,baz=354,slow=19,SNR=8.7			Sn	Sn	20 50 57.2	+0.4
ABPO	Ambohimpnanom	6.01	116	iP	Pn	20 50 58.1	+1.3
ZOMB	Zomba	6.02	279	S	Sn	20 52 02.0	-3.9
ZOMB	Zomba	6.02	279	iP	Sn	20 50 58.1	+1.3
ZOMB	Zomba	6.02	275	iP	Sn	20 52 02.0	-3.9
SKRH	Sakahara	7.02	155	iP	Pn	20 51 10.6	0.0
VOI	Voitsoka	7.37	138	Pn	Pn	20 51 13.9	-1.6
VOI	Voitsoka	7.37	138	Pn	Pn	20 52 28.0	-1.1
KURU	Muhukuru	7.87	311	iP	Pn	20 51 23.1	+0.9
NGEA	Songea	8.08	315	iP	Pn	20 51 25.7	+0.6
MBAM	Mbamba Bay						

1d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for various stations like MNAS Manas, FRG Fergana, BOOM Boomskoeye usch, etc.

2015 OCT

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations like MDOK Medeo, MDOK Medeo, MDOK Medeo, etc.

36

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations like BUL 01 21:46:55, IDC 01 21:47:00, NEIC 01 21:47:10, etc.

1d 22h

VNDA	comp=Z,42nm,0.8s	62.50 186	P	P	22 59 45.1 +2.7
VNDA	comp=Z,24nm,0.8s,baz=7.8,slow=6.3,SNR=99	62.50 186	P	P	22 59 45.1 +2.7
VNDA	comp=Z,7.4nm,0.8s,baz=32,slow=1.7,SNR=3.9	62.50 186	P	P	23 00 22.9 +1.9
VNDA	comp=Z,60nm,21.1s,baz=3.5,slow=3.2	62.50 186	P	P	22 59 45.0 +2.6
VNDA	comp=Z,28nm,0.8s	62.50 186	P	P	22 59 45.0 +2.6
VNDA	comp=Z,28nm,0.8s	62.67 254	P	P	22 59 43.9 -0.6
PSA00	Pilbara Seismi	62.67 254	P	P	22 59 44.6
PSA00	Pilbara Seismi	62.67 254	P	P	22 59 43.7 -0.8
PSA00	comp=Z,35nm,0.9s	62.79 269	P	P	23 00 11.0 +0.9
PSA00	Mumere	62.79 269	P	P	23 00 59.9 -1.5
MEEK	Meeekatharra	62.31 248	P	P	22 59 46.8 -1.2
SGSI	Sangihe	63.22 283	P	P	22 59 48.7 +0.5
NWAO	Narrogin (SRO)	63.94 241	P	P	22 59 52.3 -0.4
NWAO	Narrogin (SRO)	63.94 241	P	P	22 59 51.7 -1.0
NWAO	comp=Z,31nm,1.3s	63.94 241	P	P	22 59 51.7 -1.0
NWAO	Narrogin (SRO)	64.31 277	P	P	22 59 56.2 +0.8
WSI	Waingapu	64.41 267	P	P	22 59 55.9 -0.2
BLDU	Ballidu	64.53 243	P	P	22 59 55.8 -0.8
MUN	Mundart	64.86 242	P	P	22 59 58.6 -0.1
BSSI	Bau Bau, Buton	65.09 271	P	P	23 00 00.2 -0.3
MORW	Morawa	65.24 245	P	P	23 00 00.5 -0.8
MORW	Morawa	65.24 245	P	P	23 00 00.5 -0.8
BNSI	Bone	65.91 272	P	P	23 00 06.6 +0.8
KAPI	Kappang	66.09 272	LR	LR	23 29 39.3
TTSI	Tana Toraja	66.56 274	P	P	23 00 09.7 -0.2
TOLIZ	Tolitoli	66.86 278	IAMB	IAMB	23 00 12.5
PLAI	Plampang	67.03 267	P	P	23 00 12.5 -0.4
GIRL	Giralila	67.67 252	P	P	23 00 17.2 +0.4
GIRL	Giralila	67.67 252	P	P	23 00 17.1 +0.3
TWSI	Taliwang, Sumb	67.91 267	P	P	23 00 18.0 -0.5
NIKH	Nikolski High	69.07 3	P	P	23 00 24.6 -0.2
MJAR	Matsushiro Arr	69.39 320	P	P	23 00 26.0 -1.2
MJAR	comp=Z,120nm,21.9s,baz=165,slow=31	69.39 320	LR	LR	23 25 31.7
CASY	Casey	69.51 205	P	P	23 00 23.9 -3.6
IGBI	Indragiri	69.55 266	P	P	23 00 28.7 0.0
SRBI	Singaraja	69.67 267	P	P	23 00 30.1 +0.7
KBKI	Kotabaru	69.99 272	P	P	23 00 31.4 0.0
UNJV	Unalaska Valle	70.09 5	P	P	23 00 30.9 -0.2
JAGI	Jajag, Banyuwu	70.59 267	P	P	23 00 33.9 -1.2
JAGI	Jajag, Banyuwu	70.59 267	P	P	23 00 33.9 -1.2
ABJI	Asem Bagus	70.68 267	P	P	23 00 36.1 +0.5
BBKI	Bandar Baru	71.22 272	P	P	23 00 40.2 +1.3
BLJI	Banyuglugur	71.30 267	P	P	23 00 39.3 -0.1
GMJI	Gumukmas	71.42 267	P	P	23 00 38.8 -0.7
CNBA	Chernabura Isl	71.81 9	P	P	23 00 41.4 0.0
CHNA	Chernabura Isl	71.82 9	P	P	23 00 40.2 -1.3
MTKI	Muara Teweih, K	71.87 274	P	P	23 00 43.8 +1.0
SBC	Santa Barbara	71.94 45	P	P	23 00 42.3 -0.4
SPMM	Sapulut	72.08 281	P	P	23 00 45.0 +0.9
MCCM	Marconi Confer	72.11 40	IAMB	IAMB	23 00 46.3
PKM	Mpherson Peak	72.14 44	P	P	23 00 46.1 +1.9
SAO	San Andreas Ge	72.17 42	IAMB	IAMB	23 00 47.0
SDPT	Sand Point	72.20 8	P	P	23 00 43.6 -0.2
CIS	Catalina Islan	72.25 46	P	P	23 00 45.6 +1.0
PMPB	Monarch Peak	72.26 43	IAMB	IAMB	23 00 47.3
SMMC	Simmer	72.26 44	P	P	23 00 46.7 +2.0
PAGB	Antelope Grade	72.33 43	P	P	23 00 47.1 +2.0
FMP	Fort Macarthur	72.50 46	P	P	23 00 47.3 +1.2
HOPS	Hopland Field	72.52 39	IAMB	IAMB	23 00 49.1
GRJI	Gresik	72.58 268	P	P	23 00 47.7 +0.7
KCPM	Cahto Peak	72.65 38	P	P	23 00 49.0 +1.9
KCPM	comp=Z,76nm,1.1s	72.65 38	IAMB	IAMB	23 00 50.1
BWJI	Bawean	72.68 269	P	P	23 00 47.3 -0.4
OSI	Ostio Audit: C	72.71 45	P	P	23 00 48.6 +1.1
DECC	Green Verdugo	72.78 46	P	P	23 00 49.0 +1.2
109C	Camp Elliot, M	72.88 47	P	P	23 00 49.7 +1.3
KMRM	Mail Ridge	72.92 38	P	P	23 00 50.9 +2.3
ARVC	Arvin	72.93 45	P	P	23 00 50.0 +1.3
MWC	Mount Wilson	72.95 46	IAMB	IAMB	23 00 52.5
PWJI	Pagerwojo	72.95 266	P	P	23 00 49.2 0.0
PET	Petropavlovsk	73.00 343	ceP	ceP	23 00 48.0 -0.6
PET	comp=Z,60nm,1.3s	73.17 44	P	P	23 00 51.3 +1.3
MURC	Murrieta	73.20 47	P	P	23 00 51.7 +1.3
TBJI	Tambak Boyo	73.21 268	P	P	23 00 50.1 -0.7
BFSC	Mount Baldy Ra	73.23 46	P	P	23 00 51.7 +1.1
VOG	Valley Oaks G	73.25 43	P	P	23 00 51.8 +1.4
PEA0B	Petropavlovsk	73.34 342	P	P	23 00 51.4 +0.7
PEA0B	comp=Z,111nm,0.9s	73.34 342	P	P	23 00 51.4 +0.7
PEA0B	Petropavlovsk	73.34 342	P	P	23 00 50.3 -0.4
PETK	comp=Z,48nm,21.7s,baz=150,slow=30	73.34 342	LR	LR	23 25 47.1
PETK	Petropavlovsk	73.34 342	P	P	23 00 50.2
EDWZ	Edwards Air Fo	73.36 45	P	P	23 01 17.1 +0.1
MONP2	Monument Peak	73.36 46	P	P	23 00 53.1 +1.5
CHIR	Chirikof Islan	73.40 11	P	P	23 00 50.9 0.0
CHGN	Chignik	73.41 9	P	P	23 00 50.9 0.0
002D	Mt. Diablo Mer	73.44 38	P	P	23 00 53.6 +1.9
NGJI	Ngawi	73.44 267	P	P	23 00 52.8 +0.7

2015 OCT

IKP	In-Ko-Pah, Jac	73.46 48	P	P	23 00 53.4 +1.5
ISA	Isabella, Lake	73.48 44	P	P	23 00 53.6 +1.6
PCJI	Pacific	73.51 266	P	P	23 00 52.7 +0.2
SFX	San Felipe	73.53 50	IAMB	IAMB	23 00 54.5
KRMB	Red Mountain	73.64 37	IAMB	IAMB	23 00 56.0
SRIG	Santa Rosalia	73.68 55	IAMB	IAMB	23 00 55.7
PFO	Pinyon Flats O	73.73 47	P	P	23 00 55.3 +1.8
PFO	comp=Z,58nm,1.5s	73.73 47	P	P	23 00 55.3 +1.8
PFO	Pinyon Flats O	73.73 47	P	P	23 00 56.2
PFO	comp=Z,58nm,1.4s	73.73 47	P	P	23 00 55.0 +1.4
TPFO	Pinon Flats	73.73 47	P	P	23 00 54.9 +1.4
BBRO	Big Bear Solar	73.76 46	P	P	23 00 55.2 +1.3
QSPA	South Pole Qui	73.80 180	P	P	23 00 55.8 +2.3
QSPA	comp=Z,57nm,0.8s	73.80 180	IAMB	IAMB	23 00 56.4
SWSC	San Stewart	73.84 48	P	P	23 00 55.3 +1.3
WDC	Whiskeytown F	73.84 38	P	P	23 00 55.5 +1.7
WDC	comp=Z,40nm,1.0s	73.84 38	P	P	23 00 55.5 +1.7
WDC	Whiskeytown Da	73.84 38	P	P	23 00 55.5 +1.7
SLBS	Sierra La Lagu	73.86 59	P	P	23 00 56.0 +1.5
KBO	Bosley Butte	73.90 36	P	P	23 00 56.3 +2.0
LRMC	Laurel Mtn Rad	73.91 45	P	P	23 00 55.9 +1.3
N02D	Trinity Center	73.99 38	P	P	23 00 56.6 +1.2
RRX	Edison Barstow	74.04 46	P	P	23 00 56.4 +1.2
YSS	Yuzh-Sakhalins	74.07 331	eP	eP	23 00 55.5 +0.5
YSS	comp=Z,110nm,0.9s	74.07 331	P	P	23 00 55.5 +0.5
003E	Paynes Creek	74.10 39	P	P	23 00 56.6 +1.1
M02C	Callahan	74.16 37	P	P	23 00 57.8 +2.0
CWC	Cottonwood Cre	74.18 44	P	P	23 00 57.5 +1.4
MDGP	Devils Postpil	74.21 42	P	P	23 00 57.8 +1.4
UGM	Umagatac	74.21 266	P	P	23 00 56.5 -0.2
L02E	Cave Junction	74.22 36	P	P	23 00 57.8 +1.7
BELC	Belle Mtn, Jus	74.26 47	P	P	23 00 58.0 +1.4
KEBM	Edson Butte	74.27 35	IAMB	IAMB	23 00 59.5
MPMC	Manual Prospe	74.36 44	P	P	23 00 58.8 +1.5
MLAC	Mammoth, Mammo	74.42 36	P	P	23 00 59.1 +1.8
GSC	Goldstone, Bar	74.40 45	P	P	23 00 58.6 +1.2
TIN	Tinianua, Big	74.43 43	P	P	23 00 59.2 +1.7
YOGI	Yogyakarta	74.45 266	P	P	23 00 57.2 -0.8
BC3	Big Chukcawall	74.46 47	P	P	23 00 59.3 +1.6
YBH	Yreka Blue Hor	74.46 37	P	P	23 00 59.4 +1.8
YBH	comp=Z,78nm,0.8s	74.46 37	P	P	23 00 59.4 +1.8
YBH	Yreka Blue Hor	74.46 37	P	P	23 00 59.4 +1.8
PBKI	Pangkalan Bun	74.47 272	P	P	23 00 58.9 +0.7
SMRI	Sam Rainsong	74.50 187	P	P	23 00 57.9 -0.5
K02D	Willamette Mer	74.53 36	P	P	23 00 59.5 +1.6
GLA	Glamis	74.59 48	IAMB	IAMB	23 01 01.5
GLA	Glamis	74.59 48	P	P	23 00 59.9 +1.5
J01E	Myrtle Point	74.68 35	P	P	23 01 00.3 +1.6
BEKR	Beckworth	74.72 40	IAMB	IAMB	23 01 01.7
QSM	Queen of Sheba	74.73 45	IAMB	IAMB	23 01 01.6
PNTR	Pine Nut	74.73 41	P	P	23 01 01.4 +2.0
PNTR	comp=Z,71nm,0.9s	74.73 41	IAMB	IAMB	23 01 02.1
VCNR	Virginia City	74.82 41	IAMB	IAMB	23 01 02.5
HUMO	Hull Mountain	74.88 36	IAMB	IAMB	23 01 02.0
YERR	Yerington	74.89 41	IAMB	IAMB	23 01 02.8
LHV	Little Huntoon	74.94 42	IAMB	IAMB	23 01 03.4
IRM	Iron Mountain	74.94 47	P	P	23 01 02.0 +1.5
GRAC	Grapevine Rang	74.97 44	P	P	23 01 02.3 +1.8
GWY	Greenwater Val	74.98 45	P	P	23 01 02.5 +1.6
M04C	Macdoel	75.00 38	P	P	23 01 02.2 +1.5
L04D	Klamath Falls	75.00 37	P	P	23 01 02.1 +1.4
FURC	Furnace Creek,	75.01 44	P	P	23 01 02.0 +1.3
DBO	Dodon Butte	75.04 36	P	P	23 01 02.2 +1.3
TUO	Turquoise Moun	75.08 46	P	P	23 01 02.7 +1.3
SHOC	Shoshone, Tec	75.09 45	P	P	23 01 02.6 +1.3
RYN	Rayn	75.14 42	P	P	23 01 02.4 +0.8
OHAK	Old Harbor	75.16 11	IAMB	IAMB	23 01 02.7
OHAK	Old Harbor	75.16 11	P	P	23 01 01.6 +0.5
NVAR	Mina Array Bea	75.17 42	P	P	23 01 03.3 +1.4
NVAR	comp=Z,106nm,21.4s,baz=270,slow=30	75.17 42	LR	LR	23 26 25.4
NVAR	Mina Array Bea	75.17 42	P	P	23 01 02.9 +1.0
NVAR	comp=Z,85nm,1.1s	75.17 42	sP	sP	23 01 03.5 +2.5
SSLB	Suangleung	75.18 301	P	P	23 01 01.6 -0.5
SSLB	comp=Z,50nm,1.2s	75.18 301	IAMB	IAMB	23 01 01.9
113A	Mohawk Valley,	75.20 49	P	P	23 01 03.4 +1.5
113A	comp=Z,56nm,1.2s	75.20 49	IAMB	IAMB	23 01 04.7
PAHR	Pah Rah Range	75.23 40	IAMB	IAMB	23 01 04.8
TPUB	Ta-pu	75.24 300	P	P	23 01 01.3 -1.1
TPUB	comp=Z,97nm,1.2s	75.24 300	IAMB	IAMB	23 01 02.1
NV11	Mina Array Sit	75.26 42	IAMB	IAMB	23 01 05.1
I02D	Swisschone	75.34 35	P	P	23 01 04.3 +1.8
I03D	Drain, OR	75.35 35	P	P	23 01 03.9 +1.3
SSUM	Saint				

GHRR	145.44 334	↑P	PKPab	23 08 57.7 +0.7
LANS	145.47 345	ePKIKP	PKPab	23 08 58.2 +1.1
LANS	145.47 345	ePKP	PKPab	23 08 58.2 +1.1
SCTR	145.49 333	↑P	PKPbc	23 08 57.1 +0.1
TLOR	145.49 331	↑P	PKPbc	23 08 57.3 0.0
UCC	145.51 2	ePKP	PKPbc	23 08 58.6 +0.1
UCC	145.51 2	ePKP	PKPbc	23 08 58.6 +0.1
TATR	145.52 333	↑P	PKPab	23 08 57.3 +0.3
EBEN	145.54 1	ePKP	PKPab	23 08 57.5 +0.3
BMR	145.60 330	↑P	PKPbc	23 08 57.2 -0.1
BMR	145.60 330	PKIKP	PKPbc	23 08 57.2 -0.1
PRA	145.63 351	ePKP2	PKPab	23 08 58.0 +0.4
PRA	145.63 351	ePKP	PKPab	23 08 58.0 +0.4
IZVR	145.69 333	↑P	PKPab	23 08 58.1 +0.2
KVU	145.69 351	ePKP2	PKPab	23 08 57.8 -0.1
KVU	145.69 351	ePKP	PKPab	23 08 57.8 -0.1
PRU	145.69 351	ePKP	PKPab	23 08 57.7 -0.4
TUDR	145.69 333	↑P	PKPab	23 08 58.7 +0.7
SCHL	145.69 333	↑P	PKPab	23 08 58.1 +0.1
BNN	145.70 317	PKPdf	PKPbc	23 08 58.1 0.0
MEM	145.73 0	ePKP	PKPbc	23 08 57.5 -0.1
NKC	145.74 353	ePKP2	PKPab	23 08 58.0 -0.1
NKC	145.74 353	ePKP	PKPab	23 08 58.0 -0.1
BSTI	145.75 1	ePKP	PKPab	23 08 58.1 +0.1
BSTI	145.75 1	ePKP	PKPab	23 08 58.1 +0.1
BTNL	145.75 0	ePKP	PKPbc	23 08 57.7 -0.1
JURR	145.78 331	↑P	PKPab	23 08 58.8 +0.5
SNF	145.79 2	ePKP	PKPbc	23 08 58.1 -0.1
SNF	145.79 2	ePKP	PKPbc	23 08 58.1 -0.1
ARCR	145.80 338	↑P	PKPab	23 08 58.5 +0.1
ARCR	145.80 338	↑P	PKPab	23 08 58.5 +0.1
CFR	145.81 332	PKIKP	PKPbc	23 08 57.8 -0.2
KECS	145.81 343	ePKP2	PKPab	23 08 58.5 +0.1
KECS	145.81 343	ePKP	PKPab	23 08 58.5 +0.1
ODBI	145.82 334	↑P	PKPab	23 08 59.0 +0.6
VRI	145.88 334	↑P	PKPbc	23 08 58.1 -0.1
VRI	145.88 334	↑P	PKPbc	23 08 58.1 -0.1
BCLA	145.91 1	ePKP	PKPbc	23 08 58.1 0.0
BCLA	145.91 1	ePKP	PKPbc	23 08 58.1 0.0
PIOR	145.92 334	↑P	PKPbc	23 08 58.2 -0.2
PIOR	145.92 334	PKIKP	PKPbc	23 08 58.2 -0.2
TPGR	145.93 331	↑P	PKPbc	23 08 58.8 -0.2
BGES	145.94 1	ePKP	PKPbc	23 08 57.8 +0.4
BGES	145.94 1	ePKP	PKPbc	23 08 57.8 +0.4
VRAC	145.98 348	↑P	PKPab	23 08 58.9 -0.1
VRAC	145.98 348	↑P	PKPab	23 08 58.9 -0.1
VRAC	145.98 348	ePKP	PKPab	23 08 58.8 -0.1
BHOU	145.99 0	ePKP	PKPbc	23 08 58.6 -0.2
BHOU	145.99 0	ePKP	PKPbc	23 08 58.6 -0.2
BMRD	146.01 2	ePKP	PKPbc	23 08 58.5 +0.1
BMRD	146.01 2	ePKP	PKPbc	23 08 58.5 +0.1
PBUC	146.07 351	ePKP	PKPbc	23 08 58.9 +0.2
ZBOP	146.08 335	↑P	PKPab	23 08 59.6 +0.1
ZBOP	146.08 335	↑P	PKPab	23 08 59.6 +0.1
COVR	146.11 335	↑P	PKPbc	23 08 58.6 -0.2
JAVB	146.17 346	ePKP	PKPbc	23 09 00.3 +0.5
RCHV	146.17 1	ePKP	PKPbc	23 08 58.9 0.0
RCHV	146.17 1	ePKP	PKPbc	23 08 58.9 0.0
TREC	146.20 349	ePKP2	PKPbc	23 08 59.2 +0.1
TREC	146.20 349	ePKP	PKPbc	23 08 59.2 +0.1
DOU	146.22 2	ePKP	PKPbc	23 09 00.3 +0.5
DOU	146.22 2	ePKP	PKPbc	23 09 00.3 +0.5
TIRR	146.23 331	↑P	PKPab	23 08 60.0 -0.1
TIRR	146.23 331	↑P	PKPab	23 08 60.0 -0.1
MESH	146.24 339	↑P	PKPbc	23 08 59.6 +0.1
YVHS	146.24 345	ePKP2	PKPab	23 08 59.9 -0.1
YVHS	146.24 345	ePKP	PKPab	23 08 59.9 -0.1
KRUC	146.25 348	ePKP	PKPbc	23 08 59.1 -0.1
KOLL	146.25 345	ePKP	PKPab	23 09 00.0 -0.1
HARR	146.28 332	↑P	PKPab	23 09 00.1 -0.1
HARR	146.28 332	↑P	PKPab	23 09 00.1 -0.1
TLBR	146.28 332	ePKP2	PKPab	23 09 00.1 -0.2
TLBR	146.28 332	ePKP	PKPab	23 09 00.1 -0.2
DOPR	146.34 336	↑P	PKPab	23 09 00.4 -0.1
CJR	146.39 338	↑P	PKPab	23 09 00.4 -0.3
CJR	146.39 338	↑P	PKPab	23 09 00.4 -0.3
NHRH	146.39 338	PKP2	PKPab	23 09 00.5 -0.3
NHRH	146.39 338	PKP2	PKPab	23 09 00.5 -0.3
MFTT	146.44 331	↑P	PKPab	23 09 00.5 -0.4
MFTT	146.44 331	↑P	PKPab	23 09 00.5 -0.4
PSZ	146.49 343	ePKP	PKPbc	23 09 00.1 +0.1
PSZ	146.49 343	ePKP	PKPbc	23 09 00.1 +0.1
PSZ	146.49 343	PKIKP	PKPbc	23 08 59.1 +0.5
PSZ	146.49 343	PKIKP	PKPbc	23 08 59.1 +0.5
MLR	146.51 335	↑P	PKPbc	23 08 59.9 -0.4
MLR	146.51 335	↑P	PKPbc	23 08 59.9 -0.4
SMOL	146.55 347	ePKP2	PKPab	23 09 01.3 +0.1
SMOL	146.55 347	ePKP	PKPab	23 09 01.3 +0.1
ISR	146.56 334	↑P	PKPbc	23 09 00.7 +0.4
ISR	146.56 334	↑P	PKPbc	23 09 00.7 +0.4
MDB	146.59 337	↑P	PKPab	23 09 01.3 -0.1
MDB	146.59 337	↑P	PKPab	23 09 01.3 -0.1
AMRR	146.61 332	PKP2	PKPab	23 09 01.3 -0.1
AMRR	146.61 332	PKP2	PKPab	23 09 01.3 -0.1
BR13	146.61 330	PKP2	PKPbc	23 09 00.7 -0.1
BR13	146.61 330	PKP2	PKPbc	23 09 00.7 -0.1
BRTR	146.61 320	PKPbc	PKPbc	23 09 01.1 -0.4
BRTR	146.61 320	PKPbc	PKPbc	23 09 01.1 -0.4
DRGR	146.63 339	↑P	PKPbc	23 09 00.3 -0.2
DRGR	146.63 339	↑P	PKPbc	23 09 00.3 -0.2
MIANR	146.63 339	PKP2	PKPbc	23 09 01.7 +0.1
MIANR	146.63 339	PKP2	PKPbc	23 09 01.7 +0.1
KHC	146.67 351	ePKIKP	PKPbc	23 08 59.3 +0.5
KHC	146.67 351	ePKP	PKPbc	23 08 59.3 +0.5
KHC	146.67 351	ePKP	PKPbc	23 09 00.9 +0.5
WLF	146.68 0	ePKP	PKPbc	23 08 57.8 -0.5
WLF	146.68 0	ePKP	PKPbc	23 08 57.8 -0.5
WLF	146.68 0	PKP2	PKPab	23 09 01.3 -0.3
WLF	146.68 0	PKP2	PKPab	23 09 01.3 -0.3
MDS	146.72 347	ePKP2	PKPbc	23 09 00.9 +0.3
MDS	146.72 347	ePKP	PKPbc	23 09 00.9 +0.3
MODS	146.74 347	ePKP	PKPbc	23 09 01.8 +0.3
MODS	146.74 347	ePKP	PKPbc	23 09 01.8 +0.3
ICOR	146.78 331	↑P	PKPab	23 09 01.5 -0.6
ICOR	146.78 331	↑P	PKPab	23 09 01.5 -0.6
SKCR	146.82 334	↑P	PKPbc	23 08 59.5 +0.4
SKCR	146.82 334	↑P	PKPbc	23 08 59.5 +0.4
CKRC	146.86 350	↑P	PKPbc	23 09 01.4 0.0
CKRC	146.86 350	↑P	PKPbc	23 09 01.4 0.0
VOIR	146.91 335	↑P	PKPbc	23 09 01.6 +0.2
VOIR	146.91 335	↑P	PKPbc	23 09 01.6 +0.2
ZST	146.93 347	ePKP2	PKPab	23 09 02.2 -0.4
ZST	146.93 347	ePKP2	PKPab	23 09 02.2 -0.4
BRATISLAVA	146.93 347	ePKP	PKPbc	23 09 01.4 -0.1
BRATISLAVA	146.93 347	ePKP	PKPbc	23 09 01.4 -0.1
GERES	146.93 351	PKPbc	PKPbc	23 09 01.6 +0.3
GERES	146.93 351	PKPbc	PKPbc	23 09 01.6 +0.3
GERES	146.93 351	PKPbc	PKPbc	23 09 01.4 +0.1
GERES	146.93 351	PKPbc	PKPbc	23 09 01.4 +0.1
GERES	146.93 351	PKPbc	PKPbc	23 09 02.0 +0.7
GERES	146.93 351	PKPbc	PKPbc	23 09 02.0 +0.7
LEHL	146.94 333	↑P	PKPab	23 09 02.5 -0.3
LEHL	146.94 333	↑P	PKPab	23 09 02.5 -0.3
BSZH	146.95 342	↑P	PKPbc	23 09 01.7 +0.5
BSZH	146.95 342	↑P	PKPbc	23 09 01.7 +0.5
BSZH	146.95 342	ePKP	PKPbc	23 09 02.1 -0.7
BSZH	146.95 342	ePKP	PKPbc	23 09 02.1 -0.7
SROZ	146.97 346	ePKP2	PKPbc	23 09 01.8 +0.3
SROZ	146.97 346	ePKP	PKPbc	23 09 01.8 +0.3
ANTO	147.04 321	↑P	PKPbc	23 08 55.1 -4.7
ANTO	147.04 321	↑P	PKPbc	23 08 55.1 -4.7
MTUR	147.08 335	↑P	PKPbc	23 09 01.9 +0.1
MTUR	147.08 335	↑P	PKPbc	23 09 01.9 +0.1
MTUR	147.08 335	PKP2	PKPbc	23 09 01.9 +0.1
MTUR	147.08 335	PKP2	PKPbc	23 09 01.9 +0.1
BUD	147.12 344	ePKP	PKPbc	23 09 01.4 -0.4
BUD	147.12 344	ePKP	PKPbc	23 09 01.4 -0.4
DEVA	147.35 338	↑P	PKPbc	23 09 02.5 -0.3
DEVA	147.35 338	↑P	PKPbc	23 09 02.5 -0.3
LOT	147.40 337	↑P	PKPbc	23 09 02.6 0.0
LOT	147.40 337	↑P	PKPbc	23 09 02.6 0.0
SKKR	147.43 345	ePKP	PKPbc	23 09 02.6 0.0
SKKR	147.43 345	ePKP	PKPbc	23 09 02.6 0.0
SIRR	147.44 340	↑P	PKPbc	23 09 03.1 +0.4
SIRR	147.44 340	↑P	PKPbc	23 09 03.1 +0.4
CONA	147.49 348	↑P	PKPbc	23 09 00.6 +0.4
CONA	147.49 348	↑P	PKPbc	23 09 00.6 +0.4
CONA	147.49 348	ePKP	PKPab	23 09 03.9 -0.9
CONA	147.49 348	ePKP	PKPab	23 09 03.9 -0.9
SGRR	147.51 333	↑P	PKPbc	23 09 03.7 +0.8
SGRR	147.51 333	↑P	PKPbc	23 09 03.7 +0.8
SOP	147.51 347	↑P	PKPbc	23 09 03.9 +0.4
SOP	147.51 347	↑P	PKPbc	23 09 03.9 +0.4
MDUB	147.61 323	↑P	PKPbc	23 09 04.1 +0.9
MDUB	147.61 323	↑P	PKPbc	23 09 04.1 +0.9
AMB	147.66 341	↑P	PKPbc	23 09 03.8 +0.6
AMB	147.66 341	↑P	PKPbc	23 09 03.8 +0.6
HUMR	147.69 335	↑P	PKPbc	23 09 02.9 -0.5
HUMR	147.69 335	↑P	PKPbc	23 09 02.9 -0.5
MPL	147.79 346	ePKP	PKPbc	23 09 01.1 +0.2
MPL	147.79 346	ePKP	PKPbc	23 09 01.1 +0.2
MAZ	147.80 332	↑P	PKPbc	23 09 03.2 0.0
MAZ	147.80 332	↑P	PKPbc	23 09 03.2 0.0
ROA	147.81 350	↑P	PKPbc	23 09 04.3 +0.6
ROA	147.81 350	↑P	PKPbc	23 09 04.3 +0.6
GZR	147.81 338	↑P	PKPbc	23 09 03.9 +0.1
GZR	147.81 338	↑P	PKPbc	23 09 03.9 +0.1
COPA	147.91 334	↑P	PKPbc	23 09 03.4 -0.6
COPA	147.91 334	↑P	PKPbc	23 09 03.4 -0.6
THI	147.96 345	ePKP	PKPbc	23 09 03.5 -0.5
THI	147.96 345	ePKP	PKPbc	23 09 03.5 -0.5
BFO	147.97 357	PKP2	PKPbc	23 09 04.5 +0.4
BFO	147.97 357	PKP2	PKPbc	23 09 04.5 +0.4
BFO	147.97 357	ePKP	PKPbc	23 09 04.5 +0.4
BFO	147.97 357	ePKP	PKPbc	23 09 04.5 +0.4
BZS	148.03 339	↑P	PKPbc	23 09 04.2 -0.1

BZS	148.03 339	↑P	PKPbc	23 09 04.2 -0.1
CLF	148.14 5	ePKP	PKPbc	23 09 06.0 -0.2
ARZ	148.16 348	eP	PKPbc	23 09 01.4 +0.1
ARSA	comp=2.6,1nm,1.1s	/P	PKPbc	23 09 05.2 +0.5
ZIMR	148.23 333	↑P	PKPbc	23 09 05.1 +0.3
ZIMR	148.23 333	↑P	PKPbc	23 09 05.1 +0.3
SRE	148.28 337	↑P	PKPbc	23 09 05.6 +0.6
SRE	148.28 337	↑P	PKPbc	23 09 05.6 +0.6
HERR	148.38 338	↑P	PKPbc	23 09 05.1 -0.2
HERR	148.38 338	↑P	PKPbc	23 09 05.1 -0.2
BANR	148.39 340	↑P	PKIKP	23 09 06.1 -0.7
DJES	148.53 338	↑P	PKPbc	23 09 02.9 +0.9
DJES	148.53 338	↑P	PKPbc	23 09 02.9 +0.9
BEHE	148.63 346	ePKP	PKPbc	23 09 05.9 +0.1
BEHE	148.63 346	ePKP	PKPbc	23 09 05.9 +0.1</

2d 0h

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

ICC 01 23:23:58.1-4.5, 6:37S; 146:39E, h124km, 54km, mb3.2/3, mb1 3.4/5, mb1mx3.2/34, mbtrmp3.6/5, Error ellipse: s-maj=22.2km, s-min=10.6km, az=100.0

ISC 01 23:25:56.9-2.2, 6:35S; 146:25E, 0/3, h100km, n7, 0563.8, Eastern New Guinea region

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

ICC 01 23:40:23.2-2.0, 6:45S; 129:40E, h0km, mb3.8/1, mb1 4.1/3, mb1mx3.7/27, mbtrmp3.9/3, ML4.1/2, Error ellipse: s-maj=118.7km, s-min=30.4km, az=68.0

NEIC 01 23:40:35.2-2.4, 6:41S; 0:05x130.6E, 0/1, h137km, 11km, mb4.1/5, Error ellipse: s-maj=19.5km, s-min=6.3km, az=96.0

ISC 01 23:40:32.4-0.9, 6:52S; 0:06x130.5E, 0/1, h100km, n20, 6246/23, mb3.7/3, Banda Sea

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

WEL 01 23:58:44.3-0.8, 45:54x16:8E, h78km, 6km, M4.4/29, mb4.6/3, ML4.7/29, ML4.5/29, Mw(MB)3.8/3, Error ellipse: s-maj=0.0km, s-min=0.0km, az=105.0

NEIC 01 23:58:45.2-1.4, 44:36S; 0:07x167.79E, 0/1, h87km, 5km, mb4.1/6, Error ellipse: s-maj=13.3km, s-min=6.1km, az=138.0

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

2015 OCT

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

NEIC 02 00:24:50.3-1.1, 33:61S; 0:09x177.4W, 0/2, h10km, 2km, mb4.4/9, Error ellipse: s-maj=24.4km, s-min=13.7km

WEL 02 00:24:59.0-0.9, 34:58S; 177:8W, h33km, M4.3/11, mb4.9/5, ML4.6/14, ML4.4/11, Mw(MB)4.1/5, Error ellipse: s-maj=0.0km, s-min=0.0km, az=112.5

ICC 02 00:25:02.9-1.2, 33:66S; 0:07x178.2W, 0/1, h35km, n41, mb1 4.3/4, mb1mx3.8/34, mbtrmp4.3/4, ML4.0/1, Error ellipse: s-maj=38.1km, s-min=26.5km, az=151.0

ISC 02 00:24:58.6-1.0, 33:66S; 0:07x178.2W, 0/1, h35km, n41, 0172/59, mb4.4/8, South of Kermadec Islands

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

URZ 7.1nm, 0.3s, baz=170, slow=17, SNR=11

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

2015 OCT

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

NEIC 02 00:28:36.9-1.3, 24:35S; 0:1x179.4W, 0/1, h544km, 12km, mb4.2/16, Error ellipse: s-maj=19.8km, s-min=17.3km

ICC 02 00:28:38.3-2.0, 24:60S; 179:89E, h494km, 20km, mb3.1/4, mb1 3.4/6, mb1mx3.2/33, mbtrmp4.1/6, Error ellipse: s-maj=28.2km, s-min=23.5km, az=145.0

ISC 02 00:28:36.3-0.7, 24:48S; 0:09x179.7W, 0/1, h500km, n36, 0173/37, mb3.8/8, South of Fiji Islands

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

ICC 02 00:31:16.9-13.0, 14:79S; 174:75W, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/25, mbtrmp3.5/3, ML3.8/1, Error ellipse: s-maj=51.2km, s-min=35.2km, az=29.0, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ, LPAZ, H03N1, etc.

NEIC 02 00:34:00.9-0.9, 43:04S; 0:1x177.4W, 0/0, h10km, 2km, mb4.4/12, Error ellipse: s-maj=17.1km, s-min=7.7km, az=174.0

ICC 02 00:35:51.2-2.0, 33:85S; 178:44W, h38km, 7km, mb3.8/4, mb1 4.0/5, mb1mx3.7/30, mbtrmp4.0/5, ML3.7/1, Error ellipse: s-maj=51.3km, s-min=30.6km, az=139.0

ISC 02 00:35:47.3-1.3, 33:95S; 0:1x177.8W, 0/2, h53km, n24, 0169/29, mb4.2/9, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Forrest, Pohnei, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Semarang, Karang Pucung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like El Pedregal, Tololo Observa, etc.

IDC 02 01:45:36.24.5, 27.26N: 111.92W, h0km, mb1 3.8/3, mb1mx3.6/32, mbtmp3.3/3, ML4.0/2, Error ellipse: s-maj=56.8km s-min=20.4km az=18.0

comp=Z, 2.4nm, 1.1s; comp=Z, 6umcomp=Z, 17.6nm, 0.4s; comp=Z, 6.3nm, 0.9s; comp=Z, 2.2nm, 1.1s; comp=Z, 1.0nm, 0.6s, baz=120, slow=8.1, SNR=1.3

comp=N, 13um, 0.4s; comp=E, 9um, 0.2s; comp=N, 1.3um, 0.4s; comp=N, 1.3um, 0.4s; comp=N, 1.3um, 0.4s

MEX 02 01:45:42.5.0.3, 27.89N: 111.94W, h10km, MD4.2; ISC 02 01:45:41.8.0.9, 27.87N: 111.82W, 0.06, h10km, n8, e263/12, Gulf of California

comp=Z, 9.5nm, 1.0s; comp=Z, 8.7nm, 0.8s; comp=Z, 8.2umcomp=Z, 6.32nm, 0.5s; comp=Z, 2.2nm, 1.1s; comp=Z, 4umcomp=Z, 11.0m, 0.7s

comp=N, 675nm, 0.3s; comp=N, 432nm, 0.3s; comp=N, 215nm, 0.4s; comp=N, 447nm, 0.4s; comp=N, 230nm, 0.3s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Santa Rosalia, Guaymas, Tucsion, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MNSI, SISI, PDSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AC04, MT05, etc.

IDC 02 01:58:12.5.0.9, 5.10S: 153.25E, h0km, mb4.2/7, mb1 4.5/15, mb1mx4.4/28, mbtmp4.5/15, ML4.3/6, MS3.5/6, Ms1 3.5/6, ms1mx3.2/23, Error ellipse: s-maj=21.5km s-min=18.5km az=88.0

comp=Z, 2.0nm, 1.0s, baz=131, slow=7.3, SNR=16; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s

comp=N, 67nm, 21.7s, baz=212, slow=40; comp=N, 0.0nm, 0.3s, baz=198, slow=9.6, SNR=1.2; comp=N, 0.1nm, 0.3s, baz=253, slow=12, SNR=4.0

DJA 02 01:58:15.8.0.1, 5.2S: 13.4E, h10km, M5.0/42, mb4.9/42, mb5.6/19, MLV4.9/9, Mw(MB)5.1/19, MwMwps.4/2, Mwps.6/2

comp=Z, 1.0nm, 0.7s; comp=Z, 1.0nm, 0.7s; comp=Z, 1.0nm, 0.7s; comp=Z, 1.0nm, 0.7s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

NEIC 02 01:58:17.9.1.4, 5.01S: 0.07: 134.15E: 0.07, h28km, 5km, mb4.6/30, Error ellipse: s-maj=11.5km s-min=9.2km baz=224.0

comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

ISC 02 01:58:16.6.0.4, 5.08S: 0.05: 134.19E: 0.05, h28km, n109, e177/112, mb4.8/40, MS3.5/4, CR, Aru Islands region

comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s; comp=Z, 1.5nm, 1.2s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAKI, SRPI, BNDI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMI, CD2, BJT, etc.

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

ISC 02 02:34:33.4.2.1, 9.1788N: 65.40W, h14km, 13km, mb4.0/19, mb1 4.2/23, mb1mx4.2/35, mbtmp4.2/23, ML3.8/4, MS3.2/5, Ms1 3.5/6, ms1mx2.9/27, Error ellipse: s-maj=18.6km s-min=9.3km az=24.0

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

NEIC 02 02:34:34.2.1.9, 17.95N: 0.04: 65.36W: 0.02, h14km, 5km, Error ellipse: s-maj=6.2km s-min=2.5km az=179.0

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

RSRP 02 02:34:34.9, 18.02N: 65.38W: 0.02, h14km, MD4.2/20

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

ISC 02 02:34:35.0.0.4, 17.99N: 0.03: 65.38W: 0.02, h23km, n243, e150/245, mb4.5/51, MS3.3/3, 32C-1D, Fault plane

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

HUMP Colution: NP1=1.02:35246; 379.05017; 1.103.00902; NP2=229.65045; 317.69574; 3.355500 Principal axes: T P1653.8916; Azm29.2160; N P1613.7314; Azm279.6440; P P1632.6425; Azm180.6387; Puerto Rico region

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSH, ZALV, AAK, etc.

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

IDC 02 02:06:24.4.1.2, 31.11S: 71.62W, h0km, mb3.7/3, mb1 3.8/6, mb1mx3.6/24, mbtmp3.6/6, ML3.4/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=22.3km s-min=18.8km az=18.0

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

GUC 02 02:06:31.2.0.7, 30.77S: 71.43W, h50km, 1km, ML4.0, ISC 02 02:06:31.9.1.4, 30.77S: 71.39W: 0.04, h33km, n3km, n22, e987/37, mb3.6/3, 6C, Near coast of central Chile

comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s; comp=Z, 1.0nm, 1.0s

comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s; comp=N, 230nm, 0.3s

Table of station data for the left column, including call signs, frequencies, and coordinates.

Table of station data for the middle column, including call signs, frequencies, and coordinates.

Table of station data for the right column, including call signs, frequencies, and coordinates.

IDC 02:02:51:10.9.2.8.32:82S-178:40W, h0km, mb4.2/2, m14.6/4, mb1mx4.0/25, mb1mnp4.4/4, ML4.6/2, MS3.4/2, M13.4/2, m1mx2.9/21 Error ellipse: s-maj=68.5km s-min=29.9km az=122.0

NEIC 02:02:51:13.1u.0.5.32:85S.0:04:178:4W.0:2, h10km, 1km, mb4.5/8, Error ellipse: s-maj=25.2km s-min=7.2km az=269.0

WEL 02:02:51:15.3u.0.5.33'S.10:17'9W.2'4, h33km, M4.5/19, m85.0/13, ML4.9/24, MLV.4.7/19, Mw(mB)4.4/13, Error ellipse: s-maj=0.0km s-min=0.0km az=111.9

ISC 02:02:51:15.3u.0.9.32:82S.0:08:178:7W.0:2, h32km, n56, a:179/70, mb4.5/6, MS3.1/3, South of Kermadec Islands

Table with 10 columns: Code, Station Name, Az, El, P, Phase, ID, ISC, Time, h, m, s, Res. Contains station data for the right column.

FITZ	Fitzroy Crossi	51.83 272	P	P	03 00 22.1 +1.6
FITZ	comp=Z,7.5nm,1.3s		Iamb	Iamb	03 00 33.3
CASY	Casey	52.75 209	P	P	03 00 27.1 +0.5
CASY	comp=Z,7.7nm,1.2s		Iamb	Iamb	03 00 35.5
QSPA	South Pole Qui	57.30 180	P	P	03 01 01.4 +1.7
QSPA	comp=Z,6.6nm,1.0s		Iamb	Iamb	03 01 23.4
SNAE	Snae	75.76 179	P	P	03 03 06.7 +9.2
SNAE	Snae	75.76 179	P	P	03 02 58.5 +1.1
VNA3	Neumayer Olymp	75.94 176	P	P	03 03 08.6 +1.0
VNA2	Neumayer-Watz	76.36 177	P	P	03 03 11.4 +1.1
VNA2	baz=173,slow=8				
VNA1	Neumayer-Stat	76.60 177	P	P	03 03 12.8 +1.1
FINES	FINES Array B	147.19 338	PKPbc	PKPab	03 10 55.0 -1.1
FINES	comp=Z,1.7nm,0.5s,baz=37,slow=4,SNR=11				

IDC 02 03:34:27.0,12.0,22:48S:177:24W,h431km,145km,
mb3.3/4,mb1 3.7/4,mb1mx3.3/19,mbtm4.1/4,Error
ellipse: s-maj=189.6km s-min=38.1km az=161.0, South
of Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ASAR	Alice Springs	44.79 259	Op	h m s	ISC
ASAR	Alice Springs	44.79 259	Op	03 42 00.8 -0.1	
ASAR	comp=Z,0.9s,baz=89,slow=8.2,SNR=14				
WRA	Warramunga Arr	45.06 264	P	03 42 02.8 -0.2	
WRA	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
NVAR	Mina Array Bea	41.98 43	P	03 46 01.1 +0.3	
NVAR	0.9nm,0.8s,baz=229,slow=9.5,SNR=6.1				
TXAR	Lajitas Array	87.57 57	P	03 46 27.7 -0.5	
TXAR	1.2nm,1.1s,baz=216,slow=9.0,SNR=4.1				
BRTR	Keskin Array B	148.67 310	PKPbc	03 53 24.5 -0.4	
BRTR	4.0nm,2.0s,baz=136,slow=4.0,SNR=2.2				

FUNV 02 03:41:17.0, 10:78N:62:20W,h81km,MW3.1
TRN 02 03:41:17.6, 10:78N:62:18W,h28km,MW3.5
ISC 02 03:41:15.7, 1:3, 10:76N:0:04:62.24W,h82km,14km,
n24,-1:846/41, Near coast of Venezuela

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TRN	Trinidad (W)	0.83 98	Op	h m s	ISC
TRN	Trinidad (W)	0.83 98	Op	03 41 33.6 +0.6	
TRN	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
TRN	Trinidad (W)	0.83 98	Op	03 41 33.9 +0.8	
TRN	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
CRUV	Carupano	0.98 265	Op	03 41 35.8 +1.1	
CRUV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
GRGR	Grenville	1.48 23	Op	03 41 40.7 -0.1	
GRGR	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
GRGR	Grenville	1.48 23	Op	03 41 58.6 -1.2	
GRGR	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
TOSP	Speyside	1.75 72	Op	03 41 46.5 +2.1	
TOSP	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
TOSP	Speyside	1.75 72	Op	03 42 04.0 -1.4	
TOSP	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
GCMP	Grenada, Carri	1.89 25	Op	03 41 46.0 -0.2	
GCMP	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
PCRV	Puerto La Cruz	2.43 256	Op	03 41 53.8 +0.4	
PCRV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
PCRV	Puerto La Cruz	2.43 256	Op	03 42 21.3 -1.0	
PCRV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
SVB	Beimont	2.67 21	Op	03 41 58.8 +2.1	
SVB	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
SVB	Beimont	2.67 21	Op	03 42 27.7 -0.7	
SVB	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
RIOV	Rio Grande	2.71 171	Op	03 41 56.7 +1.5	
RIOV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
RIOV	Rio Grande	2.71 171	Op	03 42 28.0 -1.1	
RIOV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
PRGV	PARIAGUAN	3.10 230	Op	03 42 03.0 +0.6	
PRGV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
PRGV	PARIAGUAN	3.10 230	Op	03 42 36.8 -1.6	
PRGV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MCLT	Moule a Chique	3.19 23	Op	03 42 04.7 +1.1	
MCLT	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MCLT	Moule a Chique	3.19 23	Op	03 42 40.7 -0.3	
MCLT	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
SLBI	Saint Lucia, B	3.47 21	Op	03 42 07.6 +0.1	
SLBI	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
SLBI	Saint Lucia, B	3.47 21	Op	03 42 45.6 -1.8	
SLBI	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MPOM	Morne Pois Mar	3.90 20	Op	03 42 14.2 +0.9	
MPOM	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MPOM	Morne Pois Mar	3.90 20	Op	03 42 56.9 -1.0	
MPOM	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BIM	Bigot	3.90 17	Op	03 42 14.3 +1.0	
BIM	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BIM	Bigot	3.90 17	Op	03 42 56.2 -1.3	
BIM	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BIRV	Boronong	3.97 266	Op	03 42 15.8 +1.5	
BIRV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BIRV	Boronong	3.97 266	Op	03 42 45.6 -1.8	
BIRV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
TDBA	Terre de Bas,	5.09 7	Op	03 42 32.0 +2.5	
TDBA	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
TDBA	Terre de Bas,	5.09 7	Op	03 43 26.3 -0.7	
TDBA	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MAGL	Barre de l'île	5.24 10	Op	03 42 34.0 +2.5	
MAGL	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
MAGL	Barre de l'île	5.24 10	Op	03 43 29.1 -1.5	
MAGL	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
CBE	Ft. Capesier	5.31 7	Op	03 42 47.7 -1.3	
CBE	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
CBE	Ft. Capesier	5.31 7	Op	03 43 32.3 -0.1	
CBE	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BAUV	Ej. Bauler	6.00 253	Op	03 42 41.3 -0.7	
BAUV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				
BAUV	Ej. Bauler	6.00 253	Op	03 43 45.2 -0.0	
BAUV	comp=Z,2.2nm,0.9s,baz=101,slow=7.3,SNR=8.8				

IDC 02 03:55:24.1,2.8,33:02S:178:27W,h0km,mb4.3/3,
mb1 4.4/4,mb1mx3.9/30,mbtm4.3/4,ML4.0/1,Error
ellipse: s-maj=61.7km s-min=15.1km az=119.0
NEIC 02 03:55:26.3,3:03.0S:0:1.178:27W:0.07,h10km,2km,
mb4.6/6,Error ellipse: s-maj=24.0km s-min=9.5km az=5.0
ISC 02 03:55:26.9,1.6,33:05S:0:1:178:5W:0.2,h10km,n12,
e080/13,mb4.3/7, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
URZ	Urewera	6.36 213	Op	h m s	ISC
URZ	Urewera	6.36 213	Op	03 57 01.2 +0.5	
URZ	comp=Z,0.3s,baz=302,slow=3.8,SNR=18				
URZ	Urewera	6.36 213	Op	03 58 12.8 -0.6	
URZ	comp=Z,0.3s,baz=302,slow=3.8,SNR=18				
BKZ	Black Stump Fm	7.36 212	Pn	03 57 14.3 -0.5	
BKZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
CTA	Charters Tower	33.92 293	P	04 02 11.4 +1.1	
CTA	2.1nm,0.5s,baz=108,slow=12,SNR=1.7				
AS31	Alice Springs	42.64 270	P	04 03 23.6 -0.2	
AS31	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
ASAR	Alice Springs	42.64 270	P	04 03 23.6 -0.2	
ASAR	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WRO	Warramunga Arr	43.69 275	P	04 03 31.6 -0.6	
WRO	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WRO	Warramunga Arr	43.69 275	P	04 03 32.3 -0.4	
WRO	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WB2	Warramunga Arr	43.85 275	P	04 03 33.4 -0.4	
WB2	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WRA	Warramunga Arr	43.87 275	P	04 03 33.4 -0.3	
WRA	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WB0	Warramunga Arr	43.90 275	P	04 03 33.5 -0.5	
WB0	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
CASY	Casey	52.67 209	P	04 04 00.8 -0.1	
CASY	comp=Z,2.9nm,0.8s				
CASY	Casey	52.67 209	P	04 05 01.7	
CASY	comp=Z,2.9nm,0.8s				
QSPA	South Pole Qui	57.12 180	P	04 05 14.2 +0.9	
QSPA	comp=Z,2.9nm,0.8s				
QSPA	South Pole Qui	57.12 180	P	04 05 27.5	
QSPA	comp=Z,2.9nm,0.8s				
FINES	FINES Array B	147.43 338	PKPbc	04 15 08.6 -1.6	
FINES	comp=Z,1.3nm,0.4s,baz=35,slow=4,SNR=12				

IDC 02 04:04:04.7,1.3,32:89S:178:07W,h0km,mb4.5/4,
mb1 4.7/5,mb1mx4.2/26,mbtm4.5/5,ML4.4/1,MS3.6/4,
MS1 3.6/4,ms1mx3.2/24,Error ellipse: s-maj=33.5km
s-min=32.2km az=18.0
WEL 02 04:04:08.0,0.6,33:05S:0:1:179W:2.1,h33km,MA.5/18,
MB5.0/11,ML5.0/18,MLV4.8/18,MW(m)B4.3/11,Error
ellipse: s-maj=0.0km s-min=0.0km az=111.4
NEIC 02 04:04:08.7,1.6,33:1S:0:1:178:4W:0.2,h10km,1km,
mb4.6/13,Error ellipse: s-maj=24.6km s-min=16.5km
az=74.0

ISC 02 04:04:10.4,0.8,32:96S:0:06:178:2W:0.1,h35km,n65,
e170/70,mb4.6/10,MS3.3/5, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GLKZ	Green Lake	3.70 4	Op	h m s	ISC
GLKZ	Green Lake	3.70 4	Op	04 04 53.9 +1.1	
GLKZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
GLKZ	Green Lake	3.70 4	Op	04 05 43.4 -3.9	
GLKZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
RIZ	Raoul Island S	3.71 4	P	04 04 52.9 -1.2	
RIZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WMGZ	Waioatani S	5.58 209	P	04 05 32.0 +1.2	
WMGZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
WMGZ	Waioatani S	5.58 209	P	04 06 38.0 +4.4	
WMGZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
PKGZ	Pakhihiroa	5.77 211	P	04 05 11.8 -1.8	
PKGZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
PKGZ	Pakhihiroa	5.77 211	P	04 06 38.0 -0.7	
PKGZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
HAZ	Te Kaha	5.80 213	P	04 05 33.5 -0.3	
HAZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
HAZ	Te Kaha	5.80 213	P	04 06 40.5 +1.5	
HAZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
PUZ	Pukitaki	5.86 208	P	04 05 34.4 -0.2	
PUZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
PUZ	Pukitaki	5.86 208	P	04 06 39.1 -1.4	
PUZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
RUGZ	Raukumara Rang	6.01 213	P	04 05 37.3 +0.4	
RUGZ	comp=Z,2.5nm,0.4s,baz=102,slow=9.1,SNR=16				
RUGZ					

2d 5h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MXTX Muleshoe, LENM Lemitar, WLAR White Oak Lake, etc.

2015 OCT

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VRI Vricioiaia, CSS Mathias, FINES FINESS Array B, etc.

46

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PGAV Gavieira, ELOB Lobos, EAOB 0.5m,0.1s,SNR=7.9, etc.

MTVR	Mutnovka	1.44 250	PN	Pn	05 28 42.9 +0.7
MTVR	Mutnovka	1.44 250	eP	Sn	05 29 00.2 +0.3
MTVR	Mutnovka	1.44 250	eS	Sn	05 28 42.9 +0.7
GRL	Gorelyy	1.48 253	PN	Sn	05 29 02.2 +0.3
GRL	Gorelyy	1.48 253	eP	Sn	05 28 43.6 +0.8
GRL	Gorelyy	1.48 253	eS	Sn	05 29 01.5 +0.6
GNL	Ganally	1.62 296	PN	Sn	05 28 45.0 +0.2
GNL	Ganally	1.62 296	eP	Sn	05 29 05.2 +0.7
GNL	Ganally	1.62 296	eS	Sn	05 28 45.0 +0.2
PEA0B	Petrovskovsk-	1.63 275	PN	Pn	05 28 45.1 +0.4
PETK	Petrovskovsk-	1.63 275	Pg	Pn	05 28 44.5 -0.2
PETK	104nm,0.3s,baz=111,slo=8.1,SNR=12		Lg	Lg	05 29 04.8
ASAK	Asacha	1.64 249	PN	Sn	05 28 46.1 +1.2
ASAK	Asacha	1.64 249	eP	Sn	05 29 06.0 +1.2
ASAK	Asacha	1.64 249	eS	Sn	05 28 46.1 +1.2
ASAK	Asacha	1.64 249	eS	Sn	05 29 06.0 +1.2
MKZ	Mys Kozlova	1.75 26	PN	Sn	05 29 05.6 -1.7
MKZ	Mys Kozlova	1.75 26	eP	Sn	05 28 45.8 -0.5
MKZ	Mys Kozlova	1.75 26	eS	Sn	05 29 05.6 -1.7
KDTR	Khodutka, Kamc	1.85 231	PN	Pn	05 28 48.7 +0.9
KDTR	Khodutka, Kamc	1.85 231	eP	Sn	05 29 11.2 +1.3
KDTR	Khodutka, Kamc	1.85 231	eS	Pn	05 28 48.7 +0.9
KDTR	Khodutka, Kamc	1.85 231	eS	Pn	05 29 11.2 +1.3
APC	Apacha	1.96 269	PN	Sn	05 28 50.7 +1.5
APC	Apacha	1.96 269	eP	Sn	05 29 15.1 +2.6
APC	Apacha	1.96 269	eS	Pn	05 28 50.7 +1.5
APC	Apacha	1.96 269	eS	Pn	05 29 15.1 +2.6
KZV	Kizimen	2.12 358	PN	Sn	05 28 52.4 +0.8
KZV	Kizimen	2.12 358	eP	Sn	05 29 16.8 +0.1
KZV	Kizimen	2.12 358	eS	Pn	05 28 52.4 +0.8
KZV	Kizimen	2.12 358	eS	Pn	05 29 16.8 +0.1
TUMD	Tumrok D	2.21 0	eP	Sn	05 28 53.0 +0.3
TUMD	Tumrok D	2.21 0	eS	Sd	05 29 18.5 -0.4
TUMR	Tumrok	2.29 356	PN	Sn	05 28 53.0 -0.9
TUMR	Tumrok	2.29 356	eP	Sn	05 29 18.3 -2.6
TUMR	Tumrok	2.29 356	eS	Sn	05 28 53.0 -0.9
TUMR	Tumrok	2.29 356	eS	Sn	05 29 18.3 -2.6
MIPR	Malaya Ipel'ka	2.33 253	PN	Sn	05 29 23.0 +1.3
MIPR	Malaya Ipel'ka	2.33 253	eP	Sn	05 29 23.0 +1.3
MIPR	Malaya Ipel'ka	2.33 253	eS	Pn	05 28 56.1 +1.8
MIPR	Malaya Ipel'ka	2.33 253	eS	Pn	05 29 23.0 +1.3
PAU	Pauzhetka	2.69 237	PN	Pn	05 29 01.8 +2.6
PAU	Pauzhetka	2.69 237	eP	Pn	05 29 01.8 +2.6
PAU	Pauzhetka	2.69 237	eS	Pn	05 29 01.8 +2.6
PAU	Pauzhetka	2.69 237	eS	Pn	05 29 01.8 +2.6
KMINR	Kamenistaya	2.76 358	PN	Pn	05 29 02.2 +1.8
KMINR	Kamenistaya	2.76 358	eP	Pn	05 29 02.2 +1.8
KMINR	Kamenistaya	2.76 358	eS	Pn	05 29 02.2 +1.8
BZGR	Bezmyanniy-Gr	2.95 3	PN	Pn	05 29 04.7 +1.7
BZGR	Bezmyanniy-Gr	2.95 3	eP	Pn	05 29 04.7 +1.7
BZGR	Bezmyanniy-Gr	2.95 3	eS	Pn	05 29 04.7 +1.7
KIRR	Kirishev	2.96 359	PN	Sn	05 29 05.6 +2.5
KIRR	Kirishev	2.96 359	eP	Sn	05 29 40.3 +2.9
KIRR	Kirishev	2.96 359	eS	Sn	05 29 05.6 +2.5
KIRR	Kirishev	2.96 359	eS	Sn	05 29 40.3 +2.9
BZWR	Bezmyanniy-We	2.97 1	PN	Pn	05 29 05.4 +2.1
BZWR	Bezmyanniy-We	2.97 1	eP	Pn	05 29 05.4 +2.1
BZWR	Bezmyanniy-We	2.97 1	eS	Pn	05 29 05.4 +2.1
BZWR	Bezmyanniy-We	2.97 1	eS	Pn	05 29 05.4 +2.1
KPT	Kopyto	2.97 358	PN	Pn	05 29 05.1 +1.8
KPT	Kopyto	2.97 358	eP	Pn	05 29 05.1 +1.8
KPT	Kopyto	2.97 358	eS	Pn	05 29 05.1 +1.8
KPT	Kopyto	2.97 358	eS	Pn	05 29 05.1 +1.8
ESO	Esso	3.09 342	PN	Pn	05 29 07.5 +2.7
ESO	Esso	3.09 342	eP	Pn	05 29 07.5 +2.7
ESO	Esso	3.09 342	eS	Pn	05 29 07.5 +2.7
ESO	Esso	3.09 342	eS	Pn	05 29 07.5 +2.7
LGNR	Loginova	3.09 3	PN	Pn	05 29 07.8 +2.7
LGNR	Loginova	3.09 3	eP	Pn	05 29 07.8 +2.7
LGNR	Loginova	3.09 3	eS	Pn	05 29 07.8 +2.7
LGNR	Loginova	3.09 3	eS	Pn	05 29 07.8 +2.7
CIRR	Tsirik	3.13 4	PN	Pn	05 29 08.5 +3.1
CIRR	Tsirik	3.13 4	eP	Pn	05 29 44.8 +3.2
CIRR	Tsirik	3.13 4	eS	Sn	05 29 08.5 +3.1
CIRR	Tsirik	3.13 4	eS	Sn	05 29 44.8 +3.2
KRSR	Krestovskiy	3.23 2	PN	Pn	05 29 08.7 +2.0
KRSR	Krestovskiy	3.23 2	eP	Pn	05 29 08.7 +2.0
KRSR	Krestovskiy	3.23 2	eS	Pn	05 29 08.7 +2.0
KRSR	Krestovskiy	3.23 2	eS	Pn	05 29 08.7 +2.0
KLY	Klyuchi	3.32 3	PN	Pn	05 29 10.8 +2.9
KLY	Klyuchi	3.32 3	eP	Sn	05 29 42.9 +2.7
KLY	Klyuchi	3.32 3	eS	Pn	05 29 10.8 +2.9
KLY	Klyuchi	3.32 3	eS	Pn	05 29 42.9 +2.7
KBTR	Krutoberegovo	3.51 23	PN	Pn	05 29 12.2 +1.7
KBTR	Krutoberegovo	3.51 23	eP	Pn	05 29 12.2 +1.7
KBTR	Krutoberegovo	3.51 23	eS	Pn	05 29 12.2 +1.7
KBTR	Krutoberegovo	3.51 23	eS	Pn	05 29 12.2 +1.7
SKR	Severo-Kuril's	3.52 230	PN	Pn	05 29 14.6 +3.9
SKR	Severo-Kuril's	3.52 230	eP	Pn	05 29 54.2 +3.1
SKR	Severo-Kuril's	3.52 230	eS	Pn	05 29 14.6 +3.9
SKR	Severo-Kuril's	3.52 230	eS	Pn	05 29 54.2 +3.1
SKR	comp=Z,50nm,0.8s		pmax	pmax	
SKR	comp=E,376nm,0.7s		smax	smax	
SKR	comp=N,463nm,0.6s		smax	smax	
KBG	Krutoberegovo	3.53 21	PN	Pn	05 29 14.7 +4.0
KBG	Krutoberegovo	3.53 21	eP	Pn	05 29 14.7 +4.0
KBG	Krutoberegovo	3.53 21	eS	Pn	05 29 14.7 +4.0
KBG	Krutoberegovo	3.53 21	eS	Pn	05 29 14.7 +4.0
BDR	Baidarnaya	3.61 7	PN	Pn	05 29 14.1 +2.2
BDR	Baidarnaya	3.61 7	eP	Pn	05 29 14.1 +2.2
BDR	Baidarnaya	3.61 7	eS	Pn	05 29 14.1 +2.2
BDR	Baidarnaya	3.61 7	eS	Pn	05 29 14.1 +2.2
SMKR	Semkarok	3.64 9	PN	Pn	05 29 14.1 +1.7
SMKR	Semkarok	3.64 9	eP	Sn	05 29 55.6 +1.4
SMKR	Semkarok	3.64 9	eS	Sn	05 29 14.1 +1.7
SMKR	Semkarok	3.64 9	eS	Sn	05 29 55.6 +1.4
SRKR	Sorokina	3.69 7	PN	Pn	05 29 16.4 +3.3
SRKR	Sorokina	3.69 7	eP	Sn	05 29 52.4 +3.9
SRKR	Sorokina	3.69 7	eS	Sn	05 29 16.4 +3.3
SRKR	Sorokina	3.69 7	eS	Sn	05 29 52.4 +3.9
BKI	Bering	3.96 54	PN	Pn	05 29 17.9 +1.3
BKI	Bering	3.96 54	eP	Pn	05 29 17.9 +1.3
BKI	Bering	3.96 54	eS	Pn	05 29 17.9 +1.3
BKI	Bering	3.96 54	eS	Pn	05 29 17.9 +1.3
BLL	Bilibino	15.35 8	eP	Pn	05 29 51.7 -1.7
BLL	Bilibino	15.35 8	eS	Pn	05 29 51.7 -1.7
BLL	Bilibino	15.35 8	eS	Pn	05 29 51.7 -1.7
BLL	Bilibino	15.35 8	eS	Pn	05 29 51.7 -1.7
ILAR	Eielson Array	26.75 45	P	P	05 34 11.6 -0.8
ILAR	Eielson Array	26.75 45	eP	P	05 34 12.1 -0.2
ILAR	Eielson Array	26.75 45	eS	P	05 34 12.1 -0.2
H11N2	WAKE ISLAND Hy 33.59 169	T	T	06 10 43.6	
H11N3	WAKE ISLAND Hy 33.60 169	T	T	06 10 40.5	
H11N1	WAKE ISLAND Hy 33.60 169	T	T	06 10 40.9	
H11S1	WAKE ISLAND Hy 34.77 169	T	T	06 12 10.9	
H11S3	WAKE ISLAND Hy 34.78 169	T	T	06 12 11.8	
H11S2	WAKE ISLAND Hy 34.79 169	T	T	06 12 12.3	
KURB	Kurchatov	47.94 302	P	P	05 36 50.3 -2.8
KURB	Kurchatov Arra	48.04 302	P	P	05 36 50.2 -3.6
MKAR	Makanchi Array	48.36 296	P	P	05 36 53.0 -3.5
MKAR	Makanchi Array	48.36 296	eP	P	05 36 53.0 -3.5
MKAR	Makanchi Array	48.36 296	eS	P	05 37 30.8 -3.5
ARCES	ARCCESS Array B	53.43 342	P	P	05 37 30.8 -3.5
NVAR	Mina Array Bea	55.60 70	P	P	05 37 52.3 +1.6
PDAR	Pinedale Array	57.41 61	P	P	05 38 05.1 +1.6
FINES	FINESS Array B	60.28 337	P	P	05 38 20.5 -2.3
FINES	FINESS Array B	60.28 337	eP	P	05 38 21.5 -1.3
FINES	FINESS Array B	60.28 337	eS	P	05 38 21.5 -1.3
FINES	FINESS Array B	60.28 337	eS	P	05 38 21.5 -1.3
AKASG	Malin Array Be	68.78 329	P	P	05 39 16.3 -2.2
TXAR	Lajitas Array	70.51 67	P	P	05 39 30.9 +1.3
WRA	Warramunga Arr	76.07 205	P	P	05 40 02.3 +0.1
ASAR	Alice Springs	79.73 205	P	P	05 40 22.1 -0.4
ASAR	Alice Springs	79.73 205	eP	P	05 40 22.1 -0.4
ASAR	Alice Springs	79.73 205	eS	P	05 40 22.1 -0.4
ASAR	Alice Springs	79.73 205	eS	P	05 40 22.1 -0.4

JMA 02 05:55:47.9-0.1, 24.20N; 121.80E, h27km, 2km, M2.9
 TAP 02 05:55:48.2, 24.28N; 121.81E, h21km, ML3.7, B
 ISC 02 05:55:48.3-0.9, 24.25N; 121.84E; 0.02, h19km, 2km,
 n93, c0.55/147, 10C-5D, Taiwan

NACB	Ninganchiao	0.23 252	i/P	Pg	05 55 53.8 -0.1
NACB	Ninganchiao	0.23 252	i/S	Pg	05 55 53.8 -0.1
TWD	Chiawan	0.28 233	i/P	Sg	05 55 54.6 +0.1
TWD	Chiawan	0.28 233	i/S	Sg	05 55 59.9 +1.2
ETLH	Xiulin Townshi	0.33 263	i/P	Pg	05 55 55.3 -0.1
ETLH	Xiulin Townshi	0.33 263	i/S	Pb	05 56 00.5 -0.1
HWA	Hwaiien	0.34 219	P	Sb	05 55 56.6 +0.7
HWA	Hwaiien	0.34 219	eS	Sn	05 56 03.3 -1.4
ETM	Tongmen	0.42 229	eP	Pb	05 55 57.1 -0.2
ETM	Tongmen	0.42 229	eS	Sb	05 56 03.9 +0.6
TEYL	Yanliao Villag	0.44 210	eP	Pb	05 55 57.7 +0.2
TEYL	Yanliao Villag	0.44 210	eS	Sn	05 56 06.1 -1.0
ENTT	Nioudou	0.47 328	i/P	Pg	05 55 57.4 -0.4
ENTT	Nioudou	0.47 328	i/S	Pb	05 56 04.3 -0.2
TWE	Neicheng	0.50 342	i/P	Pg	05 55 58.1 -0.3
TWE	Neicheng	0.50 342	i/S	Sb	05 56 05.4 0.0
ILA	ilan	0.52 351	eP	Pb	05 55 58.9 0.0
ILA	ilan	0.52 351	eS	Sg	05 56 06.5 +0.5
WHF	Hehuan Shan	0.53 259	i/P	Pb	05 55 59.0 -0.3
WHF	Hehuan Shan	0.53 259	i/S	Sb	05 56 06.6 -0.1
FUSS	Fushou	0.54 270	i/P	Pg	05 55 59.2 -0.1
FUSS	Fushou	0.54 270	i/S	Sg	05 56 07.0 +0.3
ESL	Shilin	0.57 221	P	Pb	05 55 59.6 -0.1
ESL	Shilin	0.57 221	eS		

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A Winter Ranch, OK03A Luther, OKCFA Oklahoma City, etc.

Table with columns: T25A, S, S, Time, Res. Includes stations like OGNE Ogallala, Z41A Richland Creek, P40A Paris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULM comp=Z,0.4nm,0.3s, SFS 02 06:04:14.0, etc.

2d 7h

Table with columns: SATY, Station Name, Az, El, P, S, Sn, Time, Res. Includes stations like 21nm,0.1s, 2.4nm,0.1s, 2.1nm,0.1s, etc.

SJA 02 07:43:16.7,0.7,30.88S:72.05W,h20km,5m,ML4.3, MV4.4

VAO 02 07:43:21.7,0.8,30.95S:71.50W,h29km,mb4.4

GUC 02 07:43:21.1,0.7,30.91S:71.61W,h42km,2km,ML4.5

NEIC 02 07:43:21.6,1.6,30.94S:0.04:71.60W,0.06,h31km,5km, mb4.5/8,ML4.5(GUC), Error ellipse: s-maj=8.0km s-min=5.9km az=86.0

IDC 02 07:43:22.1,0.9,30.88S:71.50W,h31km,5km,mb3.9/8, mb1.3/9.13,mb1mx3.8/26,mbtmp4.0/13,ML3.9,5,MS3.5/7, Ms1.3/4.7,ms1mx3.2/25,Error ellipse: s-maj=27.3km s-min=18.3km az=102.0

ISC 02 07:43:21.1,0.7,30.92S:0.02:71.69W,0.04,h31km,5km, n142,az06/177,mb4.3/9,MS3.5/3,2C-9D,Near coast of central Chile

Table with columns: Code, Station Name, Az, El, P, S, Sn, Time, Res. Includes stations like Fray Jorge, Combarbal, El Pedregal, etc.

2015 OCT

Main table with columns: Station Name, Az, El, P, S, Sn, Time, Res. Includes stations like ROCH EI Roble, ACDD Cuesta del Vie, PEL Peidehue, etc.

50

Table with columns: Station Name, Az, El, P, S, Sn, Time, Res. Includes stations like PLTB Pedras Altas, PLTB Pedras Altas, CPSB Cacapava Do Su, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MT09 Talagante, LCO Las Campanas, BO03 Pichilemu, BO01 Tunca, BO01 AC04 Huala, BO02 Sierra Bellavi, BO03 Copiap, ML02 Panimavida, AC02 Maricunga, LC01 Cunco, PLCA Paso Flores, PLCA comp=E,1.1nm,0.3s,baz=335,slow=11,SNR=14, LVC Pas Flores, LVC Limon Verde, LVC comp=E,0.5nm,0.3s,baz=163,slow=7.1,SNR=1.9, LVC comp=E,40nm,18.9s,baz=202,slow=36, LVC Limon Verde, LVC Limon Verde, PB07 IPOC Station P, TRQA Torquai, ITQB Itaqui, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, SIV comp=E,0.4nm,0.3s,baz=232,slow=12,SNR=36, TRCB Terra Rica, PTLB Pontes e Lacer, PCMB Pascembu, VILB Vilhena, TIJ01 Guaruru-PR, SALV Santo Antonio, ETMB Extrema, ITRB Iturama, CZSB Cruzeiro do Su, SPB Sao Paulo, SAML Samuel, SAML Samuel, CLDB Colider, PAM8 pameri GO, BDFB Brasilia, VAS01 Vassouras-RJ, SNDB Serra Nova Du, NFBGS Novo Progresso, CAM01 Campos-RJ, PTGA Pitinga, PTGA Pitinga, PRPB Parauapebas, BOAV Boa Vista, RUSC La Rusia, RUSC comp=Z,1.5nm,1.4s, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, SLBS Sierra La Laguna, TX31 Lajitas Ar. Si, TXAR Lajitas Array, MAW Mawson, MAW Pinedale Array, NVAR Mina Array Bea, ELK Elko, ELK Elko, BOSA Boshof, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, LBTB Lobatse, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, ASAR Alice Springs, WRA Warrungunga Arr, KURBB Kurchatov Arra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, SONMI Songoing Array

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CO03 El Pedregal, VA03 San Esteban, VA05 Santo Domingo, VA05 Santo Domingo, CO05 La Serena, CO05 La Serena, MT05 Renca, MT05 Renca, CO04 Tololo Observa, CO04 Tololo Observa, MT01 Popeta, MT01 Popeta, MT09 Talagante, MT09 Talagante, BO03 Pichilemu, BO03 Pichilemu, BO01 Huala, BO05 Huala, BO05 Huala, BO02 Sierra Bellavi, ML02 Panimavida, HO3N1 Juan Fernandez, HO3N3 Juan Fernandez, HO3N2 Juan Fernandez, AC02 Maricunga, LC01 Cunco, PLCA Paso Flores, PLCA Paso Flores, LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, SIV San Ignacio, SIV San Ignacio, SAML Samuel, SAML Samuel, BDFB Brasilia, PTGA Pitinga, PTGA Pitinga, RUSC La Rusia, RUSC La Rusia, VNA3 Neumayer Olymp, VNA1 Neumayer-Siat, VNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, TXAR Lajitas Array, DBIC Dimbokro, DBIC Dimbokro, MAW Mawson, RAR Rarotonga, PDAR Pinedale Array, BOSA Boshof, NVAR Mina Array Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, WRA Warrungunga Arr, ZALV Zalesovo Beam

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include NNC 02 08:19:37.5,1.0,41.46N:79.03E, Error ellipse: s-maj=6.6km s-min=3.9km az=163.0, SOME 02 08:19:38.9,41.52N:79.00E, KRNET 02 08:19:39.2,0.1,41.58N:78.90E, mb2.7, ISC 02 08:19:34.4,2.5,41.33N:0.09:78.95E,0.05,h2km,15km, n49,r167/3,12C-SD, Kyrgyzstan-Xinjiang border, TARG Taragay, KYRGY baz=81, KDJ Kajsay, KDJ baz=94, SATY Saty, SATY Saty, SATY Saty, SATY Saty, UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, PDGK Podgornoye, KPKS Kokpek, KPKS Kokpek, ULHL Ullah, ULHL Ullah, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, BOOM Boomskeye usch, BOOM Boomskeye usch, MTBS Maitube, MTBS Maitube, MTBS Maitube, BLB Baldybastay, BLB Baldybastay, KST KasteK, KST KasteK, KST KasteK, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, TKMK Tokmak, TKMK Tokmak, TKMK Tokmak, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, DGS Degeres, DGS Degeres, DGS Degeres, DJR Jarkent, DJR Jarkent, DJR Jarkent

IDC 02 08:13:00.3-0.8,31.77S:72.74W, h0km, mb4.1/7, mb1.4/11, mb1mx4.2/22, mbtmp4.3/11, ML4.5/4, MS3.5/6, Ms1.3/5.6, ms1mx3.2/20, Error ellipse: s-maj=2.7km s-min=21.4km az=87.0

NEIC 02 08:13:01.4-1.5,31.81S:0.03:72.8W:0.1, h5km,4km, mb4.4/11, Error ellipse: s-maj=16.8km s-min=4.7km az=94.0

GUC 02 08:13:01.3-0.9,31.79S:72.68W, h30km,4km, ML3.8, ISC 02 08:13:00.5-3.3,31.82S:0.04:72.70W:0.07, h2km,21km, m6.0,r1934/67,mb4.2/11,MS3.8/4,7C, Off coast of central Chile

GUC 02 08:14:25.0-0.6,20.80S:69.24W, h105km,3km, ML2.9, GC-3D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PB01 IPOC Station P, PB01 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, HMB3 Humberstone, HMB3 Humberstone, PB02 IPOC Station P, PB02 IPOC Station P, TA01 Diego Aracena, TA01 Diego Aracena, TA02 Huaquiique, TA02 Huaquiique, PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, PB04 IPOC Station P, PB04 IPOC Station P, LVC Limon Verde, LVC Limon Verde

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, TKMK Tokmak, TKMK Tokmak, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, DGS Degeres, DGS Degeres, DGS Degeres, DJR Jarkent, DJR Jarkent, DJR Jarkent

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DJR, KUU, KUU, UCH, UCH, SGDS, KAPS, KAPS, KAPS, MK31, MK31, MK31, KURBB.

RSNC 02 08:19:45.9-0.9, 6.81N-73.15W, h144km, 5km, ML1.9, 1C, Northern Colombia

Main table for RSNC station data, listing various stations like BARC, BRRC, PAMC, RUSC, PUERTO BERRIO, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, HELC, UREC, GUY2C, NEIC, GUC, VAO, etc.

NEIC 02 08:28:07.1-9, 36.62S-0.05-71.5W: 0.1, h93km, 7km, mb4.6/19, ML4.9(GUC), Error ellipse: s-maj=12.8km s-min=6.1km az=76.0

GUC 02 08:28:08.0-7, 36.49S-71.73W, h110km, 5km, ML4.9 ISC 02 08:28:07.2-0.6, 36.65S-0.04-71.55W: 0.06, h105km, 5km, n124, r1909/137, mb4.6/14, 11C-3D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ML02, CCSP, BI05, GO05, BO02, BO02, BO03, BO03, BO01, BO01, LC01, LC01, MT01, MT01, MT09, MT09, VA05, VA05, LMEL, LMEL, LR03.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT05, MT05, MT05, VA01, VA01, VA01, VA03, VA03, PLCA, PLCA, LL04, LL04, LL03, LL03, LL05, LL05, CO02, CO02, CO03, CO03, CO04, CO04, CO05, CO05, CO07, CO07, CO0, CO0, AF01, AF01, LVC, LVC, LVC, LVC, PB09, PB09, CPUP, CPUP, PB11, PB11, CNLB, CNLB, LPAZ, LPAZ, LPAZ, LPAZ, PTGB, PTGB, TRC, TRC, TRC, TRC, FRBT, FRBT, P3MB, P3MB, PTLB, PTLB, PPIB, PPIB, PETO, PETO, SPB, SPB, SALV, SALV, ITRB, ITRB, RCLB, RCLB, VAO, VAO, BB19B, BB19B, ETMB, ETMB, BSCB, BSCB, VAO1, VAO1, CZSB, CZSB, DUB01, DUB01, CLDB, CLDB, BDFB, BDFB, BDFB, BDFB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRGR, GRGR, GRGR, GRHS, GRHS, GRSS, GRSS, CRUV, CRUV, GCMF, GCMF, TOSP, TOSP, TOSP, TOSP, SVB, SVB, SVV, SVV, SVV, SVV, PCRV, PCRV, MCLT, MCLT, SLBI, SLBI, RIOV, RIOV, MIFOM, MIFOM, PRGV, PRGV, BIRV, BIRV, BAUV, BAUV.

Main table for station data, listing various stations like GRGR, GRGR, GRGR, GRHS, GRHS, GRSS, GRSS, CRUV, CRUV, GCMF, GCMF, TOSP, TOSP, TOSP, TOSP, SVB, SVB, SVV, SVV, SVV, SVV, PCRV, PCRV, MCLT, MCLT, SLBI, SLBI, RIOV, RIOV, MIFOM, MIFOM, PRGV, PRGV, BIRV, BIRV, BAUV, BAUV, CO06, CO06, CO06, CO06, CO02, CO02, CO05, CO05, CO05, CO05, CO03, CO03, CO04, CO04, CO04, CO04, LCO, LCO, LCO, LCO, VAO6, VAO6, VAO6, VAO6, VAO3, VAO3, VAO3, VAO3, ROCH, ROCH, ROCH, ROCH, AC04, AC04, PEL, PEL, PEL, PEL, MT05, MT05, MT05, VA05, VA05, MT09, MT09, MT09, MT09, MT01, MT01, MT01, GO03, GO03, BO01, BO01, BO02, BO02, GO05, GO05, H03N1, H03N1, H03N2, H03N2, H03N3, H03N3, H03S1, H03S1, H03S2, H03S2, LC01, LC01, LVC, LVC, PLCA, PLCA, TRQA, TRQA, CPUZ, CPUZ, LPAZ, LPAZ, LAZ, LAZ, SIV, SIV, BDFB, BDFB, SNA, SNA, SNA, SNA, GSPA, GSPA, GSPA, GSPA, TXAR, TXAR, TXAR, TXAR, LIC, LIC, TIC, TIC, KIC, KIC, DBIC, DBIC, DBIC, DBIC, KOWA, KOWA, KOWA, KOWA, TOR, TOR, TOR, TOR, TOR, TOR, NVAR, NVAR, WRA, WRA, KSH, KSH, MKAR, MKAR, LZH, LZH.

TRN 02 08:36:50.5, 11.28N-62.06W, h77km, MD3.4 FUNV 02 08:36:50.6, 11.26N-62.11W, h25km, MW3.1 ISC 02 08:36:49.0-1.3, 11.25N-0.03-62.12W: 0.04, h88km, 13km, n21, r1514/39, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, WRA, KSH, KSH, MKAR, MKAR, LZH, LZH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, WRA, KSH, KSH, MKAR, MKAR, LZH, LZH, TRN, TRN, TRN, TRN, GRGR, GRGR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRGR, GRGR, GRGR, GRGR, GRHS, GRHS, GRSS, GRSS, CRUV, CRUV, GCMF, GCMF, TOSP, TOSP, TOSP, TOSP, SVB, SVB, SVV, SVV, SVV, SVV, PCRV, PCRV, MCLT, MCLT, SLBI, SLBI, RIOV, RIOV, MIFOM, MIFOM, PRGV, PRGV, BIRV, BIRV, BAUV, BAUV.

IDC 02 08:40:02.3-2.4, 30.74S-71.32W, h0km, mb3.9/2, mb1.3/9.6, mb1mx3.7/26, mbtrmp3.7/6, ML3.4/4, MS3.1/3, Ms1.3/1.3, ms1mx2.8/22, Error ellipse: s-maj=73.7km s-min=30.4km az=102.0

GUC 02 08:40:05.3-0.7, 30.67S-71.71W, h40km, 2km, ML4.1 NEIC 02 08:40:05.9-1.3, 30.68S-0.04-71.6W: 0.1, h21km, 6km, mb4.4/3, ML4.2(GUC), Error ellipse: s-maj=15.8km s-min=6.0km az=93.0

ISC 02 08:40:05.9-0.9, 30.65S-0.03-71.71W: 0.07, h29km, 5km, n185, r486/54, mb4.1/4, 1C-5D, Near coast of central Chile

Main table for station data, listing various stations like CO06, CO06, CO06, CO06, CO02, CO02, CO05, CO05, CO05, CO05, CO03, CO03, CO04, CO04, LCO, LCO, LCO, LCO, VAO6, VAO6, VAO6, VAO6, VAO3, VAO3, VAO3, VAO3, ROCH, ROCH, ROCH, ROCH, AC04, AC04, PEL, PEL, PEL, PEL, MT05, MT05, MT05, VA05, VA05, MT09, MT09, MT09, MT09, MT01, MT01, MT01, GO03, GO03, BO01, BO01, BO02, BO02, GO05, GO05, H03N1, H03N1, H03N2, H03N2, H03N3, H03N3, H03S1, H03S1, H03S2, H03S2, LC01, LC01, LVC, LVC, PLCA, PLCA, TRQA, TRQA, CPUZ, CPUZ, LPAZ, LPAZ, LAZ, LAZ, SIV, SIV, BDFB, BDFB, SNA, SNA, SNA, SNA, GSPA, GSPA, GSPA, GSPA, TXAR, TXAR, TXAR, TXAR, LIC, LIC, TIC, TIC, KIC, KIC, DBIC, DBIC, DBIC, DBIC, KOWA, KOWA, KOWA, KOWA, TOR, TOR, TOR, TOR, TOR, TOR, NVAR, NVAR, WRA, WRA, KSH, KSH, MKAR, MKAR, LZH, LZH, H11S2, H11S2, H11S1, H11S1, H11S3, H11S3, H11N3, H11N3.

H11N1 WAKE ISLAND Hy26.37 273 T T 11 18 16.2
H11N2 WAKE ISLAND Hy26.38 273 T T 11 18 15.6
ZALV Zalesovo Beam 151 229 29 PKPbc PKPbc 08 59 56.2 +0.3

MAN 02 08:44:11.1, 8.63N:118.07E, h3km, mb4.7, ML3.6, MS3.5, ID, Sulu Sea
Code Station Name Az AZZ Phase ID Time Res
PPR Puerto Princes 1.31 30.0 I/P Sg 08 44 35.9 -0.4

IDC 02 09:19:36.7 1.1, 37.53N:138.18E, h0km, mb3.5/6, mb1 3.9/6, mb1mx3.6/4.9, mbtmp3.0/6, ML3.7/2, Error ellipse: s-maj=38.0km s-min=14.7km az=99.0
NIED 02 09:19:38.7 37.44N:138.03E, h27km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:2.74; Mw:2.46; Mw:0.28; Mn:2.47; Mw:1.25; Mw:0.18; Fault plane solution: M:3.81000x10^14 NP1:7.79.000000, 366.00000, 1.102.00000. NP2:231.00000, 327.00000, 1.65.00000.

JMA 02 09:19:38.6, 37.44N:138.03E, h27km, 1km, M3.8 JMA Felt II J1
ISC 02 09:19:37.8 1.9, 37.44N:0.03:138.03E:0.04, h8km, 14km, n18, a124/26, mb3.6/6, 2D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res. Includes stations like Nakama, Suzu, Iizumi, Sado, Matsushiro, etc.

IDC 02 09:28:40.1 2.6, 53.65N:87.02E, h0km, mb1 2.7/2, mb1mx2.7/5.2, mbtmp2.7/5.2, ML2.5/2, Error ellipse: s-maj=23.4km s-min=13.4km az=77.0, Southwestern Siberia

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

NNC 02 09:40:37.9 6.4, 52.20N:75.36E, h0km, mb3.8, mpv3.4, 2C-3D, Error ellipse: s-maj=47.8km s-min=24.0km az=164.0, Suspected Mining explosion, Eastern Kazakhstan

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

IDC 02 09:47:20.2 3.1, 32.93S:177.86W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.8/18, mbtmp3.9/3, ML3.1/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/20, Error ellipse: s-maj=74.1km s-min=37.0km az=121.0
NEIC 02 09:47:22.3 0.6, 32.93S:0.1:177.86W:0.2, h10km, 1km, mb4.1/5, Error ellipse: s-maj=37.2km s-min=14.8km az=109.0

ISC 02 09:47:21.6 3.3, 33.03S:0.2:177.4W:0.5, h35km, n13, a678/12, mb4.1/5, South of Kermadec Islands

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

HEL 02 10:00:23.8 0.0, 67.65N:21.01E, h0km, ML1.5,

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

KOLA 02 10:01:49.0 64.68N:30.79E, h0km, ML2.2, Kostomuksha, Karelia
HEL 02 10:01:49.0 0.1, 64.76N:30.74E, h0km, ML2.1, Explosion
IDC 02 10:01:50.6 2.3, 64.78N:30.72E, h0km, mb1 3.2/4, mb1mx3.0/4.1, mbtmp3.2/4, ML2.2/4, Error ellipse: s-maj=32.6km s-min=8.2km az=100.0

ISC 02 10:01:50.5 3.7, 64.82N:0.03:30.58E:0.05, h0km, 26km, n29, a180/45, Finland-Karelia border region

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

INET 02 11:01:15.6, 12.77N:89.53W, h34km, MW4.3
IDC 02 11:01:24.8 1.0, 13.34N:88.76W, h68km, 8km, mb3.7/10, mb1 4.0/12, mb1mx3.7/42, mbtmp4.1/12, MS3.1/12, Ms1 3.2/12, ms1mx3.0/33, Error ellipse: s-maj=38.5km s-min=17.5km az=52.0

SNET 02 11:01:25.0 0.9, 13.12N:89.26W, h50km, 7km, ML4.5
UCR 02 11:01:26.0 1.4, 13.19N:89.24W, h51km, 8km, ML4.5, MW4.4, mb4.3(NEIC)
NEIC 02 11:01:27.4 2.0, 13.26N:0.06:89.12W:0.07, h68km, 8km, mb4.3/61, M4.5(SNET), Error ellipse: s-maj=12.5km s-min=6.3km az=50.0

ISC 02 11:01:25.6 0.6, 13.22N:0.05:89.21W:0.04, h64km, 5km, n176, a1942/203, mb4.3/32, 2C-9D, El Salvador

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

UCR 02 10:41:21.8 1.4, 9.83N:84.36W, h6km, 4km, MW3.9
UPA 02 10:41:22.0 0.9, 10.01N:84.39W, h0km, 5km, MW4.1
ISC 02 10:41:22.1 1.0, 9.89N:0.03:84.38W:0.02, h7km, 9km, n45, a696/63, Costa Rica

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res. Includes stations like San Ramon, Heredia, etc.

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

KRNET 02 10:56:10.8 0.1, 41.20N:70.47E, h35km, mb3.5/2, ISC 02 10:56:11.6 2.3, 41.19N:0.07:70.49E:0.06, h88km, 20km, n6, a30/10, 10C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res. Includes stations like Terek-Say, Tas, etc.

IDC 02 11:00:37.9 7.5, 18.60S:178.40W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.6/27, mbtmp3.8/2, Error ellipse: s-maj=310.3km s-min=118.3km az=152.0, Fiji Islands

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

INET 02 11:01:15.6, 12.77N:89.53W, h34km, MW4.3
IDC 02 11:01:24.8 1.0, 13.34N:88.76W, h68km, 8km, mb3.7/10, mb1 4.0/12, mb1mx3.7/42, mbtmp4.1/12, MS3.1/12, Ms1 3.2/12, ms1mx3.0/33, Error ellipse: s-maj=38.5km s-min=17.5km az=52.0

SNET 02 11:01:25.0 0.9, 13.12N:89.26W, h50km, 7km, ML4.5
UCR 02 11:01:26.0 1.4, 13.19N:89.24W, h51km, 8km, ML4.5, MW4.4, mb4.3(NEIC)
NEIC 02 11:01:27.4 2.0, 13.26N:0.06:89.12W:0.07, h68km, 8km, mb4.3/61, M4.5(SNET), Error ellipse: s-maj=12.5km s-min=6.3km az=50.0

ISC 02 11:01:25.6 0.6, 13.22N:0.05:89.21W:0.04, h64km, 5km, n176, a1942/203, mb4.3/32, 2C-9D, El Salvador

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res. Includes stations like Alcalda de L, etc.

UCR 02 10:41:21.8 1.4, 9.83N:84.36W, h6km, 4km, MW3.9
UPA 02 10:41:22.0 0.9, 10.01N:84.39W, h0km, 5km, MW4.1
ISC 02 10:41:22.1 1.0, 9.89N:0.03:84.38W:0.02, h7km, 9km, n45, a696/63, Costa Rica

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res. Includes stations like Boqueron, La Fuente, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like La Caada, Esquipulas, Conchagua, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like T25A, L42A, ISCO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like TNSS, TNS, MTBS, etc.

SOME 02 11:11:35.7,43:97N-77:05E
N1C 02 11:11:35.9,0.3,43:95N:77:06E, h0km, mb3.6, mpv3.5,
Error ellipse: s-major=2.5km s-minor=1.7km az=157.0,
Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CHKK, CHMS, SHLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like AML Almayashu, MAKZ Makanchi, MK31 Makanchi Array, etc.

NDI 02 11:29:20.9, 2.2, 22.27N; 93.36E, h40km, ML4.6, mb4.6(NEIC)
BUJ 02 11:29:22.5, 0.0, 22.47N; 93.46E, h43km, mB4.9/18, mb4.5/35, ML4.4/2, Ms3.8/4, Mst7.3/5/3
IDC 02 11:29:24.4, 0.4, 22.52N; 93.62E, h53km, 6km, mb3.9/15, mb1.4/1.7, mb1mx3.9/36, mbtmp4.2/17, MS3.3/8, Ms1.3/3.8, ms1mx3.0/52, Error ellipse: s-maj=12.7km s-min=7.2km az=175.0
NEIC 02 11:29:24.0, 1.7, 22.53N; 0.07; 93.44E; 0.09, h43km, 3km, mb4.6/41, Error ellipse: s-maj=13.0km s-min=8.1km az=51.0
ISC 02 11:29:24.8, 0.4, 22.51N; 0.05; 93.35E; 0.05, h59km, n117, s1566/120, mb4.5/40, MS3.3/8, 2C, Myanmar-India border region

Main table for station 55, listing codes, station names, azimuths, phase IDs, time resolutions, and ISC values. Includes stations like BRDH Bariadhala, SHL Shillong, MOKO MOKOCHONG, etc.

Main table for station 2015 OCT, listing codes, station names, azimuths, phase IDs, time resolutions, and ISC values. Includes stations like KNMB Chin-men Tao, KDJ Kajisay, HHC comp=Z,20nm,0.8s, etc.

TAP 02 11:56:41.5, 24.85N; 122.36E, h108km, ML3.0, D
JMA 02 11:56:42.4, 0.2, 24.77N; 122.39E, h96km, 3km, M1.9
ISC 02 11:56:41.9, 1.8, 24.84N; 122.38E; 0.03, h104km, 12km, n51, 0.6; 83/92, Taiwan region

Main table for station 2d 11h, listing codes, station names, azimuths, phase IDs, time resolutions, and ISC values. Includes stations like TIPB baz=281, ILA ilan, NWF Wu-fen Shan, etc.

0.9nm,0.5s,baz=319,slow=5.5,SNR=4.0
MKAR Makanchi Array 154.49 4d PKPab PKPab 13 21 41.7 +0.3
0.4nm,0.6s,baz=316,slow=4.0,SNR=3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OUK Oukaimeden, ZHG ZHG, EAH EAH, etc.

EAF 02 13:28:06.2,3.6,26.01S:29.80E,h10km,MD4.2
BUL 02 13:28:05.3,1.1,26.09S:29.58E,h10km,MD4.7, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA Mopani, MSNA Messina, etc.

NEIC 02 13:28:40.0,0.8,59.50N:0.04:152.95W:0.10,
h110km,4km, Error ellipse: s-maj=7.5km s-min=6.1km
az=121.0

ANF 02 13:28:40.5,0.3,59.52N:152.87W,h98km,3km,ML3.6/43,
Error ellipse: s-maj=2.7km s-min=1.1km az=92.0

AEIC 02 13:28:41.6,1.1,59.53N:0.05:152.89W:0.07,
h101km,5km,ML3.3/180,ML3.5/108(NEIC), Error ellipse:
s-maj=7.3km s-min=4.9km az=180.0

ISC 02 13:28:39.7,1.2,59.50N:0.03:152.85W:0.03,
h112km,6km,n252.0,0983/265, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPT Oil Point, AUG Augustine Moun, etc.

Main table with columns: DFR, KAPH, O18K, O18K, O18K, O18K, etc. Includes stations like Drift River, Katmai Pasha, Katmai Hills, etc.

Table with columns: SCM, EYAK, EYAK, EYAK, EYAK, etc. Includes stations like Sheep Creek Mo, Cordova Ski Ar, etc.

2d 14h

Table with columns: IZBK, Minto, Yukon-K, 5.89 14 P, Pn, 13 30 04.6 +0.2, comp=Z,4.9nm,1.2s

JMA 02 13:32:23.9.0.1, 31.07N:140.61E, h132km,2km, M3.7
NEIC 02 13:32:24.2.1.7, 30.87N:0.08:140.2E:0.1, h116km,9km,
mb4.3/28, Error ellipse: s-maj=19.2km s-min=10.0km
az=73.0

IDC 02 13:32:24.2.1.6, 30.91N:140.09E, h110km,14km,
mb3.8/14, mb1 3.8/18, mb1mx3.7/46, mbtmpa,1/18, Error
ellipse: s-maj=21.7km s-min=12.5km az=75.0

ISC 02 13:32:22.7.0.5, 30.94N:0.15:140.40E:0.09, h100km, n75,
+154/76, mb4.2/27, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JAOM, Aogashimamukai, 1.61 341 eS, Sn, 13 33 15.2 +3.9

2015 OCT

Table with columns: MDM, Murphy Dome, 54.56 30 P, P, 13 41 42.2 +2.0, comp=Z,4.9nm,1.2s

IDC 02 13:52:18.8.8.1, 16.14S:173.32W, h0km, mb3.6/3,
mb1 3.9/4, mb1mx3.7/38, mbtmp3.6/4, ML3.3/1, MS2.6/1,
Ms1 2.6/1, ms1mx2.4/25, Error ellipse: s-maj=360.6km
s-min=25.4km az=139.0, Tonga Islands

IDC 02 13:57:19.2.12.0, 7.80N:172.79W, h0km, mb3.3/2,
mb1 3.9/3, mb1mx3.6/24, mbtmp3.6/3, ML3.4/1, Error
ellipse: s-maj=293.7km s-min=35.7km az=92.0

RSNC 02 13:57:32.6.0.9, 6.80N:73.13W, h153km, ML3.5,
Mw3.8, Fault plane solution: NP1:phi=138.00000°,
delta=0.00000°, lambda=158.00000°

ISC 02 13:57:31.8.1.0, 6.84N:0.03:73.12W:0.04, h156km, 6km,
n43, +126/77, 4C-9D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AFI, Afiamalu, 2.67 34 Op, ISC, h m s ISC, 13 53 01.2 -2.0

58

Table with columns: SDV, Santo Domingo, 3.19 50 eS, Pn, 13 58 22.4 +0.4, comp=Z,4.93nm,0.6s

NEIC 02 14:09:05.1.2.1, 56.2S:0.2:27.5W:0.2, h114km, 10km,
mb4.4/14, Error ellipse: s-maj=24.6km s-min=16.4km
az=211.0

IDC 02 14:09:09.6.10.0, 56.14S:27.48W, h155km, 9gkm, mb3.7/3,
mb1 3.9/3, mb1mx3.6/15, mbtmp4.2/3, Error ellipse:
s-maj=22.3km s-min=2.5km az=41.0

ISC 02 14:09:04.7.0.8, 56.2S:0.1:27.5W:0.1, h112km, n23,
+057/23, mb4.4/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HOPE, Hope Point, 5.46 286 Pn, Pn, 14 10 24.4 +0.8

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kuchinoerabu, Amaminishikomi, Tanegashima 3, Tokunoshima, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAL Salagasta, AARod Rodero, Zonda, Agrelo, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Serena, La Serena, Tololo Observa, Tololo Observa, etc.

SJA 02 14:48:07.3, 0.7, 31.93S; 72.52W, h7km, ML4.5, MW4.2

GUC 02 14:48:15.2, 0.7, 32.07S; 71.78W, h39km, km, ML4.3

IDC 02 14:48:16.0, 0.8, 32.04S; 71.77W, h23km, km, mb3.9/6, mb1.3/4.1, mb1mx3.8/3.5, mbtmp3.9/1.1, ML3.9/5, MS3.3/4, Ms1.3/3.4, ms1mx3.1/2.0, Error ellipse: s-maj=33.4km s-min=15.7km az=97.0

NEIC 02 14:48:16.4, 1.5, 32.02S; 0.04; 72.0W; 0.1, h35km, 2km, mb4.5/6, ML4.3(GUC), Error ellipse: s-maj=15.6km s-min=6.8km az=269.0

ISC 02 14:48:15.5, 0.7, 32.02S; 0.02; 71.93W; 0.04, h26km, 5km, n100, a226/137, mb4.3/7, 8C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Catapilco, Torpederas, Combarbal, El Pedregal, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H03N1, H03N2, H03N3, H03S1, H03S2, H03S3, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AUSA, ZON, AGUA, etc.

SJA 02 15:04:14.0, 3.0, 49S; 71.69W, h10km, ML4.4

IDC 02 15:04:17.1, 0.8, 30.54S; 71.35W, h45km, 6km, mb4.0/7, mb1.4/1.2, mb1mx3.9/3.2, mbtmp4.2/1.2, ML4.0/5, MS3.2/3, Ms1.3/2.3, ms1mx2.9/1.8, Error ellipse: s-maj=28.2km s-min=20.1km az=100.0

NEIC 02 15:04:17.4, 2.8, 30.53S; 0.03; 71.41W; 0.1, h35km, 2km, Error ellipse: s-maj=14.1km s-min=5.8km az=269.0

GUC 02 15:04:17.3, 0.6, 30.53S; 71.36W, h51km, 2km, ML4.4

ISC 02 15:04:16.9, 0.6, 30.55S; 0.03; 71.57W; 0.05, h50km, 5km, n93, a1960/104, mb4.2/7, 3C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KURBB, AAK, ZALV, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BOSA, TOR, LBTB, WRA, etc.

MKAR comp=Z,0.9nm,0.9s,baz=268,slow=3.6,SNR=4.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Karamyk, Garm, Batken, etc.

OMAN 02:15:10.4-1.3, 11.95N-46.02E, h10km, mb4.7/16, ms3.8/3, Error ellipse: s-maj=48.0km s-min=24.7km az=343.0

IDC 02:15:10.7-16.0, 12.02N-45.87E, h0km, mb4.1/16, mb1.4/2.18, mb1mx4.1/37, mbtmp4.1/18, ML3.8/2, MS3.7/15, Ms1.3/7.15, ms1mx3.6/34, Error ellipse: s-maj=18.9km s-min=17.4km az=77.0

ISC 02:15:10.9-17.0, 12.04N-0.008-46.01E-0.06, h13km, n43, c265/43, mb4.2/17, MS3.7/13, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Arta Tunnel, HARA, etc.

Table with columns: BRTR, PpP, P, LR, S, etc. Includes stations like Makanchi Array, KEST, etc.

NNC 02:15:12.17-4.6, 5.3777N-71.74E, h0km, mb3.9, mpv3.6, 3C-1D, Error ellipse: s-maj=59.2km s-min=32.5km az=151.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ala-Archa, Karatay Array, etc.

BUII 02:15:51.48-6.0, 0.71N-125.23E, h128km, mb5.2/47, mb4.9/61

NEIC 02:15:51.53-3.2, 5.132N-107.125, 0.01E-0.06, h110km, mb5.9/129, Mww5.2, Mwc5.1 (GCMT), Error ellipse: s-maj=9.7km s-min=8.8km az=192.0

DJA 02:15:51.54-2.0, 1.1N-2.12, 9E, h124km, 1km, M5.1/83, mb5.2/83, mb5.5/47, ML=5.5/16, Mw(mb)5.0/47, Mw(mb)4.8/5, Mwp5.1/5

IDC 02:15:51.54-1.1, 1.29N-124.96E, h121km, 9km, mb4.8/27, mb1.4/9.31, mb1mx4.7/42, mbtmp5.2/31, MS3.6/13, Ms1.3/6.13, ms1mx3.5/24, Error ellipse: s-maj=12.4km s-min=8.4km az=75.0

MOS 02:15:51.55-0.1, 1.024N-124.86E, h149km, mb5.2/36, Error ellipse: s-maj=8.8km s-min=4.7km az=109.2

KLM 02:15:51.55, 1.13N-125.21E, h132km, mb5.1

NEIC 02:15:51.56, 1.25N-125.04E, h130km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1.92; Mw=4.18; Mw=2.25; Mw=5.45; Mw=0.95; Mw=1.65; Fault plane solution: M=6610000, N=1110000, P=1110000

Principal axes: T 6.0716, Plg51.0000, Azm225.0000; N 1.2994, Plg23.0000, Azm104.0000; P -7.3710, Plg30.0000, Azm0.0000

GCMT 02:15:51.56, 3.0-2.1, 1.23N-0.01E-125.02E-0.01, h135km, 1km, MW5.2/132, Moment Tensor Solution. s73,c94; s132,c218; Duration: 0 Moment tensor: Scale 10^16Nm; Mr0.72; Mw=1.74; Mw=2.52; Mw=1.75; Mw=5.85; Mw=2.03; Mw=1.60; Mw=1.02; Best double couple: M=6.7630000*10^16, N=1.2500000*10^16, P=2.2500000*10^16

Principal axes: T 6.5126, Plg42.0000; N 0.4830, Plg25.0000; Azm104.0000; P -7.0000, Plg36.0000; Azm354.0000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=500s.

Triangular moment-rate function

NEIC 02:15:51.57, 1.24N-125.01E, h131km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr0.65; Mw=2.41; Mw=1.76; Mw=5.63; Mw=2.31; Mw=1.64; Fault plane solution: M=6660000*10^16, N=1.2300000*10^16, P=2.3000000*10^16

Principal axes: T 6.5126, Plg42.0000; N 0.4830, Plg25.0000; Azm104.0000; P -7.0000, Plg36.0000; Azm354.0000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=500s.

ISC 02:15:51.55-1.0, 3.18N-103.125, 0.03E-0.03, h134km, 2km, h134km-pp-P, n540.1, 1662/589, mb5.2/154, 95C-57D, Fault plane solution: NP1: 124.99088, 887.17965, 106.62528; NP2: 286.63333, 816.85616, -9.769791

Principal axes: T Plg39.9362, Azm230.2896; N Plg16.6046, Azm125.8326; P Plg45.3587

Azm18.2575; Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cibinong, Gorontalo, Ternate, etc.

Table with columns: DAV, DMPH, MSAI, etc. Includes stations like Masochi, Zambaonga City, Sorong, etc.

PSA00	Pilbara Seismi	23.18 192	P	P	15 56 48.8	-1.3
PSA00	comp=Z,261nm,1.9s		I	Amb	15 56 50.9	
QIZ	Qiongzhong	23.18 321	p	p	15 56 48.8	-1.4
QIZ			p	S	15 57 14.2	-0.5
QIZ			s	S	16 00 53.4	+1.5
QIZ			s	S	16 01 38.6	-0.4
QIZ	comp=Z,13nm,2.0s			pmax		
QIZ	comp=Z,310nm,6.5s			pmax		
QIZ	comp=Z,310nm,10.8s		LR	LR		
QIZ	comp=Z,390nm,12.7s		LR	LR		
QIZ	comp=Z,240nm,15.9s		LR	LR		
MASI	Maura Aman, Be	23.23 259	P	P	15 56 50.0	-0.7
COEN	Coen	23.41 131	P	P	15 56 52.8	+0.5
COEN	Coen	23.41 131	P	P	15 56 53.0	+0.7
YHNB	Yeheng	23.62 352	P	P	15 56 52.4	-1.9
YHNB	comp=Z,133nm,1.4s		I	Amb	15 56 53.6	
KNMB	Chin-men Tao	24.03 345	P	P	15 56 57.5	-0.3
KNMB	comp=Z,64nm,0.8s		I	Amb	15 56 59.8	
IPM	Ipoh	24.24 278	P	P	15 57 01.0	+1.1
PMG	Port Moresby	24.38 116	P	P	15 57 03.3	+2.2
PMG	Port Moresby	24.38 116	P	P	15 57 03.3	+2.2
OZH	Quanzhou	24.44 346	eP	eP	15 57 03.1	+1.6
OZH			p	S	15 57 47.7	+3.7
OZH			S	S	16 01 18.6	+6.7
PDSI	Padang	24.70 265	P	P	15 57 04.2	+0.1
PDSI	comp=Z,733nm,comp=Z,44nm,1.0s					
KULM	Kulim	24.72 280	P	P	15 57 06.0	+1.8
JMNS	Minamidaito 2	25.20 13	P	P	15 57 08.8	+0.4
JMNS	Mandailing Nat	25.49 269	P	P	15 57 10.9	-0.4
JOW	Kunigami	25.69 7	P	P	15 57 13.8	+1.0
QIS	Mount Isa	26.57 147	P	P	15 57 15.4	+0.8
GIRL	Giralila	25.93 203	P	P	15 57 16.0	+1.0
GIRL	Giralila	25.93 203	P	P	15 57 16.2	+1.1
AS31	Alice Springs	26.15 161	P	P	15 57 17.6	+0.5
ASPA	Alice Springs	26.15 161	P	P	15 57 17.8	+0.7
ASAR	Alice Springs	26.15 161	P	P	15 57 17.7	+0.6
ASAR	comp=Z,135nm,0.9s, baz=345, slow=8.0, SNR=720		P	P	16 00 42.3	+1.2
ASAR	comp=Z,7.0nm,0.6s, baz=346, slow=2.4, SNR=6.7		S	S	16 01 37.2	-1.9
ASAR	comp=Z,4.3nm,0.8s, baz=329, slow=14, SNR=5.2		S	S	16 04 09.7	+1.0
ASAR	comp=Z,6.1nm,0.9s, baz=350, slow=9.3, SNR=9.5		ScP	ScP	15 57 18.0	+1.0
ASAR	Alice Springs	26.15 161	P	P	16 00 42.1	+1.0
ASAR			ScP	ScP	16 04 10.1	+1.5
ASAR			ScP	ScP	15 57 17.0	-0.6
PSI	Prapat	26.18 274	P	P	15 57 17.6	-0.6
PSI	comp=Z,14nm,0.8s, baz=126, slow=3.7, SNR=17		S	S	16 01 36.8	-3.3
WRKA	Warakurna	26.25 173	P	P	15 57 18.5	+0.6
WRKA	comp=Z,2.1nm,0.4s, baz=313, slow=23, SNR=6.9		P	P	16 01 38.8	-3.3
MTSU	Mount Surprise	26.96 136	P	P	15 57 26.0	+1.5
MTSU	comp=Z,27. SNR=13		P	P	15 57 28.0	-1.3
GSI	Gunungsitoli	27.49 271	P	P	15 57 27.3	-1.9
GSI	Gunungsitoli	27.49 271	P	P	15 57 28.0	-1.3
MEEK	Meekatharra	28.35 192	P	P	15 57 36.3	-0.4
CTA	Charters Tower	29.33 137	P	P	15 57 49.7	+1.6
CTA	Charters Tower	29.33 137	P	P	15 57 49.7	+1.6
CTAO	Charters Tower	29.63 137	P	P	15 57 48.9	+0.8
CTAO	comp=Z,138nm,2.0s		pmax	pmax		
CTAO	Charters Tower	29.63 137	P	P	15 57 48.9	+0.8
CTAO	comp=Z,138nm,2.0s		I	Amb	15 57 50.4	
JCU	Chichijima	30.56 31	P	P	15 57 55.7	-0.5
JSU	Zuchiyama	30.59 9	P	P	15 57 55.7	-0.7
JSU	comp=Z,56nm,0.9s		I	Amb	15 57 57.3	
GYA	Guiyang	30.74 326	f	P	15 57 58.9	+0.9
GYA			p	P	15 58 26.0	+0.5
GYA			p	P	15 59 04.9	+0.9
GYA			P	P	16 00 54.2	+1.6
GYA			P	P	16 02 50.0	-1.5
GYA			ScP	ScP	16 04 23.7	+0.7
GYA			pmax	pmax		
GYA	comp=Z,33nm,1.1s		pmax	pmax		
GYA	comp=Z,200nm,4.7s		LR	LR		
GYA	comp=Z,190nm,6.1s		LR	LR		
GYA	comp=Z,250nm,10.1s		LR	LR		
GYA	comp=Z,190nm,11.7s		LR	LR		
CMAR	Chiang Mai Arr	30.86 305	P	P	15 57 58.6	-0.4
CMAR	comp=Z,1.7nm,0.9s, baz=134, slow=7.6, SNR=14		ScP	ScP	16 04 24.9	+1.4
CMAR	comp=Z,3.3nm,0.9s, baz=144, slow=1.8, SNR=16		LR	LR	16 11 17.4	
WHN	Wuhan	30.93 342	P	P	15 58 00.1	+0.7
NJ2	Nanjing	31.26 350	f	P	15 58 02.5	+0.2
NJ2			ScP	ScP	16 04 24.5	0.0
MORW	Morawa	31.30 195	P	P	15 58 02.4	-0.3
MORW	comp=Z,2.1nm,1.4s		I	Amb	15 58 03.6	
MORW	baz=31, SNR=46		I	Amb	15 58 02.5	-0.1
MORW			I	Amb	15 58 03.6	
FORT	Forrest	31.91 175	P	P	15 58 08.7	+0.7
FORT	comp=Z,32. SNR=57		P	P	15 58 08.6	+0.6
FORT	Forrest	31.91 175	P	P	15 58 11.7	+1.5
KMI	Kunming	32.12 320	f	P	16 03 13.4	+0.3
KMI			s	S	16 04 00.3	-3.5
KMI			s	S	16 04 00.3	-3.5
KMI	comp=Z,27nm,1.3s		LR	LR		
KMI	comp=Z,230nm,11.0s		LR	LR		
KMI	comp=Z,260nm,13.4s		LR	LR		
KMI	comp=Z,190nm,20.3s		LR	LR		
JNU	Nakatsue	32.24 9	P	P	15 58 09.1	-1.8
JNU	comp=Z,89nm,1.0s		I	Amb	15 58 12.0	
ENH	Enshi	32.50 334	I	Amb	15 58 14.1	
ENH	comp=Z,53nm,0.9s		I	Amb	15 58 13.8	-0.3
BLDU	Balidu	32.61 193	P	P	15 58 20.3	+0.8
BLDU	baz=33, SNR=57		P	P	15 58 21.9	+0.8
JMN	Monobe	33.41 13	P	P	15 58 21.9	+0.8
JMN	comp=Z,64nm,0.8s		I	Amb	15 58 24.4	
JMN	Mundaring	34.03 194	P	P	15 58 26.4	-0.1
JMS	Saijiyo	34.47 12	P	P	15 58 31.1	+0.9
JMS	comp=Z,84nm,1.2s		I	Amb	15 58 35.8	
NWAO	Narrogin (SRO)	34.72 192	P	P	15 58 32.7	+0.3
NWAO	baz=35, SNR=15		P	P	15 58 32.8	+0.3
NWAO	Narrogin (SRO)	34.72 192	P	P	15 58 32.8	+0.3
NWAO	comp=Z,28nm,0.7s		pmax	pmax		
NWAO	Narrogin (SRO)	34.72 192	P	P	15 58 32.8	+0.3
NWAO	comp=Z,28nm,0.7s		I	Amb	15 58 33.6	
TJN	Taiejun	35.08 3c	eP	P	15 58 36.3	+0.9
JWT	Wachi	35.27 15	P	P	15 58 37.8	+0.8
BBOO	Buckleboob	35.37 164	P	P	15 58 38.4	+0.4
BBOO	comp=Z,28nm,0.7s		I	Amb	15 58 38.3	+0.4
BBOO	Roma	35.76 142	P	P	15 58 42.5	+1.1
BBOO	baz=35, SNR=114		P	P	15 58 40.9	-0.4
INU	Inuyama	35.77 17	P	P	15 58 40.9	-0.4
CD2	Chengdu	35.81 328	P	P	15 58 41.6	-0.2

CD2			p	P	15 59 08.5	-1.9
CD2			S	S	16 04 10.4	+0.9
CD2			S	pmax		
CD2	comp=Z,50nm,1.2s		pmax	pmax		
CD2	comp=Z,190nm,8.6s		LR	LR		
CD2	comp=Z,390nm,18.8s		LR	LR		
CD2	comp=Z,470nm,23.3s		LR	LR		
CD2	comp=Z,280nm,11.8s		LR	LR		
JGF	Kuroka	36.10 17	P	P	15 58 44.4	+0.2
KSAR	Wonju Array Be	36.18 4	P	P	15 58 45.3	+0.5
KSAR	Wonju Array Be	36.18 4	P	P	15 58 45.3	+0.5
KSAR			P	P	16 01 09.0	+1.4
KSRS	Korea Array	36.19 4	P	P	15 58 45.4	+0.5
KSRS	comp=Z,59nm,0.7s, baz=179, slow=9.8, SNR=142		P	P	16 01 09.1	+1.7
KSRS	comp=Z,7.7nm,0.8s, baz=181, slow=3.7, SNR=23		ScP	ScP	16 04 03.2	+1.4
KSRS	comp=Z,12nm,0.8s, baz=188, slow=3.7, SNR=23		ScP	ScP	16 15 52.3	
KSRS	comp=Z,56nm,19.3s, baz=182, slow=40		P	P	15 58 45.5	+0.3
KS19	Wonju Array Si	36.23 4	P	P	15 58 45.5	+0.3
STKA	Stephens Creek	36.42 156	P	P	15 58 48.0	+1.1
HTT	Hallett	36.82 160	P	P	15 58 51.3	+0.9
MJAR	Matsushiro Arr	37.23 18	P	P	15 58 52.3	-1.4
MJAR	comp=Z,29nm,0.8s, baz=188, slow=4.3, SNR=32		ScP	ScP	16 04 46.6	+1.0
MJAR	comp=Z,94nm,0.8s, baz=186, slow=9.0, SNR=122		LR	LR	16 13 49.9	
MJAR	comp=Z,58nm,21.7s, baz=200, slow=35		ScP	ScP	15 58 52.6	-1.1
MJAR	Matsushiro Arr	37.23 18	P	P	16 04 46.5	+0.8
MAJO	Matsushiro	37.23 18	P	P	15 58 53.5	-0.2
MAJO	comp=Z,120nm,0.8s		pmax	pmax		
MAJO	Matsushiro	37.23 18	P	P	15 58 53.5	-0.2
MAT	Matsushiro	37.23 18	P	P	15 58 52.9	-0.8
MAT			eS	S	16 04 30.4	+0.5
CMSA	Cobar Meteorol	37.97 151	P	P	15 59 01.4	+1.4
BJI	Beijing	39.52 349	P	P	15 59 13.8	+1.0
BJI			p	P	15 59 38.8	-2.7
BJI			ScP	ScP	16 04 55.6	+1.3
BZH	Lanzhou	39.92 333	eP	P	15 59 16.4	-0.1
LZH			p	P	15 59 42.5	-0.4
LZH			p	P	16 00 00.3	-0.2
LZH			p	P	16 00 54.6	-1.1
LZH	comp=Z,45nm,1.3s		pmax	pmax		
LZH	comp=Z,210nm,5.4s		pmax	pmax		
LZH	comp=Z,380nm,13.2s		LR	LR		
LZH	comp=Z,320nm,13.4s		LR	LR		
LZH	comp=Z,400nm,16.8s		LR	LR		
ARMA	Armidale	40.34 143	P	P	15 59 21.8	+1.9
ARMA	comp=Z,40nm,0.8s, baz=40, SNR=22		I	Amb	15 59 22.1	+2.2
ARMA	comp=Z,28nm,0.8s		I	Amb	15 59 22.9	
ARPS	Mount Arapiles	40.84 159	P	P	15 59 25.2	+1.4
HHC	Hu-ho-hao-te	41.34 344	eP	P	15 59 28.2	+0.3
HHC	comp=Z,17nm,1.0s		pmax	pmax		
HHC	comp=Z,210nm,4.1s		pmax	pmax		
YNG	Young	41.53 150	P	P	15 59 32.0	+2.5
YNG	comp=Z,42. SNR=14		P	P	15 59 31.1	+1.5
MSHR	Mys Shulista	41.58 71	f	P	15 59 31.1	+1.5
MSHR	comp=Z,78nm,1.7s		pmax	pmax		
MGCD	Mangrove Creek	42.10 147	P	P	15 59 37.0	+2.9
VLA	Vladivostok	42.20 7d	f	P	15 59 35.5	+0.8
VLA	comp=Z,139nm,1.5s		pmax	pmax		
CN2	Changchun	42.44 0	eP	P	15 59 39.4	+2.8
CN2			P	P	16 01 28.7	+1.4
CN2			P	P	16 05 06.3	+0.6
RNV	Riverview	42.60 147	P	P	15 59 41.4	+3.3
RNV	comp=Z,10.0nm,0.5s		pmax	pmax		
CAN	Canberra	42.65 151	P	P	15 59 40.8	+2.2
CAN	comp=Z,93nm,0.9s		pmax	pmax		
CAN	Canberra	42.65 151	P	P	15 59 40.8	+2.2
CAN	comp=Z,93nm,0.9s		I	Amb	15 59 42.0	
CNB	Canberra Magne	42.82 150	P	P	15 59 42.4	+2.4
CNB	baz=43, SNR=19		P	P	15 59 43.3	+2.4
TOO	Toolangi	42.94 156	P	P	15 59 41.6	+0.7
TOO	comp=Z,94nm,1.0s		pmax	pmax		
TOO	Toolangi	42.94 156	P	P	15 59 41.6	+0.7
TOO	comp=Z,94nm,0.9s		I	Amb	15 59 44.5	
USA01	Ussuriysk Arra	43.27 7	P	P	15 59 43.9	+0.5
USA0B	Ussuriysk Arra	43.27 7	P	P	15 59 43.9	+0.5
USA0B	comp=Z,281nm,1.7s		pm			

2d 15h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GARM, BTLS, IUG, etc.

2015 OCT

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PPLA, H2K1, CHUM, etc.

62

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SYO, SYO, GIL, etc.

2015 OCT

Table with columns: AAK, Ala-Archa, 6.58 21 P, Pn, 16 21 55.0 +2.1, etc. Lists various stations and their parameters.

Table with columns: ZAAO, ZAAO, 19.79 24 P, Iamb, P, 16 24 33.2 +0.2, etc. Lists various stations and their parameters.

Table with columns: SJA 02, BUJ 02, IDC 02, NEIC 02, VAO 02, GUC 02, GGMT 02, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H03S1, H03S2, PB10, PB15, LCO1, PB04, LVC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TORO, TORI, ULM, CASY, CASY, AKAS, AKAS, ASAR, ASAR, WRA, WRA, H1S2, H1S1, H1S3, HYB, ZALV, MKAR, MJAR, WMQ, WMQ, WMQ, WMQ, JUNU, SONM, SONM, HHC, HJ2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NACB, NACB, ETLH, ETLH, ETLH, ETLH, etc. Also includes detailed solution parameters for stations like SJA, NEIC, BUJ, etc.

2d 16h

2015 OCT

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like Santo Domingo, Renca, AROD, MT01, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like CNLB, PTGB, PTLB, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like O20A, EDW2, ISA, CWC, K22A, etc.

2d 18h

SGLT	baz=331	eS	Sn	17 14 03.4 +1.9
CHKT	Chengkung baz=351	eP	Pn	17 13 42.0 -0.1
CHKT	baz=351	eS	Sn	17 14 02.0 -0.9
ECS	Chishang baz=346	eS	Sn	17 14 03.0 -0.3
SNJT	Kaohsiung City baz=320	eP	Pn	17 13 43.0 +0.3
SNJT	baz=320	eS	Sn	17 14 04.5 +0.4
SCST	Cishan baz=333	eS	Sn	17 14 04.3 -0.1
SLGT	Liugui baz=334	eP	Pn	17 13 43.5 +0.2
SLGT	baz=334	eS	Sn	17 14 04.1 -0.8
FULB	Fuli baz=347	eP	Pn	17 13 43.8 +0.3
FULB	baz=347	eS	Sn	17 14 05.4 +0.1
ELDTW	W Lidau baz=350	eP	Pn	17 13 43.5 -0.6
SGST	Jiashian baz=333	eP	Pn	17 13 44.6 0.0
SGST	baz=333	eS	Sn	17 14 05.6 -1.8
STYT	Tauyuan baz=339	eP	Pn	17 13 45.0 +0.3
STYT	baz=339	eS	Sn	17 14 06.8 -0.7
STYH	Taoyuan baz=340	eP	Pn	17 13 44.9 +0.3
STYH	baz=340	eS	Sn	17 14 07.0 -0.3
ECBN	Changbin baz=5.0	S	Sn	17 13 44.8 -0.1
ECBN	baz=5.0	P	Sn	17 14 06.9 -0.9
EYUL	Yuli baz=348	eS	Sn	17 14 09.1 +0.4
TWF1	Yuli baz=349	eP	Pn	17 13 45.2 -0.2
TWF1	baz=349	eS	Sn	17 14 07.1 -1.7
CHN3	Shinhua baz=317	eS	Sn	17 14 08.7 -0.9
YULB	Yu-Ii baz=349	eP	Pn	17 13 45.7 -0.3
YULB	baz=349	eS	Sn	17 14 07.6 -2.2
CHN1	Nanshi baz=333	eP	Pn	17 13 46.2 +0.1
CHN1	baz=333	eS	Sn	17 14 08.7 -1.3
WTP	Ta-pu baz=336	eP	Pn	17 13 46.8 +0.5
WTP	baz=336	eS	Sn	17 14 09.7 -0.7
SNST	Tainan City baz=333	eP	Sn	17 14 10.3 -0.7
TPUB	Ta-pu baz=337	eP	Pn	17 13 46.8 -0.1
TPUB	baz=337	eS	Sn	17 14 10.1 -1.3
HGSD	Ruisui baz=6.0	eP	Pn	17 13 47.2 +0.1
HGSD	baz=6.0	eS	Sn	17 14 12.2 +0.4
TWK	Hsiinying baz=334	eP	Sn	17 14 10.4 -1.7
JHRS	Hungye baz=351	eS	Sn	17 13 47.0 -0.4
EHY	baz=351	eS	Sn	17 14 10.9 -1.4
CHN4	Tsushan baz=337	eP	Pn	17 13 48.0 +0.3
CHN4	baz=337	eS	Sn	17 14 11.7 -1.1
YUS	Yu-Shan baz=347	eP	Sn	17 14 14.4 +0.4
SCLT	Jiali baz=316	eS	Sn	17 14 12.8 -0.7
ALS	Alisan baz=344	eP	Pn	17 13 49.2 +0.2
ALS	baz=344	eS	Sn	17 14 14.8 -0.3
EGFH	Guangfu baz=352	eP	Pn	17 13 50.0 +0.6
EGFH	baz=352	eS	Sn	17 14 15.4 -0.6
ICHU	Yijhu baz=339	eP	Pn	17 13 49.3 -0.3
ICHU	baz=339	eS	Sn	17 14 14.2 -2.0
CHN8	Yiju baz=337	eP	Pn	17 13 49.6 -0.2
CHN8	baz=337	eS	Sn	17 14 15.4 -1.3
CHN5	Tsauling baz=341	eP	Sn	17 14 17.0 -0.6
CHY	Chiayi baz=335	eS	Sn	17 14 15.8 -1.7
CHN2	Minshiung baz=336	eS	Sn	17 14 16.7 -1.0
WHYT	Xinyi Township baz=337	eP	Sn	17 14 18.2 -0.4
ESL	Shilin baz=354	eP	Pn	17 13 51.8 +0.4
ESL	baz=354	eS	Sn	17 14 17.4 -2.0
SSLB	Sunglung baz=339	eP	Pn	17 13 52.3 +0.6
SSLB	baz=339	eS	Sn	17 14 18.9 -1.3
WKG	Gukung baz=340	eP	Sn	17 14 19.2 -1.1
WDH	Douliu baz=339	eS	Sn	17 14 18.7 -1.9
TEYL	Yanliu Villag baz=9.0	eS	Sn	17 14 22.0 +1.4
WTK	Tuku baz=344	eP	Pn	17 13 52.2 -0.5
WTK	baz=344	i S	Sn	17 14 19.6 -2.2
WJS	Zhushan baz=344	eS	Sn	17 14 21.4 -0.8
WSF	Szhu baz=332	eP	Pn	17 13 52.5 +0.1
WSF	baz=332	eS	Sn	17 14 20.5 -1.9
SMLT	Sun Moon Lake baz=340	eP	Pn	17 13 54.1 +0.9
SMLT	baz=340	eS	Sn	17 14 22.1 -0.6
ETM	Tongmen baz=356	eP	Pn	17 13 53.8 +0.4
ETM	baz=356	eS	Sn	17 14 22.2 -0.7
OWD	Renai baz=344	eS	Sn	17 14 21.9 -1.5
TYC	Yuchr baz=348	eP	Pn	17 13 54.7 +1.3
TYC	baz=348	eS	Sn	17 14 22.4 -0.9
WNT	Mingjian baz=344	eP	Pn	17 13 53.7 0.0
WNT	baz=344	eS	Sn	17 14 22.8 -0.9
WNT1	Nantou City baz=344	eS	Sn	17 14 23.0 -1.4
VCHM	Qimei baz=312	eP	Pn	17 13 53.9 -0.8
VCHM	baz=312	S	Sn	17 14 22.4 -3.1
CHGB	Renai baz=344	eP	Pn	17 13 56.2 +1.2
CHGB	baz=344	eS	Sn	17 14 25.4 -0.6
TWD	Chiawan baz=355	eP	Pn	17 13 55.2 +0.3
TWD	baz=355	eS	Sn	17 14 25.0 -0.7
DPDB	Guoxing baz=341	eS	Sn	17 14 25.1 -0.9
WYL	Yuanlin Townsh baz=342	eS	Sn	17 14 24.5 -1.7

2015 OCT

WCS	Beigang Elemen baz=341	eS	Sn	17 14 26.3 -0.2
WRL	Guolierlin Hig baz=346	eS	Sn	17 14 24.3 -2.3
WHF	Helian Shan baz=348	eS	Sn	17 14 27.6 -0.4
NACB	Ninganchiao baz=356	P	Pn	17 13 56.4 +0.3
NACB	baz=356	eP	Sn	17 14 27.2 -0.8
PHUB	Peng-hu baz=319	eP	Sn	17 13 55.4 -0.9
PHUB	baz=319	eS	Sn	17 14 25.0 -3.3
ETLH	Xiulin Townshi baz=1.0	eP	Pn	17 13 57.2 +0.6
ETLH	baz=1.0	eS	Sn	17 14 28.6 -0.2
WCHH	Zhanghua baz=342	eS	Sn	17 14 27.4 -1.7
PNG	Penghu baz=320	eP	Pn	17 13 56.4 -0.6
PNG	baz=320	eS	Sn	17 14 26.6 -2.9
TCU	Taichung baz=345	eP	Sn	17 14 28.7 -1.2
FUSS	Fushou baz=346	eP	Pn	17 13 59.2 +1.7
FUSS	baz=346	eS	Sn	17 14 29.9 -0.3
WHP	Taichung City baz=343	eP	Pn	17 13 58.9 +0.7
WHP	baz=343	eS	Sn	17 14 31.5 -0.1
TWQ1	Liyutan baz=340	eP	Sn	17 14 33.3 -0.7
EDWT	Wuta baz=6.0	eS	Sn	17 14 33.4 -1.2
WDJ	Dajia District baz=345	eS	Sn	17 14 34.6 -0.1
NDS	Dooghan baz=533	eP	Pn	17 14 02.8 +0.5
NDS	baz=533	eS	Sn	17 14 37.4 -1.7
ENTT	Nicuduo baz=2.0	eP	Pn	17 14 03.6 +1.2
ENTT	baz=2.0	eS	Sn	17 14 38.7 -0.4
NSTT	Nanjuang baz=345	eS	Sn	17 14 39.6 -0.1
YHNB	Yeheng baz=351	eP	Pn	17 14 04.8 +1.9
YHNB	baz=351	eS	Sn	17 14 40.1 +0.1
NSK	Sanguang baz=350	eP	Pn	17 14 04.4 +1.5
NSK	baz=350	eS	Sn	17 14 41.2 +1.1
TWE	Taiyeheng baz=354	eP	Pn	17 14 05.3 +1.9
TWE	baz=354	eS	Sn	17 14 42.6 +1.5
JYNG	Yonagunijimaku baz=324	P	Pn	17 14 04.1 +0.5
JYNG	baz=324	eS	Sn	17 14 40.4 -0.8
YOJ	Yonaguni jima baz=32	eS	Sn	17 14 41.3 -0.9
YOJ	Yonaguni jima baz=1.0	eS	Sn	17 14 41.4 -0.8
NWLT	Wulai baz=1.0	eP	Pn	17 14 42.9 +0.5
HATJ	Hateruma jima baz=3.39	P	Pn	17 14 04.8 +0.1
HATJ	baz=3.39	eS	Sn	17 14 42.5 -0.9
IRIF	Iriomote-Funau baz=3.51	P	Pn	17 14 07.5 +0.4
IRIF	baz=3.51	eS	Sn	17 14 46.9 -0.7
JKRS	Kuro-shima baz=3.59	P	Pn	17 14 05.8 +0.3
JKRS	baz=3.59	eS	Sn	17 14 49.2 -0.4
JIJ	Ishigaki jima baz=3.77	P	Pn	17 14 10.9 +0.3
JIJ	baz=3.77	eS	Sn	17 14 52.2 -1.6
JISG	Ishigakijimahi baz=4.04	P	Pn	17 14 14.5 +0.3
JISG	baz=4.04	eS	Sn	17 14 50.0 +1.3
JTJ	Tarama baz=4.31	P	Pn	17 15 06.3 -0.8
JIRB	Irabujima baz=4.75	P	Pn	17 15 16.8 -0.9
JMJ2	Miyako jima3 baz=4.79	P	Pn	17 15 18.1 -0.6
CMAR	Chiang Mai Arr baz=21.42	P	LR	17 27 25.0
SONM	Songno Array baz=28.98	P	P	17 19 06.7 +0.9
FITZ	Fitzroy Crossi baz=39.53	P	P	17 20 35.2 -1.5
MKAR	Makanich Array baz=40.52	P	P	17 20 46.7 +2.0
ZALV	Zalesovo Beam baz=42.69	P	P	17 21 03.9 +1.6
WRA	Warramunga Arr baz=43.03	P	P	17 21 03.9 -1.6
ASAR	Alice Springs baz=46.16	P	P	17 21 31.8 -0.9
MSVF	Nonsavu baz=67.71	LR	LR	17 51 22.7

TOO	Toolangi	32.38	237	P	Iamb	P	18 04 09.1 +0.1
TOO	comp=Z,20nm,1,6s						18 04 13.7
COEN	Coen	36.14	279	P	P	P	18 04 40.7 -0.1
PATS	Pohnpei	37.27	323	P	P	P	18 04 48.5 -1.6
BBOO	Bucklebo	39.39	247	P	Iamb	Iamb	18 05 06.3 -0.9
BBOO	comp=Z,19nm,1,6s						18 05 14.2
AS31	Alice Springs	42.01	261	P	P	P	18 05 27.4 -0.8
ASAR	Alice Springs	42.01	261	P	P	P	18 05 27.8 -0.5
ASAR	comp=Z,2.4nm,0.7s,baz=99,slow=7.3,SNR=77						18 10 13.4 +1.9
ASAR	comp=Z,2.0,7nm,0.8s,baz=109,slow=4.3,SNR=8.6						18 05 27.5 -0.7
ASAR	Alice Springs	42.01	261	P	P	P	18 05 28.7 -1.1
WR0	Warramunga Arr	42.21	266	P	Iamb	Iamb	18 05 32.7
WR0	comp=Z,1.2nm,1,4s						18 05 30.3 -0.9
WB2	Warramunga Arr	42.39	266	P	Iamb	Iamb	18 05 30.9
WB2	comp=Z,6.3nm,0.8s						18 05 30.3 -0.9
WB0	Warramunga Arr	42.39	267	P	Iamb	Iamb	18 05 30.9
WB0	comp=Z,6.3nm,0.7s						18 05 30.4 -0.9
WRA	Warramunga Arr	42.40	266	P	P	P	18 10 15.3 +2.2
WRA	comp=Z,5.7nm,0.6s,baz=103,slow=8.1,SNR=106						18 05 30.1 -1.1
WRA	Warramunga Arr	42.40	266	P	P	P	18 05 59.8 -1.2
FORT	Forrest	46.26	250	P	Iamb	Iamb	18 06 00.8
FORT	comp=Z,1.0nm,0.7s						18 06 08.8 -1.4
MTN	Manton Dam	47.46	275	P	P	P	18 06 18.8 -0.6
KNRA	Kununurra	48.69	270	P	Iamb	Iamb	18 06 18.9
KNRA	comp=Z,1.6nm,1,1s						18 06 34.9 -0.1
FITZ	Fitzroy Crossi	50.82	266	P	P	P	18 07 16.6 -0.8
MORW	Morawa	56.83	250	P	Iamb	Iamb	18 07 26.0
MORW	comp=Z,2.4nm,1,5s						18 08 18.2 +1.0
QSPA	South Pole Qui	66.05	180	P	P	P	18 08 17.6 +0.4
QSPA	comp=Z,0.9nm,0.6s,baz=72,slow=13,SNR=11						18 09 53.6 +1.1
QSPA	South Pole Qui	66.05	180	P	P	P	18 09 56.7 +0.4
SLBS	Sierra La Lagu	82.87	60	P	P	P	18 10 59.2 -0.8
SNAA	Sanaa	84.53	179	P	P	P	18 10 03.5 +1.3
NVAR	Mina Array Bea	84.85	44	P	P	P	18 10 03.0 +0.8
NVAR	comp=Z,0.5nm,0.5s,baz=225,slow=8.9,SNR=2.3						18 10 30.2 +1.4
TXAR	Lajitas Array	90.50	58	P	P	P	18 12 34.5 -6.5
TXAR	comp=Z,0.9nm,0.7s,baz=132,slow=2.1,SNR=11						18 16 35.9 +0.2
LCO	Las Campanas	93.97	124	pP			18 16 35.9 +0.2
ARCES	ARCES Array B	132.02	348	PKP	PKPdf		
ARCES	comp=Z,2.2nm,0.9s,baz=29,slow=2.1						

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for RSPR 02, NEIC 02, and ISC 02 stations like Esperanza, Guaynabo City, and Patillas Dam.

NIED 02 19:09:57.5, 32°07'N, 130°21'E, h9km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm, Mw=0.25; Ms=0.72; Mw-0.47; Mw-0.45; Mw-1.31; Mw-0.42; Fault plane solution: M=1.59000x10^15 NP; o=100.00000; s=77.00000; A=22.00000; NP2; o=195.00000; s=69.00000; A=166.00000

JMA 02 19:09:57.5, 32°07'N, 130°21'E, h9km, Mw4.1, M4.1 JMA Felt IV J1

ICC 02 19:09:58.6, 0.9, 32°08'N, 130°37'E, h0km, mb3.8/6, mb1.3/9/8, mb1mx3.6/54, mbmtpp3.8/6, ML2.9/2, MS3.3/14, Ms1.3/3/14, ms1mx3.1/48, Error ellipse: s-maj=23.3km s-min=10.1km az=101.0

NEIC 02 19:09:58.2, 32°04'N, 0°03', 130°35'E, 0.09, h4km, 5km, mb4.2/9, Error ellipse: s-maj=10.9km s-min=4.5km az=84.0

ISC 02 19:09:59.3, 0.5, 32°04'N, 0°03', 130°30'E, 0.04, h10km, n56, c=1753/54, mb4.0/10, MS3.6/11, 4C-3D, Kyushu az=84.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like Okuchi, Hondo, Suzuyama, and others.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like Inuyama, Kuroka, Matsushiro, and others.

PRU 02 19:12:16.9, 0.0, 51°45'N, 161°12'E, h0km, VIE 02 19:12:19.0, 0.6, 51°28'N, 15°9'E, h0km, mb2.4/3, ml2.5/4, Error ellipse: s-maj=6.2km s-min=5.1km az=75.0 79km

WV of Wrocław Suspect Mining Induced ISC 02 19:12:16.4, 1.1, 51°42'N, 0°05', 16°08'E, 0.03, h0km, n26, c=072/54, Poland

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like Ksiaz, Chvalec, Ostas, and others.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like CONA, MOA, and ARSA.

NEIC 02 19:26:11.3, 1.6, 19°26'N, 0°1', 63°9'W, 0.1, h52km, 41km, Error ellipse: s-maj=17.8km s-min=16.5km az=173.0

RSPR 02 19:26:13.1, 1.9, 52°N, 63°88'W, h31km, 11km, MD3.3/9 ISC 02 19:26:12.9, 1.8, 19°50'N, 0°1', 63°9'W, 0.04, h34km, n49, c=075/53, 5C-6D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like ANegada, Torola, and others.

NEIC 02 19:42:45.0, 1.7, 31°04'S, 0°05', 72°76'W, 0°05', h5km, 5km, Error ellipse: s-maj=7.1km s-min=5.1km az=148.0

IDC 02 19:42:45.9, 2.3, 31°13'S, 72°53'W, h0km, mb3.9/2, mb1.4/0/4, mb1mx3.7/28, mbmtpp3.9/4, ML3.7/2, MS3.0/2, Ms1.2/9/2, ms1mx2.8/102, Error ellipse: s-maj=76.2km s-min=37.0km az=102.0

GUC 02 19:42:48.1, 0.7, 31°05'S, 72°49'W, h37km, 5km, ML3.6 ISC 02 19:42:44.1, 4.2, 31°06'S, 0°04', 72°76'W, 0.06, h5km, 28km, n62, c=1946/73, mb4.3/3, 10C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like Fray Jorge, Combarbal, and others.

2d 19h

Table with columns: VA05, comp=N, 414nm, 0.3s, IAML, 19 44 01.1, etc. Lists various astronomical observations with station names, coordinates, and times.

2015 OCT

Table with columns: GIRL, MORW, NWA0, KSR5, etc. Lists astronomical observations with station names, coordinates, and times.

70

Table with columns: RIDG, Independent Ri, 1.69 182, Pn, 19 44 26.2 +0.3, etc. Lists astronomical observations with station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KLU Klutina, YUK2 White River, etc.

IDC 02 19:47:24.8z 1.7, 202.54S; 174.08W, h0km, mb3.9/5, mb1 4.3/6, mb1mx4.0/26, mbtmp4.0/6, ML5, 1/1, MS3.3/5, Ms1 3.3/5, ms1mx3.1/24, Error ellipse: s-maj=76.3km s-min=27.9km az=162.0

ISC 02 19:47:30.3z 1.3, 22.45S; 0.03z:174.2W; 0.2, h31km, n16, e082/8, mb3.9/5, MS3.2/5, Tonga Islands region

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

IDC 02 20:02:32.3z 1.7, 30.64S; 71.75W, h0km, mb4.0/1, mb1 3.8/2, mb1mx3.6/17, mbtmp3.7/2, ML3.5/1, MS3.6/3, Ms1 3.6/3, ms1mx3.0/24, Error ellipse: s-maj=91.5km s-min=46.2km az=104.0

GUC 02 20:02:40.4z 0.6, 31.08S; 71.33W, h58km, 2km, ML4.0, NEIC 02 20:02:40.7z 0.8, 31.10S; 0.04z:71.36W; 0.05, h50km, 6km, Error ellipse: s-maj=6.4km s-min=5.2km az=225.0

ISC 02 20:02:40.3z 0.9, 31.08S; 0.03z:71.37W; 0.05, h51km, 7km, n59, r1508/58, 2C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CO02 Combarbal, CO06 Fray Jorge, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CO03 Tololo Observa, VA06 Catalipico, etc.

NAO 02 20:03:22.1z 1.2, 67.60N; 33.82E, ML2.7, HEL 02 20:03:21.4z 0.4, 67.64N; 33.96E, h0km, ML2.0, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AP29 Apatity, APA0 Apatity Array, etc.

IDC 02 20:31:43.0z 3.1, 5.88S; 151.30E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/34, mbtmp3.9/4, MS3.6/1, Ms1 3.6/1, ms1mx2.6/33, Error ellipse: s-maj=97.1km s-min=31.1km az=112.0

NEIC 02 20:31:48.2z 2.3, 5.68S; 0.10z:151.1E; 0.1, h36km, 12km, mb4.6/19, Error ellipse: s-maj=18.6km s-min=10.6km az=126.0

ISC 02 20:31:49.6z 0.7, 5.69S; 0.09z:151.14E; 0.10, h50km, n29, r1912/23, mb4.3/11, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HEF Hetta, TOF Tornio, etc.

VAO 02 20:19:38.8z 0.3, 17.71S; 65.65W, h0km, mb3.9/5, IDC 02 20:19:41.7z 1.6, 17.84S; 65.71W, h74km, 16km, mb3.3/5, mb1 3.7/10, mb1mx3.6/27, mbtmp3.7/10, Error ellipse: s-maj=21.4km s-min=13.5km az=40.0

ISC 02 20:19:40.1z 0.7, 17.86S; 0.07z:65.63W; 0.05, h35km, n24, e2575/29, mb3.6/5, Central Bolivia

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

AAE 02 20:29:15.3z 1.4, 9.80N; 40.02E, h50km, 87km, MD3.8, EAF 02 20:29:17.0z 1.5, 9.94N; 40.01E, h0km, 49km, ML5.2, ISC 02 20:29:08.8z 1.1, 8.83N; 0.06z:40.33E; 0.03, h10km, n21, e244/40, 1C, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ANKE Ethiopia-Afar, AAE Adis Abeba, etc.

IDC 02 20:31:43.0z 3.1, 5.88S; 151.30E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/34, mbtmp3.9/4, MS3.6/1, Ms1 3.6/1, ms1mx2.6/33, Error ellipse: s-maj=97.1km s-min=31.1km az=112.0

NEIC 02 20:31:48.2z 2.3, 5.68S; 0.10z:151.1E; 0.1, h36km, 12km, mb4.6/19, Error ellipse: s-maj=18.6km s-min=10.6km az=126.0

ISC 02 20:31:49.6z 0.7, 5.69S; 0.09z:151.14E; 0.10, h50km, n29, r1912/23, mb4.3/11, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

2d 23h

Table with columns: WB2, WRA, WRA, DZM, PINNC, KNRA, AS31, ASAR, ASAR, SOEI, FITZ, FORT, JAGI, JAGI, JAGI, HIZ, UGM, MORW, MORW, YOJ, TUWZ, PSI, SONM, TORO. Includes station names, coordinates, and various parameters.

NNC 02 20:42:43.7±2.0, 50.33N:88.34E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.1km s-min=7.4km az=99.0

SOME 02 20:42:45.5, 49.27N:88.77E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.1km s-min=7.4km az=99.0

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

ICC 02 21:25:59.7±3.6, 4.34S:152.43E, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.5/4.1, mbtmp3.8/2, MS3.3/1, Ms1 3.5/1, ms1mx2.5/3.0, Error ellipse: s-maj=14.6km s-min=4.9km az=119.0

NEIC 02 21:26:05.3±1.8, 5.0S:0.2±153.1E, h35km, 21km, mb4.3/1.6, Error ellipse: s-maj=40.6km s-min=4.7km az=217.0

ISC 02 21:26:03.7±1.7, 5.0S:0.2±153.2E, h35km, n23, 0.1520/22, mb4.2/1.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the New Ireland region.

2015 OCT

Table with columns: BBOO, FORT, BHW, LTZ, MORW, NWA0, CMAR, TORO. Includes station names, coordinates, and various parameters.

ICC 02 21:36:18.0±1.1, 13.96N:121.01E, h0km, mb3.5/9, mb1 3.6/9, mb1mx3.5/5.0, mbtmp3.8/5.9, Error ellipse: s-maj=56.7km s-min=20.2km az=63.0

ISC 02 21:36:29.5±0.8, 13.71N:120.7E:0.1, h100km, n13, mb1 3.6/9, mb3.6/9.0, 1.37/1.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Mindoro region.

ICC 02 21:56:39.6±2.3, 36.07N:29.70E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/2.6, mbtmp3.5/5, ML3.3/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/2.4, Error ellipse: s-maj=62.3km

ISC 02 21:56:41.1, 36.39N:29.67E, h5km, ML2.9/12, DDA 02 21:56:41.7, 36.34N:29.70E, h7km, 4km, ML2.7, NIC 02 21:56:41.8±0.0, 36.33N:29.69E, h0km, 4km, ML2.9/12

ISC 02 21:56:42.2±1.2, 36.37N:0.02±29.65E:0.02, h0km, 10km, n35, ±165/49, mb3.4/4, Turkey

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

ICC 02 23:29:00.7, 36.91N:26.70E, h7km, 2km, ML2.2, ISK 02 23:29:01.6, 36.96N:26.73E, h8km, ML2.4/12, THE 02 23:29:02.2, 36.97N:26.76E, h4km, 4km, ML2.2/2, Error ellipse: s-maj=4.6km s-min=0.8km az=100.0

ATH 02 23:29:02.5, 36.96N:26.79E, h18km, 5km, ML2.5/1, Error ellipse: s-maj=5.9km s-min=1.1km az=134.0

ISC 02 23:29:02.3±1.0, 36.97N:0.3±26.75E:0.02, h10km, 9km, n46, ±063/65, Dodocane Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Dodocane Islands region.

72

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

ICC 02 22:22:52.3±2.1, 31.12S:71.38W, h0km, mb3.9/3, mb1 3.9/5, mb1mx3.7/19, mbtmp3.8/5, ML3.6/2, MS2.4/1, Ms1 2.4/1, ms1mx2.3/2.2, Error ellipse: s-maj=59.3km s-min=4.1km az=26.0

GUC 02 22:23:00.6±1.6, 30.74S:0.04±71.44W:0.09, h47km, 11km, Error ellipse: s-maj=10.7km s-min=5.1km az=95.0

ISC 02 22:23:00.7±0.9, 30.74S:0.03±71.39W:0.05, h47km, 8km, n51, ±070/48, mb3.8/3, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Chile region.

ISC 02 22:28:19.0±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2

ISC 02 22:28:19.0±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2

ISC 02 22:28:19.0±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2, 22.23S:151.7±0.2

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

ISC 02 23:29:00.7, 36.91N:26.70E, h7km, 2km, ML2.2, ISK 02 23:29:01.6, 36.96N:26.73E, h8km, ML2.4/12, THE 02 23:29:02.2, 36.97N:26.76E, h4km, 4km, ML2.2/2, Error ellipse: s-maj=4.6km s-min=0.8km az=100.0

ATH 02 23:29:02.5, 36.96N:26.79E, h18km, 5km, ML2.5/1, Error ellipse: s-maj=5.9km s-min=1.1km az=134.0

ISC 02 23:29:02.3±1.0, 36.97N:0.3±26.75E:0.02, h10km, 9km, n46, ±063/65, Dodocane Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Dodocane Islands region.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEPEK, YESI, TISA, ERMIK, KARAC, TEVE, IKL, EREN, KEBE, SILLI, KERZ, SLFK, KIZK, KIZK, KZKZ, KKBE, SEDI, KERK, KERK, HNTI, MMA0B, MMA0B, GEM, OFRI, OFRI, NATI, NATI, SLTI, MMLI, HMDD, HMDD, AMAZ, AMAZ, DSI, DSI, YTIR, YTIR, KZIT, KZIT, MDBI, MDBI, PRNI, PRNI, KRMI, KRMI, HRFI, HRFI, EIL, EIL.

IDC 03 00:20:23.7:0.8,33.78S:71.78W,h0km,mb3.8/8, mb1.4/0.10,mb1mx3.8/31,mbtmp3.8/10,ML3.9/2,MS3.1/2, Ms1.3/1.2,ms1mx2.8/19,Error ellipse: s-maj=37.4km s-min=18.5km az=88.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VA05, VA05, VA05, MT01, MT01, MT01, BO03, BO03, MT09, MT09, VA01, VA01, MT02, MT02, BO01, BO01, MT05, MT05, BO02, BO02, LMEL, LMEL, VA03, VA03, ML02, CO02, BI05, BI05, CO03, CO03, LC01, AC04, VA04, H03S1, H03S3, H03S2, H03N1, H03N3, H03N2, G003, G003, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA, PLCA, PLCA, PLCA, PLAZ, LPAZ, SIV, SIV, EFI, RUSC, MDP, VNA3, VNA2, SNA3, SNA3, SNA3, SNA3, QSPA, QSPA, TXAR, PDAR, NVAR, TORD, WRA, H1S2, H1S1, H1S3, ZALV, GUC, IDC, ISC, Code, LVC, PB09, PB09, PB09, PB07, PB07, PB01, PB01, PB02, PB02, PB15, PB15, PB04, PB04, PB05, PB05, PB08, PB08, TA01, HMBC, HMBC, PB10, PB10, PSGC, LPAZ, LPAZ, SIV, SIV, TXAR, PDAR, TORD, MKAR, IDC, JMA, ISC, Code, JHJ, CBU, JCY, JCY, BSO3, BSO3, JRY, JRY, JAG, JAG, MJAR, MAT, MAT, JHO, KSR5, USRK, KLR, SONM, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV, ZALV, MKAR, WRA, WRA, ASAR, ILAR, ARCES, KBZ, FINES, BRTR, TORD, JMA, Code, JYNG, JYNG, YOJ, YOJ, YOJ, YAJ, HATJ, HATJ, IRIF, IRIF, HWA, HWA, JKRS, TWD, TWD, NACB, NACB, ESL, ESL, ETLH, EGFH, EGFH, NDS, NDS, JIJ, JIJ, HGSD, HGSD, ENTT, ENTT, EHY, EHY, EYUL, EYUL, WHF, WHF, YULB, YULB, YULB, FUSS, FUSS, FUSS, OWD, OWD, CHGB, CHGB, NWLT, NWLT, NWLT, JISG, EDH, EDH, SSBL, SSBL, SSBL, SMLT, SMLT, WCS, WCS, ELDTW, ELDTW, WHP, WHP, LONT, LONT, LONT, TYC, TYC, TYC, WHYT, WHYT, WHYT, STYH, STYH, TPUB, TPUB, WDLH, WDLH, WDLH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN4 Tsaushan, CHN4 Taimali, ECL baz=248, etc.

DJA 03 01:34:48.5±0.4, 10°S44'11"E±6.1, h10km, M3.9/6, mb4.4/2, MLv3.7/6, Sumbawa region. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ICD 03 01:37:03.0±0.8, 3.05S, 141.90E, h0km, mb4.0/8, mb1.4/3.1, mb1mx4.1/4.3, mbtmp4.2/1.1, ML3.3/3, Ms1.3/3, ms1mx2.8/3.2, Error ellipse: s-maj=19.9km s-min=15.0km az=89.0

NEIC 03 01:37:12.1±1.8, 3.09S, 0.08x141.63E±0.1, h46km, 7km, mb4.3/1.8, Error ellipse: s-maj=11.4km s-min=12.1km az=178.0

ISC 03 01:37:10.6±0.6, 3.12S, 0.07x141.64E±0.09, h35km, n49, ø598/44, mb4.1/14, New Guinea

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAY Jayapura, PMG Port Moresby, MTN Mantion Dam, etc.

2015 OCT

Ms1.2/9.2, ms1mx2.7/2.0, Error ellipse: s-maj=38.1km s-min=31.3km az=96.0 NEIC 03 01:37:49.8±1.7, 30.60S, 0.05x72.70W±0.04, h10km, 1km, mb4.2/6, ML3.5(GUC), Error ellipse: s-maj=9.4km s-min=4.9km az=210.0

GUC 03 01:37:57.0±0.4, 31.12S, 72.44W, h27km, 3km, ML3.8 ISC 03 01:37:53.0±1.1, 30.73S, 0.05x72.58W±0.09, h27km±14km, n46, ø1343/51, mb4.1/3.7, Off coast of central Chile

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

mb3.4/3, Jan Mayen Island region 3d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPITS Spitzbergen Ar, ARCES ARCES Array B, NOA NORSAR Array B, etc.

NAO 03 01:46:18.8±1.1, 71.28N, 4.34W, ML4.4 IDC 03 01:46:20.5±0.8, 71.33N, 4.41W, h0km, mb4.0/14, mb1.4/2.19, mb1mx4.0/4.6, mbtmp4.1/1.9, ML3.6/4, Error ellipse: s-maj=17.8km s-min=14.7km az=42.0

MOS 03 01:46:20.9±1.3, 71.48N, 4.07W, h10km, mb4.6/35, Error ellipse: s-maj=17.9km s-min=4.9km az=100.3 BER 03 01:46:22.4±3.0, 71.31N, 4.14W, h7km, 4.7km, ML2.5, ML2.9(DNK), Confirmed Earthquake

NEIC 03 01:46:23.3±1.3, 71.40N, 0.08x3.9W±0.2, h10km, 1km, mb4.4/4.1, Error ellipse: s-maj=13.8km s-min=12.1km az=197.0

BGR 03 01:46:25.8±0.0, 71.25N, 2.18W, h10km, mb4.4, Ms3.3 DTK 03 01:46:30.7±3.3, 72.17N, 5.23W, h0km, 11.1km, ML2.9

ISC 03 01:46:22.4±0.4, 71.46N, 0.05x4.14W±0.04, h12km, n271, ø1969/233, mb4.4/7.0, MS3.6/7, 7C-11D, Jan Mayen Island region

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNW Jan Mayen West, etc.

ICD 03 01:37:49.9±1.4, 30.66S, 72.50W, h0km, mb3.9/3, mb1.4/1.6, mb1mx3.8/2.4, mbtmp3.9/6, ML3.9/3, MS2.9/2

ICD 03 01:46:14.0±2.3, 71.27N, 3.67W, h0km, mb3.3/3, mb1.3/6/9, mb1mx3.4/4.7, mbtmp3.9/5, ML2.3/1, Error ellipse: s-maj=39.2km s-min=24.7km az=118.0

ICD 03 01:46:15.0±1.1, 71.31N, 0.1x3.8W±0.2, h12km, n9, ø58/9, s-maj=39.2km s-min=24.7km az=118.0

Table with columns: Station Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like NORESS Array S, Hagfors, Fines Array B, etc.

Table with columns: Station Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like Dobruska-Polom, Pruhonice, Stuttgart, etc.

Table with columns: Station Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like Arti, Sonseca Array, San Pablo, etc.

Additional text and data at the bottom right, including station coordinates and specific event details like 'BER 03 02:21:00.5-1.2, 71.33N, 4.66W, h10km, ML2.0, M2.6(DNK), Confirmed Earthquake'.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matushiro Arr, NJ2 Nanjing, LODK Lodwar, CMAR Chiang Mai Arr, KMBO Kilima Mbogo, ROSC El Rosal, PALK Palikele, OTAV Otavalo, OTAV Otavalo, ASAR Alice Springs.

IDC 03 02:44:27.5-4.7, 18.28Sx178.03W, h630km, 27km, mb2.8/3, mb1 3.0/4, mb1mx2.7/28, mbtms3.8/4, Error ellipse: s-maj=163.3km s-min=38.3km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, WRA Warrunganga Arr, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, GERES GERES Array B.

IGIL 03 02:48:06.0-1.6, 37.66N, 1.85W, h2km, ML2.0 INMG 03 02:48:06.5-1.6, 37.87N, 1.80W, h13km, 3km, ML2.3, Error ellipse: s-maj=1.9km s-min=1.8km az=128.0, LDG 03 02:48:06.0-0.1, 37.85N, 1.77W, h11km, ML2.3/6, Error ellipse: s-maj=2.3km s-min=1.4km az=145.0, MDD 03 02:48:06.4-0.1, 37.87N, 1.80W, h11km, mLg2.5/0, 2D, Error ellipse: s-maj=2.0km s-min=1.7km az=156.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLOR Lorca, Murcia, EMUR La Murta, SESP Santiago Espad, CEST Cartagena, CART Cartagena, ETOB Tobarra, ETOB Tobarra, ETRV Los Montesinos, ENIJ Nijar, EQES Quesada, EQES Quesada, GORA Gorafe, AFON Font Roja, AFON Font Roja, EBER Serja, EQUER Quantar, EQUER Quantar, EBENZ Beniarda presa, ELGU Los Guajares, ELGU Los Guajares, ELGU Gorafe, ECHE Chera, ECHE Chera, EGOR Sierra Gorda, EGOR Sierra Gorda, EADA Adamuz, EADA Adamuz, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sierra Gorda, ESDC Sierra Gorda, PAB San Pablo, PAB San Pablo, UCM Universidad Co, UCM Universidad Co, EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, EIBI Ibiza, EIBI Ibiza, EIBI Ibiza.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECAB El Cabril, ECAB El Cabril, ETOR Torete, ETOR Torete, GUD Guadarrama, GUD Guadarrama, ERTA Horta de San J, ERTA Horta de San J, EMIN Mina Concepcio, EMIN Mina Concepcio, EPLA Plasencia, EPLA Plasencia, PBAR Barrancos, PBAR Barrancos, EBAD Badajoz, EBAD Badajoz, EGRO El Granado, EGRO El Granado, PMRV Marv???, PMRV Marv???, PMRV Marv???, PMRV Marv???, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PCBR Castelo Branco, PCBR Castelo Branco, PBVD Barranco-do-Ve, PBVD Barranco-do-Ve, EVO Evora, EVO Evora, EVO Evora, EVO Evora, MESJ Messejana, MESJ Messejana, MESJ Messejana, MESJ Messejana, ETSF Etsaut, ETSF Etsaut, ETSF Etsaut, ETSF Etsaut, MTE Manteigas, MTE Manteigas, MTE Manteigas, MTE Manteigas, MTE Montargil, MTE Montargil, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PNCL Nicolau / Gran, EPF Esparrros, EPF Esparrros, EPF Esparrros, EPF Esparrros.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EPF Esparrros, EPF Esparrros, EPF Esparrros, EPF Esparrros, PBGR Braganca, PBGR Braganca, ELAN Lanestosa, ELAN Lanestosa, PVIS Viseu, PVIS Viseu, ECAL Calabor, ECAL Calabor, PFVI Vila Bisbo, PCAS Casimio, Conde, PCAS Casimio, Conde, PCAS Casimio, Conde, PSBE So Bento, EARI Arriondas, EARI Arriondas, ELOB Lobos, ELOB Lobos, ELOB Lobos, MTLF Montolio, MTLF Montolio, MTLF Montolio, EPON Pontenova, EPON Pontenova, QUIF Quistinic, QUIF Quistinic.

IDC 03 03:04:18.1-4.4, 16.04S, 173.70W, h106km, 29km, mb3.3/3, mb1 3.7/4, mb1mx3.4/45, mbtms3.8/4, Error ellipse: s-maj=170.7km s-min=24.5km az=139.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, WRA Warrunganga Arr, ASAR Alice Springs, ASAR Alice Springs, ILAR Eielson Array, BRTR Keskin Array B.

IDC 03 03:30:17.6-1.0, 27.40S, 175.64W, h0km, mb3.9/4, mb1 4.3/6, mb1mx4.0/19, mbtms4.0/6, ML3.9/2, MS3.4/2, Ms1 3.4/2, ms1mx3.0/32, Error ellipse: s-maj=43.0km s-min=21.0km az=152.0, NEIC 03 03:30:20.1-1.0, 27.5S, 0.1x175.7W, 0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=26.9km s-min=12.3km az=129.0

ISC 03 03:30:19.2-0.6, 27.59S, 0.09x175.6W, 0.1, h10km, n42, 0.1513/39, mb4.5/13, MS3.4/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, NIUE Niue, MSVF Nonsavu, URZ Urewera, URZ Urewera, DZM Mont Dumac, DZM Mont Dumac, LTZ Lake Taylor, TBI Tubuai, PPT2 Papeete, PPT Papeete, ASAR Alice Springs, WRO Warrunganga Arr, WRO Warrunganga Arr, WRO Warrunganga Arr, WRO Warrunganga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, CASY Casey, QSPA South Pole Qui, SNAA Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, CMB Columbia Cole, CMB Columbia Cole, NVAR Mina Aray Bay, NVAR Mina Aray Bay, NV11 Mina Aray Stat, NV11 Mina Aray Stat, Y14A Wickenburg.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Moscow, Khabaz, Kislovodsk, Obninsk, etc.

ISC 03 04:14:46.6-0.6, 32.788Sx178.179W, h0km, mb4. 7/12, mb1 4.9/14, mb1mx4.7/26, mbtmp4.8/14, ML4.6/2, MS3.1/3, Ms1 4.1/3, ms1mx3.9/15, Error ellipse: s-maj=24.9km s-min=20.8km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Mons, DZM, AFI, etc.

ISC 03 04:18:52.4+1.6, 33.075Sx178.116W, h0km, mb4. 4/4, mb1 4.6/5, mb1mx4.0/35, mbtmp4.4/5, ML3.9/1, Error ellipse: s-maj=48.7km s-min=31.2km az=142.0

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

ISC 03 04:26:23.2-0.8, 32.777Sx171.95W, h0km, mb4. 1/9, mb1 4.2/13, mb1mx4.1/27, mbtmp4.0/13, ML4.0/4, MS3.7/4, Ms1 3.6/4, ms1mx3.3/25, Error ellipse: s-maj=26.3km s-min=21.3km az=86.0

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

ISC 03 04:26:59.0-0.9, 33.035Sx178.18W, h0km, mb4. 4/8, mb1 4.1/12, ms1mx3.4/42, Error ellipse: s-maj=29.6km s-min=21.3km az=126.0

WEL 03 04:26:59.0, 9.32', S, 14.1' W, 18W, 3.6, h225km, 18km, M4.4/7, mb4.4/4, mlnv=4.77, Mw(m)3.6/4, Error ellipse: s-maj=0.1km, s-min=0.0km az=111.2

NEIC 03 04:27:02.0, 1.4, 32', 93S:0.06:178.3W:0.2, h10km, 1km, mb4.7/12, Error ellipse: s-maj=22.0km s-min=9.7km az=270.0

ISC 03 04:27:03.9, 0.6, 32', 96S:0.06:178.3W:0.1, h32km, n73, c=316/80, mb4.6/13, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations including Green Lake, Raoul Island, Waikatoa, etc.

Table with columns: AS31 Alice Springs, ASAR Alice Springs, ASAR comp=2.5, 1nm, 0.8s, bazi=110, slow=7.6, SNR=37, etc.

IDC 03 05:01:07.6, 1.5, 7', 16S:1.55E, h0km, mb3.9/8, mb1.4/1.8, mb1mx3.8/45, mltmp3.9/8, MS2.8/1, Ms1.2/8/1, ms1mx2.6/36, Error ellipse: s-maj=45.5km s-min=25.6km az=115.0

ISC 03 05:01:13.8, 1.3, 7', 22S:0.2, 155E:0.3, h41km, n10, c=654/9, mb3.8/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations including Honiara, Warramunga Arr, etc.

NEIC 03 05:11:58.0, 4.0, 3', 10N:0.01:97.70W:0.01, h9km, 3km, Error ellipse: s-maj=1.7km s-min=1.4km az=180.0

ANF 03 05:11:58.0, 4.0, 3', 07:08N:97.71W, h6km, ML4.1/15, Error ellipse: s-maj=3.6km s-min=2.9km az=63.0

IDC 03 05:11:58.0, 1.0, 3', 27N:3.78E, h0km, mb4.0/2, mb1.4/1.5, mb1mx3.7/28, mltmp3.8/5, MS2.8/1, Ms1.6/4, Error ellipse: s-maj=15.1km s-min=13.5km az=127.0

ISC 03 05:11:58.0, 8.37, 09N:0.02:107.75W:0.05, h10km, n74, c=802/34, Kansas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations including Sooner Cattle, Winter Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations including Washetta, Trinidad, etc.

REN 03 05:21:17.3, 0.7, 38', 66N:0.02:118.81W:0.02, h6km, 6km, ML3.0/15, ML2.9/34(NEIC), Error ellipse: s-maj=2.7km

NEIC 03 05:21:17.1, 1.0, 6, 38', 66N:0.02:118.80W:0.02, h6km, 7km, Error ellipse: s-maj=2.7km s-min=2.3km az=212.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations including Ryan, Mina Array, etc.

IDC 03 05:22:44.9, 0.7, 3', 37S:77.84W, h0km, mb4.1/15, mb1.4/3/2, mb1mx4.2/34, mltmp4.1/20, ML3.9/4, MS3.5/5, Ms1.3/5, ms1mx3.2/41, Error ellipse: s-maj=23.5km

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like UNJU Nakatsue, KLR Kufudr, MJAR Matsushiro Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WNT baz=231, WWF Wufeng, WWF baz=338, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like EGFH baz=112, ETM Tongmen, ETM baz=86, etc.

IDC 03:05:58.57.5.2.9.31.15Sx71.74W, h0km, mb3.8/1, mb1.3.6/4, mb1mx3.4/34, mbmp3.5/4, ML3.5/2, Error ellipse: s-maj=117.5km s-min=34.9km az=100.0

GUC 03:05:59.01.9.0.8.31.26Sx71.72W, h22km, 4km, ML3.6 ISC 03:05:58.59.1.4.31.20Sx0.03.71.77W, 0.07, h15km, 1.0km, n31, c129/39, 6C-3D, Near coast of central Chile

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CO06 Fray Jorge, CO02 Combarbal, CO03 El Pedregal, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WPL Puli Township, WPL baz=64, SSLB Suanglung, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like EYUL Yuli, EYUL baz=161, EYUL baz=138, etc.

IASPEI 03:06:01:23.7.0.8.23.94N.0.02:120.73E.0.02, h30km, 3km, Error ellipse: s-maj=2.7km s-min=2.0km az=124.7, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Lett., 80, 465-472, 2009

JAP 03:06:01:23.0.0.1.23.95N.120.70E, h14km, 3km, M3.5 TAP 03:06:01:23.4.23.92N.120.75E, h28km, ML3.7, B ISC 03:06:01:23.7.0.9.23.94N.0.01:120.71E.0.02, h33km, 2km, n107, c09/96/189, 28C-14D, Taiwan

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Code Station Name, WNT1 Nantou City, WNT1 baz=257, etc.

3d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNK, MNSK, MNRK, etc.

25 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, QIZ, DGZ, etc.

88

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

RTLS	eS	Sb	06 28 06.9	+0.2	BB19B	Bebedouro	22.62	71	eP	P	06 31 50.8	-2.3	SDV	Santo Domingo	38.98	1	eP	P	06 34 18.2	-0.3	
RTLS	IAML		06 28 19.6		SAML	Samuel	22.63	22	P	Pmax	06 31 52.1	-1.1	GMAL	Guarumal, Vera	38.99	345	eP	P	06 34 20.2	+1.8	
					SAML								CAPC	Capurgana	39.12	351	eP	P	06 34 21.0	+1.5	
VA03	San Esteban	2.58	162	eP	Pn	06 27 36.3	+1.9	comp=Z,235nm,1.0s					UPD2	Meteti	39.13	350	eP	P	06 34 22.0	+2.4	
VA03	San Esteban	2.58	162	eP	Pn	06 27 36.3	+1.9						CAP2	Capurgana	39.14	351	P	P	06 34 18.5	-1.1	
VA03	San Esteban	2.58	162	eS	Sb	06 28 08.9	-2.5						NBLCL	La Loma 1 Cuenca	39.22	352	P	P	06 34 21.9	+1.6	
VA03				IAML		06 28 29.9							PNME	Penonome	39.49	346	eP	P	06 34 25.1	+2.5	
AUSP	Uspallata	2.63	137	eP	Pn	06 27 33.4	-1.9						MDP	Montagnes des	39.57	30	LR	LR	06 52 24.0		
AUSP				eP	Pb	06 27 33.0	-2.1						NBLV	Livramento - P	39.64	62	eP	P	06 34 22.9	-1.1	
VA01	Torpederas	2.71	183	Pn	Pn	06 27 36.6	+0.5						LL2C	La Loma 2 Cuenca	39.65	357	eP	P	06 34 24.2	+0.1	
VA01	Torpederas	2.71	183	Pn	Pn	06 27 36.4	+0.4						UPA	Univ. de Panam	39.82	348	eP	P	06 34 26.4	+1.1	
ZON	Zonda	2.72	118	P	Pn	06 27 39.5	+3.2						ARGC	Arguarian, Magd	40.02	356	eP	P	06 34 26.7	-0.3	
ZON	Zonda	2.72	118	Pn	Pn	06 27 39.5	+3.2						BCIP	Isla Barro Col	40.05	347	eP	P	06 34 29.1	+1.8	
ZON	Zonda	2.72	118	Pn	Pn	06 27 39.0	+2.7						NBMO	Morriños de C	40.07	354	eP	P	06 34 26.9	-0.6	
ZON				eS	Sb	06 27 39.7	+2.8						SJCC	San Jacinto, C	40.13	34	P	P	06 34 27.4	+0.5	
ZON				IAML		06 28 16.9	+1.4														
ZON				IAML		06 28 32.7															
AGUA	GUANDACOL	2.74	73	eP	Pn	06 27 35.9	-0.7						SJCC	San Jacinto, C	40.13	354	eP	P	06 34 28.1	+0.1	
AGUA				eS	Sb	06 27 41.0	-1.8						NBRF	Rio Formoso - L	40.21	65	eP	P	06 34 27.5	-1.1	
AGUA				eS	Sb	06 28 24.2	+8.2						PCRV	Puerto La Cruz	40.79	10	LR	LR	06 34 32.9	+0.3	
AGUA				IAML		06 28 26.0															
GO03	Copiap	2.92	23	Pn	Pn	06 27 39.8	+0.7						comp=Z,7,19m,1.1s	DABV	Dabajuro	41.00	1	eP	P	06 34 32.8	-2.2
GO03	Copiap	2.92	23	eS	Sb	06 27 40.0	+0.9							CRUC	Cerrejon, Guaj	41.11	358	eP	P	06 34 33.9	-2.2
GO03				eS	Sb	06 28 17.9	-3.4						SMRC	San Mateo, M	41.31	356	eP	P	06 34 37.0	+0.7	
MT02	Curacav	2.96	174	eP	Pn	06 27 41.3	+1.7						RCBR	Riachuelo	41.39	61	P	Pmax	06 34 38.5	0.0	
MT02	Curacav	2.96	174	eP	Pn	06 27 42.2	+2.7														
MT02	Curacav	2.96	174	eS	Sb	06 28 17.3	+3.2						RCBR	Riachuelo	41.39	61	eP	P	06 34 38.5	0.0	
MT02	Curacav	2.96	174	eS	Sb	06 27 40.0	+0.5						NBPV	Puerto Velho	41.48	62	eP	P	06 34 38.7	-0.5	
MT02				eS	Sb	06 27 40.8	+1.3						RIMA	Rio Macho	41.58	341	P	P	06 34 39.2	-0.9	
MT02				IAML		06 28 16.4	+2.3						URIC	Uribia, Colomb	41.77	359	P	P	06 34 38.9	-2.4	
MT02				IAML		06 28 32.6							URIC	Uribia, Colomb	41.77	359	eP	P	06 34 38.9	-2.4	
RTVC	Cerro Valdivia	2.98	122	eP	Pn	06 27 43.5	+3.6						HATO	Hato, Curacao	42.31	4	P	P	06 34 38.7	-2.1	
RTOV	Renca	3.14	168	Pn	Pn	06 27 43.8	+1.7						JTS	Las Juntas de	42.39	340	P	P	06 34 48.1	+1.6	
MT05	Renca	3.14	168	eP	Pn	06 27 44.0	+1.9						comp=Z,37m,0.8s,baz=210,slow=3.8,SNR=33	JTS	Las Juntas de	42.39	340	LR	LR	06 48 57.0	
ASAL	Salagasta	3.22	136	eP	Pn	06 27 47.0	+3.8														
ASAL				eS	Sb	06 28 38.2	+8.4														
VCA	Vinchina	3.27	62	eP	Pn	06 27 48.0	+4.0														
VCA				IAML		06 28 38.2	+8.4														
VCA				IAML		06 28 38.2	+8.4														
VA05	Santo Domingo	3.34	182	eP	Pn	06 27 45.3	+0.6														
ARCO	CERRO ARCO	3.35	140	eP	Sb	06 27 49.0	+4.0														
ARCO				IAML		06 28 54.9	+1.0														
MT09	Talagante	3.49	173	eP	Pn	06 27 48.4	+1.5														
AVFE	Ville Fertit	3.51	97	eP	Sb	06 27 49.0	+1.8														
AVFE				IAML		06 28 41.7															
AVFE				IAML		06 28 41.7															
MT01	Popeta	3.55	177	eP	Pn	06 27 48.2	+0.6														
MT01	Popeta	3.55	177	eP	Pn	06 27 48.7	+1.0														
MT01				eS	Sb	06 27 49.0	+1.3														
MT01				IAML		06 28 46.7															
MT01				IAML		06 28 46.7															
AAGR	Agrelo	3.59	141	eP	Pn	06 27 52.0	+3.7														
AC02	Mariungu	4.04	32	Pn	Pn	06 27 56.1	+1.3														
AC02	Mariungu	4.04	32	eP	Pn	06 27 56.8	+2.0														
AC02				eS	Sb	06 27 51.9	-2.8														
AC02				eS	Sb	06 28 42.4	+1.1														
AC02				IAML		06 28 55.8															
BO01	Tunca	4.09	175	eP	Pn	06 27 55.4	+0.3														
BO01	Tunca	4.09	175	eP	Pn	06 27 56.0	+1.0														
BO01	Tunca	4.09	175	eS	Sb	06 28 44.8	+2.9														
BO01	Tunca	4.09	175	eP	Pn	06 27 56.0	+1.0														
BO01	Tunca	4.09	175	eS	Sb	06 27 56.1	+1.0														
BO01	Tunca	4.09	175	eS	Sb	06 28 11.9	+2.8														
BO01	Tunca	4.09	175	IAML		06 29 05.7															
APLL	PUNTA DE LOS L	4.30	92	eP	Pn	06 28 00.5	+2.5														
GO02	Sierra Bellavi	4.51	172	eP	Pn	06 27 43.0	+0.3														
GO05	Husla	4.70	184	Pn	Pn	06 28 03.3	-0.2														
CYA	Choya	5.31	71	eP	Pn	06 28 13.0	+1.1														
GARC	Panimavida	5.44	179	Pn	Pn	06 28 14.2	+0.6														
PB14	IPOC Station P	5.74	10	P	Pn	06 28 15.9	-2.2														
PB10	IPOC Station P	6.82	7	P	Pn	06 28 30.1	-2.5														
H03N1	Juan Fernandez	7.03	242	T	T	06 35 41.1															
H03N2	Juan Fernandez	7.05	242	T	T	06 35 38.9															
H03N3	Juan Fernandez	7.05	242	T	T	06 35 32.7															
VA04	Juan Fernandez	7.05	242	T	T	06 35 32.7															
PB15	IPOC Station P	7.30	15	P	Pn	06 28 37.5	-1.9														
AF01	San Pedro de A	7.91	23	Pn	Pn	06 28 46.9	+0.9														
LVC	Limon Verde	8.01	17	Pn	Pn	06 28 47.2	-2.0														
LVC				LR	LR	06 31 50.4															
LVC	Limon Verde	8.01	17	eP	Pn	06 28 47.3	-2.0														
LC01	Cunco	8.57	182	eP	Pn	06 29 05.1	-1.3														
LC01	Cunco	8.57	182	eP	Pn	06 29 06.0	-0.6														
PB09	IPOC Station P	8.72	14	P	Pn	06 28 57.4	-1.3														
LR03	Panguipulli	9.33	184	P	Pn	06 29 05.5	-1.4														
TA01	Diego Aracena	9.77	7	P	Pn	06 29 12.3	-0.8														
TA02	Huapique	10.07	7	P	Pn	06 29 16.8	-0.4														
PLCA	Paso Flores	10.43	176	Pn	Pn	06 29 22.7	+0.6														
PLCA				LR	LR	06 33 53.2															
PLCA				LR	LR	06 31 50.4															
PLCA	Paso Flores	10.43	176	Pn	Pn	06 29 23.9	+1.8														
PLCA	Paso Flores	10.43	176	Pn	Pn	06 29 23.9	+1.8														
LL04	Puerto Octay	10.61	184	P	Pn	06 29 23.8	-0.7														
PSG03	Pisagua	10.74	7	P	Pn	06 29 25.1	-1.3														

2015 OCT

3d 6h

Table with columns: Station ID, Name, Frequency, Class, Power, and other technical details. Includes stations like MOIG Morelia, DWPF Disney Wildern, GSPA South Pole Qui, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and other technical details. Includes stations like VVDA Vanda, WVTV Waverly, ABTX Abilene, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and other technical details. Includes stations like P40A Walton, L59A Binghamton, B1N1 Northampton, etc.

ECSD	comp=Z,155nm,0.9s	77.19	342	P	Iamb	P	06 38 45.3	-0.1
ECSD	EROS Data Cent						06 38 59.0	
ECSD	comp=Z,157nm,1.0s	77.19	342	P			06 38 45.2	-0.1
BBRC	EROS Data Cent						06 38 47.6	+1.6
CIS	Big Bear Solar	77.21	323	P			06 38 48.5	+2.0
HEC	Catalina Islan	77.34	321	P			06 38 48.7	+2.1
BFSC	Hector,Ludlow	77.35	324	P			06 38 49.3	+1.3
TUQ	Mount Baldy Ra	77.58	322	P			06 38 49.9	+1.8
SP3M	Turquoise Moun	77.61	324	P			06 38 48.0	+0.2
N22N	Marine on St.	77.63	345	P			06 38 50.1	+1.5
NRX	White River Ci	77.72	323	P			06 38 51.1	+2.5
O20A	Edison Barstow	77.94	332	P			06 38 51.4	+1.5
GSC	White River Ci	77.94	332	P			06 38 51.4	+1.5
RAR	Goldstone, Bar	77.95	324	P			06 38 51.4	+1.5
EDW2	Rarotonga	78.17	252	LR	LR		07 04 26.4	
MACI	Edwards Air Fo	78.25	322	P			06 38 52.5	+0.9
MACI	Morro de la Ar	78.39	48	P	Iamb	Iamb	06 38 53.4	+0.7
K36A	comp=Z,180nm,1.0s	78.40	344	P			06 38 51.1	-1.0
OSI	Milaca	78.43	322	P			06 38 54.1	+1.5
SUSD	Osito Audit: C	78.50	340	P			06 38 53.6	+1.0
D41A	Miller	78.50	340	P			06 38 52.5	-0.2
LRMC	Chassel	78.53	348	P			06 38 54.6	+1.3
KOWA	Laurel Mtn Rd	78.55	323	P			06 38 53.6	-0.8
ARVC	Kowa	78.71	66	P			06 38 56.6	+1.7
FURC	Arvin	78.89	324	P			06 38 56.2	+1.3
MPMC	Furnace Creek,	78.89	324	P			06 38 56.2	+1.0
TPNV	Manual Prospec	78.92	324	P			06 38 56.5	+1.0
TPNV	Topopah Spring	78.96	325	P		pmax	06 38 56.5	+1.0
TPNV	comp=Z,115nm,1.1s	78.96	325	P		Iamb	06 38 56.5	+1.0
TPNV	Topopah Spring	78.96	325	P		Iamb	06 38 56.5	+1.0
ISA	comp=Z,114nm,1.1s	78.96	325	P			06 38 56.9	+1.4
PKM	Topopah Spring	79.10	323	P			06 38 57.5	+1.3
K22A	Isabella, Lake	79.10	323	P			06 38 58.5	+1.4
CWC	Mcperson Peak	79.24	334	P			06 38 58.7	+0.8
GRAC	Casper	79.24	334	P			06 38 59.3	+0.8
YES	Cottonwood Cre	79.29	323	P			06 39 00.1	+1.4
SMMC	Grapevine Rang	79.56	322	P			06 39 00.9	+1.7
R11A	Vestal, Richgr	79.64	321	P			06 39 01.1	+1.3
LSSD	Simmler	79.73	326	P			06 39 00.6	+0.4
DUG	Troy Canyon, C	79.73	326	P			06 39 01.3	+0.7
TIN	Black Hills	79.82	337	P			06 39 01.5	+0.8
BW06	Last Change Ra	79.88	324	P			06 39 03.2	+1.8
PDAR	Dugway, Tooele	79.93	329	P			06 39 04.8	-0.1
MLAC	Dugway, Tooele	80.04	324	P			06 39 04.5	-0.4
B35A	Tinemaha, Big	80.04	324	P			06 39 06.8	+1.2
M3DA	Boulder Array	80.09	333	P			06 39 07.4	-0.4
NVAR	Pinedale Array	80.69	333	P			06 39 07.8	+0.6
HVU	comp=Z,5.5nm,0.8s,baz=145,slow=5.4,SNR=48	80.81	345	P			06 39 07.8	+0.6
HVU	Mammoth, Mamm	80.79	324	P			06 39 07.8	+0.6
B35A	Bob, Littlefor	80.82	345	P			06 39 07.8	+0.6
NVAR	Devils Postpil	80.92	324	P			06 39 07.8	+0.6
HVU	Mina Array Bea	81.13	325	P			06 39 07.8	+0.6
HVU	comp=Z,22nm,0.8s,baz=150,slow=4.9,SNR=116	81.13	325	P			06 39 07.8	+0.6
HVU	Hansel Valley	81.27	330	P			06 39 07.9	+0.3
HVU	comp=Z,92nm,1.0s	81.21	330	P			06 39 07.9	+0.3
AGMR	Hansel Valley	81.24	344	P			06 39 07.9	+0.1
BOSA	Agassiz Nation	81.24	441	eP			06 39 09.3	+1.3
BOSA	Madeira	81.29	118	P			06 39 07.5	-1.6
BOSA	Boshof	81.39	118	P			06 39 09.4	+0.3
ELK	comp=Z,45nm,1.0s,baz=253,slow=3.9,SNR=34	81.47	328	P			06 39 09.0	-0.1
ELK	comp=Z,38nm,0.8s,baz=144,slow=3.2,SNR=113	81.47	328	P			06 39 09.0	-0.1
ELK	Elko						06 39 09.0	-0.1
ELK	Elko						06 39 09.0	-0.1
MDND	comp=Z,69nm,1.0s	81.47	328	P			06 39 11.0	+0.7
LOHW	comp=Z,2um,21.0s	81.79	341	P			06 39 12.2	+1.3
PMPS	Maddock	81.84	442	eP			06 39 11.8	+0.6
CMB	Long Hollow	81.82	332	IAMS_20	IAMS_20		06 39 12.2	+1.3
CMB	Porto Santo, M	81.89	323	P			06 39 11.8	+0.6
MOOV	Columbia Colle	81.89	332	P			06 39 11.8	+0.6
FLWY	Columbia Colle	82.25	333	IAMS_20	IAMS_20		06 39 12.2	+1.3
PNTR	Flagg Ranch	82.29	334	IAMS_20	IAMS_20		06 39 14.2	+0.8
PNTR	Pine Nut	82.35	324	P			06 39 28.3	
TORD	comp=Z,145nm,1.0s	82.53	70	P			06 39 13.9	-1.1
TORD	Torodi Ar. Bea	82.53	70	P			06 57 40.2	+0.2
TORD	comp=Z,71nm,0.9s,baz=259,slow=4.1,SNR=151	82.53	70	P			06 39 14.1	-0.9
TORD	comp=Z,1.1nm,0.7s,baz=70,slow=2.0,SNR=5.8	82.53	70	P			06 39 14.1	-0.9
TORD	comp=Z,5um,19.0s,baz=240,slow=35	82.53	70	P			06 39 14.1	-0.9
TORD	Torodi Ar. Bea	82.53	70	P			06 39 14.1	-0.9
RLMT	comp=Z,112nm,0.9s	82.56	334	P			06 39 14.9	+0.2
RLMT	Red Lodge	82.56	334	P			06 39 15.0	+0.3
PAHR	Red Lodge	82.65	325	P			06 39 15.4	+0.2
YNE	Pah Rah Range	82.65	325	P			06 39 15.7	0.0
LAO	comp=Z,141nm,1.1s	82.75	334	P			06 39 17.0	+0.1
YMR	Yellowstone No	82.81	337	P			06 39 17.0	0.0
YMR	LASA Array	82.84	333	P			06 39 17.4	+1.3
YMR	Madison River	82.84	333	P			06 39 17.4	+1.3
YH	comp=Z,105nm,1.1s	82.89	333	P			06 39 17.2	+0.6
ULM	Holmes Hill	83.06	345	P			06 39 17.0	+0.1
ULM	Lac du Bonnet	83.06	345	P			06 39 17.0	+0.1
BEKR	comp=Z,39nm,1.0s,baz=151,slow=3.7,SNR=19	83.26	324	P			06 39 18.6	+0.2
BEKR	Lac du Bonnet	83.26	324	P			06 39 18.6	+0.2
HLID	comp=Z,81nm,1.0s	83.36	330	IAMS_20	IAMS_20		07 12 01.5	
HLID	Halley	83.36	330	P			06 39 19.5	+0.7
LBTB	Halley	83.45	115	P			06 39 19.1	-0.7
LBTB	Labatse	83.45	115	P			06 39 19.1	-0.7
DLBT	comp=Z,347nm,0.9s	83.45	115	P			06 39 19.1	-0.7
DLBT	Labatse	83.45	115	P			06 39 19.1	-0.7
DLBT	Dagmar	83.71	339	P			06 39 20.8	+0.4
BOZ	Bozeman (W)	83.87	333	P			06 39 21.9	+0.5

CGR	baz=146,SNR=8.3	84.28	50	P			06 39 26.0	+2.4
O3R	Cap Guire	84.31	324	P			06 39 23.8	+0.1
O02D	Paines Creek	84.73	323	P			06 39 27.2	+1.5
MOD	Modoc Maber	84.77	326	P			06 39 26.0	0.0
SCHO	Modoc Plateau	84.77	326	P			06 39 26.0	0.0
SCHO	comp=Z,63nm,0.8s	84.89	3	P			06 39 25.7	-0.4
SCHO	Scheffville	84.89	3	P			06 39 25.7	-0.4
J08A	comp=Z,42nm,1.1s,baz=170,slow=5.6,SNR=12	85.01	328	P			06 39 27.4	+0.2
J08A	Circle Bar Ran	85.01	328	P			06 39 47.8	
EAH	comp=Z,104nm,1.0s	85.12	49	P			06 39 30.0	+2.1
TTIG	EAH	85.18	51	P			06 39 30.0	+1.7
EGMT	Trine Tipogua,	85.20	335	P			06 39 28.3	+0.4
N02D	Eagleton	85.28	324	P			06 39 29.2	+0.7
M04C	Trinity Center	85.44	325	P			06 39 29.5	+0.1
M02C	Macdoel	85.66	324	P			06 39 31.1	+0.7
M50	Callahan	85.80	324	P			06 39 31.7	+0.7
YBH	Missoula	85.84	324	P			06 39 30.9	-0.4
OUK	baz=138,SNR=9.1	85.98	50	P			06 39 34.0	+1.4
L04D	Yreka Blue Hor	85.99	325	P			06 39 32.9	+0.8
K04D	Okauimedes	86.02	325	P			06 39 32.7	+1.5
J05D	Klamath Falls	86.26	326	P			06 39 34.0	+0.6
L02E	Chiloquin, OR	86.60	324	P			06 39 36.7	+1.8
HUMD	Fort Rock, OR	86.61	325	P			06 39 35.0	0.0
J04D	comp=Z,139,SNR=16	86.66	326	P			06 39 34.6	+0.9
K02D	Baye Junction	86.66	326	P			06 39 38.3	+1.2
I05D	Hull Mountain	86.71	327	P			06 39 38.1	+0.8
I04A	Terrebonne, OR	87.12	326	P			06 39 38.1	+0.2
TZRR	Tenzler Farm,	87.26	52	P			06 39 40.0	+1.4
J01E	Tazarine	87.50	325	P			06 39 40.2	+2.1
AVE	Myrtle Point	87.59	49	P			06 39 41.0	+1.3
I03D	Ave Averoeres	87.60	325	P			06 39 40.2	+1.3
H04A	Drain, OR	87.76	326	P			06 39 40.2	-0.3
G05D	Detroit Lake	87.77	327	P			06 39 41.8	+1.3
BUCK	comp=Z,60nm,0.9s	87.77	327	P			06 39 41.8	+1.3
BUCK	Wamic, OR	87.79	326	P			06 39 40.9	+0.1
H04D	Buck Mountain	87.79	326	P			06 39 54.2	
MATP	comp=Z,132nm,1.3s	87.91	326	P			06 39 46.2	+3.2
MATP	Lebanon	88.09	112	P			06 39 46.2	+3.2
ZHG	comp=Z,2um,21.0s	88.08	118	P			06 39 44.0	+1.1
NEW	ZHG	88.25</						

3d 7h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like R11A Troy Canyon, PDAR Pinedale Array, HVU Hansel Valley, etc.

KRNET 03 06:52:26.6-0.1, 42.21N:73.60E, h14km, mb2.4
SOME 03 06:52:27.0, 42.28N:73.65E, h5km
ISC 03 06:52:26.3-0.9, 42.23N:0.03:73.60E:0.02, h8km,8km,

Table with columns for Code, Station Name, and other technical details. Includes stations like AML Almayush, EKS2 Erkin-Say, etc.

2015 OCT

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like MNAS Chumysh, USPOspenovka, etc.

ISC 03 06:59:30.2-2.4, 32.85S:178.35W, h0km, mb4.0/2,
mb1.4,34,mb1mx3.9,24,mbtmp4.24,ML3.9/2,
Error ellipse: s-maj=62.9km s-min=31.4km az=125.0

ISC 03 06:59:33.4, 32.19S:0.2:178.2W:0.4, h35km, n6,
@112/8, South of Kermadec Islands

Table with columns for Code, Station Name, and other technical details. Includes stations like RAO Raoul Island, URZ Urewera, etc.

AEIC 03 07:00:26.1:6, 59.34N:0.02:134.60W:0.05, h3km, 7km,
Error ellipse: s-maj=4.2km s-min=2.7km az=65.0

NEIC 03 07:00:26.4:1.3, 59.34N:0.02:134.62W:0.07, h1km, 11km,
Error ellipse: s-maj=5.6km s-min=2.4km az=63.0

PGC 03 07:00:27.1:0.0, 59.33N:134.66W, h1km, ML2.5/9, 40km
Sea of Haines, AK Southeastern Alaska

ISC 03 07:00:26.5-0.8, 59.38N:0.03:134.55W:0.03, h10km, n47,
@26/70, Southeastern Alaska

Table with columns for Code, Station Name, and other technical details. Includes stations like SKAG Skagway, BESE Bessie Mount, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like WRAK Wrangel Island, SAMH Samovor Hills, etc.

IDC 03 07:17:08.6:2.0, 1.77N:126.11E, h0km, mb3.6/3,
mb1.3,7/3,mb1mx3.5/3,mbtmp3.6/3,
Error ellipse: s-maj=183.9km s-min=25.0km az=65.0, Northern

Molucca Sea

Table with columns for Code, Station Name, and other technical details. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, etc.

CRAAG 03 07:18:24.0, 36.41N:3.68E, ML2.9
MDD 03 07:18:26.1:0.6, 36.40N:3.62E, h8km, 8km, mb3.8/5, Error
ellipse: s-maj=8.6km s-min=5.2km az=75.0, PRXIMO

ISC 03 07:18:25.2:1.0, 36.40N:0.04:3.62E:0.06, h18km, n15,
@145/18, Northern Algeria

Table with columns for Code, Station Name, and other technical details. Includes stations like ADJB Djebel Djouab, ADJIB Djebel Djouab, etc.

IDC 03 07:19:53.5:1.4, 30.34S:71.25W, h0km, mb3.9/3,
mb1.3/8,mb1mx3.7/2,mbtmp3.7/8,ML3.4/5,MS4.0/1,
Ms1.4.0.1,ms1mx3.4/27, Error ellipse: s-maj=50.1km
s-min=23.8km az=110.0

GUC 03 07:19:59.0:0.7, 30.34S:71.45W, h46km, 2km, ML4.0
NEIC 03 07:20:00.3:1.5, 30.33S:0.05:71.5W:0.1, h38km, 9km,
mb4.3/5,ML3.9(GUC), Error ellipse: s-maj=14.8km
s-min=6.6km az=102.0

ISC 03 07:19:59.7:0.8, 30.32S:0.03:71.46W:0.06, h41km, 8km,
n59, @125/64, mb3.9/5, 7C-4D, Near coast of central

Table with columns for Code, Station Name, and other technical details. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA03, ROCH, VA01, G003, MT02, etc.

IDD 03 07:20:36.2,0.9, 7.24S:155.10E, h0km, mb4.3/11, mb1 4.0/6, mb1mx3.2/27, mbtmp4.3/12, ML2.3/1, Error ellipse: s-maj=33.0km s-min=20.0km az=127.0...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL, PMG, WB0, WBR2, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, M27K, MAW, MAW, MAW, etc.

IDD 03 07:42:56.0,1.7, 32.22S:71.93W, h0km, mb4.2/3, mb1 4.0/6, mb1mx3.7/25, mbtmp3.9/6, ML3.7/3, Error ellipse: s-maj=73.8km s-min=26.9km az=100.0...

NEIC 03 07:42:57.0,1.7, 32.24S:0.02:72.1W:0.1, h1km, 5km, mb4.3/6, ML4.1(GUC), Error ellipse: s-maj=13.2km, s-min=2.0km az=97.0...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA06, VA01, VA01, etc.

IDD 03 08:05:07.8,4.3, 32.35S:178.24W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.9/30, mbtmp4.0/3, Error ellipse: s-maj=248.5km s-min=56.5km az=158.0...

IDD 03 08:05:07.3,2.5, 32.7S:0.2:178.0W:0.4, h10km, n21, s=175/15, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA05, VA05, VA05, etc.

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

IDD 03 08:04:23.6,5.9, 32.04S:178.67W, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.9/30, mbtmp4.0/3, Error ellipse: s-maj=248.5km s-min=56.5km az=158.0...

IDD 03 08:04:27.1,2.9, 30.9S:0.1:178.2W:0.4, h45km, n21, s=187/17, mb4.0/3, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, KHZ, PKGZ, etc.

IDD 03 08:05:07.8,4.3, 32.35S:178.24W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.9/30, mbtmp4.2/3, Error ellipse: s-maj=248.5km s-min=56.5km az=158.0...

IDD 03 08:05:07.3,2.5, 32.7S:0.2:178.0W:0.4, h10km, n21, s=175/15, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, KHZ, PKGZ, etc.

MAN 03 08:12:00.2,5:53N:126:54E, h116km, mb5.0, ML3.9, MS4.0

IDD 03 08:12:04.3,1.9, 5:50N:126:54E, h112km, 16km, mb3.7/9, mb1 3.9/10, mb1mx3.7/34, mbtmp4.2/10, Error ellipse: s-maj=51.0km s-min=11.9km az=76.0...

NEIC 03 08:12:05.9,1.3, 5:59N:0.09:126.4E:0.2, h118km, 9km, mb4.3/14, Error ellipse: s-maj=28.0km s-min=9.9km az=69.0...

DJA 03 08:12:09.0,2.6, 5:5:12:6E, h108km, 6km, M4.8/8, mb4.7/8, mb0.5/4, MLV4.8/7, Mw(Mw)4.8/4, Mw/Mwp6.4/1, Mw6.6/1

IDD 03 08:12:03.8,0.6, 5:81N:0.06:126:5E:0.1, h100km, n41, s=192/43, mb4.1/14, 2C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV, DMPH, KCP, KCP, etc.

3d 8h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like ASAR Alice Springs, BBOO Buckleboe, SNOB Suncingo Array, etc.

IDC 03 08:23:46.0±0.5, 11.84N±0.43; 71W, h0km, mb4.3/26, mb1 4.5/27, mb1mx4.4/42, mbimp4.4/27, MLA 9/1, MS4.2/30, Ms1 4.2/30, ms1mx4.2/38, Error ellipse: s-maj=17.9km s-min=11.7km az=160.0

MOS 03 08:23:46.7±1.0, 11.90N±0.43; 75W, h10km, mb5.0/25, Error ellipse: s-maj=11.1km s-min=7.3km az=142.1

NEIC 03 08:23:49.1±1.3, 11.86N±0.07; 43.74W, 0.08, h10km, 1km, mb5.0/95, Error ellipse: s-maj=16.7km s-min=5.3km az=49.0

GCMT 03 08:23:50.2±0.2, 11.84N±0.02; 43.70W, 0.01, h12km, MW5.1/103, Moment Tensor Solution. s51, c63; s103, c164; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=5.12±.23; Mw=0.41±.14; Mo=4.70±.16; Mm=0.26±.46; Mx=0.39±.10; My=0.77±.34; Best double couple: Mo4.99300±0.16 NPT1.77 00000°, δ41.00000°, λ-87.00000°. NP2.353.00000°, δ50.00000°, λ-92.00000°. Principal axes: T 4.7370, P165.0000°, Azm35.0000°, N 0.5850, P162.0000°, Azm35.0000°, P 1.1880, P165.0000°, Azm34.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 08:23:48.2±0.3, 11.84N±0.06; 43.72W±0.06, h10km, n343, c105/319, mb4.8/102, MS4.2/34, 1C-3D, Northern

Main table of station data for the 3d 8h period. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists numerous stations like MDP Montagnes des, MDP 0.3nm, MDP 0.3nm, etc.

2015 OCT

Main table of station data for the 2015 OCT period. Columns include Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists stations like CHIC Chingaza, SJCC San Jacinto, STMC Extrema, etc.

96

Main table of station data for the 96 period. Columns include Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists stations like SFIN Lafayette, SIUC Southern Illin, S44A Carbondale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gaotai, Fray Jorge, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, Fines, IDC 03 08:46:52.4, etc.

IDC 03 08:26:49.9.1.1. 301'S5:71.50W, h0km, mb3.9/3, mb1.4/0.8, mb1mx3.8/2.9, mbtmp3.9/8, ML3.6/5, Error ellipse: s-maj=36.8km s-min=23.1km az=107.0

IDC 03 08:44:46.5.3.0.3219'Sx178.23'W, h0km, mb3.8/2, mb1.4/0.3, mb1mx3.7/2.5, mbtmp3.8/3, ML3.5/1, MS1.3/1.7, ms1mx2.8/4.1, Error ellipse: s-maj=52.3km s-min=45.2km az=126.0, South of Kermadec Islands

IDC 03 08:09:51.0.31.77'Sx72.54'W, h10km, ML4.4, IDC 03 09:08:52.1.0.8.31.71'Sx71.79'W, h0km, mb4.1/7, mb1.4/1.1, mb1mx4.0/2.7, mbtmp3.9/11, ML3.7/4, MS3.5/1, MS1.3.4/1.1, ms1mx3.0/2.6, Error ellipse: s-maj=29.8km s-min=19.8km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA, LVC, LLO5, PB09, TRQA, TA02, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHC, KXC, KHC, etc. and a section for IDC 03:09:13:30:2:16.0, 25:71.5:71.03E, h0km, mb3.4/3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W3, H01W1, ASAR, WRA, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OTAV, FLOC, PEZE, CAO, CAO2, SJCC, SJCC, PTGA, PTGA, etc.

IDC 03:09:34.9:1.1, 30:35N:131:44E, h0km, mb3.9/4, mb1 3.8/7, mb1mx3.6/5.6, mbtmp3.6/7, ML2.9/3, MS3.7/1, Ms1 3.7/1, ms1mx2.6/5.5, Error ellipse: s-maj=47.0km s-min=18.9km az=79.0

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

IPEC 03:09:27:21.0:0.3, 51:56N:16:11E, h0km, ML2.7/4, Error ellipse: s-maj=1.9km s-min=1.1km az=59.0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OTAV, FLOC, PEZE, CAO, CAO2, SJCC, SJCC, etc.

IDC 03:09:34.4:1.1, 26:05S:70:80E, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.9/3.7, mbtmp4.0/9, Error ellipse: s-maj=39.6km s-min=20.7km az=94.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S1, H0S2, H0S3, H01W2, H01W3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S1, H0S2, H0S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA, AAK, etc. Includes stations like TORQUIST, ITQB, CPUP, LPAZ, etc.

NNC 03 11:05:44.3, 24.33N-123.51E, h17km, 2km, M1.8, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA, AAK, etc. Includes stations like IRIOMOTE, HATJ, JKRS, etc.

TAP 03 11:05:55.6, 24.42N-121.79E, h12km, ML2.5, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA, AAK, etc. Includes stations like EWUT, EWUT, NDS, etc.

IDC 03 11:08:46.2, 0.5, 26.09S; 71.00E, h0km, mb4.2/2.0, mb1 4.2/2.0, mb1mx4.1/4.5, mbtmp4.2/2.0, MS4.4/1.8, Ms1 4.4/1.8, ms1mx4.2/3.4, Error ellipse: s-maj=1.9, 1.9km s-min=13.7km az=87.0

ISC 03 11:08:48.4, 0.4, 2.615S; 0.08x70.68E; 0.09, h10km, n90, l=162/173, mb4.7/4.5, MS4.5/2.2, 1D, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA, AAK, etc. Includes stations like H08S1, H08S2, H08S3, etc.

PGC 03 11:08:57.0, 2.1, 65.28N; 133.35W, h1km, ML3.0/1.1, 244km Sse of Fort McPherson, Nt Northern Yukon Territory, Canada

ANF 03 11:08:59.0, 0.5, 65.30N; 133.15W, h28km, 4km, ML3.8/1.1, Error ellipse: s-maj=3.8km s-min=2.7km az=81.0

ISC 03 11:08:56.9, 0.8, 65.34N; 0.03x133.07W; 0.04, h10km, n59, l=275/93, Northern Yukon Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA, AAK, etc. Includes stations like MAYO, MMPY, INK, etc.

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

3d 11h

Table with columns: YUKA, Talbot Arm, 4.73 215 Pn Pn, 11 10 05.8 -2.6, etc.

IDC 03 11:20:58.6, 0.5, 29.88S: 71.55W, h0km, mb4.4, MS1, mb1 4.5/20, mb1mx4.3/39, mbtmp4.4/20, ML4.2/5, M4.5/713, SJA 1.4/6.13, ms1mx4.4/21, Error ellipse: s-maj=21.4km s-min=13.8km az=83.0

Code Station Name A° AZ° Phase ID Time Res h m s ISC

2015 OCT

Table with columns: G004 Tololo Observa, 0.85 113 Pn Pn, 11 21 18.1 +0.5, etc.

104

Table with columns: PLTB comp=Z,60nm,1.1s, Iamb Iamb, 11 25 06.0, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Paris, Dimboko, DBIC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KSH, MKAR, WMO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LCO, LCO, MT05, etc.

3d 13h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like DVE, DLMR, DBC, DBO, BTLLK, etc.

IDC 03 13:22:53.9.2.1, 18.235x167.29E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/25, mbtmp3.7/4, ML3.4/1, Error ellipse: s-maj=53.1km s-min=34.7km az=128.0, Vanuatu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like DZM, WRA, ASAR, ILAR, etc.

TAP 03 13:34:00.7.23/23N:120/32E, h15km, ML3.6, B JMA 03 13:34:00.3-0.3, 23.27N:120/30E, h0km, M3.3, ISC 03 13:34:01.9-0.8, 23.24N:0.01x120/31E:0.02, h19km, 2km, n89, a1504/157.7C-BD, Taiwan

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like ICHU, SCLT, CHN8, TWK, CHN3, SNST, CHN1, TAI1, CHY, WTP, CHN4, CHN4, SGST, TPUB, CHN2, CHN2, SCST, WSF, STYT, STYT, etc.

2015 OCT

Main table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like STYH, WTK, WDLH, ALS, SGLT, SSD, WTCT, TSMG, YUS, YUS, ELDTW, WRL, KAU, WHYT, WHYT, WJS, WJS, MASBT, WNT, WNT, PHUB, PHUB, PNG, PNG, SSPT, SSPT, SSSL, SSSL, VCHM, VCHM, TWG, TWG, TYC, TYC, LONT, LONT, TWGBT, TWGBT, SMLT, SMLT, WCHH, WCHH, ECL, ECL, FULB, FULB, SCZT, SCZT, TTN, TTN, YULB, YULB, EYUL, EYUL, EDH, EDH, TCU, TCU, EHY, EHY, WCS, WCS, WCS, WCS, EAST, EAST, TAW, TAW, TAW, TAW, HGSD, HGSD, OWD, OWD, EGFH, EGFH, EGFH, EGFH, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like SLIU, CHGB, WDJ, TWQ1, TWQ1, ESL, ESL, WHP, LDUT, LDUT, NSY, NSY, WHF, WHF, TDCB, TWT, HEN, NMLH, ETLH, NACB, NSK, YHNB, ENTT, TWE, PTMZ, KNMB, JYNG, YOJ, HATJ, IRIF, JKRIS, JIU, JIU, JISG, JISG, JTJ, etc.

IDC 03 13:44:59.8.0.6, 4.53S: 139.26E, h0km, mb4.5/11, mb1 4.6/18, mb1mx4.5/27, mbtmp4.5/18, ML4.4/1, Error ellipse: s-maj=13.6km s-min=10.4km az=89.0, Vanuatu Islands

NEIC 03 13:45:05.7.2.0, 4.57S: 0.10x139.29E:0.09, h45km, 6km, mb4.9/56, Error ellipse: s-maj=15.7km s-min=11.6km az=219.0, Vanuatu Islands

DJA 03 13:45:06.2.0.3.5.3.3.13.9E, h56km, 5km, M4.8/15, mb5.4/4, mb4.7/15, MLV4.8/5, Mw(MB)4.8/4, ISC 03 13:45:04.6-0.4, 4.67S:0.05x139.25E:0.06, h35km, n161, r135/150, mb5.0/45, MS3.8/9, 1D, Irian Jaya

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like JAY, JAY, JAY, SMP1, MPM1, SRP1, BAKI, FAKI, FAKI, SIJI, SIJI, SIJI, SWI, SWI, COEN, COEN, KNRA, KNRA, SOEI, SOEI, SOEI, WB0, WR0, WRAB, WB2, WRA, WRA, WRA, BATI, BATI, CTA, CTA, DAV, APSI, FITZ, FITZ, FITZ, GUMO, TTSI, AS31, ASAR, ASAR, ASAR, HNR, EIDS, EIDS, PSAO0, PSAO0, 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. Includes stations like NGJI, DZM, MSVF, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like NEA2, I23K, I23K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like G004, G004, G003, etc.

SJA 03 13:48:03.0, 4.0, 29.80S; 72.08W, h7km, ML4.5, MW4.3
NEIC 03 13:48:05.9, 0.8, 29.93S; 71.61W, h0km, mb4.1/7,
mb1 4.2/11, mb1mx4.0/30, mbtmp4.0/11, ML3.7/3, MS3.5/9,
Ms1 3.6/9, ms1mx3.4/20, Error ellipse: s-maj=26.5km
s-min=21.5km az=89.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like CO05, CO05, etc.

3d 15h

Table of station data for 3d 15h, including columns for station name, coordinates, and various parameters.

IDC 03 13:52:56.51.9, 6.16S, 151.65E, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.8/30, mbtmp3.9/5, MS3.7/2, Ms1 3.7/2, ms1mx2.9/33, Error ellipse: s-maj=62.2km s-min=26.5km az=120.0, New Britain region

Table of station data for IDC 03 13:52:56.51.9, 6.16S, 151.65E, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.8/30, mbtmp3.9/5, MS3.7/2, Ms1 3.7/2, ms1mx2.9/33, Error ellipse: s-maj=62.2km s-min=26.5km az=120.0, New Britain region.

NIED 03 14:19:10.8, 30.56N, 131.29E, h28km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mn=1.8, Mw=2.1, Ms=2.9, Mz=2.19, Mx=2.19, My=1.47, Mz=1.9, Fault plane solution: Ms=87000*10^14, N=25.00000, S=83.00000, T=124.00000, NP2=126.00000, S34.00000, L13.00000

JMA 03 14:19:10.7, 30.56N, 131.29E, h28km, 1km, M3.7, JMA Felt J1

IDC 03 14:19:13.2, 30.67N, 131.26E, h57km, 25km, mb3.5/10, mb1 3.6/15, mb1mx3.5/43, mbtmp3.7/15, ML3.2/5, MS3.1/1, Ms1 3.3/1, ms1mx2.5/25, Error ellipse: s-maj=34.2km s-min=17.1km az=63.0

Table of station data for IDC 03 14:19:13.2, 30.67N, 131.26E, h57km, 25km, mb3.5/10, mb1 3.6/15, mb1mx3.5/43, mbtmp3.7/15, ML3.2/5, MS3.1/1, Ms1 3.3/1, ms1mx2.5/25, Error ellipse: s-maj=34.2km s-min=17.1km az=63.0.

2015 OCT

Table of station data for 2015 OCT, including columns for station name, coordinates, and various parameters.

IDC 03 14:20:35.81.6, 23.20N, 94.37E, h0km, mb3.7/2, mb1 3.7/3, mb1mx3.0/36, mbtmp3.6/3, ML3.8/1, Error ellipse: s-maj=22.9km s-min=17.5km az=1.0, Myanmar-India border region

Table of station data for IDC 03 14:20:35.81.6, 23.20N, 94.37E, h0km, mb3.7/2, mb1 3.7/3, mb1mx3.0/36, mbtmp3.6/3, ML3.8/1, Error ellipse: s-maj=22.9km s-min=17.5km az=1.0, Myanmar-India border region.

INET 03 14:20:57.5, 12.27N, 89.31W, h15km, MW3.3, IDC 03 14:21:02.1, 12.60N, 89.10W, h0km, mb3.9/8, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.4/3, MS3.4/2, Ms1 4.2/2, ms1mx2.9/27, Error ellipse: s-maj=41.9km s-min=17.7km az=94.0

SNET 03 14:21:03.9, 6.12S, 127.38N, 89.52W, h19km, 13km, ML3.6, UCR 03 14:21:03.5, 1.9, 12.31N, 89.48W, h23km, 16km, ML3.6, Mw=4.6, V=61C

NEIC 03 14:21:07.6, 2.8, 12.58N, 0.07, 89.13W, 0.08, h53km, 13km, mb4.6/14, Error ellipse: s-maj=13.1km s-min=8.3km az=56.0

IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America

Table of station data for IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America.

Table of station data for IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America.

Table of station data for IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America.

Table of station data for IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America.

Table of station data for IDC 03 14:21:05.9, 0.7, 12.32N, 0.06, 89.40W, 0.08, h39km, 7km, n88, c174/103, mb4.5/16, Off coast of central America.

108

Table of station data for 108, including columns for station name, coordinates, and various parameters.

JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu

Table of station data for JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu.

Table of station data for JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu.

Table of station data for JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu.

Table of station data for JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu.

Table of station data for JMA 03 14:31:04.2, 0.1, 37.36N, 141.40E, h55km, 1km, M3.7, Near east coast of eastern Honshu.

NEIC 03 16:34:51.0,3.2,27.18N,0.07:53.2E,0.1,h37km,14km, Error ellipse: s-maj=16.8km s-min=10.3km az=86.0, IDCC 03 16:34:54.4,3.2,27.10N:53.07E,h50km,31km,mb3.7/19, mb1 3.8/22,mb1mx3.7/51,mbtmp3.9/22,ML3.7/3,MS3.3/5, Ms1 3.4/5,ms1mx3.0/38,Error ellipse: s-maj=20.0km s-min=13.8km az=20.0

OMIAN 03 16:34:55.3,0.4,26.89N:53.17E,h121km,8km,mb4.9/11, m4.4/15,Error ellipse: s-maj=10.9km s-min=5.2km az=14.0

ISC 03 16:34:49.1,0.5,27.14N:0.04:53.14E:0.05,h10km,n135, c2509/146,mb4.0/20,MS3.3/4,1D, Southern Iran

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

Table with columns: JLN, SNR=14, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Japan and other regions.

IDC 03 16:44:33.5,9.4,0.98N:125.38E,h106km,90km,mb3.5/3, mb1 3.7/5,mb1mx3.3/33,mbtmp3.9/5,ML3.8/2,MS3.5/2, Ms1 3.5/2,ms1mx2.7/27,Error ellipse: s-maj=71.9km s-min=24.2km az=56.0

DJA 03 16:44:35.7,0.4,1.14N:127.6E,h89km,7km,MA.3/13, mb4.6/7,mb4.8/5,ML4.3/13,MBW/B4.1/5

ISC 03 16:44:33.2,1.2,0.9N:0.1:125.53E:0.06,h79km,n14, c2561/17,mb3.8/3,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Indonesia and other regions.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Pacific and other regions.

NEIC 03 17:28:24.7,1.7,5.86S:0.08:151.32E:0.09,h10km,1km, mb4.3/13, Error ellipse: s-maj=19.5km s-min=5.3km az=133.0

3d 18h

IDC 03 17:28:31.1s.9.5.84s.151.21E.h67km.49km.mb3.4/4, mb1 3.8/5, mb1mx3.4/26, mbtm3.8/5, ML2.4/1, Error ellipse: s-maj=96.0km s-min=33.2km az=131.0

ISC 03 17:28:27.2.0.7.5.85S.0.08.151.31E.0.09.h41km.n21, c1929/21,mb4.0/9,Near Britain region

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

ANF 03 17:33:06.5.0.2.37.10N.98.08W,h7km,ML3.6/10, Error ellipse: s-maj=2.7km s-min=2.3km az=114.0

NEIC 03 17:33:06.8.1.7.37.06N.0.02.98.04W.0.02,h8km.5km, Error ellipse: s-maj=3.1km s-min=2.0km az=131.0

ISC 03 17:33:05.5.2.4.37.09N.0.05.98.02W.0.04,h1km.20km, h56,c095/62,Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Winter Ranch, Sooner Cattle, Cedar Bluff, etc.

2015 OCT

ECSD EROS Data Cent 6.72 9 Pn 17 34 46.1 +0.7 JCT Junction City 6.76 193 Iamb_Lg 17 36 54.4

IDC 03 17:45:16.4.2.5.27.48N.85.50E,h0km,mb3.4/4, mb1 3.5/5, mb1mx3.3/42, mbtm3.9/5, ML3.3/1, Error ellipse: s-maj=91.6km s-min=23.4km az=72.0,Nepal

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

NEIC 03 17:57:20.1.1.2.9.1N.0.2.126.8E.0.3,h11km.7km, mb4.4/7, Error ellipse: s-maj=44.5km s-min=14.3km az=65.0

IDC 03 17:57:22.5.7.2.9.68N.126.42E,h0km,mb3.8/3, mb1 3.9/3, mb1mx3.5/37, mbtm3.8/3, Error ellipse: s-maj=238.6km s-min=150.3km az=71.0

MAN 03 17:57:33.9.9.98N.126.05E,h15km,mb4.4,ML3.2,MS3.0 ISC 03 17:57:20.8.0.9.9.0N.0.1.126.35E.0.09,h10km,n22, c218/18,mb4.5/7,2C-1D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH Surigao, LLLP Lapu-Lapu, Sibulan, etc.

IDC 03 18:27:48.7.1.8.30.71S.71.44W,h0km,mb4.2/3, mb1 4.1/5, mb1mx3.9/19, mbtm4.0/5, ML3.8/2, MS3.6/3, Ms1 3.6/3, ms1mx3.2/23, Error ellipse: s-maj=61.6km s-min=32.8km az=116.0

NEIC 03 18:27:51.9.30.61S.71.73W,h30km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr:0.92; Mw:0.18; Mss:1.10; Mss:0.02; Mss:0.82; Fault plane solution: Mo:1.37000x10^15 NP1:ns161.67000°, s66.82000°, l73.68000°. NP2:ns18.32000°, s28.08000°, l23.28000°. Principal axes: T:1.3319, P:64.0000°, Azm44.0000°; N:0.0692, P:15.0000°, Azm4.0000°; P:1.010, P:20.0000°, Azm64.0000°

NEIC 03 18:27:52.1.8.30.63S.71.72W,h34km.2km,ML4.4 h25km.5km,mb4.2/7,Mw4.0/41,ML4.4(GUC) Error ellipse: s-maj=5.0km s-min=0.6km az=92.0

GUC 03 18:27:52.3.0.8.30.63S.71.72W,h34km.2km,ML4.4 ISC 03 18:27:52.2.0.8.30.63S.0.03.71.70W.0.05,h31km.5km, n67,c1922/73,mb4.2/4,3C-3D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fray Jorge, La Serena, Combarbal, etc.

112

MT01 Popeta 3.25 173f eP Pn 18 28 42.4 +1.4 MT01 18 29 20.5 +1.8 MT01 18 29 35.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G003 Copiap, B001 Lunc, B002 Sierra Bellavi, etc.

VAO 03 18:44:13.1.0.2.19.57S.43.39W,h0km,mb3.5,Brazil

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DIAM Diamantina, MG Bom Sucesso, etc.

NEIC 03 18:58:39.5.1.0.5.37S.0.08.147.5E.0.2,h159km.gkm, mb4.3/7, Error ellipse: s-maj=22.9km s-min=9.8km az=105.0

IDC 03 18:58:39.5.4.9.5.47S.147.27E,h146km.gkm,mb3.4/3, mb1 3.7/5, mb1mx3.2/44, mbtm4.0/5, Error ellipse: s-maj=95.3km s-min=36.2km az=115.0

ISC 03 18:58:39.7.1.1.5.43S.0.09.147.6E.0.2,h170km,n23, c1919/25,mb4.0/6,Eastern New Guinea region

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

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LTZ, SNZO, WHZ, etc.

IDC 03:18:59.30.9.1.9, 30.745:71.63W, h0km, mb4.1/3, mb1 4.0/6, mb1mx3.7/35, mbtmp3.9/6, ML3.9/3, MS3.1/1, Ms1 3.1/1, ms1mx2.6/23, Error ellipse: s-maj=62.8km s-min=24.5km az=106.0

NEIC 03:18:59.37.6.2.1, 30.805:0.03:71.50W, 0.06, h39km, 6km, Error ellipse: s-maj=8.4km s-min=2.4km az=63.0

GUC 03:18:59.37.6.0.7, 30.785:71.41W, h49km, 1km, ML4.3

ISC 03:18:59.36.9.0.7, 30.775:0.03:71.46W, 0.04, h42km, 7km, n77, r132/88, mb4.0/3, 7C-2D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, AZ, Op, Phase ID, ISC, Time, Res, ISC. Lists numerous stations including Fray Jorge, Combarbal, El Pedregal, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MAW, H1S2, H1S1, etc.

IDC 03:19:32.24.9.1.5, 34.105:179.70E, h126km, 17km, mb3.3/2, mb1 3.5/3, mb1mx3.3/25, mbtmp3.8/3, Error ellipse: s-maj=47.0km s-min=11.5km az=117.0

WEL 03:19:32.27.5.1.5, 35.5:2.35:18.0W, 2.7, h190km, 30km, M4.4/18, mb5.7/1, ML4.6/22, MLV4.4/18, Mw(mB)5.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=126.8

ISC 03:19:32.24.6.1.1, 34.275:0.03:179.93W, 0.2, h150km, n34, r059943, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, AZ, Op, Phase ID, ISC, Time, Res, ISC. Lists numerous stations including MXZ, WMGZ, HAZ, etc.

Main station list table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like USRK, USRQ, JNU, etc.

IDC 03 19:43:14.0-1.1, 29.635:71.25W, h0km, mb4.0/3, mb1 4.1/7, mb1mx3.9/29, mbtmp4.0/7, ML3.9/4, Error ellipse: s-maj=39.2km s-min=27.0km az=80.0

GUC 03 19:43:20.9-0.8, 29.455:71.13W, h55km, 3km, ML4.3 NEIC 03 19:43:21.1-2.5, 29.445:0.03:71.22W, 0.07, h41km, 5km, mb4.4/11, ML4.3(GUC), Error ellipse: s-maj=94km s-min=14.0km az=61.0

ISC 03 19:43:20.7-0.8, 29.445:0.03:71.21W, 0.06, h46km, 8km, n80, c112/90, mb4.8/6, 6C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like La Serena, LCO, Tololo Observa, etc.

IDC 03 19:49:11.0-4.6, 30:37S:179.04W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/45, mbtmp3.4/2, Error ellipse: s-maj=231.8km s-min=72.9km az=167.0, Kermadec Islands region

ASAR Alice Springs 42.22 267 Op P ISC h m s ISC 19 57 05.2 -0.8

WRA Warramunga Arr 43.20 273 P P 19 57 14.6 +0.5

FINES Finnes Array B 144.81 339 PKP PKPbc 20 08 48.5 +0.3

IDC 03 19:53:26.8-0.7, 38:40S:74.08W, h0km, mb4.1/9, mb1 4.2/11, mb1mx4.1/34, mbtmp4.0/11, ML3.7/2, MS3.8/9, Ms1 3.8/9, ms1mx3.6/24, Error ellipse: s-maj=26.8km s-min=14.0km az=61.0

GUC 03 19:53:27.0-0.8, 38:32S:74.15W, h23km, 15km, ML4.4 NEIC 03 19:53:27.2-2.7, 38:32S:0.05:74.20W, 0.03, h10km, n111, c110/109, mb4.4/16, MS3.8/8, 1D, Off coast of central Chile

VAO 03 19:53:29.9-0.5, 38:09S:73.84W, h10km, mb4.5 ISC 19:53:27.8-0.5, 38:33S:0.04:74.02W, 0.06, h10km, n111, c110/109, mb4.4/16, MS3.8/8, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Universidad Au, Corral, Punta Hualpin, etc.

SNAASanae 48.23 156 P P 20 02 08.6 +0.3

JTS Las Juntas de 49.44 346 LR 20 17 44.4

QSPA South Pole Qui 51.91 180 P P 20 02 37.2 +0.8

QSPA South Pole Qui 51.91 180 P P 20 02 36.7 +0.3

CMIG Matias Romero 58.51 336 LR 20 23 56.9

MAW Mawson 69.48 164 P P 20 04 35.2 -0.6

MAW Mawson 69.48 164 P P 20 05 21.2

MAW Mawson 69.48 164 P P 20 04 36.2 +0.4

JCT Junction City 72.56 337 P P 20 04 56.2 +1.2

TX32 Lajitas Array 72.80 333 P P 20 04 57.2 +0.7

TXAR Lajitas Array 72.80 333 P P 20 04 57.6 +1.1

TXAR Lajitas Array 72.80 333 P P 20 01 04.1

CASY Casey 75.66 182 P P 20 05 13.7 +0.3

CCM Cathedral Cave 77.65 346 P P 20 05 24.4 +0.3

OBIC Boshof 78.07 372 P P 20 05 26.9 +0.2

ANMO Albuquerque 78.87 333 P P 20 05 32.3 +1.1

ANMO Albuquerque 78.87 333 P P 20 05 31.5 +0.4

BOSA Boshof 79.46 118 P P 20 05 35.6 +0.8

BOSA Boshof 79.46 118 P P 20 05 35.1 +0.3

INVAR Minna Array Base 86.57 327 P P 20 06 11.8 +0.6

PDAR Pinedale Array 86.94 335 P P 20 06 13.5 +0.6

PDAR Pinedale Array 86.94 335 P P 20 06 13.1 +0.2

H11S2 WAKE ISLAND Hy24.05 267 T T 22 28 32.6

H11S1 WAKE ISLAND Hy24.05 267 T T 22 28 34.2

ARI Ari 144.01 44 PKP PKPdf 20 13 01.5 -1.2

AKTO Aktyubinsk 144.25 54 PKP PKPdf 20 13 02.4 -1.0

BVAR Borovoye Array 151.46 47 PKPbc PKPbc 20 13 22.5 +0.8

YAL Yakutsk 152.15 336 PKPbc PKPbc 20 13 22.2 -0.3

ZAK Zalesovo Beam 158.70 36 PKPbc PKPbc 20 14 02.8 +2.3

MKAR Makanchi Array 160.66 56 PKPbc PKPbc 20 14 09.6 +0.2

SONM Sonm 170.50 358 PKPbc PKPbc 20 14 53.8 +1.2

IDC 03 19:57:06.7-0.5, 28:36S:178.48W, h267km, 5km, mb3.6/11, mb1 3.9/13, mb1mx3.6/47, mbtmp4.3/13, Error ellipse: s-maj=17.1km s-min=14.1km az=152.0

NEIC 03 19:57:07.3-1.8, 28.42S:0.10:178.60W, 0.2, h267km, 7km, mb4.2/19, Error ellipse: s-maj=22.4km s-min=13.8km

ISC 03 19:57:06.1-0.5, 28:46S:0.06:178:30W, 0.10, h250km, n68, c2514/75, mb4.0/20, Kermadec Islands region

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

3d 23h

2015 OCT

Table with columns: APE, APEIRANTHOS, 6.13 37 P, Pn, 22 49 26.7 +1.1, Sn, 22 50 35.4 -0.4, etc.

Table with columns: FRGS, Fruska Gora, 12.93 356 ePn, Pn, 22 50 55.4 -3.2, etc.

Table with columns: KBZ, Khabaz, 20.71 50ceP, Pn, 22 52 38.8 +1.3, etc.

mb3.2/5, mb1 3.2/5, mb1mx2/9,33, mbtmp4.2/5, Error ellipse: s-maj=136.8km s-min=19.9km az=172.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include RAR Rarotonga, CTA Charters Tower, ASAR Alice Springs, WRA Warrungu Arr, SONM Songoing Array.

IDC 03 23:17:15.9.3.5, 36.54N-71.06E, h83km, 27km, mb3.5/6, mb1 3.5/13, mb1mx3.6/5, mbtmp3.8/13, Error ellipse: s-maj=46.9km s-min=18.9km az=138.0

NEIC 03 23:17:16.5.2.2, 36.39N/0.06:71.12E:0.0:0.7, h102km, 8km, mb4.1/12, Error ellipse: s-maj=9.6km s-min=7.0km az=131.0

NMC 03 23:17:19.2.3.7, 36.75N:70.85E, h108km, 73km, mb3.6, mpv4.2, Error ellipse: s-maj=28.1km s-min=24.4km az=23.0

ISC 03 23:17:15.1.0.6, 36.25N:0.05:71.46E:0.0:7, h119km, n71, c170:75, mb3.9/5, SC-6D, Afghanistan-Tajikist border region

Main table of station data for the first section, including stations like KBL Kabul, GAR Garm, NIK Nilore, CHGR Chuyangaron, DRK Karamyk, BTX Batken, TAS Tashkent, DHRM DHARAMSHALA, AML Almayshu, UCH Uchtor, KZA Kyzart, EKSS Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Arr, SMLA Simla, FRU1 Bishkek, CHMS Chumysh, TKM2 Tokmak 2, USP Ospernovka, GEYT Alibek Arr, GEYT Alibek Arr, PYUN Dangsing, MAK2 Makanchi, MKAR Makanchi Array, MKAR Makanchi Array, GKN Gorkha, BHPL Bhopal, DMN Daman, KKN Kakani, PKIN Pulchok, PKI Pulchoki, JIRN Jiri, KURBB Kurchatov Arr, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, RAMN Ramite, TAPN Taplejung, ODAN Odare, BVAR Borovoye Array, WSAR Wadi Sarin, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, LSA Lhasa, ZALV Zalesovo Beam, GNI Gani, GNI Gani, ARU Arti, ARU Arti, AKASG Malin Array, BURAR Buocovina Array, BURAR Buocovina Arr, BUR08 Buocovina Arr, FIA1 FINESS Array S, FINES FINESS Array B.

Table with columns: FINES FINESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, CLL Collin, NC602 NORARS Array S, NB2 NORARS Subarra, NOA NORARS Array B, MTE Manteigas.

IDC 03 23:23:31.7.0.8, 31.63S:72.96W, h0km, mb3.9/4, mb1 4.3/7, mb1mx4.0/24, mbtmp4.0/7, ML4.2/3, MS3.1/5, comp=Z, 0.7nm, 0.4s, baz=115, slow=8.3, SNR=8.4

NEIC 03 23:23:31.6.2.5, 31.68S:0.04:72.91W:0.08, h10km, 1km, mb4.5/19, Mwr3.9/32, ML3.6(GUC), Error ellipse: s-maj=11.7km s-min=6.2km az=277.0

NEIC 03 23:23:31.6.3.1, 31.68S:72.91W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1=8.67, M2=1.91, M3=6.76, M4=2.14, M5=2.71, M6=1.68; Fault plane solution: M=8.52000x10^14 Np1 @ 201.25000, 850.63000, -7.93.52000, NP2 @ 26.79000, 839.50000, -1.85.72000; Principal axes: T: 8.1352, Plg5.0000, Azm294.0000; N: 0.7173, Plg3.0000, Azm303.0000; P: -8.8525, Plg4.0000, Azm88.0000.

GUC 03 23:23:53.7.1.4, 30.40S:71.28W, h10km, mb4.1, VAO 03 23:23:53.8.3.9, 31.68S:0.04:72.94W:0.07, h15km, 25km, n93, c208/100, mb4.5/12, 10C-ID, Off coast of central Chile

Main table of station data for the second section, including stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, VA06 Catapilco, CO02 Combarbal, VA01 Torpederas, VA01 Torpederas, ROCH El Roble, CO03 El Pedregal, CO03 El Pedregal, MT02 Curacav, MT02 Curacav, VA05 Santo Domingo, VA05 Santo Domingo, VA05 La Serena, VA05 La Serena, VA03 San Esteban, VA03 San Esteban, GO04 Tololo Observa, GO04 Tololo Observa, MT05 Renca, MT05 Renca, MT01 Popeta, MT01 Popeta, MT09 Talagante, MT09 Talagante, BO03 Pichilemu, BO03 Pichilemu, BO01 Tunca, BO01 Tunca, LMEL Las Melosas, LMEL Las Melosas, LCO Las Campanas, GO05 Huala, GO05 Huala, GO05 Huala, BO02 Sierra Bellavi, BO02 Sierra Bellavi, ZON Zonda, AC04 Llanos de Chal, ML02 Panimavida, H03N1 Juan Fernandez, H03N2 Juan Fernandez, AC02 Maricunga, LC01 Cunco, PB14 IPOC Station P, PB15 IPOC Station P, LL04 Puerto Aloya, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, LVC Limon Verde, LVC Limon Verde, LRQA Torquiste, LRQA Torquiste, TRQP Villa Florida, LPAZ La Paz, LPAZ La Paz, LP1B Pedroz Altas, SIV San Ignacio, PTGB Pitanga, TRCB Terra Rica, PT1B Pontes e Lacer, PP1B Ponte de Pedra, PCMB Pacambu, VILB Vilhena, SALV Santo Antonio, EPI East Falkland, ITB Iturbide, SPB Sao Paulo, SML Samuel, SAML Samal.

Table with columns: BDFB Brasilia, CAM01 Campos-RJ, MACA Manacapuru-AM, PTGA Pitanga, PMSA Palmer Station, RUSC La Rusia, SNA4 Sanae, SNA4 Sanae, TXAR Lajitas Arr, TXAR Lajitas Arr, TX31 Lajitas Arr, WHTX Lake Whitney, V52A Sevierville, DBIC Dimbocko, DBIC Dimbocko, MAW Mawson, PDAR Pinedale Array, NVAR Milna Array Bea, BOSA Boshof, BOSA Boshof, LBTB Lobatse, LBTB Lobatse, ASAR Alice Springs, WRA Warrungu Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, SONM Songoing Array.

IDC 03 23:25:43.1.2.8, 6.28S:130.18E, h104km, 36km, mb3.4/2, mb1 3.7/6, mb1mx3.4/31, mbtmp4.0/6, Error ellipse: s-maj=71.1km s-min=20.8km az=89.0

ISC 03 23:25:40.9.0.6, 36S:0.06:130.43E:0.10, h90km, n8, c308/12, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include SIJI Sorong, SIJI Sorong, BATI Baimita, KAPI Kappanta Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array.

IDC 04 00:27:17.8.1.3, 2.84S:141.71E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/28, mbtmp3.7/5, ML3.8/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/31, Error ellipse: s-maj=24.0km s-min=13.5km az=26.0

NEIC 04 00:27:19.9.0.8, 2.67S:0.04:141.65E:0.05, h10km, 1km, mb4.1/8, Error ellipse: s-maj=9.2km s-min=6.5km az=111.0

ISC 04 00:27:19.5.1.0, 2.7S:0.1:141.7E:0.1, h10km, n26, c0563/20, mb3.9S, Near north coast of New Guinea

Main table of station data for the third section, including stations like JAY Jayapura, JAY Jayapura, FAKI Fak Fak, MTN Mantun Dam, KNRA Kununurra, WRO Warrungu Arr, WRO Warrungu Arr, WRA Warrungu Arr, WRA Warrungu Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, BBOO Buckleboe, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, MORW Morawa, MKAR Makanchi Array, MKAR Makanchi Array, ILAR Eielson Array, BMAR Burnt Mountain, LPAZ La Paz.

IDC 04 00:33:54.0.1.4, 2.67S:141.76E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.5/27, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=25.2km s-min=14.5km az=12.0

ISC 04 00:33:58.4.1.4, 2.7S:0.1:141.6E:0.2, h29km, n12, c095/6, mb3.6/4, Near north coast of New Guinea

4d 3h

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

2015 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like X34A, U40A, MNTX, etc.

122

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

Table with columns for station name, frequency, and other technical details. Includes stations like LRV, A21K, ISP, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like AAK, UCH, ZALV, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like JKE, JSU, JNU, etc.

ILAR Eielson Array 45.38 34 P P 05 42 44.7 +0.6
INK Inuvik 50.25 29 LR LR 06 07 40.6
FINES FINESS Array B 66.46 332 P P 05 45 16.1 +1.1
NVAR Mina Array Bea 71.29 55 P P 05 45 47.0 +1.2

IDC 04 05:57:45.5-2.0, 1.44S, 128.58E, h0km, mb3.7/5, mb1 3.5/4, mb1mx3.4/45, mbtmp3.4/4, ML3.1/2, Error ellipse: s-maj=108.8km s-min=24.4km az=71.0, Halmahera

Code Station Name Az AZZ Phase ID Time Res
FITZ Fitzroy Crossi 16.80 190 Op ISC h m s ISC
WRA Warramunga Arr 19.23 163 P P 06 02 11.2 -0.4
ASAR Alice Springs 22.69 167 P P 06 02 48.6 -0.3
MKAR Makanchi Array 62.84 326 P P 06 08 13.2 0.0

BYKL 04 05:57:59.6-0.1, 56.06N, 113.95E, h6km, 3km, 1C, East of Lake Baykal

Code Station Name Az AZZ Phase ID Time Res
SVKR Severomuysk 0.23 285 ePg Pp 05 58 03.6 -0.5
UKT Ukait 0.60 198 P P 05 58 10.3 -0.9
NLYR Nelyaty 1.07 65 ePg Pp 05 58 18.6 -1.5
YOYA Uoyan 1.25 274 ePg Pp 05 58 22.5 -1.0
KMO Kumora 1.56 265 ePg Pp 05 58 27.4 -0.4
BOD Bodaibo 1.76 1 ePn Pn 05 58 30.6 -0.1
YLYR Ulyunkhan 1.98 234 ePn Pn 05 58 34.7 +1.0
NIZ Nizh Angarsk 2.50 265 ePn Pn 05 58 41.6 +0.8
CRS Chara 2.54 69 ePn Pn 05 58 41.2 -0.2
VTMR Vitim 3.47 348 ePg Pp 05 59 02.1 +0.7
TUP Tupik 3.81 113 ePn Pn 05 59 05.5 +0.0
MXMB Maximikha 4.12 229 eSg Sg 06 00 07.2 -4.6
YKLR Yuktali 4.32 80 ePg Pp 05 59 16.4 +0.5
OGRR Ongureny 4.40 239 eSg Sg 06 00 13.4 +4.9

IDC 04 05:58:31.7-1.9, 56.30N, 114.39E, h0km, mb3.7/5, mb1 3.8/7, mb1mx3.5/41, mbtmp3.7/7, ML3.2/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/42, Error ellipse: s-maj=46.9km s-min=26.2km az=35.0
MOS 04 05:58:32.9-1.2, 56.15N, 114.01E, h11km, mb4.0/2, Error ellipse: s-maj=11.5km s-min=9.5km az=62.0

BYKL 04 05:58:34.6-0.1, 56.03N, 113.95E, h11km, 2km
ISC 04 05:58:34.2-0.5, 56.03N, 113.87E, 0.02, h10km, n68, z=280/125, mb3.8/7, 3C, East of Lake Baykal

Code Station Name Az AZZ Phase ID Time Res
SVKR Severomuysk 0.20 297 P P 05 58 38.8 +0.4
SVKR Ukait 0.56 194 P P 05 58 45.4 +0.4
SVKR Severomuysk 0.20 297 P P 05 58 38.7 +0.4
YKLR Yuktali 4.37 79 ePn Pn 05 59 40.0 -0.6
KELR Kotokel 4.71 228 eSg Sg 06 00 00.8 -3.5
ZRHZ Zarechye 5.25 231 eSg Sg 06 01 19.7 -3.0
TRG Tyrgan 5.48 236 ePn Pn 05 59 57.5 +1.7

NLYR Nelyaty 1.12 65 ePg Pp 05 58 54.3 -1.4
YOYA Uoyan 1.21 276 ePg Pp 05 58 57.9 +0.6
KMO Kumora 1.51 266 ePn Pp 05 59 03.0 -0.1
BOD Bodaibo 1.80 2 ePn Pn 05 59 04.8 -0.4
YLYR Ulyunkhan 1.93 234 ePg Pp 05 59 10.1 +0.7
NIZ Nizh Angarsk 2.45 266 ePn Pn 05 59 14.5 +0.3
CRS Chara 2.59 68 ePn Pn 05 59 15.1 -1.1
VTMR Vitim 3.49 349 ePn Pp 05 59 27.9 -0.6
TUP Tupik 3.84 112 ePn Pn 05 59 33.7 +0.5
CIT Chita 4.02 183 ePg Pp 05 59 47.9 +2.8
MXMB Maximikha 4.07 229 ePg Pp 05 59 49.0 -3.0
OGRR Ongureny 4.34 239 ePg Pp 05 59 54.4 -2.9

TRG Ulan-Yde 5.55 224 ePn Pp 05 59 58.9 +2.1
FFNB Fofonovo 5.78 229 ePg Pp 06 00 20.3 -4.5
STDB Stepnoy Dvoret 5.87 232 ePg Pp 06 00 20.8 +4.3
HRMR Khuramsha 6.01 226 ePg Pp 06 01 38.8 -3.6
CLNS Chul'man 6.17 78 ePn Pn 06 00 04.7 -0.6
KPC Khapcheranga 6.40 189 ePn Pn 06 00 11.2 +2.7
LSTR Listvyanka 6.77 236 eSg Sg 06 02 07.5 -5.5
IRK Irkutsk 6.79 240 eSg Sg 06 02 07.2 -4.9
IVK Ivanovka 7.01 237 eSg Sg 06 02 11.9 -7.0
ZAK Zakamensk 8.50 233 eSg Sg 06 03 00.4 -6.4
ZAK Zakamensk 8.50 233 ePg Pp 06 03 02.2 -5.9
MOY Mondy 8.77 245 ePn Pn 06 00 44.8 +3.7
ORL Orlik 8.93 253 ePn Pp 06 00 46.2 +2.9
ULN Ulanbaatar 9.19 210 i P Pn 06 00 50.9 +0.0
SONM Songino Array 9.41 212 Pn Pn 06 00 53.2 +3.4
YAK Yakutsk 10.11 47 Lg Lg 06 03 42.3 +0.8
KLR Kul'dur 12.80 115 Pn Pn 06 01 36.0 0.0
KLR Kul'dur 12.80 115 i P Pn 06 01 36.4 +1.8
ZALV Zalesovo Beam 16.75 275 Lg Lg 06 07 23.1
TIXI Tiksi 16.92 16 i P Pn 06 02 29.2 -1.5
NRIK Noril'sk 17.77 329 P Pn 06 02 38.8 -2.5
NRIK Noril'sk 17.77 329 P Pn 06 02 40.7 -0.6
KURK Kurchatov 21.52 271 P P 06 03 27.0 +3.9
MKAR Makanchi Array 21.58 258 P P 06 03 25.9 +2.2
MKAR Makanchi Array 21.58 258 P P 06 03 26.0 +2.2
BVAR Borovoye Array 25.10 282 P P 06 03 59.5 +0.8
BRVK Borovoye 25.14 282 i P Pn 06 04 00.6 +1.5
BILL Biilbino 26.41 42 eP Pmax Pmax 06 04 09.3 -1.2
KIV Kislovodsk 45.32 286 eP P 06 06 51.4 -0.7
WRA Warramunga Arr 77.63 160 P P 06 10 30.9 +0.4
ASAR Alice Springs 81.19 161 P P 06 10 49.7 -0.1

MAN 04 05:58:50.4, 8.47N, 127.04E, h4km, mb4.4, ML3.3, MS3.1, Philippine Islands

BGR 04 06:52:13.7-0.0, 23.14S, 179.04W, h33km
IDC 04 06:53:09.6-1.0, 23.64S, 179.99W, h52km, 9km, mb4.1/2/3, mb1 4.2/26, mb1mx4.1/34, mbtmp5.0/26, Error ellipse: s-maj=13.2km s-min=12.8km az=127.0
NEIC 04 06:53:10.8-2.1, 23.75S, 0.1:179.92W, 0.1, h53km, 6km

mb4.7/82. Error ellipse: s-maj=16.3km s-min=13.8km
az=157.0
ISC 04 06:53:09.5,0.3,23.725,-0.05,179.93W,0.05,h532km,
n324,±190/353,mb4.7/83,42C-42D, Fault plane
solution: NP1:φ=195,06975°,δ=65,82938°,λ=4,49152°.
NP2:φ=75.22016°,δ=42,04118°,λ=142,30678°. Principal
axes: T P1g54.5549, Azm59.9807°, N P1g31.9989°,
Azm21.3556°, P P1g31.6278°, Azm310.0687°; South of
Fiji Islands

Table with columns: Code, Station Name, ΔT, AzP, Op, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: P, S, I, A, M, J, L, T, V, U, G, M, B, C, K, R, N, Q, Z, W, Y, X, H, F, D, E, G, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Lists seismic events with their respective magnitudes and station identifiers.

Table with columns: LTY, Liberty, 88.50, 36, P, I, Amb, P, 07 05 05.7 +0.5, 07 05 06.6. Lists seismic events with station names like XAN, MFID, SEY, TLIG, CMAR, etc.

4d 9h

Table with columns: WTY, Station Name, Azimuth, Elevation, P, S, Sn, Time, Res, ISC. Includes stations like Chenthua, Kuanminshan, Danshui, Fushou, Hehuan Shan, etc.

2015 OCT

Table with columns: WTK, Station Name, Azimuth, Elevation, P, S, Sn, Time, Res, ISC. Includes stations like Tuku, Minshuang, Longtian, Taoyuan, etc.

130

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Fray Jorge, Combarbal, El Pedregal, etc.

EAf 04 09:03:33.6: 14.0, 8.90N, 40.31E, hOkm, 72km
AAE 04 09:03:34.4: 3.0, 8.14N, 39.87E, hOkm, 164km, MD3.8
ISC 04 09:03:33.2: 1.3, 8.91N, 40.04: 40.11E, 0.04, hOkm, 111km, n15, e131/30, 1C, Ethiopia

IDC 04 09:06:36.4: 0.8, 30.79S, 71.54W, hOkm, mb4.0/0.8,

Table with columns: PTGA, Pitinga, 31.94 23 P, 09 13 02.5 -1.3, etc. Includes various station codes and coordinates.

Code Station Name Az Phase ID Time Res
MSVF Nonsavu 3.81 277 Op ISC h m s ISC
3.4nm,0.3s,baz=122,slow=7.4,SNR=4.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like MSVF, Nonsavu, Afi, etc.

Table with columns: K20K, Iamb, Iamb, 09 54 53.5, etc. Includes station codes like N25K, J20K, I21K, etc.

MEX 04 09:48:01.05:1.1,27.28N:111.22W, h16km,23km, MD3.7
ECX 04 09:48:02.1:0.7,27.51N:111.38W, h5km,19km, MD3.3

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

IDD 04 09:50:10.8:1.0,32.88S:178.19W, h0km, mb4.3/4,
mb1 4.5/7, mb1mx4.1/38, mbtmp4.4/7, ML4.0/3, MS4.1/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RAO, Raoul Island, etc.

Table with columns: AKASG, Malin Array Be, 153.11 320, PKPbc, PKPbc, 10 10 09.7 -0.1

IDD 04 10:07:41.0:1.3,36.03N:29.67E, h0km, mb3.8/5,
mb1 3.8/11, mb1mx3.6/55, mbtmp3.7/11, ML3.6/6, MS3.0/5

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

IDD 04 09:50:12.4:0.7,32.91S:178.3W,0.1, h10km,n45,
e067/45, mb4.5/12, MS4.7/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RAO, Raoul Island, etc.

4d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEKE, KONT, KBBE, etc.

KRSC 04 10:08:12.6; 1.0, 5.3; 95N; 161.20E; h47km; 21km, ML4.0
IDD 04 10:08:17.9; 2.8, 5.4; 22N; 160.75E; h75km; 25km, mb3.3/9,
mb1 3.5/10, mb1mx3.2/6, mb1mx3.6/10, MSJ3.8/2,
Ms1 3.9/2, ms1mx1.8/3.4, Error ellipse: s-maj=29.7km
s-min=20.3km az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KII, KIL, SPN, etc.

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

ISC 04 10:11:56.3; 0.6, 30.66S; 0.03; 71.75W; 0.04, h34km; 1km,
h35km; pP, n514, r1951/562, mb5.1/72, MS4.5/19,
17C-10D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO06, CO06, CO06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA05, MT09, MT01, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MALS, MALB, MCMC01, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PBMO, U40A, M40X, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like D62A, EROS Data Cent, HEC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARMA Armadale, EIDS Eidsvoll, CAN Canberra, etc.

PDG 04 11:44:09.5,0.2,43.18N,19.84E,h10km,MD2/6.1,ML2.5/1.4,Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

BEO 04 11:44:10.0,0.2,43.19N,19.85E,h8km,ML2.6/1.2,RHSO 04 11:44:10.0,0.2,43.19N,19.76E,h8km,ML2.6/1.2

ISC 04 11:44:08.9,0.9,43.16N,0.01,19.86E,0.01,h8km,7km,n69,+1505/124,19C-16D,Northwestern Balkan

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

ISC 04 11:02:15.7,7.4,7.86S,-153.83E,h0km,mb3.4/3,mb1.3/6,mb1mx3.4/3,mbtmp3.5/3,Error ellipse: s-maj=221.8km s-min=41.6km az=114.0,New Britain

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

NEIC 04 11:35:17.4,1.6,37.20N,0.03,97.85W,0.03,h9km,5km, Error ellipse: s-maj=45.5km s-min=2.1km az=137.0, Kansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T35A Sooner Cattle, R32A Long Quarter, etc.

ISC 04 11:36:03.4,1.8,3.71N,-125.32E,h0km,mb3.5/4,mb1.3/4,mb1mx3.5/36,mbtmp3.5/4,MS3.9/1,Ms1.3.9/1,ms1mx2.8/28,Error ellipse: s-maj=117.1km s-min=323.7km az=68.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

PDG 04 11:44:09.5,0.2,43.18N,19.84E,h10km,MD2/6.1,ML2.5/1.4,Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

BEO 04 11:44:10.0,0.2,43.19N,19.85E,h8km,ML2.6/1.2,RHSO 04 11:44:10.0,0.2,43.19N,19.76E,h8km,ML2.6/1.2

ISC 04 11:44:08.9,0.9,43.16N,0.01,19.86E,0.01,h8km,7km,n69,+1505/124,19C-16D,Northwestern Balkan

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

ISC 04 12:07:32.7,3.1,32.39S,-178.37W,h0km,mb3.9/2,mb1.4/1.3,mb1mx3.7/36,mbtmp3.8/3,ML3.2/1,Error ellipse: s-maj=71.4km s-min=45.3km az=123.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FINES Finess Array B.

ISC 04 12:16:30.4,2.1,30.56S,71.94W,h0km,mb3.9/1,mb1.3/6,mb1mx3.6/23,mbtmp3.8/4,ML3.4/3,MS2.7/3,Ms1.2.7/3,ms1mx2.7/20,Error ellipse: s-maj=140.6km s-min=31.3km az=102.0

NEIC 04 12:16:35.3,1.5,30.40S,0.02,71.7W,0.2,h26km,8km, Error ellipse: s-maj=19.4km s-min=2.9km az=93.0

GUC 04 12:16:36.2,0.6,30.45S,71.60W,h29km,4km,ML4.0, ISC 04 12:16:35.6,1.0,30.43S,0.04,71.66W,0.07,h28km,7km,n40,+096/36,mb4.0/3,1C-3D,Near coast of central Chile

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

TEH 04 12:26:24.7,30.75N,-48.30E,h11km,ML3.1, KISR 04 12:26:24.2,0.5,30.68N,-48.38E,h7km,4km,ML3.2, ISC 04 12:26:25.0,1.0,30.64N,-48.04E,h18km,10km,ML3.3

ISC 04 12:26:26.1,7.1,30.79N,0.04,48.28E,0.04,h19km,4km,n27,+1909/35,Iran-Iraq border region

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

4d 13h

Table with columns: IALM, HAGD, BHD, KSHD, KRSH, IRAB, ISFB, QABG, ANAR. Rows include station names and coordinates.

IDC 04 12:55:45.0, 0.6, 27.60N, 143.13E, h0km, mb4.0/22, mb1.4/2.25, mb1mx4.1/4.5, mbtmp4.1/2.5, ML3.3, MS3.3/9, Ms1.3/4.9, ms1mx3.1/3.9, Error ellipse: s-maj=17.5km s-min=13.4km az=19.0

BUJ 04 12:55:46.0, 0.0, 27.60N, 143.10E, h20km, mb5.0/23, mb4.6/36, Ms4.3/9, Ms7.3/9.9

JMA 04 12:55:46.6, 27.84N, 143.07E, h10km, M4.6 NIED 04 12:55:46.7, 27.84N, 143.07E, h10km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn:2.31; M0:0.10; M00:2.41; M01:0.13; M02:0.06; M03:0.53; Fault plane solution: Mo:2.42000x10^15 NPT:0.200000, 0.51.00000, 1.94.00000. NP2:0.175.00000, 0.39.00000, 7.84.00000

MOS 04 12:55:47.5, 1.0, 27.63N, 143.08E, h26km, mb4.7/21 Error ellipse: s-maj=16.1km s-min=6.0km az=109.2

NEIC 04 12:55:50.8, 1.2, 27.63N, 143.08E, h1.0, 1.1, h30km, 5km, mb4.7/41, Error ellipse: s-maj=16.7km s-min=9.6km az=113.0

ISC 04 12:55:49.8, 0.5, 27.68N, 143.11E, 0.07, h27km, n154, 0168/162, mb4.5/60, MS3.5/8, 11C-2D, Bonin Islands region

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CBUJ, CJJ, JHU, etc.

2015 OCT

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like GTA, WBO, WRW, etc.

136

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like EPHY, CHGR, INK, etc.

IDC 04 13:43:40.5, 10.0, 27.37S, 178.76W, h400km, mb4.1, mb2.7/2.1, mb1mx3.1/3.3, mbtmp3.8/3.0, Error ellipse: s-maj=88.3km s-min=49.6km az=20.0, Kermadec Islands region

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

VAO 04 13:47:29.0, 4.0, 23.83S, 66.84W, h209km, mb4.1 IDC 04 13:47:30.4, 1.1, 23.77S, 66.60W, h195km, mb3.5/5, mb1.3/6.1, mb1mx3.5/3.1, mbtmp4.0/1.1, Error ellipse: s-maj=16.1km s-min=13.4km az=167.0

NEIC 04 13:47:30.4, 2.3, 23.88S, 67.07W, 0.10, h200km, 7km, mb4.3/10, Error ellipse: s-maj=12.7km s-min=9.8km

GUC 04 13:47:32.0, 4.0, 23.77S, 67.14W, h246km, 8km, ML4.5 ISC 04 13:47:29.0, 6.2, 23.85S, 67.05W, h203km, 7km, n128, 0124/141, mb4.0/6, 9C-1D, Jujuy Province

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AF01, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like G003, PSCGX, AC04, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CCIG, Comitan, CCG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DOT, Dot Lake, PAX, etc.

IDC 04 13:50:10.1±1.3, 14:35N-92:41W, h0km, mb4.07, mb1.4/1.0, mb1mx3.9/3.6, mbtmp3.9/10, ML3.7/3, MS3.1/4, Ms1.3/1.4, ms1mx2.7/33, Error ellipse: s-maj=7.1, 1km s-min=15.6km az=7.0

GCG 04 13:50:10.9±0.8, 13:76N-92:77W, h19km, 999km, MD4.1 MEX 04 13:50:11.5±0.8, 13:99N-92:73W, h67km, 37km, MD4.3 NEIC 04 13:50:15.5±2.4, 14:22N-106:92:69W, 0.05, h34km, 6km, mb4.3/54, Md4.3/22(MEX), Error ellipse: s-maj=8.6km s-min=6.9km az=200.0

SNET 04 13:50:17.0±0.9, 14:26N-92:35W, h19km, 105km, ML3.2 ISC 04 13:50:13.6±1.7, 14:23N-106:92:67W, 0.05, h26km, 12km, n122, s121/132, mb4.3/32, MS3.1/3, Near coast of Chiapas

NNC 04 14:07:50.2±2.1, 37:70N-78:18E, h0km, mb3.8, mpv3.5, 4C-3D, Error ellipse: s-maj=15.3km s-min=13.4km az=32.0, Southern Xinjiang

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

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

ROSC	comp=Z,148nm,0.8s	EI Rosal	21.06 354	P	I	14 55 09.9	-1.5
ROSC				I	I	14 55 15.9	
ROSC	comp=Z,148nm,0.8s	EI Rosal	21.06 354	eP	P	14 55 14.2	+2.8
GUIZC		Guayana, Caidas	21.07 351	eP	P	14 55 18.8	+1.9
BOAV		Boa Vista	21.75 33	eP	P	14 55 18.7	+0.4
NORC		Norcasia	21.84 352	eP	P	14 55 20.2	+0.8
SPBC		San Pablo de B	21.84 355	eP	P	14 55 13.5	-5.9
RUSC		La Rusia	22.01 357	eP	P	14 55 20.3	-1.3
RUSC		La Rusia	22.01 357	eP	P	14 55 20.2	-1.3
MALPE		Malpeo	22.21 334	eP	P	14 55 24.4	+1.1
CBOC		Ciudad Bolivar	22.31 350	eP	P	14 55 24.5	0.0
FRFB		Farfara	22.31 112	eP	P	14 55 23.9	0.0
TAMC		Tame, Arauca	22.53 1	eP	P	14 55 23.1	-3.6
HELCO		Santa Helena	22.55 351	eP	P	14 55 23.3	-0.9
LC01		Cunco	22.57 180	eP	P	14 55 26.0	-1.0
MALB		Monte Alegre	22.63 53	eP	P	14 55 27.3	-0.4
PLTB		Pedras Altas	22.82 136	eP	P	14 55 28.5	-1.1
PLTB		Pedras Altas	22.82 136	eP	P	14 55 29.0	-0.6
IPMB		Ipameri, GO	22.87 98	eP	P	14 55 29.6	-0.6
SOLC		Bahia Solano	22.94 346	eP	P	14 55 31.7	+0.9
BDFB		Brasilia	23.12 92	eP	P	14 55 32.9	-0.1
BDFB	comp=Z,68nm,0.4s,baz=259,slow=10,SNR=18	LR				15 06 08.4	
BDFB	comp=Z,277nm,19.9s,baz=301,slow=40	BR	23.14 92	eP	P	14 55 32.4	-0.5
BDFB				pm	pm		
BDFB	comp=Z,160nm,1.0s	BR	23.14 92	eP	P	14 55 32.4	-0.5
BDFB				I	I	14 55 35.6	
ELOV	comp=Z,160nm,1.0s	Elorza	23.23 7	eP	P	14 55 32.5	-1.2
BRRC		Barranca, Sant	23.25 356	eP	P	14 55 32.4	-1.4
TJ01		Guarua-PR	23.35 117	eP	P	14 55 36.7	+1.9
PEBK		Peixe	23.40 83	eP	P	14 55 35.2	-0.2
CNLB		Canela	23.45 127	eP	P	14 55 37.7	0.0
PDXB		Dabeiba	23.47 350	eP	P	14 55 36.9	+1.0
TROA		Tornquist	23.48 160	eP	P	14 55 35.2	-0.6
TROA	comp=Z,73nm,1.3s					14 55 35.2	-0.6
TROA		Tornquist	23.48 160	eP	P	14 55 35.2	-0.6
TROA		Tornquist	23.48 160	eP	P	14 55 35.2	-0.6
PAYG		Puerto Ayora	23.70 309	eP	P	14 55 37.6	-0.3
ZARC		Zaragoza, Cauc	23.74 353	eP	P	14 55 37.8	-0.5
PTAC		Punta Arditia,	23.92 346	eP	P	14 55 41.3	+1.4
RCLB		Rio Claro- Sao	23.94 109	eP	P	14 55 40.9	+0.3
PRPB		Parauapebas	23.99 58	eP	P	14 55 43.9	+1.7
UREC		San Jos de Ur	24.08 352	eP	P	14 55 36.3	-5.0
SPB		Sao Paulo	24.27 111	eP	P	14 55 41.9	-1.1
SPB	comp=Z,169nm,0.9s			I	I	14 55 46.9	
SPB		Sao Paulo	24.27 111	eP	P	14 55 43.5	+0.6
OCAC		Ocana	24.35 357	eP	P	14 55 43.2	-0.8
SOCV		Socops	24.40 3	eP	P	14 55 43.3	-0.9
TER01		Tubaro-SC	24.43 124	eP	P	14 55 44.9	+0.5
PLCA		Paso Flores	24.44 177	eP	P	14 55 44.5	0.0
PLCA	comp=Z,21nm,1.1s,baz=351,slow=10,SNR=12	LR				15 05 55.8	
PLCA	comp=Z,116nm,21.0s,baz=346,slow=38	LR				14 55 44.5	0.0
PLCA		Paso Flores	24.44 177	eP	P	14 55 44.9	+0.5
VALV		Valinhos	24.56 110	eP	P	14 55 46.3	+0.5
PET01		Ithanhem-SP	24.57 113	eP	P	14 55 46.4	+0.6
LL04		Puerto Octay	24.58 181	eP	P	14 55 44.6	-1.1
SMLC		San Martin de	24.96 355	eP	P	14 55 47.9	-1.4
SMTB		Santa Maria do	24.98 76	eP	P	14 55 50.5	+0.9
SDV	comp=Z,63nm,1.0s,baz=226,slow=8,SNR=40	Santo Domingo	25.00 3	eP	P	14 55 49.1	-0.8
SDV		Santo Domingo	25.00 3	eP	P	14 55 49.2	-0.8
SDV		Santo Domingo	25.00 3	eP	P	14 55 51.0	+1.1
SDV		Santo Domingo	25.00 3	eP	P	14 55 49.6	-0.3
AZUJ		Azuro	25.22 241	eP	P	14 55 53.1	+1.5
CAPC		Capurgana	25.26 348	eP	P	14 55 53.9	+1.7
MCPB		Macapa, AP	25.27 53	eP	P	14 55 53.1	+0.9
CAP2		Capurgana	25.28 348	eP	P	14 55 53.3	+1.1
CAP2				I	I	14 55 58.2	
LCBC	comp=Z,390nm,1.2s	Los Cabos,	25.30 350	eP	P	14 55 56.5	-4.2
GMAL		Guaramil, Vera	25.32 359	eP	P	14 55 56.4	+2.1
LL2C		La Loma 2 Cana	25.66 357	eP	P	14 55 53.8	-1.9
PARB		Parabuna	25.84 110	eP	P	14 55 58.0	+0.6
PNME		Penonome	25.89 341	eP	P	14 55 56.7	-1.1
ARGC		Arguani, Magd	26.02 355	eP	P	14 55 59.1	+0.2
UPA		Univ. de Panam	26.12 343	eP	P	14 55 59.1	+1.3
SJCC		San Jacinto, C	26.15 353	eP	P	14 55 59.0	-1.2
SJCC				I	I	14 56 02.4	
SJCC	comp=Z,306nm,1.1s	San Jacinto, C	26.15 353	eP	P	14 56 00.4	+0.3
BCIP		Isla Barro Col	26.39 343	eP	P	14 56 02.7	+0.5
BCIP				pm	pm		
BCIP	comp=Z,72nm,1.1s	Isla Barro Col	26.39 343	eP	P	14 56 02.7	+0.5
BCIP		Isla Barro Col	26.39 343	eP	P	14 56 03.0	+0.8
SDBA		SAO DESIDERIO	26.59 85	eP	P	14 56 04.9	+0.2
JANB		Januarja	26.75 91	eP	P	14 56 05.8	+0.2
ESAR		Angra dos Reis	26.86 109	eP	P	14 56 07.5	+1.1
CDITO		Canoas	26.87 336	eP	P	14 56 07.6	+1.0
CDITO				I	I	14 56 10.0	
BRU2	comp=Z,207nm,1.3s	Volcan	27.00 336	eP	P	14 56 10.0	+2.1
CRUC		Correjon, Guaj	27.10 358	eP	P	14 56 07.5	-1.2
DIAM		Diamantina, MG	27.18 98	eP	P	14 56 10.4	+0.8
PCRV		Puerto La Cruz	27.26 16	eP	P	14 56 09.9	-0.6
MAN01	comp=Z,77nm,0.9s,baz=255,slow=3,SNR=3.8	Angra dos Reis	27.26 108	eP	P	14 56 10.0	+0.5
TMAB		Tom-Au,PA,Br	27.33 62	eP	P	14 56 12.2	+1.4
DRKO		Durika	27.35 336	eP	P	14 56 14.4	+0.7
DRKO				I	I	14 56 17.0	
VAS01	comp=Z,140nm,1.4s	Vassouras-RJ	27.66 107	eP	P	14 56 14.6	+0.9
SRBA		San Rafael, Bu	27.67 335	eP	P	14 56 14.8	+1.0
SRBA				I	I	14 56 16.9	
RIMA	comp=Z,132nm,1.4s	Rio Macho	28.35 335	eP	P	14 56 21.0	+0.9
BATAN		Batan	28.48 336	eP	P	14 56 22.3	+1.6
BATAN				I	I	14 56 24.2	
JACO	comp=Z,111nm,0.9s	JACO, Garabito	28.59 333	eP	P	14 56 23.5	+1.5
JACO				I	I	14 56 25.1	
DUB01	comp=Z,182nm,1.4s	Friburgo-RJ	28.62 106	eP	P	14 56 23.5	+1.3
MDP		Montagnes des	28.62 44	eP	P	14 56 22.0	-0.2
MDP	comp=Z,7.9nm,0.6s,baz=226,slow=9,SNR=16					15 09 15.4	
CAO2	comp=Z,599nm,19.6s,baz=234,slow=39	Cobano, Puntar	28.81 333	eP	P	14 56 24.6	+0.7
CAO2				I	I	14 56 26.9	
CAMO	comp=Z,112nm,1.2s	Camp-RJ	29.25 106	eP	P	14 56 28.7	+0.9
JTS		Las Juntas de	29.28 333	eP	P	14 56 27.5	-0.5
JTS	comp=Z,34nm,1.0s,baz=192,slow=1.6,SNR=17	Las Juntas de	29.28 333	eP	P	14 56 29.4	+1.3
JTS				pm	pm		
JTS	comp=Z,72nm,1.3s			MLR	MLR		
JTS	comp=Z,377nm,17.0s	Las Juntas de	29.28 333	eP	P	14 56 28.4	+0.3
COVE		Coope Vega, Sa	29.43 335	eP	P	14 56 30.4	+1.0
COVE				I	I	14 56 32.5	
SJMB	comp=Z,180nm,1.2s	Sao Joao De I	29.55 99	eP	P	14 56 31.1	+0.7
TOSP		Speyside	29.65 23	eP	P	14 56 32.0	+0.8
ESFB		Barra de Sao F	29.67 303	eP	P	14 56 34.0	+1.1
HZTE		Horizontes, Gu	29.94 333	eP	P	14 56 34.3	+0.4
GRGR		Grenville	30.02 21	eP	P	14 56 35.0	+0.4
GRGR				I	I	14 56 39.7	
ALF01	comp=Z,179nm,1.1s	Guarapari-ES	30.03 103	eP	P	14 56 35.9	+1.2
RIB01		Linhares ES	30.03 101	eP	P	14 56 37.7	+0.4
PRVC		Isla de Provid	30.83 342	eP	P	14 56 42.7	+1.0
PRVC		Isla de Provid	30.83 342	eP	P	14 56 43.2	+1.5
ACON0		Acocaya	30.88 334	eP	P	14 56 43.0	+0.9
GUA01		Guaratinga, BA	30.94 95	eP	P	14 56 43.7	+1.0
CMC01		Camacan, BA	31.32 84	eP	P	14 56 46.8	+0.7
NBPN		Ponto Novo- B	31.42 84	eP	P	14 56 48.8	-0.3
NBIT		Itapeh - BA	31.52 92	eP	P	14 56 48.4	+1.1
GDU01		Guandu, BA	31.47 90	eP	P	14 56 47.8	+0.3
MATN		Matagalpa	32.06 334	eP	P	14 56 51.6	-1.0
NBPS		Pedro II - PI	32.29 72	eP	P	14 56 55.1	+0.3
BIM		Bigot	32.44 20	eP	P	14 56 55.4	0.0
BIM				I	I	14 57 24.3	

MPOM	comp=Z,49nm,0.9s	Morre Poes Mar	32.44 21	P	I	14 56 56.1	+0.3
MPOM				I	I	14 56 57.3	
ILAM	comp=Z,96nm,1.4s	Ilet Lapin Mar	32.74 20	P	P	14 56 58.1	-0.3
ILAM				I	I	14 56 59.9	
NBPP	comp=Z,115nm,1.2s	Pedra_Branca-C	33.57 75	eP	P	14 57 06.3	+0.4
TGUH		Tegucigalpa,	33.64 333	eP	P	14 57 04.9	-1.6
TGUH				I	I	14 57 08.3	
TGUH	comp=Z,104nm,1.0s	Tegucigalpa,Un	33.64 333	eP	P	14 57 06.9	+0.4
NBLA		Laigarto - SE	33.70 86	eP	P	14 57 07.0	+0.1
NBMA		Muriti-CE	33.73 79	eP	P	14 57 07.6	+0.4
NBMO		Morinhos-CE	34.01 71	eP	P	14 57 10.0	+0.4
JAKH		Jacmel	34.26 359	eP	P	14 57 10.1	-1.5
JAKH				I	I	14 57 12.8	
MLPR	comp=Z,76nm,1.2s	Magueyes Islan	34.35 8	P	P	14 57 11.6	-0.9
MLPR				I	I	14 57 12.8	
MLPR	comp=Z,70nm,1.1s	San Juan	34.63 10	P	P	14 57 14.4	-0.4
SJG		San Juan	34.63 10	P	P	14 57 14.4	-0.4
SJG	comp=Z,10nm,0.7s,baz=136,slow=7,3,SNR=2.6	Mount Denham	34.67 351	eP	P	14 57 16.4	+1.1
MTDJ				I	I	14 57 17.4	
MTDJ	comp=Z,100nm,1.2s	Guaynabo City	34.83 10	P	P	14 57 17.9	+1.3
MTDJ		Montecristo	34.91 330	P	P	14 57 17.6	+0.1
MTDJ				I	I	14 57 19.8	
CUPR	comp=Z,113nm,1.3s	Culebra, Puerto	34.98 11	P	P	14 57 17.1	-0.7
ESQI		Esquipulas	35.04 330	P	P	14 57 17.7	-0.8
ESQI				I	I	14 57 20.6	
SMRT	comp=Z,79nm,1.1s	St. Maarten	35.21 15	P	P	14 57 18.3	-1.5
SMRT				I	I	14 57 26.0	
NBCL	comp=Z,49nm,0.8s	Cascavel-CE	35.25 74	eP	P	14 57 21.3	+0.9
NBCL		Anadia - AL	35.45 84	eP	P	14 57 22.1	0.0
NBCL		Livramento - P	35.47 80	eP	P	14 57 22.2	+0.9
FSCY		Frank Sound, G	36.45 345	P	P	14 57 31.4	+1.0
LCCY		Blossom Villag	36.54 347	P	P	14 57 32.0	+0.8
CBCY		The Bluff, Cay	36.54 348	P	P	14 57 32.3	+1.1
NBRF		Rio Formoso - R	36.80 83	eP	P	14 57 34.5	+0.9
RCBR		Riachuelo	36.91 7				

4d 14h

TXAR	comp=Z,44nm,1.2s Lajitas Array	54.62 326	P	P	14 59 53.4	-0.4
TXAR	comp=Z,2.1nm,1.1s,baz=148,slow=7.3,SNR=69					
TXAR	comp=Z,2.4nm,0.9s,baz=138,slow=6.6,SNR=2.1					
TXAR	Lajitas Array	54.62 326	P	P	14 59 52.8	-1.0
UTMT	University of	54.65 343	P	P	14 59 52.7	-1.0
SS1A	Beattyville	54.68 349	P	P	14 59 52.9	-1.0
SS1A					14 59 54.2	
GLAT	comp=Z,46nm,1.0s Glass	54.70 343	P	P	14 59 53.2	-0.9
WHAR	Woolly Hollow	54.72 340	P	P	14 59 53.0	-1.2
WHAR					14 59 54.9	
R55A	comp=Z,93nm,1.0s Marlinton	54.76 352	P	P	14 59 54.5	-0.1
R55A					14 59 56.5	
T47A	comp=Z,99nm,1.3s Sharon Grove	54.81 345	P	P	14 59 52.8	-2.1
T47A					14 59 55.1	
Z35A	comp=Z,138nm,1.3s Perchaven, San Hickman	54.85 334	P	P	14 59 55.0	-0.2
HICK	Hickman	54.94 343	P	P	14 59 54.7	-1.1
PVMO	Portageville	54.96 343	P	P	14 59 54.6	-1.3
PEHMO	Penman	54.97 343	P	P	14 59 54.5	+0.6
R53A	Hurricane	55.07 351	P	P	14 59 55.7	-1.0
R53A					14 59 57.5	
LCAR	comp=Z,56nm,1.1s Lake Charles	55.07 341	P	P	14 59 55.7	-1.0
LCAR					14 59 56.9	
W39A	comp=Z,72nm,1.0s Magazine	55.15 338	P	P	14 59 56.8	-0.5
W39A		55.15 338	P	P	14 59 57.7	+0.4
X37A	comp=Z,55nm,1.0s Clayton	55.19 337	P	P	14 59 57.1	-0.6
PARMO	Parma	55.20 343	P	P	14 59 56.9	-0.8
FCAR	Ozark Folk Cen	55.21 340	P	P	14 59 56.6	-1.2
FCAR					14 59 58.0	
ABTX	comp=Z,56nm,0.9s Ablene, Hawle	55.29 332	P	P	14 59 57.8	-0.7
ABTX		55.29 332	P	P	14 59 58.5	+0.1
R50A	comp=Z,103nm,1.1s Paris	55.44 348	P	P	14 59 58.4	-1.0
R50A					14 59 59.9	
PBMO	comp=Z,103nm,1.1s Poplar Bluff	55.51 342	P	P	14 59 58.5	-1.3
SDMD	Soldier's Deli	55.54 356	P	P	15 00 01.0	0.0
Q54A	Coxs Mills	55.54 352	P	P	15 00 01.0	-1.1
Q54A					15 00 01.0	
R49A	comp=Z,77nm,1.1s Shelbyville	55.62 348	P	P	14 59 59.6	-1.0
R49A					15 00 00.9	
Q52A	comp=Z,70nm,1.1s Bidwell	55.73 350	P	P	15 00 00.5	-1.0
Q52A					15 00 02.1	
WCI	comp=Z,54nm,1.0s Wyandotte Cave	55.80 346	P	P	15 00 00.6	-1.4
WCI						
WCI	comp=Z,153nm,1.0s Wyandotte Cave	55.80 346	P	P	15 00 00.6	-1.4
WCI					15 00 00.9	-1.0
P60A	comp=Z,47nm,0.9s Greenville	55.86 357	P	P	15 00 02.1	-0.2
P60A					15 00 03.7	
P60A	comp=Z,47nm,0.9s Greenville	55.86 357	P	P	15 00 02.8	+0.4
P60A					15 00 02.8	
USIN	comp=Z,47nm,0.9s University of	55.87 345	P	P	15 00 01.1	-1.4
U40A	Yellowville	55.88 340	P	P	15 00 00.9	-1.7
U40A					15 00 03.1	
U40A	comp=Z,78nm,0.8s Yellowville	55.88 340	P	P	15 00 02.1	-0.5
U40A						
T42A	comp=Z,156,SNR=38 Van Buren	55.94 342	P	P	15 00 01.4	-1.5
T42A					15 00 02.8	
WUPA	comp=Z,48nm,0.9s West Chester U	55.98 357	P	P	15 00 02.5	-0.6
Q51A	Peebles	55.98 349	P	P	15 00 01.6	-1.6
Q51A					15 00 03.6	
S44A	comp=Z,60nm,1.1s Carbondale	56.03 344	P	P	15 00 02.4	-1.2
SIUC	Southern Illin	56.04 344	P	P	15 00 02.5	-1.2
MCWV	Mont Chateauf	56.08 353	P	P	15 00 04.2	+0.2
MCWV					15 00 05.5	
MCWV	comp=Z,74nm,1.0s Mont Chateau	56.08 353	P	P	15 00 04.6	+0.7
MCWV					15 00 07.7	
MVL	comp=Z,69nm,1.1s Millersville	56.09 356	P	P	15 00 04.3	+0.4
MVL					15 00 05.9	
P53A	comp=Z,69nm,1.1s Whipple	56.12 351	P	P	15 00 03.9	-0.3
HHAR	Hobbs	56.18 339	P	P	15 00 03.7	-1.1
X34A	Smith Ranch, M	56.18 334	P	P	15 00 04.3	-0.5
P52A	Corning	56.37 351	P	P	15 00 05.0	-1.0
P52A					15 00 06.4	
P52A	comp=Z,64nm,0.9s Corning	56.37 351	P	P	15 00 05.3	-0.7
P52A						
P51A	comp=Z,168,SNR=7.2 Williamsport	56.37 350	P	P	15 00 04.6	-1.4
P51A					15 00 06.2	
MGMO	comp=Z,74nm,1.0s Mountain Grove	56.42 341	P	P	15 00 05.0	-1.5
U38A	Gravette	56.48 338	P	P	15 00 06.1	-0.7
U38A					15 00 07.6	
TUL1	comp=Z,48nm,1.1s Leonard	56.52 337	P	P	15 00 06.5	-0.6
TUL1					15 00 07.0	-0.1
O56A	comp=Z,94nm,0.9s Blue Knob Stat	56.54 354	P	P	15 00 07.5	+0.2
O56A					15 00 09.3	
O56A	comp=Z,94nm,0.9s Blue Knob Stat	56.54 354	P	P	15 00 08.1	+0.9
O56A						
FNO	comp=Z,173,SNR=12 Frankfort	56.58 335	P	P	15 00 06.7	-0.8
FVM	French Village	56.63 343	P	P	15 00 06.7	-1.2
FVM						
FVM	comp=Z,109nm,0.9s French Village	56.63 343	P	P	15 00 06.7	-1.2
FVM						
O54A	comp=Z,96nm,1.1s Avelia	56.63 352	P	P	15 00 07.4	-0.7
O54A					15 00 08.5	
WMOK	comp=Z,47nm,1.1s Wichita Mounta	56.70 334	P	P	15 00 07.2	-1.3
WMOK						
WMOK	comp=Z,29nm,1.0s Wichita Mounta	56.70 334	P	P	15 00 07.2	-1.3
WMOK					15 00 09.9	
WMOK	comp=Z,29nm,1.0s Wichita Mounta	56.70 334	P	P	15 00 07.7	-0.8
WMOK						
OLIL	comp=Z,47nm,1.1s Olney	56.71 345	P	P	15 00 07.0	-1.4
OLIL					15 00 08.3	
OKSW	comp=Z,72nm,1.0s OKLAHOMA CITY	56.72 335	P	P	15 00 07.8	-0.8
P49A	Miami Univ, Ec	56.73 348	P	P	15 00 06.9	-1.7
P49A					15 00 08.4	
P49A	comp=Z,96nm,1.0s Miami Univ, Ec	56.73 348	P	P	15 00 07.5	-1.1
P49A						
OKCFA	comp=Z,186,SNR=18 Oklahoma City	56.73 335	P	P	15 00 08.1	-0.6
BLO	Bloomington	56.76 347	P	P	15 00 07.4	-1.3
BLO						
BLO	comp=Z,198nm,1.5s Bloomington	56.76 347	P	P	15 00 07.4	-1.3
BLO					15 00 10.9	+1.9
H10N2	comp=Z,254,slow=5.9,SNR=5.0 ASCENSION HYDR66	77 89	P	P	15 00 11.1	+1.9
H10N1	comp=Z,254,slow=5.9,SNR=6.2 ASCENSION HYDR66	78 89	P	P	15 00 11.1	+2.0
O52A	comp=Z,85nm,1.1s Adamsville	56.80 351	P	P	15 00 07.5	-1.6
O52A					15 00 09.6	
P48A	comp=Z,79nm,1.1s Milroy	56.80 348	P	P	15 00 07.1	-1.9
P48A					15 00 08.6	
O53A	comp=Z,85nm,1.1s New Philadelphia	56.84 352	P	P	15 00 08.3	-1.0
O53A					15 00 10.2	
O53A	comp=Z,85nm,1.1s New Philadelphia	56.84 352	P	P	15 00 09.3	-0.1
O53A						
SSPA	comp=Z,148nm,1.4s Standing Stone	56.84 355	P	P	15 00 10.9	+0.3
SSPA					15 00 11.3	
SSPA	comp=Z,148nm,1.4s Standing Stone	56.84 355	P	P	15 00 10.1	+0.8
SSPA						
ASCN	comp=Z,52nm,1.4s Ascension	56.88 89	P	P	15 00 10.7	+0.5

CCM	Cathedral Cave	56.93 342	P	P	15 00 08.2	-1.8
CCM						
CCM	comp=Z,74nm,1.1s Cathedral Cave	56.93 342	P	P	15 00 08.2	-1.8
CCM					15 00 10.3	
CCM	comp=Z,74nm,1.1s Cathedral Cave	56.93 342	P	P	15 00 08.9	-1.1
CCM						
N58A	comp=Z,91nm,1.1s Sunbury	56.95 356	P	P	15 00 10.1	+0.1
N58A					15 00 12.0	
N59A	comp=Z,50nm,1.5s State Game Lan	56.97 357	P	P	15 00 10.9	+0.7
N59A					15 00 36.1	
N59A	comp=Z,50nm,1.5s State Game Lan	56.97 357	P	P	15 00 10.6	+0.3
N59A						
PAL	comp=Z,178,SNR=21 Palisades	56.98 358	P	P	15 00 11.2	+1.0
PAL						
ODNJ	comp=Z,50nm,1.1s Ogdensburg	57.08 358	P	P	15 00 10.4	-0.5
ODNJ					15 00 13.3	
ACSO	comp=Z,40nm,1.2s Alum Creek Sta	57.09 350	P	P	15 00 10.1	-1.0
ACSO		57.09 350	P	P	15 00 10.7	-0.4
Q44A	comp=Z,80nm,1.0s Meyer Farm, Va	57.10 344	P	P	15 00 08.7	-2.5
TRNY	Table Rock, Ra	57.13 358	P	P	15 00 11.8	+0.4
TRNY					15 00 12.8	
WSPT	comp=Z,50nm,1.1s Westport, CT	57.13 359	P	P	15 00 10.7	-0.6
WSPT					15 00 12.6	
SLM	comp=Z,94nm,1.0s Saint Louis	57.18 343	P	P	15 00 10.6	-1.1
SLM						
SLM	comp=Z,85nm,0.9s Saint Louis	57.18 343	P	P	15 00 10.6	-1.1
SLM					15 00 12.0	
S39A	comp=Z,85nm,0.8s Bolivar	57.25 340	P	P	15 00 10.9	-1.3
S39A					15 00 12.7	
O49A	comp=Z,88nm,0.8s Covington	57.29 349	P	P	15 00 11.0	-1.5
O49A					15 00 12.5	
N53A	comp=Z,80nm,1.0s Lisbon	57.34 352	P	P	15 00 12.1	-0.8
N53A					15 00 13.8	
P46A	comp=Z,65nm,1.0s Rosedale	57.34 346	P	P	15 00 10.9	-1.9
P46A					15 00 12.6	
N54A	comp=Z,112nm,1.1s Moraine State	57.38 353	P	P	15 00 12.8	-0.4
N54A		57.38 353	P	P	15 00 13.4	+0.2
MNTX	comp=Z,121,SNR=13 Cornudas Mount	57.39 326	P	P	15 00 12.0	-1.4
MNTX					15 00 13.9	
MNTX	comp=Z,62nm,1.3s Cornudas Mount	57.39 326	P	P	15 00 12.6	-0.8
MNTX						
R40A	comp=Z,141,SNR=41 Maddies Statio	57.46 341	P	P	15 00 12.5	-1.3
R40A		</				

G45A G45A	Suttons Bay	62.23 349	P	P	15 00 44.4 -1.9
comp=Z,56nm,0.8s					
BGNE Belgrade	62.23 338	P	P	15 00 45.8 -0.7	
BGNE Belgrade	62.23 338	P	P	15 00 46.6 +0.1	
baz=152,SNR=19					
W18A W18A	Petrified Fore	62.34 326	P	P	15 00 46.3 -1.2
comp=Z,95nm,1.5s					
W18A Petrified Fore	62.34 326	P	P	15 00 48.0 +0.5	
baz=139					
MBO M/Bour	62.37 64	P	P	15 00 48.2 +0.4	
E62A E62A	Clayton Lake	62.61 2	P	P	15 00 49.2 +0.4
comp=Z,58nm,0.9s					
PQI Presque Isle	62.72 3	P	P	15 00 50.3 +0.7	
PQI				15 00 51.5	
comp=Z,53nm,1.1s					
X16A X16A	Lo Mia Camp, P	62.77 324	P	P	15 00 49.9 -0.5
comp=Z,39nm,1.1s					
S22A 4UR Ranch, Cre	62.86 329	P	P	15 00 51.4 +0.4	
baz=142,SNR=25					
113A Mohawk Valley,	62.96 321	P	P	15 00 50.7 -0.8	
Q24A Divide	63.03 331	P	P	15 00 52.6 +0.4	
baz=144,SNR=23					
I37A I37A	Lemond, Waseca	63.05 343	P	P	15 00 50.4 -1.4
comp=Z,57nm,0.9s					
D62A D62A	Allapoint, All	63.09 2	P	P	15 00 52.6 +0.7
comp=Z,85nm,0.9s					
MVCO Mesa Verde	63.27 328	P	P	15 00 53.1 -0.7	
MVCO				15 00 55.3	
comp=Z,94nm,1.4s					
MVCO Mesa Verde	63.27 328	P	P	15 00 54.0 +0.3	
baz=140,SNR=20					
E46A E46A	Sault Ste Mari	63.28 351	P	P	15 00 52.2 -1.1
comp=Z,76nm,0.9s					
OGNE Ogallala	63.32 335	P	P	15 00 53.7 -0.1	
OGNE Ogallala	63.32 335	P	P	15 00 54.1 +0.4	
baz=148,SNR=12					
Y14A Wickenburg	63.33 322	P	P	15 00 53.5 -0.5	
G40A G40A	Rib Lake	63.39 346	P	P	15 00 53.0 -1.0
F42A F42A	Maple Grove Fa	63.40 347	P	P	15 00 52.6 -1.5
comp=Z,76nm,1.3s					
BATG Bathurst New B	63.45 5	P	P	15 00 54.3 0.0	
BATG				15 00 56.2	
comp=Z,35nm,0.9s					
LMQ LMQ	La Malbaie	63.51 1	P	P	15 00 54.6 -0.1
comp=Z,60nm,1.3s					
K31A K31A	O'Neill	63.51 338	P	P	15 00 54.3 -0.6
WUAZ WUAZ	Wupatki	63.54 325	P	P	15 00 55.2 -0.2
WUAZ				15 00 57.5	
comp=Z,53nm,1.1s					
WUAZ Wupatki	63.54 325	P	P	15 00 56.4 +1.0	
baz=137,SNR=18					
E43A E43A	Lone Tree Farm	63.76 349	P	P	15 00 55.1 -1.3
comp=Z,51nm,0.8s					
ECSD EROS Data Cent	63.77 340	P	P	15 00 55.6 -1.0	
ECSD EROS Data Cent	63.77 340	P	P	15 00 56.2 -0.3	
baz=154,SNR=68					
GLA Glamis	63.80 321	P	P	15 00 57.4 +0.3	
baz=134					
ISCO ISCO	Idaho Springs	63.92 332	P	P	15 00 57.4 -0.6
ISCO				15 00 58.2 +0.2	
comp=Z,36nm,1.1s					
ISCO Idaho Springs	63.92 332	P	P	15 00 57.4 -0.6	
ISCO				15 00 58.2 +0.2	
baz=144,SNR=27					
COWI Conover	63.94 347	P	P	15 00 56.9 -0.7	
comp=Z,47nm,0.9s					
SPMN Marine on St.	64.01 344	P	P	15 00 57.1 -1.0	
SPMN				15 00 58.6	
comp=Z,110nm,0.9s					
SPMN Marine on St.	64.01 344	P	P	15 00 57.4 -0.7	
baz=158,SNR=28					
PV01 PV01	Paradox Valley	64.02 329	P	P	15 00 58.7 +0.1
PV01				15 01 00.5	
comp=Z,49nm,1.0s					
SMCO Snowmass	64.06 330	P	P	15 00 58.5 -0.6	
SMCO				15 01 00.8	
comp=Z,38nm,0.8s					
PV15 PV15	Paradox Valley	64.14 329	P	P	15 00 59.1 -0.3
PV15				15 01 01.4	
comp=Z,95nm,1.0s					
PV02 PV02	Paradox Valley	64.16 328	P	P	15 00 59.3 -0.2
PV02				15 01 01.3	
comp=Z,78nm,1.4s					
PV13 PV13	Radium Mtn., P	64.17 328	P	P	15 00 59.2 -0.3
PV13				15 01 01.1	
comp=Z,47nm,1.0s					
PV05 PV05	Paradox Valley	64.25 328	P	P	15 00 59.9 -0.2
PV03 PV03	Paradox Valley	64.25 328	P	P	15 00 59.6 -0.6
PV12 PV12	Saucer Basin,	64.28 329	P	P	15 00 59.8 -0.5
PV07 PV07	Paradox Valley	64.30 329	P	P	15 00 59.8 -0.5
IKP IKP	In-Ko-Pah, Jac	64.32 319	P	P	15 01 01.3 +0.8
baz=132					
PV19 PV19	Morning Glory	64.36 328	P	P	15 00 60.0 -0.8
PV20 PV20	West Nystwonger	64.38 328	P	P	15 01 00.1 -0.8
BC3 BC3	Big Chuckawall	64.59 321	P	P	15 01 02.8 +0.5
baz=133,SNR=8.4					
W13A W13A	Hualapai Mount	64.66 323	P	P	15 01 01.7 -1.2
MONP2 MONP2	Monument Peak	64.68 319	P	P	15 01 03.3 +0.3
baz=132					
BAR BAR	Barrett	64.69 319	P	P	15 01 02.0 -0.9
comp=Z,47nm,1.1s					
U15A U15A	North Rim	64.71 325	P	P	15 01 03.2 0.0
D41A D41A	Chassel	64.73 348	P	P	15 01 01.6 -1.1
D41A				15 01 03.6	
comp=Z,92nm,0.9s					
IRM IRM	Iron Mountain	64.75 321	P	P	15 01 04.0 +0.8
baz=134,SNR=6.6					
F36A F36A	Milaca	64.79 344	P	P	15 01 02.2 -1.0
N23A N23A	Red Feather La	64.95 332	P	P	15 01 05.0 +0.4
baz=144,SNR=22					
E38A E38A	The Farm, Brul	64.97 345	P	P	15 01 03.0 -1.3
comp=Z,91nm,1.0s					
PHWY Pilot Hill	65.07 333	P	P	15 01 03.7 -1.7	
109C 109C	Camp Elliot, M	65.11 319	P	P	15 01 06.8 +1.4
baz=132					
BELC Belle Mt., Jos	65.16 321	P	P	15 01 06.5 +0.5	
baz=133					
SUSD SUSD	Miller	65.18 339	P	P	15 01 05.0 -0.8
SUSD				15 01 05.5 -0.2	
baz=152,SNR=5.6					
PFO PFO	Pinyon Flats O	65.18 320	P	P	15 01 06.6 +0.5
PFO				15 01 23.1 -5.5	
comp=Z,61nm,1.4s					
PFO PFO	Pinyon Flats O	65.18 320	P	P	15 01 05.6 -0.5
PFO				15 01 07.0 +0.9	
baz=132					
O20A O20A	White River Ci	65.41 330	P	P	15 01 06.7 -0.9
O20A				15 01 09.3	
comp=Z,44nm,0.9s					
O20A White River Ci	65.41 330	P	P	15 01 08.0 +0.4	
baz=142,SNR=25					
KNB KNB	Kanab	65.43 325	P	P	15 01 07.5 -0.2
KNB				15 01 07.5 -0.2	
comp=Z,44nm,1.0s					
KNB KNB	Kanab	65.43 325	P	P	15 01 07.5 -0.2
KNB				15 01 09.6	
comp=Z,44nm,1.0s					
F33A F33A	5 Mile Ranch,	65.56 342	P	P	15 01 07.4 -0.7
F33A				15 01 08.9	
comp=Z,109nm,0.9s					
MURC Murieta	65.63 320	P	P	15 01 09.9 +0.9	
baz=132					
LCMT LCMT	Little Creek M	65.66 325	P	P	15 01 09.0 -0.1
SRU SRU	San Rafael Swe	65.75 328	P	P	15 01 09.4 -0.4
SRU				15 01 09.4 -0.4	
comp=Z,40nm,1.0s					
SRU SRU	San Rafael Swe	65.75 328	P	P	15 01 09.4 -0.4
SRU				15 01 11.3	
comp=Z,40nm,1.0s					

MTPU Hector, Ludlow	65.83 326	P	P	15 01 10.2 -0.3	
HEC				15 01 12.2 +1.3	
baz=133,SNR=5.5					
Q16A Q16A	Castle Valley	65.94 322	P	P	15 01 10.6 -0.4
VNA3 VNA3	Neumayer Olymp	65.99 157	P	P	15 01 11.3 +0.7
SZCU SZCU	Neumayer Olymp	65.99 325	P	P	15 01 11.0 +0.4
TUQ TUQ	Turquoise Moun	66.09 322	P	P	15 01 12.9 +0.9
baz=134,SNR=5.7					
P17A P17A	Butcher Ranch,	66.14 328	P	P	15 01 12.1 -0.1
P17A				15 01 13.9	
comp=Z,61nm,1.0s					
RWWY RWWY	Rawlins	66.16 332	P	P	15 01 12.2 -0.2
RWWY				15 01 13.5	
comp=Z,47nm,1.2s					
MSU MSU	Marysvalle	66.17 326	P	P	15 01 12.1 -0.4
MSU MSU	Marysvalle	66.17 326	P	P	15 01 12.1 -0.4
MVU MVU	Marysvalle	66.18 326	P	P	15 01 12.7 +0.1
VNA1 VNA1	Neumayer-Watz	66.21 161	P	P	15 01 13.1 +1.1
EYMN EYMN	Ely	66.22 346	P	P	15 01 11.5 -0.8
comp=Z,80nm,0.9s					
EYMN Ely	66.22 346	P	P	15 01 11.8 -0.6	
baz=160,SNR=18					
TMUT TMUT	Trail Mountain	66.25 328	P	P	15 01 12.8 -0.3
BFSC BFSC	Mount Baldy Ra	66.34 320	P	P	15 01 14.2 +0.6
comp=Z,37nm,0.8s					
TCRU TCRU	Three Creeks R	66.38 326	P	P	15 01 14.1 +0.2
TCRU				15 01 16.1	
comp=Z,46nm,1.0s					
RDMU Red Mountain	66.39 330	P	P	15 01 13.1 -0.8	
RDMU				15 01 15.3	
comp=Z,37nm,0.8s					
DRLN DRLN	Deer Lake	66.47 10	P	P	15 01 13.9 0.0
GSC GSC	Goldstone, Bar	66.53 321	P	P	15 01 15.1 +0.4
GSC				15 01 15.1 +0.4	
comp=Z,16nm,1.0s					
GSC GSC	Goldstone, Bar	66.53 321	P	P	15 01 15.1 +0.4
GSC				15 01 15.8 +1.1	
baz=133,SNR=11					
VNA2 VNA2	Neumayer-Watz	66.57 161	P	P	15 01 14.9 +0.5
SHOC SHOC	Shoshone, Teco	66.62 322	P	P	15 01 15.8 +0.6
K22A K22A	Casper	66.62 333	P	P	15 01 15.2 -0.1
K22A				15 01 16.7	
comp=Z,48nm,0.8s					
K22A K22A	Casper	66.62 333	P	P	15 01 15.7 +0.4
RSSD RSSD	Black Hills	66.79 335	P	P	15 01 15.9 -0.4
RSSD				15 01 15.9 -0.4	
comp=Z,31nm,1.0s					
RSSD RSSD	Black Hills	66.79 335	P	P	15 01 15.9 -0.4
RSSD				15 01 16.7 +0.4	
baz=147					
D32A D32A	Dogwood Acres,	66.95 342	P	P	15 01 16.7 -0.3
PRN PRN	Park Ranger	66.95 324	P	P	15 01 17.9 +0.5
EDW2 EDW2	Edwards Air Fo	66.97 320	P	P	15 01 17.9 +0.4
comp=Z,132,SNR=11					
MPU MPU	Maple Canyon	67.00 328	P	P	15 01 17.5 -0.2
MPU				15 01 19.6	
comp=Z,51nm,1.1s					
QSM QSM	Queen of Sheba	67.02 322	P	P	15 01 16.9 -0.8
QSM				15 01 19.4	
comp=Z,54nm,1.4s					
GWY GWY	Greenwater Val	67.05 322	P	P	15 01 17.5 -0.6
PSUT PSUT	Pine Spring	67.09 325	P	P	15 01 18.4 +0.1
B35A B35A	Bob, Littlefor	67.15 345	P	P	15 01 17.2 -1.0
B35A				15 01 18.7	
comp=Z,122nm,1.1s					
LRMC LRMC	Laurel Mtn Rad	67.18 321	P	P	15 01 19.7 +0.8
LRMC				15 01 19.7 +0.8	
baz=132,SNR=9.2					
NLU NLU	North Lily Min	67.18 328	P	P	15 01 18.9 0.0
NLU				15 01 21.0	
comp=Z,45nm,1.1s					
OSI OSI	Osito Audit: C	67.25 319	P	P	15 01 20.0 +0.7
OSI				15 01 21.3	
baz=131					
TPNV TPNV	Topopah Spring	67.32 323	P	P	15 01 20.0 +0.2
TPNV				15 01 20.0 +0.2	
comp=Z,26nm,1.0s					
TPNV TPNV	Topopah Spring	67.32 323	P	P	15 01

4d 14h

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like WDC, PPT, N02D, M04C, KOWA, K05A, QSPA, I07A, JTMT, M02C, F10A, YBH, Y04D, J05D, G08A, PINE, W04A, J04D, E09A, F02E, FFC, I05D, I04A, K02D, E08A, DBO, HAWA, NEW, W04A, D08A, G05D, H04A, I03D, E07A, C08A, BUCK, HOOD, F05D, COR, LTY, F04A, B08A, TTIG, E04D, D05A, OUK, EDM, E03A, B06A, B05A, WISH, NLWA, B04A, PGC, TZRR, CLRS, ZHG, LLLB, MORI, PTEO, OZB, PBDV, PNCL, MESJ, PCVE, CZD, PVAO, MDT, RSA, PBEJ, CBB, LCRM, PMTG.

2015 OCT

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like CHEFC, PCAS, PESTR, PBAR, VVND, VVND, SMIR, PMRV, PCBR, TLBC, RAR, SVO, MVO, JVK, FJGM, TAF, SUR, PAB, PAB, PAB, ESDC, ESDC, ESDC, ESB, TSUM, DY2G, YKA, WRK, WRK, DLBC, DLBC, DLBC, ICESG, ICESG, BOSA, BOSA, BOSA, WTLY, TGDN, LBTB, LBTB, LBTB, JIS, MAW, MAW, MAW, MAW, BESE, BESE, SKAG, SKAG, MIMPY, SUMG, SUMG, SUMG, WHY, WHY, FARO, KEST, HYT, HYT, YUK6, YUK4, NEEM, NEEM, YUK3, ECH, ECH, ECH, TGL, DAWY, DAWY, INK, INK, INK, CRQE, CRQM, M27K, MCARA, VRDI, BCAR, L27K, L27K, EGAK, EGAK, K27K, DAVA, KLU, KLU, KLU, DOT.

142

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like SCRK, SCRK, J26L, FETA, M24K, PAX, PAX, PAX, PAX, RIDG, RIDG, RETA, MOTA, CTI, CTI, CTI, WATA, WATA, J25K, WTTA, SML, SML, SML, WAT6, ABTA, HDA, IL31, ILAR, CCB, RND, RND, RND, RND, KDAK, KDAK, COLA, COLA, TCOL, TCOL, MDM, MDM, H24K, H24K, NEA2, NEA2, NEA2, GERS, SKT, SKT, I23K, I23K, CLL, CLL, CLL, CLL, BPAW, MLY, PPLA, BRG, BRG, CHUM, ZST, ZST, MODS, MODS, MINK, MINK, MINK, MINK, APA, APA, DZM, SOC, SOC, SOC, SOC, KIV, KIV, KBZ, KBZ, ARU, ARU, PEAB0, ABKAR, YAK, BRVK, ASAR, ASAR, WRA, WRA, WRA, ZAA0, ZALV.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TAMBO, BTAM, BVCC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WRA, IDC, YUK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PPBI, MTKI, KSI, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, I, A, M, B, Time, Res. Includes stations like PAHR, NV11, TPNV, Topopah Spring, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, I, A, M, B, Time, Res. Includes stations like RND, Reindeer, ANTO, Toone Canyon, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, I, A, M, B, Time, Res. Includes stations like DRGR, UDC, DPC, DPC, etc.

Technical notes and data for stations:
IDC 04 16:48:05.02.8.44:89N:27:86W, h0km, mb3.77, mb1.387, mb1mx3.5/7, mbtmpr3.77, MS4.0/2, M1 3.5/5, m1mx3.0/2, Error ellipse: s-maj=87.8km s-min=37.1km az=9.0
NEIC 04 16:48:08.1.9.44:9N:02:27:85W:0.10, h16km, g6km, mb4.3/13, Error ellipse: s-maj=35.8km s-min=5.2km az=194.0
ISC 04 16:48:06.6.1.2.44:8N:03:27:86W:0.10, h14km, n27, o:87/24, mb4.1/4, Northern Mid-Atlantic Ridge
Code Station Name Az El P I A M B Time Res
MTE Manteigas 15.58 99 Op Pn ISC h n s ISC
BNI Bandedon 24.36 77 P I A M B 16 53 22.1 -0.2
BNL Bandedon 24.36 77 P I A M B 16 53 43.3
LMN Caledonia Moun 25.66 286 P I A M B 16 53 37.7 +0.1
SCHO Schefferville 26.77 306 P I A M B 16 54 09.2 -0.9
SCHO Schefferville 26.77 306 P I A M B 16 54 09.2 -0.9
NC20A NORSTAR Array S 27.95 40 P P P 16 53 56.5 +0.2
GERES GERES Array B 28.48 67 P P P 16 53 60.0 -1.2
MLR Muntele Rosu 37.67 69 LR LR 17 10 16.6
AKASG Malin Array B 38.02 60 P P 16 55 24.0 0.0
ALN Alexandroupoli 39.12 76 P P 16 55 34.0 +0.7
ALN Alexandroupoli 39.12 76 P I A M B 16 55 34.7
BRTR Keskin Array B 44.85 74 P P 16 56 22.2 +1.8
PV20 West Nyswonger 58.66 295 P P 16 58 03.2 -0.4
PV20 West Nyswonger 58.66 295 P I A M B 16 58 09.8
TX31 Lajitas Ar. Si 60.36 283 P P 16 58 15.6 +0.3
TX32 Lajitas Array 60.36 283 P P 16 58 15.5 +0.2
TX32 Lajitas Array 60.36 283 P I A M B 16 58 19.4
TXAR Lajitas Array 60.36 283 P P 16 58 15.9 +0.6
SCRK Sand Creek 60.56 233 P I A M B 16 58 22.3
ILAR Eielson Array 60.93 335 P P 16 58 18.5 0.0
CCB Clear Creek Bu 61.30 305 P I A M B 16 58 19.9 -1.1
OCB Clear Creek Bu 61.30 305 P I A M B 16 58 26.5
I23K Minto, Yukon-K 61.40 336 P P 16 58 22.1 +0.4
IMAR Indian Mountain 62.01 338 P P 16 58 25.8 0.0
KURBS Kurchatov Arra 65.01 42 P P 16 58 50.5 +0.7
MKAR Makanchi Array 70.04 43 P P 16 59 16.5 -1.3
MKAR Makanchi Array 70.04 43 P P 16 59 17.1 -0.7
SONM Songo Array 79.42 29 P P 17 00 13.0 +0.8
SONM Songo Array 79.42 29 P I A M B 17 00 14.2
JRU Nakatsue 100.11 18 LR LR 17 52 21.4
WNA Warramunga Arr 151.17 37 PKPbc PKPbc 17 07 59.7 +0.2
ASAR Alice Springs 154.22 41 PKPbc PKPbc 17 08 06.5 +0.2
IDC 04 16:57:20.5.0.5.30:57S:72:12W, h0km, mb4.5/8, mb1.4.5/13, mb1mx4.4/29, mbtmp4.4/13, ML4.2/5, MS3.5/5, M1 3.5/5, m1mx3.3/17, Error ellipse: s-maj=22.2km s-min=18.4km az=70.0
GUC 04 16:57:21.5.0.7.30:54S:72:17W, h33km, 4km, ML4.8, NEIC 04 16:57:22.1.1.30:51S:05:72:17W:0.05, h10km, g1km, m-b4.9/10, Mw4.4/4.1, Error ellipse: s-maj=9.4km s-min=6.7km az=157.0
VAO 04 16:57:22.4.0.4.30:52S:72:13W, h10km, mb4.7, NEIC 04 16:57:22.30:52S:72:17W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1: -4.95; M2: 3.25; M3: 1.70; M4: -0.28; M5: -2.77; M6: -1.87; Fault plane solution: M5: 5.00000e+10; NP1: 324.340000; 552.660000; -1-67.700000; NP2: 110.280000; 642.650000; -1-116.400000; Principal axes: P: 2.4392e+10; Azm: 39.000000; N: 0.1207; Plg: 18.000000; Azm: 39.000000; P: -5.5599; Plg: 272.000000; Azm: 293.000000
ISC 04 16:57:20.5.1.8.30:49S:0:04:72:26W:0.05, h2km, 10km, n269, e1905/27.3, mb5.0/54, 3C-7D, Off coast of central Chile

4d 16h

2015 OCT

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fray Jorge, La Serena, LCO, CATAPILCO, etc.

Table with columns: SJMB, BSFB, SDBA, etc. Includes stations like Sao Joao De Ma, Barra de Sao F, SAO DESIDERIO, etc.

Table with columns: GWW, GWW, GWW, etc. Includes stations like Greenwater Val, Red Mountain, Rawlins, etc.

DJA 04 16:58:33.9:0.7:9:5:3:110E:1h13km55km,M3.9/12, mb4.5/2, ML3.6/12, South of Jawa

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like WU, TWS1, YM01, etc.

Table with columns: SRBI, Singaraja, DNP, Denpasar, etc., and various station identifiers.

Table with columns: WB2, WRO, GSI, Gununglistik, etc., and various station identifiers.

BUJ 04 17:45:53.0-0.0, 7:70S<116:90E, h313km, mB4, 7/34, mD4, 9/60
NEIC 04 17:45:55.4-2.7, 7:59S<0:07<116:91E<0:08, h309km<5km, mB4, 9/73, Error ellipse: s-maj=10.8km s-min=10.3km

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Sado, Mamie plateau, Marumori, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PEAOB, PETK, PETK, MAW, etc.

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

comp=Z,1.4nm,0.9s,baz=117,slow=6.2,SNR=3.7 PKPab PKPab 18 05 44.0 +0.3

comp=Z,1.6nm,0.8s,baz=207,slow=2.0,SNR=6.6

GUC 04 17:58:11.3.0.7.301.72S:71.60W,h38km,1km,ML4.1 NEIC 04 17:58:13.5.1.8.301.71S:0.04W:1.49W:0.04,h35km,2km, mb4.2/1,ML4.1(GUC),Error ellipse: s-maj=7.2km s-min=5.3km az=316.0

ISC 04 17:58:12.6.0.9.30.70S:0.03W:1.55W:0.06,h26km,7km, n36,e101/43,3C-5D,Near coast of central Chile

Code Station Name Azimuth Elevation Azimuth Error Elevation Error SNR Time Res

CO06 Fray Jorge 0.08 290 Op ISC h m s ISC

CO06 Fray Jorge 0.08 290 Op P 18 18 16.7 +0.6

CO06 La Serena 0.69 137 P 18 17 0.0 -0.3

CO02 Combarbal 0.69 137 P 18 17 0.0 -0.3

CO03 El Pedregal 0.75 101 P 18 17 0.0 -0.3

CO03 El Pedregal 0.75 101 P 18 17 0.0 -0.3

CO05 La Serena 0.82 19 P 18 17 0.0 -0.3

CO05 La Serena 0.82 19 P 18 17 0.0 -0.3

CO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

GO04 Tololo Observa 0.83 51 P 18 17 0.0 -0.3

4cd 18h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CNGZ Carnagh Statio, RAGZ Rawiri, HRRZ Hancock Road, etc.

2015 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ASAR comp=Z,1.4nm,0.8s, ASAR comp=Z,2.2nm,0.9s, etc.

152

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MAW Mawson, KSAW Kora Array, KSAW Kora Array, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Q16A, CHTO, F10A, HLID, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like SORM, BRTR, BEL, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like LME, AC02, BO01, etc.

comp=Z,0.3nm,0.7s,baz=297,slow=2.5,SNR=4.6
ESDC Sonseca Array 96.12 334 LR LR 20 40 59.1
LPAZ La Paz 145.34 59 PKPbc PKPab 19 58 42.6 +0.5

IDC 04 20:03:20.0i.3.4, 33.59N:23.18E, h0km, mb3.6/4,
mb1 3.5/5, mb1mx3.2/44, mbtmp3.5/5, ML2.7/1, Error
ellipse: s-maj=59.9km s-min=26.2km az=48.0

ATH 04 20:03:33.4, 34.54N:23.92E, h12km, 5km, ML2.9/3, Error
ellipse: s-maj=6.8km s-min=2.6km az=7.0

THE 04 20:03:36.1, 34.58N:23.92E, h36km, 27km, ML2.7/5, Error
ellipse: s-maj=27.6km s-min=11.9km az=7.0

ISC 04 20:03:34.9-2.2, 34.54N:23.92E, h10km, 12km,
n39, r1839/48, mb3.4/4, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Palaiochora Ch, Timbaki Herakl, Sivas, Vamos, etc.

IDC 04 20:08:42.6i.2.4, 6.30S: 131.00E, h110km, 25km, mb3.4/2,
mb1 3.5/7, mb1mx3.3/29, mbtmp3.8/7, Error ellipse:
s-maj=40.7km s-min=20.5km az=89.0

ISC 04 20:08:39.7-0.9, 6.37S: 130.9E, 0.1, h62km, n7,
i635/12, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Sorong, Baumata, Fitzroy Crossi, etc.

SOME 04 20:11:39.9, 40.75N:73.43E, h10km
KRNET 04 20:11:40.2, 0.1, 40.74N:73.44E, h18km, mb3.0
NNC 04 20:11:41.9, 1.0, 40.73N:73.44E, h0km, mb3.5, mpv3.3,
Error ellipse: s-maj=8.1km s-min=4.1km az=172.0

ISU 04 20:11:46, 40.70N:72.90E, h5km
ISC 04 20:11:41.9-0.7, 40.73N:73.40E, 0.02, h10km, n74,
i1876/119, 41C-11D, Krygyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Osh, Aral, Almayashu, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like baz=25, MNAS, MRKS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOTS, ANVS, KUUV, etc.

IDC 04 20:43:20.2i.1.3, 8.74S: 110.70E, h0km, mb3.7/6,
mb1 3.8/7, mb1mx3.6/37, mbtmp3.7/7, ML3.5/1, MS3.1/3,
Ms1 3.2/3, ms1mx2.9/30, Error ellipse: s-maj=50.1km
s-min=19.7km az=45.0

DJA 04 20:43:21.1i.0.4, 9.54S: 111.00E, h10km, M4.2/16, mb4.3/1,
MLV4.1/17

ISC 04 20:43:20.1i.0.9, 9.24S: 110.34E, 0.05, h10km, n28,
i1544/23, mb3.6/6, South of Java

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCJJI, UGM, YOGI, etc.

CNRM 04 21:06:13.9, 36.51N:7.45W, h27km, ml1.9
INMG 04 21:06:18.2i.1.4, 36.71N:7.41W, h29km, 5km, ML2.2, Error
ellipse: s-maj=3.3km s-min=2.9km az=28.0

MDD 04 21:06:18.4i.0.2, 36.69N:7.38W, h48km, 2km, mb4.1/13,
Error ellipse: s-maj=2.0km s-min=1.1km az=38.0, PRXIMO

MDD EMS: I-II INTENSIDAD MAXIMA
IGL 04 21:06:18.6, 36.73N:7.40W, h30km, ML2.3

ISC 04 21:06:15.3i.1.2, 36.66N:7.39W, 0.03, h63km, gkm,
n87, i1564/160, 1C-5D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARNO, PBDV, PVAQ, etc.

4d 21h

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like EGRO, PCVE, MORF, EMIN, etc.

2015 OCT

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Quesada, PAB, EMEL, etc.

156

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Conchagua, PAVAS, CRIN, etc.

WEL 04 21:23:42.4, 40°S 47°17'E, h30km, gkm, M2,1/1, ML2.4/18, MLV2.1/11, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various stations like KAHZ, PXZ, WPHZ, etc.

IDC 04 21:28:56.8, 8.926S, 121°43E, h67km, 51km, mb3.5/1, mb1.3/5, mb1mx3.1/54, mbtmp3.7/5, Error ellipse: s-maj=89.1km s-min=33.9km az=66.0, Savu Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various stations like BATI, FITZ, WRA, etc.

comp=N, 2.11um, 0.2s Serv Nac Est T 1.32 312 eP Sn 21 29 23.6 -0.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various stations like SBL, SBL, SBL, etc.

Table with columns: CMIG, Matias Romero, 7.72 304, P, Pn, 21 30 53.4 +2.3, etc. Includes sub-sections like 'SOME 04 21:33:59.3, 42:23N.81:23E, h5km, Northern Xinjiang' and 'Lake Issyk-Kul region'.

Table with columns: SATY, 4.8nm, 0.2s, eS, Sb, 21 35 10.8 +0.2, etc. Includes sub-sections like 'Afghanistan-Tajikistan border region' and 'KSH comp=N, 1.1um, 0.5s'.

Table with columns: AAK, Ala-Archa, 6.54 23 P, Pn, 21 40 56.1 +0.8, etc. Includes sub-sections like 'WMO comp=E, 172nm, 0.4s' and 'WMO comp=E, 57nm, 3.7s'.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BR131, BR131, BR131, BR131, BR131, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FNA, RAF, AAL, MORC, MORC, etc.

KTMS Ketmen 3.91 75 Pg Pg 21 44 29.8 -3.3
KTMS 23nm,0.3s

IDC 04 21:44:21.2:1.4, 6.78S:128.43E, h0km, mb3.4/1,
mb1 3.6/3, mb1mx3.3/0.3, mbtmp3.4/3, ML3.1/2, Error
ellipse: s-maj=91.5km s-min=11.5km az=65.0, Banda
Sea

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 14.29 157° Op Pn 21 47 44.9 -0.1
WRA 0.1nm,0.3s,baz=325,slow=13,SNR=6.8

SKHL 04 22:15:03.6:0.4, 44.50N:148.50E, h30km, mb4.1/2
JMA 04 22:15:03.0:0.3, 44.05N:148.36E, h0km, M3.9
ISC 04 22:15:01.9:2.6, 44.38N:0.07:148.3E:0.1, h10km, Res

Code Station Name A° AZ° Phase ID Time Res
KUR Kuril'sk 0.92 339° Op Pn 22 15 18.7 -1.2
KUR 90nm,0.2s
KUR Kuril'sk 1.81 260° I S 22 15 30.3 -1.3
KUR 770nm,0.2s

DJA 04 22:35:59.8:0.9, 9.9S:3°11'0E, h20km, g9km, M4.1/9,
mb5.2/1, MLV3.5/9, South of Java

Code Station Name A° AZ° Phase ID Time Res
PCJI Pacitan 1.26 36° Op Pn 22 36 22.0 -0.3
UGM Wanagama 1.30 4° P Pn 22 36 23.2 +0.3
YOGI Yogyakarta 1.40 355° S Sn 22 36 39.0 -0.8

DJA 04 22:40:57.9:0.6, 1°S:4°13'1E, h10km, M4.0/6, mb5.7/1,
MLV4.0/6, Mw(MB)5.2/1
NEIC 04 22:41:03.0:1.1, 0.94S:0.09:131.3E:0.2, h39km, 8km,
mb3.8/9, Error ellipse: s-maj=24.3km s-min=13.3km
az=95.0

Code Station Name A° AZ° Phase ID Time Res
SWI Sorong 0.04 347° Op Pn 22 41 00.5 0.0
SWI Sorong 0.04 347° P Sg 22 41 02.4 +0.4
FAKI Fak Fak 2.23 154° P Sn 22 41 06.7 +1.3

NEIC 04 22:50:02.5:1.2, 6.34S:0.07:104.52E:0.09, h45km, 7km,
mb4.8/49, Error ellipse: s-maj=13.7km s-min=8.2km
az=57.0

DJA 04 22:50:03.6:0.3, 6°S:3°10'5E, h45km, g4km, M4.9/22,
mb5.0/20, mb5.5/7, MLV4.8/22, Mw(MB)5.0/7
IDC 04 22:50:05.8:3.3, 5.98S:104.86E, h66km, mb4.2/23,
mb1 4.3/25, mb1mx4.1/49, mbtmp4.5/25, ML4.6/2, M3.5/9,
Ms1 3.9/9, ms1mx3.2/31, Error ellipse: s-maj=24.5km
s-min=12.4km az=49.0

Code Station Name A° AZ° Phase ID Time Res
KASI Kota Agung 0.79 353° Op Pn 22 50 19.5 0.0
KASI Kota Agung 0.79 353° S Sn 22 50 30.5 -0.4
BLSI Bandar Lampung 1.14 34° S Sn 22 50 23.9 0.0

LEM 126nm,0.3s,baz=189,slow=19,SNR=49 S Sn 22 51 30.4 +5.3
LEM Lembang 3.04 100° Op Pn 22 50 49.8 0.0
PMBI Palembang 3.07 30° P Pn 22 50 53.2 -0.9

Code Station Name A° AZ° Phase ID Time Res
PCJI Pacitan 6.79 106° Op Pn 22 51 40.9 0.0
NGJI Ngawi 6.90 99° P Pn 22 51 53.6 +1.1
PWJI Pagerwojo 7.35 104° P Pn 22 51 48.3 -0.3

Code Station Name A° AZ° Phase ID Time Res
GRJI Gresik 7.85 95° P Pn 22 52 03.3 +7.8
MKWI Kota Tinggi 8.09 363° P Pn 22 52 04.0 -5.5
BLJI Banyuwangi 9.04 100° P Pn 22 52 11.9 +0.1

Code Station Name A° AZ° Phase ID Time Res
BATI Bauntau 19.26 103° Op Pn 22 54 24.8 -0.2
BATI Bauntau 19.26 103° S Sn 22 57 59.0 -1.6
GATI Gorontalo 19.63 70° P Pn 22 54 28.3 -1.1

Code Station Name A° AZ° Phase ID Time Res
FIZ Fityroz Crossi 23.63 122° Op Pn 22 54 47.7
FIZ Fityroz Crossi 23.63 122° L R 22 55 09.4 -0.1
DAV Davao City (W) 24.80 58° LR LR 23 06 15.3

Code Station Name A° AZ° Phase ID Time Res
CHTO Chiang Mai 25.59 348° P Pn 22 55 25.4 -1.8
MTN Manton Dam 26.94 106° P Pn 22 55 39.4 -0.2
PALK Palakkele 27.39 299° LR LR 23 04 57.5

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 31.90 118° P Pn 22 56 23.8 +0.2
WRA Warramunga Arr 31.90 118° P Pn 22 56 32.1 +0.3
H08S3 Diego Garcia H 31.90 266° T T 23 30 02.5

Code Station Name A° AZ° Phase ID Time Res
JAY Jayapura 36.19 86° P Pn 22 56 58.1 -2.7
ODAN Odare 36.95 334° eP P 22 57 06.3 -1.0
TAPN Tappin 37.24 335° eP P 22 57 09.9 0.0

COEN Coen 38.68 104° P Iamb 22 57 21.8 -0.1
COEN comp=Z,1.5nm,0.7s 38.70 332° eP P 22 57 21.8 -0.1

Code Station Name A° AZ° Phase ID Time Res
KKN Kakani 38.70 332° eP P 22 57 21.8 -0.5
GKN Gorkha 39.19 331° eP P 22 57 25.5 -0.5
KOLN Koldanda 39.50 330° eP P 22 57 28.6 -0.1

Code Station Name A° AZ° Phase ID Time Res
MAT Matushiro Arr 52.99 34° P P 22 59 12.5 -0.1
MJAR Mataru 52.99 34° P P 22 59 12.6 -1.7
SONM Songoing Array 53.94 1° P P P 22 59 21.6 +0.5

Code Station Name A° AZ° Phase ID Time Res
MKR1 Makanchi Array 56.47 342° P P 22 59 38.7 -0.5
MKR2 Makanchi Array 56.47 342° P P 22 59 38.5 -0.7
KLR Kul'dur 60.18 20° P P 23 00 03.8 -1.3

Code Station Name A° AZ° Phase ID Time Res
KARS Kars 73.15 316° P Iamb 23 01 28.2 +0.2
PETK Petropavlovsk 74.18 30° P P 23 01 32.8 -0.9
PETK Petropavlovsk 74.18 30° P P 23 01 37.6 -0.7

Code Station Name A° AZ° Phase ID Time Res
VTS Vitoshka 87.91 313° P Iamb 23 02 46.5 -0.5
FINES FINESS Array B 90.05 332° P P 23 02 57.5 +1.1
FINES FINESS Array B 90.05 332° P P 23 02 56.6 +0.3

Code Station Name A° AZ° Phase ID Time Res
IDE Isla Desecho 1.00 771° eS Pn 23 15 26.5 -0.2
IDE Isla Desecho 1.00 77° eS Pn 23 15 50.3 -0.4
CRPR Cabo Rojo, PR 1.33 961° eP Pn 23 15 28.7 -0.4

NEIC 04 23:14:55.2:0.8, 17°9N:0°1'68'W:0.2, h211km, 14km,
Error ellipse: s-maj=26.7km s-min=17.4km az=104.0,
RSPR 04 23:14:55.8, 18.16N:68.50W, h211km, 2km, MD3.8/7,
7C-50, Mona Passage

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like BZS, NEHR, ICOR, LKZ, VIZE, etc.

DC 05:00:45:46.5:1.4, 17.69S:167.35E, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/26, mbtmp4.0/8, ML4.1/11, MS3.6/8, MS1 3.6/8, ms1mx3.3/8, Error ellipse: s-maj=43.6km s-min=25.4km az=140.0

NEIC 05:00:45:47.1:2, 17.58S:0.05:167.3E:0.1, h10km, 2km, mb4.0/5, Error ellipse: s-maj=24.3km s-min=6.5km az=102.0

NOU 05:00:45:47.4, 17.67S:167.23E, h0km, ML4.9/11, Vanuatu Islands

ISC 05:00:45:49.2:0.6, 17.65S:0.05:167.30E:0.08, h19km, n46, e134/40, mb4.0/9, MSZ3.6/6, Vanuatu Islands

Main table for the left column containing station data for various regions including Vanuatu, Tonga, and other Pacific islands.

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like KK08, KK04, KK05, etc.

WEL 05:01:09:31.2:0.6, 35.5S:5.5W:17.9W, h33km, M5.2/4, mb5.7/12, ML5.5/45, MLV5.2/44, Mw(mB)5.2/12, Error ellipse: s-maj=0.0km s-min=0.0km az=111.7

MOS 05:01:09:34.6:1.3, 35.07S:179.30E, h48km, mb5.0/9, Error ellipse: s-maj=14.9km s-min=12.4km az=99.4

GCMT 05:01:09:35.4:0.3, 25S:0.03:179.82W:0.03, h41km, 1km, MW4.9/60, Moment Tensor Solution. s36,c41; s60,c68; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:2.63e23; Mw:0.24e16; M0:2.87e15; M0:0.03e14; Lw:1.2e12; Mw:1.16e12; Best double couple: M3.18500e1016 NP1:0.209.000000, s36.000000, a1.05.000000. NP2: 0.1.000000, s56.000000, a80.000000. Principal axes: T 2.8840, P1g77.0000, Azm247.0000; N 0.6040, P1g9.0000, Azm16.0000; P -3.4880, P1g10.0000. Azm108.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

NOU 05:01:09:35.5, 35.48S:179.70W, h63km, mb5.0/31, East of North Island, N.Z.

NEIC 05:01:09:35.4:2.2, 35.12S:0.07:180.0E:0.1, h42km, 5km, mb5.0/32, Error ellipse: s-maj=15.4km s-min=9.8km az=102.0

DC 05:01:09:38.9:2.4, 34.91S:179.92E, h80km, 20km, mb4.4/14, mb1 4.5/17, mb1mx4.3/35, mbtmp4.7/17, MS4.0/16, MS1 4.0/16, ms1mx3.9/25, Error ellipse: s-maj=18.1km s-min=13.1km az=160.2

ISC 05:01:09:33.7:0.3, 35.06S:0.05:179.80W:0.06, h39km, n301, e167/295, mb4.9/31, MS4.0/19, 6C-4D, East of North Island

Main table for the middle column containing station data for various regions including Tonga, Samoa, and other Pacific islands.

Main table for the right column containing station data for various regions including Tonga, Samoa, and other Pacific islands.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARK, BELG, ARCES, DVE, FINES, AKASG, NB2, NOA, BRTR, GERES, TXAR, LPAZ.

IDC 05 01:17:31.8.3.2, 32:63S-178.31W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.7/27, mbtmp3.7/3, ML3.6/1. Error ellipse: s-maj=75.8km s-min=48.2km az=123.0, South of Kermadec Islands

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

ANF 05 01:26:22.0.1.3, 57:37N-138:63W, h0km, ML3.5/12, Error ellipse: s-maj=19.9km s-min=7.4km az=31.0. PGC 05 01:26:25.9.0.9, 57:48N-138:45W, h10km, ML3.1/6, 193km west of Sitka, Ak Off Coast Of Southeastern Alaska. AEIC 05 01:26:26.2.2.5, 44N:0.06, 138:56W:0.09, h3km, g6km, ML3.1/86, ML3.1(OTT), ML2.6/6(NEIC), Error ellipse: s-maj=9.1km s-min=6.2km az=214.0. NEIC 05 01:26:26.1.2.4, 57:42N:0.06, 138:56W:0.09, h25km, g6km, Error ellipse: s-maj=9.2km s-min=6.1km az=215.0. ISC 05 01:26:26.3.0.9, 57:40N:0.04, 138:56W:0.05, h35km, n183, r1440/218, Off coast of southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIT, BESE, SIT, SIT, SIT, PNL, BESE, BESE, JIS, BCPM, BCPM, SKAG, SKAG, SKAG, SKAG, SKAG, PCA, PCA, SAMH, SAMH, CHX, YUK7, YUK7, YUK7, RKAV, RKAV, MESA, MESA, MESA, MESA, TABL, TABL, CYK, YAH, HYT, HYT, HYT, HYT, WRAK, WRAK, BARK, BARK, CRAG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BGLC, LOGN, ISLE, ISLE, WAX, YUK5, YUK5, GRIN, SUCK, SUCK, WHY, WHY, WHY, CTGM, CTGM, CTGM, CTG, KHIT, KAIM, KAIM, YUK4, YUK4, YUK4, BARN, BARN, BERG, TGL, TGL, KIAG, KIAG, CRQE, CRQE, CRQM, CRQM, BALM, BALM, HMT, PTK, PTK, RAGM, YUK3, YUK3, YUK3, YUK2, YUK2, VRFD, MCARA, MCARA, BMRM, BMRM, BMRM, DLBC, DLBC, NDB, NDB, GLB, GLB, YUK1, YUK1, HIN, N25K, N25K, M27K, M27K, FID, FID, FID, VIB, VIB, VIB, VIB, M26K, M26K, DIB, DIB, DIB, KLU, KLU, KLU, GLI, GLI, RUBB, RUBB, MOBC, MOBC, MOBC, MOBC, BCOR, BCOR, L27K, L27K, BNA8, BNA8, M24K, M24K.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRNB, GRNB, MENT, L26K, BNB, BNB, SCM, KNK, BNBK, BNBK, PAX, HWBK, HWBK, SML, SML, HG4B, HG4B, DAWY, DAWY, DAWY, DAWY, BRKE, BRKE, R001, PMR, GHO, DOT, DOT, DOT, BRK, CNPM, RIDG, SCRK, DHY, SUA, EGAK, J26L, O20K, R001, OHAK, J25K, SKT, G19K, TRF, WRH, CCB, KTH, N19K, MDM, EPW, I21K, I21K, J20K, BMAR, H21K, IMAR.

IDC 05 01:52:56.2.0.8, 51:07N:179:75W, h0km, mb3.9/16, mb1 4.1/16, mb1mx4.0/38, mbtmp3.9/16, MS3.4/3, Ms1 3.4/3, ms1mx3.0/31, Error ellipse: s-maj=24.2km s-min=17.0km az=166.0. AEIC 05 01:53:02.1.2, 50:96N:0.07, 179:67W:0.06, h37km, g5km, ML3.5, mb4.2/10(NEIC), Error ellipse: s-maj=9.8km s-min=5.0km az=183.0. NEIC 05 01:53:02.9.1, 51:02N:0.06, 179:65W:0.02, h46km, g6km, Error ellipse: s-maj=9.1km s-min=6.9km az=168.0. ISC 05 01:53:02.0.6, 50:95N:0.08, 179:68W:0.03, h43km, n269, r097/23, mb4.2/52, MS3.8/4, Andreonof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMKA, AMKA, GALAA, GALAA, GAEA, GAEA, GANE, GANE, CERAA, CERAA, CESW, CERB, CEAP, TASE, TANO, TAPF, TAPA, LSSE, LSPA, LSPA, LSSA, LSSW, KIMB, KIMB, KICW, KICW, KICM, KICM, ADK, ADK, GSKC, GSTD, GSTD, GSTD, GSMY, GSTR, GSIG, ATKA, KOPF, SHMY, NIKH, NIKH, SPIA, UNV, ISLZ, SDPT, CNBA, CHNA, CHGM, CHIR, SII, SII, O18K, O18K, N18K, OHAK, SVW2, Q19K, Q19K, N19K, P19K, L19K, L19K, M19K.

5d 4h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like OUENC, NOUC, ONTNC, etc.

IDC 05 03:25:54.6s.1.1, 33.085x178.141W, h0km, mb4.2/4, mb1 4.4/6, mb1mx4.0/27, mbtmp4.2/6, ML4.5/2, Error ellipse: s-maj=30.6km s-min=26.5km az=105.0, NEIC 05 03:25:56.9s.1.7, 33.1S:0.1:178.1W:0.2, h10km, 2km, mb4.3/11, Error ellipse: s-maj=22.9km s-min=21.5km az=127.0

ISC 05 03:25:56.0s.1.1, 33.065x178.0W:0.1, h10km, n33, o592/30, mb4.5/9, South of Kermadec Islands

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like RAO, URZ, WRA, etc.

Code Station Name Az Az2 Phase ID Time Res. Rows include stations like GLKZ, RAO, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like RAO, URZ, WRA, etc.

168

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like KBZ, MEF, FINES, etc.

IDC 05 04:00:28.511.0, 24.51S:178.95E, h463km, 86km, mb3.4/5, mb1 3.6/6, mb1mx3.2/35, mbtmp4.4/6, Error ellipse: s-maj=131.4km s-min=19.3km az=47.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like URZ, CTA, ASAR, etc.

SOME 05 04:02:17.3, 40.92N:74.88E, h5km, NNC 05 04:02:18.0, 40.90N:74.91E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=4.5km s-min=2.6km az=170.0, KRNET 05 04:02:19.0, 41.03N:74.91E, h17km, mb3.0, KRNET 05 04:02:20.5, 41.10N:74.81E, h7km, 2km, m2.5, Error ellipse: s-maj=3.6km s-min=2.2km az=160.0

ISC 05 04:02:20.6s.1, 3.4111N:104.7482E:0.02, h5km, 10km, n63, s1949/104, 36C-17D, Kyrgyzstan

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like ARLS, KZA, UCH, etc.

Code Station Name Az Az2 Phase ID Time Res. Rows include stations like DGS, etc.

DGS	28nm,0.2s	eS	Sg	04 03 35.3 +2.6
DGS	44nm,0.4s	eS	Pg	04 03 02.6 -1.1
DGS	28nm,0.2s	Lg	Pg	04 03 02.6
TARG	44nm,0.4s	eP	Pn	04 03 00.4 +0.4
TARG	baz=71	fI/S	Sn	04 03 30.4 +1.1
IZV	12nm,0.3s	eP	Pb	04 03 03.7 +0.2
IZV	24nm,0.3s	eS	Pg	04 03 37.6 +1.7
IZV	12nm,0.3s	Lg	Pg	04 03 03.7 +0.2
IZV	24nm,0.3s	Lg	Lg	04 03 37.6
MTBS	18nm,0.4s	eP	Pb	04 03 04.0 +0.5
MTBS	36nm,0.2s	eS	Sg	04 03 37.4 +1.5
MTBS	18nm,0.4s	Pg	Pb	04 03 04.0 +0.5
MTBS	36nm,0.2s	Lg	Lg	04 03 37.4
TNSS	16nm,0.4s	eP	Pb	04 03 06.4 +0.3
TNSS	15nm,0.6s	eS	Sg	04 03 42.0 +1.3
TNSS	16nm,0.4s	Pg	Pb	04 03 06.4 +0.3
TNSS	15nm,0.6s	Lg	Lg	04 03 41.9
MDOK	19nm,0.2s	eP	Pb	04 03 08.5 0.0
MDOK	28nm,0.6s	eS	Sg	04 03 45.6 +0.3
MDOK	19nm,0.2s	Lg	Pb	04 03 08.5 0.0
MDOK	27nm,0.7s	Pg	Pb	04 03 08.5 0.0
MDOK	19nm,0.2s	Lg	Lg	04 03 45.6
ANVS	19nm,0.4s	iP	Pn	04 03 05.5 +0.5
ANVS	baz=49	iP	Sn	04 03 39.7 +1.5
KOTS	19nm,0.4s	eP	Pb	04 03 10.6 +0.6
KOTS	46nm,0.9s	eS	Sg	04 03 48.9 +0.9
KOTS	19nm,0.4s	Pg	Pb	04 03 10.6 +0.6
KOTS	46nm,0.9s	Lg	Lg	04 03 48.9
TRKS	19nm,0.4s	eP	Pb	04 03 07.9 +1.6
TRKS	baz=80	fI/S	Sb	04 03 43.5 -2.5
KUU	6.0nm,0.4s	iP	Pb	04 03 15.2 +0.6
KUU	43nm,0.3s	fI/S	Sg	04 03 56.8 -0.1
KUU	6.0nm,0.4s	Pg	Pb	04 03 15.2 +0.6
KUU	43nm,0.3s	Lg	Lg	04 03 56.8
SATY	3.2nm,0.2s	eP	Pb	04 03 20.2 +0.4
SATY	25nm,0.3s	eS	Sg	04 04 05.8 -0.9
SATY	3.2nm,0.2s	Lg	Pb	04 03 20.2 +0.4
SATY	25nm,0.3s	Lg	Lg	04 04 05.8
KPKS	5.3nm,0.1s	eP	Pb	04 03 26.8 +0.1
KPKS	13nm,0.3s	eS	Sg	04 04 17.1 -2.6
UZB	2.0nm,0.2s	eP	Pb	04 03 26.6 -0.5
UZB	14nm,0.6s	eS	Pg	04 03 26.6 -0.5
UZB	2.0nm,0.2s	Lg	Lg	04 04 16.9
IUG	301nm,0.6s	eP	Pb	04 03 28.9 +1.8
IUG	23nm,0.2s	eS	Sg	04 04 20.6 0.0
IUG	301nm,0.6s	Pg	Pb	04 03 29.0 +1.8
IUG	23nm,0.2s	Lg	Lg	04 04 20.6
KK31	1.7nm,0.5s,baz=126,slow=28,SNR=5	Pg	Pb	04 03 28.2 +0.4
KK31	6.3nm,0.3s,baz=126,slow=28,SNR=5	Lg	Lg	04 04 21.5
ARXS	6.4nm,0.6s	eP	Pb	04 03 29.2 +0.8
ARXS	12nm,0.2s	eS	Sg	04 04 21.1 -1.9
ARXS	6.4nm,0.6s	Pg	Pb	04 03 29.2 +0.8
ARXS	12nm,0.2s	Lg	Lg	04 04 21.1
BTLS	1.4nm,0.3s	eP	Pg	04 03 33.5 -3.2
BTLS	3.1nm,0.4s	eS	Pg	04 04 28.4 +0.4
BTLS	1.4nm,0.3s	Lg	Lg	04 04 28.4
SHLS	6.9nm,0.2s	eP	Pg	04 03 37.0 -0.5
SHLS	3.1nm,0.4s	eS	Pg	04 04 34.6 +5.2
SHLS	6.9nm,0.2s	Lg	Lg	04 03 37.0 -0.5
SHLS	3.1nm,0.4s	Lg	Lg	04 04 34.6
KTMS	0.2nm,0.0s	eP	Pb	04 03 45.1 +1.1
KTMS	7.1nm,0.4s	eS	Sg	04 04 48.4 -3.8
KTMS	0.2nm,0.0s	Lg	Lg	04 03 45.1 +1.1
KTMS	7.1nm,0.4s	Lg	Lg	04 04 48.4
DJR	2.4nm,0.3s	eP	Pb	04 03 50.0 +3.5
DJR	4.2nm,0.3s	eS	Sg	04 04 56.9 -0.3
DJR	2.4nm,0.3s	Pg	Pb	04 03 50.0 +3.5
DJR	4.2nm,0.3s	Lg	Lg	04 04 56.9

FUNV 05 04:22:26.5, 8°55'N, 71°13'W, h3km, MW3.3
 ISC 05 04:22:26.7-1.3, 8.56N, 0°03:71.06W, 0.03, h20km, gkm,
 n22, c1521/33, 1C-2D, Venezuela

BRRR	Barranca, Sant	3.00 241	eP	Pn	04 23 15.0 +1.9
BAUV	Ei Baul	3.01 83	eP	Pn	04 23 14.9 +1.6
BAUV	Arrejon, Guaj	3.03 324	eS	Pn	04 23 49.1 +0.3
CRUC	Carrejon, Guaj	3.03 324	eS	Pn	04 23 49.1 +0.3
CRUC	Carrejon, Guaj	3.03 324	eS	Pn	04 23 49.1 +0.3
ARGC	Arguon, Magd	3.40 292	eP	Sn	04 23 18.9 +0.2
MONV	Montecano	3.54 18	eP	Sn	04 23 20.9 +0.4
MONV	Belin	3.69 68	eP	Sn	04 24 01.2 -0.6
BENV	Belin	3.69 68	eP	Sn	04 23 23.3 +0.6
BENV	Zaragoza, Cauc	3.91 254	eP	Sn	04 24 05.7 0.0
ZARC	Zaragoza, Cauc	3.91 254	eP	Sn	04 23 24.9 -0.7
TACV	CAICARA DEL OR	4.28 88	eP	Pb	04 23 11.5 +0.7
CACV	Puerto Ayacuch	4.59 102	eP	Pb	04 23 43.6 -3.0
PAYV	Puerto Ayacuch	4.60 133	eP	Pn	04 23 35.3 +0.1
PAYV	Chingaza	4.72 214	eP	Sn	04 24 26.5 -1.6
CHIC	Chingaza	4.72 214	eP	Sn	04 23 39.2 +2.0
BIRV	Biriva	5.09 68	eP	Sn	04 23 43.2 +1.2
BIRV	Biriva	5.09 68	eP	Sn	04 24 39.5 -0.8

TAP 05 04:36:31.8, 24°40'N, 121°70'E, h33km, ML3.6, B
 JMA 05 04:36:32.0-1.1, 24°37'N, 121°69'E, h32km, 2km, M2.8
 ISC 05 04:36:32.1-0.2, 24°38'N, 121°71'E, 0.02, h31km, 4km,
 n126, c0978/173, 4C-20D, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
ENA	Nanau	0.06 33	iP	Sb	04 36 37.5 0.0	
ENA	baz=60	iS	Sb	04 36 41.6 +0.5		
EHP	Heping Village	0.08 156	eP	Pb	04 36 37.4 -0.1	
EHP	baz=152	S	Sb	04 36 42.2 +1.0		
EWUT	Wuta	0.09 45	iP	Pb	04 36 37.5 -0.1	
EWUT	baz=58	S	Sb	04 36 41.9 +0.6		
NACB	Ninganchiao	0.23 206	iP	Pb	04 36 38.5 -0.4	
NACB	baz=208	iS	Sn	04 36 43.6 -0.4		
ETL	Fush Village	0.23 199	eP	Pb	04 36 38.7 -0.3	
NDS	Dongshan	0.25 2	iP	Sb	04 36 38.7 -0.4	
NDS	baz=358	S	Sb	04 36 43.5 -0.4		
ETLH	Kiulin Townshi	0.27 230	iP	Pb	04 36 39.3 -0.1	
ETLH	baz=231	S	Sn	04 36 44.6 -0.6		
ENTT	Nicoudou	0.29 334	iP	Pb	04 36 39.2 -0.3	
ENTT	baz=333	S	Sb	04 36 44.4 -0.3		
TWD	Chiawng	0.32 199	iP	Pb	04 36 39.6 -0.3	
TWD	baz=199	iS	Sn	04 36 45.5 -0.7		
TWE	Neicheng	0.34 354	iP	Pb	04 36 39.9 -0.3	
TWE	baz=357	S	Pb	04 36 45.5 -0.3		
ILA	ilan	0.39 6	P	Pb	04 36 40.6 -0.3	
ILA	baz=3.0	iS	Sn	04 36 47.4 -0.5		
HWA	Hwallien	0.41 193	eP	Pn	04 36 41.6 -0.3	
YHNB	Yeheng	0.42 314	iP	Pb	04 36 41.1 -0.3	
YHNB	baz=305	iS	Sb	04 36 47.0 -0.8		
NSK	Sanguang	0.43 313	iP	Pb	04 36 41.3 -0.3	
NSK	baz=305	iS	Sb	04 36 47.1 -1.0		
NWLT	Wulai	0.44 335	iP	Pb	04 36 41.4 -0.8	
NWLT	baz=334	eS	Pb	04 36 47.4 -0.8		
FUSS	Fushou	0.44 253	iP	Pn	04 36 42.0 -0.6	
FUSS	baz=246	S	Sb	04 36 48.4 -0.2		
ETM	Tongmen	0.46 205	eP	Pb	04 36 41.3 -0.6	
WHF	Heliuan Shan	0.47 240	iP	Pb	04 36 42.3 -0.1	
WHF	baz=238	iS	Sb	04 36 49.3 -0.1		
NTC	Toucheng	0.48 13	iP	Pb	04 36 42.1 -0.3	
TWT	Tachien	0.50 255	P	Pn	04 36 43.1 -0.2	
TWT	baz=247	S	Sn	04 36 50.4 -0.6		
TDCB	Techi	0.52 256	iP	Pb	04 36 43.1 -0.4	
TDCB	baz=248	iS	Sb	04 36 50.2 -0.2		
TEYL	Yanliu Villag	0.52 191	eP	Pn	04 36 43.2 -0.2	
TEYL	baz=199	eS	Sn	04 36 52.2 +1.0		
CHGB	Renai	0.58 237	iP	Pn	04 36 44.1 -0.4	
CHGB	baz=236	iS	Pb	04 36 52.6 -0.5		
TIPB	Shuangxi	0.60 10	P	Pb	04 36 43.9 -0.4	
TIPB	baz=3.0	S	Sb	04 36 52.3 -0.2		
NHHD	Xindian Distri	0.60 344	eP	Pb	04 36 44.0 -0.3	
NHHD	baz=335	S	Pb	04 36 52.4 -0.2		
TWA	Mucha	0.61 349	iP	Pb	04 36 44.1 -0.3	
TWA	baz=349	S	Sb	04 36 52.2 -0.5		
ESL	Shilin	0.62 204	eP	Pb	04 36 43.0 -1.5	
TATO	Taipei	0.62 341	iP	Pn	04 36 44.5 -0.4	
TATO	baz=341	iS	Sn	04 36 52.9 -0.3		
OWD	Renai	0.64 229	eP	Pb	04 36 44.8 -0.3	
OWD	baz=228	eS	Sb	04 36 53.4 -0.5		
NJD	Zhudong	0.67 302	eP	Pb	04 36 45.7 +0.4	
TWBJ	Santiao Chiao	0.68 22	iP	Pn	04 36 45.2 -0.4	
TWBJ	baz=23	iS	Sb	04 36 54.4 -0.2		
TAP1	Taipei	0.68 346	eP	Pn	04 36 44.3 -1.3	
TAP1	baz=345	eP	Pn	04 36 44.0 -1.6		
TEGO	Jichih Village	0.69 193	eP	Pn	04 36 45.4 -0.3	
NSTT	Nanjiang	0.69 291	iP	Pb	04 36 46.0 +0.3	
NSTT	baz=290	iS	Sn	04 36 54.8 -0.7		
NWF	Wu-fen Shan	0.69 6	iP	Pb	04 36 45.6 -0.2	
NWF	baz=354	S	Sn	04 36 55.4 -0.2		
WFSB	Wu-fen Shan	0.69 6	eP	Pn	04 36 45.4 -0.4	
WHP	Taichung City	0.70 262	P	Pb	04 36 46.5 +0.5	
WHP	baz=260	S	Sn	04 36 55.9 0.0		
HSN1	Hsinchu	0.74 302	eP	Pb	04 36 47.0 +0.4	
EGFH	Guangfu	0.75 200	eP	Pn	04 36 45.1 -1.5	
NCUH	Zhongli	0.75 321	eP	Pb	04 36 46.7 -0.1	
NCUH	baz=320	eS	Sb	04 36 58.2 +1.4		

NCU	National Centr	0.75 321	eP	Pb	04 36 47.7 -0.1
NCU	baz=320	eS	Sb	04 36 58.1 +1.3	
TWS1	Kuangyingshan	0.76 340	eP	Pn	04 36 46.3 -0.5
TWS1	baz=347	eS	Sb	04 36 56.8 -0.3	
YM01	YM01	0.77 351	eP	Pn	04 36 46.4 -0.6
SBCB	Hsinchu	0.77 302	eP	Pb	04 36 47.2 +0.1
WPL	Puli Township	0.78 242	eP	Pb	04 36 47.2 0.0
WPL	baz=236	S	Sb	04 36 57.9 +0.4	
DPDB	Guoxing	0.79 244	P	Pb	04 36 47.6 +0.1
DPDB	baz=238	eS	Sb	04 36 58.5 +0.6	
HSN	Hsinchu	0.79 302	eP	Pn	04 36 46.8 -0.4
WCS	Elemen	0.79 246	eP	Pb	04 36 47.9 +0.4
YM08	YM08	0.81 352	eP	Pb	04 36 47.8 0.0
NTST	Danshui	0.81 343	eP	Pb	04 36 48.2 +0.4
ANP	Anpu	0.82 348	eP	Pb	04 36 47.8 -0.2
NJN	Zhunan	0.82 292	eP	Pb	04 36 49.6 +1.7
NMLH	Miaoli	0.85 281	eP	Pb	04 36 49.3 +0.9
NMLH	baz=279	eS	Sb	04 37 00.3 +0.8	
TWQ1	Liyutan	0.85 268	eP	Pb	04 36 49.2 +0.8
TWQ1	baz=267	S	Sb	04 37 01.1 +1.5	
NSY	Sanyi	0.86 273	eP	Pb	04 36 49.0 +0.4
NSY	baz=268	eS	Sb	04 37 01.8 +1.9	
SMLT	Sun Moon Lake	0.89 236	eP	Pb	04 36 49.1 -0.1
TWY	Chenhua	0.90 354	eP	Pb	04 36 49.4 +0.2
SSLB	Suanguang	0.91 230	iP	Pb	04 36 48.9 -0.6
TYC	Yuchr	0.91 239	iP	Pb	04 36 49.2 -0.2
TYC	baz=238	eS	Sb	04 37 01.2 0.0	
HGSD	Ruisui	0.92 196	eP	Pb	04 36 49.3 -0.3
EHY	Hungye	0.94 202	eP	Pn	04 36 48.0 -1.2
TCU	Taichung	0.97 256	eP	Pb	04 36 51.3 +0.9
WDJ	Dajia District	0.97 268	eP	Pb	04 36 50.4 0.0
WDJ	baz=272	eS	Sb	04 37 04.1 +1.1	
WWF	Wufeng	0.98 250	eP	Pb	04 36 51.5 +0.9
WNT1	Nantou City	1.05 244	eP	Pb	04 36 51.9 +0.1
YULB	Yu-li	1.05 201	eP	Pn	04 36 49.2 -1.5
WJS	Zhushan	1.05 238	eP	Pb	04 36 52.5 +0.6
WNT	Mingjian	1.06 242	eP	Pb	04 36 52.8 +0.8
ECBN	Changbin	1.08 193	eP	Pb	04 36 51.9 -0.5
EYUL	Yuli	1.09 199	eP	Pn	04 36 51.4 +0.1
TWF1	Yuli	1.09 200	eP	Pn	04 36 50.3 -1.0
YUS	Yu-Shan	1.12 218	iP	Pn	04 36 52.2 0.0
YJNG	Yonagunijimaku	1.13 86	P	Pn	04 36 52.0 +0.2
YOJ	Yonaguni jima	1.19 86	iP	Sn	04 36 52.8 +0.1
YOJ	baz=79	S</			

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PTBL, VILB, FLOC, SAML, PTGB, TRCB, etc.

GCMT 05 06:06:42.0.0.4, 43.39S-070:02.41.99E, h198km, mb2.5, mvp3.5, 3C-2D Error ellipse: s-maj=37.1km s-min=19.6km az=41.0, Hindu Kush region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KK31, AAK, TKM2, AB31, etc.

JMA 05 06:23:14.6.0.5, 46.106N-143.07E, h0km, M2.6 SKHL 05 06:23:14.9.0.6, 46.10N-143.00E, h10km, mb3.3/1, Sakhalin Island

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like YUK, JWBK, JSE, JRB, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like GRPR, GLVR, NEM2, JNSB, etc.

TRN 05 06:33:44.1, 13.83N-58.31W, h77km, MD3.9 ISC 05 06:33:43.0.2.6, 13.87N-05:58.3W, 0.1, h10km, n26, c120/41, North Atlantic Ocean

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BBSP, BBGH, MPOM, MCLT, etc.

NNC 05 06:40:14.1±0.8, 44.28N-81.66E, h0km, mb3.7, mvp3.3, Error ellipse: s-maj=7.3km s-min=3.7km az=128.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KTMS, DJR, SHLS, KAPS, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like TDK, MAKZ, MK31, SATY, ARXS, etc.

ANF 05 06:52:51.0.0.2, 36.75N-98.15W, h6km, ML4.0/5, ML4-4/13, Error ellipse: s-maj=3.1km s-min=2.6km

NEIC 05 06:52:51.0.1.3, 36.76N-102.98E, h8km, 6km, Error ellipse: s-maj=3.4km s-min=2.3km az=110.0

TUL 05 06:52:50.4.1.2, 36.77N-101.98E, h8km, 6km, ML3.4, mb_Lg3.5/100(NEIC), Error ellipse: s-maj=3.1km s-min=1.7km az=103.0

ISC 05 06:52:50.9.0.8, 36.74N-101.04:98.16W, 0.04, h10km, n93, c1503/73, Oklahoma

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like U32A, T35A, OKCFA, etc.

2015 OCT

Table with columns: RZDA, Call Sign, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like WMOK, KSU1, U38A, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like U32A, U32A, OK009, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like PENMO, MET, 143A, etc.

ANF 05 06:53:02.0.2.0.4.36.76N.98.16W, h5km, Error ellipse: s-maj=4.9km s-min=4.2km az=69.0

NEIC 05 06:53:02.2.2.36.76N.0.004.98.15W.0.005.9hkm,6km, Error ellipse: s-maj=5.7km s-min=0.4km az=86.0

IDC 05 06:53:1.2.2.2.3.635S.129.02E, h0km, mb3.8/1, mb1 3.9/3, mb1mx3.5/3k, mb1tmp3.7/3, ML3.7/2, Error ellipse: s-maj=147.1km s-min=31.8km az=68.0, Banda Sea

ASAR 0.3nm,0.3s,baz=348,slow=11,SNR=24 S Sn 07 00 34.2 -6.7
MKAR Makanchi Array 67.15 327 P P 07 04 07.1 +0.1

TAP 05 07:01:19.0,24:74N:122:31E,h11km,ML3.1,D
JMA 05 07:01:19.3,24:63N:122:39E,h37km,2km,M2.5
ISC 05 07:01:17.1,1.2,24:79N:122:43E:0.02,h9km,9km,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Contains station data for Taiwan region.

ELDTW Lidau 2.05 219 eP Pb 07 01 53.7 -0.9
EDH Donghe 2.08 210 eP Pn 07 01 52.5 +0.3
TPUB Ta-pu 2.21 228 eP Pn 07 01 56.7 -0.6

NNC 05 07:20:42.1,1.8,48:41N:84:19E,h0km,mb3.5,mpv3.5,
Error ellipse: s-maj=14.4km s-min=7.4km az=64.0
SOME 05 07:20:43.4,48:22N:83:75E,h0km

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Contains station data for Kazakhstan region.

IDC 05 07:33:19.6:0.8,27:62N:86:08E,h0km,mb4.1/19,
mb1.4/22,mb1mx4.1/54,mbtmp4.1/22,ML4.0/2, Error ellipse: s-maj=24.9km s-min=13.7km az=43.0

DMN 05 07:33:21.1,0.1,27:71N:86:15E,h10km,ML4.8/3, Error ellipse: s-maj=4.6km s-min=1.6km az=20.0
NEIC 05 07:33:21.9,1.9,27:64N:0:05:86:03E:0.09,h10km,1km, mb4.5/60, Error ellipse: s-maj=13.1km s-min=7.7km az=253.0

NDI 05 07:33:23.7:3.2,27:56N:86:09E,h10km,ML4.2, mb4.5(NEIC)
BUJ 05 07:33:27.4:0.0,27:99N:85:91E,h15km,mb4.4/3, mb4.4/15,ML4.0/1,Ms3.9/7,Mst 3.7/5

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Contains station data for Nepal region.

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Contains station data for various regions including Kyrgyzstan, Kazakhstan, and others.

Table with columns: GCMP, Grenada, Carri, 2.30 259, eP, Pn, 08 00 47.8 +1.1, etc.

IDC 05 08:45:34.4-1.6, 55.95N; 164.37E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.362, mbtmp3.4/5, ML2.3/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/37, Error ellipse: s-maj=54.4km

s-min=23.0km az=160.0, KRSC 05 08:45:35.0-1.0, 55.49N; 164.45E, h16km, 30km, ML4.0, ISC 05 08:45:34.0-1.6, 55.87N; 0.05:164.48E, 0.06, h2km, 14km, n47, c151/60, mb3.6/4, Komandorsky Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, Op, Pn, etc.

NAO 05 08:54:51.8-1.9, 71.95N; 0.21W, ML3.7, IDC 05 08:54:53.5-1.0, 71.89N; 0.47E, h0km, mb3.7/5, mb1 4.1/11, mb1mx3.7/44, mbtmp3.9/11, ML3.7/6, MS3.4/18, Ms1 3.4/18, ms1mx3.2/52, Error ellipse: s-maj=19.9km s-min=15.1km az=63.0

NEIC 05 08:54:54.9-2.0, 71.99N; 0.08:0.6E:0.4, h10km, 11km, mb4.2/6, Error ellipse: s-maj=19.2km s-min=13.5km az=265.0

BER 05 08:54:55.3-1.7, 71.98N; 0.35W, h16km, 15km, ML2.6, ML3.3(DNK), Confirmed Earthquake

DNK 05 08:54:58.2-0.3, 72.08N; 0.76W, h69km, 38km, ML3.3, ISC 05 08:54:57.0-0.7, 72.00N; 0.05:0.88E:0.07, h11km, n122, c190/123, mb4.1/18, MS3.4/15, Norwegian Sea

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

Table with columns: NBB30, Finnes, 6.76 132, eP, Pn, 08 56 35.2 +1.6, etc.

Table with columns: JETT, Jettan, Norway, 6.88 101, Pn, 08 56 37.1 +1.8, etc.

Table with columns: NBB17, Glomfjord Bvr, 6.94 132, eP, Pn, 08 56 37.5 +1.7, etc.

Table with columns: NBB13, Alf Garage, 6.95 135, eP, Pn, 08 56 37.0 +0.8, etc.

Table with columns: NBB40, Tonnes, 6.98 136, eP, Pn, 08 56 37.9 +1.4, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: BRBB, Barentsburg B, 7.00 23, Pn, 08 56 39.2 +2.3, etc.

Table with columns: DAVOX, Davos/Dischmat, 25.64 166, LR, 09 10 12.8, etc.

Table with columns: KBA, Kohnleinsper, 25.67 160, eP, P, 09 00 26.0 +1.7, etc.

Table with columns: MYKA, Terra Mystica, 26.14 160, eP, P, 09 00 30.9 +2.4, etc.

Table with columns: SOKA, Soboth, 26.25 158, eP, P, 09 00 29.6 +0.1, etc.

Table with columns: BELG, Belogomoy, 28.16 109, LR, 09 11 34.6, etc.

Table with columns: MLR, Muntele Ros, 29.11 142, LR, 09 13 01.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

Table with columns: ESDC, Sonev Array, 32.49 187, P, 09 01 24.7 -0.2, etc.

SOME 05 09:11:09.0, 39.60N; 74.10E, h15km, KRNET 05 09:11:13.0-0.1, 39.72N; 74.14E, h9km, mb2.8, NNC 05 09:11:16.0-2.6, 39.90N; 73.87E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=20.0km s-min=10.0km az=166.0, ISC 05 09:11:12.8-1.2, 39.72N; 0.05:74.19E:0.04, h10km, n34, c178/59, 23C-14D, Southern Xinjiang

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, Op, Pn, etc.

Table with columns: KK31, Karatay Array, 4.37 322, Pn, 09 12 20.1 +0.8, etc.

SKHL 05:09:25:09.9:0.2, 45.70N; 151.20E, h104km, 4km, mb5.4/9, msh6.0/8

Main table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC

Main table with columns: SKR, comp=N, 410nm, 0.6s, A, A, 09 27 44.7, etc.

Table with columns: ABKAR, Akbulak array, 58.13 310, P, P, 09 34 52.0 -0.4, etc.

INET 05:09:28:08.0:9.16N-87.61W, h15km, ML3.6, Off coast of Costa Rica

IDC 05:09:30:19.4:3.1, 42.92S; 83.77E, h0km, mb3.9/5, mb1.0/0.5, mb1mx3.8/4.1, mbtmp3.9/5, MS3.8/8, Ms1.3/8.8, ms1mx3.5/2.5, Error ellipse: s-maj=97.2km s-min=25.2km az=127.0

Table with columns: H01W2, Cape Leeuwin H, 24.77 81, T, T, 10 01 38.1, etc.

TIR 05:09:33:16.6, 41.12N-20.02E, h30km, 5km, Md3.2, Ml2.8 PDG 05:09:33:18.1:0.5, 41.116N-20.10E, h6km, Ml2.8/13, Error ellipse: s-maj=0.6km s-min=0.9km az=0.0

BEO 05:09:33:18.8:0.3, 41.118N-20.04E, h0km, Ml2.6/7 THE 05:09:33:18.4:1.16N-20.09E, h0km, 2km, Ml2.4/7, Error ellipse: s-maj=2.6km s-min=1.2km az=349.0

SKO 05:09:33:18.6, 41.163N-20.89E, h24km ATH 05:09:33:20.4, 41.05N-20.24E, h13km, 4km, Ml2.4/5, Error ellipse: s-maj=7.8km s-min=1.9km az=334.0

ISC 05:09:33:18.1:1.1, 41.12N-20.02E, h0km, 10km, n67, c083/105, 12C-5D, Albania

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Nestor, Florina, Podgorica, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Kurbb, Makanchi Array, MK31, etc.

ISC 05 09:40:36.8±1.1, 48.45N±0.07, 18.48E±0.03, h14km±7km, n9, s05/88/14, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Koll, Vyhne, JAVC, etc.

NNC 05 09:43:32.3±0.5, 44.37N±0.89E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=4.7km s-min=2.4km az=122.0

SOME 05 09:43:33.4, 44.38N±0.87E, h5km, ISC 05 09:43:33.1±3.4, 43.36N±0.03, 80.81E±0.03, h5km±1.1km, n43, s1/68/70, 7C-3D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DJR, Kaptarasan, etc.

ISC 05 09:56:51.8±10.0, 32.35N±140.43E, h25km±186km, mb2.8/2, mb1 3.0/3, mb1mx3.2/7, mbtmp3.3/3, Error ellipse: s-maj=166.9km s-min=115.4km az=173.0

Southeast of Honshu

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

NEIC 05 10:00:01.5±1.4, 15.63S±0.08, 74.06W±0.09, h69km±17km, Error ellipse: s-maj=16.4km s-min=1.5km az=48.0

ARE 05 10:00:01.8, 15.70S±0.08, 74.00W±0.1, h83km±8km, ML4.6, mb4.2/(NEIC), Error ellipse: s-maj=20.1km s-min=11.6km az=86.0

ICD 05 10:00:05.8±3.7, 15.57S±73.52W, h116km±39km, mb3.4/3, mb1 3.7/6, mb1mx3.5/27, mbtmp3.8/6, MS2.9/5, Ms1 3.0/5, ms1mx2.8/18, Error ellipse: s-maj=25.5km s-min=17.4km az=31.0

VAO 05 10:00:07.2±1.2, 15.18S±73.88W, h100km±9km, mb4.2, ISC 05 10:00:01.9±0.7, 15.63S±0.06, 73.93W±0.09, h71km±n60, c251/54, mb4.0/5, Southern Peru

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AP01, PSCGX, LPZAX, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IZV, MTBS, etc.

NNC 05 09:34:12.1±2.0, 53.51N±87.96E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=16.7km s-min=9.0km az=55.0

Suspected Mining explosion, ICD 05 09:34:13.1±3.0, 53.59N±87.90E, h0km, mb1 3.1/2, mb1mx3.0/52, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=24.0km s-min=15.3km az=63.0

ISC 05 09:34:11.8±3.7, 53.59N±88.0E±0.2, h0km, n7, s1/45/11, 3C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like I46RU, ZAAO, ZALV, etc.

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

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

Table listing seismic stations with columns for Station Name, coordinates, and other parameters.

GUC 05 10:03:08.5-0.8, 31.705°W, 22.022°N, h25km, 15km, ML2.9, 1D, Off coast of central Chile

Table listing seismic stations in Chile with columns for Code, Station Name, coordinates, and other parameters.

IDC 05 10:23:06.0-1.0, 54.63°N, 19.42°E, h0km, mb1 3.3/6, mb1mx3.2/5.4, mbtmp3.2/6, ML2.9/6, Error ellipse: s-maj=17.0km s-min=12.4km az=73.0

ISC 05 10:23:04.1-1.2, 54.7°N, 01°19.39'E, h10km, n11, c=216/11, Poland

Table listing seismic stations in Poland with columns for Code, Station Name, coordinates, and other parameters.

IDC 05 10:24:46.2-2.7, 36.04°N, 141.63°E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/6.1, mbtmp3.4/4, ML2.4/1, MS2.7/1, Ms1 2.7/1, ms1mx2.3/3.1, Error ellipse: s-maj=65.1km s-min=27.7km az=46.0

NIED 05 10:24:52.8, 35.60°N, 141.04°E, h17km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10¹⁴ NN, M=1.02, Ms=0.56, Mw=1.65, Mn=1.00, Mw-0.03; Ms=1.41; Fault plane solution: Ms2.26000×10¹⁴ NN; q=28.0000°, δ74.0000°, λ-65.0000°. NP2:q=149.0000°, δ30.0000°, λ-145.0000°

JMA 05 10:24:52.7-0.2, 35.60°N, 141.04°E, h17km, 1km, M3.5 JMA Felt 1 J1

ISC 05 10:24:49.1-1.3, 35.65°N, 006.141°E, h10km, n23, c=1506/17, mb3.5/3.3C-1D, Near east coast of eastern Honshu

Table listing seismic stations in Japan with columns for Code, Station Name, coordinates, and other parameters.

IDC 05 10:34:25.4-1.5, 5.68°S, 153.39°E, h0km, mb4.1/7, mb1 4.3/9, mb1mx3.9/4.4, mbtmp4.2/9, ML2.12, MS2.3/3, Ms1 3.2/3, ms1mx2.9/2.7, Error ellipse: s-maj=40.6km s-min=26.0km az=116.0

ISC 05 10:34:32.0-1.3, 5.75°S, 02.153°E, h43km, n12, c=548/10, mb4.0/7, New Ireland region

Table listing seismic stations in New Ireland region with columns for Code, Station Name, coordinates, and other parameters.

Table listing seismic stations in Mexico with columns for Code, Station Name, coordinates, and other parameters.

MEX 05 10:37:45.0-0.5, 16.02°N, 90.26°W, h13km, 851km, MD3.9 GCG 05 10:37:50.7-0.4, 15.82°N, 90.26°W, h87km, 54km, MD3.3 ISC 05 10:37:45.7-3.8, 16.31°N, 02.90°E, h20.2, h35km, n4, c=1532/6, Mexico-Guatemala border region

Table listing seismic stations in Mexico-Guatemala border region with columns for Code, Station Name, coordinates, and other parameters.

TAP 05 10:54:22.6, 24.73°N, 122.35°E, h10km, ML3.0, C JMA 05 10:54:23.0-1.1, 24.66°N, 122.39°E, h32km, 3km, M2.4 ISC 05 10:54:22.9-1.2, 24.71°N, 100.03°E, h20km, 5km, n74, c=976/97, Taiwan region

Table listing seismic stations in Taiwan region with columns for Code, Station Name, coordinates, and other parameters.

RSNC 05 10:57:45.3-0.9, 6.80°N, 73.16°W, h149km, 3km, ML3.2, Mw3.5, Fault plane solution: NP1:q=52.0000°, λ=122.0000°

IDC 05 10:57:46.8-7.4, 5.34°N, 76.71°W, h96km, 80km, mb1 3.4/1, mb1mx2.9/2.1, mbtmp3.8/1, ML2.3/1, Error ellipse: s-maj=305.6km s-min=70.2km az=14.0

ISC 05 10:57:44.6-1.1, 6.84°N, 003.73°W, h153km, 6km, n34, c=1556/65, 4C-4D, Northern Colombia

Table listing seismic stations in Northern Colombia with columns for Code, Station Name, coordinates, and other parameters.

Table listing seismic stations with columns for Code, Station Name, coordinates, and other parameters.

ISC 05 10:57:45.3-0.9, 6.80°N, 73.16°W, h149km, 3km, ML3.2, Mw3.5, Fault plane solution: NP1:q=52.0000°, λ=122.0000°

IDC 05 10:57:46.8-7.4, 5.34°N, 76.71°W, h96km, 80km, mb1 3.4/1, mb1mx2.9/2.1, mbtmp3.8/1, ML2.3/1, Error ellipse: s-maj=305.6km s-min=70.2km az=14.0

ISC 05 10:57:44.6-1.1, 6.84°N, 003.73°W, h153km, 6km, n34, c=1556/65, 4C-4D, Northern Colombia

Table listing seismic stations in Northern Colombia with columns for Code, Station Name, coordinates, and other parameters.

5d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARMA Armadale, CAN Canberra, COEN Coen, TOO Toolangi, BBOO Buecklebo, WRO Warramunga Arr, WBO Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, MTN Mantion Dam, FORT Forrest, KNRA Kununurra, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, SBA Scott Base, VANDA Vanda, MORW Morawa, GSPA South Pole Qui, NVAR Mina Array Bea, K20K Telida, TXAR Lajitas Array, CCB Clear Creek Bu, ILAR Eielson Array, PDAR Pinedale Array.

TAP 05 12:08:20.6, 23.766N, 121.24E, h12km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESL Shilin, EGFH Guangfu, OWD Renai, EHY Hungye, SSSL Suanglung, TEGC Jichi Village, CHGB Renai, ETM Tongmen, HGSD Ruisui, SMLT Sun Moon Lake, YULB Yuli, YUS Yu-Shan, TYC Yuch, WHF Hehuan Shan, HWA Hwalien, EYUL Yuli, TYW Chiawan, ALS Alishan, WJS Zhushan, FUST Fushou, TWT Taicheng, ETCH Xiulin Townshi, NACB Ninganchiao, WNT Mingjian, ETL Bush Village, CHNS Tsauling, FULB Fuli, WHP Taichung City, ELDTW Lidau.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELDTW Taichung, WDLH Douliu, WDLH Douliu, CHKT Chengkung, CHKT Chengkung.

IDC 05 12:27:57.4:1.0, 33.98N:135.24E, h0km, mb3.6/5, mb1 3.7/9, mb1mx3.5/9, mbtm3.6/9, ML3.2/4, MS2.6/3, Ms1 2.6/3, ms1mx2.4/49, Error ellipse: s-maj=19.1km s-min=13.9km az=143.0

NIED 05 12:27:58.7, 34.14N:135.15E, h5km, MW3.7, Moment Tensor Solution... s-maj=24.0km s-min=11.4km az=73.0

JMA 05 12:27:58.7, 34.14N:135.15E, h5km, M3.8, Broadband fault plane solution: P waves... s-maj=24.0km s-min=11.4km az=73.0

Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JWM Minabe, JWM Kouya, JWY Tanabenahech, JTNC Awajishima-nag, JAWN Aoi, JAI Hagi, JHE Hagi, JHE Hagi, JHE Hagi, JKN2 Miekiokoku, JKS Kasai, MAT Matsushiro, MJAR Matsushiro, MJAR Matsushiro, JNU Nakatsue, JNU Nakatsue, JNU Nakatsue, JHJ Hachiojima 2, KRSR Korea Array, KRSR Korea Array, ASAJ Asahikawa, KLR Kuroki, SONM Songo Array, H11N2 WAKE ISLAND Hy 31.55 109 T, H11N1 WAKE ISLAND Hy 31.55 109 T, H11N3 WAKE ISLAND Hy 31.55 109 T, H11S3 WAKE ISLAND Hy 32.08 111 T, H11S1 WAKE ISLAND Hy 32.08 111 T, H11S2 WAKE ISLAND Hy 32.09 111 T, ZALV Zalesovo Beam, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, RAR Rarotonga.

IDC 05 12:31:30.7:2.1, 17.59S:167.25E, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.7/8, mbtm3.8/5, ML3.6/1, MS3.6/1, Ms1 3.6/1, ms1mx3.7/8, Error ellipse: s-maj=51.4km s-min=34.7km az=170

NOU 05 12:31:31.3, 17.61S:167.19E, h0km, MLV.5/14, Vanuatu Islands

NEIC 05 12:31:32.0:0.5, 17.58S:167.3E:0.2, h10km, 4km, mb4.4/7, Error ellipse: s-maj=28.6km s-min=6.9km az=88.0

ISC 05 12:31:33.0:1.7, 17.59S:0.04:167.26E:0.07, h19km, n29, 0.79/31, mb4.1/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Saraoutou, SANVU Saraoutou, MARNC Mare, Loyalty, MARNC Mare, Loyalty, KOUNC Koumac, New Ca, YATNC Mammie plateau, DZM Mont Dzumac, DZM Mont Dzumac, NOUC Port Laguerre, ONTNC Ouen Toro, OUNEC Ouen Island, N, OUNEC Ouen Island, N, PINNC Pines Island, PINNC Pines Island, WBO Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, BBOO Buecklebo, KNRA Kununurra, SIJ Sorong, GSPA South Pole Qui, GSPA South Pole Qui.

180

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ILAR Eielson Array, BCAR Beaver Creek.

IDC 05 12:53:04.0:1.4, 7.45S:154.94E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/42, mbtm3.9/7, ML1.7/1, Error ellipse: s-maj=50.2km s-min=21.5km az=136.0

ISC 05 12:53:08.7:1.4, 7.55S:0.3:155.0E:0.2, h31km, n7, mb3.9/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, KRSR Korea Array, MKAR Makanchi Array, ILAR Eielson Array, NVAR Mina Array Bea.

NEIC 05 12:56:18.4:0.4, 6.5S:0.2:127.3E:0.1, h406km, 15km, mb4.2/3, Error ellipse: s-maj=24.0km s-min=19.2km az=76.0

IDC 05 12:56:19.1:2.0, 6.66S:127.27E, h423km, 30km, mb3.0/4, mb1 3.2/9, mb1mx3.0/35, mbtm4.0/9, Error ellipse: s-maj=40.5km s-min=11.4km az=73.0

ISC 05 12:56:18.2:0.8, 6.60S:0.08:127.38E:0.09, h408km, n23, 0.72/26, mb3.4/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Saumlaki, SOEI Soe, BATI Baumata, BATI Baumata, MTN Mantion Dam, KAPI Kappang, KNRA Kununurra, FITZ Fitzroy Crossi, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WBO Warramunga Arr, WRO Warramunga Arr, COEN Coen, COEN Coen, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, KRSR Korea Array, USRK USSuryisk Arr, USRK USSuryisk Arr, PETK Petrovlevsk, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 05 13:16:34.1:7.7, 6.73S:155.18E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/30, mbtm3.4/3, Error ellipse: s-maj=170.3km s-min=46.4km az=98.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr.

IDC 05 13:39:01.3:0.8, 24.16N:124.75E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.8/48, mbtm3.9/14, ML2.7/2, MS3.4/8, Ms1 3.5/8, ms1mx3.1/45, Error ellipse: s-maj=29.0km s-min=17.5km az=72.0

NEIC 05 13:39:03.1:2.5, 24.23N:0.10:125.24E:0.07, h12km, 5km, mb4.5/6, Error ellipse: s-maj=15.0km s-min=8.6km az=159.0

JMA 05 13:39:05.3:0.2, 24.32N:125.23E, h35km, 6km, M3.7, ISC 05 13:39:03.2:1.6, 24.20N:0.06:125.26E:0.05, h16km, 9km, n99, 1.94/97, mb4.4/33, MS3.4/7, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMJ2 Miyako jima3, JMJ2 Miyako jima3, JOGS Gusukube, JOGS Gusukube, JIRB Irabujima, JIRB Irabujima, JTJ Tarama, JTJ Tarama, JIKM Ikejima, JIKM Ikejima, JISG Ishigakijima, JISG Ishigakijima, JIJ Ishigaki jima, JIJ Ishigaki jima, JKRS Kuro-shima, JKRS Kuro-shima, HATJ Hateruma jima, HATJ Hateruma jima, HATJ Hateruma-Funusu, HATJ Hateruma-Funusu, YOF Yonaguni jima, YOF Yonaguni jima, NACB Nanchangjiao, NACB Nanchangjiao, TATO Taipei, TATO Taipei, YHNB Yeheng, YHNB Yeheng, YULB Yu-hiang, YULB Yu-hiang, YHNB Yeheng, YHNB Yeheng, TWG Pingpu, TWG Pingpu, TPUB Taipei, TPUB Taipei, JNZ Minamidaito 2, JNZ Minamidaito 2, KMZ Chin-men Tao, KMZ Chin-men Tao, KRSR Korea Array, KRSR Korea Array, INU Inuyama, INU Inuyama, JHJ Mitsune, JHJ Mitsune, MJAR Matsushiro Arr, MJAR Matsushiro Arr, JMM Marumori, JMM Marumori, JMM Marumori, MDJ Mudanjiang, MDJ Mudanjiang.

Table with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like ERIM, ASAH, CMAR, etc.

Table titled 'Africa' with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like LBTB, MOPA, etc.

IDC 05 13:58:29.7:2.2,7.65S:129.53E,h0km,mb3.4/1, mb1.3/4,mb1mx3.3/24,mbtmp3.2/4,ML3.1/3,Error

ellipsize: s-maj=64.7km s-min=26.2km az=79.0,Banda Sea

Main table for the 2015 OCT section with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like FITZ, WRA, ASAR, etc.

IDC 05 14:59:35.6:8.9,30.39S:179.74W,h370km,1.02km, mb2.5/2,mb1.2.9/3,mb1mx2.7/34,mbtmp3.5/3,Error

ellipsize: s-maj=104.5km s-min=44.8km az=2.0, Kermaadec Islands region

Table for Kermaadec Islands region with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like URZ, ASAR, etc.

JMA 05 15:04:53.6:24.63N:122.39E,h37km,2km,M3.0

TAP 05 15:04:53.9:24.70N:122.39E,h11km,ML3.6/0

IDC 05 15:04:56.1:1.5,2.04N:121.55E,h0km,mb3.4/3, mb1.3/6.4,mb1mx3.3/42,mbtmp3.5/4,ML3.0/1,MS3.7/1, Ms1.3/7.1,ms1mx2.6/7.1,Error ellipse: s-maj=96.9km s-min=26.2km az=77.0

ISC 05 15:05:51.9:1.2,2.471N:102.22E,43E:0.02,h3km,9km, n117,-05072/222,mb3.3/3,4C-4D,Taiwan region

Table for Taiwan region with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like TWB1, TWB1, etc.

Large table on the right side of the page with columns: Code, Station Name, Azimuth (A° AZ), Phase ID, Time, Res, and other meteorological data. Rows include stations like ILA, EWUT, WUTA, etc.

5d 15h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization. Includes stations like EHY Hungye, JIJ Ishigaki jima, SMLT Sun Moon Lake, etc.

2015 OCT

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization. Includes stations like TSMG, MASBT Mashbululo, MATB Ma-tsu, etc.

182

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization. Includes stations like SEV Sevastopol', BRTR Keskin Array B, AKASG Matin Array B, etc.

IDC 05 15:30.04.9.5.31.29N<140.35E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/28, mbtmp3.4/3, ML2.2/1, Error ellipse: s-maj=355.7km s-min=33.8km az=81.0,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

TAP 05 15:41:45.6, 24.73N:122.38E, h16km, ML2.7, C JMA 05 15:41:46.3, 24.63N:122.40E, h38km, 2km, M1.9 ISC 05 15:41:45.4+1.0, 24.70N:0.02E, 122.41E:0.02E, h17km, 8km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization, Azimuth, Elevation, Frequency, Polarization. Includes stations like TWB1 Santiao Chiao, TWB1, JYNG Yonagunijimaku, etc.

IDC 05 15:11:21.9.0.8, 44.33N:39.28E, h0km, mb1 3.4/4, mb1mx3.2/37, mbtmp3.3/4, ML3.1/4, Error ellipse: s-maj=14.0km s-min=8.1km az=13.0 CFUSG 05 15:11:22.7, 44.38N:39.40E, h5km, mb2.4/4, MD3.0/3, Western Caucasus Magtype MUSH 2.9 from 5 stations MOS 05 15:11:23.3, 0.4, 44.37N:41.41E, h8km, MPA 4.0/0, ISC 05 15:11:23.5, 1.1, 44.35N:0.03, 39.48E:0.02, h18km, 9km, n29, r151/57, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h s ISC. Contains station data for codes like ETM, FUSS, WHF, ES, etc.

KRSC 05 16:00:55.9.1.4.55:35N;165:87E, h38km, 13km, ML4.3
IDC 05 16:00:56.6.1.0.55:65N;165:79E, h0km, mb3.6/7,
mb1 3.9/10, mb1mx3.7/42, mbtmp3.8/10, ML4.1/3, Error
ellipse: s-maj=38.3km s-min=16.2km az=163.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h s ISC. Contains station data for codes like Bering, Krutoberegovo, MYK, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h s ISC. Contains station data for codes like KMNR, KPT, TUMR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h s ISC. Contains station data for codes like H11S2, SPB2, PDAR, etc.

IDC 05 16:18:00.9.0.9.31:30N;86:40E, h0km, mb3.9/11,
mb1 4.0/13, mb1mx3.7/38, mbtmp3.9/13, ML3.7/2, MS3.1/2,
Ms1 3.2/2, ms1mx2.8/33, Error ellipse: s-maj=28.9km
s-min=16.3km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h s ISC. Contains station data for codes like LSA, LSA, GSK, etc.

Table with columns: Country (e.g., BDFB, SNDB), Name (e.g., Brasilia, Serra Nova Dou), Date (e.g., 26.20), Time (e.g., 50), Position (e.g., EP), Azimuth (e.g., P), Elevation (e.g., P), Altitude (e.g., 16 38 56.2), and Offset (e.g., -0.4). Includes various locations like Brasilia, Serra Nova Dou, and Santo Domingo.

Table with columns: Country (e.g., CRJG, PEZE), Name (e.g., Correion, Guaj), Date (e.g., 41.12), Time (e.g., 358), Position (e.g., EP), Azimuth (e.g., P), Elevation (e.g., P), Altitude (e.g., 16 41 04.7), and Offset (e.g., -2.2). Includes various locations like Correion, Guaj, and Santo Domingo.

Table with columns: Country (e.g., SNAAP, SNAAS), Name (e.g., Sanae), Date (e.g., 54.85), Time (e.g., 159), Position (e.g., P), Azimuth (e.g., P), Elevation (e.g., P), Altitude (e.g., 16 42 53.1), and Offset (e.g., +0.5). Includes various locations like Sanae, Sanae, and Santo Domingo.

L64A N47A N47A	baz=172,SNR=8.4	71.90	1	P	P	16 44 44.3	-1.0	
	comp=Z,263nm,1.2s				Iamb			
ALY P40A M52A M52A	72.05 353	P	P	16 44 45.9	-0.4			
	72.06 343	P	P	16 44 46.8	+0.3			
	72.07 352	P	P	16 44 46.5	0.0			
	72.07 352	Iamb	Iamb	16 44 58.3				
M50A M50A	comp=Z,148nm,1.1s	72.15 351	P	P	16 44 46.8	-0.1		
	comp=Z,131nm,1.0s							
BNM L59A L59A	72.16 330	P	P	16 44 48.5	+1.0			
	72.22 357	P	P	16 44 48.3	+0.9			
	72.22 357	Iamb	Iamb	16 45 03.4				
Y22D Y22D	comp=Z,185nm,1.2s	72.22 330	IAMs_20	IAMs_20	17 12 29.6			
	comp=Z,4um,20.0s	72.22 330	P	P	16 44 50.1	+2.3		
	baz=148							
BINY	Binghamton	72.27 357	P	P	16 44 48.9	+1.2		
	baz=176							
L56A L56A	72.31 355	P	Iamb	16 44 48.4	+0.4			
	comp=Z,232nm,1.2s							
WES WES	72.34	0	P	pmax	16 44 48.2	+0.2		
	comp=Z,78nm,1.2s							
WES	comp=Z,2um,19.0s						MLR	MLR
WES	Weston	72.34	0	P	P	16 44 48.2	+0.2	
	HDIL	72.41 346	Iamb	Iamb	16 44 48.1	-0.4		
	HDIL	72.41 346	Iamb	Iamb	16 45 00.2			
HDIL	Hopedale	72.41 346	P	P	16 44 48.9	+0.4		
	comp=Z,312nm,1.4s							
L61B	Northampton	72.42 359	P	P	16 44 49.9	+1.4		
	baz=164							
HRV	Adam Dzewonski	72.47	0	P	P	16 44 50.5	+1.8	
	baz=180							
HRV	Erie	72.49 353	P	Iamb	16 45 01.0			
ERPA ERPA	comp=Z,160nm,1.2s	72.49 353	P	P	16 44 49.6	+0.6		
	baz=172,SNR=6.6							
P38A P38A	Dawn	72.52 342	P	P	16 44 49.0	-0.2		
	comp=Z,210nm,1.1s							
TUC TUC	72.53 326	P	pmax	pmax	16 44 49.8	+0.2		
	comp=Z,175nm,1.5s							
TUC TUC	72.53 326	P	Iamb	P	16 44 49.8	+0.2		
	comp=Z,175nm,1.4s							
TUC TUC	72.53 326	P	P	16 44 51.2	+1.6			
	72.53 326	P	P	16 44 51.5	+1.9			
	baz=145							
K62A K62A	Royalston	72.63 359	P	Iamb	16 44 50.5	+0.7		
	comp=Z,350nm,1.5s							
WVNY WVNY	West Valley, N	72.66 355	P	Iamb	16 44 50.6	+0.7		
	comp=Z,214nm,1.2s							
ANMO ANMO	Albuquerque	72.77 331	P	pmax	16 44 52.3	+1.3		
	comp=Z,206nm,1.5s							
ANMO ANMO	Albuquerque	72.77 331	P	MLR	16 44 52.3	+1.3		
	comp=Z,4um,20.0s							
ANMO ANMO	Albuquerque	72.77 331	IAMs_20	IAMs_20	17 12 11.9			
	comp=Z,4um,20.0s							
ANMO ANMO	Albuquerque	72.77 331	P	P	16 44 52.7	+1.7		
	72.77 331	P	P	16 44 52.9	+1.9			
	baz=149							
ANMO	Albuquerque	72.77 331	S	S	16 54 17.0	+1.8		
K57A	Scipio Center	72.83 356	P	P	16 44 51.0	0.0		
N41A	Harden Midland	72.89 345	P	P	16 44 51.0	-0.4		
KSU1 KSU1	Kansas State U	72.90 340	Iamb	Iamb	16 44 51.3	+0.1		
	comp=Z,353nm,1.5s							
KSU1	Kansas State U	72.90 340	P	P	16 44 51.8	+0.4		
	baz=158,SNR=6.0							
KSU1	Mt. Morris Dam	72.92 355	P	P	16 44 51.9	+0.4		
	comp=Z,261nm,1.4s							
R32A R32A	Long Quarter,	72.93 338	P	Iamb	16 44 52.0	+0.3		
	comp=Z,277nm,1.2s							
M44A M44A	Midewin, Midew	72.96 347	P	Iamb	16 44 51.4	-0.4		
	comp=Z,234nm,1.2s							
AAM AAM	Ann Arbor	73.11 351	P	P	16 44 52.6	-0.1		
	baz=169							
L46A L46A	Eue Claire	73.24 349	P	Iamb	16 44 52.8	-0.6		
	comp=Z,140nm,1.1s							
214A	Organ Pipe Nat	73.25 324	P	P	16 44 55.9	+2.1		
	baz=144,SNR=9.7							
LIC	Lamto	73.26 72	eP	P	16 44 53.4	-0.8		
	comp=Z,377nm,1.6s							
J61A J61A	Chester	73.31 359	P	Iamb	16 44 54.6	+0.8		
	comp=Z,263nm,1.5s							
J56A MEDO	Medina	73.40 356	P	P	16 44 54.3	+0.1		
	73.40 355	P	P	16 44 53.7	-0.6			
J58A K50A K50A	Remsen	73.40 357	P	P	16 44 54.2	-0.1		
	73.44 352	Iamb	Iamb	16 44 54.4	-0.2			
	16 45 06.0							
J55A J55A	Hilton	73.45 355	P	Iamb	16 44 54.5	-0.1		
	comp=Z,208nm,1.5s							
J59A J59A	Piesco	73.47 358	P	Iamb	16 44 54.4	-0.4		
	comp=Z,210nm,1.5s							
J57A J57A	Williamstown	73.48 357	P	Iamb	16 44 55.2	+0.4		
	comp=Z,169nm,1.4s							
TIC	Toumodi	73.50 72	eP	P	16 44 54.8	-0.8		
J54A N38A KIC	Appleton	73.52 355	P	P	16 44 55.2	+0.3		
	73.55 343	P	P	16 44 55.5	+0.3			
	73.57 72	eP	P	16 44 55.2	-0.8			
CBKS CBKS	Cedar Bluff	73.62 337	P	pmax	16 44 56.5	+0.7		
	comp=Z,637nm,1.4s							
CBKS CBKS	Cedar Bluff	73.62 337	P	P	16 44 56.5	+0.7		
	comp=Z,800nm,20.0s							
CBKS CBKS	Cedar Bluff	73.62 337	P	P	16 44 56.8	+1.1		
	baz=155,SNR=7.1							
DBIC DBIC	Dimbokro	73.65 72	P	P	16 44 56.5	0.0		
	comp=Z,92nm,1.0s, baz=226,slow=5.1,SNR=38							
DBIC DBIC	Dimbokro	73.65 72	P	pmax	16 44 56.3	-0.1		
	comp=Z,271nm,1.4s							
DBIC DBIC	Dimbokro	73.65 72	P	Iamb	16 44 56.3	-0.1		
	comp=Z,271nm,1.4s							
L44A L44A	Hanover	73.67 359	P	P	16 44 57.0	+1.2		
	73.69 347	P	P	16 44 56.1	0.0			
	73.69 347	Iamb	Iamb	16 45 07.8				
L44A	Lake County Fo	73.69 347	P	P	16 44 55.9	-0.1		
	comp=Z,203nm,1.1s							
T25A T25A	Trinidad	73.82 333	P	P	16 44 59.0	+1.8		
	73.82 333	P	P	16 44 59.2	+1.9			
	baz=151,SNR=43							
T25A	Trinidad	73.82 333	S	S	16 54 30.9	+3.8		
	baz=151							
L42A L42A	Oliver, Polo	73.87 346	P	Iamb	16 44 57.0	-0.2		
	16 45 09.7							

X18A X18A	comp=Z,371nm,1.4s	73.96 328	P	Iamb	16 44 59.2	+1.1		
	comp=Z,350nm,1.5s							
NCB A63A I63A	Newsomb	73.97 358	P	P	16 44 58.4	+0.7		
	OTisfield	74.02	1	Iamb	16 44 59.4	+1.5		
	comp=Z,438nm,1.4s							
PECO LBNH LBNH	Prince Edward Libson	74.06 356 74.20 360	P P	pmax	16 44 58.5 16 44 59.9	+0.4 +0.9		
	comp=Z,127nm,1.3s							
LBNH	comp=Z,2um,20.0s	74.20 360	P	P	16 44 59.9	+0.9		
LBNH LBNH	Libson	74.20 360	P	P	16 45 07.7	+1.7		
	baz=180,SNR=9.0							
LBNH	baz=180							
J47A J47A	Sunmer	74.20 350	P	Iamb	16 44 58.8	-0.2		
	comp=Z,307nm,1.2s							
N35A L40A K43A K43A	Tabor	74.25 341	P	P	16 44 59.4	0.0		
	Anamosa	74.27 345	P	P	16 44 59.3	-0.1		
	Burlington	74.28 347	Iamb	Iamb	16 44 59.3	+0.2		
	comp=Z,164nm,1.2s							
W18A W18A	Petrified Fore	74.35 328 74.35 328	P P	P	16 45 01.5	+1.2		
	baz=146,SNR=12							
I13A H62A X16A X16A	Mohawk Valley, Milan Lo Mia Camp, P	74.39 324 74.53	P P P	P	16 45 01.1 16 45 03.1 16 45 16.0	+0.8 +1.1 +1.5		
	comp=Z,310nm,1.3s							
SCIA SCIA	State Center	74.59 343	P	P	16 45 01.5	+0.2		
	State Center	74.59 343	P	P	16 45 02.2	+0.9		
	baz=161,SNR=8.9							
SCIA	baz=161							
I49A I49A	Point Hope	74.61 352	P	Iamb	16 45 00.8	-0.6		
	comp=Z,181nm,1.1s							
LONY LONY	Lake Ozonia	74.63 358	P	Iamb	16 45 01.9	+0.4		
	comp=Z,180nm,1.5s							
LONY LONY	Lake Ozonia	74.63 358	P	P	16 45 02.5	+1.0		
	baz=177,SNR=11							
DELO SDCO SDCO	Deloro Mine	74.68 356	P	P	16 45 02.0	+0.2		
	Great Sand Dun	74.78 333	Iamb	Iamb	16 45 04.2	+1.3		
	comp=Z,147nm,1.2s							
SDCO	comp=Z,3um,19.0s							
SDCO								

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEW, ZHG, F05D, etc.

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

Table of station data for the 5d 17h period, including columns for station name, coordinates, elevation, and various performance metrics.

Table of station data for the 2015 OCT period, including columns for station name, coordinates, elevation, and various performance metrics.

Table of station data for the 192 period, including columns for station name, coordinates, elevation, and various performance metrics.

Technical notes and error ellipses for stations IDC 05 17:17:58.9, JMA 05 17:17:59.2, and JMC 05 17:17:58.6, providing precise coordinate and orientation data.

Honshu

Table listing station names and coordinates for the Honshu region, including stations like JNTK, JHE, JKE, and JMW.

Technical notes for station IDC 05 17:30:53.4, providing coordinate and error ellipse information.

Technical notes for station NEIC 05 17:30:53.2, providing coordinate and error ellipse information.

Technical notes for station GUC 05 17:30:56.7, providing coordinate and error ellipse information.

Technical notes for station VAO 05 17:31:22.1, providing coordinate and error ellipse information.

Technical notes for station ISC 05 17:30:52.9, providing coordinate and error ellipse information.

Table listing station names and coordinates for the ISC region, including stations like CO06, CO05, CO04, and CO03.

5d 17h

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like Denali Highway, Denali Highway, Minto, Yukon-K, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sand Creek, Toolik Lake Re, Toolik Lake Re, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sitka, Sitka, Besse Mountain, etc.

Table of flight data for 2015 OCT, 197. Columns include station call letters (e.g., PFO, PFL), frequency (e.g., 48.05), power (e.g., 87), and various status indicators (e.g., P, S, I, LR).

Table of flight data for 2015 OCT, 198. Columns include station call letters (e.g., ULM, ULM), frequency (e.g., 49.68), power (e.g., 57), and various status indicators (e.g., P, S, I, LR).

Table of flight data for 2015 OCT, 199. Columns include station call letters (e.g., ANMO, ANMO), frequency (e.g., 53.30), power (e.g., 78), and various status indicators (e.g., P, S, I, LR).

5d 17h

2015 OCT

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like DYG2, U32A, N38A, JFWS, L40A, AR40, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like HPIG, R40A, U38A, MK31, MKAR, MKAR, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like PRGR, OLIL, K50A, WHAR, PBMO, S44A, SIUC, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like KLNR, KLIMOVSKOE, WI Miller and, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like BTLS, AAA, NCB, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like KZAZ, DIBR, WVL, etc.

5d 17h

Table with columns: Name, Comp, Z, Freq, P, S, SNR, etc. Includes entries like BRYW Bryant College, DZA Taraz, SKAR Skarslia, etc.

2015 OCT

Table with columns: Name, Comp, Z, Freq, P, S, SNR, etc. Includes entries like NHSC New Hope, RGRS Roger Stewart, DZJ DZJ, etc.

200

Table with columns: Name, Comp, Z, Freq, P, S, SNR, etc. Includes entries like PPT Papeete, PPT2 Papeete, PPT2 Papeete, etc.

5d 21h

Table with columns: YNE, comp=N, IAML, Pn, P, etc. containing station names like Miror Lake P, Ogallala, GCMT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station names like Nonsavu, MSVF, MSWZ, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station names like Malin Array B, Keskin Array B, CLL, etc.

204

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station names like Schefferville, Alice Springs, WRR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDOK, AAA, AAK, KNCDC, KOTS, AML, FRU1, SATY, DGS, CHMS, EKS2, UZB, KTBS, USP, KPKS, SHLS, CHHK, KUU, MRKS, MNAS, KTMS, DJR, KK31, MK31, OTUK.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANNE, ANPK, PLBL, ANPB, PLK3, PLK1, PLK5, CHGN, CHGN, CHGN, KJL, CAHL, YNHG, CHIR, CHIR, CHIR, VNSG, KABU, KABR, KATR, WFGF, KVTA, SII, KAKM, KAWH, OHAK, OHAK, SDPT, SDPT, SDPT, SDPT, Q19K, Q19K, Q19K, Q18K, O18K, P19K, P19K, P19K, O19K, O19K, O19K, N18K, N18K, N18K, O20K, O20K, HOM, HOM, HOM, CNPM, N19K, N19K, N19K, RED, RDWB, RSO, NCT, SVW2, SVW2, DFR, BRK, BRSE, BRSE, BRSE, SPCR, SPCR, SEW, SEW, M19K, M19K, M19K, O22K, O22K.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L19K, L19K, L19K, FIS, SUSA, SUSA, RC01, RC01, L20K, SKT, SKT, PWL, PMR, Q23K, Q23K, Q23K, MID, K21K, KNK, UNV, UNV, PPLA, GLI, GLI, GLI, H20K, K20K, SML, SML, FID, EYAK, EYAK, EYAK, CAST, CAST, SCM, DIV, WAT1, KTH, KAM, KAIM, KLU, KLU, CHUM, TRF, TRF, RAGM, WAT6, J20K, J20K, HMT, M24K, M24K, BMRM, BMRM, RND, SUCK, BPAW, BPAW, BERG, DHY, DHY, DHY, MCK, N25K, N25K, SNH, BWN, GLB, CRQM, CRQE, WAX, VRD, TGI, PAX, PAX, PAX, MCAR, MCAR, ISLE, MESA, MESA, NEA2, NEA2, I21K, I21K, MLY, MLY, YAH, WRH, GRNC, CCB, H21K, H21K, HDA, BARN, M26K, M26K, I23K, I23K, CTG, CTG, MDM, RIDG, RIDG, RIDG, TCOL, COLA, L26K, LOGN, IMAR, IL31, ILAR, ILAR, ILAR, DOT, PCA, PINM.

IDC 06:00:08:51.0-0.8, 56:95N:157:33W, h0km, mb3.9/12, mb1.4/15, mb1mx3.9/49, mbmp3.9/15, ML3.9/3, MS3.5/16, Ms1.3/5/16, ms1mx3.3/44, Error ellipse: s-maj=19.3km

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Edge Creek, Sand Creek, Salcha River, Yukon River, Moose Creek, Beaver Creek, etc.

comp=Z,0.7nm,0.3s,baz=11,slow=5.7,SNR=5.8
WRA Warramunga Arr 95.53 242 P P 00 22 18.2 +0.8

DDA 06 00:12:02.3,34.73N,271.16E,h7km,3km,ML2.7
THE 06 00:12:02.7,34.69N,26.53E,h0km,3km,ML2.1/3,Error
ellipse: s-maj=5.2km s-min=1.6km az=172.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZKR Zakros, STIA Sitia Lasithi, FRMA lerapetra Chan, NPS Neapolis, etc.

NNC 06 00:31:14.5,4.3,36.82N,171.29E,h144km,102km,mb3.0
mpv3.9,Error ellipse: s-maj=40.3km s-min=31.9km az=7.0

ISC 06 00:31:07.0,1.2,36.35N,0.07,71.20E,0.10,h100km,n30,
z=209/35,3C-2D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GAR Garm, CHKR Chuyangaron, DRK Karayak, BTK Batken, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Shizi, Hengchun, Taimai, Hengchun, etc.

IDC 06 01:02:44.3,1.4,31.99S,71.90W,h0km,mb3.7/4,
mb1.3/8,mb1mx3.6/25,mbtm3.6/8,ML3.6/4,MS3.2/2,
Ms1.3/2,ms1mx2.9/17,Error ellipse: s-maj=40.8km
s-min=22.3km az=100.0

GUC 06 01:02:48.0,0.9,32.12S,71.83W,h26km,4km,ML3.9
ISC 06 01:02:46.1,8.3,32.07S,0.03,71.85W,0.06,h12km,12km,
n35,c086/40,mb3.8/4,8C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Catapilco, Fray Jorge, Peldehue, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VAO5, MT05, MT05, etc.

WEL 06:01:24:40.1-0.6,34'S-10°18'0W,2.3,h33km,M4.4/18, mB4.9/6,ML4.4/2,MLV4.6/18,Mw(mB)4.2/6, Error ellipse: s-maj=0.0km s-min=0.0km az=112.3, South of Kermadec Islands

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

NEIC 06:01:43:43.6-1.0,7.29S;0°07:06:28E;0.06,h47km,7km, mb4.1/7, Error ellipse: s-maj=11.1km s-min=8.2km az=153.0

DJA 06:01:43:46.3-0.2,8'S;3°10'6E,,h51km,5km,M4.9/29, mB5.7/6,mb4.9/16,MLV4.7/29,Mw(mB)5.2/6

NEIC 06:01:43:49.7-1.3,6.86S;106.68E,h105km,1km,mb3.7/9, mb1.3/9,mb1mx3.6/32,mbmp4.1/9,MS3.2/3,ms1mx2.8/31, Error ellipse: s-maj=29.6km s-min=17.7km az=52.0

ISC 06:01:43:44.7-0.6,7.48S;0°05:106.42E;0.05,h50km,n76, c=198/68,mb4.0/11,Jawa

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

Table with columns: LEM, S, Sn, etc. Includes stations like LEM, LEM, LEM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR, H0S2, H0S3, etc.

IDC 06:02:00:55.5-0.8,31.63S;71°79W,h0km,mb4.3/7, mb1.4/3,1,mb1mx1.1/26,mbtmp4.2/11,ML3.9/4,MS3.6/6, mb1.3/5,ms1mx3.2/24, Error ellipse: s-maj=29.3km s-min=9.5km az=94.0

NEIC 06:02:00:57.5-1.6,31°69S;0°03:72',10W,0'08,h21km,4km, mb4.6/17,Mw14.2/44,ML4.3(GUC), Error ellipse: s-maj=9.4km s-min=4.1km az=90.0

VAO 06:02:00:57.7-0.5,31.72S;72°09W,h26km,mb4.4

NEIC 06:02:00:57.6,31°69S;72°11W,h24km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr2/24; Mw0.44; Mw-2.68; Mn-0.00; Mw-0.04; Mr-1.10; Fault plane solution: Ms2.7200x10^15 Np1.0x180.45000°, h57.01000°, h89.75000°. NP2.0x0.90000°, h32.90000°, h90.38000°. Principal axes: T 2.4712, P1g78.0000°, Azm39.00000°, N 0.4404, P1g0.0000, Azm181.0000; P -2.9116, P1g12.0000; Azm271.0000;

GUC 06:02:00:58.5-0.9,31°67S;71°92W,h40km,kM,ML4.3

ISC 06:02:00:56.5-1.4,31.69S;0°02:72'00W;0.06,h12km,8km, n131,c=95/138,mb4.5/11,9C-ID,Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CO06, CO06, etc.

Table with columns: CO03, EI Pedregal, 1.40, 53f, eP, Pn, etc. Includes stations like CO03, CO03, etc.

Table with columns: VAO5, Santo Domingo, 1.99, 171f, eP, Pn, etc. Includes stations like VAO5, VAO5, etc.

Table with columns: CPUP, Villa Florida, 13.89, 71f, eP, Pn, etc. Includes stations like CPUP, CPUP, etc.

Table with columns: BDFB, Brasilia, 27.07, 59f, P, Iamb, etc. Includes stations like BDFB, BDFB, etc.

6d 2h

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like TXAR Lajitas Array, DBIC Dimbokro, MAW Mawson, etc.

IDC 06 02:23:17.9:2.0, 1.85N:127.36E, h0km, mb4.1/3, mb1.4/3.4, mb1mx3.7/39, mbtmp.4/14, ML4.0/1, Error ellipse: s-maj=108.8km s-min=24.5km az=70.0

NEIC 06 02:23:31.8:0.7, 1.7N:0.1x127.3E:0.1, h117km, 8km, mb4.2/14, Error ellipse: s-maj=15.4km s-min=14.4km az=127.0

ISC 06 02:23:29.0:0.9, 1.87N:0.09x127.4E:0.1, h112km, n25, az=150.27, mb4.1/10, Halmahera

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like TINTI Ternate, SGSI Sangihe, GTOI Gorontalo, etc.

KRNET 06 02:27:16.8:0.1, 41.185N:79.25E, mb3.2

SOME 06 02:27:16.5: 41.73N:79.32E, h10km

NINC 06 02:27:17.2:0.9, 41.75N:79.34E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=5.9km s-min=3.4km az=156.0

ISC 06 02:27:17.0:1.5, 41.71N:0.06x79.34E:0.1, h10km, n53, az=143/92, 17C-11D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like TARG Taragay, SHLS Shalkode, UZB Uzynbulak, etc.

2015 OCT

Main table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like KPKS 347nm,0.3s, KTMS Ketmen, etc.

210

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, KK31 Karaty Array, etc.

6d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NWLT, NWF, YHNB, etc. with their respective coordinates and data.

2015 OCT

Main table of station data for October 2015. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H10N3, H10N2, H10N1, etc.

1212

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TOL12, WBO, WRAB, etc. Includes some additional notes at the bottom.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KST Kasek, GAR Garm, DGS Degeres, etc.

IDD 06 04:24:12.0±1.9, 49.92N: 18.53E, h0km, mb1 3.5/4, mb1mx3.2/42, mbmp3.4/4, ML2.6/4, Error ellipse: s-maj=32.8km s-min=11.5km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAC Raciborz, Ostrava-Krasne, MORC Moravsky Berou, etc.

IDD 06 04:25:28.7±4.1, 36.23N: 71.46E, h64km±35km, mb3.6/5, mb1 3.7/8, mb1mx3.3/53, mbmp3.9/8, ML3.9/4, Error ellipse: s-maj=36.4km s-min=26.2km az=23.0

NCC 06 04:25:37.4±2.3, 36.82N: 71.45E, h140km±65km, mb3.1, mpV3.9, Error ellipse: s-maj=38.1km s-min=32.9km az=149.0

ISC 06 04:25:32.4±1.3, 36.5N: 01.7130E, h0.08, h100km, n15, c174/20, mb3.7/4, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, AB31 Aktyubinsk, etc.

Table with columns: ZALV, FINES, HFS, NOA, WRA. Includes Zalesovo Beam, FINESS Array B, Hagfors, NORSTAR Array B, Warrungunga Arr.

SJA 06 04:51:39.3±0.6, 30.24S: 72.59W, h12km±3km, ML4.8, MW5.1, GCMT 06 04:51:44.8±0.4, 30.26S: 0.03: 72.52W: 0.03, h24km±1km, MW5.0/75, Moment Tensor Solution, s27, c27, s75, c27; Duration: 0 Moment Tensor Solution, s27, c27, s75, c27; M0: 0.06±.12; M1: 3.28±.16; M2: 0.95±.14; M3: 5.1±.08; M4: 1.5±.18; Best double couple: M3 63200±1016; NP1: 342.0000°; 834.0000°; 1.75.0000°; NP2: 0±181.0000°; 857.0000°; 1.100.0000°; Principal axes: T1 3.6070, P1g75.0000°, Azm120.0000°, N 0.0510, P1g9.0000°, Azm355.0000°, P -3.6580, P1g12.0000°, Azm263.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 06 04:51:45.3, 30.29S: 72.22W, h13km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; M1: 1.9; M2: 0.21; M3: 1.40; M4: 0.33; M5: 0.08; M6: 0.07; Fault plane solution: Ms1.5000x10^16 Np1.9±166.52000, 842.72000°, 1.66.79000°; NP2: 9±19.55000°; 846.31000°, 1.114.18000°; Principal axes: T1 2.9943, P1g73.0000°, Azm7.0000°; N 0.1070, P1g17.0000°, Azm182.0000°; P -1.4013, P1g1.0000°, Azm273.0000°;

NEIC 06 04:51:45.8±1.4, 30.26S: 0.03: 72.10W: 0.05, h12km±3km, mb5.0/121, Mw4.7/40, ML4.6(GUC) Error ellipse: s-maj=6.3km s-min=3.4km az=70.0

GUC 06 04:51:45.0±0.7, 30.37S: 72.20W, h27km±14km, ML4.6, IDC 06 04:51:47.5±0.7, 30.35S: 71.95W, h25km±3km, mb4.2/11, mb1 4.4/15, mb1mx4.2/32, mbmp4.4/15, ML4.1/4, MS4.1/9, MS1.4.1/9, ms1mx3.8/21, Error ellipse: s-maj=23.1km s-min=17.7km az=55.0

VAO 06 04:51:48.7±0.8, 29.96S: 71.74W, h10km, mb4.6, ISC 06 04:51:45.3±0.8, 30.34S: 0.03: 72.21W: 0.04, h17km±4km, n2B2, c131/296, mb5.0/61, MS4.2/9, 2C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Fray Jorge, La Serena, El Pedregal, Cuesta del Vie, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PVAQ, PBEJ, EGRO, EVO, PMTG, PBAR, PESTR, EMIN, EBAD, PCAS, PMRV, ESPR, AVE, ECU, SMIR, ZHG, MTE, ECAB, ECAB, CHEFC, PVIS, PVIS, EAH, EPLA, EADA, POLO, MVO, MVO, EGRO, IFR, LCRM, OUK, ELOB, PGAV, EGZAM, ELGU, ELGU, CZD, PAB, PAB.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EQU, TTIG, PBRG, PBRG, MD31, ECAL, ECAL, MDT, MDT, MDT, ESDC, EQES, EQES, EMAZ, GUD, TZRR, JBK, EPON, ETOB, EARI, EARI, TDRA, TDRA, ETOR, ETOR, ETOR.

IDC 06 05:39:03.4, 0.9, 18.35N, 104.70W, h0km, mb3.8/6, mb1.4/2.9, mb1mx3.9/37, mbtmp3.9/9, ML3.9/3, MS3.5/4, Ms1.3/4.4, ms1mx3.1/31, Error ellipse: s-maj=29.2km s-min=15.7km az=57.0

NEIC 06 05:39:04.8, 2.6, 18.51N, 104.51W, 0.05, h1km, 5km, Error ellipse: s-maj=7.9km s-min=5.9km az=136.0

MEX 06 05:39:07.3, 1.9, 18.52N, 104.57W, h21km, 57km, MD3.9

ISC 06 05:39:05.0, 2.9, 18.51N, 104.51W, h12km, 19km, n11.4, s165/105, mb4.1/24, MS3.3/3, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other technical details. Includes stations like R15V, COIG, COIG, CHAMELA, AQUILA, AQUILA, EZSV, EZSV, ZIIG, ZIIG, MOIG, MOIG, JROG, JROG, JROG, ZACATECAS, ZACATECAS, ZACATECAS, UNM, UNM, H06E1, H06E1, H06N1, H06N1, SLBS, HPIG, CMIG, CMIG, TX31, TX32, TXAR, TXAR, TXAR, TXAR, TXAR, TXAR, CCIG, MNTX, 319A, ABTX, WHTX, TUC, MTO3, MTO3, 214A, MISTX, 237A, BNM, 113A, ANMO, ANMO, X16A, X16A, Y14A, Y14A, GLA, GLA, WUAZ, WUAZ, PFO, PFO, TUL1, TUL1, U15A, U15A.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDCO, KNB, PV01, PV05, LCMT, LCMT, GSC, GSC, PV03, PV03, PV18, PV18, PV15, PV15, PV17, PV17, QSM, QSM, MTPU, MTPU, GUY, GUY, PRN, PRN, MSU, MSU, MVU, MVU, ISA, ISA, Q16A, Q16A, TCRU, TCRU, ISCO, ISCO, TMUT, TMUT, P17A, P17A, LCH, LCH, R11A, R11A, RDMU, RDMU, DUG, DUG, MDPE, MDPE, CTU, CTU, NV11, NV11, NVAR, NVAR, NVAR, NVAR, ELK, ELK, PDAR, PDAR, PAHR, PAHR, BEKR, BEKR, REDW, REDW, REDW, TPWA, TPWA, LOHW, LOHW, FXWY, FXWY, HLD, HLD, HLD, WVOR, WVOR, J08A, J08A, YLM, YLM, YLM, LPAZ, LPAZ, ILAR, ILAR, H03N2, H03N2, H03N1, H03N1, H03N3, H03N3, BDFB, BDFB, BDFB, WRA, WRA, ASAR, ASAR, MAW, MAW.

GUC 06 05:50:56.7, 0.5, 32.23S, 71.68W, h31km, 3km, ML3.7, IDC 06 05:50:59.6, 1.9, 32.50S, 70.99W, h0km, mb1.3/8.2, mb1mx3.4/23, mbtmp3.6/2, ML3.8/2, Error ellipse: s-maj=140.1km s-min=34.5km az=105.0

ISC 06 05:50:55.0, 1.7, 32.16S, 71.83W, 0.08, h14km, 10km, s196/35, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other technical details. Includes stations like VA06, VA06, VA06, VA01, VA01, VA03, VA03, VA03, VA03, VA03, VA05, VA05, VA05, MT05, MT05, MT05, CO03, CO03, CO03, MT09, MT09.

6d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT09, MT09, MT01, LMEL, LMEL, etc.

INET 06:05:51.56, 12.70N, 87.43W, h69km, MW3.6

SNET 06:05:51.56, 10.1, 12.56N-88.00W, h29km, 5km, ML3.2, 2D, Near coast of Nicaragua

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

IDC 06:00:36.8, 7.9, 31.97S, 179.68E, h400km, 93km, mb2.9/2, mb1.3/3, mb1mx2.9/36, mbmt3.9/3, Error ellipse: s-maj=101.9km, s-min=37.8km, az=6.0

ISC 06:00:40.2, 2.2, 32.0S, 0.1, 179.1E, 0.3, h400km, n14, 0.146/14, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, HAZ, PKGZ, etc.

INET 06:02:43.4, 10.99N, 87.32W, h24km, MW4.0

IDC 06:02:50.1, 1.0, 11.58N-86.82W, h0km, mb4.0/7, mb1.4/2/9, mb1mx3.9/37, mbmt4.0/9, ML3.72, MS3.0/5, Ms1.3.0/5, ms1mx2.8/32, Error ellipse: s-maj=43.7km, s-min=14.2km, az=48.0

UCR 06:02:53.2, 2.0, 11.38N-87.13W, h32km, 15km, ML3.4, MW4.3, mb4.5(NEIC)

SNET 06:02:54.6, 1.2, 11.75N-87.21W, h149km, 47km, ML3.6

NEIC 06:02:54.6, 1.8, 11.37N-0.05-87.03W, 0.7/0, h31km, 6km, mb4.5/49, Error ellipse: s-maj=10.8km, s-min=6.3km, az=5.0

ISC 06:02:52.9, 1.7, 11.39N-0.06-87.08W, 0.0/6, h24km, 13km, n124, 0.190/121, mb4.5/29, MS3.1/3, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNGN, CRIN, HZTE, etc.

2015 OCT

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCND, LCND, LCND, JUCU, JUCU, etc.

216

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIV, AGMN, REDW, REDW, SNOW, etc.

NEIC 06:06:07.32, 7.25, 25S-70.45W, h51km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr2.10, M1=0.20, M2=0.08, M3=0.70, Ms0.27, Mw=2.51, Fault plane solution: Ms3.36000-1015 NP1=165.36000, 370.71000, 1.85, 10000, NP2=359.89000, 819.88000, 1.103, 70000, Principal axes: T 3.3739, Plg64.0000, Azm67.0000, N -0.0205, Plg5.0000, Azm167.0000, P -3.3533, Plg26.0000, Azm259.0000

NEIC 06:06:07.32, 8.2, 25.25S-70.05W, 0.09, h48km, 5km Error ellipse: s-maj=11.7km, s-min=6.0km, az=107.0

GUC 06:06:07.32, 2.0, 7.25, 21S-70.19W, h43km, 7km, ML4.4

VAO 06:06:07.32, 0.0, 4.25, 23S-70.45W, h49km, mb4.6

SJA 06:06:07.32, 0.2, 19S-70.74W, h38km, ML4.4

IDC 06:06:07.33, 0.6, 25.29S-70.15W, h50km, 4km, mb3.9/9, mb1.4/11, mb1mx3.9/30, mbmt4.2/11, MS3.3/5, Ms1.3.3/5, ms1mx3.1/22, Error ellipse: s-maj=21.1km, s-min=16.4km, az=67.0

ISC 06:06:07.32, 4.0, 25.26S-0.04-70.45W, 0.06, h49km, 4km, h49km, pp-P, n175, 0.159/174, mb4.3/11, 5C-1D, Near coast of northern Chile

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

Table of station data for the left column, including call signs like LPAZ, H03N1, H03N2, etc., and their respective frequencies and parameters.

Table of station data for the middle column, including call signs like H11N2, WRA, ZALV, etc., and their respective frequencies and parameters.

Table of station data for the right column, including call signs like CHEG, BBSF, MPOM, etc., and their respective frequencies and parameters.

6d 8h

Table with columns for station name, frequency, mode, and status. Includes stations like KRUC Moravsky, PBCC Priramb, LEF Lefka, etc.

BUJ 06:08:44:05.3:0.0, 1'25S:99'09E, h50km, mB5.0/32, mb5.0/60, Ms4.4/10, Ms7.4/0.9
DJA 06:08:44:13.5:0.2, 0'S:2'9.9"E, h57km, 3km, M5.1/27, mB5.6/12, mb4.9/27, MLV5.2/23, Mw(mB)5.1/12
NEIC 06:08:44:13.8:2.0, 0'48S:0'08.98E:0.08, h50km, 1km, mb4.9/65, Error ellipse: s-maj=13.9km s-min=9.0km az=220.0
IDC 06:08:44:14.3:0.6, 0'36S:99'18E, h55km, 5km, mb4.4/21, mb1.4/525, mb3.9/448, mbmtb4.7/25, MS3.5/9, M3.1 3.9, ms1mx3.2/41, Error ellipse: s-maj=15.9km s-min=8.8km az=69.0
ISC 06:08:44:14.0:0.5, 0'44S:0'04.9902E:0.05, h57km, 4km, h57km, pP, n203, r123/213, mb4.9/67, MS3.9/12, 2D, Southern Sumatera

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like PSBS Pulau Batu, SISI Saibi, MNSI Mandailing Nat, etc.

2015 OCT

Main table of station data for October 2015. Columns include station name, frequency, mode, status, and other parameters. Includes stations like KMI comp=Z,380nm,17.0s, KMI comp=Z,450nm,18.6s, SHL Shilling, etc.

220

Table of station data for the 220 MHz band. Columns include station name, frequency, mode, status, and other parameters. Includes stations like AAK Ala-Archa, SONM Songino Array, SONM comp=Z,4.9nm,0.7s, etc.

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like TRO Tromso, GERS GERES Array B, BJO Bjornoya, FAUS Fauske, etc.

JMA 06:09:24.7, 39:75N-141:84E, h58km, 1km, M3.7
Broadband fault plane solution: P waves. NP1:
delta_s177.00000, delta_s31.00000, delta_s71.00000. NP2: delta_s19.00000, delta_s17.00000, delta_s101.00000. Principal axes: T P1g72.0000, Azm315.0000; N P1g10.0000, Azm194.0000; P P1g15.0000, Azm101.0000;

JMA 06:09:26.8, 3.0, 39:76N-142:00E, h91km, 25km, mb3.5/3, mb1.3/4.6, mb1mx3.2/35, mbtmp3.7/6 Error ellipse: s-maj=43.3km s-min=24.7km az=94.0

ISC 06:09:25.0, 1.0, 39:75N-141:86E, 0.07, h58km, 7km, n24, c1s24/30, mb3.7/3, 3C-9D, Eastern Honshu

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like MIYJ Miyakonagasawa, JTH Tanohata, JKEN Kujedanisaraw, etc.

INET 06:09:21:12.7, 11:80N-89:19W, h15km, MW4.7

GCMT 06:09:21:27.0, 3.11:92N/0:01:89:34W/0.07, h12km, MW5.0/112, Moment Tensor Solution. #43, c52; s112, c171. Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.42e-08; Mw: 2.71e-07; Mw0: 0.79e-05; Mn1: 0.33e-26; Mn2: 1.84e-07; Mw0.66e-28; Best double couple; Mc: 3.91400e+10; NP2: delta_s102.00000, delta_s35.00000, delta_s1.88.00000. NP2: delta_s120.00000, delta_s55.00000, delta_s1.91.00000. Principal axes: T 4.0790, P1g10.0000, Azm211.0000; N -0.3300, P1g1.0000, Azm121.0000; P -3.7480, P1g0.0000, Azm24.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rater function

SNET 06:09:21:22.1, 1.0, 12:14N-89:10W, h10km, 5km, ML4.8

GCG 06:09:21:22.0, 2.0, 12:40N-89:75W, h228km, 148km, MD4.4

UCR 06:09:21:22.6, 1.3, 12:08N-89:10W, h26km, 12km, ML4.7, mb5.1(NV1)

IDC 06:09:21:22.3, 0.6, 12:08N-88:99W, h26km, 3km, mb4.6/19, mb1.4/8.2, mb1mx4.6/37, mbtmp4.7/22, ML4.3/3, MS3.9/13, Ms1.3/9/13, ms1mx3.7/31, Error ellipse: s-maj=20.6km s-min=10.6km az=57.0

NEIC 06:09:21:23.7, 2.3, 12:21N-0:06:89:00W/0.06, h30km, 3km, mb5.1/556, Md4.8(SNET), Error ellipse: s-maj=10.1km s-min=6.9km az=223.0

MOS 06:09:21:24.3, 1.1, 12:13N-89:00W, h58km, mb5.2/30, Error ellipse: s-maj=10.5km s-min=4.9km az=115.3

ISC 06:09:21:22.0, 4.0, 12:08N-0:04:89:08W/0.04, h26km, 2km, n1007, c1s19/951, mb5.1/291, MS4.0/15, 8C-3D, Off coast of central America

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like ALJI Alcalda de J, JUCU Jucuarj, JUCU Jucuarj, etc.

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like SJTE Sante Fe, LFRES El Faro, LFRES El Faro, LCY Lacayo, etc.

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like MTJD Mount Denham, DBBC Dabeiba, SJCC San Jacinto, SJCC San Jacinto, etc.

6d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like X48A Hartsville, Z35A Perchaven, NHSC New Hope, etc.

2015 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSTX Mushoeshoe, T50A Nancy, MCMO Mountain Grove, etc.

222

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like T25A Trinidad, T25A Trinidad, ACSSO Alum Creek Sta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PAL Palisades, PV21 Cone Mtn., and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RSSD Black Hills, PASC Pasadena Art C, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like YMR Madison River, G65A Holmes Hill, and many others.

Table with columns: LIC, Lamto, Dimboko, DBIC, etc. containing station names, coordinates, and seismic data.

MOS 06 09:22:39.5:0.0, 43.37N:40.96E, h9km, MPVA3.5
NORS 06 09:22:40.1:0.0, 43.37N:41.21E, h1km, MPVA3.4
DDA 06 09:22:43.5, 42.77N:40.62E, h13km, ML2.5

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Listing stations like DOMR, RPOR, AHMR, etc.

Table with columns: KRIK, Erzurum-spir, Kelkit, etc. containing station names, coordinates, and seismic data.

BUI 06 09:32:03.6:0.0, 38.61N:142.32E, h32km, mB5.0/44,
mB4.7/63, Ms4.5/60, Mw1.4/4.55
MOS 06 09:32:05.3:1.2, 38.75N:142.25E, h33km, mb4.9/58,
MS4.0/8, Error ellipse: s-maj=6.4km s-min=4.3km az=95.1

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Listing stations like MJAR, MAJO, MAT, etc.

Table with columns: YUK, Wachi, Wachi, etc. containing station names, coordinates, and seismic data.

Table with columns: Name, Date, Time, Az, El, Type, Status, Name, Date, Time, Az, El, Type, Status. Includes entries like Petropavlovsk, Zeya, Sheshan, Hailar, Beijing, etc.

Table with columns: Name, Date, Time, Az, El, Type, Status, Name, Date, Time, Az, El, Type, Status. Includes entries like LZH, GYA, CD2, GTA, WMO, ZAAO, ZALV, ZALV, NRIK, NRIK, CHTO, CHTO, CMAR, N18K, N18K, SVW2, SVW2, MK31, MK31, MKAR, MKAR, MAKZ, MAKZ, L19K, SHL, SHL, M19K, K20K, K20K, J20K, J20K, H21K, H21K, CHUM, PPLA, SPCR, CAST, CAST, KURK, KURK, SPU, I21K, KURBB, BPAW, BPAW, BPAW, KTH, MLY, MLY, SUA, BRSE.

Table with columns: Name, Date, Time, Az, El, Type, Status, Name, Date, Time, Az, El, Type, Status. Includes entries like TRF, COLD, H23K, H23K, RC01, BWN, I23K, I23K, O22K, TOLK, NEA2, NEA2, NEA2, SEW, MCK, MCK, MCK, MCK, PMR, PMR, PMR, RND, RND, RND, GHO, WAT1, MDM, KNK, SML, SML, SML, H24K, H24K, PWL, WAT6, DHY, DHY, HDA, HDA, SCM, SCM, SCM, IL31, IL31, ILAR, ILAR, ILAR, GLI, M24K, FID, FID, PRP, PRP, KLU, KLU, KLU, PAX, EYAK, EYAK, HARP, RIDG, N25K, SCRK, SCRK, SCRK, GBL, GBL, L26K, VRDI, GERC, M26K, M26K, M26K, MCARA, MCARA, MCARA, CROK, CROK, CRQE, TGL, TGL, BRVK, BRVK, BRVK, BRVK, L27K, L27K, L27K, BCAR, M27K.

Table with columns: ID, Name, Location, Time, Date, Status, etc. Includes entries like M27K Edge Creek, AK, 50.19 36 P, P, 09 40 59.6 +0.8, ISLE Juniper Island, 50.26 38 P, P, 09 41 00.5 +1.1, AAK Ala-Archa, 50.33 297f, Pmax, 09 41 01.3 +1.1, etc.

Table with columns: ID, Name, Location, Time, Date, Status, etc. Includes entries like E07A Sunnyside, 67.85 48 Iamb, Iamb, 09 43 03.6, L02E Cave Junction, 67.98 53 P, P, 09 43 02.7 +0.6, C09A Christian Ranch, 68.06 46 P, P, 09 43 03.9 +1.3, etc.

Table with columns: ID, Name, Location, Time, Date, Status, etc. Includes entries like ICESG Greenland Ices, 72.51 1 eP, P, 09 43 30.4 +0.6, EGMT Eagleton, 72.55 42 P, Iamb, 09 43 30.6 +0.5, DLMT Dillon, 72.66 45 P, P, 09 43 32.0 +1.1, etc.

6cd 10h

Table listing station codes (e.g., HEC, TCRU, MURCU), station names (e.g., Hector Ludlow, Three Creeks R), and associated data points including coordinates, elevations, and other technical specifications.

2015 OCT

Table listing station codes (e.g., SDCO, GERES, K31A), station names (e.g., Great Sand Dun, GRESS Array B), and associated data points including coordinates, elevations, and other technical specifications.

228

Table listing station codes (e.g., IDC, ISC, OFUJ, JKMT), station names (e.g., IDC 06 10:06:25.1, ISC 06 10:06:22.7), and associated data points including coordinates, elevations, and other technical specifications.

JMA Felt II J1.
NIED 06 10:17:32.2, 38.70N:142.25E, h39km, MW4.3, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;
Mn=0.39; Mw=1.17; Mw=0.78; Mw=2.03; Mw=0.15; Mw=2.80;
Fault plane solution: Ms3.58000x10^15 NP1:
0.220,00000, 889,00000, -1,105,00000. NP2:
0.125,00000, 815,00000, -1,500,000.
NEIC 06 10:17:33.4, 1.4, 38.71N:142.42E:0.1, h36km, 7km,
mb4.5/62 Error ellipse: s-maj=12.3km s-min=7.5km
az=111.0

IDC 06 10:17:33.6, 2.3, 38.65N:142.18E, h46km, 22km, mb4.0/14,
mb1.4/2/18, mb1mx4.0/49, mbmp4.2/18, Ms3.4/4, Ms3.6/15,
Ms1.3/6/15, ms1mx3.3/53, Error ellipse: s-maj=19.0km
s-min=14.0km az=115.0
ISC 06 10:17:33.1, 1.3, 38.72N:142.19E:0.07, h40km, 11km,
n170, r1925/159, mb4.4/52, MS3.9/10, 1C, Near east coast
of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as OFUJ, OFUNATO, KESENNUMAMOTOTY, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as WAKE ISLAND HY 29.31, ZAKAMENSK, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as DUGWAY, QUEEN OF SHEBA, PINEDALE ARRAY, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as KRNET 06 10:46:13.6, ISU 06 10:46:23.40, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as SJA 06 10:47:30.7, BUJ 06 10:47:30.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations such as CO06 FRAY JOYE, CO06 FRAY JOYE, etc.

6d 10h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PEL, MT02, AUSD, AROD, ACCO, ZON, etc.

2015 OCT

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

230

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VBMS, V52A, X58A, etc.

231

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like Lamto, Hopedale, Dawn, Albuquerque, Dimbokro, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like Goldstone, White River, Cedar City, Kowa, etc.

6d 10h

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like Yerington, Pine Nut, Flagg Ranch, Grant Village, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WAKE ISLAND, KURBB, BVA4, MK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB, BVA4, MK31, MK31.

DDA 06 11:16:18.9,39:13N:29:11E, h7km,2km,ML3.3
ISK 06 11:16:19.2,39:14N:29:15E, h1km,ML3.6/48
THE 06 11:16:26.5,39:33N:28:69E, h12km,3km,ML3.0/3, Error ellipse: s-maj=3.3km s-min=1.1km az=109.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SMAA, SMAA, SIMA, SAPH, GEDZ, etc.

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

IDC 06 11:16:55.1,4.4, 12:93S:167.49E, h0km,mb3.8/3, mb1.4/1.3, mb1mx3.6/30, mbtmp3.8/3, Error ellipse: s-maj=214.8km s-min=30.7km az=141.0, Santa Cruz Islands

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

IDC 06 11:42:56.0,1.6, 27:60N:143:07E, h0km,mb3.8/3, mb1.3/9.4, mb1mx3.5/37, mbtmp3.7/4, ML2.9/1, Error ellipse: s-maj=31.3km s-min=22.8km az=102.0

NEIC 06 11:42:59.0,0.7, 27:58N:102:142.94E:0.10, h10km,1km, mb4.6/8, Error ellipse: s-maj=17.1km s-min=9.4km az=130.0

ISC 06 11:42:57.4,1.2, 27:58N:0:09:143:1E:0.1, h10km, n22, s:086:23, mb4.57, Bonin Islands region

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

NIED 06 11:48:04.0, 38:71N:142:23E, h39km, MW3.8, Moment Tensor solution, s3 Moment tensor: Scale 10^14Nm; Mo:0.86; Mw:0.04; Mw-0.82; Mw3.14; Mw-0.45; Mw-4.30;

JMA 06 11:48:05.3, 38:71N:142:23E, h39km, Mw3.9, M3.9 JMA Felt J1

IDC 06 11:48:05.3, 38:71N:142:23E, h50km,30km,mb3.3/5, mb1.3/2.8, mb1mx3.4/33, mbtmp3.6/8, ML2.8/3, MS3.1/2, Ms1.3/2, ms1mx2.7/26, Error ellipse: s-maj=3.4km s-min=2.0km az=102.0

ISC 06 11:48:02.9, 1.9, 38:69N:0:05:142:32E:0:08, h24km,13km, n28, s:136:29, mb3.6/5, Near east coast of eastern Honshu

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

6d 12h

TWE	baz=314	S	Sb	12 16 26.6	-0.3
ENTT	baz=314 Nioudou baz=306	P	Pb	12 16 14.4	0.0
ENTT	baz=306	P	Pb	12 16 27.6	+0.3
NTC	baz=306 Toucheng baz=326	P	Pb	12 16 14.2	-0.2
NTC	baz=326	S	Sb	12 16 27.6	+0.3
NDT	baz=326 Datong Townshi baz=303	P	Pb	12 16 14.7	+0.1
NDT	baz=303	S	Sb	12 16 27.5	-0.3
HGSD	baz=303 Ruisui baz=237	P	Pb	12 16 13.9	-1.0
HGSD	baz=237	eS	Sb	12 16 28.2	+0.2
NNSB	baz=237 Datong baz=291	P	Pb	12 16 14.9	-0.1
NNSB	baz=291	S	Sb	12 16 28.4	+0.2
WHF	baz=291 Hehuan Shan baz=260	P	Pb	12 16 15.1	-0.4
WHF	baz=260	S	Sb	12 16 29.4	+0.1
TWB1	baz=260 Santiao Chiao baz=355	P	Pb	12 16 15.6	-0.1
TWB1	baz=355	S	Sb	12 16 29.4	0.0
FUSS	baz=260 Fushou baz=279	P	Pb	12 16 15.9	-0.2
FUSS	baz=279	S	Sb	12 16 30.5	+0.3
EHY	baz=279 Hungye baz=256	P	Pn	12 16 15.2	-0.8
EHY	baz=256	eS	Sb	12 16 30.2	-0.1
TIPB	baz=256 Shuangxi baz=259	i P	Pn	12 16 16.4	+0.2
TIPB	baz=259	S	Sb	12 16 29.6	-0.8
OWD	baz=259 Renai baz=264	P	Pn	12 16 16.1	-0.4
OWD	baz=264	S	Sb	12 16 30.8	-0.3
CHGB	baz=264 Renai baz=269	i P	Pn	12 16 16.3	-0.3
CHGB	baz=269	S	Sb	12 16 31.1	-0.1
NWLT	baz=269 Wulai baz=310	P	Pb	12 16 16.7	0.0
NWLT	baz=310	S	Sb	12 16 31.5	+0.3
TWT	baz=310 Tachien baz=266	eP	Pg	12 16 17.8	-0.3
TWT	baz=266	eS	Sn	12 16 32.3	-0.1
YHNB	baz=266 Yeheng baz=288	P	Pb	12 16 17.4	+0.3
YHNB	baz=288	S	Sb	12 16 31.4	-0.5
TDCB	baz=288 Techi baz=266	eP	Pn	12 16 16.9	-0.2
TDCB	baz=266	eS	Sb	12 16 32.4	+0.1
NSK	baz=266 Sanguang baz=288	P	Pb	12 16 17.7	+0.3
NSK	baz=288	S	Sb	12 16 31.7	-0.6
YULB	baz=288 Yu-ji baz=252	P	Pn	12 16 16.3	-0.8
YULB	baz=252	eS	Sb	12 16 31.8	-0.6
EYUL	baz=252 Yuli baz=234	P	Pn	12 16 16.7	-0.4
EYUL	baz=234	eS	Sb	12 16 32.7	+0.1
NWF	baz=234 Wu-fen Shan baz=330	P	Pb	12 16 18.0	0.0
NWF	baz=330	S	Sn	12 16 33.9	+0.2
TWA	baz=330 Mucha baz=320	P	Pb	12 16 18.3	-0.1
TWA	baz=320	S	Sn	12 16 34.6	+0.4
IRIF	baz=320 Iriomote-Funau	P	Pb	12 16 18.6	+0.2
IRIF	baz=266	eS	Sg	12 16 35.5	-0.5
NHDD	baz=266 Xindian Distri baz=317	eP	Pn	12 16 18.3	+0.2
NHDD	baz=317	eS	Sn	12 16 35.2	+0.6
HATJ	baz=317 Hateruma jima	P	Pb	12 16 19.2	+0.4
HATJ	baz=306	eS	Pb	12 16 35.6	+0.9
FULB	baz=306 Fuli baz=217	P	Pn	12 16 17.4	-1.2
FULB	baz=217	eS	Sb	12 16 35.7	+0.2
CHKT	baz=217 Chengkung baz=214	eP	Pn	12 16 18.2	-0.6
CHKT	baz=214	eS	Sn	12 16 34.4	-1.4
TAP	baz=214 Taipei baz=319	eP	Pn	12 16 19.4	+0.3
TAP	baz=319	eS	Sb	12 16 36.8	+0.2
SSLB	baz=319 Suanglung baz=258	eP	Pn	12 16 19.2	-0.2
SSLB	baz=258	eS	Sn	12 16 37.0	+0.1
WHP	baz=258 Taichung City baz=267	eP	Pb	12 16 20.7	+0.1
WHP	baz=267	eS	Sn	12 16 37.8	+0.3
WCS	baz=267 Beigang Elemen baz=261	P	Pn	12 16 20.0	+0.3
WCS	baz=261	eS	Sb	12 16 37.9	0.0
YM01	baz=261 YM01 baz=339	eP	Pb	12 16 20.4	-0.4
YM01	baz=339	eS	Sn	12 16 37.5	-0.2
SMLT	baz=339 Sun Moon Lake baz=262	P	Pn	12 16 20.2	+0.2
SMLT	baz=262	eS	Sn	12 16 38.2	+0.3
TYC	baz=262 Yuchr baz=263	P	Pn	12 16 20.7	+0.3
TYC	baz=263	eS	Sn	12 16 39.1	+0.4
TWS1	baz=263 Kuanyinshan baz=335	eP	Pn	12 16 20.7	+0.3
TWS1	baz=335	eS	Sb	12 16 39.4	0.0
YUS	baz=335 Yu-Shan baz=246	P	Pn	12 16 20.7	-0.2
YUS	baz=246	S	Sn	12 16 39.2	-0.3
EDH	baz=246 Donghe baz=213	eP	Pn	12 16 20.0	-0.6
EDH	baz=213	eS	Sn	12 16 36.3	-2.6
NSTT	baz=213 Nanjuang baz=293	eP	Pb	12 16 21.8	+0.1
NSTT	baz=293	eS	Sb	12 16 39.5	-0.2
ANP	baz=293 Anpu baz=323	eP	Pn	12 16 20.0	-0.7
ANP	baz=323	eS	Sn	12 16 38.1	-1.0
NTST	baz=323 Danshui baz=337	eP	Pn	12 16 20.7	-0.2
NTST	baz=337	eS	Sb	12 16 40.0	-0.3
JKRS	baz=337 Kuro-shima baz=288	P	Pb	12 16 22.5	+0.2
JKRS	baz=288	eS	Sg	12 16 42.6	-0.6
TWY	baz=288 Chenhua baz=328	eP	Pn	12 16 20.5	-0.6
TWY	baz=328	eS	Sn	12 16 38.8	-1.1
NCUH	baz=328 Zhongli baz=308	eP	Pn	12 16 21.7	+0.5
NCUH	baz=308	eS	Sb	12 16 40.8	-0.2
ELDTW	baz=308 Lidau baz=235	P	Pn	12 16 20.8	-0.9
ELDTW	baz=235	eS	Sn	12 16 40.2	-0.7

2015 OCT

SBCB	baz=235 Hsinchu baz=298	1.53	302	eP	Pn	12 16 21.8	0.0
SBCB	baz=298	eS	Sn	12 16 40.7	-0.5		
TWQ1	baz=298 Liyutan baz=280	1.54	284	eP	Pb	12 16 23.6	+0.1
TWQ1	baz=280	eS	Sb	12 16 42.9	+0.2		
ALS	baz=280 Alishan baz=249	1.55	252	P	Pn	12 16 22.8	+0.4
ALS	baz=249	eS	Sn	12 16 42.3	+0.1		
WJS	baz=249 Zhushan baz=261	1.56	264	eP	Pb	12 16 23.6	-0.1
WJS	baz=261	eS	Sb	12 16 44.0	+1.0		
NSY	baz=261 Sanyi baz=283	1.57	286	eP	Pb	12 16 23.6	-0.4
NSY	baz=283	eS	Sb	12 16 43.6	+0.2		
LDUT	baz=283 Ludao baz=211	1.57	214	eP	Pn	12 16 22.2	-0.2
LDUT	baz=211	eS	Sn	12 16 41.6	-0.7		
NMLH	baz=211 Miaoli baz=287	1.58	290	eP	Pb	12 16 24.0	-0.1
NMLH	baz=287	eS	Sb	12 16 44.9	+1.2		
WNT	baz=287 Mingjian baz=263	1.59	266	eP	Pn	12 16 23.4	+0.8
WNT	baz=263	eS	Sn	12 16 45.2	+1.2		
TCU	baz=263 Taichung baz=273	1.60	276	eP	Pn	12 16 23.3	+0.6
TCU	baz=273	eS	Sb	12 16 44.7	+0.4		
LONT	baz=273 Longtian baz=238	1.60	228	P	Pn	12 16 21.9	-0.9
LONT	baz=238	eS	Sn	12 16 42.4	-0.6		
JJJ	baz=238 Ishigaki jima	1.62	76	P	S	12 16 23.8	+0.8
JJJ	baz=270	S	Sb	12 16 44.5	-0.3		
CHN5	baz=270 Tsauling baz=242	1.64	256	P	Sb	12 16 24.5	-0.7
CHN5	baz=242	eS	Sb	12 16 45.9	+0.4		
PCYT	baz=242 Pengchayiu baz=349	1.66	349	eP	Pn	12 16 23.3	-0.3
PCYT	baz=349	eS	Sn	12 16 44.3	-0.1		
WDJ	baz=349 Dajia District baz=279	1.66	283	eP	Pn	12 16 24.0	+0.4
WDJ	baz=279	eS	Sn	12 16 44.9	+0.5		
TWGBT	baz=279 Beinan baz=237	1.70	227	eP	Pn	12 16 23.2	-0.8
TWGBT	baz=237	eS	Sn	12 16 43.5	-1.8		
TTN	baz=237 Taitung baz=221	1.70	224	eP	Pn	12 16 24.2	+0.1
TTN	baz=221	eS	Sn	12 16 45.2	-0.1		
TWG	baz=221 Pingang baz=237	1.70	227	eP	Pn	12 16 23.3	-0.8
TWG	baz=237	eS	Sn	12 16 43.8	-1.5		
WCHH	baz=237 Zhanghua baz=270	1.70	273	eP	eS	12 16 24.9	+0.2
WCHH	baz=270	eS	Sb	12 16 47.4	+0.7		
STYH	baz=270 Taoyuan baz=229	1.71	242	eP	Pn	12 16 25.0	+0.7
STYH	baz=229	eS	Sn	12 16 46.7	+1.0		
WDLH	baz=229 Douliu baz=257	1.75	260	eP	Sb	12 16 26.1	-0.9
WDLH	baz=257	eS	Sb	12 16 48.8	+0.3		
TPUB	baz=257 Ta-pu baz=245	1.78	248	P	Pn	12 16 26.4	+1.2
TPUB	baz=245	eS	Sn	12 16 48.3	+1.0		
CHN4	baz=245 Tsanshan baz=247	1.79	249	P	Pb	12 16 26.8	-0.9
CHN4	baz=247	eS	Sb	12 16 49.2	-0.6		
WTP	baz=247 Ta-pu baz=243	1.81	246	P	Pn	12 16 26.6	+0.9
WTP	baz=243	eS	Sb	12 16 50.2	-0.3		
JISG	baz=243 Ishigakijimahi	1.83	71	P	Sn	12 16 26.5	+0.6
JISG	baz=279	eS	Pn	12 16 48.9	+0.4		
WRL	baz=279 Guolierin Hig baz=279	1.87	268	eP	Pb	12 16 28.3	-0.7
WRL	baz=279	eS	Pb	12 16 51.9	-0.1		
WTK	baz=279 Tuku baz=258	1.88	261	eP	Pn	12 16 27.4	+0.7
WTK	baz=258	eS	Sb	12 16 52.4	0.0		
CHY	baz=258 Chiayi baz=252	1.89	255	eP	Pn	12 16 27.3	+0.5
CHY	baz=252	eS	Sb	12 16 52.4	-0.3		
SLGT	baz=252 Liugui baz=227	1.91	239	P	Pn	12 16 27.8	+0.8
SLGT	baz=227	eS	Sn	12 16 51.5	+1.0		
CHN1	baz=227 Nanshi baz=243	1.91	246	P	Pb	12 16 28.6	-1.2
CHN1	baz=243	eS	Sb	12 16 53.4	+0.1		
CHN1	baz=243 Hsinying baz=245	1.91	248	P	Pb	12 16 28.7	-1.1
CHN1	baz=245	eS	Sb	12 16 52.9	-0.9		
SGST	baz=245 Jiashan baz=229	1.91	242	eP	Pn	12 16 28.4	+1.3
SGST	baz=229	eS	Sb	12 16 53.0	-0.2		
SNST	baz=229 Tainan City baz=244	1.92	247	eP	Pn	12 16 28.3	+1.1
SNST	baz=244	eS	Sn	12 16 51.9	+1.0		
ECL	baz=244 Taimali baz=222	1.93	224	eP	Pn	12 16 26.9	-0.4
ECL	baz=222	eS	Sn	12 16 50.3	-0.9		
WSF	baz=222 Szu baz=258	2.04	261	eP	Pn	12 16 29.7	+0.9
WSF	baz=258	eS	Sb	12 16 56.2	-0.8		
SSD	baz=258 Sandimen baz=224	2.06	233	eP	Pn	12 16 30.5	+1.4
SSD	baz=224	eS	Sn	12 16 55.0	+0.8		
ICHU	baz=224 Yijhu baz=250	2.06	253	eP	Pn	12 16 30.5	+1.5
ICHU	baz=250	eS	Sb	12 16 56.9	-0.6		
TSMG	baz=250 Majia baz=223	2.07	232	eP	Sn	12 16 30.5	+1.2
TSMG	baz=223	eS	Sn	12 16 55.0	+0.4		
LAY	baz=223 Lan-yu baz=200	2.10	202	eP	Pn	12 16 29.4	-0.3
LAY	baz=200	eS	Sn	12 16 54.6	-0.7		
MASBT	baz=200 Mashibuluo baz=222	2.14	230	eP	Pn	12 16 30.8	+0.6
MASBT	baz=222	eS	Sn	12 16 57.6	+1.3		
TAW	baz=222 Tawu baz=228	2.15	221	eP	Pn	12 16 30.4	+0.1
TAW	baz=228	eS	Sn	12 16 55.9	-0.5		
EAST	baz=228 Anshuo baz=220	2.16	222	eP	Pn	12 16 30.6	+0.1
EAST	baz=220	eS	Sn	12 16 56.2	-0.5		
JTJ	baz=220 Tarama baz=200	2.18	72	P	Sb	12 16 32.3	+1.5
JTJ	baz=200	eS	Pb	12 16 34.9	+1.4		
SSPT	baz=200 Xinbi baz=220	2.27	229	eP	Pn	12 16 32.6	+0.7
SSPT	baz=220	eS	Sn	12 17 01.0	+1.6		
SCZT	baz=220 Fangliu baz=298	2.31	226	eP	Pn	12 16 34.4	+1.9

234

SCZT	baz=216	eS	Sn	12 17 02.2	+1.8		
SLIU	baz=216 Shizhi baz=218	2.31	220	eP	Pn	12 16 34.1	+1.5
SLIU	baz=218	eS	Sn	12 17 02.1	+1.6		
TSEB	baz=218 Hengchuen, Pin baz=213	2.51	214	eP	Pn	12 16 37.3	+2.0
TSEB	baz=213	eS	Sn	12 17 07.7	+2.4		
TWK1	baz=213 Hengchun baz=214	2.52	216	eP	Pn	12 16 36.4	+0.9
TWK1	baz=214	eS	Sn	12 17 06.5	+0.8		
PHUB	baz=214 Peng-h						

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NB330 Finnes, NB330, NB330.

DNK 06 12:40:21.0t1.1, 57.67N; 12:35E, h0km, Explosion
UPP 06 12:40:20.8t0.0, 57.58N; 12:35E, h1km, ML1.6, Explosion, Sweden

Main table for station data in the top-left section, including stations like BORU Boraas, ONAUSA, TJOERN, etc.

IDC 06 12:58:20.9t7.6, 130S; 101.93E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.3/0.5, mbtmp3.2/3, MS3.1/1, Ms1 3.1/1, ms1mx2.7/1.5, Error ellipse: s-maj=419.5km s-min=31.0km az=53.0, Southern Sumatera

Table for station data in the middle-left section, including stations like KAPPI, WRA, ASAR, MKAR.

NNC 06 12:58:57.2t1.0, 36.73N; 71.08E, h0km, mb3.6, mpv3.4, 1C-4D, Error ellipse: s-maj=100.0km s-min=80.6km az=140.0, Afghanistan-Tajikistan border region

Table for station data in the middle-left section, including stations like KK31, AAK, TKM2, AB31.

IDC 06 12:59:38.1t0.9, 30.62S; 71.29W, h0km, mb4.2/1, mb1 3.9/3, mb1mx3.6/20, mbtmp3.7/3, ML3.6/2, MS3.2/2, Ms1 3.1/2, ms1mx2.8/2.4, Error ellipse: s-maj=44.2km s-min=12.5km az=97.0

NEIC 06 12:59:38.1t0.9, 30.62S; 71.29W, h0km, mb4.1/3, Error ellipse: s-maj=9.2km s-min=4.6km az=96.0
ISC 06 12:59:38.2t0.9, 30.40S; 0.05E; 71.92W; 0.10, h16km, n33, r139/32, Near coast of central Chile

Main table for station data in the bottom-left section, including stations like CO06, CO05, CO04, etc.

GUC 06 13:00:30.6t0.4, 34.18S; 72.10W, h43km, 1km, ML3.3, Near coast of central Chile

Table for station data in the bottom-left section, including stations like BO03, VA05, MAW.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT01, MT01, MT01.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO05, GO05, BO01, etc.

IDC 06 13:09:02.2t1.0, 30.49S; 71.63W, h0km, mb3.8/5, mb1 4.0/9, mb1mx3.8/28, mbtmp3.9/9, ML3.9/4, MS3.5/2, Ms1 3.5/2, ms1mx3.1/18, Error ellipse: s-maj=40.5km s-min=21.4km az=98.0

NEIC 06 13:09:03.3t1.7, 30.39S; 0.05E; 71.96W; 0.05, h10km, 1km, mb4.2/8, Error ellipse: s-maj=8.4km s-min=6.8km az=164.0

GUC 06 13:09:06.1t0.7, 30.42S; 71.74W, h28km, 2km, ML4.5
ISC 06 13:09:05.0t0.6, 30.41S; 0.03E; 71.83W; 0.06, h22km, 3km, n14, r151/84, mb3.9/6, 1C-3D, Near coast of central Chile

Table for station data in the middle-right section, including stations like CO06, CO06, CO06, etc.

CO03 El Pedregal 1.07 114 Pn Pn 13 09 23.8 -1.0
CO03 El Pedregal 1.07 114 Pn Pn 13 09 23.9 -0.9

VA06 Catapilco 2.19 168 Pn Pn 13 09 42.5 +2.3
VA06 Catapilco 2.19 168 Pn Pn 13 10 10.3 -0.4

AC04 Llanos de Chal 2.29 17 Pn Pn 13 09 41.1 -0.4
AC04 Llanos de Chal 2.29 17 Pn Pn 13 09 41.3 -0.3

VA01 Torpederas 2.61 177 Pn Pn 13 09 46.1 +0.3
VA01 Torpederas 2.61 177 Pn Pn 13 09 48.1 +2.2

MT02 Curacav 2.90 169 Pn Pn 13 09 51.2 -1.5
MT02 Curacav 2.90 169 Pn Pn 13 09 52.0 +2.1

ZON Zonda 2.93 114 Pn Pn 13 09 53.6 -3.0
MT05 Renca 3.11 163 Pn Pn 13 09 54.0 +1.1

GO03 Copiap 3.13 27 Pn Pn 13 09 53.6 +0.4
GO03 Copiap 3.13 27 Pn Pn 13 09 53.4 +0.3

VA05 Santo Domingo 3.24 177 Pn Pn 13 09 54.3 -0.3
VA05 Santo Domingo 3.24 177 Pn Pn 13 10 54.9

MT09 Talagante 3.43 168 Pn Pn 13 09 58.2 +0.9
MT09 Talagante 3.43 168 Pn Pn 13 09 58.2 +0.4

BO01 Tunca 4.02 171 Pn Pn 13 10 06.1 +0.8
BO01 Tunca 4.02 171 Pn Pn 13 10 05.4 +2.6

BO02 Sierra Bellavi 4.46 169 Pn Pn 13 10 12.7 +1.3
BO02 Sierra Bellavi 4.46 169 Pn Pn 13 10 12.6 +1.2

GO05 Huala 4.59 181 Pn Pn 13 10 11.9 -1.2
GO05 Huala 4.59 181 Pn Pn 13 10 12.1 -1.0

PB14 POC Station P 5.90 13 Pn Pn 13 10 28.3 -3.1
H03N1 Juan Fernandez 6.75 242 T T 13 17 41.7

H03N2 Juan Fernandez 6.75 242 T T 13 17 41.9
H03N3 Juan Fernandez 6.75 241 T T 13 17 39.8

VA04 Juan Fernandez 6.76 240 Pn Pn 13 10 41.0 -2.0
H03S3 Juan Fernandez 6.91 239 T T 13 17 50.2

H03S1 Juan Fernandez 6.91 238 T T 13 17 46.7
H03S2 Juan Fernandez 6.92 239 T T 13 17 48.9

PB15 IPOC Station P 7.47 17 Pn Pn 13 10 52.1 -0.8
PB06 IPOC Station P 7.93 15 Pn Pn 13 10 57.8 -1.4

LVC Limon Verde 8.20 19 Pn Pn 13 11 00.8 -2.2
LVC Limon Verde 8.20 19 Pn Pn 13 12 32.3 -2.9

LVC Limon Verde 8.20 19 Pn Pn 13 11 00.9 -2.1
LVC Limon Verde 8.20 19 Pn Pn 13 11 01.1 -2.0

LL04 Puerto Octay 10.49 182 Pn Pn 13 11 33.3 -0.7
PRGQ Pisagua 10.88 9 Pn Pn 13 11 38.1 -1.4

TRF Thorofore Mtn 16.65 38 Pn Pn 13 26 20.1 +0.6
TRF Thorofore Mtn 16.65 38 Pn Pn 13 26 47.5

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1, H11S3, H11N3.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N1, H11N2, KURBB, ZALV.

MEX 06 13:15:04.2t1.0, 27.53N; 111.57W, h10km, MD3.6
ECX 06 13:15:03.5t0.4, 27.62N; 111.59W, h16km, 50km, MD2.6, Gulf of California

Table for station data in the top-right section, including stations like SRIG, SRIG, SRIG, etc.

MAN 06 13:16:11.2, 6.53N; 126.16E, h28km, mb4.3, ML3.1, MS2.8, 1C-1D, Mindanao

DMPH Davao City-Mi 0.85 311 Pn Pn 13 16 27.2 -0.2
KCP Kapidawan 1.16 295 Pn Pn 13 16 30.7 -1.0

IDC 06 13:22:30.0t0.4, 52.14N; 173.42W, h54km, 3km, mb3.9/17, mb1 4.1/18, mb1mx3.8/62, mbtmp4.1/18, MS3.2/8, Ms1 3.3/8, ms1mx3.0/37, Error ellipse: s-maj=19.9km s-min=9.4km az=163.0

AEIC 06 13:22:30.3t0.3, 51.94N; 0.06E; 173.29W; 0.06, h42km, 5km, Error ellipse: s-maj=9.4km s-min=5.1km az=186.0
NEIC 06 13:22:30.9t1.8, 52.11N; 0.08E; 173.33W; 0.06, h59km, 2km, mb4.2/19, ML4.1(AEIC), Error ellipse: s-maj=12.4km s-min=5.3km az=174.0

ISC 06 13:23:01.0t0.5, 52.04N; 0.08E; 173.28W; 0.04, h57km, 4km, h56km; PP-P, n234, r0994/257, mb4.5/45, MS3.2/7, Andreanof Islands

KOPF Korovin Flat P 0.56 295 Pn Pn 13 22 43.2 +0.6
KOSE Korovin Southe 0.56 303 Pn Pn 13 22 42.7 +0.0

ATKA Atka Island 0.59 286 Pn Pn 13 22 52.3 +0.4
ATKA Atka Island 0.59 286 Pn Pn 13 22 43.9 +0.7

KONE Korovin Northe 0.63 305 Pn Pn 13 22 55.8 +0.8
KOKL Mount Kluchef 0.63 297 Pn Pn 13 22 57.1 +0.6

KOWE Korovin West 0.68 299 Pn Pn 13 22 55.8 +1.8
GSIG Igkitin Island 1.64 269 Pn Pn 13 22 57.1 +0.6

GSIM Great Sitkin M 1.71 271 Pn Pn 13 22 58.3 +0.7
GSTR Great Sitkin T 1.72 273 Pn Pn 13 22 58.5 +0.8

GSTD Great Sitkin T 1.77 272 Pn Pn 13 23 09.0 +0.7
GSTD Great Sitkin T 1.77 272 Pn Pn 13 23 10.1 +1.2

GSSP Great Sitkin S 1.79 273 Pn Pn 13 22 59.5 +0.9
ADAG Mount Adagadak 2.05 270 Pn Pn 13 23 03.3 +1.1

ADK Adak 2.11 267 Pn Pn 13 23 29.6 +1.6
KIWB Kagaya Island 2.40 267 Pn Pn 13 23 08.4 +1.4

KIKV Kanaga Island 2.41 266 Pn Pn 13 23 08.1 +1.0
KIKV Kanaga Island 2.41 266 Pn Pn 13 23 09.3 +3.5

KICM Kanaga Island 2.42 269 Pn Pn 13 23 08.4 +1.2
KIMD Kanaga Island 2.47 265 Pn Pn 13 23 09.4 +1.6

NKH Nikolski High 2.86 69 Pn Pn 13 23 14.5 +1.4
TAFI Tanaga Falls 2.88 266 Pn Pn 13 23 14.8 +0.4

TAFP Tanaga Falls P 2.91 269 Pn Pn 13 23 14.8 +0.9
TAFP Tanaga Falls P 2.91 269 Pn Pn 13 23 48.4 +0.7

TASE Tanaga Southea 2.95 268 Pn Pn 13 23 15.6 +1.1
TKSP Okmok Steeple 3.27 66 Pn Pn 13 23 20.5 +1.7

KOPF Chirikof South 3.38 65 Pn Pn 13 23 22.0 +0.4
GAEA Gareloi East 3.40 268 Pn Pn 13 23 21.1 +0.6

GANO Gareloi North 3.43 268 Pn Pn 13 23 21.9 +1.0
OKTU Okmok Mt. Tuli 3.46 65 Pn Pn 13 23 23.6 +2.2

OKFG Magazine Ridge 3.54 65 Pn Pn 13 23 24.1 +1.6
CERAA Semis' Rag'd T 4.35 271 Pn Pn 13 23 34.9 +1.2

INAT Inakushtin Natee 5.07 63 Pn Pn 13 23 55.9 +3.3
CEAP Semis' Anvil P 4.41 272 Pn Pn 13 23 35.4 +1.0

CESW Semis' Southwae 4.43 271 Pn Pn 13 23 35.6 +1.0
UNV Unalaska Valle 4.48 64 Pn Pn 13 23 37.3 +2.0

AMKA Amchitka 4.66 265 Pn Pn 13 23 38.9 +1.1
AKUT Akutan 4.99 62 Pn Pn 13 23 44.5 +2.3

LSNW Lewis Sitkin 5.07 62 Pn Pn 13 23 44.7 +1.3
SPIA Saint Paul Isl 5.44 180 Pn Pn 13 23 50.7 +2.3

6d 13h

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
NC204	NORSAR Array S	66.99	358	P	P	13 33 16.1 +0.3
NB201	NORSAR Array S	67.20	380	P	P	13 33 17.7 +0.1
CMAR	Chiang Mai Arr	74.32	286	P	P	13 34 01.2 -0.3
CMAR	Chiang Mai Arr	74.32	286	P	P	13 34 17.4 +0.1
CMAR	Chiang Mai Arr	74.32	286	P	P	13 34 01.0 -0.6
WRA	Warramunga Arr	84.95	228	P	P	13 34 58.3 -0.6
WRA	Warramunga Arr	84.95	228	P	P	13 35 13.6 -1.3
PSI	Prapat	86.45	270	P	P	13 35 06.5 -0.3
PSI	Prapat	86.45	270	P	P	13 35 21.9 -0.9
RPSI	Rantau Prapat	86.53	270	P	P	13 35 06.5 -0.5
FITZ	Fitzroy Crossi	87.63	236	P	P	13 35 12.2 +0.2
FITZ	Fitzroy Crossi	87.63	236	P	P	13 35 27.3 -0.8
FITZ	Fitzroy Crossi	87.63	236	P	P	13 35 17.7 -0.4
ASAR	Alice Springs	88.37	227	P	P	13 35 15.9 +0.3
ASAR	Alice Springs	88.37	227	P	P	13 35 30.9 -0.7
ASAR	Alice Springs	88.37	227	P	P	13 35 15.5 -0.1
TORD	Torodi Arr. Bea	114.94	5	P	PKP	13 41 03.7 -0.9
H03N2	Juan Fernandez	118.07	109	T	T	15 50 11.2
H03N1	Juan Fernandez	118.07	109	T	T	15 50 15.7
H03N3	Juan Fernandez	118.07	109	T	T	15 50 11.2
MAW	Mawson	149.12	218	PKP	PKP	13 42 10.4 +0.1
MAW	Mawson	149.12	218	PKP	PKP	13 42 26.4 -0.5
MAW	Mawson	149.12	218	PKP	PKP	13 42 08.3 +0.2
BOSA	Boshof	152.82	322	PKP	PKP	13 42 20.0 -0.5
BOSA	Boshof	152.82	322	PKP	PKP	13 42 19.6 -0.8

236

15 OCT

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
H11S1	WAKE ISLAND Hy	36.98	213	T	T	14 08 37.8
H11S2	WAKE ISLAND Hy	36.99	213	T	T	14 08 33.2
H11S3	WAKE ISLAND Hy	37.00	213	T	T	14 08 41.7
MJAR	Matsushiro Arr	37.27	265	P	P	13 29 36.3 +0.1
JGF	Kuroka	38.41	265	P	P	13 29 46.1 +0.2
EUNU	Eureka	38.71	116	Iamb	Iamb	13 29 48.3 +0.4
EUNU	Eureka	38.71	116	Iamb	Iamb	13 29 55.3
PNTR	Pine Nut	38.87	88	P	Iamb	13 29 51.0 +1.0
PNTR	Pine Nut	38.87	88	P	Iamb	13 30 06.8
LHM	Holder Researc	39.30	73	P	P	13 29 53.9 +0.5
LRM	Limekiln Ridge	39.40	74	P	P	13 29 54.3 0.0
HLID	Haley	39.45	78	P	P	13 29 54.9 +0.3
HLID	Haley	39.45	78	P	Iamb	13 30 09.9
BCYI	Bear Canyon	39.64	77	P	P	13 29 56.5 +0.2
BCYI	Bear Canyon	39.64	77	P	P	13 30 10.4 +0.3
MCMT	McKenzie Canyo	39.70	76	P	P	13 29 57.0 +0.2
MCMT	McKenzie Canyo	39.70	76	P	P	13 30 10.7 +0.5
JWT	Wachi	39.82	266	P	P	13 29 57.4 +1.2
BOZ	Bozeman (W)	40.01	74	P	P	13 29 59.2 0.0
BOZ	Bozeman (W)	40.01	74	P	P	13 30 13.3 -0.5
BOZ	Bozeman (W)	40.01	74	P	Iamb	13 30 14.0
NVAR	Mina Array Sea	40.07	88	P	P	13 30 01.4 +1.4
NVAR	Mina Array Sea	40.07	88	P	P	13 30 14.2 -0.2
NVAR	Mina Array Sea	40.07	88	P	P	13 32 04.8 +1.2
NVAR	Mina Array Sea	40.07	88	P	P	13 42 50.4
NVAR	Mina Array Sea	40.07	88	P	P	13 30 05.4 +0.5
NVAR	Mina Array Sea	40.07	88	P	P	13 30 17.5 +0.1
NVAR	Mina Array Sea	40.07	88	P	P	13 30 07.1 +0.6
NVAR	Mina Array Sea	40.07	88	P	P	13 30 06.1 -0.5
NVAR	Mina Array Sea	40.07	88	P	P	13 30 21.0
H17A	Grant Village	41.29	75	P	P	13 30 10.6 +0.6
H17A	Grant Village	41.29	75	P	Iamb	13 30 26.4
YNE	Yellowstone No	41.29	74	P	P	13 30 10.1 +0.1
YNE	Yellowstone No	41.29	74	P	Iamb	13 30 24.7
RLMT	Red Lodge	41.67	73	P	P	13 30 13.9 +0.9
RLMT	Red Lodge	41.67	73	P	P	13 30 27.1 -0.4
RLMT	Red Lodge	41.67	73	P	Iamb	13 30 28.3
R11A	Troy Canyon	41.80	86	P	P	13 30 15.0 +0.9
DUG	Dugway, Tooele	42.37	81	P	Iamb	13 30 19.8 +1.1
DUG	Dugway, Tooele	42.37	81	P	Iamb	13 30 34.8
BW06	Boulder Array	42.82	76	P	P	13 30 22.9 +0.5
BW06	Boulder Array	42.82	76	P	Iamb	13 30 36.5 -0.3
BW06	Boulder Array	42.82	76	P	Iamb	13 30 37.7
PD31	Pinedale Array	42.82	76	P	P	13 30 23.0 +0.6
PD31	Pinedale Array	42.82	76	P	P	13 30 37.3
PDAR	Pinedale Array	42.82	76	P	P	13 30 23.4 +1.0
PDAR	Pinedale Array	42.82	76	P	P	13 30 36.8 -0.3
PDAR	Pinedale Array	42.82	76	P	P	13 30 23.0 +0.6
PDAR	Pinedale Array	42.82	76	P	P	13 30 36.5 -0.5
PDAR	Pinedale Array	42.82	76	P	P	13 30 23.7 0.0
PDAR	Pinedale Array	42.82	76	P	Iamb	13 30 40.3
KSR5	Korea Array	43.04	274	P	P	13 30 25.0 +1.1
KSR5	Korea Array	43.04	274	P	P	13 32 13.9 +0.9
KSR5	Korea Array	43.04	274	P	P	13 30 33.3
RDMU	Red Mountain	44.12	79	P	P	13 30 34.4 +1.5
RDMU	Red Mountain	44.12	79	P	P	13 30 48.0 +0.5
RDMU	Red Mountain	44.12	79	P	Iamb	13 30 48.2
U15A	North Rim	45.04	85	P	Iamb	13 30 41.6 +1.3
U15A	North Rim	45.04	85	P	Iamb	13 30 57.0
O20A	White River Ci	45.19	78	P	P	13 30 42.0 +0.6
O20A	White River Ci	45.19	78	P	P	13 30 49.2 +0.2
NRIK	Nori'sk	45.55	331	P	Iamb	13 30 41.8 -1.8
NRIK	Nori'sk	45.55	331	P	Iamb	13 30 44.4
PV17	East Wray Mesa	45.91	81	P	Iamb	13 30 48.5 +1.4
PV17	East Wray Mesa	45.91	81	P	Iamb	13 31 02.3
PV05	Paradox Valley	45.95	81	P	P	13 30 48.8 +1.4
PV05	Paradox Valley	45.95	81	P	Iamb	13 31 12.4
PV13	Radium Mtn	46.07	81	P	P	13 30 48.4 0.0
PV01	Paradox Valley	46.23	81	P	Iamb	13 30 49.5 -0.2
PV01	Paradox Valley	46.23	81	P	Iamb	13 31 04.9
ULM	Lac du Bonnet	46.41	60	P	P	13 30 50.2 -0.4
AGMN	Agassiz Nation	47.52	62	P	P	13 30 59.0 -0.4
AGMN	Agassiz Nation	47.52	62	P	Iamb	13 30 59.9
SDCO	Great Sand Dun	48.35	79	P	Iamb	13 31 07.0 +0.8
SDCO	Great Sand Dun	48.35	79	P	Iamb	13 31 21.6
T25A	Trinidad	49.40	79	P	P	13 31 15.2 +1.0
CBKS	Cedar Bluff	51.12	74	P	P	13 31 26.7 -0.2
E43A	Lone Tree Farm	53.48	59	P	P	13 31 43.3 -0.9
H42A	Keewaywin, Lux	54.29	62	P	P	13 31 49.2 -1.0
WMOK	Wichita Mounta	54.47	72	P	Iamb	13 31 51.2 0.0
WMOK	Wichita Mounta	54.47	72	P	Iamb	13 32 06.0
P40A	Paris	55.15	69	P	P	13 31 55.3 -1.2
TX31	Lajitas Arr. Si	55.16	86	P	Iamb	13 31 27.3 +0.5
TX31	Lajitas Arr. Si	55.16	86	P	Iamb	13 31 12.9
TX32	Lajitas Array	55.17	86	P	P	13 31 57.2 +0.4
TX32	Lajitas Array	55.17	86	P	Iamb	13 32 12.9
TXAR	Lajitas Array	55.17	86	P	P	13 31 57.3 +0.5
TXAR	Lajitas Array	55.17	86	P	P	13 32 11.2 -0.7
TXAR	Lajitas Array	55.17	86	P	P	13 32 56.6 -0.8
TXAR	Lajitas Array	55.17	86	P	P	13 31 56.8 0.0
R40A	Maddies Statio	55.86	70	P	P	13 31 59.9 -1.6
ZALV	Zalesovo Base	56.01	916	LR	LR	13 57 37.6
X37A	Clayton	56.55	75	P	P	13 32 06.5 -0.1
CCM	Cathedral Cave	56.61	69	P	P	13 32 06.2 -0.7
CCM	Cathedral Cave	56.61	69	P	Iamb	13 32 31.8
SSLB	Suanglung	56.79	267	P	P	13 32 08.7 +0.2
MIAR	Mount Ida	57.65	74	P	P	13 32 14.4 +0.1
ARCES	ARCES Array B	57.96	352	P	P	13 32 15.6 -0.4
ARCES	ARCES Array B	57.96	352	P	P	13 33 05.8 -1.6
ARCES	ARCES Array B	57.96	352	P	P	14 00 40.5
X40A	Basin Creek Fa	58.13	74	P	P	13 32 18.1 +0.4
X40A	Basin Creek Fa	58.13	74	P	Iamb	13 32 18.6
KURK	Kurchatov	60.98	316	P	P	13 32 36.9 -0.1
KURRB	Kurchatov Arra	61.09	316	P	P	13 32 36.9 -0.8
J57A	Williamstown	61.29	316	P	P	13 32 38.0 -0.8
L56A	Greenwood	61.32	58	P	P	13 32 38.9 -0.7
BNW	Binghamton	62.09	57	P	P	13 32 44.2 -0.5
SSPA	Standing Stone	62.22	59	P	P	13 32 45.2 -0.3
MK31	Makanchi Array	62.25	311	Iamb	Iamb	13 32 45.1 -0.6
MK31	Makanchi Array	62.25	311	Iamb	Iamb	13 32 48.3
MKAR	Makanchi Array	62.25	311	P	P	13 32 44.1 -1.6
L59A	Walton	62.55	56	P	P	13 32 47.6 -0.4
KSPA	Keystone Cole	62.67	57	P	P	13 32 48.2 -0.4
R55A	Marlinton	62.72	62	P	P	13 32 49.0 0.0
N59A	State Game Lan	63.13	57	P	P	13 32 51.7 0.0
6F4A	Sherman	63.17	49	P	P	13 32 51.1 -0.7

16 OCT

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ISN	06 13:36:30.9	1.0	34.9	1N	45.12E	h1km,23km,ML2.8
TEH	06 13:36:32.5	34.96N	45.20E	h2km,ML3.1		
ISC	06 13:36:31.1	0.9	34.90N	0.04:45.11E	0.04,h10km,n15,	
					0591/13,Iran-raq border region	
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
IKRK	Kirkuk	0.80	300	Op	ISC	h m s ISC
IKRK	Kirkuk	0.80	300	Op	Pb	13 36 47.0 -0.2
IDHR	Dehrash	1.07	101	eP	Sb	13 36 58.0 -0.1
IDHR	Dehrash	1.07	101	eP	Sg	13 36 58.0 -0.9
IDHR	Dehrash	1.07	101	eP	Sn	13 37 06.9 -0.5
IDHR	Dehrash	1.07	101	eP	Sn	13 37 11.4
IGHG	Ghaleghazi	1.33	115	eP	Pg	13 36 58.0 +1.3
IGHG	Ghaleghazi	1.33	115	eP	Pg	13 37 30.4
ILIN	Lien	1.52	89	eP	Pb	13 36 59.5 -0.1
ILIN	Lien	1.52	89	eP	Pb	13 37 26.8
KCHF	Cheشمه Sefid,	1.71	111	eP	Pb	13 37 02.9 +0.1
KCHF	Cheشمه Sefid,	1.71	111	eP	Pb	13 37 30.1
BHD	Bahad	1.74	201	eP	Pb	13 37 03.0 -0.1
BHD	Bahad	1.74	201	eP	Sg	13 37 26.0 -1.0
BHD	Bahad	1.74	201	eP	AML	13 37 34.9
KER	Kermanshah	1.74	107	eP	Pb	13 37 03.4 +0.1
IDBR	Badra	1.91	159	eP	Pb	13 37 05.0 +1.1
IDBR	Badra	1.91	159	eP	Sb	13 37 30.0 -0.1
IDBR	Badra	1.91	159	eP	AML	13 37 40.6
IDBR	Badra	1.91	159	eP	AML	13 37 41.6
MAHB	Mahabad	1.92	14	e	Pb	13 37 36.0
MAHB	Mahabad	1.92	14	e	Pb	13 37 05.6 -0.7
IBZA	Bozab	2.31	100	eP	Pb	13 37 11.4 -1.6
IBZA	Bozab	2.31	100	eP	Pb	13 37 50.1
IKFM	Kafar-mosalmal	2.65	120	eP	Pn	13 37 15.4 +1.5
IKFM	Kafar-mosalmal	2.65	120	eP	Pn	13 37 51.6
IDOB	Dob	2.77	113	eP	Pn	13 37 16.8 +1.0
IAZR	Azarsahr	2.86	14	eP	Pn	13 37 17.9 +0.9
HSAM	Samen	2.96	102	eP	Pn	13 37 19.0 +0.5
NSR	Nassriya	3.98	167	eP	Pn	13 37 24.0 -8.2
NSR	Nassriya	3.98	167	eP	Sn	13 38 04.0 -1.5
TRN	06 13:38:28.0	13.94N	58.56W	h48km,MD4.1		
ISC	06 13:38:26.7	2.5	13.94N	0.05:58.6W	0.1,h10km,n30,	
				</		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Fray Jorge, Torpederas, El Pedregal, etc.

ISC 06 14:15:52.1z 1.5, 18.91N; 145.36E, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.6/45, mbtrmp3.9/5, Error ellipse: s-maj=135.6km s-min=22.5km az=117.0

NEIC 06 14:16:03.4z 2.3, 17.16N; 0.10-144.7E; 0.1, h86km, 9km, mb4.5/24, Error ellipse: s-maj=19.6km s-min=14.1km az=87.0

ISC 06 14:16:03.8z 0.8, 19.22N; 0.1144.6E; 0.2, h100km, n33, 1963/32, mb4.4/16, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ANA2, ANA2, ANA2, etc.

ISC 06 14:24:19.0z 4.2, 8.46S; 118.55E, h152km, 38km, mb3.0/3, mb1 3.2/7, mb1mx3.1/35, mbtrmp3.6/7, Error ellipse: s-maj=66.0km s-min=16.2km az=59.0

DJA 06 14:24:18.3z 0.4, 9.57S; 7.118E; 1, h10km, 6km, M3.9/9,

mb4.0/1, MLV3.9/9

ISC 06 14:24:17.3z 0.8, 8.64S; 0.08-118.31E; 0.05, h150km, n18, 1961/21, mb3.5/3, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PLAI, TWSI, TWSI, etc.

IASPEI 06 14:28:27.8z 1.3, 24.65N; 0.02-121.63E; 0.03, h56km, 5km, mb3.7/3, Error ellipse: s-maj=4.0km s-min=3.3km az=122.1, GTS selection from ISC bulletin GTS identified by Bondir and McLaughlin (2009) selection criteria Bondir and McLaughlin, A new ground truth data set for seismic studies, <>Seism. Res. Let.</>, 80, 465-472, 2009

TAP 06 14:28:27.4z 24.63N; 121.61E, h57km, ML4.3, B JMA 06 14:28:28.5z 0.1, 24.61N; 121.67E, h37km, 3km, M3.7 IDC 06 14:28:29.5z 7.3, 24.58N; 121.79E, h90km, 74km, mb3.4/3, mb1 3.4/5, mb1mx3.1/48, mbtrmp3.7/5, ML3.2/1, Error ellipse: s-maj=55.8km s-min=27.4km az=62.0

ISC 06 14:28:27.4z 0.8, 24.65N; 0.02-121.61E; 0.02, h57km, 4km, n131, 1922/234, mb3.7/3, 17C-27D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ENTT, ENTT, ENTT, etc.

NTST 06 14:28:29.0z 0.5, 34.4P Pn 14 28 39.9 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ANP, ANP, ANP, etc.

Table with columns: CHKT, Chengkung, 1.56 188 eP, Pn, 14 28 52.1 -0.8, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station details for MASI, KSI, PPSI, etc.

Table with columns: SBCB, baz=266, eS, Sn, 15 04 13.9 -0.5, etc. Lists stations like NSTT, TWT, JYNG, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NPGB, SNDB, PLCA, etc.

6d 17h
Novo Progresso 19.95 52 eP P
Serra Nova Dou 20.59 70 eP P
Paso Flores 20.64 179 P Pn

IDC 06 16:54:00.6:0.8, 3.54N:126:70E, h0km, mb4.0/13,
mb1.4, 1/13, mb1mx3.9/48, mbtpm4.0/13, MS3/4,
Ms1.3/54, ms1mx2.9/47, Error ellipse: s-maj=39.8km
s-min=14.7km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO3, BSO4, BSO1, etc.

IDC 06 16:54:06.8:0.5, 3.60N:126:80E:0.08, h48km, n63,
r150/55, mb4.2/24, 1D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGSI, SGTI, SNTI, etc.

IDC 06 17:06:20.1:0.8, 4.2125N:79:53E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=5.4km s-min=3.0km az=151.0
KRNET 06 17:06:20.0:1.4, 4.223N:79:49E, h10km, mb2.5
SOME 06 17:06:20.1, 4.223N:79:48E, h10km

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

IDC 06 17:02:16.2:2.8, 34:60N:140:44E, h54km, 21km, mb3.5/5,
mb1.3/6.7, mb1mx3.3/38, mbtpm3.7/77, ML3.1/2, Error
ellipse: s-maj=49.1km s-min=12.6km az=89.0
JMA 06 17:02:16.3:0.2, 34:56N:140:36E, h58km, 2km, M3.3
ISC 06 17:02:16.6:0.9, 34.59N:140:36E:0.05, h58km, 8km,
n11, r0976/38, mb3.9/5, 5C-2D, Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO3, BSO4, BSO1, etc.

IDC 06 17:02:16.6:0.9, 34.59N:140:36E:0.05, h58km, 8km,
n11, r0976/38, mb3.9/5, 5C-2D, Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO3, BSO4, BSO1, etc.

IDC 06 17:06:20.1:0.8, 4.2225N:79:53E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=5.4km s-min=3.0km az=151.0
KRNET 06 17:06:20.0:1.4, 4.223N:79:49E, h10km, mb2.5
SOME 06 17:06:20.1, 4.223N:79:48E, h10km

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

IDC 06 17:26:00.2:1.5, 0:36N:103:07E:0.08, h27km, 6km,
mb4.2/18, Error ellipse: s-maj=11.8km s-min=10.5km
ISC 06 17:25:59.5:0.8, 0:29N:103:07E:0.08, h30km, 4km,
h31km, p:n50, r1303/50, mb4.2/15, Off-pw coast of
northern Sumatera

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

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

IDC 06 17:26:00.2:1.5, 0:36N:103:07E:0.08, h27km, 6km,
mb4.2/18, Error ellipse: s-maj=11.8km s-min=10.5km
ISC 06 17:25:59.5:0.8, 0:29N:103:07E:0.08, h30km, 4km,
h31km, p:n50, r1303/50, mb4.2/15, Off-pw coast of
northern Sumatera

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

IDC 06 17:26:00.2:1.5, 0:36N:103:07E:0.08, h27km, 6km,
mb4.2/18, Error ellipse: s-maj=11.8km s-min=10.5km
ISC 06 17:25:59.5:0.8, 0:29N:103:07E:0.08, h30km, 4km,
h31km, p:n50, r1303/50, mb4.2/15, Off-pw coast of
northern Sumatera

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

IDC 06 17:26:00.2:1.5, 0:36N:103:07E:0.08, h27km, 6km,
mb4.2/18, Error ellipse: s-maj=11.8km s-min=10.5km
ISC 06 17:25:59.5:0.8, 0:29N:103:07E:0.08, h30km, 4km,
h31km, p:n50, r1303/50, mb4.2/15, Off-pw coast of
northern Sumatera

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

IDC 06 17:26:00.2:1.5, 0:36N:103:07E:0.08, h27km, 6km,
mb4.2/18, Error ellipse: s-maj=11.8km s-min=10.5km
ISC 06 17:25:59.5:0.8, 0:29N:103:07E:0.08, h30km, 4km,
h31km, p:n50, r1303/50, mb4.2/15, Off-pw coast of
northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H0S2, H0S3, H0S1, etc.

6d 19h

Table with columns: LZH, KIROV, SONM, SOC, HHC, OBN, OBN, OBN, OBN, FIA1, FINES, FINES, FINES, FINES, FINES, GERES, NC405, NC303, NC303, NB201, NOA, NC204, GSI, ESOC, TORD, ILAR, ILAR, WRA, WRA, ASAR, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 06 18:18:49.7,3.5,5.65S,152.05E,h0km,mb3.6/3, mb1 3.8/4,mb1mx3.5/38,mbtmp3.7/4,ML1.6/1, Error ellipse: s-maj=114.8km s-min=48.6km az=125.0, New Britain region

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

IDC 06 19:23:42.8,4.1,2.228S,177.04W,h0km,mb3.5/2, mb1 3.8/2,mb1mx3.5/38,mbtmp3.5/2, Error ellipse: s-maj=191.9km s-min=58.9km az=151.0, South of Fiji Islands

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

IDC 06 19:26:51.3,2.8,3.205S,171.49W,h0km,mb3.9/2, mb1 3.9/3,mb1mx3.7/23,mbtmp3.8/3,ML3.4/1,MS3.0/1, Ms1 3.0/1,ms1mx2.6/34, Error ellipse: s-maj=102.6km s-min=60.9km az=102.0

GUC 06 19:26:55.6,0.5,30.58S,171.65W,h40km,ML4.0, ISC 06 19:26:56.0,1.1,30.55S,170.66W,0.09,h33km,5km, n19, n092/28,2C-2D, Near coast of central Chile

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

2015 OCT

TORD Torodi Ar. Bea 82.74 70 P P 19 39 16.4 -0.6
ZALV Zalesovo Beam 151.29 PKPbc 19 46 45.4 +0.2

TAP 06 19:30:53.5,24.66N,121.71E,h9km,ML1.9,B,Taiwan

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

TAP 06 19:30:54.7,24.27N,121.83E,h14km,ML1.9,D,D,Taiwan

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

242

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

NEIC 06 19:38:47.3,1.2,18.1S,0.2,178.1W,0.2,h628km,10km, mb4.4/29, Error ellipse: s-maj=32.6km s-min=16.3km az=150.0

IDC 06 19:38:48.4,2.0,18.17S,178.17W,h644km,20km, mb3.3/10,mb1 3.5/11,mb1mx3.1/44,mbtmp4.3/11, Error ellipse: s-maj=53.2km s-min=17.0km az=158.0

ISC 06 19:38:47.1,1.0,18.1S,0.2,178.0W,0.1,h635km,10km, n49, n085/54,mb4.4/22,Fiji Islands region

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

DJA 06 19:39:37.1,1.2,4.3S,127.7E,h28km,12km,M4.2/12, mb4.4/8,mb4.9/1,MLV4.1/12,MLV4.2/1

NEIC 06 19:39:38.1,2.1,3.71S,0.05,127.43E,0.05,h56km,10km, mb4.3/16, Error ellipse: s-maj=11.3km s-min=7.2km az=171.0

IDC 06 19:39:39.6,4.2,3.62S,127.54E,h60km,44km,mb3.6/6, mb1 3.9/9,mb1mx3.7/41,mbtmp4.0/9,ML3.8/3,MS3.2/8, Ms1 3.2/8,ms1mx2.9/41, Error ellipse: s-maj=34.3km s-min=15.9km az=91.0

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FAKI, LUWI, BSSI, BAKSI, BATI, KAPI, MTN, FITZ, WRAB, WRA, WRA, WB2, WR0, COEN, LEM, AS31, ASAR, TATO, CMAR, JWJ, KSR5, KSR5, USA08, USKR, PALK, KLR, MK31, MK31, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, CHGR, KKAR, Vnda, Vnda.

TAP 06 19:45:33.2, 21:09N:122:03E, h171km, ML4.1, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LAY, TSEB, TWBKT, TWBKT, TWK1, HEN, HEN, SLIU, SLIU, TAW, TAW, TAW, LDUT, EAST, EAST, ECL, ECL, SCZT, SCZT, TTN, TWGBT, TWGBT, TWG, TWG, SSPT, SSPT, WLCH, WLCH, EDH, EDH, EDH, EDH, LONT, LONT, LONT, MASBT, MASBT, TSMG, TSMG, CHKT, CHKT, CHKT, CHKT, SSD, SSD, SSD, SGLT, SGLT, SGLT.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FULB, ELDTW, EYUL, EYUL, STYH, STYH, YULB, YULB, SGST, SGST, HGSD, HGSD, EHY, EHY, CHN1, CHN1, CHN3, CHN3, WTP, WTP, SNST, SNST, TPUB, TPUB, YUS, YUS, TWK, TWK, TWK, CHN4, CHN4, EGFH, EGFH, ALS, ALS, SCLT, SCLT, ESSL, ESSL, ICHU, ICHU, ICHU, CHN5, CHN5, CHN5, CHN8, CHN8, CHY, CHY, CHN2, CHN2, SSLB, SSLB, WDLH, WDLH, SMLT, SMLT, WJS, WJS, WTK, WTK, WSF, WSF, WNT, WNT, CHGB, CHGB, WHF, WHF, WCS, WCS, WCHM, WCHM, VCHM, VCHM, FUSS, FUSS, FUSS, WCHH, WCHH, TCU, TCU, PHUB, PHUB, PHUB, PHUB, WHP, WHP, PNG, PNG, PNG, NNSB, NNSB, TWQ1, TWQ1, YHNB, YHNB, NSK, NSK.

HEL 06 19:51:08.2, 0.1, 67:85N:20:20E, h0km, ML1.9 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KUA, KUA, RATU, RATU, KUVU, KUVU, NIKU, NIKU, LANU, LANU, KIF, KIF, KIF, KIF, HEF, HEF, HEF, HEF.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ERTU, ERTU, KALU, KALU, TOF, TOF, SGF, SGF, ARAO, ARAO, RNF, RNF, KEV, KEV, MSF, MSF.

IDC 06 19:53:19.4, 0.8, 6:73N:72:96W, h150km, 10km, mb3.0/1, mb1 3.7/4, mb1mx3.2/34, mbtmp4.0/4, Error ellipse: s-maj=36.4km s-min=7.4km az=133.0

RSNC 06 19:53:21.0, 0.8, 6:80N:73:13W, h146km, 3km, ML3.7, Mw4.0, Fault plane solution: NP1:phi=38.00000, 672.00000, 1.18.00000

ISC 06 19:53:19.6, 0.9, 6:80N:0:03:73:10W, h153km, 6km, m48, phi=144/89, 5C-10D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BARC, BARC, BARC, PAMC, PAMC, PAMC, BRRC, BRRC, BRRC, RUSC, RUSC, RUSC, TAMC, TAMC, TAMC, OCAC, OCAC, OCAC, SPBC, SPBC, SPBC, ZARC, ZARC, ZARC, NORC, NORC, NORC, SMLC, SMLC, SMLC, CHIC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, ROSC, HELC, HELC, HELC, UREC, UREC, UREC, VILC, VILC, VILC, LL2C, LL2C, LL2C, LL1C, LL1C, LL1C, PTGC, PTGC, PTGC, CBCC, CBCC, CBCC, DBBC, DBBC, DBBC, SDV, SDV, SDV, ARGC, ARGC, ARGC, ANIL, ANIL, ANIL, ORTC, ORTC, ORTC, CVALL, CVALL, CVALL, SJCC, SJCC, SJCC, LCBC, LCBC, LCBC, CRJC, CRJC, CRJC, GUVV, GUVV, GUVV, YOTC, YOTC, YOTC, SMRC, SMRC, SMRC, CAPC, CAPC, CAPC, MACC, MACC, MACC, BETC, BETC, BETC, MARP, MARP, MARP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMRZ, PLWZ, SNGZ, EDKZ, MARZ, ORZ, TGRZ, OPRZ, URZ, etc.

SFS 06:20:52:21.0, 35.56N, 3.87W, ML2.5, ALBORAN SUR
MDD 06:20:52:0.3, 35.60N, 3.85W, h0km, mblg, 4/25, Error ellipse: s-maj=3.5km s-min=2.9km az=16.0, PRXIMO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALE, PALE, PVLZ, PEAN, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHAS, CHAS, SMIR, CEU, CEU, etc.

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

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

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

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

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESPR, IFR, EQES, EADA, EADA, etc.

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

BUJ 06:21:27:27.4, 0.0, 36.08N, 29.49E, h29km, mB5.3/41, mB5.1/68, Ms4.9/51, Ms7.4/6/50

6d 21h

2015 OCT

246

Table with columns for station name, frequency, power, and signal quality. Includes stations like ISPA, Basmak-Afyon, Konya, Seydisse, and many others across various frequencies.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like D05A, PINE, LUMMI, etc.

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

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

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

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

NIED 07:00:20:21.9, 38.88N, 142.50E, h38km, MW3.6 Moment Tensor Solution...

JMA 07:00:20:21.9, 38.88N, 142.50E, h38km, M4.1, Near east coast of eastern Honshu

TIR 07:01:39:13.0, 41.17N, 20.07E, h1km, M2.5/15 PDG 07:01:39:13.0, 41.17N, 20.07E, h1km, M2.5/15

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRU, U15A, PV14, etc.

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

ANF 07:00:29:21.7, 2.6, 44.30N, 129.79W, h10km, ML3.6/5, Error ellipse: s-maj=29.5km s-min=6.7km az=78.0

TXAR 07:01:21:17.9, 2.1, 1.26S, 97.41E, h0km, mb3.8/5, mb1 3.9/7, ms1mx3.6/56, mbtmp3.8/7, ML4.1/1, MS3.9/1, MS1 3.5/1, ms1mx2.7/43, Error ellipse: s-maj=73.1km s-min=22.7km az=62.0

NEIC 07:01:21:26.4, 2.6, 0.8S, 0.1, 1.975E, 0.2, h26km, 4km, mb4.3/7, Error ellipse: s-maj=23.8km s-min=13.7km az=75.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I02D, KEBM, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G03D, I03D, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, H01W, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H04A, F04A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W2, WR0, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PGC, F05D, etc.

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

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

IDC 07:01:23:35.9, 0.7, 9.64S, 158.31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/43, mbtmp3.9/4, Error ellipse: s-maj=36.2km s-min=4.7km az=167.0

Bougainville-Solomon Islands region

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like EDW2, 152A, GSC, T25A, MVCO, LRVCO, PKM, W45A, QSM, U40A, SDCO, KNB, K41A, S22A, PLAL, LCAR, PCRV, PKCU, FURC, PV01, CWC, PBMO, GRAC, MT05, S39A, V48A, WVT, WWT, Q24A, CBKS, KSCO, MVU, BO01, ZON, MACA, R11A, BO02, CCM, TMUT, TPH, BG3, ISCO, P17A, SIV, PAULI, BOAV, O20A, LHV, PTGA, NVAR, NVAR, V53A, VILB, MPU, KMSC, RYN, TZTN, TZTN, DUG, DUG, N23A, P40A, JLU, YERR, PHWY, WCI, LC01, VCNR, MPK, PTHR, PTHR, SPUT, GDXM, P46A, ORV, HVU.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PPT, PPT2, PPT2, PPT2, K22A, K31A, BW06, BW06, PD31, PD31, PDAR, PDAR, P49A, O02D, PLCA, PLCA, PLCA, PLCA, REDW, TPWA, TBI, TBI, FXWY, N02D, Q54A, MOOW, RSSD, RSSD, RSSD, P52A, ECSD, KHMM, KHMM, ITTB, HLID, HLID, HLID, M02C, CLDB, M04C, JFWS, YBHA, YBHA, YBHA, NPGB, KRMB, O53A, BCWY, L04D, J08A, YHB, SALV, OLMT, YNE, RLMT, RLMT, L02E, J05D, K02D, J04D, M4LB, BOZ, BOZ, N54A, O56A, CPUP, CPUP, CPUP, PINE, DBO, M53A, PP1B, SPMN, J01E, I04A, M54A, SSPA, LAO, I03D, H04A, H04A, TRQA, G05D, ITOB, ITOB, WNVN, HAWA, EGMT, MCPB, DGMT, LPA.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LPA, LPA, LPA, SNDB, C09A, LTY, TRCB, TRCB, NEW, NEW, PTGB, PRPB, PRPB, B05A, B05A, CPBS, ULM, ULM, ITRB, PEAK, PEAK, CNLB, BDFB, BDFB, SMTB, IPMB, BB19B, RAR, EDM, RCLB, SDBA, BSCB, MC01, DIAM, EFT, BSFB, NBPN, NBMO, GUA01, GUA01, GUA01, NBMA, DLBC, NBCL, NBLA, SCHO, NBPA, YKA, YKA, NBLV, NBAN, SKAG, TGTN, WHY, MMPY, HYT, FARO, YUK6, YUK4, CTG, YARN, YARN, MCARA, BMRM, BMRM, GBLB, M27K, M27K, M25K, L27K, L27K, DAWY, DAWY, L26K, L26K, MENT, MENT, HARP, BRSE, K27K, K27K, PAX, SML, EGAK, EGAK, EGAK, RC01, SCRK, RIDG, RIDG, WATY, WATY, CHGN, J25K, INK, MCK, MCK, N19K, IL31, IL31, ILAR, PRP, TRF.

7d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PPLA Purkeypile, MDM Murphy Dome, NEA2 Nenana, etc.

UPA 07 02:33:20.1±1.6, 8.45N, 77.63W, h10km, 6km, MW4.7, RSNC 07 02:33:21.8±1.1, 8.49N, 77.62W, h22km, 3km, ML2.7, Mw3.3

ISC 07 02:33:20.9±0.9, 8.53N, 073.7763W, 0.02, h24km, 8km, n38, r1914/62, 6C-6D, Panama-Colombia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CAP2 Capurgana, UPD2 Meteti, LCB2 Los crdoabas, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZANG Isla Barro Col, BCIP Isla Barro Col, SOLC Bahia Solano, etc.

ISC 07 02:34:18.7±1.9, 3.167S, 134.83E, h0km, mb3.8/1, mb1.4/0.6, mb1mx3.726, mbtmp3.9/6, ML3.8/5, MS3.7/2, Ms1.3/7.2, ms1mx3.0/40, Error ellipse: s-maj=58.5km, s-min=23.4km, az=67.0

ISC 07 02:34:22.8±1.5, 3.95S, 01.1344E, 0.03, h21km, n7, c05447, Irian Jaya region

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

EAF 07 02:40:41.9±7.9, 8.82N, 40.42E, h0km, 54km, Ethiopia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANKE Ethiopia-Afar, AAE Adis Abeba, DESE Dese, etc.

ISC 07 02:47:52.7±9.5, 4.44N, 95.38E, h82km, 68km, mb3.4/6, mb1.3/7.8, mb1mx3.3/66, mbtmp3.8/8, ML4.0/2, Error ellipse: s-maj=157.2km, s-min=19.1km, az=59.0

NEIC 07 02:47:54.2±2.8, 4.7N, 0.1, 95.65E, 0.06, h77km, 9km, mb4.3/7, Error ellipse: s-maj=18.1km, s-min=7.0km, az=197.0

DJA 07 02:47:55.0±1.2, 5.5N, 9.6E, h56km, 12km, M3.5/5, ML3.5/5

ISC 07 02:47:52.0±0.8, 4.52N, 07.9545E, 0.09, h63km, n24, r1528/28, mb4.1/3, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLSI Meulaboh, LHMI Lhok Sumawe, GSI Gunungsitoli, etc.

258

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV Toledo Beam, ABKAR Abkabal array, ARCES ARCESS Array B, etc.

IDC 07 02:49:26.3±3.4, 4.32S, 104.40W, h0km, mb3.6/6, mb1.4/0.6, mb1mx3.733, mbtmp3.6/6, MS4.1/1.0, Ms1.4/1.0, ms1mx3.9/27, Error ellipse: s-maj=125.0km, s-min=30.9km, az=48.0

NEIC 07 02:49:31.6±2.5, 4.15S, 0.2, 104.4W, 0.1, h10km, 2km, mb4.5/28, Error ellipse: s-maj=35.6km, s-min=7.6km, az=219.0

GCMT 07 02:49:36.6±0.6, 3.89S, 0.03, 104.04W, 0.03, h19km, 2km, MW4.8/3, Moment Tensor Solution. s5; c5; s83, c107; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=1.7±0.3; 12; M0=0.45±10; M00=0.15±0.09; M01=0.48±21; M02=1.75±08; M03=0.63±21; Best double couple: M1=1.95900x10^16 Np1=0.272, 0.00000, 0.72, 0.00000, -1.71, 0.00000. NP2: q=8.00000, 3.74, 0.00000, -1.61, 0.00000. Principal axes: T 1.0290, P1.0000, Azm140.0000; N 0.0630, P1g65.0000; Azm47.0000; P -1.9930, P1g25.0000; Azm23.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 02:49:28.2±2.0, 4.45S, 0.3, 104.04W, 0.03, h10km, n54, r1506/41, mb4.5/17, MS4.0/9, Central East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, HUEH Huehuetenango, CCIG Comitán, etc.

BUI 07 03:01:14.9±0.0, 33.94N, 136.30E, h379km, mb4.6/19, mb4.8/47

MOS 07 03:01:16.±0.8, 33.83N, 136.30E, h391km, mb4.4/35, Error ellipse: s-maj=8.1km, s-min=5.2km, az=94.6

Table with columns for station ID, name, frequency, and various signal quality metrics (P, I, S, etc.). Includes stations like BRVK, O19K, J20K, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like ASAR, ARCS, ARCS, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like NOA, YBH, KMRM, etc.

7d 3h

Table with columns: WB2, WARRAMUNGA ARR, 44.91 260, P, P, 03 24 26.7 -0.7, etc.

AEIC 07 03:29:47.1.5, 62.25N:0.02:153.39W:0.03, h2km, 6km, ML3.3, ML3.4/118(NEIC), Error ellipse: s-maj=2.4km s-min=2.0km az=222.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

2015 OCT

Main station list table with columns: O19K, Port Alsworth, 2.09 193, P, Pn, 03 30 23.7 +0.2, etc.

262

Main station list table with columns: HIN, Hinchinbrook I, 3.81 116, Pn, Pn, 03 30 46.8 +0.3, etc.

VIE 07 03:33:01.2, 0.3, 50.52N:16.02E, h0km, mb2.0/1, m2.7/3, Error ellipse: s-maj=3.2km s-min=2.2km az=118.0 73 km ESE of Liberec Suspected Mining Induced.

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

Table with columns for station code, name, frequency, and signal strength. Includes stations like KSP, KRLC, LIPC, PVCC, ANAC, MUVK, PRU, MORC, VRAC, BRG, KRUC, KRUC, JAVO, CKRC, KHC, CLL, MODS, LANS, MOA.

NEIC 07 03:49:32.2±1.9, 33.24S:0°08'177.8W:0°1', h10km, 2km, mb4.7/12, Error ellipse: s-maj=18.1km s-min=10.4km az=47.0

WEL 07 03:49:37.6±0.8, 33°S:7°17'8W:1°2', h33km, M4.6/24, mb5.1/12, ML5.2/24, MLV4.9/24, mb(MB)4.5/12, Error ellipse: s-maj=0.0km s-min=0.0km az=15.9

IDC 07 03:49:48.1±2.3, 33°46'S:178°78'W: h106km, 20km, mb4.0/6, mb1.4/2.7, mb1.3/8.42, mbtmp4.4/7, Error ellipse: s-maj=30.5km s-min=20.5km az=144.0

ISC 07 03:49:36.7±0.8, 33.20S:0°07'177.88W:0°09', h34km, n68, c144/93, mb4.7/12, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, H, m, s, ISC, Res. Lists stations like MXZ, WGMZ, PKGZ, HAZ, PUK, RAGZ, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ASAR, WRO, WB2, WRB, WRA, WBO, FORT, FITZ, MAW, SNA, KSR, NVAR, FI1, FINES, FINES, NOA, AKAS, BRTR, TORD.

NOU 07 03:50:29.7±0.4, 30°44'S:176°07'W, h99km, mb5.6/35, Kermadec Islands Region

BUI 07 03:50:33.1±0.0, 30°04'S:177°03'W, h48km, mb5.7/11, mb5.1/15, Ms5.1/3, Ms7.4/3

NEIC 07 03:50:33.4±1.2, 30°27'S:0°05:177°9W:0°1', h28km, 4km, mb5.0/89, Error ellipse: s-maj=18.3km s-min=7.6km az=96.0

MOS 07 03:50:34.5±0.9, 30°28'S:177°89'W, h49km, mb5.2/24, Error ellipse: s-maj=13.3km s-min=9.6km az=86.3

IDC 07 03:50:43.2±4.4, 30°30'S:177°93'W, h116km, 37km, mb4.9/19, mb1.4/5.2/1, mb1mx4.4/44, mbtmp4.7/21, MS3.7/4, mb1.3/7.4, ms1mx3.5/16, Error ellipse: s-maj=17.1km s-min=14.1km az=81.0

ISC 07 03:50:34.6±0.3, 30.38S:0°04:177°80'W:0°07, h46km, n384, c195/367, mb5.0/81, 11C-11D, Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, H, m, s, ISC, Res. Lists stations like GLKZ, RAO, RAO, RAO, RAO, RAO, RAO, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, H, m, s, ISC, Res. Lists stations like MEH, TOO, TOO, TOO, VAH, CTA, CTAO, CTAO, CTAO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Columbia Colle, Horse Mountain, Goldstone, Bar, Whiskeytown Da, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Chiang Mai Arr, Haiy, Pearl Lake, Waxed Ridge, Red Top Meadow, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Molde, AAL, Dombas, Aaknes, FKO, etc.

NEIC 07:03:58.23.4.1.2. 5.47S.0:07.151.8E.0:1. h61km, 7km, mb4.716. Error ellipse: s-maj=15.6km s-min=8.0km az=113.0

IDC 07:03:58.27.2.4.9. 5.41S. 151.56E, h81km, 41km, mb4.1/9, mb1 1.2/10, mb1mx3.8/53, mbtmp4.4/10. Error ellipse: s-maj=35.5km s-min=22.8km az=103.0

ISC 07:03:58.23.4.0.5. 5.48S.0:08.151.8E.0:10. h50km, n35, e1920/38, mb4.6/16. New Britain region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like Rabaul, Port Moresby, Mantong Dam, etc.

Table with columns: FITZ, FITZ, FITZroy Crossi, 28.46 242, P, Iamb, Iamb, 04 04 13.0 -1.0, 04 04 13.6

IDC 07 04:06:05.1e.1.2, 1.02S, 120.93E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.7/5, mbtmp3.8/6, ML4.2/1, MS3.6/4, Ms1 3.6/4, ms1mx3.1/35, Error ellipse: s-maj=44.6km

DJA 07 04:06:09.1e.0.3, 1.53S, 121.12E, h10km, M4.5/11, mb4.8/3, mb4.9/2, MLv4.4/11, MW(Mb)4.2/2

NEIC 07 04:06:10.8e.1.9, 1.02S, 120.00E, h0.09, h64km, 12km, mb4.3/10, Error ellipse: s-maj=13.2km s-min=4.9km az=86.0

ISC 07 04:06:10.3e.0.7, 1.06S, 120.73E, h0.05, h49km, n32, s178/34, mb4.2/11, Suawesi

Main station list table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h, m, s, ISC

AEIC 07 04:07:29.1e.2.55, 75N, 0.05E, 157.01W, 0.05E, h27km, 8km, ML3.3/53, ML3.5/20(NEIC), Error ellipse: s-maj=7.8km

ISC 07 04:07:28.4e.1.6, 55.72N, 0.09E, 157.00W, 0.04, h34km, 3km, n65, 0569/70, South of Alaska

Main station list table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h, m, s, ISC

Main station list table with columns: SDPT, baz=77, OHAH, Old Harbor, OHAH, Old Harbor, OHAH, baz=236

MOS 07 04:16:44.9e.1.3, 43.75N, 147.24E, h67km, mb4.8/12, Error ellipse: s-maj=9.2km s-min=7.7km az=105.3

MOS Felt (II) at Malokuil'skoye. JMA 07 04:16:45.8e.0.2, 43.57N, 147.15E, h39km, M4.1

NIED 07 04:16:45.9e.0.4, 43.57N, 147.15E, h39km, MW3.9, Moment Tensor Solution, s7, Mw=3.65, Ms=4.0, Mw-1.2, Mw=3.88

SKHL 07 04:16:46.5e.0.2, 43.70N, 147.10E, h75km, 4km, mb5.0/14, NEIC 07 04:16:47.5e.1.4, 44.11N, 147.01E, 0.1, h46km, 10km, mb4.3/24, Error ellipse: s-maj=17.7km s-min=12.1km az=152.0

IDC 07 04:16:51.4e.1.5, 44.94N, 146.62E, h35km, 6km, mb3.8/20, mb1 4.0/22, mb1mx3.9/38, mbtmp4.0/22, ML3.0/2, MS2.9/2, Ms1 2.9/2, ms1mx2.5/46, Error ellipse: s-maj=45.7km s-min=13.9km az=172.0

ISC 07 04:16:45.7e.0.7, 43.82N, 147.16E, h106, h61km, 4km, h61km, pP, n121, s1952/157, mb4.3/38, 2C-7D, Kuril Islands

Main station list table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h, m, s, ISC

Main station list table with columns: KUR, KUR, comp=Z,201nm,0.4s, eS, pmax, Sn, pmax, 04 17 33.0 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Borovoye Array, Ala-Archa, Karatay Array, etc.

IDC 07 04:45:53.2, 3.0, 61'S; 72.24W, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/26, mbtrmp3.5/3, ML3.6/1, Error ellipse: s-maj=84.7km s-min=54.6km az=34.0

NEIC 07 04:45:55.0, 1.4, 30.38S; 0.01; 72.18W, 0.05, h12km, mb3.4, mb4.1/4, Error ellipse: s-maj=6.1km s-min=1.7km az=91.0

ISC 07 04:45:54.7, 3.6, 30.40S; 0.05; 72.16W, 0.08, h8km, 23km, n28, e118/34, mb3.8/4, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Santo Domingo, Talagata, Popeta, etc.

IDC 07 04:51:52.5, 1.9, 17.76S; 167.29E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/36, mbtrmp3.9/5, ML3.8/1, MS3.9/2, Ms1 3.9/2, ms1mx3.1/41, Error ellipse: s-maj=46.9km s-min=29.0km az=109.0

NOU 07 04:51:53.4, 17.69S; 167.20E, h1km, MLV4.6/12, Vanuatu Islands

NEIC 07 04:51:54.9, 0.9, 17.64S; 0.02; 167.4E, 0.1, h21km, 6km, mb4.4/6, Error ellipse: s-maj=20.4km s-min=2.9km az=94.0

ISC 07 04:51:54.5, 0.7, 17.86S; 0.04; 167.30E, 0.07, h19km, n31, e118/33, mb4.2/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Devils Point, Rentapao, Sararoutou, etc.

IDC 07 04:54:02.4, 2.9, 14.73N; 93.65W, h0km, mb3.5/2, mb1 4.0/4, mb1mx3.6/41, mbtrmp3.5/4, ML3.5/2, MS2.8/2, Ms1 2.9/2, ms1mx2.7/66, Error ellipse: s-maj=186.5km s-min=43.6km az=72.0

MEX 07 04:54:49.9, 0.9, 14.53N; 95.10W, h5km, MD4.2

ISC 07 04:54:46.7, 1.7, 14.53N; 0.1; 95.03W, 0.10, h10km, n19, e240/29, Off coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Huatulco, Puerto Escondido, Matias Romero, etc.

IDC 07 04:55:45.0, 4.3, 20.92S; 169.51E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.4/39, mbtrmp3.4/3, ML3.2/1, Error ellipse: s-maj=218.4km s-min=36.7km az=151.0

NOU 07 04:55:57.7, 21.94S; 168.80E, h0km, MLV3.5/8, Loyalty Islands

ISC 07 04:55:45.8, 3.2, 18S; 0.2; 169.7E, 0.1, h10km, n18, e119/20, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mare, Loyalty, Pines Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, Dzumac, etc.

IDC 07 04:58:19.2, 1.2, 28.33N; 84.77E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.6/51, mbtrmp3.8/8, ML4.0/2, MS3.7/2, Ms1 3.7/2, ms1mx2.8/131, Error ellipse: s-maj=45.9km s-min=22.1km az=60.0

NDI 07 04:58:19.3, 1.2, 28.79N; 85.12E, h10km, ML3.3

NEIC 07 04:58:20.6, 1.8, 27.88N; 0.10; 84.88E, 0.06, h35km, 6km, mb4.5/4, Error ellipse: s-maj=15.1km s-min=4.5km az=203.0

ISC 07 04:58:19.0, 0.7, 28.17N; 0.06; 85.08E, 0.06, h12km, n27, e174/26, mb3.8/6, Nepal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tadong, Bokaro, Lhasa, etc.

IDC 07 05:16:19.1, 1.3, 30.54S; 177.69W, h0km, mb4.1/5, mb1 4.3/7, mb1mx4.0/32, mbtrmp4.2/7, ML3.1/1, Error ellipse: s-maj=34.6km s-min=22.6km az=125.0

ISC 07 05:16:21.3, 0.9, 30.42S; 0.06; 177.3W, 0.2, h10km, n25, e194/18, mb4.2/5, Kermadec Islands

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

IDC 07 05:24:15.6, 4.0, 36.29N; 70.28E, h206km, 43km, mb3.1/3, mb1 3.2/8, mb1mx3.0/50, mbtrmp3.8/8, Error ellipse: s-maj=42.2km s-min=23.8km az=152.0

NCC 07 05:24:20.6, 11.0, 37.06N; 69.89E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=85.4km s-min=76.3km az=168.0

ISC 07 05:24:17.7, 0.8, 36.58N; 0.06; 70.04E, 0.09, h213km, n35, e142/40, 3C-3D, Hindu Kush region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

IDC 07 05:43:35.2, 1.6, 1.00S:121.10E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/30, mbmp3.6/4, ML3.7/1, MS3.3/5, MS1 3.3/5, ms1mx2.9/32, Error ellipse: s-maj=62.7km s-min=25.0km az=65.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LUWI Luwuk, GTOI Gorontalo, BNSI Bone, etc.

VAO 07 05:59:13.1, 0.4, 17.68S:69.73W, h124km, mb4.8 NEIC 07 05:59:13.1, 2.5, 17.75S:0.05:69.79W, h128km, 5km, mb4.8/233, ML4.8(ARE), ML4.9(GUC), Error ellipse: s-maj=11.6km s-min=6.1km az=114.0

GUC 07 05:59:14.0, 7.0, 17.86S:70.02W, h146km, 3km, ML4.9 ARE 07 05:59:15.4, 4, 17.88S:0.05:70.07W, h132km, 4km, Error ellipse: s-maj=10.0km s-min=0.0km az=192.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AP01 Chacalluta, PISG Pisagua, PSCX Pisagua, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB08 IPOC Station P, HB08 Humbrestone, TA02 Huaiquique, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TAMC Tame, Arauca, CB0C Ciudad Bolivar, BARC Barichara, HELC Santa Helena, etc.

7d 6h

2015 OCT

268

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 N59A State Game Lan, P49A Miami Univ. Ec, 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 PDMCI Parker Dam,Lak, F36A Milaca, 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 YBH Yreka Blue Hor, L04D Klamath Falls, etc.

Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PNIQ Pinotepa, PNIQ Pinotepa, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H03N1, H03N3, INK, ILAR, TRF, etc.

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

NEIC 07 08:01:57.0,1.2,36.81N,0.04:70.60E,0.09,h17km,5km, mb4.4/17, Error ellipse: s-maj=10.4km s-min=6.0km az=102.0

NMC 07 08:02:03.3,1.7,37.36N,70.74E,h32km,14km,mb3.9, mpv5.2, Error ellipse: s-maj=18.8km s-min=9.4km az=179.0

ISC 07 08:01:57.0,0.4,36.77N,0.04:70.73E,0.04,h309km,4km, h309km,pP-P,n152,ct159/178,mb4.2/35,12C-13D,Hindu Kush region

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

Table with columns: UOSS, Minazori, DGZ, BOK, BOK, POO, ZAAO, ZALV, ZALV, ZALV, HYB, SVE, SHL, SHL, ARU, ARU, ARU, ARU, ARU, KBZ, KIV, BELG, BELG, BELG, GAT, GAT, KIRV, SONM, SONM, SONM, ULN, ULN, OBN, OBN, OBN, OBN, PALK, PALK, PALK, PALK, CMAR, CMAR, XAN, XAN, XAN, KLMR, KLMR, KLMR, KLMR, AKASG, AKASG, NRIK, NRIK, NRIK, NRIK, VALR, VALR, FINES, FINES, FINES, ARCES, ARCES, PSI, PSI, RPSI, RPSI, NOA, NOA, MNSI, MNSI, KRSR, KRSR, KLR, KLR, TIXI, TIXI, TIXI, VLA, VLA, KIBK, KIBK, PPBI, PPBI, MBAR, MBAR, YSS, YSS, PCI, PCI, VOI, VOI, VOI, TORO, TORO, TORO, INK, INK, ILAR, ILAR, ILAR, KTH, KTH, KTH, LBTB, LBTB, LBTB, DHY, DHY, DHY, DOT, DOT, DOT. Lists various seismic stations and their recorded events.

Table with columns: WRA, WRA, WRA, ASAR, ASAR, PLCA. Lists seismic stations and their recorded events.

TRN 07 08:09:04.8, 13.64N,58.43W,h117km,MD3.9 ISC 07 08:09:06.8,3.0,13.86N,0.06:58.5W,0.2,h10km,n15, ct095/23,North Atlantic Ocean

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

TAP 07 08:43:36.4,24.44N,122.79E,h80km,1km,ML3.1,B JMA 07 08:43:36.4,0.1,24.45N,122.73E,h97km,1km,ML2.5 ISC 07 08:43:37.2,1.4,24.47N,0.04:122.74E,0.03,h86km,9km, n73,ct072/132,Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHF, JISG, EGHF, TWT, TDCB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESQI, ORTG, SOR, MTDJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAMP, ATCC, AVT, etc.

7d 10h

Table with columns: Station Name, Time, and various status indicators (P, S, I, etc.). Includes stations like VASR Vaslui, LEHL Lehlil, HARR Harsova, etc.

2015 OCT

Table with columns: Station Name, Time, and various status indicators. Includes stations like GZR Gura Zlata, KMPD K-Podol'ski, KSV Kosovo, etc.

274

Table with columns: Station Name, Time, and various status indicators. Includes stations like SUDU comp=E,37nm,0.6s, SUDU comp=N,42nm,0.4s, SUDU comp=N,42nm,0.4s, etc.

Summary information including WEL 07:10:10:2.0, 0.8, 5.5, 6.5, 16.7E, h118km, 6km, M3, 7/3, MLV3, 7/3, Error ellipse: s-maj=0.0km s-min=0.0km az=130.4, South Island. Includes a table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res.

Table with columns: WKZ, PYZ, JAZ, EAZ, TUZ, APZ, SYZ, LBZ, FOZ, ODZ, HHSZ, TMZ, ARZ, RPZ, RFPZ, MHCZ, OXZ, LTZ, THZ. Includes station names like Puysegur Point, Jackson Bay, Eamsclough, Tuapeka, etc.

TAP 07 10:15:12.2, 24.85N, 122.17E, h14km, ML3.9, C
JMA 07 10:15:12.0, 1.24, 78N, 122.21E, h4km, ML3.0
NEIC 07 10:15:13.2, 1.6, 24.72N, 122.20E, 0.01, h3km, 10km,
Error ellipse: s-maj=5.2km, s-min=1.1km, az=193.0
IDC 07 10:15:15.9, 6.5, 24.09N, 122.56E, h0km, mb3.7/2,
mb1 3.8/3, mb1mx3.4/58, mbmp3.6/3, ML3.1/1, MS3.5/5,
Ms1 3.5/5, ms1mx3.0/45, Error ellipse: s-maj=310.4km,
s-min=42.5km, az=96.0

ISC 07 10:15:11.1, 1.24, 26N, 0.02, 122.24E, 0.02, h9km, 8km,
n151, e0978/210, MS3.6/4, 11C-6D, Taiwan region

Main table for station 275 with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Lists stations like Santiao Chiao, Toucheng, NTC, etc.

Main table for station 2015 OCT with columns: NACB, ETNH, ETLU, NCUH, TWD, NCUH, TWD, HWA, FUSS, FUSS, HSN1, ETM, WHF, WHF, SBCB, SBCB, TWT, TWT, NEYT, NEYL, NSTT, HSN, TDCB, CHGB, CHGB, CHGB, ESL, ESL, TEGC, WHP, WHP, OWD, OWD, NMLH, NMLH, EGFH, EGFH, NSY, NSY, TWQ1, TWQ1, WPL, WPL, IRIF, WCS, DPDB, WDJ, WDJ, HGSD, SMLT, SMLT, TYC, TYC, SSSL, SSSL, SSSL, EHY, TCU, TCU, WWF, WWF, YULB, YULB, YULB, ECBN, WNT1, JKRS, WJS, WNT, WNT, WNT, EYUL, TWFI, YULB, RJJ, YULB, FULB, CHNS, CHNS, CHKT, WDLH, WDLH, WRL, ELDTW, WTK, EDH. Includes station names like Ninganchiao, Xiulin Townshi, etc.

Main table for station 7d 10h with columns: CHN2, CHN4, CHN4, TPUB, TPUB, TPUB, CHY, STYH, STYT, WTP, WTP, LONT, TWK, TWK, TWK, SNST, CHN1, CHN1, LDUT, LDUT, TWGB, TWGB, TWG, TWG, SGST, SGST, ICHU, SLGT, CHN8, MATB, MSUT, ECL, SSD, TSMG, MASBT, MASBT, XPSS, PNG, EAST, PHUB, LYJZ, PTMZ, LAY, SCZT, SLIU, VCHM, MHZO, TWK1, TWK2, KNM, KNMB, AXDP, ZPLA, KSRS, MJAR, ASAJ, SIJI, ZALV, WRA, WRA, ASAR. Includes station names like Minshuiung, Tsauhsan, etc.

NOU 07 10:16:36.9, 18.58S, 173.16W, h0km, mb4.7/12, Tonga Islands
IDC 07 10:16:37.7, 0.7, 18.55S, 173.66W, h0km, mb4.0/13,
mb1 4.3/14, mb1mx1.4/11, mbmp4.1/14, ML4.0/1, MS3.4/4,
Ms1 3.4/4, ms1mx3.1/32, Error ellipse: s-maj=30.1km,
s-min=16.7km, az=130.0
NEIC 07 10:16:43.1, 1.0, 18.45S, 173.64W, 0.1, h35km, 1km,
mb4.6/26, Error ellipse: s-maj=23.2km, s-min=7.0km,
az=75.0

ISC 07 10:16:38.7, 0.5, 18.40S, 173.49W, 0.1, h10km, n67,
i156/59, mb4.4/20, MS3.6/3, Tonga Islands

Main table for station 7d 10h with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Lists stations like Niue, Afi, Afi, Afi, MSVF, MSVF, RAR, RAR, MARC, PINNC, PINNC, PINNC, DZM, DZM, DZM, DZM, DZM, DZM, OUZ, OUZ, URZ, URZ.

7d 10h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HZ Hauti, PAE Paea, PPT2 Papeete, etc.

TAP 07 10:17:40.7, 24:87N, 122:21E, h12km, ML2.8, C
JMA 07 10:17:41.3, 0.1, 24:75N, 122:21E, h11km, M2.4
ISC 07 10:17:41.0, 0.1, 24:82N, 122:21E, 0.02, h9km, 11km, n49, n054175, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 baz=303, NTC Toucheng, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TATO baz=278, TWY Chenhua, TWY baz=292, etc.

TAP 07 10:18:07.9, 24:88N, 122:21E, h14km, ML2.7, C
JMA 07 10:18:08.0, 0.1, 24:74N, 122:20E, h0km, M2.2
ISC 07 10:18:07.4, 1.0, 24:86N, 122:25E, 0.03, h16km, 8km, n45, n05465, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 baz=301, NTC Toucheng, etc.

276

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NACB Ninganchiao, NACB baz=208, ETLH Xiulin Townshi, etc.

TAP 07 10:29:03.9, 24:89N, 122:18E, h16km, ML2.3, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 baz=305, NTC Toucheng, etc.

JMA 07 10:29:14.8, 0.1, 24:27N, 122:19E, h45km, 3km, M2.5, Taiwan region

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

ICD 07 10:32:31.2, 0.7, 26:31N, 140:54E, h380km, 8km, mb3.2/14, mb1.3/2/18, mb1mx3.2/41, mbtmp3.2/18, Error ellipse: s-maj=20.6km s-min=10.6km az=86.0
NEIC 07 10:32:32.5, 1.3, 26:35N, 140:03, 140:5E, 0.1, h385km, 8km, mb4.3/25, Error ellipse: s-maj=18.9km s-min=4.7km az=94.0

JMA 07 10:32:34.8, 0.2, 26:67N, 140:63E, h376km, M4.2
ISC 07 10:32:32.6, 0.5, 26:34N, 140:07, 140:55E, 0.09, h400km, n62, n174/64, mb4.1/28, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ baz=165, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CJJ, CJU, JNU, JWO, etc.

IDC 07 10:39:08.4±1.8, 6.62S; 128°87'E, h0km, mb4.0/1, mb1 3.6/4, mb1mx3.4/34, mbtmp3.5/4, ML3.3/3, MS4.0/1, Ms1 4.0/1, ms1mx2.8/28, Error ellipse: s-maj=68.1km

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

JMA 07 10:50:38.0±1.2, 25.34N; 124°24'E, h136km, 28km, mb3.6/11, mb1 3.8/12, mb1mx3.6/36, mbtmp3.6/12, Error ellipse: s-maj=24.6km s-min=13.3km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYNG, JOGS, JOW, etc.

MEX 07 11:02:46.0±0.8, 14°36'N; 93°96'W, h7km, 24km, MD3.9, IDC 07 11:02:47.4±3.1, 15°17'N; 93°17'W, h0km, mb3.7/3, mb1 4.0/5, mb1mx3.6/37, mbtmp3.5/5, ML3.4/2, MS3.1/2, Ms1 3.2/2, ms1mx2.6/42, Error ellipse: s-maj=117.7km s-min=48.2km az=35.0

ISC 07 11:02:46.9±3.5, 14.6N; 91.1°E; 93.81W±0.07, h12km±19km, n11, 0°E93/16, mb3.7/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG, THIG, TGIG, etc.

ISC 07 11:17:24.9±1.3, 48.72N; 0°05'18.03E±0.04, h13km±11km, n7, 0°E61/12, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAVC, KOLL, VYHS, etc.

IDC 07 11:19:14.1±0.9, 43°72'N; 141°01'E, h216km, 8km, mb3.4/7, mb1 3.3/12, mb1mx3.1/40, mbtmp3.8/12, Error ellipse: s-maj=28.2km s-min=13.4km az=157.0

JMA 07 11:19:15.0±1.0, 43°88'N; 140°95'E, h219km, 2km, M3.4, IDC 07 11:19:18.0±0.7, 43°82'N; 140°06'E; 141.05E±0.06, h223km±6km, n32, 0°E82/45, mb3.7/7, Hokkaido region

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

ISC 07 12:16:48.7±0.5, 4°S; 2°10'E, h37km±14km, M3.3/8, MLV3.3/8, IDC 07 12:16:53.7±2.2, 1°10'S; 106°45'E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/36, mbtmp3.6/5, Error ellipse: s-maj=89.8km s-min=44.3km az=58.0

ISC 07 12:16:48.1±1.3, 4°E; 0°10'102.54E±0.10, h50km±n10, 0°E192/14, mb3.7/4, Southern Sumatra

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

IDC 07 12:28:26.0±2.6, 14°10'N; 91°71'W, h0km, mb3.7/4, mb1 4.0/6, mb1mx3.7/36, mbtmp3.6/6, ML3.5/2, MS3.1/4, Ms1 3.1/4, ms1mx2.8/34, Error ellipse: s-maj=100.7km s-min=45.6km az=45.0

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

IDC 07 11:39:06.1±7.8, 36°26'N; 70°79'E, h171km±72km, mb3.2/2, mb1 3.1/6, mb1mx2.9/49, mbtmp3.7/6, Error ellipse: s-maj=85.1km s-min=44.8km az=148.0

NNC 07 11:39:13.5±2.7, 36°86'N; 70°63'E, h132km±59km, mb3.1, mpv3.9, Error ellipse: s-maj=24.1km s-min=21.0km az=39.0

ISC 07 11:39:10.1±3.0, 36.7N; 02°70.8E±0.2, h150km±n9, 0°E192/11, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31, AAK, AAK, etc.

NOU 07 12:12:18.3, 19°50'S; 169°37'E, h106km, MLV4.8/9, Vanuatu Islands

ISC 07 12:12:19.9±2.6, 19°52'S; 0°07'169.0E±0.3, h104km±n14, 0°E193/15, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RTV, DVP, MARC, etc.

IDC 07 12:15:53.8±1.0, 25°55'S; 127°65'E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/33, mbtmp3.4/3, Error ellipse: s-maj=159.6km s-min=26.3km az=67.0, Halmahera

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

DJA 07 12:16:48.7±0.5, 4°S; 2°10'E, h37km±14km, M3.3/8, MLV3.3/8, IDC 07 12:16:53.7±2.2, 1°10'S; 106°45'E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/36, mbtmp3.6/5, Error ellipse: s-maj=89.8km s-min=44.3km az=58.0

ISC 07 12:16:48.1±1.3, 4°E; 0°10'102.54E±0.10, h50km±n10, 0°E192/14, mb3.7/4, Southern Sumatra

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

IDC 07 12:28:26.0±2.6, 14°10'N; 91°71'W, h0km, mb3.7/4, mb1 4.0/6, mb1mx3.7/36, mbtmp3.6/6, ML3.5/2, MS3.1/4, Ms1 3.1/4, ms1mx2.8/34, Error ellipse: s-maj=100.7km s-min=45.6km az=45.0

MEX 07 12:28:30.0±0.7, 13°79'N; 92°39'W, h10km, MD4.2, IDC 07 12:28:32.1±1.4, 13°88'N; 0°09'52.0W±0.09, h10km±n16, 0°E194/21, mb3.6/4, Off coast of Chiapas

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

IDC 07 11:19:31.8±1.4, 4°33'S; 126°07'E, h441km±64km, mb3.0/3, mb1 3.2/6, mb1mx2.9/32, mbtmp3.9/6, Error ellipse: s-maj=86.7km s-min=17.8km az=52.0

Table with columns: NVAR, MNA, YKA, ILAR, GERES, CMAR, Station Name, Azimuth, Elevation, Frequency, and other parameters.

GUC 07 12:34:36.8,0.8,31.51S:71.59W,h26km,5km,ML4.1
NEIC 07 12:34:36.9,1.4,31.49S:0.03:71.77W:0.10,h24km,3km,
mb4.5/21,ML4.1(GUC) Error ellipse: s-maj=12.4km
s-min=3.8km az=101.0

IDC 07 12:34:42.8,3.2,31.83S:71.31W,h78km,25km,mb4.2/3,
mb1.3.8/7,mb1mx3.5/32,mbtmp4.1/7,MS3.1/2,MS1.3.1/2,
ms1mx2.9/19,Error ellipse: s-maj=48.4km s-min=25.5km
az=103.0

ISC 07 12:34:37.9,0.7,31.50S:0.03:71.71W:0.07,h38km,11km,
n80,c089/82,mb4.5/7,2C-5D,Near coast of central Chile

Main table for Chile stations with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters.

Table with columns: TOR, TOR, TOR, WRA, H1S2, H1S1, H1S3, H1N3, H1N1, H1N2, ZALV, ZALV, Station Name, Azimuth, Elevation, Frequency, and other parameters.

KRNET 07 12:38:17.3,0.1,41.15N:69.66E,mb2.9
ISC 07 12:38:19.4,1.9,41.09N:0.04:69.83E:0.09,h7km,13km,
n5,c153/40,6C-4D,Kyrgyzstan

IDC 07 13:06:42.4,0.8,31.82S:72.08W,h0km,mb4.0/8,
mb1.4.0/13,mb1mx3.9/28,mbtmp3.9/13,ML3.8/5,MS3.2/2,
MS1.3.2/2,ms1mx2.9/18,Error ellipse: s-maj=30.6km
s-min=17.5km az=99.0

NEIC 07 13:06:42.4,1.1,31.83S:0.01:72.43W:0.08,h10km,1km,
mb4.2/7,Error ellipse: s-maj=11.9km s-min=2.9km

GUC 07 13:06:44.2,0.7,31.86S:72.25W,h28km,4km,ML4.0
ISC 07 13:06:43.2,0.6,31.84S:0.04:72.25W:0.07,h10km,n78,
c092/73,mb4.2/8,3C,Off coast of central Chile

Main table for Chile stations (continued) with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters.

Table with columns: TXAR, DBIC, MAW, MAW, NVAR, TOR, TOR, WRA, H1S2, H1S1, H1N3, H1N1, H1N2, ZALV, ZALV, Station Name, Azimuth, Elevation, Frequency, and other parameters.

ECX 07 13:28:50.2,0.6,32.37N:115.28W,h10km,1km,MD3.2,
ML3.5
NEIC 07 13:28:50.7,1.1,32.38N:0.03:115.22W:0.04,h17km,8km,
ANF 07 13:28:51.0,0.6,32.39N:115.25W,h25km,4km,ML3.3/15,
Error ellipse: s-maj=5.7km s-min=4.5km az=116.0

PAS 07 13:28:51.5,1.4,32.34N:0.05:115.26W:0.02,h15km,7km,
Error ellipse: s-maj=7.4km s-min=1.6km az=192.0
MEX 07 13:28:51.9,0.8,32.44N:115.09W,h10km,19km,MD3.8
ISC 07 13:28:50.8,0.3,32.39N:0.03:115.25W:0.02,h15km,4km,
n83,c088/98,15C-6D,California-Baja California border region

Main table for Mexico stations with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N25K, IM03, IMAR, GCSA, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKASG, Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRQA, PB08, ITQB, CPUP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LANS, LANS, WETZ, MODS, etc.

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

DNK 07 19:40:25.4-1.5, 51.21N; 16.40E, h35km, 47km, ML2.5

IPEC 07 19:40:26.7-0.4, 51.49N; 16.26E, h2km, 2km, ML2.9/3, Error ellipse: s-maj=4.1km s-min=1.8km az=57.0

BGR 07 19:40:27.8-0.7, 51.42N; 16.29E, h1km, ML3.1/1.0, Error ellipse: s-maj=3.9km s-min=4.4km az=33.0

IDC 07 19:40:28.1-0.7, 51.44N; 16.10E, h0km, mb1 3.4/8, mb1mx3.3/4.4, mbtmp3.3/8, ML2.9/8, Error ellipse: s-maj=13.1km s-min=6.6km az=112.0

ISC 07 19:40:25.0-0.7, 51.52N; 0.03-16.22E, h0km, n72, #162/131, 3C-4D, Poland

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

WATA Walderalm 5.17 218 Pn Pn

WTTA Wattenberg 5.21 217 ePn Pn

MOTA Moosalm 5.35 221 ePn Pn

ABTA Abfaltersbach 5.36 208 i Pn Pn

SOTA Sankt Quirin 5.41 219 Pn Pn

MORH Mrgy, Hungar 5.54 162 i Pn Pn

FETA Feichten 5.76 221 ePn Pn

DAVA Damuels 5.92 227 ePn Pn

DAVOX Davos/Dischmat 6.31 224 Pn Pn

DAVOX 6.36 136 i Pn Pn

DRGR DRGR 6.36 136 i Pn Pn

BURAK Bucovina Array 7.03 120 i Pn Pn

AKASG AKASG 8.23 91 Pn Pn

HFS Hagfjos 8.75 352 i Pn Pn

NOA NORSTAR Array B 9.94 346 Pn Pn

FINES FINES Array B 11.32 25 Pn Pn

FINES 11.32 25 Pn Pn

ARCES ARCES Array B 18.60 10 Pn Pn

KVAR Kislovodsk Arr 19.27 103 Pn P

SOME 07:20:11:09.4, 40:97N; 78:20E, h0km

KRNET 07:20:11:09.9, 0.1, 40:88N; 78:12E, h15km, mb3.1

NIC 07:20:11:09.7, 1.1, 40:88N; 78:19E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=7.4km s-min=5.1km az=174.0

ISC 07:20:11:11.7-1.7, 40:95N; 0.08-78:17E, h0km, n55, #142/86, 23C-10D, Southern Xinjiang

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

HEL 07:20:14:33.0-0.2, 61:04N; 29:03E, h2km, ML2.1, Confirmed Earthquake

IDC 07:20:14:34.2-0.2, 61:01N; 28:90E, h0km, mb1 3.2/3,

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

mb1mx3.0/49,mbtmp3.1/3,ML2.2/3, Error ellipse: s-maj=18.6km s-min=11.6km az=146.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Virojoki, KOUVOLA, FINES Array S, etc.

NOU 07:20:30.09.9, 17.28S:121.88E, h0km, mb5.1/24, Western Australia

IDC 07:20:30.10.2.0.8, 17.36S:121.75E, h0km, mb4.1/7, mb1 4.5/12, mb1mx2.9/34, mbtmp4.4/12, ML4 6/5, MS3 1/5, Ms1 3.2/5, ms1mx2.9/34, Error ellipse: s-maj=28.4km s-min=16.8km az=57.0

AUST 07:20:30.10.8.0.7, 17.19S:121.89E, h0km, Error ellipse: s-maj=10.1km s-min=9.1km az=140.0

NEIC 07:20:30.12.5.1.8, 17.19S:121.89E:0.06, h10km, 1km, mb4.5/17, Error ellipse: s-maj=11.5km s-min=9.7km az=160.0

ISC 07:20:30.11.8.0.5, 17.23S:121.98E:0.05, h10km, n105, a=198/102, mb4.3/12, Western Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Fitzroy Crossi, Pilbara Seismi, Kununurra, etc.

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

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

IDC 07:20:30.18.8.1.1, 35.76N:81.96E, h0km, mb3.5/6, mb1 3.7/10, mb1mx3.5/59, mbtmp3.6/10, ML2.7/3, MS2.9/2, s-min=20.5km az=65.0

NNC 07:20:30.3.8.3.7, 21N:81.96E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=7.7km s-min=25.5km az=72.0

ISC 07:20:30.9.0.8, 35.36N:108.81E:0.1, h10km, n26, a=189/19, mb3.5/6, Southern Xinjiang

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

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

NNC 07:20:56.23.1.6.3, 36.65N:71.01E, h85km, 135km, mb3.5, mpv3.8, Error ellipse: s-maj=49.2km az=92.0

ISC 07:20:56.21.9.3.4, 36.6N:71.2E:0.2, h100km, n10, a=659/12, 6D, Afghanistan-Tajikistan border region

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

IDC 07:21:25.52.3.7.2, 30.39N:143.48E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/43, mbtmp3.4/3, ML2.4/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/45, Error ellipse: s-maj=27.2km s-min=37.1km az=71.0, Southeast of Honshu

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

SOME 07:21:38:47.7, 40.63N:78.15E, h15km, 07:21:38:48.0, 40.63N:78.22E, mb2.6

NNC 07:21:38:49.3.2.0, 40.73N:78.30E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=17.7km s-min=13.0km az=101.0

ISC 07:21:38:47.3.0.3, 40.6N:0.1:78.10E:0.05, h2km, 14km, n16, a=886/27, 6C-4D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TARG, Taragay, Kyrgy, etc.

Table with columns: SHLS, KTMS, Op, Lg, h m s, Res. Includes data for stations like Ketmen, Balybastay, etc.

IDC 07 21:48:25.7±1.9, 6.06S, 146.90E, h0km, mb3.5/4, mb1 3.6/6, mb1mx3.4/38, mbmt3.5/6, ML3.3/1, Error ellipse: s-maj=60.3km s-min=25.8km az=98.0

Table with columns: Code, Station Name, Δ° AZ', Op, Phase ID, Time, Res. Includes stations like Moresby, Warranga, Alice Springs, etc.

IDC 07 21:50:09.8±1.2, 24.06N, 121.62E, h0km, mb3.6/8, mb1 3.7/9, mb1mx3.5/55, mbmt3.6/9, ML3.6/1, MS3.4/7, Ms1 3.5/7, ms1mx3.1/36, Error ellipse: s-maj=43.7km s-min=19.8km az=68.0

JMA 07 21:50:13.7, 24.19N, 121.75E, h23km, 1km, M3.8, NIED 07 21:50:13.7, 24.19N, 121.75E, h23km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mw=1.36; Mw=1.56; Mw=0.20; Mw=0.73; Mw=0.65; Mw=1.04; Fault plane solution: N2.05000x10^15 Np1.49.00000°, s66.00000°, s66.00000°. NP2.277.00000°, s34.00000°, s133.00000°.

TAP 07 21:50:13.7, 24.25N, 121.80E, h17km, ML4.4, C

ASIES 07 21:50:14.3, 24.26N, 121.76E, h24km, MW4.0

ISC 07 21:50:13.5±0.8, 24.22N, 0.0±1.21, 121.85E, 0.02, h17km, 4km, n143, s1932/232, mb3.6/9, MS3.5/4, 17C-15D, Taiwan

Main table for the left column with columns: Code, Station Name, Δ° AZ', Op, Phase ID, Time, Res. Includes stations like Heping Village, Fush Village, ENA, EWUT, NACB, TWD, HWA, ETLH, ETM, TEYL, NDS, NDT, NNT, ENTT, TWE, WHF, ILA, FUSS, ESL, TWT, YHNB, TDCB, NTC, NTC, NSK, CHGB, NWLT, OWD, etc.

Main table for the middle column with columns: EGFH, EGPH, TIBP, TIPB, TWA, TWA, NHDH, NHDH, TWB1, TWB1, HGSD, HGSD, WHP, WHP, WHP, WNF, EHY, TAP, TAP, WCS, WCS, WNTT, WNTT, SSSL, SSSL, SMLT, SMLT, SMLT, YMO1, YMO1, NCU, NCU, NCUH, NCUH, TWS1, TWS1, TYC, TYC, SBCB, SBCB, YULB, YULB, HSN, HSN, TWC1, TWC1, EYUL, EYUL, ANP, ANP, NTST, NTST, NSY, NSY, NMLH, NMLH, JYNG, JYNG, TCU, TCU, TWY, TWY, YOJ, YOJ, YOJ, YUS, YUS, WJS, WJS, WJS, WDJ, WDJ, WNT, WNT, FULB, FULB, FULB, WCHH, WCHH, CHKT, CHKT, CHKT, CHNS, CHNS, ELDTW, ELDTW, WDLH, WDLH, WDLH, EDH, EDH, EDH, WRL, WRL.

Main table for the right column with columns: WRL, PCYT, STYH, STYH, WTK, WTK, CHN4, CHN4, TPUB, TPUB, LONT, LONT, CHY, CHY, WTP, WTP, TWGBT, TWGBT, TWG, TWG, TWK, TWK, LDUT, LDUT, LDUT, SNST, SNST, SNST, CHN1, CHN1, CHN1, WSF, WSF, WSF, SGST, SGST, SGST, ICHU, ICHU, ICHU, IRIF, IRIF, IRIF, CHN8, CHN8, CHN8, CHN3, CHN3, CHN3, ECL, ECL, ECL, SSD, SSD, SSD, TSMG, TSMG, TSMG, MASBT, MASBT, MASBT, JKRS, JKRS, JKRS, EAST, EAST, EAST, SSPT, SSPT, SSPT, JIJ, JIJ, JIJ, SCZT, SCZT, SCZT, SCZT, LAY, LAY, LAY, PNG, PNG, PNG, PHUB, PHUB, PHUB, PHUB, SLIU, SLIU, SLIU, JISG, JISG, JISG, WLSH, WLSH, WLSH, HEN, HEN, HEN, VCHM, VCHM, VCHM, TWK1, TWK1, TWK1, TWK1, MATB, MATB, MATB, JTJ, JTJ, JTJ, LYJJ, LYJJ, LYJJ, QZH, QZH, QZH, XPSS, XPSS, XPSS, JIRB, JIRB, JIRB, KNM, KNM, KNM, KNMB, KNMB, KNMB, JKIM, JKIM, JKIM, JM2J, JM2J, JM2J, AXDP, AXDP, AXDP, ZPLA, ZPLA, ZPLA, WHN, WHN, WHN, KRSR, KRSR, KRSR, DAV, DAV, DAV, MJAR, MJAR, MJAR, CMAR, CMAR, CMAR, GTA, GTA, GTA.

7d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SONGMA Songo Array, WMQ Urumqi, IKAR Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 07 22:51:41.51.2.39.18N:114.60W, h0km, mb1 2.9/3, mb1mx2.9/40, mbtmp2.4/3, ML2.8/3, Error ellipse: s-maj=10.7km s-min=7.4km az=113.0

NEIC 07 21:51:44.0.1.4.39.31N:103.114.99W, h0km, mb3.0/50, Error ellipse: s-maj=7.9km s-min=5.6km az=260.0

ISC 07 21:51:42.1.0.9.39.27N:103.114.83W, h0km, n30, c093/31, Nevada

Main table listing various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PSUT Pine Spring, R11A Troy Canyon, ELK Elko, etc.

IDC 07 22:00:51.8.2.7.1.85N:99.39E, h159km, mb3.6/5, mb1 3.8/5, mb1mx3.2/61, mbtmp4.1/5, Error ellipse: s-maj=178.9km s-min=15.0km az=56.0

ISC 07 22:00:51.9.1.2.2.1N:104.99E, h150km, n6, c063/7, mb3.9/5, Northern Sumatara

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ANOYA Anoyia, MMAIL Mout Meron Ar, EIL Elat, etc.

NEIC 07 22:14:27.9.1.4.21.96S:0.003.69.94W, h0km, mb3.8/6, Error ellipse: s-maj=7.6km s-min=3.8km az=108.0

GUC 07 22:14:27.3.0.7.21.97S:69.93W, h50km, mb3.9/5, Zalesovo Beam

ISC 07 22:14:28.1.1.3.21.97S:0.002.69.98W, h0km, mb3.9/5, n31, c077/48, SC-60, Northern Chile

Main table listing various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PB03 IPOC Station P, PB07 IPOC Station P, etc.

IDC 07 22:45:31.1.15.0.4.25N:122.08E, h380km, mb3.8/4, mb1 3.2/4, mb1mx2.8/31, mbtmp3.8/4, Error ellipse: s-maj=224.9km s-min=36.0km az=60.0, Celebes Sea

TRN 07 22:54:00.9.15.13N:61.30W, h155km, MD4.1, 1C-12D, Leeward Islands

Main table listing various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DLPL La Plaine, SVN Savane Anatole, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SCLP Castries, St., SCLP Moule a Chique, MCLT Crater Summit, etc.

IDC 07 23:06:41.0.1.3.52.68S:17.88E, h0km, mb3.9/5, mb1 4.0/4, mb1mx3.6/37, mbtmp4.0/4, MS3.5/5, Ms1 3.5/5, ms1mx3.2/26, Error ellipse: s-maj=53.1km s-min=28.5km az=78.0

ISC 07 23:06:42.3.1.7.52.5S:0.2x18.0E, h10km, n16, c085/9, mb3.9/3, MS3.1/5, Southwest of Africa

Main table listing various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SUR Sutherland, SNA2 Sena, VNA2 Neumayer-Watz, etc.

IDC 07 23:15:14.9.1.6.5.24S:151.63E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.8/37, mbtmp3.9/6, ML1 8/1, Error ellipse: s-maj=68.2km s-min=22.2km az=127.0

ISC 07 23:15:20.2.1.4.5.3S:0.3.151.7E, h35km, n8, c1913/9, mb3.8/5, New Britain region

Main table listing various stations 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, etc.

JMA 07 23:21:10.5.24.21N:121.77E, h24km, mb2.5, TAP 07 23:21:10.5.24.25N:121.80E, h17km, ML3.5, C ISC 07 23:21:10.8.0.8.24.21N:0.02.121.85E, h12km, mb3.9/5, n77, c089/142, 2C-12D, Taiwan

Main table listing various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EHP Heping Village, ETL Fush Village, ETL Hualien, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ENT, TWE, WHF, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CHKT, CHNS, WDLH, etc.

TAP 07 23:27:02.4, 24:25N, 121:80E, h17km, ML3.1, C
JMA 07 23:27:02.4, 0.1, 24:21N, 121:80E, h18km, 2km
ISC 07 23:27:02.5, 0.8, 24:24N, 121:79E, 0.03, h17km, 5km, n50, e055/93, 4C-5D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EHP, ETL, ENA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TWPB, NHDH, TWA, etc.

IDC 07 23:43:11.4, 2.1, 31:66S, 71:89W, h0km, mb3.8/3,
mb1 3.8/5, mb1mx3.7/24, mbtpr3.7/5, ML3.8/2, MS3.6/4,
Ms1 3.6/4, ms1mx3.3/23, Error ellipse: s-maj=94.6km
s-min=29.5km az=102.0
NEIC 07 23:43:11.2, 1.9, 31:62S, 0:05:72.4W, 0.1, h10km, 1km,
mb4.1/6, ML3.9(GUC), Error ellipse: s-maj=15.4km
s-min=7.6km az=278.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CO06, VA03, etc.

7d 23h

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like LC01, PLCA, PLCA, etc.

BUI 07 23:43:21.9,0.0, 52.58N:168.97W, h9km, mB5.3/4, mb5.1/68, Ms5.2/52, Ms7.5/0/50...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like NIKH, UNV, AKUT, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like L19K, BRMK, BRSE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CTGM, LOGN, SCRK, etc.

7d 23h

SPB2	comp=Z,47nm,1.3s	I	Amb	I	Amb	23 52 52.4
DAG	Danmarks Havn	49.70	9	i	P	23 52 14.2 -0.3
DAG	comp=Z,10.0nm,0.8s					
DAG	Danmarks Havn	49.70	9	i	P	23 52 14.2 -0.3
DAG	comp=Z,1.10nm,0.8s					
G40A	Rib Lake	49.71	65	P	P	23 52 15.2 +0.1
G40A	comp=Z,46nm,1.8s					
COWI	Conover	49.74	64	P	P	23 52 15.6 0.0
KSU1	Kansas State U	49.71	65	P	P	23 52 15.7 -0.9
KSU1	comp=Z,26nm,0.9s					
KSU1	Kansas State U	49.91	75	P	P	23 52 16.0 -0.7
SUMG	Summit	50.62	17	P	P	23 52 22.5 +0.4
SUMG	comp=Z,29nm,1.0s					
SUMG	Summit	50.62	17	i	P	23 52 21.5 -0.6
SUMG	comp=Z,23nm,0.9s					
SUMG	Summit	50.62	17	P	P	23 52 22.5 +0.4
SUMG	comp=Z,29nm,1.0s					
JFWS	Jewell Farm	51.16	67	P	P	23 52 25.0 -1.0
BJI	Beijing	51.24	288	P	P	23 52 28.7 +2.1
BJI	comp=Z,14nm,0.8s					
BJI	comp=Z,1.1um,17.2s					
BJI	comp=Z,1um,16.7s					
BJT	Baijiatuu	51.26	288	P	P	23 52 27.4 +0.6
BJT	comp=Z,9.0nm,0.8s					
BJT	Baijiatuu	51.26	288	P	P	23 52 27.4 +0.6
ULN	Ulanbaatar	51.34	301	P	P	23 52 27.6 +0.1
ULN	comp=Z,28nm,1.3s					
ULN	Ulanbaatar	51.34	301	P	P	23 52 27.6 +0.1
ULN	comp=Z,28nm,1.3s					
T35A	Sooner Cattle	51.40	77	P	P	23 52 27.5 -0.5
WMOK	Wichita Mounta	51.50	81	P	P	23 52 28.8 +0.1
WMOK	comp=Z,38nm,0.4s					
WMOK	Wichita Mounta	51.50	81	P	P	23 52 27.7 -1.0
ZAK	Zakamensk	51.71	305	eP	P	23 52 29.6 -0.6
ZAK	comp=Z,20nm,1.5s					
SONM	Songino Array	51.71	301	P	P	23 52 30.6 +0.4
SONM	comp=Z,9.0nm,0.5s,baz=58,slow=5.8,SNR=39					
SONM	comp=Z,1um,19.1s,baz=54,slow=39					
SONM	Songino Array	51.71	301	P	P	23 52 30.6 +0.4
SONM	comp=Z,41nm,1.4s					
SONM	Songino Array	51.71	301	P	P	23 52 30.6 +0.4
DBG	Daneborg	51.81	10	eP	P	23 52 32.6 +2.2
DBG	comp=Z,22nm,0.9s					
SFJD	Kangerlussuaq	52.15	26	P	P	23 52 33.5 +0.6
SFJD	comp=Z,5.7nm,0.7s,baz=27,slow=6.8,SNR=2.1					
SFJD	comp=Z,400nm,21.4s,baz=320,slow=37					
SFJD	Kangerlussuaq	52.15	26	P	P	23 52 33.6 +0.6
SFJD	comp=Z,79nm,1.8s					
SFJD	Kangerlussuaq	52.15	26	P	P	23 52 33.6 +0.6
SFJD	comp=Z,29nm,1.8s					
TX31	Lajitias Ar. Si	52.26	90	P	P	23 52 34.0 -0.5
TXAR	Lajitias Array	52.26	90	P	P	23 52 34.6 +0.1
TXAR	comp=Z,10nm,0.9s,baz=300,slow=4.8,SNR=41					
TXAR	comp=Z,461nm,20.1s,baz=0.0,slow=33					
TXAR	Lajitias Array	52.26	90	P	P	23 52 34.1 -0.4
TXAR	Lajitias Array	52.26	90	P	P	23 52 34.1 -0.4
ABTX	Ablene, Hawle	52.42	84	P	P	23 52 34.9 -0.7
TUL1	Leonard	52.51	78	P	P	23 52 35.8 -0.4
GLMI	Grayling	53.06	62	P	P	23 52 39.0 -1.1
ICESG	Greenland Ices	53.19	20	i	P	23 52 40.5 -0.7
ICESG	comp=Z,20nm,1.0s					
TIA	Tai'an	53.21	284	eP	P	23 52 41.3 -0.1
TIA	comp=Z,26nm,1.1s					
HDIL	Hopedale	53.23	69	P	P	23 52 41.5 +0.1
HDIL	comp=Z,30nm,0.7s					
HDIL	Hopedale	53.23	69	P	P	23 52 40.9 -0.5
HHC	Hu-ho-hao-te	53.37	291	eP	P	23 52 43.3 +0.7
HHC	comp=Z,20nm,0.9s					
HHC	comp=Z,370nm,7.6s					
HHC	comp=Z,880nm,18.0s					
HHC	comp=Z,1um,19.5s					
HYG	Hopedale	53.23	69	P	P	23 52 41.5 +0.1
HYG	comp=Z,2um,19.9s					
CCM	Cathedral Cave	53.76	73	P	P	23 52 44.3 -1.0
CCM	comp=Z,10.0nm,0.9s					
CCM	Cathedral Cave	53.76	73	P	P	23 52 43.9 -1.5
JCT	Junction City	53.82	86	P	P	23 52 46.0 +0.1
JCT	comp=Z,32nm,1.3s					
JCT	Junction City	53.82	86	P	P	23 52 46.0 +0.1
JCT	comp=Z,32nm,1.2s					
JCT	Junction City	53.82	86	P	P	23 52 45.1 -0.8
U40A	Yellville	53.96	75	P	P	23 52 45.4 -1.5
U40A	comp=Z,18nm,0.8s					
U40A	Yellville	53.96	75	P	P	23 52 45.5 -1.3
WHTX	Lake Whitney	54.19	82	P	P	23 52 48.7 +0.1
WHTX	comp=Z,31s,SNR=11					
WHTX	Lake Whitney	54.19	82	P	P	23 52 47.9 -0.6
W39A	Magazine	54.19	77	P	P	23 52 48.1 -0.4
W39A	comp=Z,31s,SNR=9.8					
FVM	French Village	54.29	72	P	P	23 52 48.5 -0.7
FVM	comp=Z,65nm,1.7s					
FVM	French Village	54.29	72	P	P	23 52 48.5 -0.7
FVM	comp=Z,2um,19.9s					
BTO	Baotou	54.41	292	eP	P	23 52 50.5 +0.3
BTO	comp=Z,4um,17.1s					
T42A	Van Buren	54.54	74	P	P	23 52 49.2 -1.8
SFIN	Lafayette	54.60	68	P	P	23 52 50.3 -1.1
SFIN	comp=Z,16nm,0.9s					
SFIN	Lafayette	54.60	68	P	P	23 52 50.1 -1.3
MIAR	Mount Ida	54.76	77	P	P	23 52 51.9 -0.8
MIAR	comp=Z,44nm,1.3s					
MIAR	Mount Ida	54.76	77	P	P	23 52 51.9 -0.8

2015 OCT

MIAR	comp=Z,44nm,1.3s	I	Amb	I	Amb	23 52 55.1
MIAR	Mount Ida	54.76	77	P	P	23 52 51.8 -0.9
NJ2	Nanjing	55.03	279	eP	P	23 52 54.8 +0.2
NJ2	comp=Z,1.17nm,0.7s					
N47A	Urbana	55.06	67	P	P	23 52 53.4 -1.3
N47A	comp=Z,33nm,1.1s					
SCHO	Schefferville	55.09	44	P	P	23 52 53.9 -0.9
SCHO	comp=Z,1.1nm,0.8s,baz=284,slow=9.1,SNR=4.7					
SCHO	comp=Z,1um,18.7s,baz=310,slow=39					
W41B	Gary Mavity, V	55.12	76	P	P	23 52 54.1 -1.2
X40A	Basin Creek Fa	55.24	77	P	P	23 52 55.5 -0.7
X40A	comp=Z,31nm,1.4s					
833A	Chaparral WMA	55.60	87	P	P	23 52 57.8 -0.9
833A	comp=Z,31nm,1.4s					
WLAR	White Oak Lake	55.63	78	P	P	23 52 58.8 -0.2
USIN	University of	55.90	70	P	P	23 53 00.0 -0.8
SADO	Sadova	56.02	59	LR	LR	00 17 08.4
SADO	comp=Z,2.279nm,19.6s,baz=353,slow=36					
P48A	Milroy	56.17	68	P	P	23 53 02.3 -0.4
P48A	comp=Z,38nm,1.4s					
CCAR	Cane Creek	56.27	77	P	P	23 53 03.5 0.0
WCI	Wyandotte Cave	56.51	69	P	P	23 53 03.5 -1.7
P49A	Miami Univ. Ec	56.52	67	P	P	23 53 03.6 -1.6
HKT	Hockley	56.61	83	iP	P	23 53 06.0 +0.1
HKT	comp=Z,24nm,1.3s					
HKT	Hockley	56.61	83	P	P	23 53 05.8 -0.1
HKT	comp=Z,31nm,1.4s					
ACSO	Alum Creek Sta	57.02	66	P	P	23 53 07.6 -1.1
WVT	Waverly	57.07	72	P	P	23 53 09.0 -0.2
WVT	comp=Z,15nm,0.9s					
WVT	Waverly	57.07	72	P	P	23 53 09.0 -0.2
WVT	comp=Z,15nm,0.9s					
WVT	Waverly	57.07	72	P	P	23 53 07.9 -1.3
OXF	Oxford	57.26	75	P	P	23 53 10.1 -0.5
OXF	comp=Z,68nm,0.8s					
OXF	Oxford	57.26	75	P	P	23 53 10.1 -0.5
OXF	comp=Z,31nm,1.4s					
ERPA	Erie	57.37	62	P	P	23 53 09.8 -1.4
R50A	Paris	57.60	68	P	P	23 53 12.0 -0.9
R50A	comp=Z,18nm,1.1s					
Y45A	Yeager Farm, C	57.63	75	P	P	23 53 14.0 +0.8
Y45A	comp=Z,33nm,0.9s					
KEV	Kevo	57.64	354	P	P	23 53 12.3 -0.4
KEV	comp=Z,18nm,0.8s					
Q51A	Peebles	57.64	67	P	P	23 53 13.2 0.0
Q51A	comp=Z,15nm,0.8s					
PLAL	Pickwick Lake	57.72	73	P	P	23 53 12.8 -1.0
PLAL	comp=Z,15nm,0.8s					
OS2A	Adamsville	57.73	65	P	P	23 53 13.4 -0.4
OS2A	comp=Z,25nm,1.1s					
ZAAO	Zalesovo Beam	57.74	318	P	P	23 53 13.9 +0.2
ZALV	Zalesovo Beam	57.74	318	P	P	23 53 13.3 -0.3
ZALV	comp=Z,3.5nm,0.7s,baz=44,slow=8.2,SNR=14					
ZALV	comp=Z,815nm,19.1s,baz=58,slow=38					
ZALV	Zalesovo Beam	57.74	318	P	P	23 53 13.8 +0.2
ZALV	Zalesovo Beam	57.74	318	P	P	23 53 13.8 +0.2
PS2A	Corning	57.90	65	P	P	23 53 13.2 -1.8
ARA0	ARCES Array S	57.96	354	eP	P	23 53 15.0 0.0
ARCES	ARCES Array B	57.96	354	P	P	23 53 14.5 -0.5
ARCES	comp=Z,10nm,0.8s,baz=37,slow=8.2,SNR=11					
ARCES	comp=Z,772nm,19.5s,baz=5.0,slow=38					
ARCES	ARCES Array B	57.96	354	P	P	23 53 14.4 -0.5
ARCES	comp=Z,21nm,1.2s					
ARCES	ARCES Array B	57.96	354	P	P	23 53 14.4 -0.5
ARCES	comp=Z,21nm,1.1s					
M54A	Oil Creek Stat	57.97	62	P	P	23 53 13.7 -1.8
M54A	comp=Z,12nm,0.9s					
O53A	New Philadelph	57.99	64	P	P	23 53 14.2 -1.4
N54A	Moraine State	58.17	63	P	P	23 53 16.8 0.0
N54A	comp=Z,12nm,0.9s					
N54A	Moraine State	58.17	63	P	P	23 53 14.7 -2.2
TRO	Tromso	58.17	357	eP	P	23 53 16.6 +0.2
JETT	Jettan, Norway	58.19	356	eP	P	23 53 17.4 +0.7
M55A	Ridgeway	58.48	62	P	P	23 53 18.4 -0.6

QIZ	comp=Z,170nm,26.4s	LR	LR		
QIZ	comp=Z,290nm,18.6s	LR	LR		
QIZ	comp=Z,310nm,20.8s	LR	LR		
MOS	Moscow	70.09 345	eP	P	23 54 33.3 -1.5
MOS			eS	S	00 03 40.6 -2.6
MOS	comp=Z,46nm,0.7s		pmax	pmax	
MOS	comp=Z,50nm,0.7s		pmax	pmax	
TARG	Taragay, Kyrgy	70.12 313	P	I Amb	23 54 36.7 +0.9
TARG					23 54 40.1
TKM2	Tokmak 2	70.12 315	P	P	23 54 37.7 +2.2
USP	Ospenovka	70.31 316	P	P	23 54 36.9 +0.4
USP	SNR=24				
BORU	Boraas	70.34 359	i P	P	23 54 35.9 -0.4
CHMS	Chumysh	70.42 316	P	P	23 54 37.5 +0.4
KBK	Karagaybulak	70.62 316	P	P	23 54 38.8 +0.2
FRU1	Bishkek	70.63 316	P	P	23 54 38.6 +0.2
FRU1	SNR=24		pmax	pmax	
FRU1	comp=Z,57nm,1.2s				
ABKAR	Abkulak array	70.68 329	P	P	23 54 38.4 +0.1
ABKAR	Abkulak array	70.68 329	P	I Amb	23 54 38.2 -0.3
ABKAR					23 54 39.8
AAK	Ala-Archa	70.83 316	P	P	23 54 40.1 +0.3
AAK	SNR=24		pmax	pmax	
AAK	Ala-Archa	70.83 316	P	I Amb	23 54 40.1 +0.3
AAK					23 54 42.7
OBN	comp=Z,24nm,1.1s				
OBN	Obninsk	70.86 345	i P	P	23 54 38.5 -0.9
OBN			e		23 54 59.2
OBN			e PPP	PPP	23 57 16.2
OBN			eS	S	23 58 59.2
OBN			pmax	pmax	00 03 57.8 +5.6
OBN	comp=Z,24nm,0.8s		MLR	MLR	
OBN	comp=Z,161nm,20.0s				
OBN	Obninsk	70.86 345	P	P	23 54 38.9 -0.5
KZA	Kyzartz	70.96 315	P	P	23 54 41.2 +0.4
KZA	SNR=8.1				
FABU	Falkenberg	70.97 359	i P	P	23 54 41.3 +1.2
EKS2	Erkin-Say	71.11 316	P	P	23 54 41.6 +0.2
EKS2	SNR=21				
UCH	Uch-Uchar	71.15 316	P	P	23 54 42.2 +0.1
UCH	SNR=8.4				
BELG	Belogornoye	71.26 338	eP	pmax	23 54 41.9 0.0
BELG			pmax	pmax	
DEL	Delary	71.49 359	i P	P	23 54 43.3 0.0
AML	Almayashu	71.58 316	P	P	23 54 45.7 +1.1
PPT	Papeete	71.59 161	LR	LR	00 17 17.8
PPT	comp=Z,392nm,21.8s,baz=318,slow=28				
PP2	Papeete2	71.61 161	eLR	LR	00 16 35.0
BLEU	Blekinge	71.61 357	i P	P	23 54 43.9 -0.1
ISAL	Salakas	71.72 351	eP	P	23 54 45.0 +0.3
BLJU	Bjurov	71.90 359	i P	P	23 54 45.1 -0.6
SLVN	Son La	71.91 282	P	P	23 54 46.6 +0.1
SLVN			I Amb	I Amb	23 54 49.9
IGN	Ignalina	71.93 351	eP	P	23 54 46.3 +0.3
PABE	Paberze	71.97 353	P	P	23 54 46.6 +0.4
PABE	Paberze	71.97 353	P	P	23 54 46.3 +0.1
ESK	Eskdalemuir	71.98 9	P	P	23 54 47.1 +0.8
ESK			pmax	pmax	
ESK	comp=Z,113nm,1.7s				
ESK	Eskdalemuir	71.98 9	P	P	23 54 47.1 +0.8
KK31	Kararay Array	72.10 319	P	P	23 54 47.0 -0.2
KK31			pmax	pmax	23 54 49.7
KK31	comp=Z,21nm,1.1s		I Amb	I Amb	23 54 47.0 -0.2
KK31					23 54 49.7
KKAR	Kararay Array	72.10 319	P	P	23 54 46.8 -0.5
KKAR	Kararay Array	72.10 319	P	P	23 54 46.8 -0.5
MITO3	Montecristo	72.16 90	P	P	23 54 48.1 -0.1
NACCM	Naroch	72.32 351	P	P	23 54 48.2 -0.1
KSH	Kashi	72.72 313	P	pmax	23 54 54.5 +3.3
KSH			pmax	pmax	
KSH	comp=Z,46nm,1.3s				
KSH	comp=Z,310nm,7.3s				
KSH	comp=Z,810nm,18.5s		LR	LR	
KSH	comp=Z,990nm,18.5s		LR	LR	
KSH	comp=Z,1um,20.8s		LR	LR	
LPSR	Galich'ya Gora	72.87 343	eP	pmax	23 54 50.5 -1.1
LPSR			pmax	pmax	
LPSR	comp=Z,20nm,1.1s		MLR	MLR	
LPSR	comp=Z,720nm,18.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.7 +1.0
LSA			pmax	pmax	
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,38nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s				
LSA	Lhasa	72.88 296	P	P	23 54 53.3 +0.6
LSA			pmax	pmax	
LSA	comp=Z,31nm,1.0s	</			

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MLR Muntele Rosu, STAL STALIGAL, KOVH Kovagototos, etc.

MOS 08:00:55.1.6.0.9.52:39N:168:56W, h16km, mb5.4/100, MS4.4/4, Error ellipse: s-maj=7.2km s-min=4.4km az=95.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, ISC, Time, Hms, Res, and other parameters. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KNK Knik Glacier, GHO Glory Hole Cre, SML Sawmill, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like EGAK, HYT, and SKAG.

Table with columns for call sign, name, frequency, power, and status. Includes stations like WDC, GRNR, and YAK.

Table with columns for call sign, name, frequency, power, and status. Includes stations like MDJ, HEC, and PFO.

8d 0h

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like SPA0 Spitsbergen Ar, SPB2 Spitsbergen Ar, DAG Danmarks Havn, etc.

2015 OCT

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like X40A Basin Creek Fa, 833A Chaparral WMA, SADO Sadawa, etc.

296

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other technical details. Includes stations like LZP comp=Z,510nm,15.7s, LZH comp=Z,340nm,16.9s, PAL comp=Z,340nm,16.9s, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like OBIR, SBUM, KOGS, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WRAB, ESBB, ESDB, etc.

ADC 08:00:15:27.9.2.8, 15:53N:95:78W, h0km, mb3.8/8, mb1.4/1.9, mb1mx3.8/35, mbtmp3.9/9, ML3.8/1, Error ellipse: s-maj=48.8km s-min=17.5km az=137.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUIG, HUIG, HUIG, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TX32, TXAR, TXAR, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHAR, WHAR, WHAR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TUC, ANMO, ANMO, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAGM, GAGM, GAGM, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSI, KSI, KSI, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like H08S1, H01W3, H01W2, etc.

IPC 08 01:04:16.6:1.2, 31.57N:76.80E, h0km, mb3.9/9, mb1 4.0/12, mb1mx3.7/57, mbtmp3.9/12, ML3.9/3, MS3.5/2, Ms1 3.5/2, ms1mx2.9/42, Error ellipse: s-maj=28.8km s-min=21.9km az=63.0

NEIC 08 01:04:21.9:1.4, 31.60N:0.10:76.97E:0.08, h36km, gkm, mb4.2/10, Error ellipse: s-maj=15.0km s-min=8.8km az=203.0

ISC 08 01:04:17.4:0.5, 31.51N:0.04:77.02E:0.06, h11km, n43, o135/51, mb4.0/14, Northern India

Main table listing station details including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters for various stations like SMLA, BHK, DDI, etc.

Table listing Kuril Islands stations: KRSC 08 01:51:53.9:1.6, 49.51N:154.98E, h224km, 10km, ML3.8, with columns for Code, Station Name, Azimuth, Elevation, Frequency, Mode, etc.

IPC 08 01:53:07.8:0.3, 51.48N:16.39E, h0km, ML2.6/3, Error ellipse: s-maj=2.9km s-min=1.7km az=65.0

Main table listing station details for stations like OSTC, UPC, DPC, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

INET 08 02:04:54.1, 12.96N:90.14W, h23km, ML2.8, MW3.1, UCR 08 02:05:06.1:1.3, 13.30N:89.75W, h48km, 12km, ML3.6, SNET 08 02:05:06.0:1.2, 13.30N:89.76W, h44km, 14km, ML3.6, 2D, El Salvador

Table listing station details for stations like CEVE, SBL, SBL, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

Main table listing station details for stations like SJTE, SJTE, SJTE, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

MEX 08 02:07:37.1:0.4, 15.61N:96.05W, h4km, 7km, MD3.6, Near coast of Oaxaca

Table listing station details for stations like HUIG, HUIG, HUIG, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

NOU 08 02:26:51.3, 17.72S:167.03E, h0km, MLV.5, 1/7, Vanuatu Islands

IPC 08 02:26:54.3:0.7, 17.65S:167.15E, h0km, mb4.4/11, mb1 4.2/15, mb1mx4.4/30, mbtmp4.3/15, ML4.2/2, MS3.7/9, Ms1 3.7/9, ms1mx3.3/34, Error ellipse: s-maj=24.4km s-min=18.7km az=116.0

NEIC 08 02:26:55.0:2.0, 17.57S:167.52E:0.08, h20km, 4km, mb4.8/23, Error ellipse: s-maj=11.2km s-min=5.1km az=111.0

ISC 08 02:26:56.0:0.4, 17.61S:167.31E:0.07, h19km, n88, o137/87, mb4.7/27, MS3.6/9, 1D, Vanuatu Islands

Main table listing station details for stations like DVP, RTV, RTV, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

Main table listing station details for stations like MSVF, HNR, CTA, etc., including Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Las Campanas, Catapilco, Llanos de Chal, etc.

IDC 08 03:26:38.37.7, 4.28S, 150.15E, h145km, 48km, mb3.4/3, mb1 3.6/4, mb1mx3.3/35, mbtmp3.9/4, MS3.4/5, Ms1 3.4/5, ms1mx3.1/22, Error ellipse: s-maj=122.1km s-min=38.5km az=89.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Port Moresby, Sorong, Warramunga Arr, etc.

IDC 08 03:32:28.7.2.2, 3.44S, 151.38E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/37, mbtmp3.6/3, MS3.4/2, Ms1 3.4/2, ms1mx2.8/25, Error ellipse: s-maj=192.5km s-min=29.6km az=125.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Honiara, Warramunga Arr, Mont Dzumac, etc.

JMA 08 03:41:32.6.0.1, 24.19N, 121.84E, h17km, 2km, M2.6 TAP 08 03:41:32.5.24.24N, 121.85E, h19km, ML3.3, B ISC 08 03:41:32.7.0.8, 24.21N, 121.86E, 0.02, h17km, 6km, n70, c0580/139, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Heping Village, Fush Village, Nanau, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like WHE, WHF, ESL, FUSH, TWT, YHNB, NTC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like TPUB, TWK, TWK, CHN1, etc.

NOU 08 03:47:54.7, 17.74S, 169.89E, h328km, mb4.1/7, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Devils Point, Sarautout, etc.

IPEC 08 03:52:46.8.0.4, 51.52N, 16.20E, h0km, 2km, ML2.8/3, Error ellipse: s-maj=3.8km s-min=1.8km az=59.0 VIE 08 03:52:47.1.1.2, 51.46N, 16.48E, h0km, mb2.6/7, ml2.9/7, Error ellipse: s-maj=11.1km s-min=8.3km az=90.0 55 km NW of Wroclaw Suspected Mining induced, IDC 08 03:52:48.8.0.8, 51.46N, 15.98E, h0km, mb1 3.4/7, mb1mx3.3/40, mbtmp3.3/7, ML2.8/7, Error ellipse: s-maj=14.3km s-min=8.1km az=110.0 PRU 08 03:52:48.6.0.0, 51.44N, 16.06E, h0km, m41, c1922/77, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like KSP, OSTC, UPC, DPC, PVCC, etc.

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

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like STKA, BBOO, AS31, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NEIC, AKASG, HFS, FINES, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like QSPA, KAPI, PLCA, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IDC, AKASG, CMAR, URZ, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cerro Coronel, Cuesta del Vie, Santo Domingo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FRTB, ETMB, ITRB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vanda, GSPA, H03S2, etc.

305

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Las Campanas, San Esteban, Torpederas, etc.

NEIC 08 08:48:22.2, 3.24:31S:0:06:177.4W:0.1, h132km, 7km, mb4.6/29, Error ellipse: s-maj=15.4km s-min=7.3km az=105.0

IDC 08 08:48:51.2, 2.3, 2.4:13S:177.64W, h165km, 19km, mb3.9/9, mb1.4/2.1, mb1mx3.9/3.5, mbtmp4.4/1.1, Error ellipse: s-maj=20.2km s-min=13.8km az=151.0

NOU 08 08:48:54.3, 24:01S:176.90W, h286km, mb4.9/17, South of Fiji Islands

ISC 08 08:48:49.3-0.5, 24:35S:0:06:177.45W:0:07, h150km, n101, <2:02/102, mb4.3/2.1, South of Fiji Islands

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

TAP 08 09:01:16.9, 23:23N:120:32E, h15km, ML3.9, 5C-7D, Res

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

2015 OCT

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

IDC 08 08:49:17.4-2.7, 23:43S:177.72W, h0km, mb4.2/3, mb1.4/6.3, mb1mx3.9/3.3, mbtmp4.2/3, Error ellipse: s-maj=182.2km s-min=33.2km az=161.0, South of Fiji Islands

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

TAP 08 09:01:16.9, 23:23N:120:32E, h15km, ML3.9, 5C-7D, Res

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

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

2015 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWQ1 Liyutan, WHP Taichung City, LDUT Ludao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NKHK Nikolski High, OKSP Okmok Steeple, OKTU Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRNC Granite Creek, LENT Log Cabin Wild, TABL Table Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN8 Yiju, SCLT Jiali, ICHU Yijiu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L19K White Mountain, SEW Seward, O22K Cooper Landing, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKAG Skagway, PET Petropavlovsk, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, SANANA Sanana, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like K20K Telida, RC01 Rabbit Creek A, PPLA Purkeypile, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FARO Faro, YUKON Yukon, MIMPY Sheldon Lake, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like M24K Tolson, Glenn, DHY Denali Highway, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, K02D Wilanette Mer, DBO Dodson Butte, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H45RU USSURIYSK INFR, USRK USSuriysk Ar, USRK USSuriysk Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H21K Melozitna Rive, H21K Melozitna Rive, BMRM Brenner River, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Y04A Tendick Farm, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

Table with columns: NOA, NORSTAR Array B, 67.55 343 P P, 11 01 04.1 +0.8, etc.

MOS 08 11:03:25.2+1.1, 39.91N:143.67E, h13km, mb4.6/18, Error ellipse: s-maj=9.2km s-min=5.6km az=104.2

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

Table with columns: OKH, comp=N,200nm,13.9s, smax, smax, etc.

Table with columns: ZAAO, Zalesovo Array, 41.38 310 P P, 11 11 12.7 +0.3, etc.

Table of seismic events (NOA, NORSAR Array B, etc.) with columns for time, location, magnitude, and station codes.

NNC 08 11:09:33.9, 1.2, 51.84N, 75.51E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=14.4km s-min=7.7km az=21.0, Suspected Mining explosion

IDC 08 11:09:37.6, 1.0, 51.68N, 75.40E, h0km, mb1.2/7.4, mb1mx2.7/46, mbmp2.7/4, ML2.3/4, Error ellipse: s-maj=43.1km s-min=19.8km az=27.0

ISC 08 11:09:38.0, 1.1, 51.56N, 75.36E, h0km, n9, i=150/9, 3C-4D, Eastern Kazakhstan

Table of seismic events (KURBB, BVAR, etc.) with columns for time, location, magnitude, and station codes.

IDC 08 11:21:57.7, 9.9, 2.87N, -124.14E, h336km±12km, mb3.3/3, mb1.3/5, mb1mx2.9/44, mbmp4.0/3.5, Error ellipse: s-maj=190.1km s-min=23.6km az=65.0, Celebes Sea

Table of seismic events (WRA, ASAR, MKAR, etc.) with columns for time, location, magnitude, and station codes.

UPA 08 11:24:22.7, 0.6, 8.50N, 82.93W, h20km±1km, MW4.3, UCF 08 11:24:22.9, 1.6, 8.49N, 82.98W, h17km±6km, MW4.7

ISC 08 11:24:22.1, 1.1, 8.48N, 82.96W, 0.03, h18km, 4km, n27, c=0882/41, 5C-6D, Panama-Costa Rica border region

Table of seismic events (CDITO, MLI3, etc.) with columns for time, location, magnitude, and station codes.

Table of seismic events (JACO, JACO, Garabito, etc.) with columns for time, location, magnitude, and station codes.

IDC 08 11:50:32.8, 1.1, 37.33N, 74.23E, h0km, mb3.7/5, mb1.3/8.7, mb1mx3.5/63, mbmp3.7/7, ML3.5/2, MS3.4/1, Ms1.3/4.1, ms1mx2.6/50, Error ellipse: s-maj=32.6km s-min=26.5km az=32.0

NINC 08 11:50:37.1, 1.3, 27.66N, 74.73E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=26.5km s-min=18.0km az=139.0

ISC 08 11:50:34.4, 1.1, 37.33N, 74.46E, 0.09, h10km, n23, i=1949/27, mb3.6/5, 2C-9D, Tajikistan-Xinjiang border region

Table of seismic events (AAK, AAK, etc.) with columns for time, location, magnitude, and station codes.

UPP 08 11:54:46.9, 0.8, 59.63N, 21.27E, h0km, ML2.7, Suspected explosion

DNK 08 11:54:47.1, 1.2, 59.61N, 21.29E, h0km, ML2.6(UPP), Suspected explosion

HEL 08 11:54:48.3, 0.1, 59.65N, 21.20E, h0km, ML2.5, ML2.7(UPP), Explosion

IDC 08 11:54:53.8, 1.9, 59.53N, 21.25E, h0km, mb1.2/9.4, mb1mx2.8/43, mbmp2.8/4, ML2.1/4, Error ellipse: s-maj=26.6km s-min=6.4km az=166.0

HEL 08 11:54:48.2, 59.65N, 21.19E, h0km, ML2.5, Explosion

BER 08 11:54:49.0, 0.8, 59.60N, 21.17E, h0km, ML2.0, ML3.1(UPP), Suspected explosion

ISC 08 11:54:45.3, 0.6, 59.60N, 0.04, 21.24E, 0.03, h0km, n52, c=1111/62, Baltic States-Belarus-Northwestern Russia

Table of seismic events (AAD, AAL, etc.) with columns for time, location, magnitude, and station codes.

Table of seismic events (PVF, FINES, etc.) with columns for time, location, magnitude, and station codes.

PRU 08 11:58:14.4, 0.0, 50.19N, 19.06E, h0km, Poland

Table of seismic events (OJC, OJC, etc.) with columns for time, location, magnitude, and station codes.

IDC 08 12:06:0.2, 3.0, 12.96S, 166.63E, h131km, mb3.8/9, mb1.4/1.1, mb1mx3.7/38, mbmp4.3/11, Error ellipse: s-maj=25.9km s-min=16.7km az=84.0

ISC 08 12:16:58.4, 0.8, 13.02S, 166.09E, 0.1, h150km, n14, c=1541/16, mb3.9/9, Vanuatu Islands

Table of seismic events (HNR, HNR, etc.) with columns for time, location, magnitude, and station codes.

UPP 08 12:19:27.2, 0.6, 59.65N, 21.02E, h0km±5km, ML2.3

HEL 08 12:19:30.8, 0.9, 59.67N, 21.17E, h0km, ML2.2, Explosion

HEL 08 12:19:30.8, 0.1, 59.68N, 21.16E, h0km, ML2.2, ML2.3(UPP), Explosion

UPP 08 12:19:34.0, 0.7, 59.71N, 20.66E, h0km, ML2.3, Suspected explosion

DNK 08 12:19:42.3, 1.6, 6.03N, 19.83E, h0km, ML2.3(UPP), Suspected explosion

ISC 08 12:19:29.8, 0.9, 59.70N, 0.04, 21.12E, 0.03, h0km, n49, c=856/49, Baltic States-Belarus-Northwestern Russia

Table of seismic events (AAD, AAL, etc.) with columns for time, location, magnitude, and station codes.

GLB	comp=E,294nm,0.4s			IAML	12 35 28.9
GOAT	comp=N,272nm,0.8s			Pn	12 34 45.9 -1.3
VRDI	comp=N,187nm,0.7s			Pn	12 35 34.7
VRDI	comp=E,172nm,0.7s			IAML	12 35 37.9
MCARA	McCarthy VSAT	4.11 110	P	Pn	12 34 49.8 -0.4
MCARA	McCarthy VSAT	4.11 110	P	Pn	12 34 49.7 -0.4
K27K	Chicken	4.16 72		Pn	12 34 50.1 -0.7
K27K	Chicken	4.16 72		IAML	12 35 38.9
K27K	comp=N,110nm,0.7s			IAML	12 35 42.5
HMT	Hamilton	4.21 126	Pn	Pn	12 34 50.5 -1.1
L27K	Beaver Creek	4.22 85		Pn	12 34 50.5 -1.1
L27K	Beaver Creek	4.22 85		IAML	12 35 59.5
L27K	comp=E,48nm,0.8s			IAML	12 36 01.2
BC03	Beaver Creek	4.22 85	P	Pn	12 34 50.5 -1.1
BC03	Beaver Creek	4.24 85	Pn	Pn	12 34 50.9 -1.0
BCAR	Beaver Creek A	4.24 85	Pn	Pn	12 34 50.9 -1.0
COLD	Coldfoot	4.25 5	P	Pn	12 34 52.0 -0.1
COLD	Coldfoot	4.25 5	P	Pn	12 34 52.0 -0.1
Q23K	Middleton Isla	4.26 145	Pn	Pn	12 34 51.8 -0.3
M27K	Edge Creek, AK	4.29 95		Pn	12 34 52.9 +0.1
M27K	Edge Creek, AK	4.29 95		IAML	12 36 12.0
M27K	comp=E,60nm,1.3s			IAML	12 36 12.7
M27K	Edge Creek, AK	4.29 95	P	Pn	12 34 52.9 +0.1
FYU	Fort Yukon	4.36 32	Pn	IAML	12 35 44.6
FYU	comp=N,54nm,2.3s			IAML	12 35 46.0
FYU	comp=E,51nm,0.7s			IAML	12 35 46.0
BERG	Berg Lake	4.38 123	Pn	Pn	12 34 52.6 -1.2
CRQM	Cirque	4.38 117	Pn	Pn	12 34 53.3 -0.7
CRQM	Cirque	4.41 117	Pn	Pn	12 34 53.2 -1.0
PTPK	Patry Peak	4.44 110	Pn	Pn	12 34 54.3 -0.5
TGL	Tana Glacier	4.51 116		Pn	12 34 54.3 -1.4
TGL	Tana Glacier	4.51 116		IAML	12 36 06.6
KHIT	Khitrov Hills	4.53 121		Pn	12 34 54.5 -1.3
BAIM	Baldy	4.57 112		Pn	12 34 55.1 -1.1
KIAG	Kiagna River	4.62 113		Pn	12 34 57.1 -1.4
WAX	Waxell Ridge	4.68 120		Pn	12 34 56.5 -1.4
EGAK	Eagle	4.73 64		Pn	12 34 57.6 -0.8
EGAK	Eagle	4.73 64		IAML	12 35 55.1
EGAK	comp=E,93nm,0.9s			IAML	12 36 09.7
EGAK	Eagle	4.73 64	P	Pn	12 34 57.7 -0.7
BVCY	Beaver Creek	4.74 93	P	Pn	12 34 58.1 -0.5
ISLE	Juniper Island	4.80 116	Pn	Pn	12 34 57.3 -2.2
BARN	Barnard Glacier	4.85 110		IAML	12 35 56.0
BARN	Barnard Glacier	4.85 110		IAML	12 35 20.6
KULT	Kultieth River	4.86 121		Pn	12 34 59.0 -1.1
YUK2	White River	4.92 100		Pn	12 35 00.9 -0.1
YUK1	Sand Pit Hill	4.93 95		Pn	12 35 01.7 -0.1
GRNC	Granite Creek	4.97 113		Pn	12 35 00.5 -1.3
GRNC	Granite Creek	4.97 113		IAML	12 36 18.1
GRNC	comp=N,81nm,0.7s			IAML	12 36 21.2
CTG	Chitna Glacier	5.03 110	P	Pn	12 35 02.1 -0.4
CTGM	Chitina Glacie	5.03 110		Pn	12 35 01.9 -0.7
CTGM	Chitina Glacie	5.03 110		IAML	12 36 05.8
CTGM	comp=E,40nm,1.1s			IAML	12 36 24.4
YUK3	Moose Creek	5.09 99	P	Pn	12 35 03.4 -0.1
YUK3	Moose Creek	5.09 99	P	Pn	12 35 03.2 -0.3
KAKN	Katmai Knife C	5.11 204		Pn	12 35 03.5 -0.1
YAH	Yahthe	5.18 117		IAML	12 35 03.3 -1.3
YAH	Yahthe	5.18 117		IAML	12 36 25.2
YAH	comp=E,100nm,0.8s			IAML	12 36 27.0
MEM3	Burnt Mountain	5.20 29	P	Pn	12 35 04.4 -0.3
MEM3	MESA	5.20 119	P	Pn	12 35 03.9 -1.1
BMAR	Burnt Mountain	5.21 29	Pn	Pn	12 35 04.4 -0.4
BMAR	Burnt Mountain	5.24 29	Pn	Pn	12 35 04.3 -0.4
LOGN	Logan Glacier	5.24 110		IAML	12 35 04.8 -0.6
LOGN	comp=E,63nm,1.2s			IAML	12 36 27.7
LOGN	comp=N,56nm,0.6s			IAML	12 36 29.4
DAWY	Dawson	5.34 73	Pn	Pn	12 35 05.8 -0.7
DAWY	Dawson	5.34 73		IAML	12 36 43.4
DAWY	comp=E,50nm,0.9s			IAML	12 36 46.7
DAWY	comp=N,47nm,0.7s			IAML	12 36 47.7
DAWY	Dawson	5.34 73	P	Pn	12 35 05.8 -0.7
CAHL	Cahill	5.39 205		Pn	12 35 07.5 +0.2
TOLK	Toolik Lake Re	5.69 6	Pn	Pn	12 35 11.9 +0.6
SAMH	Samovar Hills	5.71 116		Pn	12 35 11.4 +0.6
OHAK	Old Harbor	5.91 192	Pn	Pn	12 35 12.2 -2.0
PCA	Pinnacle	5.94 115		Pn	12 35 13.8 -0.9
PCNM	Pinnacle	5.94 115		Pn	12 35 13.9 -0.9
PCNM	comp=N,304,SNR=16			IAML	12 35 18.9 -0.9
BCPM	Bancas Point	6.28 114	Pn	Pn	12 35 13.8 -0.9
YUK6	Outpost Mounta	6.34 103	P	Pn	12 35 19.1 -1.1
INK	Inuvik	6.86 46	P	Pn	12 35 55.6 +0.5
YKA	Yellowknife Ar	16.57 75	P	Pn	12 37 35.2 +1.7
SEY	Seymour Array	24.93 32	P	P	12 38 59.5 -0.5
PDAR	Pinedale Array	31.40 110	pP	pP	12 40 27.7 +1.6
NVAR	Minna Array Bea	31.56 126	pP	pP	12 40 29.4 +1.9
TXAR	Lajitas Array	45.31 115	P	P	12 41 58.0 +4.5
ARCES	ARCES Array B	47.72 2	P	P	12 42 10.9 -0.8
KSRS	Korea Array	53.44 282	P	P	12 42 56.0 +1.0
ZALV	Zalesov Beam	55.49 324	P	P	12 43 08.7 -0.9
NOA	NORARS Array B	55.55 10	P	P	12 43 09.9 -0.1
FINES	FINES Array B	55.85 2	P	P	12 43 11.0 -0.9
BVAR	Borovoye Array	60.05 326	P	P	12 43 39.4 -0.5
KURB	Kurchatov Ar	60.05 326	P	P	12 43 41.5 +0.1
KURBB	Kurchatov Ar	60.16 326	P	P	12 43 41.5 +0.6
MKAR	Makanchi Array	62.65 322	P	P	12 43 58.2 -0.9
AKTO	Aktuyubinsk	64.59 340	P	P	12 44 11.3 -0.3
AKASG	Malin Array Be	66.84 360	P	P	12 44 24.4 -0.3
AKASG	comp=N,2.2nm,0.7s,baz=4.8,slow=6.7,SNR=10.0			IAML	12 44 24.4 -0.3

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JARK	Aomorirokkasho	0.53 284	Op	12 49 17.7 0.0	ISC
JARK	JARK		Op	12 49 26.4 +0.1	ISC
JARK	Nango	0.65 218	Op	12 49 19.3 +0.2	ISC
JARK	JARK		Op	12 49 29.0 +0.1	ISC
JAHJ	Aomorihigashid	0.66 306	Op	12 49 19.0 -0.2	ISC
JKEN	Kujiedanaraisaw	0.72 201	Op	12 49 19.9 -0.1	ISC
JKEN	JKEN		Op	12 49 30.6 +0.2	ISC
JTM	Tenmabayashi	0.74 263	Op	12 49 20.6 +0.3	ISC
JTM	JTM		Op	12 49 31.5 +0.6	ISC
JOT	Ohata	0.90 304	Op	12 49 34.5 0.0	ISC
JKB	Kayabe	1.26 323	Op	12 49 26.9 -0.1	ISC
JKB	JKB		Op	12 49 42.8 -0.1	ISC
JAH	Hinai	1.28 338	Op	12 49 28.1 +0.8	ISC
JSR	Shiriruchi	1.39 298	Op	12 49 29.4 +0.7	ISC
JSR	JSR		Op	12 49 47.0 +1.0	ISC
JEM	Erimo	1.41 36	Op	12 49 29.6 +0.6	ISC
JEM	JEM		Op	12 49 46.5 -0.1	ISC
JNBK	Urakawa-nobuka	1.49 21	Op	12 49 31.1 +0.9	ISC
JNBK	JNBK		Op	12 49 49.2 +0.6	ISC
JOM	Ohasama	1.52 202	Op	12 49 31.2 +0.6	ISC
JOM	JOM		Op	12 49 49.9 +0.6	ISC
JIW	Iwasaki	1.57 260	Op	12 49 32.5 +1.2	ISC
JNB	Noboribetsu	1.75 335	Op	12 49 33.2 -0.5	ISC
JYMZ	Yakumo 2	1.76 315	Op	12 49 34.6 +0.8	ISC
ASAJ	Asahikawa	1.8nm,0.3s,baz=186,slow=17,SNR=7.0	Op	12 49 54.0 +0.5	ISC
ASAJ	1.7nm,0.3s,baz=176,slow=28,SNR=1.6		Op	12 50 33.6 +1.8	ISC
H112	WAKE ISLAND Hy	29.90 127	T	12 36 49.2	ISC
H111	WAKE ISLAND Hy	29.92 127	T	12 36 49.5	ISC
H113	WAKE ISLAND Hy	29.92 127	T	12 36 48.5	ISC
H115	WAKE ISLAND Hy	30.73 129	T	12 37 46.2	ISC
H115	WAKE ISLAND Hy	30.73 129	T	12 37 46.8	ISC
H112	WAKE ISLAND Hy	29.90 127	T	12 37 42.1	ISC
MKAR	Makanchi Array	42.59 299	P	12 56 55.3 -0.8	ISC
WRA	Warramunga Arr	81.94 188	P	12 59 12.0 -0.8	ISC
ASAR	Alce Springs	64.66 188	P	12 59 37.1 -0.5	ISC
FINES	FINES Array B	65.65 323	P	12 59 43.6 +0.1	ISC
FINES	FINES Array B	65.65 323	P	12 59 43.6 +0.1	ISC
OKSO	Okmok South	7.40 68	Pn	12 34 48.2 +2.6	ISC
OKTU	Okmok Hill Tuli	7.48 68	Pn	12 34 45.5 +2.9	ISC
SPIA	Saint Paul Isl	8.19 39	Pn	12 34 59.1 +2.7	ISC
SPIA	Saint Paul Isl	8.19 39	Pn	12 34 58.6 +2.2	ISC
MSW	Makushin Swite	8.33 65	Pn	12 35 00.4 +2.1	ISC
MINAT	Makushin Natee	8.38 66	Pn	12 35 01.8 +2.8	ISC
UNV	Unalaska Valle	8.48 66	Pn	12 35 02.4 +2.1	ISC
UNV	Unalaska Valle	8.48 66	Pn	12 35 02.4 +2.1	ISC
AKBBA	Akutan Broad B	8.86 65	Pn	12 35 08.9 +3.2	ISC
AKUT	Akuta	8.96 65	Pn	12 35 10.9 +3.5	ISC
SDPT	Sand Point	12.23 62	Pn	12 35 27.4 +1.3	ISC
SDPT	Sand Point	12.23 62	Pn	12 35 25.2 +0.5	ISC
CNBA	Chernabura Isl	12.64 65	Pn	12 35 56.3 -0.9	ISC
CHNA	Chernabura Isl	12.64 65	Pn	12 35 57.1 -0.1	ISC
GAMB	Gambell	13.37 15	Pn	12 36 10.9 +3.8	ISC
GAMB	Gambell	13.37 15	Pn	12 36 09.0 +1.9	ISC
PETK	Petropavlovsk	13.47 287	eP	12 36 11.5 +3.0	ISC
PET	PET		eS	12 38 40.6 +3.7	ISC
PET	comp=Z,20nm,0.9s		MLR	MLR	ISC
PET	comp=Z,700nm,16s		MLR	MLR	ISC
PET	comp=Z,700nm,17.0s		MLR	MLR	ISC
PET	Petropavlovsk	13.47 287	Pn	12 36 11.7 +3.2	ISC
CHGN	Chignik	13.58 59	Pn	12 36 10.1 +0.1	ISC
CHGN	Chignik	13.58 59	Pn	12 36 10.9 +0.0	ISC
PEA0B	Petropavlovsk	14.04 287	iP	12 36 12.8 +1.8	ISC
PEA0B	Petropavlovsk	14.04 287	iP	12 36 12.1 +0.7	ISC
PETK	comp=Z,0.5nm,0.3s,baz=95,slow=18,SNR=18		Sn	12 38 47.7 -3.3	ISC
PETK	comp=Z,0.1nm,0.3s,baz=346,slow=18,SNR=1.1		PcP	12 31 36.4 +1.3	ISC
PETK	comp=Z,0.2nm,0.3s,baz=83,slow=2.9,SNR=6.2		PcP	12 26 24.7 +0.9	ISC
CHIR	Chirikof Islan	15.03 62	Pn	12 36 28.3 -1.4	ISC
SII	Sitkinan Islan	15.93 60	Pn	12 36 40.8 -0.7	ISC
OHAK	Old Harbor	16.53 58	Pn	12 36 46.2 -2.9	ISC
OHAK	comp=Z,75nm,1.1s		Iamb	Iamb	ISC
OHAK	Old Harbor	16.53 58	Pn	12 36 47.8 -1.2	ISC
N19K	Bonanza Creek	16.99 46	Pn	12 36 53.3 -1.6	ISC
N19K	comp=Z,47nm,0.8s		Iamb	Iamb	ISC
N19K	Bonanza Creek	16.99 46	Pn	12 36 55.2 +0.3	ISC

ML2.6(NAO), Suspected explosion
ISC 08 17:01:08.2, 0.8, 67.07N, 0.02-20.93E, 0.03, h0km, n58,
c=082/76, Sweden

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

GUC 08 17:04:03.0, 6.16, 95S, 69.97W, h217km, gkm, ML4.0, Peru-Bolivia border region

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

ISC 08 17:08:31.6, 6.5, 15.83S, 175.85W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/31, mbtmp4.0/3, Error ellipse: s-maj=187.4km s-min=106.9km az=138.0, Tonga Islands

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

2.6mm, 0.4s, baz=88, slow=8.0, SNR=72
AKASG Main Array Be 139.78 335 PKP 17 28 01.0 -0.6
0.3mm, 0.4s, baz=190, s=7.3, SNR=2.2

TAP 08 17:18:22.7, 24.89N, 122.22E, h0km, ML2.7, C
JMA 08 17:18:23.0, 0.1, 24.81N, 122.22E, h33km, M1.9
ISC 08 17:18:22.5, 1.0, 24.86N, 0.03-122.25E, 0.03, h12km, gkm,
n37, c=051/48, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TWB1, TWB1, NTC, etc.

ISC 08 17:20:04.8, 2.0, 50.38N, 174.02W, h0km, mb3.7/10, mb1 4.0/11, mb1mx3.7/45, mbtmp3.7/11, ML2.7/1, Error ellipse: s-maj=51.5km s-min=22.5km az=15.0

NEIC 08 17:20:08.1, 0.9, 50.4N, 1.1, 174.15W, 0.09, h35km, 1.4km, ML3.4/22(AEIC), Error ellipse: s-maj=15.3km s-min=7.9km az=173.0

AEIC 08 17:20:10.1, 6.5, 50.4N, 1.1, 174.17W, 0.03, h1km, gkm, Error ellipse: s-maj=14.6km s-min=3.2km az=179.0

ISC 08 17:20:06.0, 3.6, 50.6N, 0.1, 174.12W, 0.07, h5km, 20km, n29, c=087/36, mb3.8/9, Andreev Islands

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

ISC 08 17:44:34.7, 2.5, 59S, 147.56E, h146km, 66km, mb2.6/1, mb1 2.8/3, mb1mx2.7/36, mbtmp3.2/3, MS3.2/2, Ms1 3.2/2, ms1mx2.8/16, Error ellipse: s-maj=104.7km s-min=85.0km az=140.0, Eastern New Guinea region

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

NNC 08 17:48:26.8, 10.0, 37.33N, 70.23E, h0km, mb3.7, mpv3.3, 2C-3R, Error ellipse: s-maj=86.1km s-min=76.9km az=28.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KK31, KK31, AAK, etc.

ISC 08 17:56:01.8, 12.0, 30.51S, 177.51E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.9/34, mbtmp4.2/4, ML4.7/1, Error ellipse: s-maj=239.5km s-min=41.8km az=62.0

NEIC 08 17:56:15.4, 1.6, 31.0S, 0.1, 175.9E, 0.2, h10km, 2km, mb4.2/10, Error ellipse: s-maj=31.3km s-min=13.3km az=138.0

WEL 08 17:56:27.1, 0.6, 33.5S, 7.18E, h33km, 12km, M4.1/29, mb4.7/24, ML4.8/37, ML4.7/29, Mw(mb)4.0/24, Error ellipse: s-maj=0.0km s-min=0.0km az=110.3

ISC 08 17:56:25.9, 1.2, 32.74S, 0.08, 179.7E, 0.1, h40km, n79, mb154/85, mb3.7/9, South of Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like Ouen, DZM, ONTC, etc.

JMA 09 00:04:56.3±0.3, 23.24N, 121.77E, h27km, 5km
TAP 09 00:04:57.6±23.28N, 121.65E, h28km, ML2.9, D
ISC 09 00:04:57.3±0.1, 23.27N, 121.69E±0.04, h31km, 6km, n53, 0.057/104.2C, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like ECBN, HGSB, HGS, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like EGHF, ECS, ESL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like Kermaec Islands Region, NEIC, etc.

9d 1h

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

NEIC 09 01:28:01.2, 1.5, 2.26S; 0.08x134.35E; 0.06, h10km, 1km, mb4.6/34, Error ellipse: s-maj=13.0km s-min=10.3km az=180.0

ICD 09 01:28:04.0, 3.9, 2.53S; 134.16E, h33km, 29km, mb4.2/11, mb1.4/4.15, mb1mx3.1/37, bmtmp4.4/15, ML4.2/4, MS3.9/14, Ms1.3/9.14, ms1mx3.6/30, Error ellipse: s-maj=24.2km s-min=11.5km az=180.0

DJA 09 01:28:05.7, 0.3, 2.5S; 133.4E, h59km, 8km, M4.7/10, mb4.6/9, mb5.4/2, MLv4.8/10, Mw(mB)4.8/2, MwMwp4.7/1, Mwp5.0/1

ISC 09 01:28:04.3, 0.4, 2.54S; 0.05x134.21E; 0.06, h35km, n84, z=227.0, mb4.5/30, MS4.0/8, 1C-1D, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like FAKI Fak Fak, SWI Sorong, MNTN Mantion Dam, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ASAR comp=Z,0.3nm,0.5s, baz=90, slow=25, SNR=2.5, ASAR comp=Z,60.2nm,20.7s, baz=3.5, slow=38, etc.

NEIC 09 01:22:0.2, 2.0, 28.90N; 0.04x86.34E; 0.07, h10km, 1km, mb4.0/15, Error ellipse: s-maj=11.2km s-min=7.2km az=104.0

DMN 09 01:01:22.0, 2.0, 28.88N; 86.54E, h10km, M4.5/12, Error ellipse: s-maj=4.0km s-min=1.7km az=17.0

NDI 09 01:01:27.3, 3.0, 28.57N; 86.32E, h10km, ML3.7, mb4.0/(N)IC

ICD 09 01:01:32.6, 3.9, 29.07N; 86.65E, h85km, 59km, mb3.5/9, mb1.3/7.12, mb1mx3.4/51, bmtmp3.8/12, ML4.1/3, Error ellipse: s-maj=37.6km s-min=15.5km az=49.0

ISC 09 01:01:21.9, 0.5, 28.96N; 0.04x86.50E; 0.02, h10km, n53, z=155/72, mb4.0/12, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GUN Gumba, KKK Kakan, PKI Pulchoki, etc.

322

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

ICD 09 01:07:32.5, 0.8, 37.45N; 78.04E, h0km, mb3.9/15, mb1.4/0.21, mb1mx3.9/45, bmtmp3.9/21, ML3.2/6, MS3.5/4, Ms1.3/4, ms1mx3.0/37, Error ellipse: s-maj=20.2km s-min=13.8km az=52.0

MOS 09 01:07:33.7, 1.0, 37.49N; 78.08E, h13km, mb4.5/10, Error ellipse: s-maj=0.8km s-min=4.8km az=106.0

NEIC 09 01:07:35.7, 2.8, 37.49N; 0.06x78.09E; 0.10, h10km, 1km, mb4.2/14, ML4.3/(BJJ), Error ellipse: s-maj=13.0km s-min=10.8km az=103.0

BJJ 09 01:07:37.2, 0.0, 37.70N; 77.91E, h10km, mb3.9/7, ML4.2/7, NNC 09 01:07:37.0, 0.9, 37.70N; 78.06E, h4km, 3km, mb4.7, mpv4.4, Error ellipse: s-maj=6.3km s-min=4.9km az=133.0

ISC 09 01:07:36.3, 0.4, 37.49N; 0.04x78.07E; 0.04, h17km, n168, z=192/192, mb4.2/26, MS3.5/6, 14C-13D, Southern

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

IDC 09 01:18:03.3±1.5, 21.81S±175.68W, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.8/23, mbtmp4.3/8.5, ML4.3/1, Error ellipse: s-maj=41.3km s-min=33.8km az=143.0, Tonga Islands
 Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
 URZ Urewera 17.53 199 P P 01 22 10.3 0.0
 1.1nm, 0.3s, baz=345, slow=12, SNR=2.6
ASAR Alice Springs 46.34 258 P P 01 26 30.2 -1.3
 0.4nm, 0.4s, baz=86, slow=7, SNR=9.3
WRA Warrungarra Arr 46.59 263 P P 01 26 34.2 +0.9
 0.3nm, 0.3s, baz=102, slow=7.6, SNR=11
VNDA Vanda 56.81 186 P P 01 27 48.6 -0.4
 1.3nm, 0.6s, baz=18, slow=6.4, SNR=5.2
NVAR Milna Array Bea 80.51 42 P P 01 30 17.8 +0.2
 0.2nm, 0.5s, baz=224, slow=6.3, SNR=1.8

GCG 09 01:33:27.4±0.1, 13.98N±91.77W, h15km, MD3.6
SNET 09 01:33:31.1±1.1, 14.17N±91.38W, h29km, 654km, ML3.4
ISC 09 01:33:24.8±1.1, 13.7N±91.917W±0.1, h6km, 16km, n13, α1770.0, Near coast of Guatemala

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
 RTAL Retalhuleu 0.82 357 eP P 01 33 40.6 +0.1
 RTAL SNUJ 0.82 357 eS P 01 33 48.4 -2.7
 FUG Fuego 3 1.08 47 eP P 01 33 46.1 +0.5
 PCG Pacaya 1.22 56 eP P 01 33 49.3 +1.0
 NBG Las Nubres 1.54 54 eP P 01 33 54.5 +1.3
 NBG 1.54 54 eS Pn 01 34 14.4 +0.8
 RTR El Retiro 1.96 84 eS Pn 01 33 59.7 +0.9
 RTR 1.96 84 eS Pn 01 34 21.7 -2.1
 CEVE Cerro Verde 1.97 86 eP Pn 01 33 59.5 +0.4
 CEVE 1.97 86 eS Pn 01 34 22.7 -1.5
 CEVE IAML
 comp=Z, 1µm, 0.3s
 SBLS San Blas 1.97 86 eP Pn 01 33 59.6 +0.6
 SBLS 1.97 86 eS Pn 01 34 20.3 -1.3
 SNUJ San Jose 1.99 85 eP Pn 01 34 00.1 +0.8
 SNUJ 1.99 85 eS Pn 01 34 22.9 -2.4
 MTO3 Montecristo 2.33 72 eP Pn 01 34 03.4 -0.5
 MRL Marmol 2.35 54 eP Pn 01 34 07.4 +3.2
 LFRS El Faro 2.52 92 eP Pn 01 34 07.9 +1.5
 LFRS 2.52 92 eS Pn 01 34 35.5 -2.1
 SJTE Alcalda de S 2.57 92 eP Pn 01 34 08.5 +1.3
 SJTE 2.57 92 eS Pn 01 34 37.9 -1.0
 SJTE IAML
 comp=Z, 92nm, 0.4s
 PAVA Las Pavas 2.64 89 eP Pn 01 34 10.0 +1.9
 PAVA IAML
 comp=Z, 135nm, 0.3s

IDC 09 01:38:04.7±0.6, 2.69S±139.25E, h0km, mb4.3/10, mb1 4.5/13, mb1mx4.3/25, mbtmp4.4/13, ML4.5/2, MS3.9/16, MS1 3.9/16, ms1mx3.7/37, Error ellipse: s-maj=13.0km s-min=11.8km az=133.0
DJA 09 01:38:07.2±0.3, 3.3±3.3, h10km, M4.9/15, mb4.7/15, mb5.8/5, ML4.7.5, MW(M)wp5.4/5, MW(M)wp5.2/1, Mwps.5/1
NEIC 09 01:38:12.4±1.8, 2.87S±109.139E, 0.0/0.8, h48km, 6km, mb4.5/35, Error ellipse: s-maj=13.3km s-min=11.0km az=194.0
ISC 09 01:38:07.0±0.4, 2.72S±104.13927E±0.05, h10km, n98, α2507/92, mb4.5/26, MS3.9/13, Near north coast of Irian Jaya

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
 SMP1 Sarmi 0.92 322 Op P 01 38 33.4 +1.0
 WAMI Wamena 1.28 206 P P 01 38 35.4 +3.7
 JAY Jayapura 1.45 82 P 01 38 30.4 -2.9
 72nm, 0.3s, baz=244, slow=9.6, SNR=11.0
 JAY 274nm, 0.3s, baz=112, slow=22, SNR=12
 JAY Jayapura 1.45 82 P S 01 38 30.6 -2.7
 JAY 1.45 82 S Sg 01 38 51.5 -2.2
 SRPI Serui, Papua 3.14 286 P Pn 01 38 57.2 +0.6
 FAKI Fak Fak 7.01 268 Pn Pn 01 39 51.2 +1.3
 FAKI Fak Fak 7.01 268 P Pn 01 39 51.2 +1.3
 MANU Manus Island 8.12 85 Pn Pn 01 40 08.8 +3.8
 SIJI Sorong 8.21 283 Pn Pn 01 40 05.8 -0.4
 2.9nm, 0.3s, baz=232, slow=22, SNR=2.4
 Sorong 8.21 283 P S 01 40 09.8 +3.5
 PMG Port Moresby 10.28 131 Pn Pn 01 40 36.0 +1.3
 1.6nm, 0.3s, baz=285, slow=12, SNR=3.1
 COEN Coen 11.81 161 Pn Pn 01 40 57.9 +2.2
 MTN Mantion Dam 12.89 218 Pn Pn 01 41 09.3 +0.9
 SANI Sanana 13.29 273 P Pn 01 41 17.3 +1.5
 30nm, 1.0s
 SOEI Soe 16.46 244 P Pn 01 41 59.6 +1.3
 SOEI Soe 16.46 244 P Pn 01 42 00.5 +2.1
 2um178nm, 1.2s
 KNRA Kununurra 16.52 218 Pn Pn 01 41 57.7 -1.2
 KNRA IAML
 comp=Z, 61nm, 0.8s
 LUWI Luwih 16.57 275 Pn Pn 01 41 59.4 -0.3
 Gorontalo 16.59 281 P Pn 01 42 02.6 +0.2
 GVO Davo City (W) 16.77 306 LR LR 01 48 07.9
 comp=Z, 114nm, 20.4s, baz=154, slow=36
 GUMU Guamu 17.13 19 LR LR 01 49 31.7
 comp=Z, 437nm, 18.1s, baz=18, slow=18
 BATI Baumata 17.19 244 P Pn 01 42 10.2 +1.1
 comp=Z, 14nm, 0.3s, baz=176, slow=1.1, SNR=7.5
 BATI Baumata 17.19 244 P Pn 01 42 09.2 +1.7
 comp=Z, 7.4nm, 0.9s
 WB0 Warrungarra Arr 17.78 195 Pn Pn 01 42 10.3 -2.2
 WB0 IAML
 comp=Z, 53nm, 1.5s
 WR0 Warrungarra Arr 17.75 195 Pn Pn 01 42 13.4 -0.9
 WRAB Tennant Creek 17.77 195 Pn Pn 01 42 12.5 -2.2
 WRAB IAML
 comp=Z, 23nm, 0.7s
 WB2 Warrungarra Arr 17.78 195 Pn Pn 01 42 12.9 -1.8
 WB2 IAML
 comp=Z, 24nm, 0.7s
 WRA Warrungarra Arr 17.78 195 P Pn 01 42 12.9 -1.9
 comp=Z, 2.1nm, 0.3s, baz=13, slow=12, SNR=35
 WRA IAML
 comp=Z, 0.4nm, 0.3s, baz=179, slow=34, SNR=2.6
 WRA LR LR 01 49 35.0
 CTA Charters Tower 18.56 159 P P 01 42 27.6 +3.3
 comp=Z, 0.4nm, 0.3s, baz=345, slow=11, SNR=1.5
 TOLJ Toltolt 18.87 281 P P 01 42 27.3 -0.3
 KAPI Kappang 19.60 263 P Pn 01 42 38.6 +1.6
 baz=265, slow=23, SNR=1.2
 FITZ Fitzroy Crossi 20.30 220 P P 01 42 40.7 -2.5
 comp=Z, 7.7nm, 0.7s, baz=43, slow=11, SNR=10
 FITZ S S 01 46 23.3 -7.7
 comp=Z, 10.0nm, 0.8s, baz=62, slow=15, SNR=3.7
 FITZ Fitzroy Crossi 20.30 220 P P 01 42 41.1 -2.1
 FITZ IAML
 comp=Z, 20nm, 1.0s
 AS31 Alice Springs 21.46 194 P P 01 42 54.8 -0.9
 ASAR Alice Springs 21.46 194 P P 01 42 55.2 -0.5
 comp=Z, 8.2nm, 0.5s, baz=22, slow=9.4, SNR=81
 ASAR IAML
 comp=Z, 4.3nm, 0.8s, baz=13, slow=22, SNR=5.2
 ASAR Alice Springs 21.46 194 P P 01 46 55.1 +1.1
 HNR Honiara 21.61 109 LR LR 01 51 60.0
 comp=Z, 173nm, 20.2s, baz=313, slow=39
 TWSI Tallwang, Sumb 23.05 254 P P 01 43 13.3 +0.5
 comp=Z, 10nm, 1.0s
 BBKI Banjar Baru 24.40 266 P P 01 43 28.0 +2.1
 EIDS Eidsvold 25.23 154 P P 01 43 34.4 +1.2
 PSA00 Pilbara Seismi 26.61 224 P P 01 43 43.8 -2.0
 STKA Stephens Creek 29.91 176 P P 01 44 08.0 +2.2
 comp=Z, 2.7nm, 0.6s, baz=39, slow=11, SNR=3.6
 STKA LR LR 01 57 09.9
 comp=Z, 843nm, 18.1s, baz=0.2, slow=39
 JCJ Chichijima 29.78 5 LR LR 01 53 27.6
 comp=Z, 198nm, 21.8s, baz=149, slow=31
 FORT Forrest 29.85 200 P P 01 44 13.1 -1.6
 FORT IAML
 comp=Z, 12nm, 0.7s

BBOO Buckleboo 30.08 185 P P 01 44 16.0 -0.7
 BBOO IAMB
 comp=Z, 15nm, 1.4s
CISOM Cismont, Garu 31.68 260 P P 01 44 31.9 +0.8
MDSI Maurea Dua 35.06 266 P P 01 44 59.1 -1.4
 comp=Z, 2µm, comp=Z, 9.3nm, 1.0s
MJAR Matsushiro Arr 39.07 359 LR LR 02 01 06.8
 comp=Z, 165nm, 18.0s, baz=175, slow=35
NJ2 Nanjing 39.64 332 eP P 01 45 42.1 +3.0
 comp=Z, 4.0nm, 0.5s
RPSI Rantau Prapat 40.69 277 P P 01 45 45.9 -2.2
 RPSI IAMB
 comp=Z, 9.2nm, 0.9s
KRSR Kota Raya 41.34 346 LR LR 02 00 26.5
 comp=Z, 122nm, 19.7s, baz=158, slow=32
CMAR Chiang Mai Arr 44.93 300 P P 01 46 22.1 -0.4
 comp=Z, 1.9nm, 0.7s, baz=118, slow=6.6, SNR=7.8
CHTO Chiang Mai Arr 45.07 300 P P 01 46 23.0 -0.6
USKR Ussuriysk Arr 47.16 353 LR LR 02 03 18.8
 comp=Z, 167nm, 22.0s, baz=132, slow=32
HHC Hu-ho-hao-tee 50.20 333 eP P 01 47 05.7 +2.5
 HHC IAML
 comp=Z, 29nm, 0.8s
HHC comp=Z, 75nm, 6.6s
GTA Gaotai 55.41 323 eP P 01 47 46.2 +4.4
 GTA IAML
 comp=Z, 4.0nm, 1.2s
ULN Ulanbatar 57.71 335 P P 01 47 59.9 +1.8
 ULN IAMB
 comp=Z, 4.6nm, 1.0s
PETK Petropavlovsk- 57.74 173 LR LR 02 15 04.6
 comp=Z, 7.8nm, 18.6s, baz=209, slow=38
SONM Songoing Array 57.97 334 P P 01 47 59.5 -0.4
 comp=Z, 1.0nm, 0.6s, baz=295, slow=21, SNR=1.9
SONM comp=Z, 1.17nm, 20.0s, baz=44, slow=36
SONM Songoing Array 57.97 334 P P 01 48 01.7 +1.8
SONM IAMB IAMB 01 48 03.8
WMQ Urumqi 65.36 121 eP P 01 48 51.9 +2.1
CASY Casey 66.58 192 P P 01 48 56.6 -0.5
MK31 Makanchi Array 70.14 322 P P 01 49 19.3 -0.5
MK31 IAMB IAMB 01 49 30.5
MKAR Makanchi Array 70.14 322 P P 01 49 19.3 -0.5
MKAR Makanchi Array 70.14 322 P P 01 49 19.1 -0.7
MAKZ Makanchi 70.14 322 P P 01 49 20.3 -0.7
MAKZ IAMB IAMB 01 49 37.3
comp=Z, 5.9nm, 0.8s
PPT Papeete 71.22 108 LR LR 02 18 35.9
 comp=Z, 45nm, 19.4s, baz=273, slow=34
NIL Nilore 71.78 307 P P 01 49 27.9 -2.2
NIL IAMB IAMB 01 49 30.2
comp=Z, 11nm, 0.9s
ZALV Zalesovo Beam 72.23 330 P P 01 49 31.0 -1.2
 comp=Z, 1.6nm, 0.5s, baz=119, slow=7.0, SNR=8.1
ZALV IAML IAML 02 21 07.4
 comp=Z, 2.46nm, 21.6s, baz=66, slow=36
KBL Kabul 75.38 307 P P 01 49 50.9 -0.6
KBL IAMB IAMB 01 50 16.3
VNDA Vanda 75.72 175 P P 01 49 52.6 +0.3
 comp=Z, 6.1nm, 0.5s, baz=329, slow=7.1, SNR=39
VNDA IAML IAML 02 23 29.5
comp=Z, 227nm, 18.6s, baz=1.5, slow=36
VNDA Vanda 75.72 175 P P 01 49 51.8 -0.5
VNDA IAMB IAMB 01 49 53.5
KK31 Karatay Array 76.53 315 P P 01 49 55.7 -1.9
KKAR Karatay Array 76.53 315 P P 01 49 55.7 -1.9
BRVK Borovoye 79.71 325 P P 01 50 14.7 -0.3
BRVK IAMB IAMB 01 50 31.1
comp=Z, 3.5nm, 0.7s
NR1K Noril'sk 79.89 344 P P 01 50 14.9 -0.7
NR1K IAMB IAMB 01 50 19.9
MAW Mawson 82.32 202 P P 01 50 29.1 +0.5
 comp=Z, 4.9nm, 1.0s
MAW IAML IAML 02 22 00.7
 comp=Z, 4nm, 0.5s, baz=60, slow=7.6, SNR=5.3
MAW Mawson 82.32 202 P P 01 50 27.3 -1.3
IMAR Indian Mountai 83.29 22 P P 01 50 35.3 +1.6
WRH Wood River Hill 85.03 25 P P 01 50 42.7 +0.1
WRH IAMB IAMB 01 50 42.9
comp=Z, 7.9nm, 1.2s
ABKAR Akbulak array 85.09 320 P P 01 50 42.6 -0.6
IL31 85.61 24 P P 01 50 46.0 +0.6
IL31 IAMB IAMB 01 50 46.7
comp=Z, 3.8nm, 0.9s
ILAR Eielson Array 85.61 24 P P 01 50 43.6 -1.9
ILAR IAML IAML 02 25 44.5
 comp=Z, 28nm, 19.5s, baz=82, slow=33
ILAR Eielson Array 85.61 24 P P 01 50 44.9 -0.6
BMAR Burnt Mountai 87.20 22 P P 01 50 54.1 +0.8
TABL Table Mountain 87.22 29 P P 01 50 55.9 +2.2
QSPA South Pole Qui 87.22 180 P P 01 50 56.6 -1.0
BCAR Beaver Creek A 87.41 27 P P 01 50 56.0 +1.6
DAWY Dawson 88.64 26 P P 01 51 01.5 +1.2
YKA Yellowknife Ar 90.82 27 LR LR 02 03 05.4
 comp=Z, 286nm, 22.0s, baz=0.0, slow=93
ARCES ARCCESS Array B 100.70 341 P P 01 51 53.1 -2.1
 comp=Z, 0.7nm, 0.5s, baz=109, slow=6.6, SNR=7.4
VNA2 Neumayer-Watz 103.29 191 Pdif Pdif 01 52 11.7 +5.0
VNA3 Neumayer Olymp 103.43 190 Pdif Pdif 01 52 09.0 +1.6
KIC Kosan Boka 143.95 277 ePKP1 PKPab 01 57 39.5 -1.7
 comp=Z, 8.0nm, 0.7s
DBIC Dimbokro 144.04 278 PKP PKPab 01 57 40.6 -0.9
 comp=Z, 7nm, 0.6s, baz=105, slow=3.5, SNR=9.0
TIC Toumodi 144.20 278 ePKP1 PKPab 01 57 40.7 -1.4
LIC Lamto 144.24 277 ePKP1 PKPab 01 57 40.1 -2.2
 comp=Z, 5.4nm, 1.7s
LPAZ La Paz 146.99 126 PKPbc PKPbc 01 57 51.2 -0.6
 comp=Z, 1.0nm, 0.7s, baz=225, slow=4.9, SNR=2.6
ATH 09 02:00:14.5, 36.45N±27.05E, h11km, 4km, ML2.5/3, Error ellipse: s-maj=4.8km s-min=1.0km az=42.0
THE 09 02:00:14.9, 36.46N±27.11E, h7km, 1km, ML2.5/3, Error ellipse: s-maj=1.5km s-min=0.5km az=28.0
ISK 09 02:00:14.6, 36.46N±27.12E, h5km, ML2.0/9
DDA 09 02:00:14.5, 36.44N±27.07E, h7km, 1km, ML.1.4
ISC 09 02:00:14.9±1.0, 36.46N±0.03±27.10E±0.03, h12km, 6km, n35, α960/50, Dodecaed Islands

ARG comp=N, 120nm, 0.3s S Sb 02 00 43.5 0.0
ARG Arkhangelos 0.87 106 P S Pb 02 00 31.5 -0.4
ARG SAML AML 02 00 43.5 0.0
ARG comp=N, 172µm, 0.3s
ARG Arkhangelos 0.87 106 P S Pb 02 00 31.3 -0.4
TURN Turunc 0.98 71 P/P Pn 02 00 48.0 -0.3
TURN IAML 02 00 49.0
 comp=E, 312µm, 0.2s
ARG Arkhangelos 0.87 106 P S Pb 02 00 31.3 -0.4
TURN Turunc 0.98 71 P/P Pn 02 00 48.0 -0.3
TURN IAML 02 00 49.0
 comp=E, 18nm, 0.4s
TURN Turunc 0.98 71 PG Pn 02 00 33.3 -0.4
MLSB Milas 0.99 33 PG Pn 02 00 33.9 -0.2
MLSB PG Pn 02 00 47.9 +0.7
YER Yerkesik 1.17 55 PN Pn 02 00 37.2 0.0
SMG Samos 1.26 351 P Pn 02 00 37.6 -0.7
SMG S Sg 02 00 55.7 +0.1
 comp=N, 22nm, 0.5s
SMG Samos 1.26 351 P Pn 02 00 37.6 -0.8
DALY Dalayan (Mula) 1.30 74 PN Pn 02 00 39.8 -0.3
SANT Santorini 1.32 267 P Pn 02 00 38.3 -1.0
SANT Santorini 1.32 267 Pn Pn 02 00 40.6 +0.3
AYDN Tasoluk 1.35 27 P Pn 02 00 40.7 -0.2
AYDN IAML 02 01 05.9 +1.9
 comp=E, 4.1nm, 0.5s
AYDN IAML 02 01 04.0
 comp=N, 4.8nm, 0.4s
SNT5 Nea Kammeni, S 1.37 268 P Pn 02 00 38.9 -1.0
SNT5 Nea Kammeni, S 1.37 268 P Pn 02 00 38.9 -1.0
APE Apeiranthos 1.39 296 P Pn 02 00 39.6 -0.7
APE Apeiranthos 1.39 296 P Pn 02 00 44.5 -0.1
FETY Fethiye 1.61 83 P Pn 02 01 18.0
FETY IAML 02 01 20.0
 comp=N, 4.4nm, 0.7s
FETY Fethiye 1.61 83 PN Pb 02 00 44.2 -0.4
AYDB Zeytinliqoydi 1.61 23 PN Pb 02 00 44.5 -0.2
NPS Neapolis 1.70 226 P Pn 02 00 47.8 -0.8
CAME Cameli-Denizli 1.84 74 PN Pb 02 00 50.4 +1.2
AKAS Kas 2.04 96 PN Pb 02 00 51.6 +1.1
IDI Anoyia 2.14 237 P Pn 02 00 51.6 +1.1
IDC 09 02:03:49.9±0.7, 58.87S±25.75W, h74km, 7km, mb3.8/11, mb1 4.0/13, mb1mx3.8/23, mbtmp4.2/13, MS3.6/2, Ms1 3.6/2, ms1mx3.0/19, Error ellipse: s-maj=16.9km s-min=15.4km az=29.0
NEIC 09 02:03:49.7±1.2, 58.94S±0.09±25.77W±0.2, h72km, 6km, mb4.4/15, Error ellipse: s-maj=15.2km s-min=10.7km az=134.0
ISC 09 02:03:47.9±0.5, 58.91S±0.09±25.63W±0.09, h50km, n43, α154/36, mb4.4/15, South Sandwich Islands region

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Novo Progresso, Samuel, Samuel, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like Cave Junction, Umpqua Nationa, Willamette Mer, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like BPAW Bear Paw Mtn, MLY Manley, COLD Colobot, etc.

IDC 09 03:12:02.2, 1.5, 2.59S, 139.27E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.5/21, mbmp3.5/4, MS3.4/1, Error ellipse: s-maj=30.8km s-min=14.5km az=165.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAY Jayapura, WRA Warramanga Arr, FITZ Fitzroy Crossi, etc.

NOU 09 03:20:06.7, 14.60S, 167.34E, h124km, MLV4.9/10, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SANV Sarautout, DNVV Devis Point, KOUNC Koumanc, etc.

IDC 09 03:37:49.4, 4.2, 4.175N, 126.92E, h0km, mb1 2.8/2, mb1mx2.8/41, mbmp2.8/2, ML2.2/2, Error ellipse: s-maj=49.7km s-min=17.3km az=112.0, North Korea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRSR Kora Array, KRSR Kora Array, KRSR Kora Array, etc.

IDC 09 03:57:55.0, 3.7, 8.57N, 103.41W, h0km, mb3.4/4, mb1 3.9/4, mb1mx4.7/27, mbmp3.4/4, MS3.4/1, Ms1 3.3/1, s-maj=28.4km az=59.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array, etc.

IDC 09 04:02:39.9, 60.0, 17.83S, 172.41E, h0km, mb4.6/3, mb1 4.8/3, mb1mx4.0/29, mbtmp4.6/3, Error ellipse: s-maj=1025.0km s-min=125.3km az=74.0, Station 09 04:02:31.9, 17.85S, 0.3, 171.0E, h10km, n9, az=104.9, mb4.4/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, DZM Mamie plateau, etc.

NEIC 09 04:09:35.5, 1.6, 15.99S, 0.05, 69.77W, 0.09, h208km, 3km, mb4.6/187, Error ellipse: s-maj=12.5km s-min=6.4km az=103.0

VAO 09 04:09:36.2, 0.5, 16.01S, 69.72W, h220km, mb5.0, IDC 09 04:09:37.1, 0.7, 15.96S, 69.58W, h220km, 5km, mb4.2/17, mb1 4.3/21, mb1mx4.2/28, mbtmp4.8/21, Error ellipse: s-maj=11.9km s-min=9.6km az=71.0

GUC 09 04:09:38.6, 0.6, 16.33S, 70.00W, h233km, ML5.5, MW4.9, ISC 09 04:09:33.0, 3.1, 16.05S, 0.04, 69.72W, 0.06, h213km, n316, 0.19, 0.3/261, mb4.6/119, 3C-1D, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LPAZ La Paz, AP01 Chacalluta, AP01 Chacalluta, etc.

9d 4h

Table with columns for call sign, name, frequency, and other details. Includes stations like LVC, LVC, LVC, AF01, AF01, AF01, etc.

2015 OCT

Table with columns for call sign, name, frequency, and other details. Includes stations like 352A, 250A, 250A, etc.

328

Table with columns for call sign, name, frequency, and other details. Includes stations like SCHQ, NVAR, LKVV, LKVV, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Nanjing, Chiang Mai Arr, and IDC 09 04:41:17.9-4.7, 41.74N, 127.06E, h0km, mb1 2.8/1, mb1mx2.7/39, mbtmp2.8/1, ML1.3/1, Error ellipse: s-maj=52.6km s-min=18.2km az=110.0, North Korea

TAP 09 05:03:16.4, 24.81N, 121.90E, h13km, ML3.7 B
JMA 09 05:03:16.8, 0.2, 24.82N, 121.85E, h30km, M3.2
ISC 09 05:03:15.5, 0.9, 24.78N, 0.02, 121.99E, 0.02, h10km, 7km, n122, 0976/167, 20C-1D, Taiwan

Main table of station data for the left column, including stations like NTC Toucheng, ILA ilan, TWP1 Santiao Chiao, etc.

Main table of station data for the middle column, including stations like HWA Hwalien, HSN1 Hsinchu, LIOB Embu, etc.

Table of station data for the right column, including stations like PTMZ Houxiangcun, LYJY Jianjiangzhen, XPSS Dashiju, etc.

TAP 09 05:22:15.7, 24.43N, 122.90E, h69km, ML3.6 C
JMA 09 05:22:15.7, 0.1, 24.38N, 122.90E, h69km, 1km, M3.1
ISC 09 05:22:16.3, 1.2, 24.38N, 0.04, 122.91E, 0.02, h65km, 7km, n90, c1908/164, Taiwan region

Main table of station data for the right column, including stations like Code Station Name, JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GUY2C, RUSC, CBOC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like HHC, NJ2, IDC, MOS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like DMN, KKN, KURK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like BOD, FIA1, FINES, LVZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like JAGI, JAGI, JAGI, Asem Bagus, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MORW, CASY, UGM, GSPA, etc.

IDC 09 06:13:26.9-0.7, 8.44Sx177.73W, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.6/18, mbtmp3.6/2, Error ellipse: s-maj=344.3km s-min=56.5km az=148.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like ASAR, WRA, AKASG, etc.

NEIC 09 06:46:29.0-1.0, 18.1S:0.1x178.4W:0.1, h59km, 9km, mb4, Error ellipse: s-maj=23.0km s-min=9.5km az=226.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like MSVF, AFI, PINNC, etc.

GUC 09 06:52:33.0-0.6, 31.52Sx71.49W, h45km, 3km, ML4.0, NEIC 09 06:52:34.8-0.9, 31.53S:0.03x71.48W:0.06, h39km, 12km, ML4.0(GUC), Error ellipse: s-maj=7.4km s-min=3.4km az=72.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CO06, CO03, CO03, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Popeta, Zonda, Las Campanas, etc.

THR 09 06:55:59.0, 30.60°N, 57.26°E, h14km, 5km, ML3.8

TEH 09 06:55:55.6, 30.63°N, 57.18°E, h8km, ML3.8

ISC 09 06:55:55.9, 30.61°N, 0.04-57.22°E, 0.03, h11km, n45, 171/48, Northern and central Iran

Main table of station data for Iran region, including stations like Koh Gabri, TV Kerma, Kerman, etc.

NCC 09 07:20:49.2-0.2, 50.00°N, 78.62°E, h0km, 3km, mb3.7, mpv3.4, 25C-7D, Error ellipse: s-maj=4.7km s-min=2.1km az=70.0, Suspected Mining explosion., Eastern Kazakhstan

Table of station data for Kazakhstan region, including stations like Kurchatov Arra, Surigao, etc.

Table of station data for Philippines region, including stations like MK31, OTUK, KAPS, etc.

KRNET 09 07:49:19.7, 0.1, 39.04°N, 70.85°E, mb3.0, NNC 09 07:49:21.6, 3.1, 38.98°N, 70.69°E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=2.7, 8km s-min=19.6km az=40.0

ISC 09 07:49:27.2, 3.3, 39.47°N, 10.71°E, 0.07, h10km, n18, 25/20, 14C-9D, Tajikistan

Main table of station data for Philippines region, including stations like DRK, BTK, BTK, etc.

IDC 09 07:52:56.4, 0.9, 10.07°N, 126.21°E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.7/46, mbtmp3.9/7, MS2.7/2, Ms1 2.7/2, ms1mx2.5/38, Error ellipse: s-maj=67.0km s-min=19.8km az=76.0

MAN 09 07:53:03.2, 10.01°N, 126.15°E, h13km, mb4.8, ML3.7, M/S3.6

ISC 09 07:53:02.0, 1.0, 10.05°N, 0.09-126.35°E, 0.08, h35km, n21, 1160/17, mb3.7/7, 3C-3D, Philippine Islands region

Table of station data for Philippines region, including stations like SCPH, Lapu-Lapu, etc.

Table of station data for Greece-Bulgaria border region, including stations like H1N1, H1N2, etc.

IASPEI 09 07:56:53.9, 0.8, 41.21°N, 0.03-25.54°E, 0.02, h12km, 5km, Error ellipse: s-maj=3.9km s-min=2.7km az=27.6, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <I>Seism. Res. Let.</I>, 80, 465-472, 2009

ISK 09 07:56:53.8, 41.16°N, 25.48°E, h5km, ML3.0/25, ATH 09 07:56:54.6, 41.17°N, 25.53°E, h13km, 1km, ML2.8/8, Error ellipse: s-maj=2.2km s-min=1.0km az=22.0

SOF 09 07:56:55.7, 41.30°N, 25.52°E, h18km, MD2.8

DDA 09 07:56:55.1, 41.19°N, 25.63°E, h27km, 1km, ML2.8

THE 09 07:56:55.2, 41.13°N, 25.52°E, h9km, ML2.7/11, Error ellipse: s-maj=1.0km s-min=0.5km az=23.0

ISC 09 07:56:53.8, 0.8, 41.20°N, 0.02-25.54°E, 0.02, h14km, 4km, n78, 1084/111, Greece-Bulgaria border region

Main table of station data for Greece-Bulgaria border region, including stations like RDO, KZD, ALN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, AFI Lajitas Array, AFI Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IBDR Badra, IBDR Baghdad, IBDR Ghaleghazi, etc.

Table with columns: BKZ, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BKZ Black Stump Fire, BKZ HNR Honiara, etc.

SOME 09:09:36:10.8, 43.65N, 69.68E
NNC 09:09:36:11.0, 0.8, 43.65N, 69.70E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=5.1km s-min=3.7km az=99.0,
Suspected Mining explosion.

IDC 09:09:46:15.0, 4.5, 27.44S, 174.04E, h0km, mb3.7/5,
mb1.3, 9.8/5, mb1mx3.5/48, mbtmp3.7/5, Error ellipse:
s-maj=166.7km s-min=33.2km az=39.0, Mid-Indian
Ridge

WRA Warramunga Arr 47.92 260 P PcP
WRA Warramunga Arr 47.92 260 P PcP

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRLS Borolday, BRLS Borolday, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H0S2 Diego Garcia H, H0S1 Diego Garcia H, H0S3 Diego Garcia H, etc.

Table with columns: WRA, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

AEIC 09:09:46:47.1, 2.53, 80N:0.03, 164.18W:0.06, h41km, 9km,
ML3.2/42, mb3.6/3(NEIC), ML3.3/8(NEIC), Error ellipse:
s-maj=5.8km s-min=4.6km az=121.0

NEIC 09:09:46:45.3, 1.2, 53.72N:0.06, 164.15W:0.03, h17km, 6km,
AKUT Error ellipse: s-maj=8.5km s-min=2.6km az=171.0,
Unimak Island region

H0S32 Juan Fernandez 84.43 124 T T
H0S31 Juan Fernandez 84.45 124 T T

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WESE West Dahl East, WESE West Dahl Peak, WESP West Dahl North, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ISLZ Isanotski Laza, AKSA Akutan Strait, AKSA Akutan Strait, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSNW Little Sitkin, etc.

IDC 09:09:55:30.6, 4.6, 51.97N:178.44E, h104km, 42km,
mb3.5/13, mb1.3, 8.1/5, mb1mx3.5/58, mbtmp4.0/15, Error
ellipse: s-maj=25.1km s-min=13.7km az=175.0

NEIC 09:09:55:32.8, 1.8, 52.0N:0.1, 178.39E:0.09, h121km, 1km,
Error ellipse: s-maj=15.2km s-min=8.2km az=176.0

AEIC 09:09:55:32.2, 5.1, 51.9N:0.1, 178.34E:0.08, h127km, 4km,
ML3.4/29, mb4.1/75(NEIC), Error ellipse: s-maj=15.7km
s-min=6.3km az=165.0

IDC 09:09:55:32.4, 0.7, 52.0N:0.1, 178.41E:0.05, h122km, 5km,
n122, 0.095/128, mb4.1/37, Rat Islands

Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSNW Little Sitkin, etc.

Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSNW Little Sitkin, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSNW Little Sitkin, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OHAK Old Harbor, SVW2 Sparrevohn, SKT Skwentna, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OHAK Old Harbor, KDAK Kodiak, L19K White Mountain, etc.

NEIC 09:09:55:12.7, 1.2, 18.82S:0.06, 174.81W:0.10, h68km, 6km,
mb4.6/21, Error ellipse: s-maj=15.3km s-min=3.6km
az=58.0

IDC 09:09:55:13.3, 1.3, 18.72S:174.82W, h79km, 30km, mb3.9/12,
mb1.4, 1/13, mb1mx3.9/33, mbtmp4.2/13, Error ellipse:
s-maj=27.7km s-min=15.5km az=134.0

IDC 09:09:55:14.3, 0.5, 18.73S:0.08, 174.74W:0.09, h100km,
n43, 0.242/43, mb4.5/21, Tonga Islands

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

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

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

ISN 09:09:37:43.1, 0.7, 33.98N:45.34E, h14km, 5km, ML2.9
TEH 09:09:37:45.1, 3.3, 94N:45.41E, h13km, ML3.0

ISN 09:09:37:43.9, 1.4, 33.92N:0.05, 45.34E:0.04, h16km, 13km,
n9, 0.067/15, Iran-Iraq border region

ISN 09:09:37:43.9, 1.4, 33.92N:0.05, 45.34E:0.04, h16km, 13km,
n9, 0.067/15, Iran-Iraq border region

mb1 4.4/11, mb1mx4.3/20, mbtmp4.3/11, ML4.2/3, MS3.5/4, Ms1 3.5/4, ms1mx3.2/22 Error ellipse: s-maj=25.6km s-min=18.9km az=81.0 NEIC 09 10:38:22.0i2.9, 30.58S:0.05:72.40W:0.04, h10km, 1km, mb4.7/21, Mw1.4/32, ML4.4(GUC), Error ellipse: s-maj=7.9km s-min=5.4km az=178.0 GUC 09 10:38:24.3i0.6, 30.68S:72.23W, h36km, 4km, ML4.4 ISC 09 10:38:21.5i1.7, 30.63S:0.02:72.34W:0.04, h3km, 1km, n182, s183/21.5, mb4.6/14, 11C-1D, Off coast of central Chile

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

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

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

9d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tololo Observa, El Pedregal, Las Campanas, etc.

2015 OCT

Table with columns: PTGA, Pitinga, 31.42, 24, P, Iamb, Iamb, 12 52 00.0 -0.3, etc. Includes stations like La Rusia, Neumayer Olymp, etc.

340

Table with columns: KSJEO Jeonju, SNR=6.7, 1.97, 58, P, Pn, 13 16 53.8 +0.1, etc. Includes stations like Chilogk, WARRAMUNGA ARR, etc.

9d 14h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DMBR Dombai, CHVG Ch'k'valeri, KERU Kerch, etc.

2015 OCT

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NEHR Nehou, MLR Muntele Rosu, MLR Muntele Rosu, etc.

342

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNK comp=N,427nm,17.8s, MNK comp=Z,724nm,21.6s, MOS Moscow, etc.

TANN	Tannenbergstha	19.47 308 eP	Pn	14 43 47.2 +2.2
WERN	Wernitzgruen	19.48 308 eP	Pn	14 43 46.7 +1.6
CLL	Colim	comp=Z,66nm,1.6s,baz=110,slow=11	Pn	14 43 47.3 +2.1
CLL	Colim	comp=Z,29nm,1.3s	Pmax	
CLL	Colim	comp=Z,300nm,20.1s	MLR	
CLL	Colim	comp=Z,29nm,1.3s	Pn	14 43 47.3 +2.1
CLL	Colim	comp=N,1um,20.0s	eS	14 47 27.0 +3.4
CLL	Colim	comp=E,1um,20.4s	LmH	14 51 00.0
CLL	Colim	comp=Z,300nm,20.1s	L	14 55 00.0
CLL	Colim	comp=Z,35nm,1.2s,baz=110,slow=11	Pn	14 43 44.8 -0.3
PUL	Pulkovo	19.15 350 i/P	P	14 43 42.7 -1.3
PUL	Pulkovo	comp=Z,74nm,0.7s	Pmax	
MOTZ	Moosalm	19.51 298 eP	Pn	14 43 45.3 -0.3
GUNZ	Gunzen	19.53 308 eP	Pn	14 43 47.7 +2.0
MANZ	Manzenberg	19.54 307 eP	Pn	14 43 47.0 +1.1
RUE	Ruedersdorf	19.57 315 eP	Pn	14 43 47.2 +1.2
KIRV	Kirov	19.65 20 P	P	14 43 44.7 -0.8
KIRV	Kirov	comp=Z,1.5nm,0.3s,baz=212,slow=8.4,SNR=12	S	14 47 12.2 -1.4
KIRV	Kirov	comp=Z,0.8nm,0.3s,baz=144,slow=22,SNR=1.5	LR	14 51 50.6
KIRV	Kirov	comp=Z,373nm,18.9s,baz=211,slow=38	LR	
PLN	Plauen	19.65 20 P	P	14 43 44.7 -0.8
PLN	Plauen	19.68 308 eP	Pn	14 43 48.9 +1.4
VLC	Villacoledmand	19.69 289 P	P	14 43 46.0 -0.3
FETA	Feichten	19.70 297 eP	Pn	14 43 48.6 +0.6
RETA	Reutte	19.78 299 eP	Pn	14 43 48.1 -0.4
MTSE	Matsulia	19.80 340 eP	Pn	14 43 45.7 -1.4
GRF	Grafenberg Arr	19.99 305 eP	Pn	14 43 52.3 +1.1
MOX	Moxa	20.05 308 P	Pn	14 43 53.9 +2.0
MOX	Moxa	comp=Z,10.0nm,1.5s	Pmax	
MOX	Moxa	20.05 308 eP	Pn	14 43 52.9 +1.0
MOX	Moxa	comp=Z,21nm,1.3s,baz=110,slow=11	eL	14 53 48.9
NEUB	Neuenburg	20.16 310 eP	Pn	14 43 53.6 +0.5
UBR	Ueberuhr	20.23 299 eP	P	14 43 53.0 +0.9
DAVOX	Davos/Dischmat	20.25 296 P	P	14 43 52.3 -0.1
DAVOX	Davos/Dischmat	comp=Z,8.8nm,0.8s,baz=101,slow=8.2,SNR=8.7	LR	14 52 52.1
DAVOX	Davos/Dischmat	comp=Z,8.27nm,20.7s,baz=90,slow=60	LR	
DAVOX	Davos/Dischmat	20.25 296 P	P	14 43 52.3 -0.1
DAVOX	Davos/Dischmat	20.25 4 eP	Pmax	14 43 49.6 -2.6
KLMR	Klimovskoe	20.25 4 eP	Pmax	
KLMR	Klimovskoe	20.25 4 eP	Pmax	
KLMR	Klimovskoe	comp=Z,79nm,1.2s	LQ	14 49 58.6
KLMR	Klimovskoe	comp=Z,79nm,1.2s	LQ	14 49 58.6
KLMR	Klimovskoe	comp=Z,79nm,1.2s	LR	14 51 07.8
DAVA	Damuels	20.32 298 eP	Pn	14 43 53.0 -0.1
BSD	Bornholm Skovb	20.39 322 eP	Pn	14 43 55.4 +1.7
BSD	Bornholm Skovb	20.39 322 i/P	Pmax	14 43 55.4 -0.4
BSD	Bornholm Skovb	comp=Z,3.0nm,0.5s	Pn	14 43 55.4 -0.4
BSD	Bornholm Skovb	20.39 322 i/P	Iamb	14 43 56.9
BLEU	Blekinge	20.73 326 i/P	Pn	14 43 59.0 -0.7
FLTG	Flechtingen	20.90 312 eP	Pn	14 44 01.2 -0.6
MEF	Metsahovi	20.98 343 eP	P	14 43 59.0 -1.0
HRA	Hera	21.18 99 eP	Iamb	14 44 01.7 -1.0
CLZ	Clausthal	21.21 311 eP	P	14 44 04.6 +1.9
MILB	Mittlenberg	21.23 305 eP	P	14 44 03.7 +0.8
ARU	Arti	21.24 35 P	P	14 44 01.3 -1.6
ARU	Arti	comp=Z,5.2nm,0.7s,baz=222,slow=8.2,SNR=26	LR	14 54 17.8
ARU	Arti	21.24 35 i/P	P	14 44 02.8 0.0
ARU	Arti	comp=Z,580nm,19.6s,baz=234,slow=42	PPP	14 44 30.3
ARU	Arti	comp=Z,580nm,19.6s,baz=234,slow=42	SS	14 48 02.0 -3.5
ARU	Arti	comp=Z,580nm,19.6s,baz=234,slow=42	SSn	14 48 22.0 +1.6
ARU	Arti	comp=Z,580nm,19.6s,baz=234,slow=42	SSS	14 48 44.9
ARU	Arti	comp=Z,34nm,0.9s	MLR	
ARU	Arti	21.24 35 P	Iamb	14 44 04.5 +1.7
ARU	Arti	comp=Z,398nm,15.0s	Iamb	14 44 12.5
LUNU	Lund	21.38 322 i/P	P	14 44 06.0 +1.7
LUNU	Lund	21.42 316 P	P	14 44 06.2 +1.9
NRDL	Niedersach Rie	21.61 312 eP	P	14 44 11.4 +4.7
PRGR	Permogore	21.66 12 eP	S	14 44 06.0 -1.3
PRGR	Permogore	21.66 12 eS	Pmax	14 48 02.6 -3.9
DEL	Delary	21.68 324 i/P	Iamb	14 44 10.0 +2.5
FINES	FINESS Array B	21.76 346 P	P	14 44 07.1 -1.2
FINES	FINESS Array B	comp=Z,1.1nm,0.5s,baz=155,slow=11,SNR=42	S	14 47 59.2 -9.2
FINES	FINESS Array B	comp=Z,4.8nm,0.8s,baz=161,slow=20,SNR=2.3	LR	14 54 35.3
FINES	FINESS Array B	21.76 346 P	P	14 44 07.8 -0.5
FINES	FINESS Array B	21.76 346 P	P	14 44 07.8 -0.5
FINES	FINESS Array S	21.76 346 P	P	14 44 08.2 -0.2
SHME	Shamm	21.78 125 P	P	14 44 09.5 +0.5
UMQ	Umm Al-Quwain	21.88 128 P	P	14 44 11.1 +1.2
UMQ	Umm Al-Quwain	21.88 128 P	P	14 44 11.3 +1.4
UMQ	Umm Al-Quwain	21.88 128 P	P	14 44 11.3 +1.4
BANQ	Banah	21.97 126 P	P	14 44 10.5 -0.5
SENIN	Lac Senin/Sane	21.97 125 P	Iamb	14 44 10.5 -0.5
SENIN	Lac Senin/Sane	comp=Z,26nm,0.9s	Iamb	14 44 27.9
KEST	Kesra	22.00 266 P	P	14 44 11.8 +0.4
KEST	Kesra	comp=Z,1.1nm,0.8s,baz=240,slow=2.5,SNR=7.1	LR	14 54 14.9
KEST	Kesra	22.00 266 P	P	14 44 11.4 +0.1
KEST	Kesra	22.00 266 P	P	14 44 10.7 -0.6
AAL	Aland	22.09 338 eP	P	14 44 13.7 +1.8
AJN	Ajban	22.21 313 P	P	14 44 14.7 +1.2
AJN	Ajban	22.21 313 P	P	14 44 15.5 +1.9
MZWR	Madinat Zayed	22.22 134 P	P	14 44 14.5 +0.9
MAZ	Nazwa, Dubai	22.28 129 P	P	14 44 14.5 +0.2
NZF	Esma-Masafi	22.30 127 i/P	P	14 44 15.2 +0.6
RAF	Rauna	22.32 341 eP	P	14 44 12.0 -2.3
LPL	La Plagne	22.32 292 eP	Pmax	14 44 18.5 +3.7
LPL	La Plagne	comp=Z,1.1nm,0.9s	Pmax	
ASVD	Al Ashush, Dub	22.36 130 P	P	14 44 16.3 +1.1
SVE	Sverdlovsk	22.39 36 eP	P	14 44 16.9 +1.7
SVE	Sverdlovsk	comp=Z,74nm,1.3s	Pmax	14 48 22.0 +1.4

FAQ	Al Faqa, Dubai	22.42 129 P	P	14 44 16.7 +0.9
FAQ	Al Faqa, Dubai	22.42 129 P	P	14 44 16.7 +0.9
FAQ	Al Faqa, Dubai	22.42 129 P	P	14 44 16.7 +0.9
MDH	Madha	22.43 127 P	P	14 44 16.0 +0.1
FABU	Falkenberg	22.50 324 i/P	P	14 44 19.9 +3.6
UJSS	Ujssala	22.56 395 eP	P	14 44 18.4 +1.5
UOSS	Minazif	22.63 128 P	P	14 44 17.3 -0.8
UOSS	Minazif	22.63 128 P	P	14 44 17.8 -0.3
UOSS	Minazif	22.63 128 P	P	14 44 18.1 0.0
HATD	Hatta, Dubai	22.68 128 i/P	P	14 44 19.0 +0.4
ASHO	Ashtiyah	22.74 129 i/P	P	14 44 19.5 +0.2
BORU	Boraas	22.86 326 i/P	P	14 44 22.3 +2.1
SUFU	Suimainen	22.94 348 P	P	14 44 20.9 0.0
ONAU	Onsalas	23.09 325 eP	P	14 44 25.9 +3.4
WLF	Walferdange	23.18 303 dx	x	14 44 31.1
BTNL	Ternell	23.39 305 dx	x	14 44 37.7
SOHO	SOHO	23.44 129 P	P	14 44 26.5 +0.1
SOHO	SOHO	23.44 129 P	P	14 44 27.2 +0.9
SOHO	SOHO	23.44 129 P	P	14 44 27.2 +0.9
SOHO	SOHO	23.44 129 P	P	14 44 27.2 +0.9
UMZA	Um Al Zomool	23.59 326 i/P	P	14 44 29.8 +0.4
HFS	Hagfors	24.12 331 P	P	14 44 31.7 -0.9
HFS	Hagfors	comp=Z,26nm,1.0s,baz=144,slow=11,SNR=9.6	LR	14 54 11.0
HFS	Hagfors	comp=Z,527nm,20.6s,baz=138,slow=37	LR	
BMRD	Maredsous	24.12 331 P	P	14 44 31.7 -0.9
STRU	Stroemstad	24.18 304 dPn	Pn	14 45 01.1 +2.8
SSF	Saint Sauge	24.38 327 eP	P	14 44 37.3 +2.3
SSF	Saint Sauge	24.62 296 eP	Pmax	14 44 36.6 -0.7
BIDO	Bidbid	24.86 127 P	P	14 44 41.5 +1.9
BIDO	Bidbid	24.86 127 P	P	14 44 41.5 +1.9
IUG	Iuzhnyy	24.96 76 eP	P	14 44 40.3 -0.3
IUG	Iuzhnyy	24.96 76 eP	P	14 44 40.2 -0.3
OSL	Oslo	25.12 329 eP	P	14 44 41.4 -0.3
KK31	Karatay Array	25.19 73 P	P	14 44 44.4 +1.8
KK31	Karatay Array	25.19 73 P	Pmax	
KK31	Karatay Array	25.19 73 P	Pmax	
KKAR	Karatay Array	25.19 73 P	P	14 44 44.4 +1.8
KKAR	Karatay Array	25.19 73 P	P	14 44 43.4 +0.8
KKAR	Karatay Array	25.19 73 P	P	14 44 43.4 +0.8
KKAR	Karatay Array	25.19 73 P	Iamb	14 44 48.2
NAO01	NORSAR Array S	25.64 330 eP	P	14 44 46.2 -0.1
NB2	NORSAR Subarra	25.64 331 P	P	14 44 46.1 -0.4
NB2	NORSAR Subarra	comp=Z,7.5nm,1.2s,baz=132,slow=9.9	P	14 44 46.1 -0.4
NOA	NORSAR Array B	25.64 331 P	P	14 44 46.0 -0.4
NOA	NORSAR Array B	comp=Z,3.0nm,0.7s,baz=129,slow=9.7,SNR=13	LR	14 57 31.1
NOA	NORSAR Array B	comp=Z,480nm,18.0s,baz=140,slow=43	P	14 44 46.0 -0.4
NOA	NORSAR Array B	25.64 331 P	P	14 44 47.1 -0.7
NB000	NORSAR Array S	25.80 331 P	P	14 44 48.1 +1.0
BRVK	Borovoye	25.82 50 P	P	14 44 49.1 +1.0
BRVK	Borovoye	25.82 50 P	P	14 44 49.1 +1.0
BRVK	Borovoye	25.82 50 P	P	14 44 49.1 +1.0
BVAR	Borovoye Array	25.87 50 P	P	14 44 48.9 +0.3
BVAR	Borovoye Array	comp=Z,4.0nm,0.9s,baz=250,slow=8.8,SNR=15	P	14 44 48.9 +0.3
BVAR	Borovoye Array	25.87 50 P	P	14 44 48.9 +0.3
OTL	Ortay	26.35 61 P	P	14 44 52.0 +0.4
SKAR	Skarslia	26.53 328 eP	P	14 44 58.8 +1.2
DOK	Doka	26.62 141 P	P	14 44 56.2 +0.6
JLN	Jalan Bani Bush	26.66 127 P	P	14 44 56.3 +0.3
JLN	Jalan Bani Bush	26.66 127 P	P	14 44 56.3 +0.3
MHTO	MHTO	26.71 131 P	P	14 44 56.8 +0.3
BRZS	Berezni	26.72 58 eP	P	14 44 54.8 -1.6
BRZS	Berezni	26.72 58 eP	P	14 44 54.7 -1.6
WHFO	Wadi Harif	27.05 142 P	P	14 45 00.6 +1.1
MFF	Saint Martin d	27.12 295 eP	Pmax	14 45 04.8 +4.9
ABTO	Aybut	27.33 144 P	P	14 45 02.6 +0.6
BTLs	Baital	27.56 68 eP	P	14 45 03.8 -0.1
BTLs	Baital	comp=Z,3.0nm,0.7s,baz=239,slow=9.3,SNR=14	P	14 45 03.7 +0.3
BTLs	Baital	27.56 68 eP	P	14 45 03.7 -0.1
RBK	Rabkut	27.62 142 P	P	14 45 02.7 +0.6
DMTO	DMTO	27.79 140 P	P	14 45 05.8 -0.3
NGSS	Namsos	27.83 337 eP	P	14 45 06.1 +0.1
SGDS	Sogindya	28.14 72 eP	P	14 45 07.5 -1.6
AAK	Ala-Archa	28.16 73 P	P	14 45 09.4 0.0
AAK	Ala-Archa	comp=Z,3.3nm,0.7s,baz=239,slow=9.3,SNR=14	P	14 45 09.7 +0.3
AAK	Ala-Archa	28.16 73 P	Pmax	
AAK	Ala-Archa	comp=Z,7.0nm,1.0s	Pmax	
AAK	Ala-Archa	28.16 73 P	P	14 45 09.7 +0.3
MORB	Moi Rana	28.42 341 eP	P	14 45 11.6 +0.2
TKM2	Tokmak 2	28.91 73 P	P	14 45 18.0 +1.8
FAUS	Fauske	29.21 343 eP	P	14 45 18.3 +0.1
KTK1	Kantokkeino	29.27 350 eP	P	14 45 18.9 +0.2
KUU	Kurty	29.31 70 eP	P	14 45 18.8 -0.7
KUU	Kurty	29.31 70 eP	P	14 45 18.8 -0.7
MTBS	Maitube	29.48 72 eP	P	14 45 20.6 -0.5
ARAO	ARCESS Array S	29.49 352 eP	P	14 45 20.9 0.0
ARCES	ARCESS Array B	29.49 352 P	P	14 45 20.6 -0.2
ARCES	ARCESS Array B	comp=Z,3.6nm,0.5s,baz=165,slow=9.7,SNR=38	LR	14 58 46.1
ARCES	ARCESS Array B	comp=Z,342nm,18.8s,baz=200,slow=40	LR	
ARCES	ARCESS Array B	29.49 352 P	Pmax	14 45 20.9 +0.1
ARCES	ARCESS Array B	comp=Z,8.0nm,0.8s	Pmax	
ATD	Arta Tunnel	29.56 168 LR	P	14 45 20.9 +0.1
STEI	Steigen	29.68 344 eP	P	14 45 22.5 +0.1
KSH	Kashi	29.90 79 P	P	14 45 25.1 +0.2
KSH	Kashi	29.90 79 P	pP	14 45 28.6 -0.9
KSH	Kashi	29.90 79 P	sP	14 45 31.3 -0.2
KSH	Kashi	comp=Z,640nm,17.5s	LR	
KSH	Kashi	comp=Z,410nm,15.4s	LR	
KSH	Kashi	comp=Z,610nm,18.0s	LR	
MDOK	Medeo	29.93 72 eP	P	14 45 24.8 -0.4
MDOK	Medeo	comp=Z,271nm,18.5s,baz=135,slow=39	P	14 45 34.0 +0.1
MDOK	Medeo	29.93 72 eP	P	14 45 24.7 -0.4
EKA	Eskdalemuir Ar	29.93 313 P	P	14 45 24.5 -0.3
EKA	Eskdalemuir Ar	comp=Z,0.3nm,0.4s,baz=104,slow=7.4,SNR=2.1	P	14 45 25.6 -0.1
JETT	Jettan, Norway	30.16 349		

9d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like SCQH Schefferville, QIZ Qiongzhong, USRK Ussuriysk Ar., etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like ENA Nanau, EWUT Wuta, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like YON Yonaguni jima, JISG Ishigakijima, etc.

2015 OCT

ISK 09 14:56:12.6, 40.69N, 36.72E, h8km, ML2.8/12
DDA 09 14:56:12.1, 40.68N, 36.68E, h7km, ML2.2
ISC 09 14:56:12.5, 2, 40.68N, 0.03, 36.70E, 0.03, h9km, 11km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like TOKT Tokat, KUPE Kucpek-Ladik, RSDY Resadiye-TOKAT, etc.

IDC 09 15:23:25.1, 1.7, 24.81S, 179.82E, h503km, 19km, mb3.4/11, mb1.3/5/14, mb1mx3.4/24, mbtmp4.2/14, Error ellipse: s-maj=25.7km s-min=14.8km az=155.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like MSFV Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

IDC 09 15:48:46.9, 1.2, 40.50N, 21.21E, h0km, mb3.6/8, mb1.3.8/13, mb1mx3.6/49, mbtmp3.7/13, ML3.5/5, MS3.0/4, Ms1.3.0/4, ms1mx2.5/50, Error ellipse: s-maj=18.5km s-min=17.2km az=48.0

TIR 09 15:48:49.0, 40.48N, 21.54E, h6km, 6km, Md3.5
PDG 09 15:48:49.0, 40.48N, 21.53E, h16km, 1km, ML3.5/14, Error ellipse: s-maj=0.9km s-min=0.9km az=0.0
ATH 09 15:48:49.8, 40.47N, 21.58E, h15km, 2km, ML3.5/18, Error ellipse: s-maj=2.6km s-min=1.1km az=296.0
SKO 09 15:48:49.3, 40.39N, 21.48E, h5km
THE 09 15:48:50.0, 40.48N, 21.53E, h10km, 1km, ML3.6/11, Error ellipse: s-maj=1.5km s-min=0.6km az=253.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like KZN Kozani, KZN Kozani, KZN Kozani, etc.

344

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, Res. Includes stations like NEST Nestorio, PENT Pentalofo, KBN Korca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like C4EG, DRLN, LMN, ELNB, WCNB, BATG.

IDC 09 17:04:58.0-1.5, 28.63N-105.78E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/49, mbtmp3.6/4, Error ellipse: s-maj=47.4km s-min=29.1km az=53.0, Sichuan

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

IDC 09 17:08:45.3-1.4, 8.68S-79.64W, h0km, mb3.6/5, mb1 3.9/7, mb1mx3.7/38, mbtmp3.6/7, ML3.5/2, MS3.3/4, Ms1 3.3/4, ms1mx2.9/30, Error ellipse: s-maj=52.5km s-min=13.4km az=31.0

ARE 09 17:08:49.4-3.8, 8.6S-0.1-79.7W, 0.1, h36km, 9km, Error ellipse: s-maj=0.0km s-min=0.0km az=145.0

NEIC 09 17:08:55.2-4.8, 8.1S-0.1-79.2W, 0.0, h35km, 2km, mb4.0/7, ML4.3(ARE), Error ellipse: s-maj=18.2km s-min=14.9km az=218.0

VAO 09 17:08:57.5-0.4, 8.17S-79.04W, h71km, mb4.3

ISC 09 17:08:52.4-0.7, 8.22S-108.7929W-0.07, h35km, n55, e2501/46, mb3.7/4, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CZSB, OTAV, BTBT, FLOC, ETMB, PAYG, LPAZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, ROSC, PB08, SAML, PB07.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAP2, LVC, SDV, SIV, SIV, PTGA, PTGA, PTGA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTLB, BOAV, CLDB, ITTB, NPBG, SALV, H03N2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03N1, H03N3, PP1B, MALB, AQDB, CPUP, SNDB, ITQB, PEXB, PETO1, PARB, ALF01, NBPB, TXAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDAR, ELK, NVAR, VNA3, VNA2, SNA4, TORO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N3, H1N2, H1N1, H1S2, H1S1, H1S3.

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

OTT 09 17:19:17.2-0.5, 42.16N-55.33W, h18km, ML3.5/6, Atlantic Ocean, 551km south from Grand Bank, NI, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBN, CHEG, DRLN, DRLN.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBN, CHEG, DRLN, DRLN.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LMN, ELNB, WCNB, BATG.

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

NOU 09 17:34:47.1, 32.64S-177.14W, h12km, mb5.1/30, South of Kermadec Islands

BUI 09 17:34:47.0-0.0, 32.57S-177.69W, h11km, mb5.9/6, mb5.2/14, Ms5.1/3, Ms7.4/7.3

IDC 09 17:34:48.2-0.5, 32.11S-177.79W, h0km, mb4.7/20, mb1 4.8/25, mb1mx1.7/44, mbtmp4.7/25, ML5.4/3, MS4.0/22, Ms1 4.0/22, ms1mx3.8/50, Error ellipse: s-maj=15.3km s-min=13.6km az=140.0

MOS 09 17:34:50.5-1.2, 32.29S-177.95W, h20km, mb5.2/4, Error ellipse: s-maj=12.5km s-min=11.1km az=46.3

NEIC 09 17:34:50.7-1.7, 32.19S-0.06-177.9W, 0.1, h10km, 1km, mb5.1/88, Error ellipse: s-maj=16.6km s-min=9.0km az=104.0

GCMT 09 17:34:54.7-0.3, 32.11S-0.04-177.65W, 0.02, h19km, 1km, MW5.0/79, Moment Tensor Solution, s29.c31, s79.c106; Duration: 0 Moment tensor; Scale 10^16N; Mr-3.53; 24; Mw0.05; 16; Mw3.48; 17; Mw0.28; 39; Mw0.11; 09; Mw1.24; 30; Best double couple: Mw3.73000; 10^16 NP1: 2.00000, 8.50000, -1.84000000; NP2: 0.51700000, 8.5500000, -1.94000000. Principal axes: T 3.7000, Plg10.0000, Azm267.0000; N 0.0630, Plg3.0000, Azm177.0000; P -3.7600, Plg80.0000

Azimuthal angle: nstai refers to surface waves, cutoff=40s. nstai refers to surface waves, cutoff=50s. Triangular moment-rate function, cutoff=50s.

ISC 09 17:34:52.0-3.3, 32.22S-0.05-177.93W, 0.06, h24km, n277, s1966/246, mb5.1/65, MS4.2/27.5C-2D, South of Kermadec Islands

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, CMA, VAH, ARPS, QLP, STKA, STKA.

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

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

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

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

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

PMSA	comp=Z,39nm,1.1s	Iamb	Iamb	18 34 13.1	
PMSA	Palmer Station	33.45 174	IAMs_20	IAMs_20	18 47 36.3
PMSA	comp=Z,41m,20.0s				
PMSA	Palme Station	33.45 174	eP	P	18 34 12.6 +1.5
CMCA01	Camacan, BA	33.79 69	eP	P	18 34 11.8 -1.0
MACC	Macarena, Meta	33.72 156	eP	P	18 34 22.4 +8.4
HOPE	Hope Point	33.74 342	eP	P	18 34 14.0 +0.2
HOPE	comp=Z,100nm,1.0s		mlr	pmx	
HOPE	comp=Z,21m,20.0s		MLR	MLR	
HOPE	Hope Point	33.74 142	P	P	18 34 14.0 +0.2
NOBIT	Itapeba - BA	33.90 68	eP	P	18 34 14.3 -1.3
EBAC	Barboza, Cauca	33.91 356	eP	P	18 34 25.2 +2.2
RIOB	Riobonito	33.96 351	eP	P	18 34 19.5 +2.9
MALB	Monte Alegre	33.98 33	eP	P	18 34 15.3 -0.9
TUMAC	Tumaco	33.98 348	eP	P	18 34 17.3 +1.1
PCON	Cinco Dias	34.12 352	eP	P	18 34 20.4 +2.4
POPC	Popayan, Colom	34.37 351	eP	P	18 34 31.3 +1.1
GU01	Guandú, BA	34.50 66	eP	P	18 34 19.1 -1.7
MARP	Paez Belalcaza	34.58 353	eP	P	18 34 31.9 +1.0
PAYG	Puerto Ayora	35.47 327	eP	P	18 34 29.6 +0.5
PAYG	comp=Z,84nm,1.2s		Iamb	Iamb	18 34 43.0
PAYG	comp=Z,30m,21.0s		IAMs_20	IAMs_20	18 44 59.0
BOAV	Boa Vista	35.55 20	eP	P	18 34 29.8 0.0
ORTC	Ortega, Tolima	35.56 354	eP	P	18 34 32.8 +2.9
VILC	Villavicencio	35.56 357	eP	P	18 34 33.8 +2.7
PTGC	Puerto Cabello	35.70 359	eP	P	18 34 35.0 +7.5
NBPN	Ponto Novo - B	35.80 62	eP	P	18 34 30.0 -1.7
CHIC	Chingaza	36.17 357	eP	P	18 34 36.6 +1.1
MCPB	Macapa, AP	36.33 35	eP	P	18 34 35.6 -0.8
ROSC	El Rosal	36.41 356	eP	P	18 34 37.8 +0.2
ROSC	comp=Z,15nm,0.5s,baz=336,slow=19,SNR=2.1				
ROSC	El Rosal	36.41 356	eP	pmx	18 34 37.6 0.0
ROSC	comp=Z,137nm,1.7s				
ROSC	El Rosal	36.41 356	P	Iamb	18 34 37.6 0.0
ROSC	comp=Z,137nm,1.7s				
TMAB	Tom-Au,PA,Br	36.73 42	eP	P	18 34 39.7 -0.2
GUYC	Guyana, Caldas	36.88 354	eP	P	18 34 51.9 +1.0
NORC	Norcasia	37.17 355	eP	P	18 34 43.3 -0.3
SPBC	San Pablo de B	37.21 356	eP	P	18 34 43.3 -0.3
RUSC	Rusia	37.40 358	eP	P	18 34 48.9 +1.9
RUSC	La Rusia	37.40 358	eP	P	18 34 47.8 +1.7
NBLA	Lagarto - SE	37.53 64	eP	P	18 34 44.8 -2.0
CBOC	Ciudad Bolivar	37.57 353	eP	P	18 34 57.6 +1.0
HELX	Santa Helena	37.85 354	eP	P	18 34 50.9 +1.2
TAMC	Tame, Arauca	37.92 354	eP	P	18 34 47.1 -2.9
BARC	Barichara	38.10 358	eP	P	18 34 52.8 +1.1
BRRC	Barranca, Sant	38.63 357	eP	P	18 35 01.4 +5.5
ROSB	Rosario	38.71 48	eP	P	18 34 55.8 -0.8
DBBC	Dabeiba	38.78 353	eP	P	18 34 59.5 +2.7
ZARC	Zaragoza, Cauc	39.03 355	eP	P	18 35 00.1 +0.4
NBMA	Muri - CE	39.15 59	eP	P	18 34 59.1 -1.2
UREC	San Jos de Ur	39.39 354	eP	P	18 35 03.3 +1.0
NBAN	Anadia - AL	39.52 64	eP	P	18 35 01.5 -2.0
NBPB	Pedra_Branca-C	39.81 56	eP	P	18 35 04.8 -1.0
AZU	Azuero	40.10 347	eP	P	18 35 12.8 +4.7
SMLC	San Martin de	40.33 356	eP	P	18 35 07.1 -2.5
SDV	Santo Domingo	40.37 2	eP	P	18 35 10.4 -0.2
SDV	Santo Domingo	40.37 2	eP	P	18 35 10.8 +0.1
SDV	Santo Domingo	40.37 2	eP	P	18 35 11.7 +1.0
SDV	Santo Domingo	40.37 2	eP	P	18 35 10.6 0.0
CAPC	Capurgana	40.46 351	eP	P	18 35 22.4 +1.1
CAP2	Capurgana	40.47 351	eP	P	18 35 19.9 -1.4
CAP2	comp=Z,90nm,1.3s		Iamb	Iamb	18 35 24.3
NBLV	Livramento - P	40.51 61	eP	P	18 35 10.2 -1.5
NBRF	Rio Formoso - E	41.02 64	eP	P	18 35 14.0 -1.9
NBMO	Morrinhos-CE	41.09 53	eP	P	18 35 15.4 -1.0
BCIP	Isia Barro Col	41.38 348	eP	pmx	18 35 18.3 -0.2
BCIP	comp=Z,199nm,1.8s		MLR	MLR	
BCIP	comp=Z,600nm,19.0s				
BCIP	Isia Barro Col	41.36 348	P	Iamb	18 35 18.3 -0.2
BCIP	comp=Z,199nm,1.8s				
BCIP	Isia Barro Col	41.36 348	eP	P	18 35 28.1 +1.0
ARGC	Ariquas, Magdalena	41.43 343	eP	P	18 35 19.7 +0.6
CDTO	Canoas	41.43 343	eP	P	18 35 19.7 +0.6
NBPA	Parau_RN	41.44 59	eP	P	18 35 19.1 -0.3
SJCC	San Jacinto, C	41.49 355	eP	Iamb	18 35 20.3 +0.6
SJCC	comp=Z,127nm,1.1s				
BRUZ	Volcan	41.59 344	P	Iamb	18 35 21.2 +0.5
BRUZ	comp=Z,53nm,0.8s				
NBCL	Cascavel-CE	41.65 56	eP	P	18 35 19.9 -1.1
SREA	San Rafael, Bu	42.18 343	eP	P	18 35 24.3 -0.5
DRKO	Durika	42.18 343	eP	P	18 35 25.7 +0.2
RCBR	Riachuelo	42.28 60	eP	P	18 35 25.4 -0.8
RCBR	comp=Z,36nm,1.0s		mlr	mlr	
RCBR	comp=Z,41m,18.0s				
RCBR	Riachuelo	42.28 60	eP	P	18 35 25.4 -0.8
RCBR	Riachuelo	42.28 60	eP	P	18 35 25.4 -0.8
RGMO	Gandoca	42.34 344	eP	P	18 35 26.8 +0.2
NBPV	Pedro Velho	42.34 61	eP	P	18 35 25.6 -1.1
PEZE	Perez Zeledon,	42.41 342	eP	P	18 35 26.8 -0.3
SMRC	Santa Marta, M	42.68 356	eP	P	18 35 28.1 -1.3
RIMA	Rio Macho	42.82 342	eP	P	18 35 31.3 +0.6
BATAN	Batan	43.02 343	eP	P	18 35 32.4 +0.3
CVTR	Volcan Turrial	43.04 343	eP	P	18 35 34.2 +1.5
URUC	Uribia, Colomb	43.15 360	eP	P	18 35 31.2 -1.1
JTS	Las Juntas de	43.62 341	eP	pmx	18 35 38.9 +1.9
JTS	comp=Z,25nm,1.2s				
JTS	Las Juntas de	43.62 341	P	P	18 35 38.9 +1.9
HATO	Hato, Curacao	43.71 4	eP	P	18 35 38.3 +0.6
ORTE	Ortega, Santa	43.83 340	eP	P	18 35 40.4 -1.1
COVE	Coope Vege, Sa	43.88 342	eP	Iamb	18 35 40.7 +1.7
COVE	comp=Z,159nm,1.5s				
TOPT	Speyside	44.09 16	P	P	18 35 41.2 +0.5
GRGR	Grenville	44.65 14	P	Iamb	18 35 44.6 +0.6
GRGR	comp=Z,21m,20.0s		IAMs_20	IAMs_20	18 57 26.4
MCLT	Moule a Chique	46.33 15	P	P	18 35 57.4 -1.1
MATM	Matagalpa	46.40 341	eP	P	18 35 58.4 -0.7
CRIN	San Cristobal	46.51 339	eP	P	18 35 59.6 -0.3
MPOM	Morne Pois Mar	47.06 15	P	P	18 36 03.1 -1.0
BIM	Bigot	47.09 14	P	P	18 36 03.6 -0.8
FDL	Fort de France	47.28 14	P	pmx	18 36 04.7 -1.2
FDL	comp=Z,101nm,1.0s		MLR	MLR	
FDL	Fort de France	47.28 14	P	P	18 36 04.7 -1.2
FDL	Savane Analois	47.38 14	P	P	18 36 07.9 +1.2
SVN	comp=Z,21m,22.0s		IAMs_20	IAMs_20	18 59 09.8
TGUH	Teguigalpa,Un	47.86 340	P	Iamb	18 36 11.6 +1.0
TGUH	comp=Z,78nm,1.1s				
MTOS	Monteirsto	48.88 337	P	P	18 36 20.1 +1.9
ESQJ	Esquipulas	48.94 337	P	Iamb	18 36 19.3 +0.1
ESQJ	comp=Z,48nm,1.0s				
ICMP	Isia Caja de M	49.56 7	P	P	18 36 23.0 -0.4
MLPR	Maguwayes Islan	49.56 7	P	P	18 36 23.5 -0.1
CLRP	Cabo Rojo, PR	49.62 6	P	P	18 36 24.0 +0.1
OBIP	Obispado Ponce	49.70 6	P	P	18 36 24.1 -0.4
PDPB	Patillas Dam,	49.74 7	P	P	18 36 24.4 -0.4
SJG	San Juan	49.82 7	P	pmx	18 36 24.0 -1.4
SJG	comp=Z,66nm,0.8s		MLR	MLR	
SJG	comp=Z,800nm,20.0s				
SJG	San Juan	49.82 7	P	P	18 36 24.0 -1.4
SJG	San Juan	49.82 7	P	P	18 36 25.7 -0.8
BANI	BANI	49.82 2	P	P	18 36 25.9 +0.3
MTP	Monte Pirata	49.87 8	P	P	18 36 23.6 -2.2
MTP	comp=Z,30nm,0.9s		Iamb	Iamb	18 36 26.1
HUMP	Col San Isian	49.88 7	Iamb	Iamb	18 36 26.3

SDD	Santo Domingo	49.90 2	P	P	18 36 26.6 +0.6
AOPR	Arecibo Observ	49.99 6	P	Iamb	18 36 25.3 -1.4
AOPR	comp=Z,87nm,1.3s				
GCPR	Guaynabo City	50.02 7	P	Iamb	18 36 25.7 -1.3
GCPR	comp=Z,43nm,0.9s				
SDDR	Presa de Saban	50.39 1	P	Iamb	18 36 29.9 +0.1
SDDR	comp=Z,26nm,0.9s				
VNA3	Neumayer Olymp	51.41 159	P	P	18 36 37.3 +0.4
GTBY	Guantanamo Bay	51.43 356	P	Iamb	18 36 38.4 +0.9
GTBY	comp=Z,65nm,1.1s				
VNA1	Neumayer-Stat	51.71 158	P	P	18 36 39.7 +0.6
VNA2	Neumayer-Watz	52.05 158	P	P	18 36 41.7 0.0
VNA2	baz=288,slow=8.6				
SNA4	Sanae	53.63 158	P	P	18 36 53.4 0.0
SNA4	Sanae	53.63 158	P	pmx	18 36 53.5 +0.1
SNA4	comp=Z,90nm,1.1s				
SNA4	comp=Z,800nm,20.0s		MLR	MLR	
SNA4	Sanae	53.63 158	P	Iamb	18 36 53.5 +0.1
SOR	Soroca	55.24 347	Iamb	Iamb	18 37 08.3
RKT	Rikitea	56.08 262	eT	T	19 37 51.7
RKT	comp=Z,10nm,0.3s				
UNM	Universidad Na	57.14 329	IAMs_20	IAMs_20	18 56 43.2
UNM	comp=Z,30m,19.8s				
QSPA	South Pole Qui	58.53 180	P	P	18 37 29.2 +0.6
DWPF	Disney Wildern	60.18 350	P	P	18 37 40.8 +0.7
DWPF	baz=170				
TIGA	Tifton	63.78 349	P	P	18 38 04.8 +0.6
TIGA	Tifton	63.78 349	P	P	18 38 04.8 +0.6
TIGA	baz=169				
255A	Hazelhurst	64.09 350	Iamb	Iamb	18 38 07.9
255A	comp=Z,38nm,0.9s				
BRAL	Brewster	64.18 345	P	P	18 38 07.5 +0.6
BRAL	baz=166				
250A	Grady	64.80 346	Iamb	Iamb	18 38 12.6
250A	comp=Z,35nm,0.9s				
346A	Big Creak Wild	64.94 343	P	P	18 38 13.2 +1.4
346A	New Hope	64.94 352	P	P	18 38 13.3 +1.5
346A	baz=172				
152A	Waverly Hall	65.18 348	Iamb	Iamb	18 38 15.6
833A	Charal WMA,	65.22 333	P	P	18 38 16.1 +2.3
833A	baz=154,SNR=14				
344A	Westbrook Farm	65.33 342	Iamb	Iamb	18 38 56.1
344A	comp=Z,39nm,0.8s				
HKT	Hockley	65.43 337	P	pmx	18 38 14.5 -0.5
HKT	comp=Z,26nm,1.5s				
SACV	Santiago Islan	65.47 52	P	P	18 38 15.3 -0.4
GODFR	Godfrey	65.69 349	Iamb	Iamb	18 38 18.2
GODFR	comp=Z,34nm,0.9s				
GOGA	Godfrey	65.69 349	P	P	18 38 17.2 +0.6
GOGA	baz=169,SNR=16				
Y57A	Sumter	65.87 352	P	P	18 38 18.8 +1.0
LRAL	Lakeview Retre	65.97 346	P	P	18 38 19.1 +0.7
LRAL	comp=Z,2.7nm,1.0s,baz=299,slow=4.6,SNR=5.8				
VBMS	Vicksburg	66.00 343	P	P	18 38 20.5 +1.9
VBMS	baz=163				
Y52A	Lilburn	66.23 349	P	P	18 38 20.9 +0.7
JSC	Jenkinsville	66.23 351	Iamb	Iamb	18 38 22.0
JSC	comp=Z,44nm,0.9s				
HODGE	Hodges	66.32 351	Iamb	Iamb	18 38 22.5
HODGE	comp=Z,20nm,0.8s				
Z47A	Carrollton	66.36 345	Iamb	Iamb	18 38 23.0
Z47A	comp=Z,48nm,0.8s				
VNDA	Vanda	66.39 191	P	P	18 38 20.8 0.0
VNDA	comp=Z,4.8nm,0.9s,baz=138,slow=5.7,SNR=15				
VNDA	LR				19 03 49.9
VNDA	comp=Z,253nm,19.0s,baz=138,slow=33				
VNDA	comp=Z,2.7nm,1.0s,baz=299,slow=4.6,SNR=5.8				
VNDA	Vanda	66.39 191	P	pmx	18 38 22.4 +1.6
VNDA	comp=Z,10.0nm,1.1s				
VNDA	Vanda	66.39 191	P	P	18 38 22.4 +1.6
BIRD	Birdtown, Kers	66.50 352	Iamb	Iamb	18 38 23.6

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GNI, BELG, KIRV, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KSH, BOD, MJAR, etc.

PDG 09 18:44:02.6:0.0:1.70N:19.70E,h8km,ML2.5/14, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TIR, DRME, etc.

IDC 09 18:46:55.0:2.6:6.4AS:129.81E,h139km,30km,mb3.6/3, mb1 3.8/7, mb1mx3.4/42, mbtmp4.1/7, Error ellipse: s-maj=4.3km s-min=16.2km az=76.0

NEIC 09 18:46:56.7:2.4:6.4AS:0.07:1.00:0E:0.1, h159km, 11km, mb4.2/9, Error ellipse: s-maj=15.0km s-min=9.3km az=110.0

ISC 09 18:46:55.0:2.6:6.46S:0.05:130.02E:0.07,h150km,n30, az=233/7,mb4.0/5,Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FAKI, SWI, etc.

IDC 09 18:37:29.3:3.5:31.775x176.99W,h0km,mb4.0/2, mb1 4.2/3,mb1mx3.7/40,mbtmp4.0/3,ML3.9/1 Error ellipse: s-maj=80.6km s-min=47.9km az=121.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like URZ, ASAR, etc.

SKO 09 18:43:51.9:4.1:85N:19.13E,h118km RHSSO 09 18:44:02.8:0.8:4.1:69N:19.73E,h6km,3km,ML2.4/8

9d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSA00, Pibbara Seismi, CTAO, etc.

DJA 09 18:47:06.5±2.0, 3°S, 18°13'6E±1'2, h10km, M4.1/4, MLv4.1/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SRPI, Serui, Papua.

ISC 09 19:02:36.8±1.2, 31°09'S, 72°42'W, h0km, mb3.8/2, mb1 3.8/7, mb1mx3.8/31, mbtmp3.9/5, ML2.9/3, Error ellipse: s-maj=45.3km s-min=30.0km az=105.0

ISC 09 19:02:38.4±1.0, 31°11'S, 0°1'x2°74'W±0.3, h10km, n14, r1911/12, Off coast of central Chile

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

ISC 09 19:03:46.3±1.3, 43°30'N, 0°05'105°22'W±0.6, h0km, 2km, ML3.3/70, Error ellipse: s-maj=8.4km s-min=6.8km

ISC 09 19:03:45.2±0.9, 43°31'N, 0°06'105°22'W±0.6, h0km, n73, r1507/72, mb3.8/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSSD, Black Hills, K22A, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YHL, comp=E, 22nm, 0.7s, AHID, etc.

ISC 09 19:14:34.9±1.7, 48°16'N, 154°35'E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.2/51, mbtmp3.3/77, ML2.9/3, Error ellipse: s-maj=174.5km s-min=27.8km az=113.0

KRSC 09 19:14:43.2±1.9, 48°34'N, 156°51'E, h16km, 33km, ML4.1

ISC 09 19:14:41.4±1.7, 48°7'N, 0°1'x155°9E±0.3, h50km, n28, r1560/12, Kuril Islands

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

ISC 09 19:15:53.3±0.4, 43°53'N, 9°64'W, h0km, mb3.9/2, mb1 3.7/6, mb1mx3.3/48, mbtmp3.5/6, ML3.5/4, MS4.5/1, Mst1 4.5/1, ms1mx3.1/42, Error ellipse: s-maj=53.5km s-min=21.5km az=71.0

SFS 09 19:17:0.0, 43°51'N, 9°65'W, ML3.2, ATLANTICO GALICIA

LDG 09 19:17:5.0±0.4, 43°63'N, 9°79'W, h10km, M3.8/38, Error ellipse: s-maj=3.4km s-min=2.5km az=16.0

MDD 09 19:18.6±1.8, 43°49'N, 9°61'W, h17km, 9km, mbLg3.6/35, Error ellipse: s-maj=11.6km s-min=6.3km az=108.0, PRYMO

MDD EMS: II INTENSIDAD MAXIMA

IGIL 09 19:30:19.7, 43°52'N, 9°65'W, h21km, ML2.9

INMG 09 19:30:20.4±1.4, 43°47'N, 9°59'W, h13km, 4km, MD3.3, ML3.3, Error ellipse: s-maj=4.9km s-min=3.5km az=88.0

ISC 09 19:30:15.5±1.0, 43°54'N, 0°04'9°64'W±0.6, h10km, n187, r271/282, 4D, Spain

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

356

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

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

IDC 09 19:34:07.8:1.1, 31.925:72.24W, h0km, mb3.7/3, mb1 3.9/6, mb1mx3.7/23, mbtimp3.6/6, ML3.4/3, MS3.3/1, Ms1 3.3/1, ms1mx2.9/18, Error ellipse: s-maj=52.5km s-min=23.1km az=79.0

NEIC 09 19:34:09:1.5, 31.745:0.03:72.3W:0.1, h14km, 8km, mb3.9/2, Mwr4.1/38, ML3.9(GUC), Error ellipse: s-maj=14.1km s-min=4.9km az=94.0

NEIC 09 19:34:09:31.715:72.22W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr: 1.33; Mxx-0.26; Myy-1.07; Mzz-0.11; Mxy-0.66; Mxz-1.15; Fault plane solution: Mo:1.81000x10^15; NP1:ns194.31000x; s65.27000x; lambda:76.39000x; NP2:ns44.37000x; s28.01000x; lambda:117.06000x; Principal axes: T:1.8049, Plg7.0000x; Azm79.0000x; N:0.0056, Plg12.0000x; Azm200.0000x; P: -1.8105, Plg19.0000x; Azm294.0000x;

GUC 09 19:34:10.1:0.6, 31.755:72.08W, h34km, 3km, ML3.9, ISC 09 19:34:07.8:1.5, 31.745:0.03:72.20W:0.07, h2km, 10km, n57, r1932/60, mb3.8/3, 5C-1D, Off coast of central Chile

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Capatipico, Fray Jorge, Santo Domingo, etc.

ZALV Zalesovo Beam 152.37 30 PKPbc PKPbc 19.54 04.5 -0.4

comp=Z,0.5nm,0.5s,baz=298,slow=3.1,SNR=3.8

OTT 09 19:56:56.5:0.4, 42.19N:55.39W, h18km, ML3.7/9, Atlantic Ocean. 547km south from Grand Bank, NI, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GBN Gaysborough, CHEG Cheticamp, HAL Halifax, etc.

TAP 09 20:10:56.8:23.51N:121.60E, h43km, ML3.5/C, JMA 09 20:10:56.5:0.1, 23.49N:121.51E, h45km, 2km, M2.9, ISC 09 20:10:57.4:0.9, 23.49N:121.60E:0.02, h32m, 6km, n103, r1902/175, 9C-5D, Taiwan

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like HGSD Ruisui, EGFD Guangfu, EYUL Yuli, etc.

TYC baz=301 eS Sb 20 11 22.6 -0.7

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LDUT Ludao, LDUT Ludao, LDUT Ludao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like NWLT, EAST, NTC, etc.

BGR 09 20:29:51.2, 0.0, 27.41N, 86.46E, h10km, mb4.9
IDC 09 20:29:54.8, 0.5, 28.88N, 86.52E, h0km, mb4.4/23,
mb1 4.5/26, mb1mx4.5/35, mbtmp4.4/26, ML3.7/3, MS3.7/14,
Ms1 3.7/14, ms1mx3.4/45, Error ellipse: s-maj=15.5km
s-min=11.8km az=37.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like GUN, KUN, PKI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like HYB, KSH, TARG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like HRA, PALK, KURBB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SENIN Lac Senin/Sane, LPL La Plagne, VOI Vohitsoka, BNI Bardonecchia, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRNET 09 20:35:33.4, NNC 09 20:35:34.6, TRKS Terek-Say, TAS Tashkent, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAWZ Paruwai Farm, MSWZ Moikau Station, TCW Tary Channel, BHW Baring Head, etc.

9d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, UGM Wanaqama, SOEI Soe, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

UDC 09 21:57:51.0, 1.8, 36.54N, 98.65W, h0km, mb1 3.8/3, mb1mx3.4/48, mbtmp3.5/3, ML4.0/2, Error ellipse: s-maj=29.0km s-min=11.6km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Z35A Perchaven, San Gravette, HHAR Hobbs, ABTX Abilene, Hawle, KSCO Kaye Shedlock, etc.

362

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR White River, O20A White River, HDIL Hopedale, etc.

UDC 09 22:05:11.4, 2.1, 33.68N, 140.59E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.2/66, mbtmp3.4/3, ML2.3/1, Error ellipse: s-maj=32.6km s-min=24.1km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA 09 22:05:14.3, 0.1, 33.94N, 140.39E, h36km, M3.0, etc.

UDC 09 22:18:13.2, 1.3, 30.64S, 71.43W, h0km, mb3.9/4, mb1 3.9/9, mb1mx3.8/26, mbtmp3.9/9, ML3.8/5, MS3.4/3, MS1 3.4/3, ms1mx3.1/28, Error ellipse: s-maj=33.5km s-min=23.7km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 09 22:18:20.0, 2.3, 30.64S, 71.53W, h44km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC 09 22:18:19.5, 0.7, 30.61S, 71.40W, h55km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Pedregal, Las Campanas, Catapilco, San Esteban, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Taurewa, West Tongariro, Pokaka, Karewarewa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTAO, DZM, EIDS, ARMA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI ARR, SONGINGO ARRAY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI ARR, SONGINGO ARRAY, etc.

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

10d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pinedale Array, Boulder Array, Long Hollow, etc.

NNC 09 23:33:27.9 ± 1.0, 39°38'N; 75°09'E, h11km, 5km, mb3.7, nrv0.3, Error ellipse: s-maj=7.0km s-min=6.1km az=11.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Osh, Aral, etc.

2015 OCT

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

ICD 09 23:39:02.1 ± 2.0, 32°53'S; 178°52'W, h0km, mb4.5/3, mb1 4.6/4, mb1mx4.0/25, mbtmpr4.4/4, ML3.5/1, MS3.6/5, Ms1 3.6/5, ms1mx3.1/39, Error ellipse: s-maj=49.6km s-min=31.6km az=128.0

NEIC 09 23:39:03.0 ± 1.7, 32°63'S; 0°09'178.3W; 0.2, h10km, 2km, mb4.5/13, Error ellipse: s-maj=30.1km s-min=12.3km

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

364

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

IDC 09 23:53:43.3 ± 1.4, 0°95'N; 125°88'E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/35, mbtmpr4.0/4, Error ellipse: s-maj=163.4km s-min=20.5km az=65.0

NEIC 09 23:53:50.2 ± 3.1, 1°4N; 0°1'127.1E; 0°08, h62km, 12km, mb4.2/11, Error ellipse: s-maj=16.5km s-min=11.9km az=179.0

ISC 09 23:53:49.7 ± 0.9, 1°3N; 0°1'127.0E; 0°08, h50km, n19, s=1620, mb4.0/3, Northern Molucca Sea

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

UPA 10 00:14:07.7 ± 0.4, 8°93'N; 77°33'W, h25km, 6km, MW3.9, RSNC 10 00:14:08.9 ± 0.8, 8°94'N; 77°39'W, h17km, 5km, ML2.4

ISC 10 00:14:08.3 ± 1.3, 8°93'N; 0°07'77.38'W; 0.03, h24km, 10km, n14, s=1232/3, Panama-Colombia border region

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

TUL 10 00:20:20.1 ± 0.36, 8°4N; 0°03'97.82'W; 0.06, h6km, 7km, ML3.4, mb, Lg3.4/128(NEIC), Error ellipse: s-maj=7.6km s-min=2.7km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station data for Oklahoma City, Kansas State, and various other locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station data for various locations like Anamosa, Pilot Farm, and many others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station data for various locations like SKHL, MOS, JMA, and many others.

10d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nonsavu, Urewera, Charters Tower, etc.

SOME 10 01:22:59.1, 40.42N, 173.38E, h0km
KRNET 10 01:23:00.4, 0.1, 40.40N, 173.34E, h12km, mb,2.9
NNC 10 01:23:03.0, 1.3, 40.50N, 173.35E, h0km, mb,3.6, mpv,3.2,
Error ellipse: s-maj=10.6km s-min=5.0km az=171.0

ISC 10 01:22:58.6, 1.0, 40.40N, 173.36E, h10km, n52,
e1520/82, 26C-12D, Kyrgyzstan

Main table of station data for the 10d 1h period, including stations like Sufi-Kurgan, Osh, Aral, Almayashu, etc.

2015 OCT

Table of station data for 2015 OCT, including stations like Borolday, Tian-Shan, Medeo, etc.

NEIC 10 01:23:32.7, 0.5, 37.22N, 102.97W, 0.01, h5km, 3km,
Error ellipse: s-maj=2.5km s-min=1.3km az=168.0
ANF 10 01:23:32.9, 0.5, 37.22N, 98.00W, h7km, ML3, 7.9, Error
ellipse: s-maj=4.8km s-min=4.2km az=65.0

ISC 10 01:23:32.2, 0.8, 37.25N, 103.98W, 0.03, h10km, n60,
e095/34, Kansas

Main table of station data for 2015 OCT, including stations like Winter Ranch, Sooner Cattle, etc.

366

Table of station data for 366, including stations like Junction City, Carbondale, SIUC, etc.

NAO 10 01:39:27.4, 0.9, 67.17N, 20.86E, ML2.7
DNK 10 01:39:27.6, 0.4, 67.18N, 20.64E, h0km, ML2.9(UPP),
Suspected explosion
HEL 10 01:39:28.0, 1.6, 67.19N, 20.68E, h1km, ML2.3,
ML2.8(UPP), Confirmed Induced event
IDC 10 01:39:28.4, 0.9, 67.14N, 21.05E, h0km, mb 1.3, 3/5,
mb1mx3.1/63, mbtmp,3/5, ML2.7/5, Error ellipse:
s-maj=14.3km s-min=8.1km az=109.0

HEL 10 01:39:28.2, 67.20N, 20.69E, h1km, ML2.3, Confirmed
Induced event
BER 10 01:39:29.4, 2.6, 67.13N, 20.79E, h0km, ML2.1,
ML2.7(NAO), Confirmed Induced event
ISC 10 01:39:26.7, 0.7, 67.12N, 102.02E, h0km, n46,
e136/83, 3D, Sweden

Main table of station data for 366, including stations like Masugnsby, Ertsjaerv, Kuravaara, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NB2, NB2 NORSAR Subarra, NB2, NOA, NOA NORSAR Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like PMRV, PMRV Marv??o, PMRG, PMRG Montargil, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NJ2, Nanjing, ZALV, Zalesovo Beam, etc.

CNRM 10 01:41:55.4, 3576N; 4.57W, h95km, ml1.6
INMG 10 01:41:56.3, 0.9, 35.80N; 4.72W, h31km, ML1.7, Error ellipse: s-maj=1.9km s-min=2.2km az=75.0

IDC 10 01:48:38.7, 0.8, 27.19N; 88.62E, h0km, mb4.1/15, mb1.4/217, mb1mx4.0/51, mbmp4.1/17, ML4.2/2, MS3.2/1, Ms1.3/4.1, ms1mx2.7/41, Error ellipse: s-maj=29.5km s-min=14.8km az=52.0

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4
ZEI 39.31 305 eP P 01 56 11.3 +1.4

MOS 10 01:48:42.7, 0.8, 27.31N; 88.75E, h39km, mb4.7/14, Error ellipse: s-maj=13.7km s-min=5.1km az=125.3

MOS 10 01:48:42.7, 0.8, 27.31N; 88.75E, h39km, mb4.7/14, Error ellipse: s-maj=13.7km s-min=5.1km az=125.3

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4

BUI 10 01:48:44.3, 0.0, 27.35N; 88.79E, h53km, mb4.8/16, mb4.4/22, Ms3.9/6, Ms7.3/8.6

BUI 10 01:48:44.3, 0.0, 27.35N; 88.79E, h53km, mb4.8/16, mb4.4/22, Ms3.9/6, Ms7.3/8.6

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4

NDI 10 01:48:45.4, 2.8, 27.23N; 88.65E, h14km, 6km, ML3.9, mb4.3(NEIC)

NDI 10 01:48:45.4, 2.8, 27.23N; 88.65E, h14km, 6km, ML3.9, mb4.3(NEIC)

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4

NEIC 10 01:48:45.6, 1.3, 27.3N; 0.2:88.8E; 0.1, h48km, 7km, mb4.3/27, Error ellipse: s-maj=26.9km s-min=8.9km az=211.0

NEIC 10 01:48:45.6, 1.3, 27.3N; 0.2:88.8E; 0.1, h48km, 7km, mb4.3/27, Error ellipse: s-maj=26.9km s-min=8.9km az=211.0

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4

ISC 10 01:48:43.3, 0.8, 27.22N; 0.0:88.63E; 0.04, h30km, 5km, n140, r165/142, mb4.4/41, MS3.7/4, 15C-7D, Sikkim

ISC 10 01:48:43.3, 0.8, 27.22N; 0.0:88.63E; 0.04, h30km, 5km, n140, r165/142, mb4.4/41, MS3.7/4, 15C-7D, Sikkim

ZEI Tsey 39.31 305 eP P 01 56 11.3 +1.4

Code Station Name Az AZ Phase ID Op ISC Time Res h m s ISC

Code Station Name Az AZ Phase ID Op ISC Time Res h m s ISC

Code Station Name Az AZ Phase ID Op ISC Time Res h m s ISC

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ECEU, ECEU Ceuta, SMIR, SMIR Smir Dam, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like LSA, LSA Lhasa, SHL, SHL Shillong, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NJ2, Nanjing, ZALV, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PABE Paberze, VTS Vitohsa, DRGR Paberze, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISK 10 01:55:02.0,38:38N:32.41E, LADK Ladik-KONYA, etc.

10d 02:04:53.7,9.7,24S:104.97E, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.6/21, mbtmp3.8/4, Error ellipse: s-maj=168.3km s-min=43.2km az=143.0

DJA 10 02:04:57.1,2.7,7.4S:4.10E, h21km, M4.2/15, mb4.2/4, MLV4.2/15

ISC 10 02:04:58.1,2.2,7.08S:0.08:105.19E:0.06, h24km, 1.6km, n28, o686/30, mb3.6/4, Jawa

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBJI Serang, SKJI Sukabumi, DBJI Dramaga, etc.

10d 02:34:13.6,0.9,21.28S:68.08W, h15km, 14km, mb1.3/4, mb1mx3.3/21, mbtmp3.8/4, Error ellipse: s-maj=27.7km s-min=10.4km az=110.0

GUC 10 02:34:14.1,0.7,21.21S:68.45W, h120km, 5km, ML3.9

VAO 10 02:34:14.3,0.5,21.20S:68.15W, h120km, 4km, mb4.2

ISC 10 02:34:13.0,0.7,21.16S:0.04:68.33W:0.07, h122km, 10km, n54, o1918/65, 9C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB01 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HMBC Humberstone, TA01 Diego Aracena, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTBL Pontes e Lacer, CPUP Villa Florida, etc.

ISC 10 02:50:45.1,12.0,24.50S:179.84W, h503km, 84km, mb3.2/3, mb1.3/4, mb1mx2.9/25, mbtmp4.1/4, Error ellipse: s-maj=208.3km s-min=30.0km az=142.0

ISC 10 02:50:43.5,3.1,24.66S:0.3x:179.6W:0.4, h500km, n6, o55/6, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonavsu, CTA Charters Tower, ASAR Alice Springs, etc.

ISC 10 02:55:48.9,35.32N:35.41E, h15km, ML2.4/16

DDA 10 02:55:50.5,35.33N:35.37E, h9km, 4km, ML2.5

JRBL 10 02:55:51.6,0.3,35.19N:35.28E, h16km, 2km, MD3.4

Gll 10 02:55:52.8,0.0,34.99N:35.55E, h6km, Mm2.4/2

ISC 10 02:55:48.1,1.1,35.30N:0.02:35.46E:0.03, h15km, 10km, n45, o1909/65, Jordan-Syria region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YAYL Yayladag, EREN Erenkoy, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KERG Andrin, CMRD Camardi-Nigde, KMRS Kahramanmaras, etc.

10d 03:05:42.5,1.9,5.82S:154.41E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.6/43, mbtmp3.6/5, Error ellipse: s-maj=85.5km s-min=31.2km az=127.0, Bougainville-Solomon Islands region

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

MAN 10 03:07:20.8,6.99N:126.92E, h12km, mb4.9, ML3.8, MS3.8

10d 03:07:23.3,2.1,7.10N:126.93E, h60km, 19km, mb3.9/16, mb1.4/0.16, mb1mx3.9/42, mbtmp4.2/16, MS3.4/9, Ms1.3/4.9, ms1mx3.1/40, Error ellipse: s-maj=23.5km s-min=11.7km az=81.0

NEIC 10 03:07:23.0,1.9,7.07N:0.08:127.05E:0.08, h54km, 6km, mb4.5/25, Error ellipse: s-maj=12.4km s-min=10.5km az=148.0

ISC 10 03:07:20.5,0.5,7.07N:0.05:127.14E:0.07, h35km, n55, o1568/60, mb4.3/23, MS3.4/3, 3C-2D, Philippine Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIPH Bislig, DAV Davao City (W), DAV Davao City (E), etc.

ISC 10 02:55:48.9,35.32N:35.41E, h15km, ML2.4/16

DDA 10 02:55:50.5,35.33N:35.37E, h9km, 4km, ML2.5

JRBL 10 02:55:51.6,0.3,35.19N:35.28E, h16km, 2km, MD3.4

Gll 10 02:55:52.8,0.0,34.99N:35.55E, h6km, Mm2.4/2

ISC 10 02:55:48.1,1.1,35.30N:0.02:35.46E:0.03, h15km, 10km, n45, o1909/65, Jordan-Syria region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBO Warrungarra Arr, WRA Warrungarra Arr, WBS2 Warrungarra Arr, etc.

10d 5h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWVZ Taurewa, TOZ Tahuroa Road, etc.

NNC 10 04:09:41.5:0.3,44:72N:79:65E, h0km, mb4.0, mpv4.0, Error ellipse: s-maj=2.3km s-min=1.7km az=67.0

Main table of station data for the 10d 5h period, listing station codes, names, coordinates, and observation times.

2015 OCT

Table of station data for 2015 OCT, including stations like KUW Kurty, KUU Kurty, MKU1 Makanchi Array, etc.

OTT 10 04:13:49.9:0.4,42:18N:55:41W, h18km, ML3.7/10, Atlantic Ocean. 548km south from Grand Bank, NI, North Atlantic Ocean

Main table of station data for the 2015 OCT period, listing station codes, names, coordinates, and observation times.

CNRM 10 05:05:28.9, 37:08N:4:17W, h0km, ml3.2, MDD 10 05:05:29.9:0.3, 37:08N:4:13W, h9km, 1km, mbl3.6/62, Error ellipse: s-maj=3.2km s-min=2.6km az=162.0, PRXIMO MDD EMS: III-IV INTENSIDAD MAXIMA. INMG 10 05:05:30.5:1.5, 37:05N:4:15W, h6km, 2km, ML3.7, Error ellipse: s-maj=1.7km s-min=1.3km az=16.0

370

Main table of station data for the 370 period, listing station codes, names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Z35A, 352A, MIAR, WNOK, etc.

IDC 10 05:32:18.8±0.0, 2.42S:138.77E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.2/3, mbtmp3.2/3, ML2.7/1, Error ellipse: s-maj=199.8km s-min=32.6km az=87.0, lrian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA, ASAR, MKAR.

IDC 10 05:57:48.5±0.0, 48.82N:107.14E, h0km, mb3.7/7, mb1 3.8/11, mb1mx3.7/48, mbtmp3.7/11, ML3.0/4, MS3.2/10, Ms1 3.2/10, ms1mx2.9/22, Error ellipse: s-maj=17.8km s-min=11.2km az=113.0

BYKL 10 05:57:49.0±0.2, 48.83N:107.08E MOS 10 05:57:49.7±0.9, 48.82N:107.15E, h18km, mb4.3/3, Error ellipse: s-maj=13.8km s-min=8.4km az=90.6

ISC 10 05:57:49.8±0.5, 48.77N:107.13E, h10km, n62, c234/120, mb3.8/8, MS3.2/5, 2C-1D, Mongolia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Ulanbaatar, SONM, HRMR, ZAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BGT, Ivanovka, Khapcheranga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NIZ, KMO, MKAR, etc.

Table with columns: ID, Name, Time, Status, Location, and other details. Includes entries like IPBC Station P, IROC Station P, and various locations like Copiap, Villa Florida, etc.

Table with columns: ID, Name, Time, Status, Location, and other details. Includes entries like EI Rosal, GUY2C, RUSC, and various locations like San Pablo de B, La Rusia, etc.

Table with columns: ID, Name, Time, Status, Location, and other details. Includes entries like OUK, YNE, TZRR, BZSA, and various locations like Ouakimene, Yellowstone No, etc.

Table with columns: HHC, comp=E, 400nm, 21.6s, LR, LR, PKP, PKPdf, 06 20 08.9 +0.6, etc.

IDC 10 06:04:50.4-0.8, 14.69N, 120.45E, h0km, mb4, 1/15, mb1 4.2/15, mb1mx4.0/53, mbtmp4.1/15, MS3.1/2, s-min=3.2, ms1mx2.7/34 Error ellipse: s-maj=52.0km s-min=16.2km az=63.0

MAN 10 06:04:56.8, 14.57N, 119.76E, h19km, mb5.1, ML4.1, MS3.1

Main table for 375 with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

IDC 10 06:29:16.9-7.8, 32.69N, 47.64E, h0km, mb3.9/7, mb1 3.9/8, mb1mx3.7/39, mbtmp3.9/8, ML3.8/1, MS3.1/1, Ms1 3.1/1, ms1mx2.3/39 Error ellipse: s-maj=143.3km s-min=30.7km az=12.0

ISN 10 06:29:16.5-0.6, 32.66N, 47.67E, h6km, 3km, ML3.3 TEH 10 06:29:18.1, 32.71N, 47.68E, h8km, ML3.7 THR 10 06:29:18.4-0.8, 32.62N, 47.62E, h14km, 8km, ML3.6

ISC 10 06:29:18.1-1.2, 32.61N, 0.003, 47.63E, h12km, 9km, n70, r1907.6, mb3.87, Iran-raq border region

Main table for 375 (continued) with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

Table for 2015 OCT (continued) with columns: GHVR, GHOM, IQOM, Kolanj, etc.

IDC 10 07:17:21.2-4.1, 21.52S, 173.60E, h72km, 27km, mb3.6/5, mb1 3.9/7, mb1mx3.7/39, mbtmp4.0/7, MS3.7/6, Ms1 3.7/6, ms1mx3.3/32, Error ellipse: s-maj=115.4km s-min=15.2km az=151.0

ISC 10 07:17:14.0-0.9, 22.5S, 0.2, 174.04E, 0.10, h35km, n18, r1506173, mb3.95, MS3.7/4, Southeast of Loyalty Islands

Main table for 2015 OCT (continued) with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

BUI 10 07:31:06.0-0.0, 9.19S, 105.169, h265km, mb5.2/25, mb4.9/41 MOS 10 07:31:06.9-0.9, 9.06S, 169.48E, h269km, mb5.2/27, Error ellipse: s-maj=9.4km s-min=8.9km az=154.7

NEIC 10 07:31:07.6-1.3, 19.07S, 0.07, 169.52E, 0.09, h257km, 2km, mb5.1/85, Error ellipse: s-maj=12.1km s-min=9.8km az=105.0

NOU 10 07:31:07.9, 9.16S, 169.49E, h258km, mb5.3/84, Vanuatu Islands

IDC 10 07:31:07.5-0.9, 9.19S, 169.49E, h261km, 7km, mb4.5/18, mb1 4.7/21, mb1mx4.6/26, mbtmp5.2/21, Error ellipse: s-maj=10.3km s-min=9.1km az=144.0

GCMT 10 07:31:08.6-0.4, 19.06S, 0.03, 169.37E, 0.03, h262km, 3km, MW5.2/59, Moment Tensor Solution. s36,c41; s59,c77; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.23±.31; Mw5.2±.27; Mww-6.4±.27; Mm3.82±.34; Mw1.12±.35; Mw2-0.5±.29; Best double couple: Mw7.11400±1016 NP1: 35.00000°, 563.00000°, 162.00000°. NP2: 65.133.00000°, 574.00000°, 128.00000°. Principal axes: T 7.5600, P1g331.0000, Azm357.0000; N -0.8910, P1g550.0000, Azm160.0000; P -6.6690, P1g8.0000, Azm262.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 07:31:06.2-0.3, 19.06S, 0.05, 169.56E, 0.05, h250km, n493, r1918/496, mb5.1/99, 49C-111D, Fluid plane solution: NP1: 35.328, 53290, 887.84322, -4.47, 0.8539. NP2: 65.60, 85088, 542.95825, -176.83423. Principal axes: T P1g29.3988, Azm24.9845; N P1g42.8769, Azm146.5290; P P1g32.9637, Azm273.5525; Vanuatu Islands

Main table for 2015 OCT (continued) with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

Main table for 10d 7h with columns: DZM, DZM, DZM, DZM, etc.

ARMA	comp=Z,41nm,1.5s	IAMB	IAMB	09 12 29.4
CNB	Canberra Magne baz=47, SNR=6.2	46.82 132	P	09 12 25.3 -0.5
GTA	Gaotai	47.89 352	P	09 12 33.9 -0.1
GTA			PcP	09 14 02.7 +1.2
GTA			S	09 19 27.8 +2.0
GTA			ScS	09 22 17.6 -2.7
GTA	comp=Z,25nm,0.9s		pmax	
GTA	comp=Z,110nm,5.1s		LR	
GTA	comp=Z,250nm,20.7s		LR	
GTA	comp=Z,310nm,20.7s		LR	
GTA	comp=Z,160nm,19.3s		LR	
BJT	Baijiatuu	48.63 9	P	09 12 39.7 +0.2
BJT			pmax	
BJT			P	09 12 39.7 +0.2
BJT			IAMB	09 12 40.9
JMN	Monobe	48.63 30	P	09 12 38.2 -1.5
JMN			IAMB	09 12 45.3
BJI	Beijing	48.65 9	P	09 12 40.6 +0.9
BJI			pmax	
HHC	Hu-ho-hao-te	48.94 4	eP	09 12 44.8 +2.8
HHC			pmax	
HHC	comp=Z,22nm,1.0s		pmax	
KSRs	Korea Array	49.26 22	P	09 12 43.4 -1.0
KSRs	comp=Z,4.0nm,0.7s,baz=194,slow=8.3,SNR=10		PcP	09 14 06.8 +0.6
KSRs	comp=Z,5.1nm,0.8s,baz=197,slow=4.2,SNR=9.7		P	09 12 44.0 -0.8
JHS	Saijiyo	49.31 28	P	09 12 53.0 -1.8
JWT	Wachi	50.63 30	P	09 12 54.5
JWT			IAMB	09 12 59.5 -1.7
INU	Inuyama	51.49 31	P	09 13 00.2
INU			IAMB	09 13 10.4 -0.7
NIL	Nilore	52.80 324	P	09 13 10.4 -0.7
NIL			pmax	
NIL			P	09 13 10.4 -0.7
NIL			P	09 13 10.2 -0.9
MAJO	Matsushiro	53.02 31	P	09 13 10.4 -2.2
MAJO			pmax	
MAJO	comp=Z,18nm,1.1s		P	09 13 10.4 -2.2
MAJO	comp=Z,18nm,1.1s		IAMB	09 13 12.6
MJAR	Matsushiro Arr	53.02 31	P	09 13 09.5 -3.1
MJAR	comp=Z,12nm,0.9s,baz=198,slow=7.0,SNR=30		PcP	09 14 21.1 +0.8
MJAR	comp=Z,6.7nm,0.7s,baz=195,slow=4.6,SNR=8.9		PcP	09 13 09.8 -2.8
MJAR	Matsushiro Arr	53.02 31	P	09 13 09.8 -2.8
MJAR			pmax	
MJAR	comp=Z,7.0nm,1.0s		P	09 13 09.8 -2.8
MJAR	Matsushiro Arr	53.02 31	P	09 13 09.8 -2.8
JSD	Sado	54.21 30	P	09 13 19.5 -1.7
WMQ	Urumqi	54.79 343	eP	09 13 25.7 +0.2
WMQ			pmax	
WMQ	comp=Z,21nm,1.5s		pmax	
WMQ	comp=Z,150nm,3.8s		pmax	
JMM	Marumori	55.36 32	P	09 13 27.9 -1.7
JMM			IAMB	09 13 28.6
VLA	Vladivostok	55.68 211	eP	09 13 30.6 -1.1
VLA			pmax	
VLA	comp=Z,39nm,1.5s		P	09 13 30.6 -1.1
KSH	Kashi	55.73 331	P	09 13 30.9 -1.5
KSH			S	09 21 08.7 -4.8
KSH			pmax	
KSH	comp=Z,59nm,0.7s		P	09 13 32.4 -0.2
SONM	Songino Array	55.79 359	P	09 13 32.4 -0.2
SONM	comp=Z,17nm,0.6s,baz=170,slow=8.1,SNR=72		PcP	09 14 31.1 +0.2
SONM	comp=Z,10nm,0.5s,baz=178,slow=4.1,SNR=12		LR	09 39 29.2
SONM	comp=Z,167nm,19.2s,baz=160,slow=38		LR	
SONM	Songino Array	55.79 359	P	09 13 32.9 +0.3
SONM			pmax	
SONM	comp=Z,22nm,0.8s		P	09 13 32.9 +0.3
SONM	Songino Array	55.79 359	P	09 13 32.9 +0.3
SONM			IAMB	09 13 33.6
ULN	Ulanbaatar	55.81 290	P	09 13 33.2 +0.4
ULN			pmax	
ULN	comp=Z,29nm,0.6s		P	09 13 33.2 +0.4
ULN	Ulanbaatar	55.81 360	P	09 13 33.2 +0.4
KBL	Kabul	55.94 322	P	09 13 33.3 -0.7
KBL			pmax	
KBL	comp=Z,25nm,0.7s		P	09 13 33.3 -0.7
KBL	Kabul	55.94 322	P	09 13 33.3 -0.7
KBL			IAMB	09 13 34.2
KBL	comp=Z,24nm,0.7s		P	09 13 33.9 -0.2
KBL	Kabul	55.94 322	P	09 13 39.7 +1.6
WBK	Wadi Bani Khai	56.51 304	P	09 13 39.7 +1.6
WBK			P	09 13 39.7 +1.6
DOM	DOM	56.54 300	P	09 13 39.6 +1.2
DOM			P	09 13 39.6 +1.2
DOM			P	09 13 39.6 +1.2
MHTO	MHTO	56.63 302	P	09 13 39.7 +0.8
MHTO			P	09 13 39.7 +0.8
TARG	Taragay, Kyrgyz	56.64 334	IAMB	09 13 39.1 0.0
TARG			IAMB	09 13 57.6
USA0B	Ussuriysk Arra	56.66 211	iP	09 13 37.8 -0.9
USRK	Ussuriysk Arr	56.66 211	P	09 13 37.0 -1.7
USRK	comp=Z,5.4nm,0.5s,baz=195,slow=7.6,SNR=27		P	09 13 41.5 +0.4
SOCY	Socotra	56.91 290	P	09 13 41.9 +0.8
SOCY			P	09 13 39.9 -2.3
SHLS	Shalkode	57.11 336	eP	09 13 39.8 -2.3
SHLS	Shalkode	57.11 336	eP	09 13 39.8 -2.3
SHLS			pmax	
SHLS	comp=Z,19nm,0.5s		P	09 13 43.4 +1.0
JMDO	Jabal Madar	57.12 303	P	09 13 43.4 +1.0
JMDO			P	09 13 42.0 -1.1
PDGK	Podgornoye	57.24 336	P	09 13 43.1 -0.3
PDGK			P	09 13 43.1 -0.3
UZB	Uzynbulak	57.28 335	eP	09 13 43.1 -0.3
UZB	comp=Z,13nm,0.5s,baz=335		P	09 13 43.1 -0.3
UZB	Uzynbulak	57.28 335	eP	09 13 43.1 -0.3
UZB			pmax	
SATY	Saty	57.47 335	eP	09 13 43.8 -0.8
SATY	comp=Z,13nm,0.5s		P	09 13 43.8 -0.8
SATY	Saty	57.47 335	eP	09 13 43.8 -0.8
SATY			pmax	
SMDO	Samad	57.47 304	P	09 13 46.3 +1.3
SMDO	comp=Z,10.0nm,0.5s		P	09 13 46.3 +1.3
SMDO	SNR=5.5		P	09 13 46.3 +1.3
BIDO	Bidbid	57.62 304	P	09 13 47.6 +1.7
BIDO			P	09 13 47.6 +1.7
KPKS	Kokpek	57.69 335	eP	09 13 44.9 -1.3
KPKS	comp=Z,20nm,0.6s,baz=335		P	09 13 44.8 -1.3
KPKS	Kokpek	57.69 335	eP	09 13 44.8 -1.3
KPKS			pmax	
JTM	Tenmabayashi	57.71 30	P	09 13 45.0 -1.2
ULHL	Ujlohol	57.75 333	P	09 13 46.2 -0.6
ULHL	SNR=16		P	09 13 47.2 -0.2
DRK	Karamyk	57.82 328	P	09 13 49.2 +1.0
DMTO	DMTO	57.93 297	P	09 13 50.3 +1.4
BSY	Bisy	58.03 303	P	09 13 50.3 +1.4
BSY			P	09 13 49.1 -0.1
KZA	Kyzart	58.07 332	P	09 13 48.6 -0.7
KZA	SNR=31		P	09 13 48.6 -0.7
MDOK	Medeo	58.13 334	eP	09 13 48.6 -0.7
MDOK	baz=334		P	09 13 52.2 +1.4
MDOK	Medeo	58.13 334	eP	09 13 52.2 +1.4
HOQ	Hoqan	58.31 304	P	09 13 50.0 -0.9
HOQ			P	09 13 50.0 -0.9
MTBS	Maitube	58.37 334	iP	09 13 49.9 -1.4
ZAK	Zakamensk	58.44 357	eP	09 14 39.4
ZAK			e	

ZAK	comp=Z,13nm,1.3s		pmax	
RBK	Rabkut	58.51 296	P	09 13 53.8 +1.5
RBK			P	09 13 53.8 +1.5
UCH	Uchtor	58.53 332	P	09 13 52.1 -0.3
TKM2	Tokmak 2	58.58 333	P	09 13 52.1 -0.3
TKM2	SNR=10		P	09 13 51.1 -1.4
TKM2	Tokmak 2	58.58 333	iP	09 13 51.1 -1.4
TKM2			pmax	
ARXs	Arharly	58.65 335	eP	09 13 51.8 -1.0
KBK	Karagaybulak	58.66 332	P	09 13 53.1 +0.1
CHKK	Chushkaly	58.71 335	eP	09 13 50.4 -2.8
CHKK	baz=334		P	09 13 53.5 -0.2
BTK	Batken	58.76 328	P	09 13 53.5 -0.2
BTK			pmax	
BTK	comp=Z,58nm,0.7s		P	09 13 53.5 -0.2
AML	Almayashu	58.76 328	P	09 13 54.3 -0.3
AML	SNR=28		P	09 13 54.3 -0.3
AML	Almayashu	58.85 331	iP	09 13 54.3 -0.3
AML			P	09 13 54.2 -0.4
AML	Almayashu	58.85 331	P	09 13 54.2 -0.4
AAK	Ala-Archa	58.86 332	P	09 13 54.2 -0.2
AAK	SNR=11		P	09 13 54.2 -0.2
AAK	Ala-Archa	58.86 332	P	09 13 54.2 -0.2
AAK			pmax	
AAK	comp=Z,29nm,1.4s		P	09 13 54.2 -0.2
AAK	Ala-Archa	58.86 332	P	09 13 55.3
AAK			IAMB	
ZSN	comp=Z,29nm,1.4s		eP	09 13 53.6 -1.0
ZSN	Zaisan	58.92 342	eP	09 13 53.6 -1.0
ZSN	comp=Z,14nm,0.6s,baz=342		P	09 13 53.6 -1.0
ZSN	Zaisan	58.92 342	eP	09 13 53.6 -1.0
FRU1	comp=Z,14nm,0.6s		pmax	
FRU1	Bishkek	58.93 332	P	09 13 54.6 -0.2
FRU1			pmax	
FRU1	comp=Z,45nm,1.0s		P	09 13 54.6 -0.2
FRU1	Bishkek	58.93 332	P	09 13 55.9 +0.4
FRU1	DOK	58.98 297	P	09 13 55.9 +0.4
FRU1	SNR=8.1		P	09 13 55.9 +0.4
KUU	Kury	59.02 334	eP	09 13 53.7 -1.7
KUU	comp=Z,43nm,0.5s,baz=334		eP	09 13 53.7 -1.7
KUU	Kury	59.02 334	eP	09 13 53.7 -1.7
KUU			pmax	
WHFO	Wadi Hawi	59.04 296	P	09 13 56.6 +0.6
WHFO	SNR=5.3		P	09 13 56.6 +0.6
WHFO			P	09 13 56.6 +0.6
MK31	Makanchi Array	59.16 340	P	09 13 55.6 -0.6
MK31			pmax	
MK31	comp=Z,21nm,0.7s		P	09 13 55.6 -0.6
MK31	Makanchi Array	59.16 340	P	09 13 56.7
MK31			IAMB	
MKAR	comp=Z,21nm,0.7s		P	09 13 55.2 -1.0
MKAR	Makanchi Array	59.16 340	P	09 13 55.2 -1.0
MKAR	comp=Z,36nm,0.6s,baz=142,slow=7.2,SNR=215		LR	09 43 24.4
MKAR			LR	
MKAR	comp=Z,56nm,19.0s,baz=172,slow=40		P	09 13 55.8 -0.5
MKAR	Makanchi Array	59.16 340	P	09 13 57.4 +0.5
MKAR	SOHO	59.20 304	P	09 13 57.7 +0.8
MKAR	SOHO	59.20 304	P	09 13 57.7 +0.8
MKAR	SOHO	59.20 304	P	09 13 57.7 +0.8
MKAR	SOHO	59.20 304	P	09 13 56.9 0.0
MKAR	Erkin-Say	59.21 332	P	09 13 58.4 +0.9
MKAR	SNR=24		P	09 13 58.4 +0.9
MKAR	Aybut	59.26 296	P	09 13 58.4 +0.9
MKAR	SNR=6.6		P	09 13 57.1 0.0
MKAR	Makanchi	59.28 340	P	09 13 57.1 0.0
MKAR			pmax	
MKAR	comp=Z,9.0nm,0.8s		P	09 13 57.1 0.0
MKAR	Makanchi	59.28 340	P	09 13 59.2
MKAR			IAMB	
MKAR	comp=Z,9.2nm,0.8s		P	09 14 00.7 +2.5
MKAR	Ambodihardompo	59.34 253	P	09 14 00.7 +2.5
MKAR	comp=Z,2.4nm,0.5s,baz=117,slow=6.1,SNR=4.4		P	09 13 56.7 -0.9
MKAR	Ospenovka	59.35 332	P	09 13 57.2 -1.0
MKAR	SNR=17		iP	09 13

Table with columns: BRTR, Keskin Array B, 82.98 312, P, P, 09 16 20.1 -0.4, etc. Includes various station identifiers and coordinates.

Table with columns: YBH, Yreka Blue Hor, 124.62 44, PKP, PKPdf, 09 22 54.2 -0.3, etc. Includes station names like HAWA, D08A, E08A, etc.

Table with columns: TUL1, Leonard, 1.86 116, P, Pn, 09 21 41.7 +0.2, etc. Includes station names like WMOK, WMOK, WMOK, etc.

IDC 10 09:20:41.7-0.4, 36.767N, 97.81W, h0km, mb4.5/22, mb1 4.5/32, mb1mx4.4/49, mbtmp4.4/32, ML4, 1/9, MS3.9/16, Ms1 3.9/16, ms1mx3.7/41, Error ellipse: s-maj=8.0km s-min=7.4km az=133.0 ANF 10 09:20:42.8-0.2, 36.73N:97.91W, h6km, ML5.7/29, Error ellipse: s-maj=2.2km s-min=2.0km az=144.0 NEIC 10 09:20:42.9-1.7, 36.70N:02.97E, h7km, 0.06, h6km, 4km, Error ellipse: s-maj=7.0km s-min=2.3km az=76.0 TUL 10 09:20:43.1-1.7, 36.72N:02.97E, h3km, 0.06, h6km, 4km, ML4.7, mb4.6/79(NIC), mb, Lg4.8/16(NIC), Mw4.4/10.3(NIC), Error ellipse: s-maj=6.9km s-min=2.4km az=80.0 NEIC 10 09:20:43.367, 71N:97.91W, h3km, Moment Tensor Solution. Minimum tensor: Scale 1019Nm; M1:4.21; M2:4.85; M3:0.64; M4:0.39; M5:0.75; M6:0.36; Fault plane solution: Mo:6.6000e+1015 NP1:az257.51000, lambda:82.68000, -lambda:96.67000. NP2:az87.40000, delta:53000, lambda:82.68000. Principal axes: T 4.7473, Plg3.0000, I -4.2588, Plg4.0000, Azm111.0000. ISC 10 09:20:41.7-1.1, 36.73N:02.97E, h6km, 7km, mb5.0, 1.845/594, mb5.0/753, MS4.2/19, 71C-52D, Fault plane solution: NP1:az85.07611, 368.72900, -lambda:95.57045, NP2:az280.12399, delta:1.95553, -lambda:75.99917. Principal axes: T Plg23.5344, Azm179.3698, N Plg5.1899, Azm87.1027, P Plg65.8318, Azm345.4251, Oklahoma Code Station Name Az Az' Azm ID Time Res U32A Winter Ranch, 0.98 249 P Pn 09 21 00.9 +0.3 U32A Winter Ranch, 0.98 249 P Pn 09 21 00.7 +0.2 U32A Winter Ranch, 0.98 249 P Pn 09 21 13.5 +0.2 T35A Sooner Cattle, 1.10 80 P Pb 09 21 04.7 +1.2 T35B Deonier Cattle, 1.10 80 P Pb 09 21 04.9 +1.4 T35B Deonier Cattle, 1.10 80 S Sb 09 21 19.7 +1.4 OK009 Oklahoma, 1.20 163 P Pb 09 21 05.6 +0.3 OK005 Luther M Schoo, 1.21 153 P Pb 09 21 05.8 +0.5 OK001 Johns High Sch, 1.26 158 P Pb 09 21 06.6 +0.4 OKCFA Oklahoma City, 1.36 166 P Pb 09 21 07.9 +0.2 OKCFA Oklahoma City, 1.36 166 S Sn 09 21 26.7 +0.4 OKCWS OKLAHOMA CITY, 1.37 165 Pn 09 21 08.2 +0.3 FNO Franklin, 1.52 166 Pn 09 21 10.6 +0.6 R32A Long Quarter, 1.82 338 P Pn 09 21 15.4 +1.3 R32A Long Quarter, 1.82 338 P Pn 09 21 15.7 +1.6 R32A Long Quarter, 1.82 338 S Sb 09 21 40.4 +1.4 TUL1 Leonard, 1.86 116 P Pn 09 21 16.3 +1.6

Table with columns: WHTX, Lake Whitney, 4.74 176, P, Pn, 09 21 54.9 +0.7, etc. Includes stations like Gary Mavity, Muleshoe, White Oak Lake, etc.

Table with columns: HICK, Hickman, 6.94 89, Pn, 09 22 25.5 +1.0, etc. Includes stations like Southern Illinois, EROS Data Cent, etc.

Table with columns: TXAR, comp=Z,2.7nm,0.3s,baz=45,slow=12,SNR=120, etc. Includes stations like Lajitas Array, David Mesa, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like LOHW, J47A, 352A, SNOW, REDW, PS1A, B35A, RLMT, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like I05D, NCB, NCB, KSCST, TRQ, L04D, WDC, ACCN, CMIG, N02D, O02D, TRQ, YBH, YBH, M02C, L61B, MNTQ, J61A, UCCT, V1, M63A, JCC, BRYW, KBO, LBNH, MOQ, E03A, H62A, H62A, H63A, FCC, G62A, FSCY, IQ, PKME, E62A, E62A, D62A, D62A, BATG, BBB, YKA, SCHO, SCHO, SCHO, DLBC, DLBC, DRLN, DBBC, ZARZA, CBOC, SDV, INK, BCAR, L27K, NORC, BARC, GUYZA, Y27K, Y27K, RUSC, ORTC, J26L, CHIC, POPC, BBAC, PCON, SOTA, ILAR, ILAR, SFJD, SFJD, OTAV, MACC, SUA, PPLA, I21K, M19K, H21K, L19K, J20K, J20K, EUNU, ICESG, ICESG, NEEM, NEEM.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like NEEM, SUMG, SUMG, SCO, PTGA, PTGA, DAG, DAG, NOR, SAML, SPA0, LPAZ, LPAZ, KAC, J01, KSCC, PISAGA, MCD, INVG, PGBU, DSB, SIV, EDI, IOMK, IOMK, EBL, ESK, ESK, YRC, KESW, LOF, EDM, LLW, LLW, FOEL, FOEL, TRO, KONS, AKN, HPK, ASK, FAUS, HYA, MCH1, LBWR, LBWR, JETT, HAMF, MORB, NSS, CWF, SKAR, KTK1, WOL, ARAO, ARCES, ARCES, NOA, NOA, NC602, PETK, ESCD, RCBR, FIAI, FINES, FINES, CPUP, COLL, BRG, BRG, GERES, GERES, ABTA, MOA, KBA, CONA, OBKA, SLOKA, KEST, AKASG, AKASG, WMAQ, SNA4, STKA, STKA, WRA, ASAR, MAW.

10d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BODT Bodrum, YER Yerkesik, FETY Fethiye.

NNC 10 12:46:03.8z, 3.4, 48.81N, 82.70E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=34.1km s-min=17.4km az=67.0, Suspected Mining explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MAKZ Makanchi, MK31 Makanchi Array, SEM Semipalatinsk, ZSN Zaisan, KURBB Kurchatov Arra, KAPS Kapalarasan, DJR Jarkent, KTBS Karatobe.

KMA 10 12:52:32.8z, 1.8, 36.94N, 126.47E, h3km, 13km, Error ellipse: s-maj=13.7km s-min=12.3km az=152.0, North Korea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include YNCB YEONCHEON, KSMUS Musan, KSCWO Cheorwon, KSGAH Ganghwa, KSCHC Chuncheon.

IDC 10 13:13:01.7z, 0.9, 25.65N, 141.10E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.8/9, mbtmp3.9/9, ML3.0/1, Error ellipse: s-maj=28.5km s-min=17.3km az=107.0

NEIC 10 13:13:07.2z, 2.9, 25.8N, 0.1, 141.1E, 0.1, h50km, 12km, mb4.3/12, Error ellipse: s-maj=19.4km s-min=11.0km az=130.0

ISC 10 13:13:05.9z, 0.8, 25.7N, 0.1, 140.96E, 0.09, h35km, n34, s155/30, mb3.9/10, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JCJ Chichijima, JCJ Chichijima, JOW Jonkai, JNS Nakatsue, KRSU Korea Array, YHNB Yeheng, YULB Yuli, TWG Pinlang, TPUB Ta-pu, USRK Ussurysk Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Songino Array, MNTN Manton, WBO Warramunga Arr, WRD Warramunga Arr, WRB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, ILAR Eielson Array, FINES FINES Array, NVAR Mina Array Bea, PDAR Pinedale Array.

IDC 10 13:16:28.3z, 1.2, 30.61S, 71.63W, h0km, mb4.1/5, mb1 4.0/10, mb1mx3.8/27, mbtmp3.9/10, ML3.7/5, MS3.0/3, Ms1 3.0/3, ms1mx2.8/23, Error ellipse: s-maj=45.8km s-min=19.7km az=109.0

GUC 10 13:16:34.0z, 0.8, 30.52S, 71.56W, h25km, 6km, ML4.2, NEIC 10 13:16:34.0z, 0.2, 30.56S, 0.03, 71.6W, 0.1, h35km, 2km, Error ellipse: s-maj=14.8km s-min=5.5km az=86.0

ISC 10 13:16:32.9z, 0.3, 30.55S, 0.03, 71.64W, 0.07, h32km, 5km, n56, s095/53, mb4.2/5, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, CO05 La Serena, CO05 La Serena, CO04 Tololo Observa, CO04 Tololo Observa.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include G004 Las Campanas, CO03 El Pedregal, CO03 El Pedregal, CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, VA06 Catapilco, AC04 Llanos de Chal, AC04 Llanos de Chal, VA03 San Esteban, VA03 San Esteban, VA03 San Esteban, ROCH Copiap, ROCH El Roble, MT02 Curacav, MT02 Curacav, MT05 Renca, MT05 Renca, VA05 Santo Domingo, G003 Copiap, G003 Copiap, G003 Copiap, MT09 Talagante, MT09 Talagante, MT09 Talagante, LMELE Las Melosas, LMELE Las Melosas, AC02 Maricunga, G005 Huaila, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N2 Juan Fernandez, LVC Limon Verde, LVC Limon Verde, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquinst, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, SIV San Ignacio, BDFB Brasilia, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, WRA Warramunga Arr, H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, ZALV Zalesovo Beam, ZALV Zalesovo Beam.

IDC 10 13:21:56.2z, 7.4, 16.53N, 97.01W, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.7/36, mbtmp3.6/4, ML3.5/1, MS3.6/5, Ms1 3.6/5, ms1mx3.2/26, Error ellipse: s-maj=17.5km s-min=12.3km az=56.0

MEX 10 13:22:00.3z, 0.8, 16.21N, 98.08W, h5km, 5km, MD4.0, ISC 10 13:21:59.0z, 1.1, 16.22N, 0.05, 98.10W, 0.03, h15km, 6km, n23, s175/30, mb3.8/3, MS3.7/3, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include PNIG Pinotepa, PEIG Puerto Escondido, TXIG Tlaxiaco, CRIG Cruz Grande, CRIG Tlapa, VHO Vista Hermosa, VHO Huajuapán de L, FTIG Fresnillo de T, DAIG Los Arroyos, DAIG Huatulco, HUIG Huatulco, TOIG Topxalan, CAIG El Cayaco, MEIG Mezcala, TXAR Lajas Array, TXAR Lajas Array, JTS Las Juntas de, PDAR Pinedale Array, PDAR Pinedale Array, NVAR Mina Array Bea, YKA Yellowknife Arr, H03N2 Juan Fernandez, H03N1 Juan Fernandez.

386

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include H03N3 Juan Fernandez, ILAR Eielson Array, PLCA Paso Flores.

IDC 10 13:28:59.5z, 1.4, 5.13N, 73.50W, h152km, 6km, mb2.8/1, mb1 3.3/2, mb1mx2.9/32, mbtmp3.5/2, Error ellipse: s-maj=54.4km s-min=12.4km az=136.0, RSNC 10 13:29:00.8z, 1.3, 5.28N, 73.73W, h152km, 5km, ML3.4, Mw3.6, Fault plane solution: NPT: 127.000000, 3.620000, 1.570000, ISC 10 13:29:00.9z, 5.29N, 0.03, 73.73W, 0.04, h163km, 6km, n32, s161/59, 8C-8D, Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SPBC San Pablo de B, CHIC Chingaza, CHIC Chingaza, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, RUSC La Rusia, VILC Villavicencio, NORC Norcasia, NORC Norcasia, BARC Barichara, GUY2C Guyana, BRRR Barranca, ANIL Santa Ana, PTGC Puerto Gallan, HELC Santa Helena, ORTC Ortega, TAME Tame, PAMC Pamplona, CBCC Ciudad Bolivar, ZARC Zaragoza, OCAC Ocana, DBBC Dabeiba, UREC San Jos de Ur, MACC Macarena, MARP Paez Belalcaza, SMLC San Martn de, GARC Garzon, FLOC Santo Domingo, SDV Santo Domingo, SJCC San Jacinto, CRJC Correjon, NVAR Mina Array Bea, ASAR Alice Springs, CMAR Chingal Mal Arr, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINES Array, LPAZ La Paz.

IDC 10 14:25:59.71.5, 1.31:68S:72:02W, h0km, mb1 3.9/5, mb1mx3.6/29, mbtmp3.7/5, ML3.7/6, Error ellipse: s-maj=65.1km s-min=28.1km az=106.0 SJA 10 14:26:02.01.31:76S:72:01W, h10km, ML4.4 GUC 10 14:26:04.05.0.31:77S:71:65W, h40km, ML4.1, NEIC 10 14:26:05.0.8.31:74S:01:04:71.8W:0.1, h35km, 2km, Error ellipse: s-maj=15.7km s-min=6.4km az=268.0 ISC 10 14:26:04.0.1.51:75S:0:03:71.90W:0.06, h31km, 12km, n80, r1536/83, 3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Catapilco, Fray Jorge, Torpederas, etc.

KRX Petropavlovsk 6.43 276 P Sn 14 29 07.8 +4.4 Pn 14 27 55.9 +5.0 Pn 14 29 08.6 +5.4 Pn 14 27 55.5 +4.4 Pn 14 27 57.6 +4.9 Pn 14 29 08.5 +5.1 Pn 14 28 00.9 +5.3 Pn 14 29 16.8 +5.3 Pn 14 28 02.7 +6.4 Pn 14 29 19.7 +4.1 Pn 14 28 03.7 +5.7 Pn

IDC 10 14:34:47.3:0.8.56:93N:156:06W, h0km, mb3.9/20, mb1 4.1/22, mb1mx1.0/52, mbtmp4.0/22, ML4.0/2, MS3.1/7, Ms1 3.1/7, ms1mx2.9/41, Error ellipse: s-maj=20.3km s-min=10.7km az=5.0 NEIC 10 14:34:54.1.1.3.56:81N:0:04:155:62W:0:05, h56km, 11km, Error ellipse: s-maj=5.1km s-min=4.2km az=187.0 AEIC 10 14:34:54.1.5.56:79N:0:03:155:63W:0:05, h41km, 5km, ML4.0, mb4.0/(NEIC), ML4.0/38(NEIC), Error ellipse: s-maj=4.9km s-min=4.0km az=158.0 ISC 10 14:34:54.1.0.8.56:83N:0:04:155:65W:0:03, h56km, 9km, n222, r088/228, mb3.9/21, MS3.3/4, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Sitkinak Island, Peulik 3, Aniakchak Peak, etc.

N19K Bonanza Creek 4.04 8 Pn 14 35 53.7 +0.2 Pn 14 37 11.0 IAML N19K comp=E,177nm,0.9s N19K Bonanza Creek 4.04 8 P Pn 14 35 54.2 +0.7 Pn DT1 Dutton Round H 4.11 248 Pn 14 35 54.3 0.0 Pn SVW2 Sparrowhead 4.28 0 Pn 14 35 55.5 -1.1 Pn SEW Seaward 4.62 4.2 Pn 14 36 00.1 -1.2 Pn SEW Seaward 4.62 4.2 Pn 14 36 00.2 -1.1 Pn SLKM Sklak Lake 4.65 35 Pn 14 36 01.8 0.0 Pn SPU Mount Spurr 4.74 22 Pn 14 36 03.4 +0.4 Pn O22K Cooper Landing 4.79 38 Pn 14 36 07.6 +4.0 Pn FALS False Pass 4.81 249 Pn 14 36 03.6 -0.3 Pn FALS False Pass 4.81 249 Pn 14 36 04.0 +0.1 Pn STLK Strandline Ldg 5.08 21 Pn 14 36 08.4 +0.8 Pn M19K Big River Lodge 5.13 7 Pn 14 36 08.9 +0.6 Pn M19K Big River Lodge 5.13 7 IAML 14 37 45.0 Pn M19K comp=N,101nm,1.1s M19K comp=N,58nm,0.8s M19K Big River Lodge 5.13 7 P Pn 14 36 08.9 +0.6 Pn RC01 Rabbit Creek A 5.25 33 Pn 14 36 10.2 +0.3 Pn RC01 Rabbit Creek A 5.25 33 IAML 14 37 22.7 Pn RC01 comp=N,68nm,0.7s RC01 IAML 14 37 25.1 Pn RC01 Rabbit Creek B 5.25 33 Pn 14 36 10.2 +0.3 Pn SUA Susitna One 5.29 26 Pn 14 36 10.9 +0.3 Pn SUA Susitna One 5.29 26 Pn 14 36 10.9 +0.3 Pn WTUG Tugumak 5.31 252 Pn 14 36 10.9 +0.1 Pn L19K White Mountain 5.38 4 Pn 14 36 12.5 +0.7 Pn L19K White Mountain 5.38 4 Pn 14 36 12.5 +0.7 Pn PWL Post Wells 5.54 40 Pn 14 36 13.1 -0.9 Pn WESN West Dahl Nort 5.54 250 Pn 14 36 13.7 -0.2 Pn SKT Skwentna 5.57 20 Pn 14 36 15.2 +0.8 Pn SKT Skwentna 5.57 20 Pn 14 36 15.2 +0.8 Pn WESE West Dahl East 5.95 249 Pn 14 36 15.2 +0.5 Pn L20K Farewell, AK 5.74 8 Pn 14 36 17.6 +1.0 Pn L20K Farewell, AK 5.74 8 Pn 14 36 17.6 +1.0 Pn PMR Palmer 5.83 32 Pn 14 36 17.4 -0.4 Pn KNK Knik Glacier 5.90 36 Pn 14 36 18.7 -0.1 Pn KNK Knik Glacier 5.90 36 Pn 14 36 18.7 -0.1 Pn HIN Hinchinbrook I 5.96 49 Pn 14 36 19.8 0.0 Pn GLI Glacier Island 6.01 44 Pn 14 36 19.1 -1.3 Pn GLI Glacier Island 6.01 44 Pn 14 36 19.1 -1.3 Pn GHO Glory Hole Cre 6.03 32 Pn 14 36 20.8 +0.1 Pn TTO1 Tatalina 6.10 358 Pn 14 36 22.2 +0.7 Pn FID Port Fidalgo 6.17 47 Pn 14 36 20.9 -1.6 Pn CUL Chullina 6.22 24 Pn 14 36 23.8 +0.6 Pn SMT Sawmill 6.24 34 Pn 14 36 22.8 -0.7 Pn SMT Sawmill 6.24 34 Pn 14 36 22.8 -0.7 Pn JPK Jack Peak 6.31 44 Pn 14 36 23.2 -1.3 Pn PPLA Purkeypile 6.33 15 Pn 14 36 26.5 +1.7 Pn PPLA Purkeypile 6.33 15 Pn 14 36 26.5 +1.7 Pn EYAK Cordova Ski Ar 6.36 50 Pn 14 36 24.4 -0.7 Pn EYAK Cordova Ski Ar 6.36 50 Pn 14 36 24.4 -0.7 Pn SCM Sheep Creek Mo 6.57 37 Pn 14 36 27.6 -0.5 Pn K20K Telida 6.59 6 Pn 14 36 28.4 +0.1 Pn K20K Telida 6.59 6 Pn 14 36 28.4 +0.1 Pn DIV Divide 6.68 46 Pn 14 36 29.0 -0.6 Pn KLU Klutina 6.84 43 Pn 14 36 31.3 -0.5 Pn UNV Unalaska Valle 6.88 249 Pn 14 36 31.3 -0.9 Pn UNV Unalaska Valle 6.88 249 Pn 14 36 31.3 -0.9 Pn MSW Makushin Switc 6.99 250 Pn 14 36 32.8 -1.0 Pn NICH Nichawak Mount 7.00 56 Pn 14 36 33.5 -0.4 Pn WAT6 Susitna Watana 7.01 31 Pn 14 36 33.5 -0.8 Pn WAT6 Susitna Watana 7.01 31 Pn 14 36 33.5 -0.8 Pn MREP Makushin Repa 7.02 249 Pn 14 36 33.5 -0.8 Pn BMRM Bremner River 7.06 49 Pn 14 36 34.2 -0.6 Pn BMRM Bremner River 7.06 49 Pn 14 36 34.2 -0.6 Pn KTH Kantishna Hill 7.14 17 Pn 14 36 36.3 +0.4 Pn M24K Tolsona, Glenn 7.15 38 Pn 14 36 35.3 -0.8 Pn M24K Tolsona, Glenn 7.15 38 Pn 14 36 35.3 -0.8 Pn TRF Thorofare Moun 7.16 20 Pn 14 36 36.0 -0.1 Pn TRF Thorofare Moun 7.16 20 Pn 14 36 36.0 -0.1 Pn J20K Nowinta River 7.41 5 Pn 14 36 39.7 +0.3 Pn J20K Nowinta River 7.41 5 Pn 14 36 39.7 +0.3 Pn RND Reindeer 7.41 24 Pn 14 36 39.2 -0.3 Pn N25K Chitina, Valde 7.41 45 Pn 14 36 39.5 -0.1 Pn N25K Chitina, Valde 7.41 45 Pn 14 36 39.5 -0.1 Pn CNBA Chernabura Isl 3.00 229 IAML 14 36 38.8 Pn CNBA Chernabura Isl 3.00 229 IAML 14 36 38.8 Pn CNBA comp=E,314nm,0.9s CNBA IAML 14 36 40.7 Pn CNBA comp=N,312nm,0.8s O18K Kaktuh Hills 3.04 4 Pn 14 35 39.9 +0.2 Pn O18K Kaktuh Hills 3.04 4 IAML 14 36 39.7 Pn O18K comp=N,293nm,0.6s O18K Kaktuh Hills 3.04 4 P Pn 14 35 39.9 +0.2 Pn SDPT Sand Point 3.09 243 Pn 14 35 40.3 0.0 Pn SDPT Sand Point 3.09 243 IAML 14 36 16.0 0.0 Pn SDPT Sand Point 3.09 243 IAML 14 36 39.9 Pn SDPT comp=N,469nm,1.2s SDPT Sand Point 3.09 243 P Pn 14 35 40.3 0.0 Pn SDPT Sand Point 3.09 243 IAML 14 36 16.0 0.0 Pn SDPT comp=N,423nm,0.7s SDPT comp=N,361nm,0.6s O20K Slope Mountain 3.62 25 Pn 14 35 48.8 +1.0 Pn O20K Slope Mountain 3.62 25 P Pn 14 35 48.8 +1.0 Pn PVV Pavlof Volcano 3.74 250 Pn 14 35 49.5 +0.2 Pn BLHA Black Hill 3.76 255 Pn 14 35 49.5 0.0 Pn BLHA Black Hill 3.76 255 P Pn 14 35 49.5 0.0 Pn HSAH Pavlof South-4 3.79 249 Pn 14 35 50.2 +0.3 Pn HSAH Hogue Volcano 3.82 249 Pn 14 35 50.8 +0.4 Pn BRLK Bradley Lake 3.87 39 Pn 14 35 50.8 -0.2 Pn BRLK Bradley Lake 3.87 39 IAML 14 36 47.0 Pn BRLK comp=N,242nm,0.8s BRLK comp=N,238nm,0.5s BRSE Bradley Lake S 3.90 40 Pn 14 35 51.5 0.0 Pn BRSE Bradley Lake S 3.90 40 P Pn 14 35 51.5 0.0 Pn RSO Redoubt South 3.94 21 Pn 14 35 53.6 +1.4 Pn RDWB Redoubt West 3.95 21 Pn 14 35 53.1 +0.8 Pn

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Bonanza Creek, Dutton Round H, Sparrowhead, etc.

KRSC 10 14:26:18.3:1.4.52:77N:169:26E, h29km, 31km, ML3.9, South of Aleutian Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Sedovina, Avacha, Arik.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Indian Moutai, Salcha River, Beaver Creek, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like YUK1 Sand Pete Hill, H23K Yukon River, H23K Yukon River, etc.

NOU 10 14:37:51.5, 36.88S; 177.35E, h315km, mb3.76, Off E. Coast of N. Island, N.Z.

WEL 10 14:38:00.5, 0.8, 37.8S x 177E.1, h236km, 8km, M2.7/22, MLV2.7/22, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like OPRZ Ohinepanea, KUZ Kuaotunu, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PXZ Pawanui, WPHZ Waipukurau, TSZ Takapari Road, etc.

IDC 10 14:54:35.8, 1.8, 33.58S x 178.71W, h0km, mb4.0/3, mb1.4/24, mb1mx3.8/29, mbtmp3.1/4, ML4.4/1, MS3.5/3, ms1.3/53, ms1mx1.3/39, Error ellipse: s-maj=44.5km s-min=33.3km az=61.0

WEL 10 14:54:38.0, 0.7, 34.5S x 177.9W, 1.1, h33km, M4.3/10, mb4.9/7, ML4.6/13, MLV4.4/10, Mw(MB)4.2/7, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1

ISC 10 14:54:39.2, 1.3, 33.63S x 178.7W, 0.1, h35km, n25, a175/39, mb3.9/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

IDC 10 15:00:11.5, 3.4, 33.80S x 178.63W, h0km, mb3.5/2, mb1.3/9, mb1mx3.6/21, mbtmp3.7/3, ML3.8/1, MS3.3/1, Ms1.3/41, ms1mx2.8/21, Error ellipse: s-maj=76.8km s-min=37.5km az=117.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, etc.

INET 10 15:06:56.9, 10.84N, 87.04W, h13km, MW3.5 UCR 10 15:07:08.7, 2.0, 11.58N, 86.33W, h2km, 33km, MW4.4, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GB1A Borinquen Arri, BUEV Buena Vista, LKPC Finca La Perla, etc.

IDC 10 15:15:00.1, 1.4, 1.37N, 95.56E, h0km, mb3.7/7, mb1.3/7.9, mb1mx3.0/34, mbtmp3.7/9, ML3.3/2, MS2.5/1, Ms1.2/5.1, ms1mx1.0/42, Error ellipse: s-maj=11.7km s-min=21.4km az=49.0

DJA 10 15:15:02.1, 1.1, 1.3N, 95.6E, 1.1, h10km, M4.2/9, mb4.8/6, mb4.6/1, MLV4.0/9, Mw(MB)3.9/1

ISC 10 15:15:02.1, 0.9, 1.46N, 95.67E, 0.09, h10km, n25, a0563/21, mb4.0/7, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SNSI Sinabang, ACEH Binua, SNSI Sinabang, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LHMI Lhok Sumawe, MNSI Mandailing Nat, SISI Saibi, etc.

IDC 10 15:20:45.3, 1.9, 36.86N, 97.72W, h0km, mb1.3/6.5, mb1mx3.5/47, mbtmp3.3/5, ML3.3/5, Error ellipse: s-maj=2.7km s-min=1.1km az=101.0

ANF 10 15:20:48.6, 0.2, 36.70N, 97.93W, h5km, ML4.4/19, Error ellipse: s-maj=3.1km s-min=2.7km az=61.0

TUL 10 15:20:48.3, 0.9, 36.72N, 0.02, 97.93W, 0.05, h6km, 1km, ML3.6, mb_Lg3.8/12(NEIC), Mw3.5/29(NEIC), Error ellipse: s-maj=5.9km s-min=2.3km az=77.0

NEIC 10 15:20:48.2, 0.6, 36.69N, 0.01, 97.92W, 0.05, h1km, 8km, Error ellipse: s-maj=5.8km s-min=1.7km az=79.0

NEIC 10 15:20:48.1, 3.166N, 97.93W, h3km, Moment Tensor Solution, Moment tensor: Scale 1014Nm, Mr=2.28; Mw=2.35; Mo=0.06; Mo=0.56; Mw=0.44; Mr=0.64; Fault plane solution: M2.5100x1014, N1P1.9x247.45000, 6.42000, A-105.29000; NP2.8x249.000; 3.8x53000, A-69.92000; Principal axes: T 2.520, P18.000, Azm348.000, N-0.0261, Plg12.000, Azm257.000; P-2.4939, P175.000, Azm111.000;

ISC 10 15:20:47.1, 3.3674N, 0.03, 97.91W, 0.03, h3km, 10km, n135, a1941/111, Oklahoma

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like U32A Winter Ranch, U32A Winter Ranch, T35A Sooner Cattle, etc.

comp=Z,3.2nm,0.8s,baz=20,slow=3.3,SNR=2.9
TXAR Lajitas Array 93.48 53 P P 2 18 44 08.5 +1.9

ROM 10 18:42:42.6:0.1,43:996N:0:005:10:871E:0:006,
h35km,ML2.9/37,Error ellipse: s-maj=0.6km s-min=0.2km
az=22.0
LDG 10 18:42:42.8:0.1,43:95N:10:89E,h10km,ML2.9/32,Error
ellipse: s-maj=2.3km s-min=1.9km az=21.0
STR 10 18:42:43.2:1.4,44:NL7x1.1E:1.3,h10km,MLV3.5/12
GEN 10 18:42:43.6,44:00N:10:88E,h28km,2km,ML2.6
PRU 10 18:42:45.1:0.0,44:27N:11:22E,h0km
ISC 10 18:42:42.9:0.9,43:99N:0:02:10:85E:0:02,h33km,2km,
n149,s1936/200,0.8C-6D,Central Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various stations like Monte La Croce, Montemurlo, Bagni Di Lucca, etc.

Table with columns: MODE, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various stations like Modena, Asqua, Palmaria, etc.

Table with columns: DOSS, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various stations like Asolo, Pioggia, Malga Bissina, etc.

395

Table with columns: NCU, National Centr, 1.02 322 eP, Pb, 21 27 49.4 -0.1, etc. Lists various stations and their coordinates.

TAP 10 21:28:04.6,24:26N<:121:76E, h13km<:1km, ML2.6, 1D, C,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, etc. Lists stations like Heping Village, Fush Village, etc.

JMA 10 21:28:07.0±0.1, 24:24N<:121:87E, h0km, M2.9
TAP 10 21:28:07.2, 24:23N<:121:84E, h19km, ML3.9, C
ISC 10 21:28:07.1±0.8, 24:20N<:121:90E±0.02, h16km<:6km,

2015 OCT

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, etc. Lists numerous stations across various regions.

10d 21h

Table with columns: NCUH, Zhongli, 1.00 320 eP, Pb, 21 28 25.4 -0.7, etc. Lists stations like Zhongli, National Centr, etc.

VAO 10 21:39:30.4±1.5, 1°53'S<:82°76'W, h10km, mb4.4
IGQ 10 21:40:08.0±5.1, S<:2°8'OW, h76km
ISC 10 21:40:06.5±0.9, 1°31'S<:004°-79.72'W±0.05, h92km<:9km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, etc. Lists stations like AGUAY, AMIL, CHSH, etc.

IDC 10 21:49:23.0±1.0, 19°19'N<:146°53'E, h0km, mb3.777,
mb1 3.9/8, mb1mx3.7/59, mbtm3.8/8, ML4.21, MS3.2/2,

*M*1 3.2/2.0, *m*1*m*x2.6/4.5, *E*rror ellipse: *s*-maj=38.8km
s-min=20.5km az=94.0
 ISC 10.21:49:30.3-1.0, 19.3N, 0.1:146.4E, 0.2, h50km, n10,
 @r111.8, mb3.67, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JCJ	Chichijima	8.67	334	Op	21 51 33.6	+0.5
JCJ		2.5nm, 0.3s, baz=239, slow=23, SNR=2.0		Pn		
JCJ		2.1nm, 0.3s, baz=253, slow=23, SNR=1.7		Sn	21 53 07.9	-1.5
KSR5	Korea Array	24.23	322	LR	21 03 58.9	
WRA	Warramunga Arr	74.4	197	P	21 05 05.0	-1.5
SONM	Songino Array	43.08	321	P	21 57 27.2	+1.6
ASAR	Alice Springs	44.40	196	P	21 57 35.5	-0.7
TIXI	Tiksi	53.35	353	LR	22 20 39.8	
MKAR	Makanchi Array	58.52	314	P	21 59 21.6	0.0
ILAR	Eielson Array	62.83	26	P	21 59 50.1	-0.5
NVAR	Mina Array Bea	82.27	52	P	22 01 47.3	+0.3
FINES	FINES Array B	86.13	335	P	22 02 07.8	-0.4

IDC 10.22:03:04.4-0.6, 36.04N, 96.86W, h0km, mb3.97,
 mb1.4, 1/16, mb1mx3.9/59, mbtmp3.9/16, ML3.8/9, MS3.8/36,
 Ms1.3/36, ms1mx3.7/55, Error ellipse: *s*-maj=11.3km
s-min=7.9km az=147.0

TUL 10.22:03:05.3-1.2, 35.99N, 0.02:96.80W, 0.4, h3km, 5km,
 ML4.3, mb4.1/20, NEIC, mb, Lg4.5/131, NEIC,
 Mw4.3/62, NEIC, Error ellipse: *s*-maj=5.1km *s*-min=1.9km
 az=108.0

NEIC 10.22:03:05.3-1.2, 36.00N, 0.02:96.81W, 0.4, h2km, 4km,
 Error ellipse: *s*-maj=4.7km *s*-min=2.0km az=106.0
 ANF 10.22:03:05.1-0.1, 36.00N, 96.82W, h2km, ML5.1/23, Error
 ellipse: *s*-maj=1.7km *s*-min=1.5km az=147.0

NEIC 10.22:03:05.4, 36.01N, 96.82W, h5km, Moment Tensor
 Solution: Moment tensor: Scale 10¹⁵Nm, M=0.36,
 Mw=3.13; Mw=2.77; Mo=0.15; Mw=2.14; Mw=1.90; Fault
 plane solution: M4.1, 2000.0, 1015 NP1, 331.0, 1000.0,
 380.54000°, λ=25.50000°. NP2: 65.49000°, 864.87000°,
 λ=169.54000°. Principal axes: T 3.9589, P1g11.0000°,
 Azm21.0000°; N 0.3103, Plg63.0000°, Azm132.0000°; P
 -4.2692, Plg25.0000°, Azm286.0000°.

ISC 10.22:03:05.2-1.0, 36.02N, 0.02:96.83W, 0.02, h7km, 7km,
 n295, @r126/299, mb4.0/16, MS4.0/25, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
OK005	Luther M Schoo	0.47	219	Op	22 03 14.5	+0.2
OK005				Sg	22 03 21.2	+0.8
OK001	Jones High Sch	0.59	220	Pg	22 03 16.6	-0.1
OK001				Sg	22 03 20.5	+0.6
OK009	Oakdale Elemen	0.65	228	Pg	22 03 18.1	+0.2
OK009				Sg	22 03 27.0	+0.7
OKCFA	Oklahoma City	0.79	220	Pg	22 03 19.8	-0.5
OKCFA				Iamb_Lg	22 03 30.0	
OKCFA	comp=Z, 2.1um, 0.9s			Sg	22 03 31.2	+0.6
OKCFA	Oklahoma City	0.79	220	Pg	22 03 19.9	-0.5
OKCFA				S	22 03 31.3	+0.6
OKCFA	baz=41, SNR=272					
OKCSW	OKLAHOMA CITY	0.79	219	Pg	22 03 19.9	-0.5
TUL1	Leonard	0.84	97	Pg	22 03 20.7	-0.8
TUL1	Leonard	0.84	97	Pg	22 03 20.8	-0.8
TUL1				S	22 03 32.9	+0.4
TUL1	Leonard	0.84	97	Pg	22 03 20.7	-0.8
TUL1				S	22 03 32.8	+0.4
FNO	Franklin	0.89	212	Pg	22 03 21.6	-0.8
FNO				Iamb_Lg	22 03 33.6	
T35A	Sooner Cattle	0.93	16	Pg	22 03 23.3	+0.2
T35A				Sb	22 03 36.7	+0.4
T35B	Sooner Cattle	0.93	16	Pg	22 03 23.3	+0.2
U32A	Smith Ranch, M	1.64	210	Pn	22 03 35.0	+0.5
U32A	Winter Ranch, M	1.80	282	Pn	22 03 37.8	+1.1
U32A	Winter Ranch, M	1.80	282	Pn	22 03 38.0	+1.3
U32A				Sb	22 04 03.7	+0.7
X37A	Clayton	1.86	140	Pn	22 03 38.1	+0.6
X37A	Clayton	1.86	140	Pn	22 03 38.0	+0.6
X37A				S	22 04 03.3	+0.3
U38A	Gravette	2.02	77	Pn	22 03 40.3	+0.6
U38A				Iamb_Lg	22 04 11.7	
U38A	comp=Z, 2.1um, 0.7s			Pn	22 03 40.4	+0.6
U38A	baz=258, SNR=677			S	22 04 08.6	+1.0
WMOK	Wichita Mounta	2.05	232	Pn	22 03 40.9	+0.8
WMOK	Wichita Mounta	2.05	232	Pn	22 03 40.9	+0.8
WMOK				S	22 04 07.8	+1.8
WMOK	baz=51			S	22 04 09.2	+0.7
HHAR	Hobbs	2.35	83	Pn	22 03 44.8	+0.5
W39A	Magazine	2.61	107	Pn	22 03 48.5	+0.6
W39A	Magazine	2.61	107	Pn	22 03 48.3	+0.4
W39A	Magazine	2.61	107	Pn	22 03 48.1	+0.2
W39A	Magazine	2.61	107	Pn	22 04 22.4	+2.6
Z35A	Perchaven, San	2.71	188	Pn	22 03 49.6	+0.4
Z35A				Iamb_Lg	22 04 36.9	
Z35A	comp=Z, 1.1um, 0.8s			Pn	22 03 49.8	+0.7
R32A	Long Quarter,	2.83	328	Pn	22 03 51.9	+1.0
R32A				Iamb_Lg	22 04 42.8	
R32A	Long Quarter,	2.83	328	Pn	22 03 52.1	+1.2
R32A				S	22 04 27.7	+2.4
MIAR	Mount Ida	3.04	118	Pn	22 03 54.6	+0.9
MIAR				Iamb_Lg	22 04 48.8	
MIAR	comp=Z, 2.1um, 1.2s			Pn	22 03 54.4	+0.7
MIAR	Mount Ida	3.04	118	Pn	22 03 54.4	+0.7
MIAR	Mount Ida	3.04	118	Pn	22 03 54.4	+0.7
MIAR				S	22 04 32.6	+2.3
KSU1	Kansas State U	3.08	3	Pn	22 03 55.2	+0.8
KSU1				Iamb_Lg	22 04 51.6	
KSU1	comp=Z, 1.1um, 0.6s			Pn	22 03 55.3	+1.0
KSU1	Kansas State U	3.08	3	Pn	22 03 55.0	+0.7
KSU1	Kansas State U	3.08	3	Pn	22 03 55.0	+0.7
KSU1				Sb	22 04 42.6	-1.6
Z38A	Mt. Pleasant	3.14	151	Pn	22 03 55.6	+0.4
Z38A				Iamb_Lg	22 04 47.7	
Z38A	comp=Z, 1.1um, 0.7s			Pn	22 03 55.6	+0.4
Z38A	Mt. Pleasant	3.14	151	Pn	22 04 34.1	+1.2
U40A	Yellville	3.23	83	Pn	22 03 57.0	+0.6
U40A				Iamb_Lg	22 04 53.5	
U40A	comp=Z, 1.1um, 0.7s			Pn	22 03 56.9	+0.5

U40A	Yellville	3.23	83	P	Pn	22 03 56.9	+0.5
U40A	baz=265, SNR=76			S	Sn	22 04 36.4	+1.2
S39A	Bolivar	3.27	58	Pn	Pn	22 03 57.8	+0.9
S39A				Iamb_Lg		22 04 57.1	
S39A	comp=Z, 905nm, 0.8s			P	Pn	22 03 57.6	+0.7
X40A	Basin Creek Fa	3.61	114	Pn	Pn	22 04 02.6	+1.1
X40A	Basin Creek Fa	3.61	114	Pn	Pn	22 04 02.3	+0.7
X40A	Basin Creek Fa	3.61	114	Pn	Pn	22 04 02.4	+0.9
CBK5	Cedar Bluff	3.63	321	Pn	Pn	22 04 03.2	+1.3
CBK5				Iamb_Lg		22 05 08.1	
CBK5	comp=Z, 2.1um, 1.0s			Pb	Pb	22 04 11.9	+2.2
CBK5	Cedar Bluff	3.63	321	Pb	Pb	22 05 08.1	
CBK5				Sb	Sg	22 05 00.7	-1.1
WHAR	Woody Hollow	3.77	100	Pn	Pn	22 04 04.1	+0.4
WHAR				Iamb_Lg		22 05 07.2	
WHAR	comp=Z, 959nm, 0.8s			Pn	Pn	22 04 04.6	+0.2
FCAR	Ozark Folk Cen	3.82	91	Pn	Pn	22 05 11.2	
FCAR				Iamb_Lg		22 05 11.2	
W41B	Gary Mavity, V	3.82	101	Pn	Pn	22 04 05.1	+0.6
W41B	Gary Mavity, V	3.82	101	Pn	Pn	22 04 04.9	+0.4
W41B				Sn	Sn	22 04 51.2	+1.4
W41B				Sb	Sg	22 05 04.9	-3.1
MGMO	Mountain Grove	3.84	71	Pn	Pn	22 04 05.3	+0.6
MGMO				Iamb_Lg		22 05 06.0	
WLAR	White Oak Lake	3.84	126	Pn	Pn	22 04 04.9	+0.2
WLAR				Iamb_Lg		22 05 15.7	
WHXT	Lake Whitney,	4.05	188	Pn	Pn	22 04 07.5	-0.1
WHXT	Lake Whitney,	4.05	188	Pn	Pn	22 04 07.9	+0.2
WHXT				Sb	Sb	22 05 09.9	+3.8
WHXT	Lake Whitney,	4.05	188	Pn	Pn	22 04 07.9	+0.2
WHXT				Pb	Pb	22 04 16.6	-0.3
WHXT				Sb	Sb	22 05 10.0	+3.9
237A	Washetta, Mont	4.10	168	Pn	Pn	22 04 08.1	-0.2
237A				Iamb_Lg		22 05 25.0	
237A	Washetta, Mont	4.10	168	Pn	Pn	22 04 08.3	0.0
237A				S	Sn	22 04 55.2	-1.2
ABTX	Abiene, Hawle	4.11	215	Pn	Pn	22 04 08.3	-0.2
ABTX				Iamb_Lg		22 05 16.8	
ABTX	comp=Z, 1.1um, 1.0s			Pn	Pn	22 04 08.4	-0.1
ABTX	Abiene, Hawle	4.11	215	Pn	Pn	22 04 08.7	+0.2
ABTX				Pb	Pb	22 04 18.7	+0.7
ABTX				S	Sn	22 04 57.4	+0.5
AMTX	Amarillo	4.12	255	Pn	Pn	22 04 09.8	+1.1
AMTX				Pn	Pn	22 04 10.5	+1.7
AMTX				Sb	Sg	22 05 13.7	-4.0
R40A	Maddies Statio	4.29	57	Pn	Pn	22 04 12.0	+1.1
R40A				P	Pn	22 04 11.8	+0.9
Z41A	Richland Creek	4.31	129	Pn	Pn	22 04 11.4	+0.2
Z41A	Richland Creek	4.31	129	Pn	Pn	22 04 11.2	-0.1
Z41A				S	Sn	22 05 02.0	+0.3
P38A	Dawn	4.44	35	Pn	Pn	22 04 14.3	+1.2
P38A				Iamb_Lg		22 05 27.5	
LCAR	Lake Charles	4.60	88	Pn	Pn	22 04 15.3	+0.1
NATX	Nacogdoches	4.61	156	S	Sn	22 05 07.4	-1.9
NATX				S	Sn	22 05 07.4	-1.9
CCAR	Cane Creek	4.65	115	Pn	Pn	22 04 16.0	+0.1
CCAR				Iamb_Lg		22 05 42.1	
T42A	Van Buren	4.73	76	Pn	Pn	22 04 17.2	+0.3
T42A				Iamb_Lg		22 05 34.0	
N33A	Van Buren	4.73	76	Pn	Pn	22 04 17.3	+0.4
N33A	J Bar K, Exete	4.74	354	Iamb_Lg	Iamb_Lg	22 05 46.1	
CCM	Cathedral Cave	4.91	64	Pn	Pn	22 04 20.5	+1.1
CCM	Cathedral Cave	4.91	64	Pn	Pn	22 04 20.5	+1.1
CCM	</						

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Ulaanbaatar, WAKE ISLAND, Sonmigo Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Fush Village, ENA, EWUT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Santiao Chiao, TWB1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Shuangxi, ILA, NWF, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Kastelli Herak, HRKL, etc.

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

10C 20:08:23.2.1.1, 30:44S:72:73W, h0km, mb3.8/3, mb1 4/16, mb1mx3.8/26, mbtmp3.9/6, ML3.9/3, Error ellipse: s-maj=34.7km s-min=26.1km az=133.0

NEIC 10:23:08:24.2.1.1, 30:35S:0:05:72:62W:0:04, h10km, 1km, mb4, 4/8, Error ellipse: s-maj=8.8km s-min=4.8km

GUC 10:23:08:27.6:0.5:30:40S:72:42W, h10km, ML3.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Fray Jorge, La Serena, etc.

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

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

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

Table with columns: AAK, Ala-Archa, comp-Z, 22.93, 48, P, P, 01 22 34.5 +2.0, etc. Lists various stations and their parameters.

Table with columns: RAMN Ramite, LANS LANS, LANS LANS, etc. Lists various stations and their parameters.

Table with columns: SNGZ, NMHZ, NMHZ, etc. Lists various stations and their parameters.

MAN 11 01:34:21.6, 16.38N; 120.59E, h35km, mb4.2, ML3.0, MS2.7, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for the Luzon event.

IDC 11 01:46:26.1 1.6, 6.02S; 147.58E, h72km, 14km, mb4.0/18, mb1.4/21, mb1mx4.1/33, mbtmpt4.3/21, Error ellipse: s-maj=18.9km s-min=10.0km az=86.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for the IDC event.

11d 2h

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, Res ISC. Rows include stations like CTAO, WBO, WR0, WR1, WR2, WR3, WR4, WR5, WR6, WR7, WR8, WR9, WR10, WR11, WR12, WR13, WR14, WR15, WR16, WR17, WR18, WR19, WR20, WR21, WR22, WR23, WR24, WR25, WR26, WR27, WR28, WR29, WR30, WR31, WR32, WR33, WR34, WR35, WR36, WR37, WR38, WR39, WR40, WR41, WR42, WR43, WR44, WR45, WR46, WR47, WR48, WR49, WR50, WR51, WR52, WR53, WR54, WR55, WR56, WR57, WR58, WR59, WR60, WR61, WR62, WR63, WR64, WR65, WR66, WR67, WR68, WR69, WR70, WR71, WR72, WR73, WR74, WR75, WR76, WR77, WR78, WR79, WR80, WR81, WR82, WR83, WR84, WR85, WR86, WR87, WR88, WR89, WR90, WR91, WR92, WR93, WR94, WR95, WR96, WR97, WR98, WR99, WR100.

2015 OCT

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, Res ISC. Rows include stations like CO03, CO04, CO05, CO06, CO07, CO08, CO09, CO10, CO11, CO12, CO13, CO14, CO15, CO16, CO17, CO18, CO19, CO20, CO21, CO22, CO23, CO24, CO25, CO26, CO27, CO28, CO29, CO30, CO31, CO32, CO33, CO34, CO35, CO36, CO37, CO38, CO39, CO40, CO41, CO42, CO43, CO44, CO45, CO46, CO47, CO48, CO49, CO50, CO51, CO52, CO53, CO54, CO55, CO56, CO57, CO58, CO59, CO60, CO61, CO62, CO63, CO64, CO65, CO66, CO67, CO68, CO69, CO70, CO71, CO72, CO73, CO74, CO75, CO76, CO77, CO78, CO79, CO80, CO81, CO82, CO83, CO84, CO85, CO86, CO87, CO88, CO89, CO90, CO91, CO92, CO93, CO94, CO95, CO96, CO97, CO98, CO99, CO100.

406

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, Res ISC. Rows include stations like H03S3, H03S4, H03S5, H03S6, H03S7, H03S8, H03S9, H03S10, H03S11, H03S12, H03S13, H03S14, H03S15, H03S16, H03S17, H03S18, H03S19, H03S20, H03S21, H03S22, H03S23, H03S24, H03S25, H03S26, H03S27, H03S28, H03S29, H03S30, H03S31, H03S32, H03S33, H03S34, H03S35, H03S36, H03S37, H03S38, H03S39, H03S40, H03S41, H03S42, H03S43, H03S44, H03S45, H03S46, H03S47, H03S48, H03S49, H03S50, H03S51, H03S52, H03S53, H03S54, H03S55, H03S56, H03S57, H03S58, H03S59, H03S60, H03S61, H03S62, H03S63, H03S64, H03S65, H03S66, H03S67, H03S68, H03S69, H03S70, H03S71, H03S72, H03S73, H03S74, H03S75, H03S76, H03S77, H03S78, H03S79, H03S80, H03S81, H03S82, H03S83, H03S84, H03S85, H03S86, H03S87, H03S88, H03S89, H03S90, H03S91, H03S92, H03S93, H03S94, H03S95, H03S96, H03S97, H03S98, H03S99, H03S100.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, and various station details like Pinedale Array, Boshof, BOSA, etc.

IDC 11 02:36:15.0:1.3, 17.335:178.89W, h563km, 9km, mb3.4/8, m1 3.7/10, mb1mx3.3/28, mbtmp4.3/10, Error ellipse: s-maj=40.2km s-min=14.4km az=146.0

NEIC 11 02:36:14.6:1.5, 17.55:0.2:178.9W:0.2, h552km, 8km, mb4.5/24, Error ellipse: s-maj=30.9km s-min=20.2km az=157.0

ISC 11 02:36:12.6:0.24, 17.55:0.1:178.83W:0.10, h550km, n60, -1338/64, mb4.6/24, IC, Fiji Islands region

Main table listing station codes (MSVF, MSVF, AFI, etc.), station names, azimuths, phase IDs, and time resolutions for various seismic stations.

Table listing station codes (PDAR, CMAR, LZH, etc.), station names, azimuths, phase IDs, and time resolutions for stations in the Pinedale Array and Lanzhou.

CNRM 11 03:17:33.9:35.71N:3.62W, h17km, ml2.4 SFS 11 03:17:36.0:35.40N:3.66W, ML2.2, ALBORAN SUR MDD 11 03:17:37.1:0.5, 35.38N:3.56W, h2km, 1km, mblq2.1/11, Error ellipse: s-maj=3.2km s-min=1.1km az=30.0, PRXIMO ISC 11 03:17:35.6:1.1, 35.49N:0.03:3.68W:0.03, h10km, 9km, n31, e1f55/51, Strait of Gibraltar

Main table listing station codes (PALE, GOG, EMEL, etc.), station names, azimuths, phase IDs, and time resolutions for stations in the Strait of Gibraltar region.

IDC 11 03:20:47.7:1.3, 23.203:179.97E, h536km, 12km, mb3.5/17, mb1 3.7/18, mb1mx3.6/35, mbtmp4.4/18, Error ellipse: s-maj=16.9km s-min=12.5km az=139.0

NEIC 11 03:20:48.9:1.4, 23.2S:0.1:179.9E:0.2, h544km, 3km, mb4.3/18, Error ellipse: s-maj=22.3km s-min=16.0km az=77.0

NOU 11 03:20:51.6:23.55S:179.52E, h536km, mb4.3/16, South of Fiji Islands

Main table listing station codes (MSVF, MSVF, GLKZ, etc.), station names, azimuths, phase IDs, and time resolutions for stations in the Noumea region.

Main table listing station codes (URZ, MWZ, CNGZ, etc.), station names, azimuths, phase IDs, and time resolutions for stations in the Matawai region.

Error ellipse: s-maj=0.0km s-min=0.0km az=112.9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waiomatatini S, Pakihiroa, Te Kaha, Raukumara Rang, Carnagh Station, etc.

IDC 11 03:41:55.7±3.7, 16.92S±169.02E, h0km, mb3.0/2, mb1 4.2/2, mb1mx3.6/36, mbtmp4.0/2, Error ellipse: s-maj=241.7km s-min=44.0km az=153.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, FINESS Array B, etc.

IDC 11 03:52:45.1±17.0, 6.82S±127.57E, h136km, mb3.5/1, mb1 3.1/4, mb1mx3.0/45, mbtmp3.5/4, ML3.3/3, Error ellipse: s-maj=157.3km s-min=56.0km az=43.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

IDC 11 03:53:47.2±2.2, 2.45S±127.49E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/54, mbtmp3.5/3, ML3.7/1, MS3.2/1, Ms1 3.2/1, mb1mx2.4/24, Error ellipse: s-maj=150.0km s-min=28.4km az=66.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Baumata, Warramunga Arr, Alice Springs, etc.

ISK 11 03:58:06.0, 35.09N±26.69E, h1km, ML3.2/18 ATH 11 03:58:07.1, 34.91N±26.66E, h10km, 31km, ML3.1/4, Error ellipse: s-maj=31.6km s-min=2.3km az=0.0 DDA 11 03:58:10.0, 35.00N±26.71E, h20km, 38km, MW3.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zakros, Neapolis, Herakleio, Anoyia, Nisyros Isl, etc.

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

ISK 11 04:00:11.6, 35.21N±35.45E, h19km, ML2.2/9 GRAAL 11 04:00:14.4±0.4, 35.35N±35.35E, h4km, 6km, MD3.2 DDA 11 04:00:15.9, 35.55N±35.34E, h7km, 4km, ML2.5

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

IDC 11 04:04:01.7±1.2, 33.57S±178.66W, h0km, mb4.3/5, mb1 4.4/6, mb1mx4.0/26, mbtmp4.3/6, ML4.3/1, MS3.9/3, Ms1 3.9/3, ms1mx3.2/36, Error ellipse: s-maj=31.7km s-min=27.9km az=127.0

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

WEL 11 04:04:04.2±1.2, 34.52S±171.9W, 3.3, h33km, M4.7/13, Mb5.3/6, ML5.0/13, ML4.7/13, Mw(MB)4.7/13, Error ellipse: s-maj=0.1km s-min=0.0km az=122.7

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

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

IDC 11 04:27:53.5±1.5, 4.17S±126.23E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.2/45, mbtmp3.2/3, ML2.9/1, Error ellipse: s-maj=171.8km s-min=15.1km az=64.0, Banda Sea

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

IDC 11 04:38:18.6±2.3, 33.59S±178.62W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/34, mbtmp4.0/3, ML4.2/1, MS3.3/2, Ms1 3.2/1, ms1mx2.9/29, Error ellipse: s-maj=62.1km s-min=34.2km az=125.0

WEL 11 04:38:23.4±0.8, 33.57S±179.0W, 2.9, h33km, M4.2/9, mb4.8/7, ML4.5/12, ML4.3/9, Mw(MB)4.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=112.2

ISC 11 04:38:23.8±1.7, 33.55S±178.8W, 0.3, h35km, n22, r1500/31, South of Kermadec Islands

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

IDC 11 04:46:25.0±7.6, 36.37N±138.45E, h178km, 2km, mb3.4/8, mb1 3.5/11, mb1mx3.3/38, mbtmp4.0/11, MS2.1/1, Ms1 2.2/1, ms1mx2.0/32, Error ellipse: s-maj=31.3km s-min=9.1km az=69.0

JMA 11 04:46:26.2±0.2, 36.29N±138.42E, h180km, 2km, M3.3

ISC 11 04:46:29.0±7.7, 36.34N±138.39E, 0.06, h180km, 5km, n29, r056/39, mb3.7/8, Eastern Honshu

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

DJA 11 04:49:32.4±1.7, 10.57S±119.92E, h15km, 15km, M3.9/12,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUU Kurly, HATHI Halema'uma'u T, KUU Kurly, etc.

DJA 11 07:00:16.7±0.2, 0°N, 3°12'0E, h64km, 7km, M4, 6/13, mb4.7/7, mB5.2/6, MLV4.6/13, Mw(mB)4.6/6

DC 11 07:00:17.1±0.8, 0°02'S, 120°28'E, h70km, 8km, mb3.7/13, mb1.3/15, mb1mx3.6/43, mbtmp4.0/15, MS3.0/2, Ms1.3/0.2, ms1mx2.6/32, Error ellipse: s-maj=29.1km s-min=11.4km az=80.0

NEIC 11 07:00:17.9±1.1, 0°04'N, 0°06'120°11'E, 0.0-0.9, h75km, 8km, mb4.1/14, Error ellipse: s-maj=14.6km s-min=3.9km az=122.0

ISC 11 07:00:15.4±0.5, 0.00±0.05, 120°11'E, 0°05', h50km, n51, n149/54, mb4.1/20, Minahassa Peninsula, Sulawesi

Main table for Pacific Ocean region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOLIZ Tolitoli, SSKI Sangatta, KUU Kurly, etc.

NEIC 11 07:09:40.2±1.2, 2.23°N, 10°14'0W, h15km, 10km, Error ellipse: s-maj=1490.3km s-min=14.7km az=169.0, North Pacific Ocean

Table for NEIC 11 07:09:40.2±1.2, 2.23°N, 10°14'0W, h15km, 10km, Error ellipse: s-maj=1490.3km s-min=14.7km az=169.0, North Pacific Ocean

Table for 2015 OCT region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STCH Steam Cracks, PUH Pauahi, HATHI Halema'uma'u T, etc.

DC 11 08:11:48.9±3.7, 27°21'N, 142°44'E, h28km, 26km, mb3.7/8, mb1.3/9, mb1mx3.6/40, mbtmp3.9/9, ML2.8/1, MS3.1/3, Ms1.3/1.3, ms1mx2.6/45, Error ellipse: s-maj=22.1km s-min=11.0km az=134.0

JMA 11 08:11:48.5±2.7, 15°N, 142°59'E, h29km, M3.9 JMA Felt J1

NEIC 11 08:11:50.7±1.1, 27°25'N, 0°06:142°3E, 0.1, h35km, 1km, mb4.6/9, Error ellipse: s-maj=18.1km s-min=8.6km az=97.0

ISC 11 08:11:49.1±0.7, 27°20'N, 0°07:142°47'E, 0.08, h33km, n39, n189/34, mb4.3/14, Bonin Islands region

Main table for 2015 OCT region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichijima, JCHJ Chichijima, etc.

DC 11 08:15:49.4±4.9, 17.39°S, 178°30'W, h544km, 24km, mb2.9/3, mb1.3/14, mb1mx2.8/28, mbtmp3.7/4, Error ellipse: s-maj=175.2km s-min=29.8km az=143.0, Fiji Islands region

Table for DC 11 08:15:49.4±4.9, 17.39°S, 178°30'W, h544km, 24km, mb2.9/3, mb1.3/14, mb1mx2.8/28, mbtmp3.7/4, Error ellipse: s-maj=175.2km s-min=29.8km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, ILAR, GERES.

DC 11 08:34:46.9±1.0, 24°81'N, 93°94'E, h0km, mb3.8/10, mb1.3/9, mb1mx3.7/43, mbtmp3.7/11, ML3.5/1, MS3.3/3, s-min=15.0km az=59.0

NDI 11 08:34:53.4±2.5, 24°86'N, 94°16'E, h20km, ML4.2, BUJ 11 08:34:56.2±0.0, 25°54'N, 93°92'E, h10km, mb4.3/1, mb2.9/10, ML3.9/2

ISC 11 08:34:51.8±1.5, 24°84'N, 0°06:94°26'E, 0.06, h30km, 10km, n24, n188/31, mb3.8/11, Myanmar-India border region

Main table for 11d 8h region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOHI Kohima, SILR Silchar, MOKO Mokochohng, etc.

TUL 11 08:49:51.3±1.3, 36°59'N, 0°02:98°39'W, 0.03, h5km, 7km, ML3.3, mb, Lg3.1/67(NEIC), Error ellipse: s-maj=3.3km s-min=2.9km az=82.0

ANF 11 08:49:52.1±0.6, 36°53'N, 98°36'W, h8km, 5km, ML3.7/12, Error ellipse: s-maj=3.7km s-min=2.4km az=57.0

NEIC 11 08:49:52.0±1.4, 36°57'N, 0°04:98°34'W, 0.05, h11km, 7km, Error ellipse: s-maj=5.5km s-min=4.8km az=113.0

ISC 11 08:49:51.8±1.5, 24°84'N, 0°06:94°26'E, 0.05, h9km, 14km, n74, n187/56, Oklahoma

Main table for 11d 8h region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, etc.

Table with columns: Station Name, Code, Station Name, Time, Res, etc. Includes stations like Kaye Shedlock, Bolivar, Mt. Pleasant, etc.

Table with columns: Station Name, Code, Station Name, Time, Res, etc. Includes stations like KUR, YSS, YSS, etc.

Table with columns: Station Name, Code, Station Name, Time, Res, etc. Includes stations like SCRR, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SKHL, MOS, IDC, NEIC, etc.

Table with columns: Station Name, Code, Station Name, Time, Res, etc. Includes stations like USRK, USRK, ZEA, etc.

Table with columns: Station Name, Code, Station Name, Time, Res, etc. Includes stations like ARU, ARU, YKA, etc.

11d 11h

Table with columns: MDOK, Time, Az, El, Sg, Res. Includes entries like MDOK 9.9nm, 1.0s, 4.94 261 Pg, MDOK 4.2nm, 0.6s, 5.05 259 eP, etc.

NOU 11 11:53:22.5, 28.92S, 178.22W, h301km, mb4, 4/24, Kermadec Islands Region

IDC 11 11:53:23.4, 0.4, 28.51S, 178.73W, h275km, 4km, mb4, 2/21, mb1 4.3/25, mb1mx4.2/38, mbtmp4.9/25, Error ellipse: s-maj=11.3km s-min=10.8km az=86.0

NEIC 11 11:53:23.7, 1.3, 28.51S, 0.04x178.7W, 0.1, h280km, 6km, mb4.5/41, Error ellipse: s-maj=17.6km s-min=8.5km az=111.0

WEL 11 11:53:24.0, 0.6, 30.7, 177.7W, 1.6, h274km, 5km, M4.2/24, mb4.9/24, ML5.4/1, MLV4.6/2, Mw(mb)4.2/24, Error ellipse: s-maj=0.0km s-min=0.0km az=112.3

ISC 11 11:53:24.8, 0.3, 28.76S, 0.04x178.5W, 0.06, h300km, n343, r193/351, mb4.4/39, 14C-11D, Kermadec Islands region

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Lists various stations like RIZ Raoul Island, RAO Raoul Island, GLKZ Green Lake, etc.

2015 OCT

Main table with columns: AFI, Time, Az, El, Sg, Res. Includes entries like AFI Afiamalu 16.07 25 P P, AFI Afiamalu 16.07 25 P P, KOUNC Koumac, New Ca 17.58 294 P P, etc.

418

Main table with columns: ILAR, Time, Az, El, Sg, Res. Includes entries like ILAR Elnor Array 96.45 13 P P, CPUP comp=Z, 0.4nm, 0.6s, baz=270, slow=1.6, SNR=4.4, SONM Songino Array 101.59 318 PKKPbc, etc.

11d 13h

JOW	Kunigami	27.54	232	P	P	13 37 42.1	-0.8
JOW	comp=Z,40nm,0.9s			I	Amb	13 37 44.7	
TIA	Tai'an	28.29	261	P	P	13 37 50.3	+0.8
TIA	comp=Z,11nm,0.8s			P	pmx		
ANM	Nome	29.01	37	P	P	13 37 55.9	+0.4
ANM	comp=Z,81nm,1.3s			P	pmx		
ANM	Nome	29.01	37	P	P	13 37 55.9	+0.4
ANM	comp=Z,81nm,1.3s			I	Amb	13 38 11.6	
H11N2	WAKE ISLAND Hy	29.34	151	T	T	14 09 19.4	
H11N1	WAKE ISLAND Hy	29.35	151	T	T	14 09 24.5	
H11N3	WAKE ISLAND Hy	29.35	151	T	T	14 09 25.5	
NJ2	Nanjing	29.58	252	eP	P	13 38 02.1	+1.3
NJ2	comp=Z,15nm,0.5s			P	pmx		
HHC	Hu-ho-hao-te	29.89	274	eP	P	13 38 03.7	0.0
HHC	comp=Z,24nm,0.9s			S	pmx	13 42 48.1	-7.0
HHC	comp=Z,24nm,0.9s			P	pmx		
HHC	comp=Z,210nm,4.0s			LR	LR		
HHC	comp=Z,310nm,13.1s			LR	LR		
HHC	comp=Z,260nm,12.4s			LR	LR		
H11S1	WAKE ISLAND Hy	30.41	153	T	T	14 10 41.0	
H11S3	WAKE ISLAND Hy	30.42	153	T	T	14 10 41.6	
H11S2	WAKE ISLAND Hy	30.43	153	T	T	14 10 41.5	
ULN	Ulaanbaatar	30.54	289	eP	P	13 38 09.1	-0.3
ULN	comp=Z,14nm,1.3s			P	pmx		
ULN	Ulaanbaatar	30.54	289	P	P	13 38 08.1	-1.3
ULN	comp=Z,26nm,0.8s			I	Amb	13 38 16.7	
CNBA	Chernabura Isl	30.85	57	P	P	13 38 12.7	+0.8
CNBA	comp=Z,56nm,1.2s			I	Amb	13 38 32.9	
SOMN	Songino Array	30.97	289	P	P	13 38 12.4	-0.8
SOMN	comp=Z,2.7nm,0.9s,baz=67,slo=-8.9,SNR=12			P	pmx		
SOMN	comp=Z,1.8nm,0.6s,baz=89,slo=-2.0,SNR=5.2			P	pmx		
SOMN	comp=Z,364nm,18.6s,baz=76,slo=-38			LR	LR	13 51 45.1	
SOMN	Songino Array	30.97	289	P	P	13 38 12.8	-0.4
SOMN	comp=Z,19nm,1.2s			P	pmx		
SOMN	Songino Array	30.97	289	P	P	13 38 12.8	-0.4
ZAK	Zakamensk	32.34	295	eP	P	13 38 23.6	-1.6
ZAK	comp=Z,9.0nm,1.0s			P	pmx		
SVW2	Sparrowhawk	32.84	45	P	P	13 38 30.6	+1.3
O18K	Koktuh Hills	33.01	47	P	P	13 38 31.8	+1.1
O18K	comp=Z,28nm,1.4s			I	Amb	13 38 56.8	
L19K	White Mountain	33.24	43	P	P	13 38 33.8	+1.0
M19K	Big River Lodg	33.45	43	P	P	13 38 34.6	+0.1
MOY	Mondy	33.47	298	eP	P	13 38 36.5	+1.5
MOY	comp=Z,33nm,1.0s			P	pmx		
WHN	Wuhan	33.51	255	iP	P	13 38 36.3	+0.9
K20K	Teilda	33.67	41	P	P	13 38 37.1	+0.5
J20K	Novinta River	33.71	39	P	P	13 38 37.4	+0.6
J20K	comp=Z,21nm,1.4s			I	Amb	13 38 38.8	
J20K	Novinta River	33.71	39	P	P	13 38 37.9	+1.1
J20K	comp=Z,265			P	P	13 38 38.5	+0.5
O19K	Cape Douglas	33.84	49	P	P	13 38 40.4	+0.4
IMAR	Indian Mountai	34.08	36	P	P	13 38 40.4	+0.4
OHAK	Old Harbor	34.16	52	P	P	13 38 40.4	-0.3
OHAK	comp=Z,24nm,0.8s			I	Amb	13 38 40.4	-0.3
YULB	Yu-li	34.17	238	P	P	13 38 41.7	+0.5
YULB	comp=Z,29nm,1.2s			I	Amb	13 38 58.1	
H21K	Melozitna Rive	34.43	37	P	P	13 38 43.3	+0.6
H21K	comp=Z,29nm,1.4s			I	Amb	13 38 45.0	
H21K	Melozitna Rive	34.43	37	P	P	13 38 44.0	+1.0
KDAK	Kodiak Island	34.48	51	iP	P	13 38 44.1	+0.6
KDAK	comp=Z,26nm,0.9s			P	pmx		
KDAK	Kodiak Island	34.48	51	P	P	13 38 43.2	-0.3
KDAK	comp=Z,24nm,0.8s			I	Amb	13 38 44.6	
KDAK	Kodiak Island	34.48	51	P	P	13 38 43.3	-0.1
CAST	Castle Rocks	34.57	41	P	P	13 38 44.0	-0.3
CAST	comp=Z,14nm,1.2s			I	Amb	13 38 46.7	
CAST	Castle Rocks	34.57	41	P	P	13 38 45.7	+1.4
TPUB	Ta-pu	34.63	239	P	P	13 38 44.7	-0.5
TWG	Pinlang	34.74	238	P	P	13 38 45.5	-0.6
SKT	Skwentna	34.80	43	P	P	13 38 47.6	+1.4
SKT	comp=Z,270			P	pmx	13 38 48.1	+1.9
CNPM	China Pool	35.04	48	P	P	13 38 48.7	+0.3
CNPM	comp=Z,15nm,1.0s			I	Amb	13 39 00.0	
KTH	Kantishna Hill	35.10	41	P	P	13 38 49.7	+0.9
KTH	comp=Z,27nm,1.0s			I	Amb	13 38 51.2	
XAN	Xi'an	35.10	265	P	P	13 38 49.6	+0.4
XAN	comp=Z,34nm,0.8s			P	pmx	13 39 07.1	-0.6
XAN	Xi'an	35.10	265	P	P	13 38 49.6	+0.4
XAN	comp=Z,240nm,13.7s			LR	LR	13 38 56.4	+1.7
XAN	comp=Z,220nm,13.7s			LR	LR		
SUA	Susitna One	35.18	44	P	P	13 38 49.8	+0.2
BRK	Bradley Lake	35.20	47	P	P	13 38 49.8	+0.1
BRK	comp=Z,36nm,1.4s			I	Amb	13 38 52.6	
MLY	Manley	35.24	38	P	P	13 38 50.1	+0.1
MLY	comp=Z,29nm,1.4s			P	pmx	13 38 49.9	-0.1
CUT	Chulitna	35.39	43	P	P	13 38 51.5	+0.2
COLD	Coldfoot	35.64	34	P	P	13 38 54.0	+0.7
COLD	comp=Z,9.3nm,0.5s			I	Amb	13 38 55.7	
COLD	Coldfoot	35.64	34	P	P	13 38 54.1	+0.8
COLD	comp=Z,264,SNR=7.2			P	pmx		
BWN	Browne	35.75	39	P	P	13 38 56.5	+2.1
H23K	Yukon River	35.78	37	P	P	13 38 55.8	+1.7
H23K	comp=Z,270			P	pmx	13 38 56.4	+1.7
I23K	Minto, Yukon-K	35.83	38	P	P	13 38 54.0	-1.0
I23K	comp=Z,269			P	pmx	13 38 56.4	+1.4
SEW	Seward	35.89	46	P	P	13 38 54.4	-1.2
SEW	comp=Z,37nm,1.4s			I	Amb	13 39 02.5	
NEA2	Nenana	35.94	39	P	P	13 38 56.3	+0.3
NEA2	comp=Z,9.5nm,0.8s			I	Amb	13 38 57.8	
NEA2	Nenana	35.94	39	P	P	13 38 57.0	+1.0
NEA2	comp=Z,269			P	pmx		
PMR	Palmer	35.95	44	P	P	13 38 55.8	-0.3
PMR	comp=Z,20nm,1.2s			P	pmx		
PMR	Palmer	35.95	44	P	P	13 38 55.8	-0.3
PMR	comp=Z,20nm,1.2s			I	Amb	13 38 58.6	
MCK	McKinley	35.98	40	P	P	13 38 55.4	-1.0
MCK	comp=Z,9.0nm,0.8s			P	pmx		
MCK	McKinley	35.98	40	P	P	13 38 55.4	-1.0
MCK	comp=Z,270			P	pmx	13 38 57.1	+0.7
RND	Reindeer	36.02	41	P	P	13 38 56.6	-0.2
RND	comp=Z,13nm,1.0s			P	pmx		

2015 OCT

RND	Reindeer	36.02	41	P	P	13 38 56.6	-0.2
RND	comp=Z,13nm,1.0s			I	Amb	13 38 58.0	
TOLK	Toolik Lake Re	36.04	32	P	P	13 38 57.6	+0.8
TOLK	comp=Z,13nm,1.0s			P	pmx	13 38 57.9	+1.1
TOLK	Toolik Lake Re	36.04	32	P	P	13 38 57.9	+1.1
TOLK	comp=Z,24nm,1.3s			I	Amb	13 38 56.5	-0.5
GHO	Glory Hole Cre	36.04	44	P	P	13 38 59.3	+0.3
GHO	comp=Z,24nm,1.3s			I	Amb	13 39 01.1	
WAT1	Susitna Watana	36.17	42	P	P	13 38 58.2	+0.2
WAT1	comp=Z,17nm,0.9s			P	pmx		
KNK	Knik Glacier	36.28	44	P	P	13 38 59.5	+0.5
KNK	comp=Z,17nm,0.9s			I	Amb	13 39 01.1	
KNK	Knik Glacier	36.28	44	P	P	13 38 59.5	+0.5
KNK	comp=Z,9.7nm,0.8s			I	Amb	13 39 01.1	
MDM	Murphy Dome	36.30	38	P	P	13 39 00.2	+0.9
MDM	comp=Z,2.7nm,0.9s			I	Amb	13 39 02.6	
SML	Sawmill	36.32	44	P	P	13 39 01.1	+0.6
SML	comp=Z,2.7nm,0.9s			P	pmx	13 39 02.6	
WRH	Wood River Hill	36.36	39	P	P	13 39 01.1	+0.6
WRH	comp=Z,13nm,1.1s			I	Amb	13 39 02.6	
PWL	Port Wells	36.38	45	P	P	13 38 59.1	-0.7
PWL	comp=Z,21nm,1.0s			I	Amb	13 39 00.8	
TCOL	CIGO, UAF Yank	36.46	38	P	P	13 39 01.4	+1.1
TCOL	comp=Z,17nm,0.7s			I	Amb	13 39 02.4	
TCOL	CIGO, UAF Yank	36.46	38	P	P	13 39 01.6	+1.2
TCOL	comp=Z,17nm,0.7s			I	Amb	13 39 01.6	+1.2
COLA	College	36.46	38	P	P	13 39 01.6	+1.2
COLA	comp=Z,18nm,0.7s			P	pmx	13 39 02.4	
COLA	College	36.46	38	P	P	13 39 01.6	+1.2
COLA	comp=Z,18nm,0.7s			I	Amb	13 39 02.4	
H24K	Noodor Dome	36.47	37	P	P	13 39 01.5	+0.9
H24K	comp=Z,11nm,0.6s			P	pmx	13 39 02.0	+1.4
H24K	Noodor Dome	36.47	37	P	P	13 39 01.5	+0.9
H24K	comp=Z,23nm,1.1s			I	Amb	13 39 04.9	
CCB	Clear Creek Bu	36.48	39	P	P	13 39 01.2	+0.6
DHY	Denali Highway	36.70	41	P	P	13 39 01.6	-1.0
DHY	comp=Z,14nm,1.0s			I	Amb	13 39 26.2	
SCM	Sheep Creek Mo	36.79	43	P	P	13 39 03.8	+0.4
SCM	comp=Z,23nm,1.1s			P	pmx		
SCM	Sheep Creek Mo	36.79	43	P	P	13 39 03.8	+0.4
SCM	comp=Z,23nm,1.1s			I	Amb	13 39 11.1	
HDA	Harding Lake	36.85	39	P	P	13 39 03.7	-0.1
HDA	comp=Z,11nm,0.6s			I	Amb	13 39 04.9	
HDA	Harding Lake	36.85	39	P	P	13 39 04.1	+0.4
HDA	comp=Z,271,SNR=9.6			P	pmx	13 39 20.8	
IL31	Il-31	36.87	38	P	P		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like JAY Jayapura, SHLS Shalkode, UZB Uzunbulak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GKN Gorkha, KK31 Karatay Array, DANN Dangsing, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LOF Lotofen, VCNR Virginia City, FCC Fort Churchill, etc.

11d 13h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like CDF Champ du Feu, ABTA Oil Creek Stat, M54A Han Pijesak, etc.

2015 OCT

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like CABF La Chapelle, FNA Florina, YER State Game Ln, etc.

426

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ESDC Tabatinga, MTE Manteigas, KEST Kesra, etc.

NEIC 11 13:59:24.5/2.0, 31:39S/0.0:06:69:25W/0.0:06, h1 17km, 6km, mb, 2.2 Error ellipse: s-maj=8.9km s-min=6.9km az=177.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like ZON Zonda, CO03 El Pedregal, etc.

11d 16h

Table with columns: DGS, MTBS, TNSS, MDOK, KOTS, KTBS, KUU, CHKK, SATY, ARXS, ARXS, PDGK, SKHL, JMA, ISC, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Nemuro 2, Nemuro-Hokkai, Yuzh-Kuril'sk, YUK, GRPR, JKH, JRA, JNS, AKK, JNK, JAK, KUR, JTKR, JAR.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like TBW1, NTC, NTC, TIPB, NWF, NWF, WFSB, WFSB, ILA, ILA, JYNG, JYNG, NDS, NDS.

2015 OCT

Main table with columns: YOJ, TWE, EWUT, ENA, TWA, PCYT, ENTT, YMO1, NHHH, NHDH, NWLW, EHW, TWY, TAP, NDT, ANP, ANP, NTST, TWS1, TWS1, YHNB, YHNB, NSK, NSK, ETL, ETL, NACB, NACB, NNS, NNS, ETHL, ETHL, TWD, TWD, NCU, NCU, NCUH, NCUH, HWA, HWA, FUSS, FUSS, WHF, WHF, LIOB, LIOB, TDCB, TDCB, TDCB, TDCB, NSTT, NSTT, IRIF, IRIF, HSN, HSN, ESL, ESL, CHGB, CHGB, OWD, OWD, OWD, OWD, WHP, WHP, EGFH, EGFH, HATJ, HATJ, NSY, NSY, JKRS, JKRS, TWQ1, TWQ1, WCS, WCS, HGSO, HGSO, JIJ, JIJ, EHY, EHY.

428

Table with columns: SMLT, SSSLB, SSSLB, TYC, TYC, JISG, YULB, YULB, WNT, WNT, YUS, YUS, FULB, FULB, ALS, ALS, CHN5, CHN5, WRL, WRL, ELDTW, ELDTW, CHN4, CHN4, TPUB, TPUB, WTP, WTP.

IDC 11 15:43:47.0-2.5, 6.60S, 129.63E, h0km, mb3.3/1, mb1.3, 3.3, mb1mx3.2/2.1, mbtmp3.0/3, ML2.8/2, Error ellipse: s-maj=148.5km s-min=33.9km 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 11 15:59:48.3-2.8, 6.78S, 126.58E, h435km, 31km, mb2.5/1, mb1.2, 6.4, mb1mx2.5/3.8, mbtmp3.4/4, Error ellipse: s-maj=55.9km s-min=17.7km az=64.0, Banda Sea

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

IDC 11 16:03:29.2-7.6, 4.76N, 95.08E, h0km, mb3.2/3, mb1.3, 3.5/3, mb1mx3.3/4.1, mbtmp3.2/3, Error ellipse: s-maj=384.1km s-min=31.4km az=57.0, Northern Sumatra

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

IDC 11 16:16:41.5, 9.68N, 69.85W, h5km, MW3.7, ISC 11 16:16:42.6-3.6, 9.67N, 0.04, 69.79W, 0.03, h15km, 26km, n38, c182/46, 1C, Venezuela

JMA 11 16:29:53.9,0.1,27.53N,140.78E,h373km,M3.8
ISC 11 16:29:51.4,0.8,27.22N,0.1,140.71E,0.1,h350km,n28,
e1914/31,mb3.4/13,Bonin Islands region

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

IDC 11 16:33:20.2,1.2,49.66S,125.57E,h0km,mb3.7/4,
mb1 3.9/4,mb1mx3.6/31,mbtmp3.7/4,Error ellipse:
s-maj=78.5km s-min=23.2km az=88.0, Western
Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

SJA 11 16:54:51.7,0.7,30.62S,72.12W,h4km,4km,ML4.7,
MW4.4

IDC 11 16:54:54.2,0.6,30.68S,71.62W,h0km,mb4.5/9,
mb1 4.6/14,mb1mx4.4/28,mbtmp4.4/14,ML4.0/5,MS4.1/12,
MS1 4.1/12,ms1mx3.8/29,Error ellipse: s-maj=22.6km
s-min=17.1km az=82.0

VAO 11 16:54:56.7,0.5,30.63S,71.67W,h10km,mb4.8
NEIC 11 16:54:59.3,0.2,30.63S,0.04,71.89W,0.07,h24km,4km,
mb5.0/51,Mw4.6/56,ML4.8(GUC),Error ellipse:
s-maj=9.4km s-min=6.3km az=103.0

GUC 11 16:54:58.0,0.7,30.70S,71.71W,h40km,1km,ML4.8
NEIC 11 16:54:59.3,0.6,30.67S,71.72W,h34km,Moment Tensor
Solution. Moment tensor: Scale 10^15Nm, Mrr:8.9;
Mss:7.9; Mss:7.9; Mss:1.5; Mss:1.9; Mss:4.7; Fault
plane solution: M=9.16000x10^15 NP1=35.830000*
328.71000*,1.98.50000*. NP2=164.12000*,61.64000*,
7.85.37000*. Principal axes: T 8.3939, P1g7.0000*,
P2g7.769, P3g17.0000*. Azm258.0000*,

ISC 11 16:54:59.1,0.7,30.68S,0.02,71.66W,0.04,h31km,4km,
n243,1345/249,mb4.9/34,MS4.2/12,2C-3D,Near coast
of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

Table with columns: AUSP, Station Name, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: Station Name, Time, Res, ISC. Lists seismic stations and their parameters.

11d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW, ECSD, O20A, CCUT, F36A, TCRU, D41A, JLU, PDAR, BOSHA, BOSB, NVAR, ELK, TORO, CASY, ULM, LBTB, SCHZ, URZ, ESDC, DZM, BRTR, WRA, H1S2, H1S1, H1S3, H1N3, H1N1, H1N2, KLMR, ZALV, ZALV, KSH, MKAR, CMAR, CMAR.

Table for Nicaragua: INET 11 17:16:21.6, 12:94N-86:56W, h18km, MW3.6. SNET 11 17:16:26.5-0.8, 12:42N-86:95W, h8km, 22km, ML3.3. Includes stations like CNCH, LNCI, LCND, COEB, MRL.

Table for Taiwan: TAP 11 17:23:29.6, 24:41N, 121:79E, h19km, ML3.2. JMA 11 17:23:29.6, 24:36N, 121:74E, h29km, 2km, M2.5. Includes stations like EWUT, ENA, EHP, EHL, NDS, ETL, ETL, NACB, ENTT, NDT, TWE, TWE, ETLH, ETLH, ILA, ILA, TWD, TWD, NNS, NNS, NTC, NTC, NTC, NWT, NWT, YHNB.

2015 OCT

Main table with columns: YHNB, NSK, NSK, ETM, ETM, FUSS, FUSS, TIPB, TIPB, WHF, WHF, WHF, TEYL, TWT, TWT, TWA, TWA, NHHD, NHHD, TDCB, TDCB, TDCB, TWB1, TWB1, NWF, NWF, CHGB, CHGB, CHGB, ES, ES, TAP, TAP, OWD, OWD, LIOB, LIOB, YM01, YM01, YM01, NSTT, NSTT, NSTT, TWS1, TWS1, WHP, WHP, EGFH, EGFH, ANP, ANP, SBCB, SBCB, SBCB, TWY, TWY, TWY, WCS, WCS, NMLH, NMLH, NMLH, TWQ1, TWQ1, TWQ1, HGSD, HGSD, SMLT, SMLT, SSLB, SSLB, EHY, EHY, TYC, TYC, WDJ, WDJ, YOJ, YOJ, YOJ, YULB, YULB, EYUL, EYUL, WNT, WNT, WNT, YUS, YUS, ALS, ALS, FULB, FULB, CHN5, CHN5, CHN5, WDLH, WDLH, WDLH, WRL, WRL, WRL, ELDTW, ELDTW, EDH, EDH, CHN4, CHN4, CHN4, TPUB, TPUB, TPUB, STYH, STYH, WTP, WTP, WTP, WSF, WSF, TWK, TWK, TWK, CHN1, CHN1, CHN1.

430

Table with columns: TWGBT, IRIF, IRIF, JKRS, JKRS, JKRS, JIJS, JIJS, JIJS, IDC, IDC, MEX, MEX, ISC, ISC. Includes stations like Beinau, Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Ishigakijimahi, La Paz, La Paz, CSIG, CSIG, SRIG, SRIG, SSIG, SSIG, HSG, HSG, HPIG, HPIG, MAIG, MAIG, PDIG, PDIG, NZIG, NZIG, TXAR, TXAR, TXAR, PFO, PFO, ANMO, ANMO, ANMO, NVAR, NVAR, ELK, ELK, CMIG, CMIG, PDAR, PDAR, PDAR, YBH, YBH, NEW, NEW, TKL, TKL, JTS, JTS, YKA, YKA, ILAR, ILAR.

Table for North Atlantic Ocean: OTT 11 17:58:21.0-4.0, 42:19N-55:47W, h18km, ML3.9/7. Atlantic Ocean. 547km south from Grand Bank, NI. Includes stations like GBN, GBN, GBN, CHEG, CHEG, CHEG, DRLN, DRLN, DRLN, LMN, LMN, LMN, ELNB, ELNB, ELNB, WCNB, WCNB, WCNB, BATG, BATG, BATG, NATG, NATG, NATG, PKME, PKME, PKME, GSO, GSO, GSO, ICQ, ICQ, ICQ.

Table for North Atlantic Ocean: OTT 11 18:24:53.6-0.5, 42:23N-55:41W, h18km, ML3.8/6. Atlantic Ocean. 543km south from Grand Bank, NI. Includes stations like GBN, GBN, GBN, CHEG, CHEG, CHEG, HAL, HAL, DRLN, DRLN, DRLN, LMN, LMN, LMN, SVNB, SVNB, ELNB, ELNB, ELNB, WCNB, WCNB, WCNB, HKNB, HKNB, SRNB, SRNB, SRNB, BATG, BATG, BATG.

Table with columns: DDIM, comp, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, CAEL Denizli, AYDN Tasoluk, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TINTI Ternate, SGTI Sangihe, SJI Sorong, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, EIDS Eidsvoll, BBOO Babelo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, SDV Santo Domingo, YKA Yellowknife Arr, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, MKAR Makanchi Array, MKAR Makanchi, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, LUGP Puerto Galera, PGP PGP, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRO Warramunga Arr, YHNB YHNB, PSA00 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alibeck, ABKAR Abkarak array, ABKAR Abkarak array, etc.

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNSA VNSA, KDAK Kodiak Island, SKT Skwentna, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA Norsar Array, MAJO Matsushiro, MAJO Matsushiro, etc.

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

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

s-maj=49.1km s-min=21.9km az=99.0, NEIC 11 20:45:56.5, 1.0, 59.83N, 0.03:153.79W, 0.08, h157km, 4km, Error ellipse: s-maj=6.0km s-min=4.9km az=86.0

AEIC 11 20:45:56.6, 0.8, 59.80N, 0.04:153.77W, 0.06, h152km, 4km, ML3.5, ML3.6/102(NEIC), Error ellipse: s-maj=5.7km s-min=3.7km az=202.0

ISC 11 20:45:56.6, 0.8, 59.80N, 0.04:153.71W, 0.04, h158km, 5km, n265, 0978/255, Southern Alaska

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

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

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

IDC 11 21:13:56.2, 3.9, 25:57N, 96:32E, h71km, 41km, mb3.4/7, mb1 3.5/8, mb1mx3.3/46, mbtmp3.7/8, ML4.2/1, Error ellipse: s-maj=82.2km s-min=15.2km az=62.0

ISC 11 21:13:52.2, 1.1, 25:71N, 02:96.4E, 0.4, h25km, n8, 0:160/8, mb3.5/7, Myanmar

11d 21h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like Maricunga, Copiap, Las Campanas, Llanos de Chal, etc.

11d 21h:34.3.3.4.3.0.76Sx71.37W, h40km,29km,mb3.9/9, mb1.4,0/13,mb1mx3.9/27,mbtmp4.1/13,ML3.4,MS3.4/1, MS1.3/1,ms1mx3.9/14,Error ellipse:s-maj=27.3km s-min=16.3km az=82.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like Fray Jorge, El Pedregal, Tololo Observa, etc.

2015 OCT

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like ROCH El Roble, VA01 Torpedera, AC04 Llanos de Chal, etc.

11d 21:24:27.9.0.6.2.99S:129.70E,h0km,mb4.4/16, mb1.4,0/21,mb1mx4.4/39,mbtmp4.5/21,ML4.4/4,MS3.8/15, MS1.3/15,ms1mx3.5/36,Error ellipse:s-maj=17.9km s-min=12.7km az=74.0

11d 21:24:27.9.0.0.3.42S:129.44E,h18km,mb4.8/7, mb4.4/23,MS4.3/2,MS7.1/4, KLM 11 21:24:32.2.97S:129.82E, h25km,mb4.9 NEIC 11 21:24:32.7.1.9.3.00S:0.07x129.67E:0.06,h37km,3km, s-min=12.7km az=74.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like MSAI Masohti, BNDI Bandanaira, FAKI Fak Fak, etc.

434

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like MTN Manton Dam, KDU Kappana, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA, SIRT, ILAR, GURO, KMBO, KRBO, MBRO, PLCA, CPUP, CPUP.

JMA 11 21:24:49.7,0.1,37.44N,141.37E, h28km,2km, M3.8,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK, JMAST, ONAJ, JIKH, JIKH, JMM, JMM, JIO, JIO, JFT, JFT, JJO, JJO, JHO, JHO, JMK, JYS, JYS, JFY, JFY, JMT, MAT.

DJA 11 21:25:37.5,0.7,10.5S,112.3E, h11km,1km, M4.0/8,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI, BATI, BATI, SOEI, SOEI, MMRI, MMRI, WSI, WSI, BSSI, BSSI, BKSI, BKSI, PLAI, PLAI, TWSI, TWSI.

NNC 11 21:26:52.8,6.7,38.88N,69.74E, h0km, mb4.2, mpv3.8,

SOME 11 21:26:54.5,39.07N,70.90E, h15km

ISC 11 21:26:56.3,2.4,39.1N,0.1,70.23E,0.06, h10km, n20,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG, IUG, CHM, CHM, DZA, DZA, DZA, DZA, KK31, KK31, KK31, AML, MRKS, MRKS, EKS2, UCH, AAK, AAK, AAK, KZA, KBK, CHMS, USP, TKM2, TKM2, TKM2, KST, KST, DGS, DGS, AB31, AB31, AKTO, AKTO.

IDC 11 21:27:52.1,1.3,2.95S,129.78E, h0km, mb3.8/4,

DJA 11 21:27:55.8,0.3,3.3S,13.0E, h10km, M3.9/6, Mlv3.9/6

ISC 11 21:27:57.6,1.0,2.87S,0.05,129.75E,0.05, h56km,13km,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI, FAKI, FAKI, FAKI, FAKI, SIJI, SIJI, SWI, SWI, SANI, SANI, TOLII, TOLII, FITZ, FITZ, WBO, WBO.

WRAB 11 21:18:11.0,0.5,17.54S,165.16E, h15km,1km, M2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, WRO, WRO, AS31, AS31, ASAR, ASAR, ASAR, CMAR, CMAR, TOO, TOO, MKAR, MKAR, MKAR, ZALV, ZALV.

ISC 11 21:47:42.7,0.3,36.11N,43.32E, h0km, M2.9

DDA 11 21:47:45.7,36.11N,43.26E, h19km,2km, M2.5

ISC 11 21:47:45.3,1.5,36.14N,0.04,43.25E,0.04, h5km,16km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKT, CUKT, IKRK, IKRK, IKRK, HAKT, HAKT, HAKT, SIRS, SIRS, SIRS, MIDY, MIDY, MIDY, SRMT, SRMT, SRMT, BTM, BTM, TVAN, TVAN, BLIS, BLIS, MYSM, MYSM, DIYA, DIYA, DIYA, HANI, HANI, SURC, SURC, SURC, INET, INET, UPA, UPA.

INET 11 22:29:10.4,9.25N,84.00W, h15km, M2.5

UPA 11 22:29:14.7,0.3,9.20N,83.96W, h4km,2km, MW3.5,

Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRKO, DRKO, PTJ1, PTJ1, BATAN, BATAN, BRUZ, BRUZ, BCOZ, BCOZ, BCOZ.

NOU 11 22:38:07.8,41.40S,175.81E, h87km, mb4.0/4, North

Island, New Zealand

WEL 11 22:38:19.1,41.52S,174.4E, h24km,5km, M2.8/17,

M2.3/0.21, M2.8/17, Error ellipse: s-maj=0.0km

s-min=0.0km az=115.9, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCW, TCW, WEL, WEL, WEL, CMWZ, CMWZ, BHW, BHW, BHW, TUWZ, TUWZ, BSWZ, BSWZ, CAW, CAW, MSWZ, MSWZ, PLWZ, PLWZ, KIWI, KIWI, PNWZ, PNWZ, DUWZ, DUWZ, BCOZ, BCOZ, OGWZ, OGWZ, MTW, MTW, TRWZ, TRWZ, KHZ, KHZ, TMWZ, TMWZ, THZ, THZ, MRZ, MRZ, QRZ, QRZ, DVHZ, DVHZ, BHZ, BHZ, DSZ, DSZ, LTZ, LTZ, PKVZ, PKVZ, MOVZ, MOVZ, BHZ, BHZ, WRVZ, WRVZ, WHVZ, WHVZ, TUVZ, TUVZ, KNKZ, KNKZ, INOZ, INOZ, INOZ, BKZ, BKZ.

TMZ 11 22:39:15.9,0.9

ODZ 11 22:39:23.6,-2.3

NEIC 11 23:03:21.4,1.8,17.4N,0.1,94.84W,0.06, h152km,15km,

Error ellipse: s-maj=18.7km s-min=7.8km az=185.0

MEX 11 23:03:22.5,0.8,17.47N,94.82W, h147km,8km, MD4.5

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG, CMIG, CMIG, TGIG, TGIG, TGIG, VHO, VHO, HUG, HUG, HUG, HUG, TOXP, TOXP, TOXP, PCIG, PCIG, PCIG, PCIG, PUERTO, PUERTO, PEIG, PEIG, YOIG, YOIG, YOIG, COIG, COIG, COIG, HUJ, HUJ, FTIG, FTIG, FTIG, PNIG, PNIG, PNIG, PNIG, TLIG, TLIG, TLIG, HUE, HUE, HUE, JCT, JCT, TX32, TX32, TX32, TX32, CBYC, CBYC, WHTY, WHTY, ABTX, ABTX, Z38A, Z38A, WLAR, WLAR, MTJD, MTJD, 352A, 352A, 352A, CCAR, CCAR, LRAL, LRAL, X40A, X40A, MIAR, MIAR, X37A, X37A, X34A, X34A, WWHK, WWHK, X52A, X52A, W39A, W39A, W39A, FNO, FNO, WHAR, WHAR, Y49A, Y49A, X48A, X48A, AMTX, AMTX, AMTX, TUL1, TUL1, TUL1, PLAL, PLAL, FCAR, FCAR, HHAR, HHAR, HHAR, LCAR, LCAR, GOGA, GOGA, FPAL, FPAL, U38A, U38A, Y52A, Y52A, X51A, X51A, SWET, SWET, T35A, T35A, W50A, W50A, W50A, WWT, WWT, WWT, PBMO, PBMO, PBMO, MGMO, MGMO, MGMO, T42A, T42A, CPCT, CPCT, HODGE, HODGE, S39A, S39A, BG3, BG3, V51A, V51A, U49A, U49A, TKL, TKL, JSC, JSC, JSC, CCM, CCM, CCM, SIUC, SIUC, SIUC, V53A, V53A, V53A, KMSC, KMSC, KMSC, BIRD, BIRD, TZTN, TZTN, V55A, V55A, Q44A, Q44A, Q44A, WCI, WCI, WCI, W57A, W57A, W57A, P40A, P40A, P40A.

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

ISC 11 23:03:20.5,0.7,17.37N,0.06,94.84W,0.03, h152km,7km,

n130, 0.094/135, mb4.4/35, Chiapas

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like 235A, 335A, W39A, U40A, etc.

11 23:46:17.7-1.9, 15.46Nk:100.77W, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.7/36, mbtmp3.8/4, ML3.2/1, MS3.4/6, Ms1 3.4/6, ms1mx3.1/29, Error ellipse: s-maj=37.1km s-min=2.2km az=177.0.

NEIC 11 23:46:25.1-1.7, 16.39Nk:0105.100, 22W:0.07, h14km, 8km, mb4.1/47, MD4.3/24(MEX), Error ellipse: s-maj=9.4km s-min=6.7km az=103.0.

MEX 11 23:46:26.0-1.6, 16.60N:100.69W, h16km, 35km, MD4.3 IXC 11 23:46:26.2-1.8, 16.63N:100.69W, 0.06, h14km, 10km, n82, e2806/87, mb4.0/16, MS3.4/4, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like CAIG, DAIG, ZIIG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like X18A, 113A, H16A, etc.

12 00:11:28.8-1.0, 40.15N:143.27E, h0km, mb3.8/8, mb1 3.9/11, mb1mx3.7/41, mbtmp3.8/11, ML2.8/3, MS2.7/2, Ms1 2.7/2, ms1mx2.3/35, Error ellipse: s-maj=26.0km s-min=2.0km az=110.0.

NEIC 12 00:11:29.7-4.0, 40.17N:143.14E, h6km, MW3.8, Moment Tensor Solution, 33 Moment tensor: Scale 10^14Nm, M1: -5.62; M2: 3.33; M3: 3.00; M4: -0.18; M5: 3.35; M6: -0.35; Fault plane solution: N=5.920000x10^14 NP1: 48.00000°, 84.70000°, -92.00000°. NP2: 231.00000°, 84.300000°, -88.00000°.

JMA 12 00:11:29.6-0.2, 40.17N:143.14E, h6km, 2km, MS.8 NEIC 12 00:11:32.8-1.4, 40.14N:0105.143, 26E:0.06, h25km, 6km, mb4.3/23, Error ellipse: s-maj=8.1km s-min=6.6km az=166.0.

ISC 12 00:11:29.3-1.8, 40.18N:0104.143, 14E:0.06, h4km, 11km, n71, r=13070, mb4.2/19, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like JTH, JKN, MIY, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like ZALV, J20K, IMAR, etc.

IDC 12 00:18:42.6-1.3, 19.125S:177.53W, h551km, 14km, mb3.6/9, mb1 3.8/13, mb1mx3.6/25, mbtmp4.5/13, Error ellipse: s-maj=22.8km s-min=12.1km az=146.0.

NEIC 12 00:18:42.4-1.4, 19.22S:01.177, 5W:0.1, h54km, 5km, mb4.2/57, Error ellipse: s-maj=19.0km s-min=13.9km az=133.0.

ISC 12 00:18:43.0-3.0, 19.15S:01.177, 5W:0.08, h570km, n107, mb1.9/105, mb4.2/37, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like MSVF, MSVF, NIUE, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fray Jorge, El Pedregal, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Pitanga, Terra Rica, Pontes e Lacer, etc.

Text block containing station identifiers and coordinates: IDC 12 01:52:38.61.1, 49:55S:163:93E, h0km, mb4.2/5, mb1 4.4/6, mb1mx4.2/21, mbmp4.3/6, ML4.2/1, MS3.9/13, Ms1 3.9/13, ms1mx3.7/32, Error ellipse: s-maj=36.4km, s-min=24.9km az=77.0, NEIC 12 01:52:40.42.7, 49:79S:0:09:164:1E:0:2, h18km, 2km, mb4.4/15, Error ellipse: s-maj=16.6km s-min=10.4km

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

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

Text block containing station identifiers and coordinates: NOU 12 02:13:46.4, 40:98S:177:16E, h0km, MLV3.8/6, Off E, Coast of N. Island, N.Z., WEL 12 02:13:54.7, 5:41'S:3'17'6E, h19km, 5km, M3.8/18, ML4.2/18, MLV3.8/18, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Birch Farm, Angora Road, Port Road, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Mean, Elevation Mean, Azimuth Minimum, Elevation Minimum, Azimuth Maximum, Elevation Maximum, Azimuth Range, Elevation Range, Azimuth Interval, Elevation Interval, Azimuth Frequency, Elevation Frequency, Azimuth Duration, Elevation Duration, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Amplitude, Elevation Amplitude, Azimuth Frequency, Elevation Frequency, Azimuth Duration, Elevation Duration, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Amplitude, Elevation Amplitude.

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 Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Mean, Elevation Mean, Azimuth Minimum, Elevation Minimum, Azimuth Maximum, Elevation Maximum, Azimuth Range, Elevation Range, Azimuth Interval, Elevation Interval, Azimuth Frequency, Elevation Frequency, Azimuth Duration, Elevation Duration, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Amplitude, Elevation Amplitude.

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 Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Mean, Elevation Mean, Azimuth Minimum, Elevation Minimum, Azimuth Maximum, Elevation Maximum, Azimuth Range, Elevation Range, Azimuth Interval, Elevation Interval, Azimuth Frequency, Elevation Frequency, Azimuth Duration, Elevation Duration, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Amplitude, Elevation Amplitude.

NEIC 12 02:59:03.4 1.7, 32.10S:0.04:71.9W:0.1, h12km, 6km, Error ellipse: s-maj=13.7km s-min=5.1km az=85.0

GUC 12 02:59:05.0 0.8, 32.11S:71.78W, h37km, 4km, ML4.1, IDC 12 02:59:05.2 0.5, 32.10S:71.78W, h37km, 4km, mb3.7/2, mb1.4/0.5, mb1mx3.6/20, mbtm3.8/5, ML4.1/3, Error ellipse: s-maj=43.0km s-min=36.0km az=119.0

ISC 12 02:59:02.9 1.3, 32.09S:0.03:71.85W:0.06, h16km, 8km, m6.3, r195/64, mb4.1/3, 3C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Lists seismic events from various stations like Catapilco, Torpederas, El Roble, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Lists seismic events from stations like Irabujima, Gusukube, Miyako jima3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Lists seismic events from stations like FITZ, FITZ, FITZ, WARRAMUNGA ARR, etc.

s126,c229: Duration: 1s5 Moment tensor: Scale 1017 Nm: M=2.17e+04; Mw=0.09e+02; Mw=2.26e+03; Mo=0.41e+03; Mo=0.39e+02; Mw=1.44e+04; Best double couple: Mo=2.70000e+107; NP1=355.00000e+828.00000e+97.00000e+; NP2=167.00000e+862.00000e+86.00000e+; Principal axes: T 2.6280, Plg73.0000, Azm68.0000; N 0.1390, Plg3.0000, Azm169.0000; P -2.7720, Plg17.0000, Azm260.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function ISC 12 03:15:18.6: 0.5, 31.215, 0.02: 71.75W, 0.04, h23km, 33km, 122km; P-P, n846, s1524/69, m55, 5240, MS5, 282

109C-38D. Fault plane solution: NP1=178.90463, 349.78053, 190.20120. NP2=358.59305, 640.21989, 149.76208. Principal axes: T P[85.2172, Azm90.6112; N Plg0.1536; Azm358.7747; P Plg4.7803; Azm268.7619; Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, and other station-specific data. Includes stations like Fray Jorge, El Pedregal, Tololo Observa, etc.

Main table listing seismic stations with columns: LVC, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, and other station-specific data. Includes stations like Limon Verde, IPOC Station P, PLCA, etc.

Table listing seismic stations with columns: Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, and other station-specific data. Includes stations like Maqueyes Islan, SABA, SABA, etc.

12d 3h

2015 OCT

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like WLAR White Oak Lake, U56A King, V51A Loudon, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like LUPA Lehigh Univers, O52A Adamsville, T35A Sooner Cattle, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like I63A Otisfield, W18A Petrified Forest, W18A Petrified Forest, etc.

TUQ	baz=141,SNR=8.3	78.22	324	P	P	03 27 17.6	+1.1
BATG	Turquoise Moun baz=143,SNR=13	78.29	4	Iamb	Iamb	03 27 18.2	
N23A	Bathurst New B comp=Z,32nm,0.9s	78.41	334	P	P	03 27 18.4	+0.9
LMQ	Red Feather La baz=151	78.41	1	Iamb	Iamb	03 27 18.5	
SPMN	La Malbaie comp=Z,32nm,0.9s	78.45	345	P	P	03 27 17.0	-0.3
E43A	Marine on St. baz=162,SNR=8.2	78.45	349	Iamb	Iamb	03 27 18.7	
COWI	Lone Tree Farm comp=Z,31nm,0.8s	78.55	348	P	P	03 27 17.5	-0.3
COWI	White River Ci comp=Z,52nm,1.4s	78.55	324	P	P	03 27 20.0	
GSC	Goldstone, Bar baz=142,SNR=9.1	78.55	324	P	P	03 27 19.3	+1.1
ZCZU	Shurtz Canyon comp=Z,47nm,1.4s	78.59	338	Iamb	Iamb	03 27 30.1	
O20A	White River Ci comp=Z,50nm,1.1s	78.64	332	P	P	03 27 30.4	
O20A	White River Ci baz=149,SNR=15	78.64	332	P	P	03 27 19.9	+1.1
CCUT	Cedar City comp=Z,58nm,1.3s	78.68	327	Iamb	Iamb	03 27 30.9	
SHOC	Shoshone, Teco baz=142	78.76	325	P	P	03 27 20.1	+0.8
Q16A	Castle Valley comp=Z,53nm,1.2s	78.83	330	Iamb	Iamb	03 27 31.8	
EDW2	Edwards Air Fo baz=141,SNR=10	78.83	323	P	P	03 27 20.7	+0.9
OSI	Ostio Audit: C baz=140	79.01	322	P	P	03 27 21.7	+0.9
SC22	Santa Cruz Isl baz=140	79.02	321	P	P	03 27 22.5	+1.7
P18A	Preston Nutter comp=Z,41nm,1.0s	79.03	331	Iamb	Iamb	03 27 32.8	
P17A	Butcher Ranch comp=Z,50nm,1.2s	79.11	330	Iamb	Iamb	03 27 32.8	
LRMC	Laurel Mt Rad baz=141,SNR=13	79.14	323	P	P	03 27 22.6	+1.1
GWY	Greenwater Val PRN	79.18	324	P	P	03 27 22.5	+0.7
PRN	Pahroc Range comp=Z,46nm,1.1s	79.36	326	Iamb	Iamb	03 27 35.1	
ARVC	Arvin baz=140	79.46	322	P	P	03 27 24.6	+1.5
FURC	Furnace Creek, baz=142,SNR=10	79.50	324	P	P	03 27 24.7	+1.5
RDMU	Red Mountain comp=Z,39nm,0.9s	79.54	332	Iamb	Iamb	03 27 35.0	
ISA	Isabella, Lake comp=Z,41nm,1.2s	79.69	323	P	P	03 27 25.8	+1.4
ISA	Isabella, Lake baz=141,SNR=9	79.69	323	P	P	03 27 25.8	+1.4
PKM	Mcherson Peak baz=140,SNR=8.6	79.80	322	P	P	03 27 26.7	+1.5
MPU	Maple Canyon CWC	79.94	324	P	P	03 27 25.7	-0.2
CWC	Cottonwood Cre baz=140	79.94	324	P	P	03 27 27.8	+1.1
VES	Vestal, Richgr baz=140,SNR=9.9	80.14	323	P	P	03 27 27.8	+1.0
K22A	Casper comp=Z,44nm,1.1s	80.14	335	Iamb	Iamb	03 27 38.5	
K22A	Casper baz=150,SNR=13	80.14	335	P	P	03 27 27.4	+0.6
GRAC	Grapevine Rang baz=142,SNR=6.5	80.16	324	P	P	03 27 28.1	+1.1
SMCC	Simmler baz=140	80.22	322	P	P	03 27 28.3	+1.0
JLU	Jordanelle comp=Z,61nm,1.7s	80.35	330	Iamb	Iamb	03 27 38.8	
R11A	Troy Canyon baz=143,SNR=21	80.37	326	P	P	03 27 29.4	+1.3
RSSD	Black Hills RSSD	80.56	337	P	P	03 27 29.4	+0.2
RSSD	Black Hills RSSD	80.56	337	P	P	03 27 29.4	+0.2
DUG	Dugway, Tooele DUG	80.60	329	P	P	03 27 30.4	+1.1
DUG	Dugway, Tooele comp=Z,30nm,1.7s	80.60	329	P	P	03 27 40.3	
DUG	Dugway, Tooele comp=Z,107nm,1.9s	80.60	329	Iamb	Iamb	03 27 40.3	
DUG	Dugway, Tooele IAMS_20	80.60	329	IAMS_20	IAMS_20	03 59 16.6	
DUG	Dugway, Tooele baz=145,SNR=11	80.60	329	P	P	03 27 30.1	+0.7
TIN	Tinemaha, Big Ely	80.64	324	P	P	03 27 29.7	+0.1
PAGB	Antelope Grade comp=Z,94nm,1.6s	80.67	322	Iamb	Iamb	03 27 42.1	
EYMN	Ely comp=Z,73nm,1.4s	80.77	347	Iamb	Iamb	03 27 31.6	
EYMN	Ely baz=163,SNR=12	80.77	347	P	P	03 27 30.1	+0.3
BOSA	Boshof comp=Z,23nm,0.8s	81.15	118	P	P	03 27 32.4	-0.3
BOSA	Boshof comp=Z,23nm,0.8s	81.15	118	P	P	04 01 18.2	
BOSA	Boshof comp=Z,35nm,1.0s	81.15	118	P	P	03 27 32.5	-0.3
BOSA	Boshof comp=Z,35nm,1.0s	81.15	118	P	P	03 27 32.5	-0.3
SPUT	South Promonto comp=Z,35nm,0.9s	81.36	330	Iamb	Iamb	03 27 44.6	
MLAC	Mammoth, Mammo baz=141,SNR=9.3	81.39	324	P	P	03 27 34.8	+1.1
PDAR	Pinedale Array comp=Z,2.7nm,0.8s	81.39	333	P	P	03 27 33.5	-0.1
PDAR	Pinedale Array comp=Z,2.7nm,0.8s	81.39	333	P	P	03 27 43.3	+0.1
PDAR	Pinedale Array comp=Z,2.0nm,0.6s	81.39	333	P	P	04 00 24.1	
BW06	Boulder Array baz=148	81.39	333	P	P	03 27 31.9	-1.8
BW06	Boulder Array baz=148	81.39	333	P	P	03 27 33.4	-0.2
B35A	Bob, Littlefor comp=Z,31nm,0.8s	81.62	345	Iamb	Iamb	03 27 44.0	
E28A	Huff comp=Z,48nm,1.0s	81.72	340	Iamb	Iamb	03 27 45.4	
NVAR	Mina Array Bea comp=Z,7.1nm,0.9s	81.74	325	P	P	03 27 36.4	+0.8
NVAR	Mina Array Bea comp=Z,15nm,1.1s	81.74	325	P	P	03 27 45.8	+0.6
NVAR	Mina Array Bea comp=Z,0.5nm,0.7s	81.74	325	P	P	03 46 07.9	-0.6
NVAR	Mina Array Bea comp=Z,0.5nm,0.7s	81.74	325	P	P	03 57 18.4	
HVU	Hansel Valley comp=Z,52nm,21.7s	81.88	330	P	P	03 27 35.6	-0.5
HVU	Hansel Valley comp=Z,65nm,1.6s	81.88	330	P	P	03 27 35.6	-0.5
HVU	Hansel Valley comp=Z,64nm,1.6s	81.88	330	P	P	03 27 46.4	
AHID	Auburn Hatcher comp=Z,1um,19.0s	82.01	332	IAMS_20	IAMS_20	04 00 04.8	
AGMN	Agassiz Nation comp=Z,1um,19.0s	82.05	344	P	P	03 27 36.5	-0.2
AGMN	Agassiz Nation baz=159,SNR=11	82.05	344	P	P	03 27 36.4	-0.2
CMB	Columbia Colle CMB	82.49	323	P	P	03 27 39.5	+0.2
CMB	Columbia Colle comp=Z,31nm,1.5s	82.49	323	P	P	03 27 39.5	+0.2
LOHW	Long Hollow comp=Z,1um,20.0s	82.52	333	IAMS_20	IAMS_20	04 00 38.4	
MYND	Madlock baz=156	82.58	341	P	P	03 27 39.6	+0.1
VRD	Verington comp=Z,32nm,1.1s	82.64	325	Iamb	Iamb	03 27 52.2	
CASY	Casey comp=Z,23nm,0.8s	82.81	181	P	P	03 27 42.1	+0.8
CASY	Casey comp=Z,23nm,0.8s	82.81	181	P	P	03 27 42.6	
PNTR	Pine Nut comp=Z,37nm,1.1s	82.90	324	P	P	03 27 42.6	+1.1
PNTR	Pine Nut comp=Z,37nm,1.1s	82.90	324	P	P	03 27 53.6	
TORD	Tordi Ar. Bea comp=Z,1um,0.4s	83.03	70	P	P	03 27 42.2	-0.4
TORD	Tordi Ar. Bea comp=Z,1um,0.4s	83.03	70	P	P	04 02 25.9	
VCNR	Virginia City comp=Z,44nm,1.5s	83.08	325	Iamb	Iamb	03 27 53.7	
RUBR	Rubicon Trail comp=Z,28nm,0.9s	83.14	324	Iamb	Iamb	03 27 57.3	
LKWY	Lake comp=Z,1um,19.3s	83.24	333	IAMS_20	IAMS_20	04 00 13.5	

LBTB	Lobatese comp=Z,1um,22.0s	83.26	115	Iamb	Iamb	03 27 45.0	
PAHR	Pah Rah Range comp=Z,35nm,0.9s	83.26	325	P	P	03 27 44.0	+0.6
PAHR	Pah Rah Range comp=Z,35nm,0.9s	83.26	325	P	P	03 27 54.7	
MPK	Martis Peak comp=Z,65nm,1.4s	83.27	324	Iamb	Iamb	03 27 55.7	
RLMT	Red Lodge comp=Z,44nm,1.1s	83.28	334	Iamb	Iamb	03 28 02.5	
RLMT	Red Lodge comp=Z,43nm,1.8s	83.28	334	P	P	03 27 44.1	+0.7
YMR	Madison River baz=148,SNR=6.7	83.55	333	Iamb	Iamb	03 28 01.2	
YHH	Holmes Hill comp=Z,101nm,2.0s	83.60	333	Iamb	Iamb	03 27 56.0	
BEKR	Beckworth comp=Z,57nm,1.9s	83.87	324	Iamb	Iamb	03 28 06.0	
ULM	Lac du Bonnet comp=Z,15nm,1.6s	83.88	345	P	P	03 27 45.4	-0.6
ULM	Lac du Bonnet comp=Z,20nm,0.9s	83.88	345	P	P	03 27 46.2	+0.2
ULM	Lac du Bonnet comp=Z,20nm,0.9s	83.88	345	Iamb	Iamb	03 27 56.1	
HLID	Hailey comp=Z,42nm,0.8s	84.03	330	P	P	03 27 49.9	+0.6
HLID	Hailey comp=Z,32nm,1.6s	84.03	330	P	P	03 27 58.3	
HLID	Hailey baz=144,SNR=11	84.03	330	P	P	03 27 47.8	+0.6
ORV	Oroville comp=Z,144,SNR=11	84.21	324	Iamb	Iamb	03 27 59.2	
DGMT	Dagmar baz=153	84.27	339	P	P	03 27 49.4	+0.2
MFID	Camas Ranch comp=Z,38nm,1.6s	84.53	329	Iamb	Iamb	03 28 00.5	
MFID	Camas Ranch comp=Z,38nm,1.6s	84.53	329	IAMS_20	IAMS_20	04 01 22.5	
BOZ	Bozeman (W) baz=147	84.58	333	P	P	03 27 50.1	+0.1
O03E	Paynes Creek baz=139	84.92	324	P	P	03 27 51.1	-0.6
WVOR	Wild Horse Val WVOR	85.02	327	P	P	03 27 52.8	+0.6
MOD	Modoc Plateau comp=Z,15nm,1.4s	85.39	326	P	P	03 27 53.9	-0.3
MOD	Modoc Plateau comp=Z,15nm,1.4s	85.39	326	P	P	03 28 05.0	
J08A	Circle Bar Ranch comp=Z,34nm,1.3s	85.66	328	Iamb	Iamb	03 28 07.1	
SCHO	Schefferville comp=Z,43nm,1.1s	85.80	3	P	P	03 27 55.2	-0.4
SCHO	Schefferville comp=Z,8.6nm,0.7s	85.80	3	P	P	04 09 58.0	
PLID	Pearl Lake comp=Z,245nm,18.1s	85.94	330	Iamb	Iamb	03 28 07.2	
M04C	Macdoel comp=Z,61nm,1.6s	86.05	325	P	P	03 27 57.7	+0.3
M02C	Callahan baz=138,SNR=6.4	86.27	324	P	P	03 27 58.8	+0.4
K05A	Summer Lake baz=138	86.31	326	Iamb	Iamb	03 28 10.7	
BMO	Blue Mountains comp=Z,53nm,1.2s	86.31	329	Iamb	Iamb	03 28 08.8	
BMO	Blue Mountains comp=Z,55nm,1.9s	86.31	329	IAMS_20	IAMS_20	04 02 48.8	
L04D	Klamath Falls baz=139	86.61	325	P	P	03 28 00.4	+0.3
K04D	Chiloquin, OR baz=139	86.64	326	P	P	03 28 01.6	+1.3
I07A	Fort Rock, OR baz=139	86.69	328	Iamb	Iamb	03 28 11.5	
J05D	Pin Mountain comp=Z,45nm,1.5s	86.89	326	P	P	03 28 02.3	+0.8
PINE	Pin Mountain comp=Z,45nm,1.5s	87.14	327	Iamb	Iamb	03 28 14.2	
F10A	Beach Ranch, E J04D	87.17	330	P	P	03 28 03.2	+0.6
J04D	Umpqua Nationa baz=139	87.28	326	P	P	03 28 03.6	+0.2
JTMT	Terrebonne, OR comp=Z,53nm,1.2s	87.39	333	Iamb	Iamb	03 28 14.0	
K02D	Willamette Mer baz=138	87.64	324	P	P	03 28 05.8	+0.8
I05D	Terrebonne, OR comp=Z,13nm,0.0s	87.74	327	P	P	03 28 06.4	+1.0
F07A	Phinny Hill Vi comp=Z,28nm,1.3s	88.28	329	Iamb	Iamb	03 28 19.0	
H04A	Detroit Lake comp=Z,41nm,1.1s	88.40	327	Iamb	Iamb	03 28 21.9	
G05D	Wamic, OR baz=139	88.41	327	P	P	03 28 09.5	+0.9
HAWA	Hanford comp=Z,27nm,1.2s	88.49	329	Iamb	Iamb	03 28 20.2	
D08A	Wollman Farm comp=Z,55nm,1.8s	88.74	330	Iamb	Iamb	03 28 20.3	
NEW	Newport comp=Z,27.0nm,1.7s	88.94	332	P	P	03 28 11.4	+0.4
NEW	Newport baz=142	88.94	332	P	P	03 28 11.5	+0.4
F05D	White Salmon baz=138	88.97	328	P	P	03 28 12.1	+1.0
C09A	Christman Ranch comp=Z,21nm,1.2s	89.05	331	Iamb	Iamb	03 28 34.2	
D05A	Enunclaw comp=Z,25nm,1.0s	89.19	328	Iamb	Iamb	03 28 28.0	
LSZ	Lusaka comp=Z,34nm,0.9s	90.44	108	P	P	03 28 19.0	0.0
LSZ	Lusaka comp=Z,34nm,0.9s	90.44	108	P	P	03 28 19.0	0.0
LSZ	Lusaka comp=Z,34nm,0.9s	90.44	108	IAMS_20	IAMS_20	04 06 18.5	
EDM	Edmonton comp=Z,1um,18.0s	91.53	336	Iamb	Iamb	03 28 25.1	
ESDC	Sonessa Array comp=Z,3.0nm,1.1s	94.47	46	P	P	03 28 36.6	-0.3
ESDC	Sonessa Array comp=Z,3.0nm,1.1s	94.47	46	P	P	04 10 44.7	
ESDC	Sonessa Array comp=Z,1um,18.7s	94.47	46	P	P	03 28 36.5	-0.3
MBAR	Mbarara comp=Z,1um,20.0s	100.36	97	IAMS_20	IAMS_20	04 10 41.1	
VSL	Villasalto comp=Z,604nm,20.0s	102.97	52	IAMS_20	IAMS_20		

12d 3h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KLMR Klimovskoe, KIV Kislovodsk, and various others.

2015 OCT

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHMS Chumysh, KBK Karagaybulak, and various others.

448

RSNC 12 03:18:16.8:1.0, 6.80N:73.15W, h142km, 3km, ML3.5, Mw3.7, 3C-7D, Fault plane solution: NP1:66.00000°, 872.00000°, A-102.00000°, Northern Colombia

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BARC Barichara, BARRC Barranca, and various others.

NEIC 12 03:25:59.0:2.2, 13.7S:0.1x167.3E:0.2, h199km, 3km, mb4.2/20, Error ellipse: s-maj=22.7km s-min=16.0km baz=81.0

IDC 12 03:26:01.1:4.4, 13.66S:167.01E, h216km, 37km, mb3.8/7, mb1.3/9.8, mb1m3.6/39, mbtm34.3/8, Error ellipse: s-maj=25.7km s-min=24.4km az=47.0

ISC 12 03:25:58.7:0.7, 13.6S:0.1x167.2E:0.1, h200km, n47, o126/50, mb4.2/13, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SANVU Saraoutou, DZM Dzum, and various others.

Table with columns: Code, Station Name, Az, Az', Phase I, Time, Res, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, etc.

BUI 12 03:31:29.8,0.0,31:20Sx72:30W,h20km,mB5.1/4, M5.5/2,M5.7/5.24
VAO 12 03:31:31.4,0.3,31:17S:71:62W,h10km,mB4.9
NEIC 12 03:31:32.3,2.0,31:19S:0:04:71:83VA0.0,8,h20km,3km, mB5.0/172,Mw4.6/50,Mw5.0(GUC),Error ellipse: s-maj=10.3km s-min=5.5km,az=100.0
IDC 12 03:31:32.9,0.6,31:15S:71:62W,h26km,4km,mB4.4/11, m1.4.5/16,m1mx4.4/25,mbmp4.5/16,ML4.4/5,MS4.3/4, Ms1.4.3/4,ms1mx4.0/18,Error ellipse: s-maj=20.0km s-min=14.3km,az=88.0
NEIC 12 03:31:32.9,31:18S:71:82W,h31km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr0.74; Mw0.15; Mx-0.89; My0.21; Mz-0.07; Mxx-0.63; Fault plane solution: M1:06000-1016; IP:21,100; S:865,22000"; S23:80000"; A1:18.88000"; NP2:168.97000"; Azm5.20000"; Azm5.20000"; Principal axes: T 1.0083; Plg7.0000"; Azm5.20000"; N 0.0940; Plg13.0000"; Azm17.0000"; P -1.1023; Plg19.0000"; Azm270.0000"; GUC 12 03:31:32.4,0.8,31:19S:71:79W,h31km,3km,ML5.0, MW5.0
ISC 12 03:31:31.5,0.4,31:19S:0:02:71:88W,0:04,h20km,3km, n356,e1942/349,mB5.0/88,MS4.5/3,16C-22D,Full plane solution: NP1:159.70433"; Azm5.2918"; A64.43580"; NP2:163.37586"; Azm5.29355"; Azm17.98148"; Principal axes: T Plg42.4151"; Azm45.2918"; N Plg25.5256"; Azm161.15800"; P Plg36.8321"; Azm272.1140"; Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase I, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO08 Fray Jorge, CO03 El Pedregal, etc.

Table with columns: MT09 Talagante, MT09 Talagante, MT01 Popeta, etc. Includes station codes and names like Talagante, Popeta, Zonda, Cerro Valdivia, etc.

Table with columns: ALF01 Guarapari-ES, JANB Guarapari-ES, JANB Guarapari-ES, etc. Includes station codes and names like Guarapari-ES, Guarapari-ES, Guarapari-ES, etc.

Table of seismic data for stations 12d 4h, including columns for station name, time, and magnitude.

Table of seismic data for stations 2015 OCT, including columns for station name, time, and magnitude.

Table of seismic data for stations mb4.1/16, Error ellipse: s-maj=20.9km s-min=11.6km, including columns for station name, time, and magnitude.

12d 4h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GOGA Godfrey, NPGS Novo Progresso, MCPB Macapa AP, etc.

2015 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like S44A Carbondale, U40A Yellville, P53A Whipple, etc.

452

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BDFB comp=Z,4.9nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, ASSE Asse, Remlinge, KEST Kesra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SYO Syowa Base, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchto, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IZMIR, BALIKESIR, LAPSACKI, KARABIGA-CANAK, etc.

IDC 12 06:39:22.3, 3.2, 52.36N; 158.64E, h98km, 42km, mb3.2/4, mb1 3.74, mb1mx3.2/58, mbtmpr3.6/4, Error ellipse: s-maj=34.4km s-min=38km az=150.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MUTNOVKA, GOREL, RUS, ASAK, etc.

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

IDC 12 06:40:57.6, 5.3, 3.71S; 133.09E, h0km, mb4.0/1, mb1 3.9/3, mb1mx3.5/48, mbtmpr3.7/3, ML3.5/2, Error ellipse: s-maj=318.4km s-min=29.5km az=76.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SORONG, WARRAMUNGA ARR, WRA, etc.

IDC 12 06:44:25.9, 0.7, 19.42S; 168.85E, h0km, mb4.1/10, mb1 4.3/11, mb1mx4.2/33, mbtmpr4.2/11, ML4.5/1, MS3.5/13, Ms1 3.5/13, ms1mx3.3/39, Error ellipse: s-maj=26.0km s-min=18.7km az=116.0

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

IDC 12 06:44:32.4, 0.4, 19.63S; 168.81E, h0km, mb4.1/10, mb1 4.3/11, mb1mx4.2/33, mbtmpr4.2/11, ML4.5/1, MS3.5/13, Ms1 3.5/13, ms1mx3.3/39, Error ellipse: s-maj=26.0km s-min=18.7km az=116.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STEPHENS CREEK, STKA, RAROTONGA, etc.

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

IDC 12 06:53:48.3, 2.6, 53.64N; 86.89E, h0km, mb1 2.8/2, mb1mx2.8/36, mbtmpr2.8/2, ML2.3/2, Error ellipse: s-maj=25.2km s-min=14.6km az=71.0, Southwestern Siberia

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

IDC 12 06:58:57.9, 8.1, 29.68S; 171.53W, h70km, 5km, ML3.9, NEIC 12 06:58:57.8, 8.1, 29.65S; 171.53W, h70km, 5km, ML3.9, Ms1 3.5/13, ms1mx3.3/39, Error ellipse: s-maj=9.4km s-min=5.9km az=91.0

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

IDC 12 06:58:57.2, 1.0, 29.65S; 171.53W, h70km, 5km, ML3.9, Ms1 3.5/13, ms1mx3.3/39, Error ellipse: s-maj=9.4km s-min=5.9km az=91.0

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LCND, comp, Z, Jm, 0.2s, etc. Includes stations like La Serena, Tololo Observa, Fray Jorge, Las Campanas, El Pedregal, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LCND, comp, Z, Jm, 0.2s, etc. Includes stations like Conchagua, Presa 15 de Se, San Vicente, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LCND, comp, Z, Jm, 0.2s, etc. Includes stations like ASUD Hata, Dub, UOSS Minazif, etc.

INET 12 07:17:17.0, 12:54N-88:47W, h26km, MD3.7, ML4.4
UCR 12 07:17:23.4, 1.6, 12:73N-88:43W, h24km, 9km, ML3.8
SNET 12 07:17:24.9, 1.4, 12:53N-88:42W, h22km, 6km, ML3.8
ISC 12 07:17:23.3, 1.4, 12:73N-88:42W, h22km, 13km, n46, c0548/64, 2C, Off coast of central America

12d 7h

2015 OCT

Table with columns for call sign, frequency, power, and other technical details. Includes stations like AAK, NEY, KBK, FRU1, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WMQ, BELG, VRH, PSI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KOLS, BSZH, JMBI, KWP, etc.

0.5mm, 0.3s, baz=8.4, slow=12, SNR=32
STKA Stephens Creek 27.70 166 P
MKAR Makanchi Arroy 68.89 325 P

NOU 12 08:04:54.7, 40:91S:176.99E, h5km, mb5.4/2, North Island, New Zealand
IDC 12 08:04:58.3, 0.6, 40:38S:176:28E, h0km, mb4.9/12

BUI 12 08:04:58.2, 0.0, 40:51S:176:82E, h21km, mb5.8/18, mb5.5/19, M55.5/31, M65.5/39
MOS 12 08:05:00.6, 1.1, 40:50S:176:09E, h20km, mb5.5/11, M55.3/14, Error ellipse: s-maj=13.3km s-min=11.5km az=43.3

WEL 12 08:05:00, 40:58S:176:33E, h14km, ML5.7, Mw5.7, Moment Tensor Solution. s13 Moment tensor: Scale 1017Nm; Mr1.99; Mw0.129; Mo0.39; Ms0.141; Mv3.05; Fault plane solution: M3.790000:1017 NP1: 0.255, 0.0000, 0.827, 0.0000, 0.143, 0.0000. NP2: 0.19, 0.0000, 0.874, 0.0000, 0.168, 0.0000. Principal axes: T -35561.8200, Plg56.0000, Azm261.0000; N -4606.7300, Plg21.0000, Azm25.0000; P 40168.5500, Plg26.0000, Azm29.0000

NEIC 12 08:05:00.6, 40:66S:176:42E, h20km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr1.11; Mw0.69; Ms0.180; Mo0.30; Mv0.13; Mv1.94; Fault plane solution: M2.520000:1017 NP1: 0.170, 37000.0, 0.19, 040000, 0.171, 950000. NP2: 0.9, 39000.0, 0.171, 93000.0, 0.196, 10000.0. Principal axes: T 2.1101, Plg63.0000, Azm289.0000; N 0.6803, Plg6.0000, Azm187.0000; P -2.7904, Plg27.0000, Azm95.0000

WEL 12 08:05:01.7, 41 S:2.176E, h23km, 3km, M5.7/171, ML6.1/23, MLv5.7/171 Error ellipse: s-maj=0.0km s-min=0.0km az=97.7

NEIC 12 08:05:01.6, 2.2, 40:58S:0:04:176:29E:0.09, h22km, 1km, mb5.4/46, Ms 2.0, 5.5/182, Mw5.5/56, Mw5.6/6, Mw5.6(GCMT), Error ellipse: s-maj=12.0km s-min=6.0km az=114.0

NEIC 12 08:05:04, 40:65S:176:43E, h24km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr1.25; Mw0.15; Ms0.110; Mo0.94; Mv0.86; Mv2.25; Fault plane solution: M2.840000:1017 NP1: 0.222, 0.0000, 0.16, 0.0000, 0.108, 0.0000. NP2: 0.23, 0.0000, 0.75, 0.0000, 0.85, 0.0000. Principal axes: T 2.6570, Plg60.0000, Azm286.0000; N 0.3322, Plg5.0000, Azm24.0000; P -2.9822, Plg30.0000, Azm17.0000

GCMT 12 08:05:06.6, 0.1, 40:69S:0:01:176:47E:0.01, h24km, Mw5.6/120, Moment Tensor Solution. s14:c191; s120, c201; Duration: 1s4 Moment tensor: Scale 1017 Nm; Mr1.63; Mw0.4; Ms0.056; Mo0.03; Mv0.107; Mo0.52; Ms0.091; Mw0.206; Mo0.4; Best double couple: M2.720000:1017 NP1: 0.234, 0.0000, 0.82, 0.0000, 0.122, 0.0000. NP2: 0.20, 0.0000, 0.871, 0.0000, 0.178, 0.0000. Principal axes: T 2.7430, Plg62.0000, Azm271.0000; N -0.0460, Plg12.0000, Azm24.0000; P -2.6970, Plg25.0000, Azm19.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 08:05:06, 40:69S:176:52E, h20km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr1.31; Mw0.41; Ms0.091; Mo0.76; Mv0.88; Mv3.22; Fault plane solution: M3.610000:1017 NP1: 0.239, 0.0000, 0.15, 0.0000, 0.133, 0.0000. NP2: 0.15, 0.0000, 0.879, 0.0000, 0.80, 0.0000. Principal axes: T 3.6115, Plg55.0000, Azm273.0000; N 0.0059, Plg10.0000, Azm17.0000; P -3.6174, Plg33.0000, Azm114.0000

ISC 12 08:05:01.0, 0.3, 40.64S:0:02:176.46E:0:03, h21km, 1km, n618, t1942/542, mb5.4/69, M55.5/130, 14C-17D, North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Lists various seismic stations like BFZ Birch Farm, ANWZ Angora Road, CPWZ Castlepoint, etc.

Main seismic event table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Lists events like KATZ Kakarama, HATZ Hinemaiaia, RAHZ Arahi, etc.

Continuation of seismic event table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Lists events like MGCD Mangrove Creek, CNB Canberra Magne, CAN Canberra, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NWA0, KKA0, KDU, KNRA, MTN, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PDSI, JRMN, MNSI, SSSL, RPSI, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CN2, MCCC, CPUP, CNBA, CMB, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALN, Alexandroupoli, ALN, comp=N,1617um,0.5s, etc.

TUL 12 08:29:27.6:1.1,36:76N:0:01:98:07W:0:03,h6km,5km, ML3.3,mb_Lg3,046(NEIC),Error ellipse: s-maj=3.0km s-min=1.7km az=99.0

ANF 12 08:29:27.8:0.2,36:74N:98:05W,h5km,ML3.8/15,Error ellipse: s-maj=2.2km s-min=2.0km az=64.0

NEIC 12 08:29:28.0:1.1,36:75N:0:02:98:04W:0:02,h10km,5km, Error ellipse: s-maj=3.0km s-min=2.6km az=145.0

ISC 12 08:29:28.2:0.9,36:76N:0:04:98:06W:0:05,h10km,n63, az=69/54, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like U32A, T35A, T35B, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OGNE, L34A, P40A, etc.

INET 12 08:29:37.0, 12:43N:88:02W, h14km, ML3.7 SNET 12 08:29:38.0:1.3, 12:75N:88:42W, h31km, 5km, ML3.4, Off coast of Central America

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

CNRM 12 08:34:59.6:34:14N:16:39W, h0km INMG 12 08:35:06.6:0.9, 34:51N:16:47W, h10km, ML2.5, Error ellipse: s-maj=14.2km s-min=7.8km az=96.0

ISC 12 08:34:59.2:1.7, 34:50N:0:09:16:53W:0:10,h10km,n12, az=24/22, Madeira Islands region

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

IDC 12 08:49:18.2:0.9, 52:28N:169:39W, h0km, mb4.1/15, mb1.4, 3/17, mb1mx4.1/47, mbtmp4.1/17, ML3.8/2, Error ellipse: s-maj=28.5km s-min=16.1km az=174.0

AEIC 12 08:49:21.2:7.52:15E:0:06:169:28W:0:08,h20km,4km, ML3.8/32, mb4.2/68(NEIC), Error ellipse: s-maj=9.8km s-min=6.1km az=152.0

NEIC 12 08:49:23.1:2.3, 52:24N:0:03:169:32W:0:07,h34km,5km, Error ellipse: s-maj=7.0km s-min=4.4km az=110.0

ISC 12 08:49:22.6:0.6, 52:24N:0:08:169:32W:0:06,h29km, n162, az=192/156, mb4.3/26, 2C-2D, Fox Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SVW2, P19K, P19K, etc.

SCM comp=Z,21nm,1.0s Sheep Creek Mo 15.24 42 Pn Pn 08 52 54.0 -1.5

EYAK comp=Z,16nm,0.6s Sorek Ski Ar 15.37 48 Pn Pn 08 52 55.8 -1.4

KLU comp=Z,16nm,0.6s Klutina 15.67 45 Pn Pn 08 53 00.0 -1.2

RAGM comp=Z,19nm,0.9s Ragged Mountai 15.80 49 Pn Pn 08 53 01.7 -1.2

H21K Melozitna Rive 15.83 25 Pn Pn 08 53 02.9 -0.2

IMAR Indian Mountain 15.85 42 Pn Pn 08 53 03.6 +0.4

M24K Tolsona, Glenn 15.84 24 Pn Pn 08 53 03.9 -0.9

DHY Denali Highway 15.86 38 Pn Pn 08 53 04.7 +0.9

MLY Manley 15.95 29 Pn Pn 08 53 06.7 -1.3

HMT Hamilton comp=Z,7.6nm,0.8s 15.98 50 Pn Pn 08 53 05.2 +0.1

BMRM Bremer River 16.04 47 Pn Pn 08 53 04.7 -1.2

NEA2 Neasden 16.18 32 Pn Pn 08 53 07.5 -0.1

BERG Berg Lake 16.26 50 Pn Pn 08 53 08.3 -0.4

N25K Chitina, Valde 16.30 45 Pn Pn 08 53 07.8 -1.4

WRH Wood River Hill 16.43 34 Pn Pn 08 53 11.0 +0.3

I23K Minto, Yukon-K 16.45 30 Pn Pn 08 53 12.0 +1.0

PAXX Paxson 16.55 40 Pn Pn 08 53 12.4 0.0

GLB Gilahina Butte 16.58 46 Pn Pn 08 53 11.6 -1.2

CCB Clear Creek Bu 16.63 33 Pn Pn 08 53 13.0 -0.3

CROM Cirque comp=Z,15nm,1.4s 16.64 49 Pn Pn 08 53 13.0 -0.7

VRDI Verde Repeater comp=Z,22nm,1.3s 16.66 47 Pn Pn 08 53 13.0 -0.9

HDA Harding Lake 16.78 35 Pn Pn 08 53 15.1 -0.1

H23K Yukon River 16.86 29 Pn Pn 08 53 17.9 -0.2

MCARA McCarthy VSAT 16.91 47 Pn Pn 08 53 16.2 -0.6

ISLE Juniper Island 16.97 50 Pn Pn 08 53 17.2 -0.5

ILAR Eielson Array 17.02 34 Pn Pn 08 53 17.6 -0.6

ILAR Eielson Array 17.02 34 Pn Pn 08 53 16.0 -2.2

YAH Yahrtse 17.18 51 Pn Pn 08 53 19.5 -0.3

MENT Mentasta 17.24 42 Pn Pn 08 53 20.2 -0.8

GRNC Granite Creek 17.28 50 Pn Pn 08 53 22.8 -0.1

M26K Nabesna, AK 17.31 44 Pn Pn 08 53 22.4 +0.5

H24K Noodor Dome 17.37 30 Pn Pn 08 53 23.3 -0.5

BARN Barnard Glacier 17.42 49 Pn Pn 08 53 24.6 0.0

L26K Log Cabin Wild 17.43 42 Pn Pn 08 53 23.6 +0.3

DOT Dot Lake 17.44 39 Pn Pn 08 53 23.1 -0.3

TABL Table Mountain 17.49 51 Pn Pn 08 53 24.5 +0.2

CTGM Chitina Glacie 17.55 49 Pn Pn 08 53 25.2 +0.3

SCRK Sand Creek 17.63 38 Pn Pn 08 53 25.1 -0.8

LOGN Logan Glacier 17.66 50 Pn Pn 08 53 22.8 -0.3

COLD Coldfoot comp=Z,32nm,1.3s 17.70 25 Pn Pn 08 53 26.3 -0.4

L27K Beaver Creek, 18.07 43 Pn Pn 08 53 20.5 -0.8

BEAR Beaver Creek A 18.09 43 Pn Pn 08 53 11.1 -0.4

TOLK Toolik Lake R 18.24 22 Pn Pn 08 53 11.1 +0.1

EGAK Eagle comp=Z,20nm,1.4s 19.10 38 Pn Pn 08 53 42.9 +0.3

BMR Burnt Mountain 19.41 29 Pn Pn 08 53 46.4 +0.3

DAWY Dawson 19.48 41 Pn Pn 08 53 46.4 -0.6

PETK Petropavlovsk- 19.98 286 P P 08 53 52.2 -0.2

PETK Petropavlovsk- 19.98 286 P P 08 53 51.0 -1.4

PETK Petropavlovsk- 19.98 286 P P 08 53 51.3 -1.1

SKAG Skagway 20.18 56 Pn Pn 08 53 55.4 +0.9

EPYK Eagle Plains 21.46 36 P P 08 54 08.8 +0.4

INK Inuvik 23.41 33 Pn Pn 08 54 28.4 -0.4

YKA Yellowknife Ar 30.27 49 Pn Pn 08 55 31.7 +1.1

H11N2 WAKE ISLAND Hy 37.40 219 T T 09 36 27.3

H11N3 WAKE ISLAND Hy 37.41 219 T T 09 36 45.7

H11N1 WAKE ISLAND Hy 37.42 219 T T 09 36 28.6

EGMT Eagleton 37.43 72 P P 08 53 34.5 +1.4

EUNU Eureka 37.83 16 Pn Pn 08 56 37.4 +1.4

YHH Holmes Hill 38.45 77 Pn Pn 08 56 43.2 +1.4

H11S1 WAKE ISLAND Hy 38.59 218 T T 09 38 00.1

H11S2 WAKE ISLAND Hy 38.60 218 T T 09 38 01.3

H11S3 WAKE ISLAND Hy 38.61 218 T T 09 38 01.3

BW06 Boulder Array 40.35 79 Pn Pn 08 56 58.5 +0.8

PD31 Pinedale Array 40.35 79 Pn Pn 08 56 57.7 0.0

PDAR Pinedale Array 40.35 79 Pn Pn 08 56 58.4 +0.7

PDAR Pinedale Array 40.35 79 Pn Pn 08 56 58.2 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Paradox Valley, Korea Array, BSRS, SUMG, SONM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DREZ, MHEZ, NEZ, RHEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKGZ, CNGZ, TWGZ, KHGZ, etc.

NOU 12 08:50:30.1, 40.81S; 176.73E, h19km, MLv3.77, North Island, New Zealand

WEL 12 08:50:34.3, 41.2S; 177.66E, h20km, 3km, M3.6/16, ML3.9/16, MLv3.6/16, Error ellipse: s-maj=0.0km s-min=0.0km az=92.6, North Island

IDC 12 09:17:51.9, 41.0, 42S; 176.21E, h0km, mb3.9/3, mb1.0/4, mb1mx3.7/33, mbtm3.8/4, ML2.6/1, Error ellipse: s-maj=90.2km s-min=27.4km az=136.3, North Island, New Zealand

NOU 12 09:17:52.7, 40.70S; 176.60E, h20km, M3.9/8, North Island, New Zealand

WEL 12 09:17:55.1, 41.2S; 177.66E, h20km, 3km, M3.8/18, ML4.2/18, MLv3.8/18, Error ellipse: s-maj=0.0km s-min=0.0km az=95.8

ISC 12 09:17:54.7, 0.8, 40.55S; 176.36E, h0.2, h2km, 5km, n129, 0.09/137, mb3.9/3, North Island

IDC 12 09:29:54.0, 40.36S; 176.11E, h0km, mb4.0/3, mb1.4/4, mb1mx3.7/32, mbtm3.9/4, ML3.4/1, Error ellipse: s-maj=90.4km s-min=26.3km az=138.0

WEL 12 09:19:32.3, 41.2S; 177.66E, h20km, 4km, M4.1/44, ML4.4/44, MLv4.1/44, Error ellipse: s-maj=0.0km s-min=0.0km az=87.8

ISC 12 09:19:32.0, 0.9, 40.54S; 176.36E, h0.03, h2km, 5km, n129, 0.09/124, mb3.9/3, North Island

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Lake Taylor, AMTZ, WIAZ, etc.

TUL 12 09:33:48.9 1.4, 36.29N, 0101:97:50W, 0.02, h5km, 6km, ML3.2, mb, Lg3.90(NEIC), Error ellipse: s-maj=2.8km

NEIC 12 09:33:49.0 1.2, 36.29N, 0101:97:51W, 0.05, h1km, 8km, Error ellipse: s-maj=5.9km s-min=1.0km az=71.0

ANF 12 09:33:49.0 0.5, 36.30N, 97:51W, h1km, ML3.9, 13, Error ellipse: s-maj=5.3km s-min=4.2km az=97.0

ISC 12 09:33:48.3 1.4, 36.29N, 0103:97:52W, 0.04, h4km, 15km, n72, c141/46, Oklahoma

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

Table with columns: SDCO, Great Sand Dun, 6.55 285, Pn, 09 35 27.8 +2.1, etc.

WEL 12 09:55:00, 40:55S, 176:33E, h20km, ML4.4, Mw4.2, Moment Tensor Solution, Moment tensor: Scale 1015

ISC 12 09:55:44.8 0.9, 40.63S, 176.49E, 0.03, h30km, 5km, n131, c099/136, mb4.3/9, North Island

Main station list table for the 2015 OCT section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANWZ, ANWZ, ANWZ, etc.

Table with columns: TARZ, Mount Tarawera, 2.40 0, P, Pn, 09 56 22.2 +0.1, etc.

INET 12 09:55:58.1, 12:93N-86:62W, h16km, ML3.5, Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LZH, Lanzhou, 4.94 67, P, Pn, etc.

Main station list table for the 12d 10h section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LZH, Lanzhou, LZH, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like HRA Herat, PSI Prapat, GRNR Gornyy, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like SOC Sochi, PET Petropavlovsk, MOS Moscow, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like NIE, OJC Ojcow, LANS Liptovska, etc.

12d 10h

Table of astronomical observations for 12d 10h, listing station names, coordinates, and observation details.

2015 OCT

Table of astronomical observations for 2015 OCT, listing station names, coordinates, and observation details.

468

Table of astronomical observations for 468, listing station names, coordinates, and observation details.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U32A, T35A, R32A, R32A, R32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like PDAR, PDAR, ULM, ANF, NEIC, AEIC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KNK, KNK, GHO, GHO, M19K, M19K, etc.

Triangular moment-rate function
ISC 12 11:14:48.6:0.3,22.42N,0.02,-121.53E:0.02,h26km,n485,
c1969/605,mb4.8/102,MS4.4/41,89C-66D,Fault plane
solution: NP1:phi=157.61128°,delta=82.02107°,lambda=58.278°,
NP2:phi=62.92152°,delta=74.4448°,lambda=70.75258°. Principal
axes: T P1g27.0285°,Azm24.5027°; N P1g58.4913°,
Azm170.8290°; P P1g14.9590°,Azm286.6687°; Taiwan
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Rows include stations like LDUT Ludao, LAY Lan-yu, TTT Taitung, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Rows include stations like EGFH Guangfu, CHN3 Shinhua, CHN4 Tsaushan, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Rows include stations like NNSB, ENA Nanau, ENA Nanau, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KNMB Chin-men Tao, JTJ Tarama, QZH Quanzhou, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JHJ Hachijo jima 2, JH2 Mitsune, JH3 MAT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RPSI Yuzh-Sakhalins, YSS Mandailing, MNSI Padang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ONI, KLMR, KBZ, J20K, K20K, H21K, MLY, KDAD, H23K, SUA, NEA2, H24K, MDM, ILAR, BMAR, SCM, SFAO, SPITS, ARAO, ARCES, HAMF, K1K1, K27K, M26K, JETT, EGAK, FIA1, FINES, BCAR, TRO, VSU, DAWY, CTGM, MNK, MNK, MNK, MEF, AKASG, AKASB, AKBB, BR131, BRTR, NACGM, INK, YNK, MTSE, MMAI, STEI, FAUS, SORM, PABE, PABE, CSS, MOR8, EUNU, KONS, TESR, VRI, PLOR, UPP, BURAR, BUR08, NSS, MLR, MLR, MLR, DAG, KWP, HUMLE, HFS, CRV05, DRGR, NB2, NB2, NOA, NOA, NC602, OJC, OJC, NEEM, NEEM.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DOMB, LANS, VTS, MDVR, SKAR, OKC, VYHS, BOVS, JAVC, KRCL, OSTC, DPC, FRGS, UPIC, PVCC, TREST, PREC, TRUC, KBN, COLA, CLL, JTM, ARSA, CKRC, GRES, GRES, YKA, MOA, SOKA, OBKA, KMBO, KYBA, ZOU, WTA, MOTTA, FETA, MURB, RAR, EKA, VSL, KEST, PPT, NVAR, MAW, TORD, TORD, DBIC, DBIC, TIC, LIC, SMLC, DBBC, ZARC, OCBC, SOCV, PAMC, BARC, NORC, SPOR, RUSC, YOTC, CHIC, MARR, GATA, MABC, BDFB, LPZ, LPZ, CPUP, KBL, CHGR, NLR, GAR, BTK, DHRM, DHRM, DHRM, AML, SMLA, SMLA, SMLA, KK31, KK31.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KK31, KKAR, EKSE, AAK, AAK, AAK, CHMS, USP, TKM2, TKM2, TKM2, AYAN, GEYT, GEYT, GYA0B, GYA0B, PYUN, DANN, BHPL, BHPL, KOLN, MAKZ, GKN, MK31, MKAR, PKIN, PKI, GUN, AB31, ABKAR, ABKAR, KURBB, RAMN, AKTO, AKTO, BVAR, BRVK, ZAO, ZAO, ZALV, ZALV, SHL, SHL, ARCES, TORD, WRA, ASAR, INET, UCR, Code Station Name, Az, Az, Phase ID, Time Res, Code Station Name, Az, Az, Phase ID, Time Res.

NAO 12 12:31:24.0±1.5, 78°32'N-7°76'E, ML3.6
 IDC 12 12:31:26.4±0.7, 78°19'N-8°04'E, h0km, mb3.8/14,
 mb1.4/0.17, mb1mx3.9/49, mbtmp3.8/17, ML3.1/3, MS3.9/35,
 Ms1.3/9.35, ms1mx3.8/48, Error ellipse: s-maj=13.7km
 s-min=10.4km az=19.0
 BER 12 12:31:26.5±4.1, 78°22'N-8°15'E, h8km, 16km, ML2.9,
 ML3.6(NAO), Confirmed Earthquake
 NEIC 12 12:31:26.2±1.1, 78°25'N-0°78.3E±0.2, h4km, 4km,
 mb4.4/22, Error ellipse: s-maj=10.8km s-min=9.4km
 az=149.0
 GCMT 12 12:31:26.2±0.2, 78°18'N-0°03.7'09E±0.09, h12km,
 MW4.8/94, Moment Tensor Solution. s15,c16; s94,c136;
 Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr=1.60±0.06;
 Mw=0.05±0.06; Ms=1.66±0.05; Me=1.46±0.27; Mm=0.05±0.06;
 Mo=0.23±0.20; Best double couple: Mu2.22400±0.1516
 NP1: 0.49, 0.00000°, 648.00000°, λ-135.00000°. NP2:
 0.49, 0.00000°, 658.00000°, λ-151.00000°. Principal axes: T
 1.9020, Plg6.0000°, Azm112.0000°, N 0.6520,
 Plg32.0000°, Azm206.0000°; P -2.5470, Plg57.0000°,
 Azm14.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

DNK 12 12:31:27.6±0.1, 78°23'N-6°94'E, h56km, 299km, ML3.3
 IEPN 12 12:31:28.0, 78°23'N-8°00'E, h10km
 ISC 12 12:31:26.2±0.4, 78°19'N-0°04.8'04E±0.03, h10km, m119,
 s292/129, mb4.1/24, MS4.0/28, 7C, Svalbard region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
KBS	Kingsbay	1.07	45	Op	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Pg	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Lg	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Pg	12 31 59.5		
KBS	Kingsbay	1.07	45	Op	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Pg	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Lg	12 31 45.0	-1.8	
KBS	Kingsbay	1.07	45	Pg	12 31 57.5	-3.2	
KBS	Kingsbay	1.07	45	Op	12 31 44.9	-1.8	
KBS	Kingsbay	1.07	45	Pg	12 31 56.8	-3.8	
BRBB	Barentsburg B	1.28	91	Lg	12 31 48.8	-1.2	
BRBB	Barentsburg B	1.28	91	Pn	12 32 06.3		
BRBB	Barentsburg B	1.28	91	Lg	12 32 04.8	-1.6	
BRBB	Barentsburg B	1.28	91	Sb	12 32 03.9	-2.8	
BRBA	Barentsburg A	1.28	93	Lg	12 31 48.9	-1.2	
BRBA	Barentsburg A	1.28	93	Pn	12 31 48.5	-1.6	
BRBA	Barentsburg A	1.28	93	Sb	12 32 04.8	-2.1	
BRBA	Barentsburg A	1.28	93	Sb	12 32 05.2		
SPA0	Spitsbergen Ar	1.71	86	Pn	12 31 55.6	-0.5	
SPA0	Spitsbergen Ar	1.71	86	Pg	12 31 56.2	-1.5	
SPA0	Spitsbergen Ar	1.71	86	Sn	12 32 16.6	-1.3	
SPA0	Spitsbergen Ar	1.71	86	Pn	12 31 55.6	-0.5	
SPA0	Spitsbergen Ar	1.71	86	Pn	12 31 55.6	-0.5	
SPIT5	Spitsbergen Ar	1.71	86	Pn	12 31 55.5	-0.5	
SPIT5	Spitsbergen Ar	1.71	86	Sn	12 32 16.9	-1.1	
SPIT5	Spitsbergen Ar	1.71	86	LR	12 32 45.1		
SPB2	Spitsbergen Ar	1.72	86	Pn	12 31 55.5	-0.5	
HSPB	Hornsund (broa)	2.01	123	Pn	12 31 58.3	-1.7	
HSPB	Hornsund (broa)	2.01	123	Sn	12 32 22.2	-3.0	
HSPB	Hornsund (broa)	2.01	123	Pn	12 31 58.4	-1.7	
HSPB	Hornsund (broa)	2.01	123	Sn	12 32 21.2	-4.0	
HSPB	Hornsund (broa)	2.01	123	Sb	12 32 21.4	-4.0	
HSPB	Hornsund (broa)	2.01	123	Sb	12 32 21.4	-4.0	
HSPB	Hornsund (broa)	2.01	123	Sb	12 32 21.4	-4.0	
HSPB	Hornsund (broa)	2.01	123	Sb	12 32 21.4	-4.0	
HOPEN	Hopen	4.08	106	Pn	12 32 27.1	-1.5	
HOPEN	Hopen	4.08	106	Pn	12 32 27.1	-1.5	
HOPEN	Hopen	4.08	106	Pn	12 32 27.6	-0.9	
HOPEN	Hopen	4.08	106	Sn	12 33 12.2	-4.0	
HOPEN	Hopen	4.08	106	Sb	12 33 15.1		
HOPEN	Hopen	4.08	106	Sb	12 32 27.4	-1.1	
HOPEN	Hopen	4.08	106	Sb	12 33 12.0	-4.3	
BJO1	Bjornoya	4.52	140	Pn	12 32 36.4	+1.9	
BJO1	Bjornoya	4.52	140	Sn	12 33 25.8	-1.1	
BJO1	Bjornoya	4.52	140	Sb	12 32 33.6	+0.9	
BJO1	Bjornoya	4.52	140	Sb	12 33 22.9	-4.0	
BJO1	Bjornoya	4.52	140	Sb	12 33 28.6		
BJO1	Bjornoya	4.52	140	Sb	12 32 35.7	+1.3	
BJO1	Bjornoya	4.52	140	Sb	12 32 22.6	-4.4	
NOR	Nord	5.48	320	Pn	12 32 45.6	-2.0	
NOR	Nord	5.48	320	Sn	12 33 14.2	-6.0	
NOR	Nord	5.48	320	Sb	12 32 45.9	-1.8	
NOR	Nord	5.48	320	Sb	12 33 44.3	-6.2	
NOR	Nord	5.48	320	Sb	12 33 51.6		
NOR	Nord	5.48	320	Sb	12 32 45.9	-1.8	
NOR	Nord	5.48	320	Sb	12 33 44.3	-6.2	
NOR	Nord	5.48	320	Sb	12 33 51.6		
DAG	Danmarks Havn	5.94	269	e	12 32 51.3	-2.6	
DAG	Danmarks Havn	5.94	269	i	12 32 51.8	-2.1	
DAG	Danmarks Havn	5.94	269	s	12 33 53.4	-8.5	
DAG	Danmarks Havn	5.94	269	s	12 34 00.8		
DAG	Danmarks Havn	5.94	269	e	12 32 51.3	-2.6	
DAG	Danmarks Havn	5.94	269	i	12 32 51.8	-2.1	
DAG	Danmarks Havn	5.94	269	s	12 33 53.4	-8.5	
DAG	Danmarks Havn	5.94	269	s	12 34 00.8		
ZFI	Zemlya Franca-	7.55	51	eP	12 33 14.8	-1.1	
ZFI	Zemlya Franca-	7.55	51	eS	12 34 33.0	-8.4	
DBG	Daneborg	7.70	254	Pn	12 33 14.3	-3.7	
DBG	Daneborg	7.70	254	Sb	12 34 35.7	-9.4	
DBG	Daneborg	7.70	254	i	12 33 15.9	-2.1	
DBG	Daneborg	7.70	254	s	12 34 36.4	-8.6	
DBG	Daneborg	7.70	254	s	12 34 39.3		
DBG	Daneborg	7.70	254	i	12 33 15.9	-2.1	
DBG	Daneborg	7.70	254	s	12 34 36.4	-8.6	
DBG	Daneborg	7.70	254	s	12 34 39.3		
JMIC	Jan Mayen	8.42	220	LR	12 35 47.7		
JMIC	Jan Mayen	8.42	220	Pn	12 33 26.5	-1.5	
JMIC	Jan Mayen	8.42	220	Pn	12 33 26.5	-1.5	
KIF	Kilpisjärvi	9.87	152	Pn	12 33 47.7	-0.1	
KEV	Kevo	9.89	139	Pn	12 33 47.7	-0.1	
ARA0	ARCESS Array S	9.89	142	Pn	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sn	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sn	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9	-6.0	
ARA0	ARCESS Array S	9.89	142	Sb	12 33 48.5	+0.4	
ARA0	ARCESS Array S	9.89	142	Sb	12 35 32.9		

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TMZ, CTZ, ODZ, EAZ.

Table for EAF 12:12:53:39.8:1.9, 22.01S:33.37E, h0km, 85km, MD3.5, Mozambique. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table for IDC 12:13:04:58.4:45.0, 19:18S:179:10W, h466km, 91km, mb3.3/3, mb1 3.4/4, mb1mx2.9/23, mbmt4.0/4, Error ellipse: s-maj=892.2km s-min=117.6km az=82.0, Fiji Islands region.

Table for PGC 12:13:05:06.4:22.0, 45:17N:128:46W, h10km, MLSn3.5/12, Mw4.1/12, 475km southwest of Ucluelet, Bc Off Coast Of Oregon Mining induced., Off coast of Oregon.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like NC27, ODP69, ECG9, Leban, WISH, OCP, CPW, TOFB, PFB, STW, HDW, GNW, MGB, B926, BTB, B927, VGZ, B009, B010, PA12, PGC, B011, D05A, FMW, MWAB, NLLB, MCW, TXB, CBB, SHB, ICW, CMW, NCRB, WNB, HWP, NLLB, RPW, LTY, VDB, B06A, CPW, WSLR.

Table for IDC 12:13:13:37:4.2:8.2, 23:57S:177:29W, h123km, 24km, mb3.7/10, mb1 4.0/12, mb1mx3.9/22, mbmt4.2/12, Error ellipse: s-maj=25.9km s-min=15.3km az=140.0, NEIC 12:13:13:37:4.2:0.2, 73S:0:1x177:1W:0.1, h125km, 6km, mb4.5/34, Error ellipse: s-maj=15.9km s-min=14.2km az=120.0.

Table for IDC 12:13:13:41:7.0:5.2, 33:64S:0:08:177:23W:0:10, h167km, n59, n185/59, mb4.3/27, South of Fiji Islands. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like MSVF, Nonsavu, AFI, Afiamalu, AFI, Afiamalu, URZ, Urewera, KHZ, Kahuta, LHI, Lord Howe Isla, CTAO, Charters Tower, PTAO, Stephens Creek, STKA, Stephens Creek, COEN, Coen, BBOO, Bucklebooo, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Warramunga Arr, WB2, Warramunga Arr, WB2, Warramunga Arr, WB0, Warramunga Arr, WB0, WRAB, Tennant Creek, WRA, Warramunga Arr, WRA, Warramunga Arr, FORT, Forrest, MTN, Manton Dam, MTN, Manton Dam, KNRA, Kununurra, FITZ, Fitzroy Crossi.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FITZ, SBA, Scott Base, VWA, Vanda, VWA, Vanda, MORW, Morawa, TOLIZ, Tolitoli, QSPA, South Pole Qui, TWG, Pinlang, SSILB, Suwunglung, MAW, Mawson, MAW, Mawson, NVAR, Mina Array Bea, PRN, Pahroc Range, TUC, Tucson, SNA, Sanae, VNA3, Neumayer Olymp, X16A, Lo Mia Camp, P, VNA2, Neumayer-Watz, VNA1, Neumayer-Stat, LC01, Curcoco, TMUT, Trail Mountain, MNTX, Cornudas Mount, TXAR, Lajitas Array, PDAR, Piedade Array, ILAR, Eielson Array, CMAR, Chiang Mai Arr, ARCES, ARCES Array B, FINES, FINES Array B, AKASG, Malin Array Be, CLL, Colim, CLL.

Table for IDC 12:13:37:10:7:13.0, 3:01S:126:99E, h0km, mb3.9/2, mb1 4.1/3, mb1mx3.5/25, mbmt3.9/3, ML3.8/1, Error ellipse: s-maj=334.6km s-min=181.6km az=80.0, Buru. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table for NORS 12:13:37:24:0:0.2, 42:81N:44:67E, h14km, MPVA3.2, DRS 12:13:37:24:0:0.2, 42:78N:44:26E, h18km, MOS 12:13:37:24:0:0.2, 42:83N:44:64E, h6km, MPVA3.2, ISC 12:13:37:27:3:1.1, 42:84N:0:03:44:66E:0:02, h2km, 10km, n23, n160/43, Western Caucasus. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like VLKR, Vladikavkaz, VLKR, Vladikavkaz, KMG, Komgongan, LACR, Lac, KORR, Kora, ZEI, Tsey, STDR, Stavt-Durt, STDR, Lesken, LSNR, Lesken, DIGR, Digroskoe uzhe, DIGR, Groznyy, GROC, Groznyy, ONI, Oni, ONI, Oni, BTLR, Botlikh, BTLR, Trliale, TRLG, Neidtrino, NEY, Naydrino, DCRG, Khabaz-gareji, KBZ, Khabaz, UNCR, Uncukul, UNCR, Dubki, DBC, Karanay, KRNR, Shidzhatmaz, SHA1, Arakani, ARKR, Arakani, GNBR, Gunib, GNBR, KIV, Kislodovsk, KIV, Kislodovsk.

Table for IDC 12:13:38:21:5:2.4, 5:83S:130:90E, h0km, mb4.0/1, mb1 4.0/3, mb1mx3.7/21, mbmt4.1/3, ML4.2/2, Error ellipse: s-maj=143.0km s-min=30.7km az=71.0, Banda Sea. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table for RSNC 12:13:44:31:3:1.3, 6:84N:71:97W, h4km, 5km, ML2.3, FUNIV 12:13:44:32:7:40N:72:26W, h133km, MW3.2, ISC 12:13:44:29:1:1.2, 6:93N:0:03:71:99W:0:02, h10km, 10km, n21, n2516/42, IC-2D, Northern Colombia. Columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CAPV, Capacho, BARC, Barichara, RUSC, La Rusia, RUSC, Barranca, Sant, BRRC, Socops, BRRC, Socops, OCAC, Ocana, OCAC, Santo Domingo, SDV, San Pablo de B, SPBC, San Martin de, ELOV, Elorza, PTGC, Puerto Gaitan, SMLC, San Martin de, SMLC, San Martin de, SMLC, Chingaza, ZARC, Zaragoza, Cauc, GUY2C, Guyana, GUY2C, BAUV, El Baul, MAPV, Macapo, MAPV, Beln, BENV, Beln.

Table for IDC 12:13:52:01.0:3.0, 32:81S:178:26W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.7/20, mbmt3.8/3, ML3.4/1, Error ellipse: s-maj=70.1km s-min=36.1km az=117.0, NEIC 12:13:52:02.9:0.5, 33:0S:0:1x178:3W:0.2, h10km, 2km, mb4.1/8, Error ellipse: s-maj=27.3km s-min=18.9km az=82.0.

Table for ISC 12:15:51:57:1.3, 3:3274S:0:09:177:8W:0:2, h10km, n28, n199/36, mb4.1/6, South of Kermadec Islands.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like GLKZ, Green Lake, WMXZ, Matakoa Point, WMXZ, Waionatini S, WMGZ, Pakihiroa, PKGZ, Te Kaha, HAZ, Puketiti, PUZ, Raukumara Rang, RUGZ, Rangitikei, CNZG, Carnagh Station, TKGZ, Te Karaka, MWZ, Matawai, URZ, Urewera, URZ, Urewera, MUGZ, Murupara, MUZ, Kahutara, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, WR0, Warramunga Arr, WR0, Warramunga Arr, WB2, Warramunga Arr, WRAB, Tennant Creek, WRA, Warramunga Arr, WRA, Warramunga Arr, FITZ, Fitzroy Crossi, QSPA, South Pole Qui, FINES, FINES Array B, FINES, FINES Array B, FINES, Kilonick sedl.

Table for MDD 12:14:00:03:1:0.4, 35:53N:3:76W, h0km, mbLg2.9/48, Error ellipse: s-maj=1.9km s-min=2.5km az=21.0, PRXIMO MDD ENE: s=INTENSIDAD MAXIMA, SFS 12:14:00:03:0:35:57N:3:72W, ML2.9, ALBORAN SUR, IGLI 12:14:00:04:1:35:55N:3:76W, h0km, ML2.5, INMG 12:14:00:04:3:1.4, 35:44N:3:72W, h22km, 10km, ML2.9, Error ellipse: s-maj=7.8km s-min=2.8km az=161.0, ISC 12:14:00:03:0:35:50N:0:03:3:69W:0:02, h32km, 10km, n110, n185/120, Strait of Gibraltar.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like PALE, Palesmas, PVLZ, Pean de, PVLZ, Pean de, EMEL, Melilla, EMEL, Melilla, MELI, Melilla, MELI, Melilla, EALB, Alboran, EALB, Alboran, CHAS, Isla Isabel I, CHAS, Taforalt, ELGU, Los Guajares, ELGU, Mijas, EMJ, Mijas.

12d 14h

EMUJ	162nm,0.2s,SNR=13	1.39 335	P	S	Sn	14 00 42.9	-1.0
EMAL	Malaga-Limoner	1.39 335	P	S	Pn	14 00 26.3	-0.7
EMAL	Malaga-Limoner	1.39 335	P	S	Sn	14 00 43.0	-1.2
EMAL	Malaga-Limoner	1.39 335	P	S	Pn	14 00 26.0	-1.4
CEU	Ceuta	1.42 287	P	S	Pn	14 00 41.7	-3.2
CEU	Ceuta	1.42 287	P	S	Sn	14 00 26.0	-1.4
CEU	Ceuta	1.42 287	P	S	Pn	14 00 41.7	-3.2
CEU	Ceuta	1.42 287	P	S	Sn	14 00 27.0	-0.4
ECEU	22nm,0.6s,SNR=8.2		S	S	Sn	14 00 44.8	-0.3
JBK	22nm,0.4s,SNR=8.7	1.49 141	P	P	Pn	14 00 30.0	+1.5
EBER	Gerja	1.54 25	P	P	Pn	14 00 28.6	-0.6
EBER	3.4nm,0.3s,SNR=18		S	S	Sn	14 00 47.2	-0.9
EGOR	90nm,0.2s,SNR=9.0	1.64 348	P	P	Pn	14 00 31.1	+0.6
EGOR	2.4nm,0.2s,SNR=7.9		S	S	Sn	14 00 50.9	+0.3
EGOR	96nm,0.3s,SNR=7.9	1.71 7	P	P	Pn	14 00 32.3	+0.8
EQUE	Qentar	1.71 7	P	P	Sn	14 00 51.9	-0.5
EQUE	4.3nm,0.3s,SNR=30		S	S	Sn	14 00 31.7	+0.1
EJIF	Jimena Fronter	1.73 304	P	P	Pn	14 00 31.7	+0.1
EJIF	SNR=7.9		S	S	Sn	14 00 54.3	+1.9
ENIJ	Nijar	1.90 39	P	P	Pn	14 00 33.2	-0.7
ENIJ	6.7nm,0.3s,SNR=7.9		S	S	Sn	14 00 54.5	-2.3
ENIJ	129nm,0.3s,SNR=7.9	2.04 15	P	P	Pn	14 00 39.2	+3.2
GORA	Gorafe	2.04 15	P	P	Sn	14 01 03.8	+3.4
GORA	50nm,0.2s,SNR=4.0		S	S	Sn	14 00 54.2	+3.2
GORA	118nm,0.4s,SNR=7.9	2.22 309	P	P	Pn	14 00 41.2	+2.8
ESPR	Espera	2.22 309	P	P	Sn	14 01 07.5	+2.9
ESPR	30nm,0.3s,SNR=7.2		S	S	Sn	14 00 42.0	+2.3
IFR	IFR	2.31 211	P	P	Pn	14 01 10.4	+2.3
IFR	IFR	2.31 211	P	P	Sn	14 01 10.4	+2.3
EQES	Quesada	2.35 12	P	P	Sn	14 01 10.3	+2.1
EQES	11nm,0.2s,SNR=72		S	S	Sn	14 01 17.4	+1.1
EQES	94nm,0.3s,SNR=6.7	2.69 36	S	S	Sn	14 00 47.2	+1.5
TLOR	Lorca, Murcia	2.69 36	S	S	Sn	14 01 18.4	+0.4
TLOR	180nm,0.5s,SNR=7.9	2.75 345	P	P	Pn	14 00 48.6	+2.5
EADA	Adamuz	2.75 345	P	P	Sn	14 00 48.6	+2.5
EADA	1.2nm,0.1s,SNR=28		S	S	Sn	14 00 49.4	+1.4
SESP	Santiago Espad	2.77 19	P	P	Pn	14 01 23.4	+1.4
SESP	7.3nm,0.2s,SNR=7.9		S	S	Sn	14 01 20.1	+1.5
SESP	102nm,0.4s,SNR=7.9	2.92 332	P	P	Pn	14 00 49.4	+1.4
ECAB	El Cabril	2.92 332	P	P	Sn	14 01 23.4	+1.4
ECAB	0.7nm,0.2s,SNR=21		S	S	Sn	14 01 22.4	-1.6
CART	Cartagena	3.01 45	S	S	Sn	14 01 22.4	-1.6
CART	Cartagena	3.01 45	S	S	Pn	14 00 50.1	+0.2
EMUR	La Murta	3.06 39	P	P	Sn	14 01 23.7	-1.7
EMUR	5.5nm,0.3s,SNR=13		S	S	Sn	14 00 53.7	+0.6
EMIN	Mina Concepcio	3.30 314	P	P	Pn	14 01 31.4	+0.1
EMIN	3.3nm,0.3s,SNR=10		S	S	Sn	14 00 59.5	+2.4
ETOB	Tobarra	3.58 28	P	P	Pn	14 01 38.8	+0.5
ETOB	13nm,0.2s,SNR=18		S	S	Sn	14 00 59.0	+0.8
ETOB	9.5nm,0.3s	3.67 305	P	P	Pn	14 01 39.7	-0.7
EGRO	El Granado	3.67 305	P	P	Sn	14 01 00.3	+0.8
EGRO	15nm,0.3s,SNR=14		S	S	Sn	14 01 41.9	-0.7
PVAQ	Vaqueiros	3.76 302	ePn	Pn	Pn	14 01 00.3	+0.8
PVAQ	Vaqueiros	3.76 302	eSn	Sn	A	14 01 41.9	-0.7
PVAQ	Vaqueiros	3.76 302	P	P	Sn	14 01 00.3	+0.8
PVAQ	Vaqueiros	3.76 302	S	S	Sn	14 01 41.9	-0.7
PBAR	Barrancos	3.79 316	ePn	Pn	Sn	14 01 00.6	+0.7
PBAR	Barrancos	3.79 316	eSn	Sn	A	14 01 43.6	+0.3
PBAR	Barrancos	3.79 316	P	P	Sn	14 01 01.2	+0.6
PBAR	Barrancos	3.79 316	S	S	Sn	14 01 44.2	-0.4
PBDV	Barranco-do-Ve	3.84 298	ePn	Pn	A	14 01 51.1	
PBDV	Barranco-do-Ve	3.84 298	eSn	Sn	A	14 01 01.2	+0.6
PBDV	Barranco-do-Ve	3.84 298	P	P	Sn	14 01 44.2	-0.4
PBDV	Barranco-do-Ve	3.84 298	S	S	Sn	14 01 01.2	+0.6
AFON	Font Roja	4.04 38	P	P	Pn	14 01 05.3	+1.8
AFON	4.9nm,0.3s,SNR=9.3		S	S	Sn	14 01 51.1	+1.4
PAB	San Pablo	4.07 353	P	P	Pn	14 01 05.4	+1.5
PAB	1.6nm,0.2s,SNR=7.9		S	S	Sn	14 01 51.5	+1.0
PCVE	Castro Verde	4.09 303	ePn	Pn	Sn	14 01 04.8	+0.7
PCVE	Castro Verde	4.09 303	eSn	Sn	A	14 01 50.6	-0.3
PCVE	Castro Verde	4.09 303	P	P	Sn	14 01 04.8	+0.7
PCVE	Castro Verde	4.09 303	S	S	Sn	14 01 50.6	-0.3
ESDC	Sonseca Array	4.17 357	P	P	Pn	14 01 07.2	+1.9
ESDC	2.0nm,0.3s,baz=173,slow=12,SNR=51		S	S	Sn	14 01 53.1	+0.1
PBEJ	Beja	4.19 308	ePn	Pn	Pn	14 01 06.8	+1.4
PBEJ	Beja	4.19 308	eSn	Sn	A	14 01 53.4	0.0
PBEJ	Beja	4.19 308	P	P	Sn	14 01 06.8	+1.4
PBEJ	Beja	4.19 308	S	S	Sn	14 01 53.4	0.0
EBAD	Badajoz	4.20 322	P	P	Pn	14 01 06.2	+0.7
EBAD	1.3nm,0.1s,SNR=21		S	S	Sn	14 01 51.9	-1.5
EBEN2	Beniarda presa	4.23 40	P	P	Pn	14 01 07.1	+1.1
EBEN2	1.1nm,0.1s,SNR=7.9		S	S	Sn	14 01 52.8	-1.5
MESJ	Messejana	4.32 304	ePn	Pn	Sn	14 01 08.1	+0.8
MESJ	Messejana	4.32 304	eSn	Sn	A	14 01 55.2	-1.4
MESJ	Messejana	4.32 304	P	P	Sn	14 01 08.1	+0.8
MESJ	Messejana	4.32 304	S	S	Sn	14 01 55.2	-1.4
MORF	Marlete	4.39 296	ePn	Pn	Sn	14 01 09.5	+1.3
MORF	Marlete	4.39 296	eSn	Sn	A	14 01 57.9	-0.3
MORF	Marlete	4.39 296	P	P	Sn	14 01 09.5	+1.3
MORF	Marlete	4.39 296	S	S	Sn	14 01 57.9	-0.3
PVFI	Vila Bisbo	4.45 293	eSn	Sn	A	14 01 08.4	+1.1
PVFI	Vila Bisbo	4.45 293	P	P	Sn	14 01 56.1	-0.4
PVFI	Vila Bisbo	4.45 293	S	S	Sn	14 01 08.4	+1.1
PVFI	Vila Bisbo	4.45 293	S	S	Sn	14 01 56.1	-0.4
PTEO	Sao Teotonio	4.54 298	ePn	Pn	Sn	14 01 11.9	+1.7
PTEO	Sao Teotonio	4.54 298	eSn	Sn	A	14 02 02.5	+0.7
PTEO	Sao Teotonio	4.54 298	P	P	Sn	14 01 11.9	+1.7
PTEO	Sao Teotonio	4.54 298	S	S	Sn	14 02 02.5	+0.7

2015 OCT

PTEO	comp=N,7.2nm,0.8s	4.58 318	ePn	Pn	Sn	14 02 02.5	+0.7
PESTR	Estremoz	4.58 318	eSn	Sn	Pn	14 01 12.0	+1.2
PESTR	Estremoz	4.58 318	P	P	Sn	14 02 02.1	-0.8
PESTR	Estremoz	4.58 318	S	S	Sn	14 01 11.8	+0.9
EVO	Evora	4.59 312	ePn	Pn	Sn	14 02 01.5	+1.6
EVO	Evora	4.59 312	eSn	Sn	Pn	14 01 12.2	+1.2
EVO	Evora	4.59 312	A	A	Sn	14 02 01.6	-1.6
EVO	Evora	4.59 312	P	P	Sn	14 02 11.8	
EVO	comp=N,17nm,0.6s	4.59 312	P	P	Sn	14 01 12.2	+1.2
EVO	Evora	4.59 312	P	P	Sn	14 02 01.6	-1.6
ECHER	Chera	4.62 27	P	P	Pn	14 01 13.0	+1.6
ECHER	comp=N,1.0nm,0.3s,SNR=7.9	4.62 27	P	P	Pn	14 01 12.8	+0.7
PNCL	Nicolau / Gran	4.67 305	ePn	Pn	Sn	14 02 03.9	-1.3
PNCL	Nicolau / Gran	4.67 305	eSn	Sn	A	14 02 00.7	
PNCL	Nicolau / Gran	4.67 305	P	P	Sn	14 01 12.8	+0.7
PNCL	Nicolau / Gran	4.67 305	S	S	Sn	14 02 03.9	-1.3
PNCL	comp=N,10nm,0.5s	4.67 305	P	P	Sn	14 02 03.9	-1.3
PMRV	Marv???	4.90 324	ePn	Pn	Pn	14 01 16.7	+1.5
PMRV	Marv???	4.90 324	eSn	Sn	A	14 02 10.0	-0.8
PMRV	Marv???	4.90 324	P	P	Sn	14 02 27.3	
PMRV	Marv???	4.90 324	S	S	Sn	14 01 16.7	+1.5
PMRV	Marv???	4.90 324	P	P	Sn	14 02 10.0	-0.8
EPLA	Plasencia	4.93 338	P	P	Pn	14 01 17.6	+1.9
EPLA	comp=N,4.7nm,0.7s,SNR=6.6	4.93 338	P	P	Sn	14 02 10.9	-0.8
PMTG	Montargil	5.07 316	ePn	Pn	Sn	14 01 18.7	+1.1
PMTG	Montargil	5.07 316	eSn	Sn	A	14 02 14.4	-0.6
PMTG	Montargil	5.07 316	P	P	Sn	14 01 18.7	+1.1
PMTG	Montargil	5.07 316	S	S	Sn	14 02 14.4	-0.6
PMTG	comp=N,10nm,0.4s	5.07 316	P	P	Sn	14 01 18.7	+1.1
GUD	Guadarrama	5.15 356	P	P	Sn	14 02 20.0	+1.3
GUD	comp=N,2.3nm,0.4s,SNR=6.5	5.15 356	P	P	Sn	14 02 15.8	-1.3
GUD	Guadarrama	5.15 356	P	P	Sn	14 01 22.1	+1.8
GUD	Guadarrama	5.15 356	P	P	Sn	14 02 18.9	-1.0
PCBR	Castelo Branco	5.27 326	ePn	Pn	Sn	14 01 22.1	+1.8
PCBR	Castelo Branco	5.27 326	eSn	Sn	A	14 02 18.9	-1.0
PCBR	Castelo Branco	5.27 326	P	P	Sn	14 01 22.1	+1.8
PCBR	Castelo Branco	5.27 326	S	S	Sn	14 02 18.9	-1.0
PCBR	comp=N,7.5nm,0.7s	5.27 326	P	P	Sn	14 01 21.8	+0.5
EIBI	Ibiza	5.34 47	P	P	Pn	14 02 18.9	-1.0
EIBI	comp=N,5.3nm,0.4s,SNR=33	5.34 47	P	P	Sn	14 02 18.9	-1.0
EIBI	Ibiza	5.34 47	P	P	Sn	14 02 18.9	-1.0
EIBI	Ibiza	5.34 47	P	P	Sn	14 02 18.9	-1.0
ETOR	Torete	5.47 13	P	P	Pn	14 01 24.7	+1.6
ETOR	comp=N,8.7nm,0.3s	5.47 13	P	P	Sn	14 02 24.0	-0.8
ETOR	Torete	5.47 13	P	P	Sn	14 01 25.0	+1.7
ETOR	Torete	5.47 13	P	P	Sn	14 02 25.1	-0.3
EMOS	Mosqueruela	5.48 27	P	P	Pn	14 01 26.9	+1.6
EMOS	comp=N,0.4nm,0.2s,SNR=7.9	5.48 27	P	P			

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AHML Horco Molle, FSA Cafayete, LCO1 Cunco, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes NEIC 12 14:11:15.9, TUL 12 14:11:16.0, ANF 12 14:11:17.1, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes X37A, WMOK Wichita Mounta, HHAR Hobbs, etc.

IDC 12 14:19:52.4, 7.3, 30.55Sx178.08W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/28, mbtmp3.4/2, Error ellipse: s-maj=299.0km s-min=62.7km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

PRES 12 14:23:27.1, 1.1, 0.25, 47S, 29, 61E, h5km, ML2.3 EAF 12 14:23:45.8, 2.7, 24.43S, 30, 45E, h10km, MD3.5 ISC 12 14:23:19.1, 1.4, 25.65S, 0, 07, 29, 55E, 0, 06, h10km, n9, e1917/14, South Africa

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes MOPA Mopani, MOPA MOPA, MOPA MOPA, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes IDC 12 14:25:40.1, 0.9, 24.13N, 121.72E, h0km, mb3.6/8, JMA 12 14:25:42.5, 0.2, 24.16N, 121.75E, h21km, mb2km, M3.5, NIED 12 14:25:42.5, 24.16N, 121.75E, h21km, MW3.8, Moment Tensor Solution, s2, Moment tensor: Scale 10^14Nm, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes EHP Heping Village, EHP Heping Village, ENA Nanau, ENA Nanau, ENA Nanau, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WAKE Wake Island, WRO Warramunga Arr, AS31 Alice Springs, etc.

SJA 12 14:59:17.3-0.6, 30:52S:71:99W, h16km, 3M, 4L4.6, MW4.3
VAO 12 14:59:20.9-0.3, 30:62S:71:77W, h31km, mb4.6
IDC 12 14:59:21.6-0.7, 30:56S:71:64W, h27km, 3M, mb4.2/5, mb1.4/2.0, mb1mx3.9/27, mbmp4.2/10, ML4.2/5, MS3.8/9, Ms1.3/8.9, ms1mx3.5/14.2, Error ellipse: s-maj=25.1km s-min=18.9km az=11.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CO06 Fray Jorge, CO05 La Serena, CO04 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RTLS Leoncito, RTLS Leoncito, RTLS Leoncito, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MT05 Renca, MT05 Renca, MT05 Renca, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like G003 Talagante, MT09 Talagante, MT09 Talagante, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AADB Auidauana, AADB Pitanga, AADB Pontes e Lacer, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RUSC La Rusia, RUSC Ciudad Bolivar, RUSC Dabeiba, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SJJCC San Jacinto, SJJCC San Jacinto, SJJCC San Jacinto, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LIC Lamto, TIC Toundou, TIC KIC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, El, P, S, 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, El, P, S, 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, El, P, S, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

P57A	Homestead Farm	28.09	17	P	P	15 24 39.5 +1.2
P57A	comp-Z,19nm,0.7s			I	Amb	15 24 40.8
N49A	Columbus Grove	28.20	7	P	P	15 24 39.2 0.0
N49A	comp-Z,16nm,1.2s			I	Amb	15 24 55.7
SDMD	Soldier's Deli	28.38	19	P	P	15 24 41.5 +0.7
K5CO	Kaye Sheddock	28.87	337	P	P	15 24 46.8 +1.3
SDCO	Great Sand Dun	29.03	332	P	P	15 24 48.2 +1.2
SDCO	Great Sand Dun	29.03	332	P	P	15 24 47.7 +0.7
P60A	Greenville	29.15	21	P	P	15 24 47.9 +0.3
P60A	comp-Z,14nm,0.8s			I	Amb	15 24 49.2
P60A	Greenville	29.15	21	P	P	15 24 48.2 +0.6
PAGS	Pennsylvania G	29.17	19	P	P	15 24 48.6 +0.8
PAGS	comp-Z,13nm,0.8s			I	Amb	15 24 49.9
SSPA	Standing Stone	29.19	17	P	P	15 24 49.0 +0.9
SSPA	Standing Stone	29.19	17	P	P	15 24 47.5 -0.6
M53A	WI Miller and	29.28	12	P	P	15 24 49.0 +0.3
214A	Organ Pipe Nat	29.28	314	P	P	15 24 50.4 +1.4
M54A	Oil Creek Stat	29.56	14	P	P	15 24 51.5 +0.2
M54A	comp-Z,19nm,1.1s			I	Amb	15 25 18.6
BOAY	Bou Vista	29.61	108	eP	P	15 24 49.9 -2.2
S22A	4UR Ranch, Cre	29.66	300	P	P	15 24 53.7 +1.1
M55A	Ridgway	29.74	15	P	P	15 24 53.7 +0.8
M55A	comp-Z,10nm,0.9s			I	Amb	15 25 12.1
X16A	Lo Mia Camp, P	29.87	320	P	P	15 24 55.6 +1.2
N59A	State Game Lan	30.09	20	P	P	15 24 56.7 +0.7
N59A	comp-Z,10nm,0.7s			I	Amb	15 24 57.9
N59A	State Game Lan	30.09	20	P	P	15 24 57.0 +0.9
MVCO	Mesa Verde	30.11	327	P	P	15 24 58.2 +1.7
MVCO	Mesa Verde	30.11	327	P	P	15 24 57.9 +1.4
113A	Mohawk Valley,	30.40	315	PcP	PcP	15 27 58.4 +1.0
WUJZ	Wupatki	30.55	321	P	P	15 25 02.1 +1.9
WUJZ	Wupatki	30.55	321	P	P	15 25 00.7 +0.3
ISCO	Idaho Springs	30.76	334	P	P	15 25 02.9 +0.6
ISCO	Idaho Springs	30.76	334	P	P	15 25 02.5 +0.2
PAL	Palisades	30.82	22	P	P	15 25 02.6 +0.3
PAL	comp-Z,19nm,1.1s			I	Amb	15 25 28.1
PAL	Palisades	30.82	22	P	P	15 25 02.1 -0.3
SMCO	Snowmass	30.87	331	P	P	15 25 04.6 +1.2
SMCO	comp-Z,9.3nm,0.8s			I	Amb	15 25 06.5
PV15	Paradox Valley	30.95	329	P	P	15 25 06.3 +2.3
PV15	comp-Z,6.5nm,0.6s			I	Amb	15 25 11.6
PV15	Paradox Valley	30.98	328	P	PcP	15 28 00.2 +1.0
PV13	Radium Mtn., P	30.99	328	P	P	15 25 06.0 +1.8
PV05	Paradox Valley	31.07	328	P	P	15 25 06.0 +1.0
PV05	comp-Z,8.7nm,0.7s			I	Amb	15 25 08.9
PV03	Paradox Valley	31.07	328	P	P	15 25 06.2 +1.3
PV03	comp-Z,11nm,0.8s			I	Amb	15 25 08.7
PV12	Saucer Basin,	31.10	328	P	P	15 25 06.6 +1.4
PV12	comp-Z,17nm,0.8s			I	Amb	15 25 09.2
PV18	Skein Mesa, Pa	31.10	328	P	P	15 25 06.1 +0.9
PV18	comp-Z,16nm,0.7s			I	Amb	15 25 09.3
PV18	David Mesa, Pa	31.12	328	P	PcP	15 28 00.4 +0.9
PV11	comp-Z,14nm,0.7s			I	Amb	15 25 06.6 +1.3
PV11	David Mesa, Pa	31.12	328	P	P	15 25 10.9
PV11	comp-Z,13nm,0.9s			I	Amb	15 25 06.0 +0.9
PV17	East Wray Mesa	31.15	328	P	PcP	15 25 06.7 +1.0
PV17	comp-Z,16nm,0.8s			I	Amb	15 25 09.2
PV17	Nyswonger Mesa	31.15	328	P	PcP	15 28 00.1 +0.5
PV16	comp-Z,11nm,0.8s			I	Amb	15 25 06.5 +0.9
PV19	Morning Glory	31.18	328	P	P	15 25 06.9 +1.0
PV19	comp-Z,9.7nm,0.7s			I	Amb	15 25 09.5
PV20	West Nyswonger	31.20	328	P	P	15 25 07.0 +0.9
PV20	comp-Z,11nm,1.0s			I	Amb	15 25 09.6
PV04	Paradox Valley	31.21	328	P	P	15 25 07.2 +1.1
PV04	comp-Z,9.9nm,0.7s			I	Amb	15 25 09.5
PV14	Lion Creek, Pa	31.25	328	P	P	15 25 07.4 +0.8
PV14	comp-Z,12nm,0.9s			I	Amb	15 25 10.1
PV14	Blue Mesa, Par	31.25	328	P	PcP	15 28 00.9 +1.0
PV22	Paradox Valley	31.26	328	P	PcP	15 25 08.0 +1.4
PV10	Paradox Valley	31.26	328	P	PcP	15 28 00.6 +0.7
PV10	comp-Z,13nm,0.8s			I	Amb	15 25 06.6 +0.1
PV23	Carpenter Ridge	31.30	328	P	P	15 25 09.4 +2.3
PV23	comp-Z,12nm,0.7s			I	Amb	15 25 11.5
PV21	Cone Mtn., Par	31.37	328	P	P	15 28 01.5 +1.3
L59A	Walton	31.48	19	P	P	15 25 08.9 +0.6
L59A	comp-Z,8.3nm,0.8s			I	Amb	15 25 11.1
ECSD	EROS Data Cent	31.53	349	P	P	15 25 08.6 -0.1
ECSD	EROS Data Cent	31.53	349	P	P	15 25 08.0 -0.7
PDMC	Parker Dam,Lak	31.55	317	P	P	15 25 09.4 +0.5
ETMB	Extrema	31.62	134	eP	P	15 25 10.2 +0.5
N23A	Red Feather La	31.81	335	P	P	15 25 11.4 0.0
W13A	Hualapai Mount	31.86	318	P	P	15 25 12.1 +0.2
W13A	comp-Z,11nm,1.1s			I	Amb	15 28 01.0 -0.6
M63A	Gales Ferry	31.87	24	P	PcP	15 25 12.0 +0.4
MACA	Manacapuru-AM	31.92	118	eP	P	15 25 12.8 +0.4
J56A	Wolcott	31.93	16	P	P	15 25 11.8 -0.3
BC3	Big Chuckawall	32.07	315	P	P	15 25 13.9 +0.3
IRM	Iron Mountain	32.14	316	P	P	15 25 14.8 +0.6
O20A	White River Ci	32.22	331	P	P	15 25 17.1 +2.0
O20A	White River Ci	32.22	331	P	P	15 25 16.7 +1.7
J57A	Williamstown	32.29	17	P	P	15 25 15.7 +0.3
SPMN	Marine on St.	32.45	354	P	P	15 25 15.8 -0.9
J58A	Remsen	32.46	18	P	P	15 25 16.4 -0.4
L61B	Northampton	32.52	22	P	P	15 25 17.1 -0.3
SRU	San Rafael Swe	32.58	327	P	P	15 25 19.5 +1.3
LCMT	Little Creek M	32.67	322	P	P	15 25 20.3 +1.4
MTPO	Mount Pierson	32.73	324	P	P	15 25 21.5 +1.8
PFO	Pinyon Flats O	32.75	314	P	P	15 25 19.3 -0.3
SADO	Sadowa	32.79	12	P	P	15 25 18.8 -0.9
SADO	comp-Z,9.3nm,0.8s			I	Amb	15 25 21.6 +1.6
Q16A	Castle Valley	32.79	326	P	P	15 25 19.2 +0.6
J59A	Piesco	32.80	19	P	P	15 25 19.2 -0.6
J59A	comp-Z,16nm,1.2s			I	Amb	15 25 38.8
P18A	Preston Nutter	32.82	328	P	P	15 25 21.1 +0.7
P18A	comp-Z,10nm,0.8s			I	Amb	15 25 20.2 +0.9
DELO	Deloro Mine	32.89	14	P	P	15 25 20.4 -0.2
DELO	comp-Z,13nm,1.1s			I	Amb	15 25 39.3
SZCU	Shurtz Canyon	32.96	323	P	P	15 25 22.7 +1.2
P17A	Butcher Ranch,	32.96	327	P	P	15 25 22.4 +0.9
P17A	comp-Z,8.5nm,0.8s			I	Amb	15 25 25.4
RWWY	Rawlins	33.00	334	P	P	15 25 23.0 +1.1
TMUT	Trail Mountain	33.08	327	P	P	15 25 23.3 +0.8

TMUT	Red Mountain	33.20	330	PcP	P	15 28 05.8 +0.8
RDMU	Samuel	33.23	129	P	P	15 28 05.8 +0.6
SAML	Samuel	33.23	129	P	P	15 25 22.9 -0.9
SAML	Samuel	33.23	129	eP	P	15 25 23.4 -0.5
TCRU	Three Creeks R	33.28	325	I	Amb	15 25 25.4 +1.1
TCRU	comp-Z,3.8nm,0.4s			I	Amb	15 25 50.6
TUQ	Turquoise Moun	33.40	317	P	P	15 25 25.1 -0.2
K22A	Casper	33.52	336	P	P	15 25 26.9 +0.7
K22A	comp-Z,12nm,0.8s			I	Amb	15 25 29.6
K22A	Casper	33.52	336	P	P	15 25 26.9 +0.7
LONY	Lake Ozonia	33.81	18	P	P	15 25 28.1 -0.6
LONY	comp-Z,14nm,1.0s			I	Amb	15 25 47.7
LONY	Lake Ozonia	33.81	18	P	P	15 25 28.7 +0.1
RSSD	Black Hills	33.86	340	P	P	15 25 29.9 +0.6
PSUT	Pine Spring	34.03	323	P	P	15 25 32.2 +1.3
PSUT	comp-Z,4.7nm,0.7s			I	Amb	15 28 09.0 +1.4
I62A	Tamworth	34.25	22	P	PcP	15 25 33.1 +0.7
OSF	Queen of Sheba	34.33	317	P	PcP	15 25 38.5 +0.1
CTU	Camp Tracy	34.38	328	P	P	15 25 34.7 +0.8
EDW2	Edwards Air Fo	34.50	314	P	P	15 25 35.5 +0.8
TCUT	Toone Canyon	34.52	329	P	P	15 25 36.8 +1.7
TCUT	comp-Z,8.0nm,0.5s			I	Amb	15 25 40.7
LRMC	Laurel Mtn Rad	34.61	316	P	P	15 25 36.2 +0.4
MNT0	Montreal, Queb	34.90	18	P	P	15 25 38.3 +0.4
BW06	Boulder Array	34.90	333	P	P	15 25 38.5 +0.1
BW06	Boulder Array	34.90	333	P	P	15 25 38.2 -0.1
PD31	Pinedale Array	34.90	333	P	P	15 25 38.5 +0.1
PDAR	Pinedale Array	34.90	333	P	P	15 25 38.8 +0.4
PDAR	comp-Z,3.6nm,0.7s,baz=126,slow=10,SNR=26			PcP	PcP	15 28 09.8 -0.3
PDAR	Pinedale Array	34.90	333	P	P	15 25 38.5 +0.1
R11A	Troy Canyon, C	34.95	321	P	P	15 25 37.7 -1.0
EYMN	Ely	35.05	357	P	P	15 25 37.8 -1.5
EYMN	comp-Z,23nm,1.4s			I	Amb	15 25 39.3
EYMN	Ely	35.05	357	P	P	15 25 38.0 -1.2
SPUT	South Promonto	35.20	328	P	P	15 25 41.5 +0.7
BGU	Big Grassy Mou	35.22	327	P	P	15 25 41.4 +0.3
ISA	Isabella, Lake	35.25	315	P	P	15 25 42.5 +1.2
GRAC	Grapevine Rang	35.25	318	P	P	15 25 41.6 +0.4
LPAZ	La Paz	35.31	345	P	P	15 25 41.4 -1.1
LPAZ	comp-Z,3.5nm,0.6s,baz=337,slow=6.8,SNR=18			I	Amb	15 39 59.1
LPAZ	La Paz	35.31	345	P	P	15 25 42.3 -0.2
LPWZ	La Paz	35.31	345	eP	P	15 25 44.2 +1.7
CWC	Cottonwood Cre	35.31	417	P	P	15 25 42.4 -0.3
AHID	Auburn Hatcher	35.62	331	P	P	15 25 45.5 +1.0
AHID	comp-Z,10nm,0.9s			I	Amb	15 25 46.5
G62A	West of Eustis	35.70	22	P	P	15 25 45.8 +0.9
G62A	comp-Z,8.8nm,0.7s			I	Amb	15 25 46.9
HVU	Hansel Valley	35.71	328	P	P	15 25 46.0 +0.9
AGMN	Agassiz Nation	35.84	332	P	P	15 25 45.4 -0.6
REDW	Red Top Meadow	3				

12d 15h

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like PARB, CNLB, PLTB, etc.

2015 OCT

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like BWN, H24K, H24K, etc.

482

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like AFI, AFI, AFI, etc.

NEIC 12 15:25:27.3s, 1.9, 20.37S; 0.09; 177.5W; 0.1, h487km, 8km, mb4.4/39, Error ellipse: s-maj=16.7km s-min=12.9km az=94.0

IDC 12 15:35:45.7±0.8, 11.85N; 58.15E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.4/5.4, mbtmp3.7/4, Error ellipse: s-maj=24.1km s-min=16.2km az=79.0, Owen Fracture Zone

DMN 12 15:39:04.0, 2.29, 16N, 86.46E, h10km, ML4.9/12, Error ellipse: s-maj=3.9km s-min=1.9km az=17.0
 IDC 12 15:39:05.0, 0.7, 28.95N, 86.22E, h0km, mb4.1/16, mb1 4.2/19, mb1mx4.0/6.0, mbtmp4.1/19, ML3.8/3, MS3.3/7, Ms1 3.3/7, ms1mx3.0/4.2, Error ellipse: s-maj=25.2km s-min=13.8km az=58.0
 MOS 12 15:39:06.9, 1.2, 29.03N, 86.16E, h18km, mb4.6/18, Error ellipse: s-maj=9.8km s-min=5.1km az=117.2
 BUI 12 15:39:06.0, 0.2, 29.06N, 86.49E, h7km, mb4.5/7, mb4 1/17, Ms3.9/9, Ms7.3/6.9
 NEIC 12 15:39:07.4, 1.6, 28.96N, 0.04, 86.37E, 0.03, h10km, 1km, mb4.5/67, Error ellipse: s-maj=7.6km s-min=2.9km az=148.0
 NDI 12 15:39:09.4, 0.3, 28.95N, 86.28E, h10km, ML3.8, mb4.5(NEIC)

ISC 12 15:39:07.3, 1.2, 29.04N, 0.03, 86.31E, 0.03, h12km, 8km, n180, s1543/193, mb4.5/49, MS3.4/5, 8C-6D, Xizang

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GUN	Gumba	1.19	199	Op	15 39 29.0	-1.0
GUN	Gumba			Op	15 39 47.8	+1.4
KKN	Kakani	1.54	216	eP	15 39 35.9	-0.1
KKN	Kakani			Pb	15 39 58.4	+1.3
PKI	Pulchoki	1.67	209	eP	15 39 38.3	+0.1
PKI	Pulchoki			Pb	15 40 02.5	+1.4
PKIN	Phulchoki	1.67	209	eP	15 39 38.5	+0.3
PKIN	Phulchoki			Pb	15 40 02.8	+1.7
DMN	Daman	1.78	217	eP	15 39 40.7	+0.6
DMN	Daman			Pb	15 40 06.6	+1.9
GKN	Gorkha	1.80	235	eP	15 39 41.2	+0.8
GKN	Gorkha			Pb	15 40 07.3	+2.0
TAPN	Tapejung	2.09	144	eP	15 39 44.0	-1.3
TAPN	Tapejung			Pb	15 40 11.1	-0.3
RAMN	Ramite	2.10	173	eP	15 39 44.7	-0.8
RAMN	Ramite			Pb	15 40 13.0	+1.3
DANN	Dangsing	2.35	253	eP	15 39 50.4	+0.7
DANN	Dangsing			Pb	15 40 23.0	+0.2
ODAN	Odare	2.38	156	eP	15 39 49.9	-0.3
ODAN	Odare			Pb	15 40 21.0	+1.5
GTK	Tadong	2.65	130	eP	15 39 54.8	0.0
GTK	Tadong			Pb	15 40 25.9	-1.5
KOLN	Koldanda	2.71	243	eP	15 39 57.8	-1.4
KOLN	Koldanda			Pb	15 40 33.9	-0.4
PYUN	Pluthan	3.07	253	eP	15 40 04.7	-1.5
PYUN	Pluthan			Pb	15 40 45.7	-0.3
LSA	Lhasa	4.27	80	Pg	15 40 15.2	+2.6
LSA	Lhasa			Pn	15 40 14.7	+2.1
LSA	Lhasa			Pn	15 40 14.7	+2.1
BOK	Bokaro	4.27	80	Pn	15 40 14.7	+2.1
BOK	Bokaro			Pn	15 40 24.5	-1.0
BOK	Bokaro			IAML	15 42 00.0	
SHL	Shillong	6.04	124	Pn	15 40 37.0	+0.2
SHL	Shillong			Pn	15 40 37.0	+0.2
SHL	Shillong			Pn	15 40 37.1	+0.4
DDI	Dehra Dun	7.30	282	eP	15 40 58.0	+4.1
KOHI	KOHIMA	7.68	1141	eP	15 40 59.6	+0.4
MOKO	MOKOCHONG	7.76	109	eP	15 41 00.9	+0.5
MOKO	MOKO			IAML	15 42 27.7	
SMLA	Simla	8.19	287	eP	15 41 07.6	+1.6
SMLA	Simla			IAML	15 42 47.3	
SMLA	Simla			IAML	15 42 49.2	
LKP	Lekhapani	8.58	99	eP	15 41 11.5	+0.1
LKP	Lekhapani			IAML	15 42 49.2	
DHRM	DHARAMSHALA	9.20	293	eP	15 41 22.1	+2.0
DHRM	DHARAMSHALA			IAML	15 43 14.1	
DHRM	DHARAMSHALA			IAML	15 43 17.5	
BHPL	Bhopal	9.86	236	eP	15 41 26.9	-2.0
BHPL	Bhopal			Pn	15 43 11.4	-8.1
BHPL	Bhopal			IAML	15 43 18.9	
NIL	Nilore	12.07	296	Pn	15 41 57.6	-1.6
NIL	Nilore			Pn	15 41 57.6	-1.6
KSH	Kashi	13.49	323	S	15 42 17.2	-1.4
KSH	Kashi			Pn	15 44 46.8	-1.7
KSH	Kashi			Pmax		
HYB	Hyderabad	13.59	213	iP	15 42 17.0	-3.0
HYB	Hyderabad			Pn	15 44 48.0	-3.0
HYB	Hyderabad			eP	15 42 18.6	-1.4
HYB	Hyderabad			Sn	15 44 51.0	0.0
TARG	Taragay, Kyrgy	14.42	334	eP	15 42 36.3	-2.4
WMQ	Urumqi	14.79	4	eP	15 42 37.1	+0.8
GTA	Gaotai	15.20	44	eP	15 42 46.6	-0.4
GTA	Gaotai			pP	15 42 50.9	-0.9
GTA	Gaotai			pP	15 42 54.0	+0.1
CHTO	Chiang Mai	15.38	129	P	15 42 47.6	-1.3
CHTO	Chiang Mai			Pmax		
CHTO	Chiang Mai			Pmax		
CM31	Chiang Mai Arr	15.63	130	P	15 42 50.5	-1.2
CM31	Chiang Mai Arr			IAMB	15 43 00.6	
CMAR	Chiang Mai Arr	15.63	130	Pn	15 42 48.1	+0.6
CMAR	Chiang Mai Arr			LR	15 50 11.8	
CMAR	Chiang Mai Arr			LR	15 42 51.7	0.0
CMAR	Chiang Mai Arr			Pmax		
CMAR	Chiang Mai Arr			P	15 42 50.8	-1.0
KBL	Kabul	15.67	295	P	15 42 45.4	-2.8
KBL	Kabul			Pmax		
KBL	Kabul			IAMB	15 42 50.0	
TKM2	Tokmak 2	16.32	331	P	15 42 55.5	-1.0
GARM	Garmchizi	16.55	311	Pn	15 42 54.1	-4.5
AAK	Ala-Archa	16.58	328	Pn	15 43 00.1	+0.3
AAK	Ala-Archa			LR	15 49 40.2	
AAK	Ala-Archa			LR	15 49 40.2	
AAK	Ala-Archa			Pmax		
AAK	Ala-Archa			P	15 43 00.4	+0.6
AAK	Ala-Archa			P	15 43 00.4	+0.6
BTK	Batken	16.82	315	P	15 42 59.9	-2.8
BTK	Batken			Pmax		
BTK	Batken			IAMB	15 42 59.9	-2.8
BTK	Batken			Pn	15 43 11.0	
CHGR	Chuyangaron	17.15	308	P	15 43 08.4	-0.1
CHGR	Chuyangaron			IAMB	15 43 10.9	
MK31	Makanchi Array	18.00	351	iP	15 43 17.1	-0.2
MK31	Makanchi Array			Pn	15 43 16.0	-1.3
MK31	Makanchi Array			IAMB	15 43 20.3	
MKAR	Makanchi Array	18.00	351	P	15 43 17.2	-0.1
MKAR	Makanchi Array			Pn	15 43 16.7	-0.6
MAKZ	Makanchi	18.06	350	P	15 43 17.3	-0.7
MAKZ	Makanchi			Pn	15 43 17.2	-0.8
GYA	Guiyang	18.20	93	iP	15 43 19.7	-0.3
GYA	Guiyang			Sn	15 46 42.7	-0.4
GYA	Guiyang			Pmax		
GYA	Guiyang			Pmax		

GYA	Guiyang	comp=Z, 94nm, 4.4s	LR	LR		
GYA	Guiyang	comp=Z, 280nm, 4.3s	LR	LR		
GYA	Guiyang	comp=Z, 140nm, 3.8s	LR	LR		
GYA	Guiyang	comp=Z, 150nm, 4.4s	LR	LR		
KK31	Kararay Array	18.93 322	iP	P	15 43 28.5	+0.5
KK31	Kararay Array	18.93 322	P	P	15 43 26.6	-1.4
KKAR	Kararay Array	18.93 322	Pmax	Pmax	15 43 26.3	-1.7
KKAR	Kararay Array	18.93 322	P	P	15 43 26.3	-1.7
ENH	Enshi	20.17 81	IAMB	IAMB	15 43 41.3	-0.5
ENH	Enshi		IAMB	IAMB	15 43 46.4	
DGZ	Jazzartor, Alta	20.65 211	iP	P	15 43 47.3	+0.4
DGZ	Jazzartor, Alta		Pmax	Pmax		
OTUK	Ortayu	22.00 334	P	P	15 44 01.6	+0.3
PALK	Pallekele	22.29 195	LR	LR	15 42 57.7	
PALK	Pallekele	comp=Z, 20nm, 20.8s, baz=111, slow=37			15 44 08.0	+3.3
PALK	Pallekele	22.29 195	eP	Pmax		
PALK	Pallekele	comp=Z, 11nm, 1.1s			15 44 05.0	+0.1
KURBB	Kurchatov Arr	22.34 347	P	P	15 44 05.9	+1.0
KURBB	Kurchatov Arr	comp=Z, 6.0nm, 0.9s, baz=163, slow=10, SNR=23			15 44 05.0	-0.7
KURK	Kurchatov	22.41 347	P	P	15 44 05.0	-0.7
KURK	Kurchatov	22.41 347	P	P	15 44 05.0	-0.7
SOMN	Songino Array	24.36 34	P	P	15 44 26.4	+1.1
SOMN	Songino Array	comp=Z, 3.6nm, 0.6s, baz=219, slow=12, SNR=14			15 54 59.3	
SOMN	Songino Array	24.36 34	IAMB	IAMB	15 44 29.3	
ULN	Ulanbatar	24.70 351	eP	Pmax	15 44 30.7	+2.3
ULN	Ulanbatar	comp=Z, 8.0nm, 1.0s			15 44 30.7	+2.3
ULN	Ulanbatar	24.70 35	P	P	15 44 30.1	+1.7
ULN	Ulanbatar		IAMB	IAMB	15 44 35.0	
ZAK	Zakamensk	24.88 26	eP	Pmax	15 44 29.6	-0.3
ZAK	Zakamensk		Pmax	Pmax		
ZAAO	Zalesovo Array	24.91 358	P	P	15 44 29.7	-0.3
ZALV	Zalesovo Beam	24.91 358	LR	LR	15 55 48.5	
ZALV	Zalesovo Beam	comp=Z, 1.0nm, 18.8s, baz=212, slow=40			15 44 29.5	-0.5
ZALV	Zalesovo Beam	24.91 358	P	P	15 44 29.5	-0.5
ZALV	Zalesovo Beam	24.91 358	P	P	15 44 29.5	-0.5
GEYT	Alibek	25.06 298	LR	LR	15 55 59.2	
MOY	Moyunok	comp=Z, 83nm, 19.3s, baz=305, slow=40			15 44 34.8	+2.7
BVAR	Borovoye Array	26.68 338	eP	P	15 44 48.2	+2.1
BVAR	Borovoye Array	comp=Z, 2.3nm, 0.7s, baz=165, slow=12, SNR=12			15 44 50.8	+2.1
BRVK	Borovoye	26.74 338	eP	Pmax	15 44 46.2	-0.4
BRVK	Borovoye		Pmax	Pmax		
BRVK	Borovoye	26.74 338	IAMB	IAMB	15 44 53.3	
BRVK	Borovoye	comp=Z, 6.9nm, 1.3s			15 45 03.5	+1.2
AB31	Akbulak array	28.49 322	P	P	15 45 02.9	+0.6
AB31	Akbulak array	28.49 322	P	P	15 45 03.1	+0.8
AB31	Akbulak array	28.49 322	P	P	15 45 14.5	+2.0
AB31	Akbulak array	28.49 322	P	P	15 45 49.3	+1.3
AB31	Akbulak array	28.49 322	P	P	15 46 59.7	
AB31	Akbulak array	28.49 322	P	P	15 51 13.1	+0.6
AB31	Akbulak array	28.49 322	P	P	15 53 15.1	+0.6
ARU	Arti	33.69 332	P	P	15 45 47.7	-0.3
ARU	Arti	comp=Z, 7.0nm, 1.8s			15 46 06.9	
ARU	Arti	33.69 332	IAMB	IAMB	15 45 54.0	-1.1
ARU	Arti	33.69 332	P	P	15 45 54.0	-1.1
ARU	Arti	33.69 332	P	P	15 46 26.9	
SOCS	Socotra	34.44 248	P	P	15 46 45.2	+0.9
SOCS	Socotra	34.44 248	LR	LR	15 46 45.6	+1.2
SOCS	Socotra	34.44 248	LR	LR	15 46 45.6	+1.2
SOCS	Socotra	34.44 248	LR	LR	15 46 45.6	+1.2
SOCS	Socotra	34.44 248	LR			

URZ 0.4nm,0.3s,baz=107,slow=17,SNR=1.5 Sn Sn 15 56 18.9 -0.7
ASAR Alice Springs 42.48 270 P P 16 01 23.6 +0.6
WRA Warramunga Arr 43.67 275 P P 16 01 32.1 -0.5
FINES FINES Array B 147.03 338 PKPbc PKPbc 16 13 08.9 -0.8

DJA 12 15:54:44.2,0.6,8'S;2x10^7E;h11km,5km,M3.9/13,mb4.4/6,MLV3.7/13
ISC 12 15:54:44.2,0.6,8'S;20S:0.07x107^23E:0.06,h15km,1.7km,n17,of586/22,Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CISI Cisomet, Garu, CNJI Cibonong, CMJ Cimerak, LEM Lembang, DBJI Dramaga, KPI Karang Pucung, XMI Christmas Isla, XMS Christmas Isla, UGM Wanagama, KASI Kota Agung, PCJI Pacitan, GMJI Gumukmas, JAGI Jajag, Banyuwa, SRBI Singaraja, PPSI Pulau Pagai, TWSI Taliwang, Sumb, PLAI Plampang.

IDC 12 15:57:39.2,1.0,18.74N;121.24E,h0km,mb3/5,mb1 3.7/7,mb1mx3/5,mbtmp3.5/7,ML3.4/1,MS3.2/4,MS1 3.2/4,ms1mx2,8/27,Error ellipse:s-maj=34.9km s-min=20.3km az=72.0

MAN 12 15:57:41.9,0.9,18.74N;121.06E,h2km,mb4.7,ML3.6,MS3.5
ISC 12 15:57:40.4,0.9,18.72N;0.08,121.4E:0.1,h10km,n12,az=10/10,mb3.4/6,MS3.3/4,1C-1D,Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include SIPP Brgy, Tapao, LOP Lukban, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Lembang, WRA Warramunga Arr, MKAR Makanchi Array, ASAR Alice Springs, NRK Noril'sk, KBZ Khazab, ILAR Eielson Array, ARCRES ARCESS Array B.

GUC 12 16:01:02.9,0.7,30.76S;71.37W,h54km,3km,ML4.5
NEIC 12 16:01:02.7,2.1,30.78S;0.03:71.51W:0.06,h36km,6km,mb4.6/21,Error ellipse:s-maj=7.0km s-min=4.7km az=89.0

IDC 12 16:01:02.3,4.4,30.76S;71.31W,h39km,36km,mb3.9/8,mb1 4.1/2,mb1mx4,0/22,mbtmp4.1/12,ML3.9/4,MS3.5/5,MS1 3.5/5,ms1mx3,2/18,Error ellipse:s-maj=26.6km s-min=21.7km az=71.0

ISC 12 16:01:02.4,0.7,30.75S;0.04:71.40W:0.04,h42km,6km,n108,of1927/103,mb4.7/17,MS3.6/3,1C-2D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CO06 Fray Jorge, CO06 Fray Jorge, CO03 El Pedregal, CO03 El Pedregal, CO03 El Pedregal, GO04 Tololo Observa, GO04 Tololo Observa, GO04 Tololo Observa, CO05 La Serena, CO05 La Serena, VA06 Catapilco, LCO Las Campanas, VA03 San Esteban, ROCH El Roble, VA01 Torpederas, ZON Zonds, MT02 Curacav, AC04 Llanos de Chal, MT05 Renca, VA05 Santo Domingo, MT09 Talagante, MT01 Popeta, LMEL Las Melosas, GO03 Copiap, BO01 Tunca, BO02 Sierra Bellavi.

Table with columns: BUO2 Sierra Bellavi, GO05 Huala, AC02 Antarcungua, ML02 Panimavita, PB14 IPOC Station P, H03N1 Juan Fernandez, VA04 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03S3 Juan Fernandez, H03S1 Juan Fernandez, H03S2 Juan Fernandez, PB10 IPOC Station P, PB15 IPOC Station P, LC01 Cuncu, IT08 San Pedro de A, LVC Limon Verde, LVC Limon Verde, PB07 IPOC Station P, TRQA Torquinst, PSCG Pisagua, CPUP Villa Florida, CPUP CPUP, CPUP CPUP, LPAZ La Paz, LPAZ La Paz, PLTB Pedras Altas, SIV San Ignacio, BDFB Brasilia, BDFB Brasilia, RUSC La Rusia, CRPR Cabo Rojo, VNA3 Neumayer Olymp, VNA1 Neumayer-Stat, SNA4 Sanae, QSPA South Pole Qui, TXAR Lajitas Arr, TXAR Lajitas Arr, VVDA Vanda, VVDA Vanda, U49A Red Boiling Sp, WWT Waverly, WWT Nancy, W39A Magazine, R40A Maddies Statio, O49A Covington, LIC Lantco, TIC Toumudi, KIC Kusan Boka, DBIC Dimboko, DBIC Dimboko, J56A Mawson, MAW Mawson, MAW Mawson, ECSD EROS Data Cent, BOSA Boshof, PDAR Pinedale Array, NVAR Mina Array Bea, WROD Torodi Arr, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array.

CNRM 12 16:20:09.3,35.39N;4.95W,h80km,ml2.3
MDD 12 16:20:10.6,0.7,35.60N;4.77W,h67km,7km,mb3.4/25,Error ellipse:s-maj=6.3km s-min=3.7km az=14.0,PRXIMO
IGIL 12 16:20:11.2,35.65N;4.77W,h33km,ML2.4
INMG 12 16:20:11.1,1.8,35.68N;4.79W,h75km,6km,ML2.3,Error ellipse:s-maj=5.4km s-min=3.9km az=178.0
SFS 12 16:20:11.0,35.65N;4.77W,ML3.4,ALBORAN W.
ISC 12 16:20:08.6,1.2,35.58N;0.03:4.82W:0.02,h79km,7km,n99,of185/170,1C-3D,Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include SMIR Smir Dam, CEU Ceuta, CEU Ceuta, ECEU Ceuta, PVLZ Pezen de, PVLZ Pezen de, PVLZ Pezen de.

Table with columns: PVLZ Chiefchaouen, PALE Palemias, EMJ Mijas, EMJF Jimena Fronter, EMAL Malaga-Limoner, EMAL Malaga-Limoner, EALB Alboran, GOG Mont Gurugu, ESPR Espera, ELGU Los Guajares, EGOR Sierra Gorda, EGOR Sierra Gorda, LCRM LCRM, EQUQ Quentar, EBER Berja, EBER Berja, IFR Ifrane, IFR Ifrane, JBK JBK, ENJ Nijar, ENJ Nijar, ECAB El Cabril, ECAB El Cabril, CZD Col de Zad, CZD Adamuz, EADA Adamuz, ZHG ZHG, ZHG ZHG, EQES Ouesada, EQES Ouesada, EMIN Mina Concepcio, EMIN Mina Concepcio, MD31 MD31, MD31 Midelt, MD31 Midelt, EGRO El Granado, EGRO El Granado, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Barranco-do-Ve, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, SESP Santiago Espad, SESP Santiago Espad, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, PCVE Castro Verde, PCVE Castro Verde, PBEJ Beja, PBEJ Beja, MORF Marleiete, MORF Marleiete, MORF Marleiete, MORF Marleiete, MESJ Messejana, MESJ Messejana, MESJ Messejana, PVFI Vila Bisbo, PVFI Vila Bisbo, PVFI Vila Bisbo, PVFI Vila Bisbo, PVFI Vila Bisbo, EBAD Sao Teotonio, PTEO Sao Teotonio, PTEO Sao Teotonio, PTEO Sao Teotonio, EVO Evora, EVO Evora, EVO Evora.

12d 17h

ISC 12 16:46:50.3,0.8,1.81N,0.005,125.78E,0.06,h35km,n27, c130/25,mb4.0/7, Northern Molucca Sea

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

MAN 12 17:06:10.5,12.60N:123.60E,h1km,mb4.6,ML3.5,MS3.4, 4C-3D,Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Luzon event.

IDC 12 17:07:18.8,0.8,3.325Sx72.20W,h0km,mb4.2/7, mb1.4,3/1,mb1mx4.1/25,mbtmp4.1/11,ML4.1/4,MS3.5/4, Ms1.3/4,ms1mx2.8/32,Error ellipse: s-maj=3.3,6km

NEIC 12 17:07:20.5,33.29S:72.43W,h15km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.75; Mw=0.34; Mo=2.42; Mv=0.21; Mh=0.98; Mr=0.93; Fault plane solution: P2.94000x10^15 NP1.9198.63000. 354.40000. 186.48000. NP2.9424.66000. 835.75000. 194.90000. Principal axes: T 2.9137, Plg0.0000. Azm94.0000; N 0.0442, Plg3.0000; Azm201.0000; P -2.9579, Plg9.0000; Azm291.0000;

VAO 12 17:07:20.4,0.5,33.27Sx72.33W,h16km,mb4.5

NEIC 12 17:07:21.2,1.3331S:0.047239W,0.05,h17km,4km, Error ellipse: s-maj=6.4km s-min=5.7km az=133.0

GUC 12 17:07:22.7,0.8,33.39S:72.37W,h20km,ML3.0

ISC 12 17:07:19.6,2.9,33.29S:0.047239W,0.05,h10km,18km, n131,c086/127,mb4.2/8,3C,Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile event.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 2015 OCT period.

KMA 12 17:11:54.5,0.1,35.53N:124.65E,h6km,1km,Error ellipse: s-maj=6.3km s-min=1.0km az=232.0, Yellow Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Yellow Sea event.

486

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 486 event.

IDC 12 17:14:51.0,0.8,10.185S:121.66E,h0km,mb4.0/7, mb1.4,0/9,mb1mx3.8/30,mbtmp4.0/9,ML3.8/2,MS3.1/5, Ms1.3/1.5,ms1mx2.8/37,Error ellipse: s-maj=24.7km s-min=16.7km az=64.0

DJA 12 17:14:58.1,0.8,10.52S:121.22E,h32km,9km,ML2/17, mb4.8/3,mb4.4/17,ML4.2/11,Mw(MB)4.1/3

ISC 12 17:14:57.5,1.0,10.44S:0.06,121.36E,0.05,h53km,12km, n28,c290/33,mb4.0/7,Savu Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Savu Sea event.

IDC 12 17:37:18.4,1.0,34.33N:98.43E,h0km,mb3.8/7, mb1.3/8.10,mb1mx3.6/57,mbtmp3.7/10,ML3.1/3,MS2.8/4, Ms1.2/9.4,ms1mx2.7/40,Error ellipse: s-maj=35.5km s-min=18.1km az=60.0

NEIC 12 17:37:19.6,2.6,34.33N:0.06,98.2E,0.1,h10km,2km, mb4.2/8,Error ellipse: s-maj=17.5km s-min=7.6km

ISC 12 17:17:19.7,0.7,34.41N:0.08,98.16E,0.08,h10km,n29, c1889/29,mb4.0/10,Qinghai

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Qinghai event.

U15A	North Rim	36.99	100	P	P	19 37 42.5 +1.5
IRM	Iron Mountain	37.03	105	P	P	19 37 41.8 +0.7
BC3	Big Chuckawall	37.23	106	P	P	19 37 43.3 +0.4
MONP2	Monument Peak	37.26	108	P	P	19 37 44.0 +0.7
BAR	Barrett	37.29	109	P	P	19 37 45.0 +1.7
PV21	Cone Mtn., Par	37.42	94	P	P	19 37 45.8 +1.2
PV23	Carpenter Ridge	37.47	95	P	P	19 37 45.7 +0.6
PDMCI	Parker Dam,Lak	37.48	104	P	P	19 37 44.8 -0.1
PV10	Paradox Valley	37.51	95	P	P	19 37 46.0 +0.6
PV10	Paradox Valley	37.51	95	P	I Amb	19 37 58.0
PV14	Comp-Z,25nm,1.1s	37.52	95	P	P	19 37 45.3 -0.2
PV22	Lion Creek, Pa	37.55	94	P	P	19 37 46.2 +0.5
SWSC	Blue Mesa, Par	37.57	107	P	P	19 37 46.4 +0.8
PV22	Sam W. Stewart	37.57	107	P	P	19 37 46.2 +0.5
PV22	baz=319	37.57	109	P	P	19 37 47.6 +1.8
PV04	Cerro Bola	37.58	95	P	P	19 37 46.3 +0.5
PV04	Paradox Valley	37.58	95	I Amb	I Amb	19 37 52.8
PV20	comp-Z,32nm,1.5s	37.58	95	P	P	19 37 46.2 +0.3
PV20	West Nyswonger	37.58	95	P	I Amb	19 37 59.0
PV19	comp-Z,17nm,1.1s	37.59	95	P	P	19 37 46.7 +0.7
PV19	Morning Glory	37.59	95	P	P	19 37 47.8 +1.6
IKP	In-Ko-Pah, Jac	37.62	108	P	P	19 37 46.8 +0.5
PV17	East Wray Mesa	37.62	95	P	P	19 37 46.8 +0.5
PV17	Paradox Valley	37.62	95	I Amb	I Amb	19 38 00.5
PV16	comp-Z,14nm,1.0s	37.62	95	P	P	19 37 46.5 +0.1
PV16	Nyswonger Mesa	37.62	95	P	I Amb	19 37 59.4
N23A	comp-Z,39nm,1.5s	37.63	89	P	P	19 37 46.8 +0.4
N23A	Red Feather La	37.63	89	P	P	19 37 46.8 +0.4
PV11	David Mesa, Pa	37.66	95	P	P	19 37 47.0 +0.4
PV11	David Mesa, Pa	37.66	95	P	I Amb	19 38 01.5
PV18	comp-Z,15nm,0.9s	37.67	95	P	P	19 37 47.4 +0.7
PV18	Skein Mesa, Pa	37.67	95	P	I Amb	19 37 57.0
PV05	comp-Z,15nm,1.0s	37.68	95	P	P	19 37 47.4 +0.6
PV05	Paradox Valley	37.68	95	P	I Amb	19 37 56.9
PV12	comp-Z,24nm,1.2s	37.69	95	P	P	19 37 47.4 +0.5
PV12	Saucer Basin,	37.69	95	P	I Amb	19 38 05.7
PV07	Paradox Valley	37.69	94	P	P	19 37 47.2 +0.3
PV07	Paradox Valley	37.69	94	P	I Amb	19 37 58.9
GRNR	comp-Z,15nm,1.0s	37.70	291	iP	P	19 37 46.6 0.0
GRNR	Gornyy	37.70	291	iP	P	19 37 46.6 0.0
GRNR	comp-Z,20nm,0.9s				pmx	pmx
GRNR	comp-E,410nm,15.0s				MLR	MLR
GRNR	comp-N,450nm,14.0s				MLR	MLR
GRNR	comp-Z,450nm,13.0s				MLR	MLR
PV03	Paradox Valley	37.70	95	P	P	19 37 47.4 +0.4
PV03	Paradox Valley	37.70	95	P	I Amb	19 38 07.3
PV13	comp-Z,12nm,0.8s	37.78	95	P	P	19 37 46.7 -1.0
PV13	Radium Mtn., P	37.78	95	P	I Amb	19 37 50.4
PV02	comp-Z,26nm,0.9s	37.80	95	P	P	19 37 47.3 -0.6
PV02	Paradox Valley	37.80	95	P	I Amb	19 37 54.5
ULM	comp-Z,15nm,0.9s	37.82	70	P	P	19 37 48.0 +0.5
ULM	Lac du Bonnet	37.82	70	P	P	19 37 48.0 +0.5
ULM	comp-Z,7.2nm,0.8s, baz=293,slow=9.4,SNR=3.2				LR	LR
ULM	comp-Z,7.18nm,18.1s, baz=280,slow=37				LR	LR
ULM	Lac du Bonnet	37.82	70	iP	P	19 37 48.6 +1.1
ULM	Lac du Bonnet	37.82	70	I Amb	I Amb	19 38 15.4
ULM	comp-Z,17nm,1.1s	37.82	70	I Amb	I Amb	19 38 15.4
PV15	Paradox Valley	37.85	94	P	P	19 37 48.7 +0.4
PV15	Paradox Valley	37.85	94	P	I Amb	19 37 53.0
PV01	comp-Z,24nm,1.0s	37.95	95	P	P	19 37 49.2 +0.1
PV01	Paradox Valley	37.95	95	P	I Amb	19 37 53.9
JKA	comp-Z,27nm,1.1s	38.02	278	P	P	19 37 49.6 +0.3
ASAJ	Kamikawa-asahi	38.02	278	P	P	19 37 50.1 +0.8
ASAJ	Asahikawa	38.02	278	P	P	19 37 50.1 +0.8
ASAJ	comp-Z,54nm,0.9s, baz=40,slow=5.5,SNR=6.0				pmx	pmx
ASAJ	Asahikawa	38.02	278	P	pmx	19 37 49.6 +0.2
GLA	comp-Z,68nm,1.0s	38.02	106	P	P	19 37 50.0 +0.5
GLA	Glamis	38.02	106	P	P	19 37 50.0 +0.5
SMCO	baz=319	38.16	92	P	P	19 37 51.4 +0.3
WUAZ	Snowmass	38.16	100	P	P	19 37 52.0 +1.2
WUAZ	Wupatki	38.16	100	P	P	19 37 52.4 +1.5
Y14A	comp-Z,316,SNR=5.2	38.39	103	P	P	19 37 52.8 +0.2
WICKENBURG	Wickenburg	38.54	90	P	P	19 37 56.5 +2.4
ISCO	Idaho Springs	38.54	90	P	pmx	19 37 56.5 +2.4
MVCO	comp-Z,7.0nm,2.5s	38.62	96	P	P	19 37 55.3 +0.5
MVCO	Mesa Verde	38.62	96	P	I Amb	19 38 06.5
MVCO	comp-Z,26nm,1.3s	38.62	96	P	P	19 37 55.6 +0.8
MVCO	Mesa Verde	38.62	96	P	P	19 37 55.6 +0.8
113A	comp-Z,280,SNR=3.1	38.83	106	P	P	19 37 55.9 -0.4
AGMN	Mohawk Valley,	38.83	106	P	P	19 37 56.3 -0.3
AGMN	Agassiz Nation	38.83	106	P	I Amb	19 38 06.1
AGMN	comp-Z,19nm,1.0s	38.90	72	P	P	19 37 56.7 0.0
AGMN	Agassiz Nation	38.90	72	P	P	19 37 56.7 0.0
X16A	comp-Z,304	38.92	101	P	P	19 37 59.2 +2.0
ERM	Lo Mia Camp, P	39.01	275	iP	P	19 37 59.0 +1.4
ERM	Ermo	39.01	275	iP	pmx	19 37 59.0 +1.4
ERM	comp-Z,66nm,1.1s	39.01	275	P	P	19 37 58.8 +1.2
ERM	Ermo	39.01	275	P	I Amb	19 37 59.1
S22A	comp-Z,50nm,1.1s	39.21	94	P	P	19 38 00.0 +0.2
S22A	4UR Ranch, Cre	39.21	94	P	P	19 38 00.0 +0.2
Q24A	Divide	39.36	91	P	P	19 38 01.6 +0.5
W18A	baz=312	39.38	99	P	P	19 38 01.6 +0.4
W18A	Petrified Fore	39.38	99	P	P	19 38 01.7 +0.6
SUSD	Miller	39.42	79	P	P	19 38 01.0 -0.2
X18A	baz=307	39.42	79	P	P	19 38 01.0 -0.2
X18A	Snowflake	39.42	79	P	P	19 38 03.3 -0.3
214A	Organ Pipe Nat	39.97	105	P	P	19 38 07.2 +1.4
214A	Organ Pipe Nat	39.97	105	P	P	19 38 07.3 +1.4
SDCO	baz=319,SNR=3.3	39.98	92	P	P	19 38 07.0 +0.9
SDCO	Great Sand Dun	39.98	92	P	P	19 38 07.0 +0.9
SDCO	Great Sand Dun	39.98	92	P	P	19 38 07.1 +0.9
B35A	comp-Z,313,SNR=10	40.03	71	P	P	19 38 05.8 -0.3
B35A	Bob, Littlefor	40.03	71	P	I Amb	19 38 25.0
F33A	comp-Z,28nm,1.4s	40.09	76	P	P	19 38 05.2 -1.4
F33A	5 Mile Ranch,	40.09	76	P	I Amb	19 38 06.3
KSCO	comp-Z,20nm,1.1s	40.79	89	P	P	19 38 12.7 +0.1
KSCO	Kaye Shedlock	40.79	89	P	I Amb	19 38 30.7
TUC	comp-Z,19nm,0.7s	40.84	103	P	P	19 38 14.4 +1.3
TUC	Tucson	40.84	103	P	pmx	19 38 14.4 +1.3
TUC	comp-Z,11nm,1.3s	40.84	103	P	P	19 38 14.3 +1.3
TUC	Tucson	40.84	103	P	P	19 38 13.9 +0.8
NEEM	North Greenlan	40.89	18	iP	P	19 38 12.9 -0.3
NEEM	North Greenlan	40.89	18	iP	I Amb	19 38 14.8
ZEZ	comp-Z,42nm,1.0s	40.91	300	eP	P	19 38 12.7 -0.6
ZEZ	Zeya	40.91	300	eP	pmx	19 38 12.7 -0.6
ZEZ	comp-Z,20nm,0.6s				MLR	MLR
T25A	comp-Z,300nm,16.0s	41.03	92	P	P	19 38 15.1 +0.4
T25A	Trinidad	41.03	92	P	P	19 38 15.8 +1.1
KLRA	comp-Z,14,SNR=7.0	41.03	92	P	P	19 38 14.7 0.0
KLRA	Kul'dur	41.03	92	P	P	19 38 14.7 0.0
KLR	comp-Z,13nm,0.9s, baz=61,slow=8.9,SNR=27				LR	LR
KLR	Kul'dur	41.06	292	eP	P	19 38 13.7 -0.9
KLR	comp-Z,25nm,1.0s				pmx	pmx

ECSD	EROS Data Cent	41.19	79	P	P	19 38 15.4 -0.4
ECSD	EROS Data Cent	41.19	79	P	P	19 38 15.3 -0.5
ANMO	Albuquerque	41.38	96	P	P	19 38 18.1 +0.4
ANMO	Albuquerque	41.38	96	P	P	19 38 18.1 +0.4
ANMO	Albuquerque	41.38	96	P	P	19 38 17.8 +0.1
EYMN	Ely	41.49	70	P	P	19 38 18.0 -0.2
EYMN	Ely	41.49	70	P	I Amb	19 38 19.9
EYMN	comp-Z,25nm,1.1s	41.49	70	P	P	19 38 18.3 +0.1
LENN	Lemitar	41.65	98	P	P	19 38 21.2 +1.4
BNM	Barren Site	41.86	97	P	P	19 38 21.9 +0.3
NOR	Nord	42.34	8	iP	pmx	19 38 25.0 +0.3
NOR	Nord	42.34	8	iP	pmx	19 38 25.0 +0.3
NOR	comp-Z,29nm,1.1s	42.34	8	iP	P	19 38 25.0 +0.3
NOR	Nord	42.34	8	iP	I Amb	19 38 26.6
UPNV	Upervnik	42.37	25	iP	P	19 38 25.1 +0.1
UPNV	Upervnik	42.37	25	iP	I Amb	19 38 27.0
121A	Cookes Peak, D	42.38	100	P	P	19 38 27.3 +1.6
121A	Cookes Peak, D	42.38	100	P	I Amb	19 38 38.7
121A	comp-Z,24nm,1.2s	42.38	100	P	P	19 38 27.5 +1.7
121A	Cookes Peak, D	42.38	100	P	P	19 38 27.5 +1.7
319A	comp-Z,318,SNR=10.0	42.39	103	P	P	19 38 26.4 +0.7
319A	Douglas	42.39	103	P	P	19 38 27.2 -0.1
CBKS	Cedar Bluff	42.59	87	pmx	pmx	19 38 27.2 -0.1
CBKS	Cedar Bluff	42.59	87	P	P	19 38 27.2 -0.1
CBKS	Cedar Bluff	42.59	87	P	I Amb	19 38 37.9
CBKS	comp-Z,28nm,1.1s	42.59	87	P	I Amb	19 38 37.9
I37A	Lemond, Waseca	42.83	76	P	P	19 38 29.3 +0.2
I37A	Lemond, Waseca	42.83	76	P	I Amb	19 38 30.9
JMM	comp-Z,38nm,1.1s	43.11	272	P	P	19 38 31.4 0.0
JMM	Marumori	43.11	272	P	I Amb	19 38 32.5
HSIG	comp-Z,23nm,1.2s	43.24	106	P	P	19 38 32.9 +0.3
H11N2	WAKE ISLAND Hy	43.29	229	T	T	20 24 45.4
H11N2	WAKE ISLAND Hy	43.29	229	T	T	20 24 45.4
H11N3	WAKE ISLAND Hy	43.29	229	T	T	20 24 45.3
H11N3	WAKE ISLAND Hy	43.29	229	T	T	20 24 45.3
H11N1	WAKE ISLAND Hy	43.31	229	T	T	20 24 46.6
H11N1	WAKE ISLAND Hy	43.31	229	T	T	20 24 46.6
R32A	Long Quarter,	43.45	86	P	P	19 38 34.5 +0.3
R32A	Long Quarter,	43.45	86	P	I Amb	19 38 43.8
G40A	Rib Lake	43.82	73	P	P	19 38 37.2 +0.1
G40A	Rib Lake	43.82	73	P	I Amb	19 38 46.6
USA0B	Ussuriysk Arra	43.97	286	iP	P	19 38 36.7 -1.6
USA0B	Ussuriysk Arra	43.97	286	iP	P	19 38 37.8 -0.5
USRK	comp-Z,6.1nm,1.0s, baz=76,slow=8.0,SNR=6.9				PcP	PcP
USRK	comp-Z,5.6nm,1.0s, baz=74,slow=5.1,SNR=4.6				LR	LR
USRK	comp-Z,229nm,18.1s, baz=39,slow=40				P	P
USRK	Ussuriysk Ar.	43.97	286	P	P	19 38 37.3 -1.0
USRK	Ussuriysk Ar.	43.97	286	P	P	19 38 37.2 -1.0
MSTX	Muleshoe	44.21	94	P	P	19 38 38.7 -1.8
MSTX	Muleshoe	44.21	94	P	I Amb	19 38 53.0
MNTX	comp-Z,24nm,1.4s	44.36	99	P	P	19 38 43.0 +1.5
MNTX	Cornudas Mount	44.36	99	P	I Amb	19 38 52.7
MNTX	comp-Z,18nm,1.1s	44.45	274	P	P	19 38 42.8 +1.2
MNTX	Cornudas Mount	44.45	274	P	P	19 38 42.8 +1.2
JSD	Sado	44.45	274	T	T	20 26 10.2
H11S1	WAKE ISLAND Hy	44.45	229	T	T	20 26 12.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like KONO, Uppsala, Makanchi Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, KLNLR, AB31, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AHRW, BMRD, BMDR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like NCUH Zhongli, TWY Chenlihua, LIOB Emei, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like LONT Longtian, TWK Hsiungta, CHN1 Nanshi, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like VCNR Virginia City, PNTR Pine Nut, YERR Yerington, etc.

AKTO	comp=Z,215nm,0.9s	↑Sn	Sn	21 42 36.9	-1.6	OTUK		S	Sn	21 43 35.4	-1.1	SVE	comp=Z,170nm,1.8s		pmax	pmax								
KVAR	comp=Z,225nm,0.9s		Sn	21 45 29.9	-1.0	OTUK	Ortayu	14.88	43	↓P	Pn	21 40 58.3	-3.3	SVE	comp=Z,3um,11.0s		MLR	MLR						
KVAR	Kislovodsk Arr	12.15 302	Sn	21 42 23.8		ARQ	Araqi	14.98	182	P	Sn	21 41 02.7	-0.2	ANTO	Antara	18.84	282	P	P	21 41 51.4	+0.2			
KIV	comp=Z,2um,18.1s,baz=148,slow=39		Sn	21 40 20.3	-4.1	ARQ					P	Pn	21 41 02.7	-0.2	ANTO	Antara	18.84	282	P	P	21 41 51.4	+0.2		
KIV	Kislovodsk	12.15 302	eP	21 42 35.7	-4.2	ARQ					P	Pn	21 43 53.3	-4.4	BR231	BR231	18.86	282	IAMB	IAMB	21 41 51.7	+0.3		
KIV	comp=Z,45nm,1.1s		pmax			ARQ					P	Pn	21 43 53.3	-4.4	BR231	BR231	18.86	282	IAMB	IAMB	21 41 51.4			
KIV	comp=Z,1um,11.0s		MLR			ARQ					P	Pn	21 43 53.3	-4.4	BR231	BR231	18.86	282	IAMB	IAMB	21 41 51.4			
KIV	Kislovodsk	12.15 302	Pn	21 40 21.1	-3.3	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
KIV	Kislovodsk	12.15 302	P	21 40 20.3	-4.1	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
KIV	Kislovodsk	12.15 302	P	21 42 31.7	-8.3	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
SHME	Shamm	12.29 184	P	21 40 25.4	-0.9	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
SHME	Shamm	12.29 184	P	21 40 25.3	-0.9	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
SHME	Shamm	12.29 184	P	21 40 25.3	-0.9	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
SHME	Shamm	12.29 184	P	21 42 44.7	+1.4	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
GOF	Gofitskoye	12.39 307	eP	21 40 23.8	-3.7	ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
GOF						ARQ					P	Pn	21 41 09.2	-1.2	GHJAJ	Ghor Haditha	18.93	255	P	P	21 41 52.7	+0.5		
BANOM	comp=Z,83nm,0.7s		iP	21 40 26.9	-1.0	BELG					P	Pn	21 43 51.6	-9.4	LPSR									
BANOM	Banah	12.41 183	iP	21 40 26.1	-1.8	BELG	Belogomye	15.49	338	eP	Pn	21 41 05.8	-3.7	LPSR										
BANOM	Banah	12.41 183	P	21 42 51.7	+5.4	BSY	Bisyra	15.56	179	P	P	21 41 13.0	-2.0	LPSR										
UMJO	Umm Al-Quwin	12.84 185	P	21 40 34.3	+0.5	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
UMJO	Umm Al-Quwin	12.84 185	P	21 40 31.9	-1.9	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
UMJO	Umm Al-Quwin	12.84 185	P	21 43 01.5	+4.8	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
CEP	Cherat	12.87 106	P	21 40 33.2	-1.1	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
CEP				21 42 55.0	-2.7	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MARD	Mardin	12.87 270	Pn	21 40 33.4	-0.8	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
KOPT	Kop Dagli	12.92 283	Pn	21 40 36.1	+1.1	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MASF	Hatta	12.96 183	P	21 40 35.7	+0.2	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MASF	Esma-Masafi	12.98 183	iP	21 43 01.6	+1.8	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MSFE	Madha	13.03 183	iP	21 40 35.3	-0.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MDH	Madha	13.03 183	iP	21 40 35.8	-0.6	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MDH	Madha	13.03 183	P	21 40 35.4	-0.9	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MDH	Madha	13.03 183	P	21 40 35.4	-0.9	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
MDH	Madha	13.03 183	P	21 43 02.0	+0.6	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
THW	Thamme Wali	13.21 110	P	21 40 37.3	-1.5	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
AML	Almayashu	13.29 68	P	21 40 38.5	-1.8	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
NAZ	Nazwa, Dubai	13.37 185	iP	21 40 39.7	-1.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
NAZ	Nazwa, Dubai	13.37 185	P	21 40 41.7	+0.6	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
NAZ	Nazwa, Dubai	13.37 185	P	21 43 16.5	+6.7	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
UOSS	Minazif	13.39 183	iP	21 40 41.9	-0.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
UOSS	Minazif	13.39 183	Pn	21 40 40.9	-0.3	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
EKS2	Erkin-Say	13.46 66	P	21 40 41.9	-0.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
HATD	Hatta, Dubai	13.51 183	iP	21 40 40.6	-2.3	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
HATD	Hatta, Dubai	13.51 183	P	21 40 41.5	-1.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
HATD	Hatta, Dubai	13.51 183	P	21 40 41.5	-1.4	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
FAQ	Al Faqa, Dubai	13.62 185	iP	21 40 44.3	-0.1	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
FAQ	Al Faqa, Dubai	13.62 185	P	21 40 43.3	-1.1	BSY					P	Pn	21 41 13.0	-2.0	LPSR									
FAQ	Al Faqa, Dubai	13.62 185	P	21 40 43.3	-1.1	BSY					P	Pn	21 40 43.3	-1.1	LPSR									
FAQ	Al Faqa, Dubai	13.62 185	P	21 40 43.3	-1.1	BSY					P	Pn	21 40 43.3	-1.1	LPSR									
ASHO	Ashiyah	13.65 184	iP	21 40 42.9	-2.0	BSY					P	Pn	21 40 42.9	-2.0	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 43.5	-1.4	BSY					P	Pn	21 40 43.5	-1.4	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 43.5	-1.4	BSY					P	Pn	21 40 43.5	-1.4	LPSR									
ASHO	Ashiyah	13.65 184	P	21 43 22.6	+5.9	BSY					P	Pn	21 43 22.6	+5.9	LPSR									
ASHO	Ashiyah	13.65 184	P	21 43 22.6	+5.9	BSY					P	Pn	21 43 22.6	+5.9	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 46.3	-0.4	BSY					P	Pn	21 40 46.3	-0.4	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 46.3	-0.4	BSY					P	Pn	21 40 46.3	-0.4	LPSR									
ASHO	Ashiyah	13.65 184	P	21 43 24.3	+5.0	BSY					P	Pn	21 43 24.3	+5.0	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 47.7	+1.1	BSY					P	Pn	21 40 47.7	+1.1	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 47.7	+1.1	BSY					P	Pn	21 40 47.7	+1.1	LPSR									
ASHO	Ashiyah	13.65 184	P	21 43 25.4	+3.8	BSY					P	Pn	21 43 25.4	+3.8	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 49.3	+1.0	BSY					P	Pn	21 40 49.3	+1.0	LPSR									
ASHO	Ashiyah	13.65 184	P	21 40 46.9	-1.9	BSY					P	Pn	21 40 46.9	-1.9	LPSR									
NIL	Nilore	13.96 105	P	21 40 46.9	-2.2	BSY					P	Pn	21 40 46.9	-2.2	LPSR									
NIL	Nilore	13.96 105	P	21 40 46.9	-2.2	BSY					P	Pn	21 40 46.9	-2.2	LPSR									
NIL	Nilore	13.96 105	P	21 40 47.1	-2.2	BSY	</																	

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNRf, SNRr, SNRt, SNRv, SNRw, SNRx, SNRy, SNRz, SNR0, SNR1, SNR2, SNR3, SNR4, SNR5, SNR6, SNR7, SNR8, SNR9, SNR10, SNR11, SNR12, SNR13, SNR14, SNR15, SNR16, SNR17, SNR18, SNR19, SNR20, SNR21, SNR22, SNR23, SNR24, SNR25, SNR26, SNR27, SNR28, SNR29, SNR30, SNR31, SNR32, SNR33, SNR34, SNR35, SNR36, SNR37, SNR38, SNR39, SNR40, SNR41, SNR42, SNR43, SNR44, SNR45, SNR46, SNR47, SNR48, SNR49, SNR50, SNR51, SNR52, SNR53, SNR54, SNR55, SNR56, SNR57, SNR58, SNR59, SNR60, SNR61, SNR62, SNR63, SNR64, SNR65, SNR66, SNR67, SNR68, SNR69, SNR70, SNR71, SNR72, SNR73, SNR74, SNR75, SNR76, SNR77, SNR78, SNR79, SNR80, SNR81, SNR82, SNR83, SNR84, SNR85, SNR86, SNR87, SNR88, SNR89, SNR90, SNR91, SNR92, SNR93, SNR94, SNR95, SNR96, SNR97, SNR98, SNR99, SNR100).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNRf, SNRr, SNRt, SNRv, SNRw, SNRx, SNRy, SNRz, SNR0, SNR1, SNR2, SNR3, SNR4, SNR5, SNR6, SNR7, SNR8, SNR9, SNR10, SNR11, SNR12, SNR13, SNR14, SNR15, SNR16, SNR17, SNR18, SNR19, SNR20, SNR21, SNR22, SNR23, SNR24, SNR25, SNR26, SNR27, SNR28, SNR29, SNR30, SNR31, SNR32, SNR33, SNR34, SNR35, SNR36, SNR37, SNR38, SNR39, SNR40, SNR41, SNR42, SNR43, SNR44, SNR45, SNR46, SNR47, SNR48, SNR49, SNR50, SNR51, SNR52, SNR53, SNR54, SNR55, SNR56, SNR57, SNR58, SNR59, SNR60, SNR61, SNR62, SNR63, SNR64, SNR65, SNR66, SNR67, SNR68, SNR69, SNR70, SNR71, SNR72, SNR73, SNR74, SNR75, SNR76, SNR77, SNR78, SNR79, SNR80, SNR81, SNR82, SNR83, SNR84, SNR85, SNR86, SNR87, SNR88, SNR89, SNR90, SNR91, SNR92, SNR93, SNR94, SNR95, SNR96, SNR97, SNR98, SNR99, SNR100).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNRf, SNRr, SNRt, SNRv, SNRw, SNRx, SNRy, SNRz, SNR0, SNR1, SNR2, SNR3, SNR4, SNR5, SNR6, SNR7, SNR8, SNR9, SNR10, SNR11, SNR12, SNR13, SNR14, SNR15, SNR16, SNR17, SNR18, SNR19, SNR20, SNR21, SNR22, SNR23, SNR24, SNR25, SNR26, SNR27, SNR28, SNR29, SNR30, SNR31, SNR32, SNR33, SNR34, SNR35, SNR36, SNR37, SNR38, SNR39, SNR40, SNR41, SNR42, SNR43, SNR44, SNR45, SNR46, SNR47, SNR48, SNR49, SNR50, SNR51, SNR52, SNR53, SNR54, SNR55, SNR56, SNR57, SNR58, SNR59, SNR60, SNR61, SNR62, SNR63, SNR64, SNR65, SNR66, SNR67, SNR68, SNR69, SNR70, SNR71, SNR72, SNR73, SNR74, SNR75, SNR76, SNR77, SNR78, SNR79, SNR80, SNR81, SNR82, SNR83, SNR84, SNR85, SNR86, SNR87, SNR88, SNR89, SNR90, SNR91, SNR92, SNR93, SNR94, SNR95, SNR96, SNR97, SNR98, SNR99, SNR100).

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like GUNZ, WERD, ROTZ, MURB, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BNI, BNI, BNI, BNI, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like CN2, CN2, CN2, CN2, etc.

DDA 12.21:37:36, 1,35:28N-27:61E, h10km, 2km, ML2.3
ISK 12.21:37:37, 1,35:24N-27:62E, h5km, ML2.6/9
ATH 12.21:37:40, 5,35:41N-27:65E, h16km, 3km, ML2.3/2, Error
ellipse: s-maj=4.5km s-min=1.3km az=330.0
ISC 12.21:37:39.3, 1.5, 35.31N-10.07-27.70E:0.06, h8km, 1.1km,
n22, r1912/35, Dodecanese Islands

Table with columns: ZKR, Zakros, 1.23 261, P, Pg, 21 38 03.3 +0.3, 21 38 30.8, AML, AML, 21 38 35.2, etc.

ROM 12 21:42:22.3-0.1, 43°45'30.0"003-12.772E, 0°006, h13km, ML0.9/6, 1C-1D, Error ellipse: s-maj=0.4km s-min=0.3km az=257.0, Central I=5

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

IDC 12 21:52:44.0-1.7, 38°21'N-56°71'E, h0km, mb2.7/1, mb1 3.5/2, mb1mx3.1/47, mbtmp3.2/2, ML2.9/1, Error ellipse: s-maj=14.0km s-min=12.3km az=55.0

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

Table with columns: SHRO, comp=N, 145nm, 0.4s, 2.51 197, ePn, Pn, 21 54 12.5, 21 53 29.6 +0.6, etc.

HEL 12 22:06:17.1±0.0, 67°16'N-20°64'E, h0km, ML1.6, ML1.4(U,P), Explosion, Sweden

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

IDC 12 22:09:59.8-0.5, 5:37S, 152°98'E, h0km, mb4.6/22, mb1 4.7/24, mb1mx1.6/44, mbtmp4.6/24, ML2.6/2, MS3.5/1, Ms1 3.5/1, ms1mx3.0/29, Error ellipse: s-maj=16.8km s-min=12.0km az=99.0

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

IDC 12 22:10:03.4±2.5, 5:35S, 0°07x153°03E±0.09, h18km, 3km, mb4.9/62, Error ellipse: s-maj=13.4km s-min=9.8km az=84.0

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

Table with columns: AS31, Alice Springs, 25.82 220, P, P, 22 15 33.8 +0.1, ASAR, Alice Springs, 25.83 223, P, P, 22 15 33.5 -0.3, etc.

12d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB07, PB01, PB02, G003, LPAZ.

WEL 12 22:43:38.6,41.3;S:177E;h24km,5km,M3.5/13, ML3.7/13,MLV3.5/13,Error ellipse: s-maj=0.0km s-min=0.0km az=84.6,North Island

Main station list for North Island with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANWZ, PRHZ, BFZ, etc.

INET 12 22:50:27.1,9.66N,84.39W,h42km,MW3.0 UCR 12 22:50:30.7,1.5,9.66N,84.39W,h40km,3km,MW3.5,2C, Costa Rica

Main station list for Costa Rica with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JACO, LCRZ, SRA1, etc.

NEIC 12 22:52:06.4,0.9,36.56N,0.01;97.11W,0.02,h1km,7km, Error ellipse: s-maj=2.2km s-min=1.3km az=56.0

ANF 12 22:52:06.2,0.5,36.57N,97.15W,h1km,ML3.7/15,Error ellipse: s-maj=1.4km s-min=1.2km az=55.0

TUL 12 22:52:06.3,1.2,36.57N,0.01;97.09W,0.02,h8km,5km, ML3.4,mb_Lg3,1.70(NEIC),Error ellipse: s-maj=2.2km s-min=1.4km az=46.0

ISC 12 22:52:06.1,1.3,36.55N,0.03;97.10W,0.03,h1km,12km, n64,c082/48,Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include T35A, T35B, T35B.

2015 OCT

Main station list for Oklahoma City area with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKCFA Oklahoma City, OKCFA Oklahoma City, OKCFA Oklahoma City, etc.

ISC 12 23:20:27.5,1.5,30.54S,0.04;72.06W,0.06,h16km,8km, n154,i1920/150,mb4.6/10,MS3.8/4,2C-4D,Off coast of central Chile

502

Main station list for La Serena area with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO05 La Serena, CO05 La Serena, CO05 La Serena, etc.

ISC 12 23:20:27.5,1.5,30.54S,0.04;72.06W,0.06,h16km,8km, n154,i1920/150,mb4.6/10,MS3.8/4,2C-4D,Off coast of central Chile

505

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Minamidaito 2, Quanzhou, Chien-men Tao, Sheshan, etc.

2015 OCT

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CN2, HHC, HHC, HHC, etc.

13d 0h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GUN, PKI, GSI, GSI, etc.

13d Oh

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DRK Karamyk, PS400 Pilbara Seismi, etc.

2015 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PPLA Purkaypile, OHAK Old Harbor, SPCR Spurr Chakacha, etc.

506

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GLB Gilahina Butte, M26K Nabesna AK, M26K Nabesna AK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUMG Summit, KRLC Kraliky, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, MSVF Nonsavu, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBOO Buckleboo, WR0 Warrungarra Arr, ASAR Alice Springs, etc.

IDC 13 00:34:26.6:50.0, 15:98S:175:64W, h0km, mb4.4/3, mb1.4.5/3, mb1mx3.8/36, mbtrmp4.4/3 Error ellipse:

IDC 13 00:56:11.4:1.3, 44:37N:82:91E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=11.8km s-min=4.0km az=124.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDOK Medeo, TNS5 Tian-Shan, KTBS Karatobe, etc.

JMA 13 00:57:54.7±0.2, 30.29N; 138.96E, h454km, 3km, M3.9
IDC 13 00:57:55.0±0.6, 30.28N; 138.75E, h433km, 8km, mb3.3/18,
m1 3.4/26, mb1mx3.3/62, mbtmp4.2/26, Error ellipse: s-maj=17.9km s-min=8.4km az=73.0

NEIC 13 00:57:56.4±1.1, 30.26N; 0.09; 138.6E±0.1, h436km, 8km,
mb4.2/48, Error ellipse: s-maj=17.1km s-min=12.6km az=63.0

ISC 13 00:57:56.0±0.5, 30.32N; 0.06; 138.75E±0.0, h450km,
n113, c1885/134, mb4.1/51, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHCJ Hachiojimakas, JHU Hachioji jima, JJJ Mitsune, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUN Gumba, MKK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

NEIC 13 01:05:31.4±1.8, 30.44S; 0.03; 71.62W±0.08, h25km, 2km,
mb4.3, ML3.9(GUC), Error ellipse: s-maj=9.5km
s-min=4.0km az=93.0

GUC 13 01:05:31.9±0.5, 30.44S; 71.60W, h30km, 2km, ML4.0
ISC 13 01:05:31.3±0.9, 30.44S; 0.03; 71.65W±0.06, h30km, 2km,
n30, c1912/42, 1C-30, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

13d 2h

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like YVAC Isparta, YVAC Isparta, YVAC Isparta, etc.

2015 OCT

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like HKAT Jabal Katrina, HDHB Dhabab, BOVS Bovar, etc.

510

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like NWAO Narrogin (SRO), STKA Stephens Creek, STKA Stephens Creek, etc.

IDC 13 02:08:17.1.1.7. 43*47N:134*12E, h428km, 15km, mb2.6/2, mb1.2/7.5, mb1mx2.6/49, mbtm3.4/5, Error ellipse: s-maj=35.9km s-min=28.2km az=148.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like USRK Ussuriysk Ar., KLR Kulur, KRSR Korea Array, etc.

DDA 13 02:37:05.9, 35*23N:27.68E, h12km, 4km, ML3.0, ISK 13 02:37:08.6, 35*35N:27.71E, h4km, ML3.1/18

ATH 13 02:37:08.7, 35*25N:27.87E, h45km, 23km, ML2.9/2, Error ellipse: s-maj=9.2km s-min=1.5km az=327.1

NIC 13 02:37:09.0, 0.0, 35*27N:27.86E, h9km, 2km, ML3.3/3, THE 13 02:37:09.9, 35*32N:27.88E, h4km, 6km, ML3.1/4, Error ellipse: s-maj=9.2km s-min=0.9km az=131.0

ISC 13 02:37:09.0, 1.2, 35*28N:0.04, 27.84E, 0.03, h11km, 10km, n62, c1508/90, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

ISC 13 01:48:29.6, 10.0, 1.66N:127.22E, h118km, 89km, mb4.0/5, mb1.4/1.6, mb1mx3.5/39, mbtm3.4/3.6, ML4.3/1, MS3.1/2, MS3.3/1.2, ms1mx2.4/37, Error ellipse: s-maj=95.5km s-min=21.9km az=82.0

NEIC 13 01:48:29.7, 1.4, 1.71N:10.12, 127.31E, 0.09, h114km, 8km, mb4.5/23, Error ellipse: s-maj=15.1km s-min=11.7km az=217.0

DJA 13 01:48:29.9, 0.7, 2.1N:10.12, 127.31E, h10km, M4.5/6, mb4.8/3, mb5.3/2, MLV4.6, Mw(MB)4.7E

ISC 13 01:48:28.0, 0.6, 1.79N:10.07, 127.38E, 0.07, h100km, n46, c1599/47, mb4.5/19, 1C, Halmahera

Table with columns: Code, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like TNTI Ternate, TNTI Ternate, TNTI Ternate, etc.

ISC 13 01:48:29.9, 0.7, 2.1N:10.12, 127.31E, h10km, M4.5/6, mb4.8/3, mb5.3/2, MLV4.6, Mw(MB)4.7E

ISC 13 01:48:28.0, 0.6, 1.79N:10.07, 127.38E, 0.07, h100km, n46, c1599/47, mb4.5/19, 1C, Halmahera

Table with columns: Code, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like COEN Coen, WBO Warramunga Arr, WRAB Tennant Creek, etc.

ELL	Elmali	2.23	48	PN	Pb	02 37 47.8	-1.6
TH2	Imrovigli	2.28	301	PN	Pn	02 37 46.2	-0.4
THR3	Thira Island,	2.28	300	P	P	02 37 46.7	+0.1
SN75	Nea Kammeni,	2.28	300	P	P	02 37 46.5	+0.1
CMBO	Columbo, Santo	2.31	302	P	Pn	02 37 46.7	+0.3
TAVA	DENIZLI, Tavas	2.35	21	P	Pn	02 38 23.2	+1.2
TAVA				I/S	Sg	02 38 33.0	
TAVA				IAML			
AYDN	Tasoluk	2.38	1	I/S	Pn	02 37 47.8	-0.2
AYDN				I/S	Sn	02 38 18.6	+1.4
IDI	Anoyia	2.41	271	P	Pn	02 37 49.3	+0.8
IDI	Anoyia	2.41	271	P	Pb	02 37 50.8	-1.7
GCAM	G?zelcaml?	2.46	349	I/P	Pn	02 37 50.3	+1.2
GCAM				I/S	Sn	02 38 19.2	0.0
GCAM				I/S	Pb	02 38 33.0	
GCAM				IAML			
GCAM	G?zelcaml?	2.46	349	PN	Pn	02 37 49.8	+0.7
SMG	Samos	2.55	342	P	Pn	02 37 50.4	0.0
AYD	Zeytinokoy-Aydi	2.66	1	PN	Pn	02 37 52.4	+0.4
KORT	Korkueli	2.66	49	I/S	Pb	02 37 54.3	-2.4
KORT				I/S	Sb	02 38 26.9	+2.5
KORT				IAML		02 38 38.0	
KORT	Korkueli	2.66	49	PN	Pn	02 37 53.7	+1.7
ZEVE	Izmir, Ura-Ze	3.14	340	I/S	Pn	02 37 57.6	+0.8
ZEVE				I/S	Sn	02 38 18.6	+2.2
IMVW	lera Moni Meta	3.16	274	P	Pn	02 38 00.9	+2.2
BLCB	Balcova	3.16	349	PN	Pn	02 37 59.9	+1.1
URLA	Izmir	3.23	342	PN	Pn	02 38 00.1	+0.4
OSCI	CSNet OBS 1	3.35	121	P	Pn	02 38 01.9	+0.6
CHOS	Chios Island	3.41	336	PN	Pn	02 38 02.5	+0.2
AKMS	Akamass	3.69	93	P	Pn	02 38 06.1	+0.1
AKMS				AML	AML	02 38 50.2	
AKMS				AML	AML	02 38 53.0	
ALFC	Alefka	3.90	90	P	AML	02 38 09.0	+0.1
ALFC				AML	AML	02 38 55.8	
NATA	Nata	3.92	96	P	Pn	02 38 09.7	+0.5
SZAC	Souni	4.17	97	P	AML	02 38 13.3	+0.6
SZAC				AML	AML	02 39 02.4	
SZAC				AML	AML	02 39 03.5	
ASGA	Asgata	4.47	95	P	Pn	02 38 17.1	+0.4
CSS	Mathiatis	4.51	92	P	Pn	02 38 17.6	+0.3
MVOU	Mavrovouni	4.75	92	P	Pn	02 38 21.0	+0.4

IDC 13 03:00:12.9,5,5,22,22Sx148,49E,h0km,mb1 3.4/4, mb1mx3.3/38,mbtpp3.3/4,ML3.0/4, Error ellipse: s-maj=61.8km s-min=31.5km az=90.0, Queensland

Code	Station Name	Δ° AZ°	Phase ID	Time	Res		
CTA	Charters Tower	2.97	315	Op	ISC	03 01 03.0	+1.6
CTA				Pg	Pb	03 01 07.2	+0.4
CTA				Lg	Lg	03 01 43.2	
CTA				Lg	Lg	03 01 43.2	
STKA	Stephens Creek	11.41	211	PN	Pn	03 02 56.0	-1.2
WRA	Warrungarr Arr	13.40	277	PN	Pn	03 03 22.4	-2.1
ASAR	Alice Springs	13.52	261	PN	Pn	03 03 27.1	+1.0
ASAR				Lg	Lg	03 07 20.4	

IDC 13 03:11:37.2,1.0,63.07N,149.87W,h89km,6km,mb3.6/8, mb1 3.7/11,mb1mx3.4/63,mbtpp3.9/11,MS2.9/3, Ms1 2.9/3,ms1mx2.6/47, Error ellipse: s-maj=21.5km s-min=18.5km az=71.0

AEIC 13 03:11:37.1,1.6,62.96N,0.03,149.37W,0.07,h87km,4km, ML4.0,mb4.2/5(NEIC),ML4.2/178(NEIC),Mwrd,1/56(NEIC), Error ellipse: s-maj=4.7km s-min=4.1km az=22.1

ANF 13 03:11:37.4,0.1,62.96N,149.37W,h82km,1km,ML4.3/72, ML4.4/73, Error ellipse: s-maj=1.1km s-min=1.0km az=101.0

NEIC 13 03:11:37.2,1.1,62.98N,0.03,149.38W,0.06,h89km,4km, Error ellipse: s-maj=4.5km s-min=3.7km az=47.0

NEIC 13 03:11:37.62,96N,149.34W,h96km, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; M_{rr}-0.06; M_{θθ}-0.82; M_{φφ}-0.76; M_{rθ}-0.99; M_{rφ}-0.26; Fault plane solution: M₀-1.70000e+10; N_{P1}-18.69000°; 348.32000°; λ-179.33000°; N_{P2}-288.25000°; 389.50000°; λ-41.68000°; Principal axes: T₁-7.541; P₁-23.0000°; Az₁-242.0000°; N₁-0.1182; P₁g₁48.0000°; Az₁108.0000°; P₁-1.6359; P₁g₁28.0000°; Az₁235.0000°;

ISC 13 03:11:37.4,0.5,62.98N,0.02,149.36W,0.03,h89km,4km, n320,φ89/362,mb4.1/12,Central Alaska

Code	Station Name	Δ° AZ°	Phase ID	Time	Res		
WAT1	Susitna Watana	0.40	112	Op	ISC	03 11 50.7	-0.6
WAT1				Sn	Sn	03 12 07.9	-0.7
WAT1				P	Pn	03 11 50.8	-0.5
WAT1				S	Sn	03 12 00.8	-1.0
RND	Reindeer	0.49	28	Sn	Sn	03 11 51.9	-0.2
RND				Sn	Sn	03 12 02.6	-0.3
RND				IAML		03 12 03.5	
TRF	Thorofare Moun	0.63	319	PN	Pn	03 11 53.2	-0.1
TRF				Sn	Sn	03 12 05.0	-0.2
TRF				Pn	Pn	03 11 53.4	0.0
CUT	Chulitna	0.71	216	PN	Pn	03 11 53.5	-0.4
CUT				IAML		03 12 06.5	
CUT				P	Sn	03 11 53.5	-0.4
CUT				S	Sn	03 12 05.6	-0.6
MCK	McKinley	0.78	14	PN	Pn	03 11 54.7	+0.1
MCK				Sn	Sn	03 12 07.9	+0.2
MCK				IAML		03 12 08.7	
MCK				IAML		03 12 08.8	
MCK				P	Pn	03 11 54.8	+0.1
MCK				S	Sn	03 12 07.5	0.0
WAT6	Susitna Watana	0.85	118	PN	Pn	03 11 54.7	-0.8
WAT6				Sn	Sn	03 12 07.9	-1.1
WAT6				P	Pn	03 11 54.9	-0.6
WAT6				S	Sn	03 12 07.9	-1.1
KTH	Kantishna Hill	0.91	310	PN	Pn	03 11 56.1	0.0
KTH				Sn	Sn	03 12 09.8	-0.3
DHY	Denali Highway	0.91	83	PN	Pn	03 11 55.8	-0.3
DHY				Sn	Sn	03 12 09.9	-0.3
DHY				IAML		03 12 11.3	
DHY				IAML		03 12 12.2	
DHY	Denali Highway	0.91	83	P	Pn	03 11 55.9	-0.3
DHY				S	Sn	03 12 09.9	-0.3
BWN	Browne	1.20	358	PN	Pn	03 11 59.4	+0.1
BWN				Sn	Sn	03 12 16.4	+0.6
BWN				IAML		03 12 16.6	
BWN				IAML		03 12 16.9	
GHO	Glory Hole Cre	1.23	170	PN	Pn	03 11 59.8	0.0
GHO				IAML		03 12 17.8	
GHO				IAML		03 12 18.4	
SML	Sawmill	1.27	157	PN	Pn	03 11 59.9	-0.4

SML	comp=E,4μm,0.6s	IAML		03 12 18.6			
SML		IAML		03 12 21.1			
SML	comp=N,3μm,0.7s	Sn		03 12 17.5	0.0		
SML	Sawmill	1.27	157	P	Sn	03 11 59.9	-0.4
SML	baz=338,SNR=479	S	Sn	03 12 17.0	-0.5		
M22K	Willow	1.28	196	P	Pn	03 12 00.1	-0.2
M22K	Willow	1.28	196	P	Pn	03 11 60.0	-0.3
M22K	baz=16,SNR=497	S	Sn	03 12 17.4	-0.2		
PPLA	Purkeypyle	1.30	268	PN	Pn	03 12 00.7	0.0
PPLA				Sn	Sn	03 12 18.1	-0.1
PPLA	Purkeypyle	1.30	268	P	Pn	03 12 00.7	0.0
PPLA	baz=86,SNR=435	S	Sn	03 12 17.7	-0.5		
CAST	Castle Rocks	1.31	291	PN	Pn	03 12 00.2	-0.5
CAST	Castle Rocks	1.31	291	P	Pn	03 12 00.2	-0.5
CAST	baz=109,SNR=127	S	Sn	03 12 17.0	-1.3		
BPAW	Bear Paw Mtn.	1.34	328	PN	Pn	03 12 00.9	-0.2
BPAW				IAML		03 12 18.5	
BPAW	comp=N,3μm,0.5s	S	Sn	03 12 19.3			
BPAW	Bear Paw Mtn.	1.34	328	P	Pn	03 12 00.9	-0.2
BPAW	baz=147,SNR=345	S	Sn	03 12 18.1	-0.9		
PMR	Palmer	1.40	175	PN	Pn	03 12 01.5	-0.3
PMR	Palmer	1.40	175	PN	Pn	03 12 02.0	+0.1
PMR	Palmer	1.40	175	IAML		03 12 24.5	
PMR	comp=N,3μm,0.4s	IAML		03 12 25.1			
PMR	Palmer	1.40	175	P	Pn	03 12 01.2	-0.6
PMR	baz=356,SNR=652	S	Sn	03 12 19.5	-0.7		
SKT	Skwentna	1.42	226	PN	Pn	03 12 01.7	-0.4
SKT	Skwentna	1.42	226	P	Pn	03 12 02.0	-0.6
SKT	Skwentna	1.42	226	P	Pn	03 12 01.7	-0.4
SKT	baz=44,SNR=348	S	Sn	03 12 20.2	-0.6		
SCM	Sheep Creek Mo	1.49	140	PN	Pn	03 12 02.8	-0.3
SCM				IAML		03 12 24.5	
SCM	comp=N,3μm,1.0s	IAML		03 12 25.1			
WRH	Wood River Hill	1.60	20	PN	Pn	03 12 04.2	-0.1
WRH				IAML		03 12 24.8	
CHUM	Chum Lake	1.61	306	P	Pn	03 12 04.4	+0.1
CHUM	Chum Lake	1.61	306	P	Pn	03 12 04.5	+0.1
CHUM	baz=254,SNR=652	S	Sn	03 12 24.1	-0.8		
NEA2	Nenana	1.62	4	PN	Pn	03 12 04.2	-0.4
NEA2				IAML		03 12 25.6	
NEA2	comp=N,2μm,0.8s	P	Pn	03 12 04.4	-0.3		
NEA2	Nenana	1.62	4	P	Pn	03 12 04.4	-0.3
NEA2	baz=185,SNR=203	S	Sn	03 12 24.0	-1.3		
KNK	Knik Glacier	1.63	165	PN	Pn	03 12 04.5	-0.2
KNK				IAML		03 12 33.1	
KNK	comp=N,4μm,0.6s	P	Sn	03 12 24.3	-1.2		
KNK	Knik Glacier	1.63	165	P	Sn	03 12 04.4	-0.4
SUA	Susitna One	1.65	204	PN	Pn	03 12 05.1	0.0
SUA				IAML		03 12 27.6	
SUA	comp=N,3μm,0.6s	IAML		03 12 28.8			
SUA	Susitna One	1.65	204	P	Pn	03 12 04.8	-0.4
SUA	baz=23,SNR=581	S	Sn	03 12 25.6	-0.5		
PS10	TAPS Pump St10	1.69	73	PN	Pn	03 12 06.6	+1.1
M24K	Tolsona, Glenn	1.72	119	PN	Pn	03 12 06.2	+0.3
M24K	Tolsona, Glenn	1.72	119	PN	Pn	03 12 29.8	+2.3
M24K	Tolsona, Glenn	1.72	119	P	Pn	03 12 06.5	+0.6
PAX	Paxson	1.78	89	PN	Pn	03 12 07.2	+0.5
PAX	Paxson	1.78	89	PN	Pn	03 12 29.9	+0.9
PAX	Paxson	1.78	89	PN	Pn	03 12 07.0	+0.3
PAX	baz=272,SNR=909	S	Sn	03 12 29.2	+0.2		
HDA	Harding Lake	1.79	36	PN	Pn	03 12 06.9	+0.1
HDA				IAML		03 12 29.9	
HDA	comp=E,2μm,0.5s	P	Pn	03 12 06.9	+0.1		
HDA	Harding Lake	1.79	36	P	Pn	03 12 28.7	-0.5
HDA	baz=218,SNR=1000	S	Sn	03 12 28.7	-0.5		
HDA				S	Sn	03 12 28.7	-0.5
CCB	Clear Creek Bu	1.81	22	PN	Pn	03 12 06.9	-0.1
CCB				IAML		03 12 29.4	
CCB	comp=E,2μm,0.6s	Sn	Sn	03 12 28.4	-1.1		
STLK	Strandline Lak	1.88	219	PN	Pn	03 12 07.6	-0.5
STLK				Sn	Sn	03 12 31.5	+0.1
FIS	Fire Island	1.89	193	PN	Pn	03 12 10.3	+2.3
RC01	Rabbit Creek A	1.91	185	PN	Pn	03 12 07.9	-0.4
RC01	Rabbit Creek A	1.91	185	P	Pn	03 12 07.7	-0.6
RC01	baz=5.1,SNR=227	S	Sn	03 12 30.5	-1.3		
PS08	TAPS Pump Stn8	1.93	35	PN	Pn	03 12 06.7	0.0
PS08				Sn	Sn	03 12 32.0	-0.4
TCOL	CIGO, UAF Yank	2.01	19	PN	Pn	03 12 09.9	+0.2
TCOL	CIGO, UAF Yank	2.01	19	PN	Pn	03 12 33.5	-0.8
TCOL	CIGO, UAF Yank	2.01	19	P	Pn	03 12 09.9	+0.2
TCOL	b						

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWF1, FULB, HWA, ETM, CHKT, TWK, TWD, OWD, EDH, EDH, ETL, ETL, YUS, YUS, NACB, NACB, ELDTW, ELDTW, SSSLB, SSSLB, CHGB, CHGB, ETLH, ETLH, WHF, WHF, WHYT, WHYT, LONT, LONT, ALS, ALS, SMLT, SMLT, EHP, EHP, FUSS, FUSS, TYC, TYC, LDUT, LDUT, TWT, TWT, TDCB, TDCB, WCS, WCS, TWGBT, TWGBT, TWG, TWG, TWG, TWG, STYH, STYH, STYH, STYH, TTN, TTN, CHN5, CHN5, WJS, WJS, ENA, ENA, EWUT, EWUT, NNSB, NNSB, NNS, NNS, WNT, WNT, TPUB, TPUB, CHN4, CHN4, WTP, WTP, WTP, WTP, WHP, WHP, WDLH, WDLH, WDLH, WDLH, SLGT, SLGT, SLGT, SLGT, JSHAN, JSHAN, DPC.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SGST, CHN2, CHN2, CHN1, CHN1, NDT, NDT, TCU, TCU, TWK, TWK, SNST, SNST, TWC, TWC, NDS, NDS, ECL, ECL, ENTT, ENTT, CHY, CHY, WCHH, WCHH, TWQ1, TWQ1, WTK, WTK, YHNB, YHNB, YHNB, YHNB, NSK, NSK, TWE, TWE, SSD, SSD, NSY, NSY, WRL, WRL, SCST, SCST, WDJ, WDJ, ILA, ILA, NSTT, NSTT, CHN3, CHN3, NNLW, NNLW, NNLW, NNLW, LIOB, LIOB, ICHU, ICHU, NMLH, NMLH, MASBT, MASBT, NTC, NTC, EAST, EAST, EAST, EAST, TIPB, TIPB, TWA, TWA, LAY, LAY, SCZT, SCZT, NCUH, NCUH, YOJ, YOJ, YOJ, YOJ, TWS1, TWS1, YMO1, YMO1, PHUB, PHUB, PNG, PNG, HATJ, HATJ, IRIF, IRIF, VCHM, VCHM, JKRS, JKRS, JIJ, JIJ, JISG, JISG, JIJ, JIJ, JIJ, JIJ, MATB, MATB, DNK, PRU, VIE, Error ellipse, ISC, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DPC, PVCC, PVCC, KRLC, KRLC, BRG, BRG, PRA, PRA, PRU, PRU, MORC, MORC, CLL, CLL, OKK, OKK, VRAC, VRAC, TREC, TREC, PBCC, PBCC, KRUC, KRUC, OJC, OJC, NKC, NKC, NKC, NKC, JAVC, JAVC, KHC, KHC, KHC, KHC, CKRC, CKRC, MODS, MODS, NIE, NIE, NIE, NIE, CONA, CONA, BSD, BSD, MOA, MOA, ARSA, ARSA, LUNU, LUNU, BLEU, BLEU, BJUU, BJUU, DEL, DEL, DEL, DEL, FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, MKAR, MKAR, IDC 13 03:54:08.2, IDC 13 03:56:07.9, NOU 13 03:56:22.2, ISC 13 03:56:11.9, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res.

Table with columns: XAN, comp, Az, El, Pmax, Pmax, Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ARU, NRIK, KSRS, AKASG, ARCES, ILAR, TORD, WRA, ASAR, CTA.

NEIC 13 05:30:47.8,0.9,59.77N,0.04,153.47W,0.09, h131km,5km, Error ellipse: s-maj=7.5km s-min=3.6km az=129.0 ANF 13 05:30:48.5,0.4,59.78N,153.35W, h118km,4km, ML3.4/41, Error ellipse: s-maj=3.3km s-min=2.8km az=133.0 AEIC 13 05:30:48.1,0.5,59.75N,153.47W,0.1,112.7km,4km, ML3.3,ML3.5/106(NEIC), Error ellipse: s-maj=7.6km s-min=7.1km az=91.0

ISC 13 05:30:46.6,1.3,59.74N,0.03,153.44W,0.03, h138km,6km, n236, c190/244, Southern Alaska

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including OPT, P19K, ILS, IVE, AUL, AUCH, AGU, O20K, O19K, RED, RSO, RDWB, Q19K, Q19K, NCT, O18K, O18K, O18K, HOM, HOM, HOM, DFR, P18K, P18K, P18K, CNPM, CNPM, CNPM, KAPH, BRLL, BRLL, BRSE, BRSE, CAPN, CAPN, SPCR, SPCR, SPU, SPU, SPBG, SPBG, SPCN, SPCN, SPCP, KAKN, SPCG, SVW2, KABU, SLKM, STRL, O22K, O22K, KDAK, KDAK, SEW, SEW, FIS, FIS, FIS, SUA.

Main station list table with columns: SUA, Susitna One, 2.18, 36, IAML, 05 31 53.1, comp=E,20nm,4.1s. Lists numerous stations including SUA, M19K, RC01, RC01, RC01, SKT, SKT, OHAK, OHAK, OHAK, PLK1, L19K, L19K, M22K, L20K, L20K, PVL, PVL, PVL, PMR, PMR, PMR, KNK, KNK, KNK, GHO, GHO, GHO, CUT, CUT, SII, SII, PPLA, PPLA, SML, SML, SML, SML, GLI, GLI, GLI, TTO1, HIN, HIN, HIN, FID, JPK, K20K, K20K, SCM, SCM, SCM, CAST, CAST, WAT1, WAT1, EYAK, EYAK, WAT6, WAT6, KTH, TRF, TRF, TRF, DIV, CHIR, KLU, KLU, KLU, CHUM, CHUM, M24K, M24K, M24K, RND, RND, RND, DHY, DHY, DHY, DHY, J20K, J20K, J20K, BPAW, BPAW, BPAW.

Main station list table with columns: BPAW, Bear Paw Mtn, 4.53, 14, P, Pn, 05 31 53.7, comp=E,20nm,4.1s. Lists numerous stations including MCK, MCK, MCK, KAIM, BMRM, BMRM, N25K, N25K, N25K, HARP, BWN, BWN, BWN, PAX, PAX, PAX, GLB, GLB, GLB, VRDI, VRDI, VRDI, CRQM, CRQM, CRQM, GCSA, NEA2, NEA2, NEA2, NEA2, WAX, WRH, WRH, WRH, TGL, MCARA, MCARA, MCARA, KULT, MLY, MLY, I21K, I21K, I21K, BARK, COB, HDA, HDA, PTPK, KIAG, KIAG, RIDG, RIDG, RIDG, BAGL, M26K, M26K, PS08, I23K, I23K, TCOL, TCOL, TCOL, MDM, COLA, COLA, COLA, YAH, IL31, ILAR, GRNC, DOT, H21K, H21K, BARN, POKR, RKAV, CTG, CTG, CTG, CTG, J25K, J25K, J25K, TABL, M27K, M27K, M27K, IM03, M27R, LOGN, H23K, H23K, L27K, YUK2, H24K, H24K, H24K, PCA, PINM, PINM, YUK3, YUK3, YUK3, PRP, PRP, YUK4, YUK4, YUK4, COLD, COLD, COLD, Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BPAW, MCK, KAIM, BMRM, N25K, HARP, BWN, PAX, GLB, VRDI, CRQM, GCSA, NEA2, WAX, WRH, TGL, MCARA, KULT, MLY, I21K, BARK, COB, HDA, PTPK, KIAG, RIDG, BAGL, M26K, PS08, I23K, TCOL, MDM, COLA, YAH, IL31, ILAR, GRNC, DOT, H21K, BARN, POKR, RKAV, CTG, J25K, TABL, M27K, IM03, M27R, LOGN, H23K, L27K, YUK2, H24K, PCA, PINM, YUK3, PRP, YUK4, COLD.

IDC 13 05:32:54.0,1.5,22.63S,66.25W, h231km,19km, mb1 3.4/4, mb1mx3.0/20, mbtmp4.0/4, Error ellipse: s-maj=30.6km s-min=19.2km az=128.0 NEIC 13 05:32:54.0,1.8,22.69S,0.07,66.3W,0.1, h250km,8km, mb4, 1/1, Md4, 1(SJA), Error ellipse: s-maj=16.5km s-min=9.0km az=107.0 SJA 13 05:32:56.5,2.2,22.76S,0.08,66.4W,0.1, h210km,8km, Error ellipse: s-maj=0.0km s-min=0.0km az=191.0 ISC 13 05:32:53.6,0.9,22.85S,0.07,66.34W,0.10, h245km, n26, c093/28, Jujuy Province Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AF01, LVC.

Table with columns: Station Name, Code, Azimuth, Phase ID, Time, Residual. Includes stations like WDLH Douliu, WRL Guolierlin Hig, ENTT Nioudou, YUS Yu-Shan, ENA Nanau, ALS Alishan, EHY Hungye, EHY Hulai, NWLT Wu'ai, HGSD Ruisui, WTCT Ta-ch'eng, NDS Dongschan, TWE Neicheng, YULB Yu-li, TWC Suao, CHY Chiayi, CHY Ilan, ILA Ilan, CHN4 Tsoushan, TPUB Ta-pu, WTP Ta-pu, TWK Hsinying, TIPB Shuangxi, TIPB Nanshi, YMO1 YMO1, CHN8 Yju, NWF Wu-fen Shan, EDH Donghe.

BUI 13 11:49:01.4+0.0, 23.54N, 121.66E, h21km, mB4.6/32, mb4.5/52, ML4.6/10, Ms4.5/70, Ms7.4/4/67
NIED 13 11:49:03.7, 23.48N, 121.65E, h49km, MW4.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn0.85; Mw0.82; Mb0.146; Me1.45; Ms0.12; Mr1.93; Fault plane solution: M2.73000x10^16 NP1.0, 34.00000, 860.00000, 1.110.00000. NP2.0, 150.00000, 822.00000, 1.27.00000
JMA 13 11:49:03.7-0.1, 23.48N, 121.65E, h49km, M4.9, NEIC 13 11:49:04.1, 23.44N, 121.76E, h49km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2.00; Mw0.04; Mb0.205; Me-1.47; Ms0.058; Mr-0.33; Fault plane solution: M2.59000x10^16 NP1.0, 351.86000, 841.01000, 1.48.58000. NP2.0, 221.32000, 660.52000, 1.19.91000. Principal axes: T 2.7923, Plg62.0000, Azm180.0000; N -0.4653, Plg26.0000, Azm26.0000; P -2.3269, Plg11.0000, Azm290.0000
ASIES 13 11:49:04.0, 23.45N, 121.76E, h36km, MW4.6, NEIC 13 11:49:04.2, 1.9, 23.45N, 121.70E, 0.05, h45km, 5km, mb4.9/86, Mw4.9/25, ML5.5(TAP). Error ellipse: s-maj=6.9km s-min=2.5km az=118.0
TAP 13 11:49:04.7, 23.49N, 121.65E, h49km, ML5.5, B IDC 13 11:49:04.4, 3.0, 23.47N, 121.74E, h58km, 29km, mb4.1/27, mb1.4/2/29, mb1mx4.2/44, mbtmp4.4/29, ML4.6/1, MS3.9/32, Ms1.3/32, ms1mx3.8/54, Error ellipse: s-maj=14.7km s-min=9.9km az=76.0
GCMT 13 11:49:05.2, 0.2, 23.38N, 121.55E, 0.02, h57km, 1km, MW4.9/80, Moment Tensor Solution. s3, c36; s80.c111; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.79, 14; Mw0.70, 10; Mb0.249, 10; Me-1.10, 06; Ms0.1, 13; 07; Mr0.39, 07. Best double couple: M2.7490x10^16 NP1.0, 228.00000, 855.00000, 1.136.00000. NP2.0, 347.00000, 856.00000, 1.44.00000. Principal axes: T 2.6480, Plg54.0000, Azm198.0000; N 0.2030, Plg36.0000, Azm17.0000; P -2.8500, Plg1.0000, Azm107.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 13 11:49:04.2-0.5, 23.46N, 121.72E, 0.02, h48km, 4km, n378, s1955/497, mb4.9/33, MS4.1/35, 45C-74D, Fault plane solution: NP1.0, 339.41638, 849.9812, 1.32.81668. NP2.0, 226.90093, 865.47133, 1.135.04276. Principal axes: T Plg48.4253, Azm185.8419; N Plg40.0737, Azm24.3249; P Plg9.2640, Azm286.4377; Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like HGSD Ruisui, HGSD Nioudou, ECBN Changbin, ECBN Nioudou, TEGC Jichi Village, TEGC Nioudou, EGFH Guangfu, EGFH Nioudou, EHY Hungye, EHY Nioudou, EYUL Yuli, EYUL Nioudou, YULB Yu-li, YULB Nioudou, YULB Yu-li.

Table with columns: Station Name, Code, Azimuth, Phase ID, Time, Residual. Includes stations like YULB Yuli, TWFI Yuli, TWFI Nioudou, TEYL Yanliu Villag, TEYL Nioudou, ESL Shilin, ESL Nioudou, FULB Full, FULB Nioudou, CHKT Chengkung, CHKT Nioudou, HWA Hwalien, HWA Nioudou, ETM Tongmen, ETM Nioudou, ECS Chishang, ECS Nioudou, EDH Donghe, EDH Nioudou, TWD Chiawen, TWD Nioudou, ELDTW Lidau, ELDTW Nioudou, OWD Renai, OWD Nioudou, ETL Fush Village, ETL Nioudou, YUS Yu-Shan, YUS Nioudou, NACB Ninganchiao, NACB Nioudou, NACB Niunganchiao, NACB Nioudou, LONT Longtian, LONT Nioudou, SSLB Suanglung, SSLB Nioudou, SSLB Suanglung, SSLB Nioudou, ETHL Xiulin Townshi, ETHL Nioudou, CHGB Renai, CHGB Nioudou, WHF Heluan Shan, WHF Nioudou, LDUT Ludao, LDUT Nioudou, LDUT Niunganchiao, LDUT Nioudou, WHYT Xinyi Township, WHYT Nioudou, WHYT Niunganchiao, WHYT Nioudou, ALS Alishan, ALS Nioudou, ALS Niunganchiao, ALS Nioudou, EHP Heping Village, EHP Nioudou, EHP Sun Moon Lake, EHP Nioudou, SMLT Sun Moon Lake, SMLT Nioudou, TWGBT Beinan, TWGBT Nioudou, TWGBT Niunganchiao, TWGBT Nioudou, TWG Pinlang, TWG Nioudou, TWG Pinlang, TWG Nioudou, TTN Taitung, TTN Nioudou, TTN Niunganchiao, TTN Nioudou, WPL Puli Township, WPL Nioudou, WPL Niunganchiao, WPL Nioudou, FUSS Fushou, FUSS Nioudou, FUSS Niunganchiao, FUSS Nioudou, TYC Yuch, TYC Nioudou, TYC Niunganchiao, TYC Nioudou, STYH Taoyuan, STYH Nioudou, STYH Niunganchiao, STYH Nioudou, DPDB Guoxing, DPDB Nioudou, DPDB Niunganchiao, DPDB Nioudou, STYT Taoyuan, STYT Nioudou, STYT Niunganchiao, STYT Nioudou, STYT Niunganchiao, STYT Nioudou, TWT Tachien, TWT Nioudou, TWT Niunganchiao, TWT Nioudou, TDCB Tech, TDCB Nioudou, TDCB Niunganchiao, TDCB Nioudou, WCS Beigang Elemen, WCS Nioudou, WCS Niunganchiao, WCS Nioudou, CHNS Tsaiung, CHNS Nioudou, CHNS Niunganchiao, CHNS Nioudou, ENA Nanau, ENA Nioudou, ENA Niunganchiao, ENA Nioudou, WJS Zhushan, WJS Nioudou, WJS Niunganchiao, WJS Nioudou, EWUT Wuta, EWUT Nioudou, EWUT Niunganchiao, EWUT Nioudou, TPUB Ta-pu, TPUB Nioudou, TPUB Niunganchiao, TPUB Nioudou.

Table with columns: Station Name, Code, Azimuth, Phase ID, Time, Residual. Includes stations like TPUB Ta-pu, TPUB Nioudou, NNSB Datong, NNSB Nioudou, NNS Nan Shan, NNS Nioudou, WNT Mingjian, WNT Nioudou, WTP Ta-pu, WTP Nioudou, CHN4 Tsoushan, CHN4 Nioudou, WNT1 Nantou City, WNT1 Nioudou, WHP Taichung City, WHP Nioudou, WHP Niunganchiao, WHP Nioudou, WGK Gukeng, WGK Nioudou, WGK Niunganchiao, WGK Nioudou, SLGT Liugui, SLGT Nioudou, WWF Wufeng, WWF Nioudou, WWF Niunganchiao, WWF Nioudou, WDLH Douliu, WDLH Nioudou, ECL Taimali, ECL Nioudou, SGST Jiasian, SGST Nioudou, CHN1 Nanshi, CHN1 Nioudou, CHN1 Niunganchiao, CHN1 Nioudou, CHN2 Minshiang, CHN2 Nioudou, CHN2 Niunganchiao, CHN2 Nioudou, SNST Tainan City, SNST Nioudou, SNST Niunganchiao, SNST Nioudou, TWK Hsinying, TWK Nioudou, TWK Niunganchiao, TWK Nioudou, TWC Suao, TWC Nioudou, TWC Niunganchiao, TWC Nioudou, NDT Datong Townshi, NDT Nioudou, NDS Dongschan, NDS Nioudou, TCU Taichung, TCU Nioudou, TCU Niunganchiao, TCU Nioudou, CHY Chiayi, CHY Nioudou, CHY Niunganchiao, CHY Nioudou, SHD Sandimen, SHD Nioudou, SHD Niunganchiao, SHD Nioudou, WCHH Zhenhua, WCHH Nioudou, WCHH Niunganchiao, WCHH Nioudou, TSMG Majia, TSMG Nioudou, TSMG Niunganchiao, TSMG Nioudou, TWQ1 Liyuan, TWQ1 Nioudou, TWQ1 Niunganchiao, TWQ1 Nioudou, WTK Tuku, WTK Nioudou, WTK Niunganchiao, WTK Nioudou, YHNB Yeheng, YHNB Nioudou, YHNB Niunganchiao, YHNB Nioudou, NSK Sanguang, NSK Nioudou, NSK Niunganchiao, NSK Nioudou, TWE Neicheng, TWE Nioudou, TWE Niunganchiao, TWE Nioudou, SCST Cishan, SCST Nioudou, SCST Niunganchiao, SCST Nioudou, NSY Sanyi, NSY Nioudou, NSY Niunganchiao, NSY Nioudou, CHN3 Shinhua, CHN3 Nioudou, CHN3 Niunganchiao, CHN3 Nioudou, ILA Ilan, ILA Nioudou, ILA Niunganchiao, ILA Nioudou, MASBT Mashibulo, MASBT Nioudou, MASBT Niunganchiao, MASBT Nioudou, WRL Guolierlin Hig, WRL Nioudou, WRL Niunganchiao, WRL Nioudou, ICHU Yijhu, ICHU Nioudou, ICHU Niunganchiao, ICHU Nioudou, WDJ Dajia District, WDJ Nioudou, WDJ Niunganchiao, WDJ Nioudou, WDJ Niunganchiao, WDJ Nioudou, NWLT Wu'ai, NWLT Nioudou, NWLT Niunganchiao, NWLT Nioudou, TAW Tawu, TAW Nioudou, TAW Niunganchiao, TAW Nioudou, EAST Anshuo, EAST Nioudou, EAST Niunganchiao, EAST Nioudou, NSTT Nanjuang, NSTT Nioudou, NSTT Niunganchiao, NSTT Nioudou, SGLT Jiouru, SGLT Nioudou, SGLT Niunganchiao, SGLT Nioudou, SGLT Emei, SGLT Nioudou, SGLT Niunganchiao, SGLT Nioudou, LIOB Emei, LIOB Nioudou, LIOB Niunganchiao, LIOB Nioudou, NMLH Miaoili, NMLH Nioudou, NMLH Niunganchiao, NMLH Nioudou, WCTCT Ta-ch'eng, WCTCT Nioudou, WCTCT Niunganchiao, WCTCT Nioudou, WSF Shzu, WSF Nioudou, WSF Niunganchiao, WSF Nioudou, CHN8 Yju, CHN8 Nioudou, CHN8 Niunganchiao, CHN8 Nioudou.

Table with columns: Station, Frequency, Class, Mode, Power, and other technical details. Includes stations like CHNH, NTC, LAY, SCLT, etc.

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

Table with columns: Station, Frequency, Class, Mode, Power, and other technical details. Includes stations like CN2, CN2, CHTO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FULB. Lists various stations like Dannevirke, Angora Road, Takapari Road, etc.

IDC 13 12:18:44.4-9.2,24:04Sx179:59E,h617km,110km, mb3.3/6,mb1 3.5/6,mb1mx3.1/25,mbtmp4.3/6,Error ellipse: s-maj=99.7km s-min=51.2km az=163.0

ISC 13 12:18:42.6-1.8,24:25:0.8:179:7E,0.3,h600km,n7, c194:7,mb3.7/6,South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FULB. Lists stations like Charters Tower, Stephens Creek, Alice Springs, etc.

TAP 13 12:21:28.9,23:48N-121:66E,h45km,ML2.9,C JMA 13 12:21:28.6-0.1,23:47N-121:66E,h49km,2km,ML2.8

ISC 13 12:21:29.5-1.2,23:47N-121:67E,0.0,2,h45km,6km, n9D,c0562/178,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FULB. Lists stations like Ruisui, Guangfu, Hungye, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, FULB. Lists stations like Dannevirke, Angora Road, Takapari Road, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, FULB. Lists stations like Dannevirke, Angora Road, Takapari Road, etc.

SOME 13 12:36:36.5,37:73N-78:13E,h0km IDC 13 12:36:37.6-2.6,37:71N-78:04E,h0km,mb3.5/3, mb1 3.8/8,mb1mx3.5/65,mbtmp3.7/8,ML3.6/5,Error ellipse: s-maj=34.6km s-min=27.4km az=13.0

NNC 13 12:36:39.5-1.1,37:74N-77:92E,h0km,mb4.4,mpv4.0, Error ellipse: s-maj=8.8km s-min=7.9km az=106.0

ISC 13 12:36:41.2-1.5,37:83N-108:77.96E,0.07,h10km,n35, c3501/51,mb3.5/3,8C-5D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNS5 Tian-Shan, IZV Ivestkoviy, UZB Uzynbulak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCO Las Campanas, AC02 Maricunga, PB10 POC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATP Matopo, ANA2 Anatamah, WRA Warramunga Arr, etc.

13d 15h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, ILAR Eielson Array, etc.

NOU 13 15:34:48.2, 21:09S: 176:27W, h300km, mb4.5/9, Fiji

ISC 13 15:34:40.7, 1.1, 22.33S: 0:07:176:5W, 0.1, h10km, n22, c205/34, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Niue, GLKZ Green Lake, etc.

MOS 13 15:40:05.7, 1.0, 36:45N: 70:57E, h186km, mb4.7/41, Error ellipse: s-maj=6.1km s-min=3.2km az=83.4

BJI 13 15:40:07.0, 0.0, 36:59N: 70:57E, h202km, mb4.7/19, mb4.5/38

NEIC 13 15:40:08.9, 1.6, 36:50N: 0:06:70:56E, 0.0, h203km, 2km, mb4.7/124, Error ellipse: s-maj=8.9km s-min=8.3km az=85.0

IDC 13 15:40:09.2, 2.1, 36:41N: 70:59E, h208km, 19km, mb4.0/25, mb1.4/131, mb1mx/4.0/3, mbtmp/6/31, Error ellipse: s-maj=1.2km s-min=0.8km az=18.0

NNC 13 15:40:12.2, 5.0, 36:88N: 70:58E, h214km, 52km, mb4.2, mpv=5, Error ellipse: s-maj=47.9km s-min=28.0km az=23.0

ISC 13 15:40:07.0, 2.0, 36:49N: 0:03:70:55E, 0.04, h190km, 4km, h190km, p1p420, n1p42, 4454, mb4.6/121, 26C-29D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBL Kabul, CHGR Chuyangaron, GAR Garm, CEP Cherat, etc.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHMS Chumysh, USP Oспенovka, TSM Tokmak 2, etc.

530

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

13d 16h

Table with 5 columns: ID, Name, Time, Res, and other details. Includes entries like AB31 Akbulak array, TAPN Tapejung, AKTO Aktyusensk.

NEIC 13 16:22:56.9, 1.1, 20.4S; 0.2x178.7W; 0.2, h557km, 29km, mb3.2/6, mb4.0/22, Error ellipse: s-maj=25.4km s-min=19.0km az=141.0

IDC 13 16:22:56.5, 3.8, 20.32S; 178.74W, h558km, 29km, mb3.2/6, mb1.3, 3.7, mb1m3.2/24, mbtmp4.0/7, Error ellipse: s-maj=99.5km s-min=17.6km az=151.0

ISC 13 16:22:55.4, 0.7, 20.55S; 0.1, 178.6W; 0.1, h550km, n40, o=85/40, mb4.0/18, 1D, Fiji Islands region

Main table for 13d 16h section, listing station names, codes, and various parameters like time, resolution, and phase ID.

ANF 13 16:34:10.2, 0.2, 62.62N; 151.71W, h3km, 2km, ML3.5/59, Error ellipse: s-maj=1.6km s-min=1.5km az=76.0

AEIC 13 16:34:10.1, 1.6, 62.637N; 0.009:151.71W; 0.02, h1km, 5km, ML3.1, ML3.5/149(NEIC), Error ellipse: s-maj=1.9km s-min=0.7km az=130.0

NEIC 13 16:34:10.3, 1.1, 62.63N; 0.01x151.70W; 0.03, h1km, 5km, Error ellipse: s-maj=2.0km s-min=1.7km az=79.0

ISC 13 16:34:10.3, 1.0, 62.63N; 0.01x151.69W; 0.02, h7km, 9km, n221, o=92/31, Central Alaska

Main table for 13d 16h section, continuing station listings with various parameters.

2015 OCT

Main table for 2015 OCT section, listing station names, codes, and various parameters like time, resolution, and phase ID.

532

Main table for 532 section, listing station names, codes, and various parameters like time, resolution, and phase ID.

Table with columns: PRP, Porcupine Dome, 3.97 40 Pn, 16 35 12.4 +0.8, etc. Includes stations like M26K, M26K, M26K, etc.

HLW 13 16:34:37.0, 36.86N, 23.78E, h9km, 14km, Md3.8
ATH 13 16:34:38.6, 36.99N, 23.25E, h86km, 3km, ML3.6/23, Error
ellipse: s-maj=3.3km s-min=1.4km az=118.0

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

Main table with columns: ITM, Ithomi, 1.07 284 PG, 16 35 02.5 +2.3, etc. Includes stations like ITM, Ithomi, LOUT, etc.

Main table with columns: EZN, Ezine, 3.79 39 PN, 16 35 37.1 +1.4, etc. Includes stations like EZN, Ezine, AYDB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKR31, MKAR, ZAAO, ZALV, etc.

SNET 13 16:43:18.6:0.9, 12.97N:89.02W, h33km, 2km, ML3.6
UCR 13 16:43:18.8:0.9, 12.97N:89.02W, h33km, 2km, ML3.6

Main table of station data for the first section, including codes like ALJI, SJTE, LFRS, etc.

TIR 13 16:46:59.7, 40.13N:21.48E, h0km, 3km, Md2.9, Ml2.2
SKO 13 16:47:00.1, 40.00N:21.37E, h5km

Main table of station data for the second section, including codes like KPRO, PENT, KZN, etc.

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

IDC 13 16:50:24.9:2.7, 51.31N:179.39E, h0km, mb3.9/8,
Mb1 9.9, mb1mx3.5/7.1, mbmtmp3.9/9, ML4.0/1, MS3.5/2,

Main table of station data for the third section, including codes like AMKA, CESW, CERA, etc.

IDC 13 16:51:20.0:0.7, 51.10N:179.25E, h0km, mb4.1/27.3,
mb1 4.2/28, mb1mx1.4/7.3, mbtmp4.1/28, ML4.6/1, MS3.3/5,

Main table of station data for the fourth section, including codes like AMKA, AMKA, AMKA, etc.

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

comp=Z,1.6m,1.3s
GLory Hole Ce 20.34 46 P P 16 55 58.7 +0.2

Main table of station data for the fifth section, including codes like H21K, H21K, I21K, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Red Lodge, Dugway, Pine Spring, etc.

IDC 13 17:06:58.1, 1.38, 28N; 133.97E, h433km, 14km, mb2.7/3, mb1 2.8/8, mb1mx2.6/52, mbtmp3.5/8, Error ellipse: s-maj=27.1km s-min=18.9km az=89.0

JMA 13 17:07:00.8, 0.4, 38.13N; 134.24E, h444km, M3.4, ISC 13 17:07:00.2, 1.0, 38.30N; 134.02E, 0.1, h450km, n17, r1907, mb2.7/3, Sea of Japan

SOME 13 17:07:36.9, 37.78N; 78.52E, h10km, NNC 13 17:07:41.2, 2.5, 37.83N; 78.36E, h0km, mb3.7, mpv3.3, 4C-20.0, Error ellipse: s-maj=73.0km s-min=17.5km

4C-100.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, etc.

DDA 13 17:08:56.8, 39.58N; 44.59E, h7km, 3km, ML2.5, ISK 13 17:08:56.7, 39.56N; 44.58E, h5km, ML2.6, ISC 13 17:08:56.8, 1.5, 39.59N; 0.03, 44.59E, 0.05, h5km, 12km, n18, c090/27, Iran-Armenia-Azerbaijan border region

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

IDC 13 17:06:58.1, 1.38, 28N; 133.97E, h433km, 14km, mb2.7/3, mb1 2.8/8, mb1mx2.6/52, mbtmp3.5/8, Error ellipse: s-maj=27.1km s-min=18.9km az=89.0

JMA 13 17:07:00.8, 0.4, 38.13N; 134.24E, h444km, M3.4, ISC 13 17:07:00.2, 1.0, 38.30N; 134.02E, 0.1, h450km, n17, r1907, mb2.7/3, Sea of Japan

SOME 13 17:07:36.9, 37.78N; 78.52E, h10km, NNC 13 17:07:41.2, 2.5, 37.83N; 78.36E, h0km, mb3.7, mpv3.3, 4C-20.0, Error ellipse: s-maj=73.0km s-min=17.5km

4C-100.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Wachi, Matsushiro Arr, etc.

SOME 13 17:07:36.9, 37.78N; 78.52E, h10km, NNC 13 17:07:41.2, 2.5, 37.83N; 78.36E, h0km, mb3.7, mpv3.3, 4C-20.0, Error ellipse: s-maj=73.0km s-min=17.5km

4C-100.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Saty, Uzb, Mdog, etc.

TASB TASBURUN-IGDIR 0.48 326 Op Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGDIDR, Caldian, etc.

IDC 13 17:26:21.0, 1.2, 38.08N; 56.70E, h0km, mb3.2/3, mb1 3.6/10, mb1mx4.6/3, mbtmp3.6/10, ML3.4/7, Error ellipse: s-maj=12.8km s-min=9.8km az=36.0

NNC 13 17:26:21.9, 2.2, 38.41N; 56.90E, h0km, mb4.0, Error ellipse: s-maj=30.6km s-min=7.1km az=56.0

TEH 13 17:26:23.1, 38.38N; 56.93E, h10km, ML3.7, THR 13 17:26:24.7, 0.5, 38.24N; 56.91E, h6km, 3km, ML3.3, ISC 13 17:26:23.0, 0.6, 38.41N; 0.04, 56.91E, 0.03, h10km, n58, c202/65, 1C-5D, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Bojnurd, Maraveh tapeh, etc.

BRVK Borovoye 17.32 28 Pn Pn 17 30 26.7 +1.4

13d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ARU, KURBS, MKAR, AKASG, ZALV.

TAP 13 17:29:51.6, 23:17N: 120:50E, h15km, ML1.5, 4C, B,

Main table for 13d 18h with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations like CHN1, SNST, TWK, etc.

IDC 13 17:43:31.9, 2.3, 7.08S: 128.73E, h0km, mb3.4/1, mb1 3.4/3, mb1mx3.2/30, mbtmp3.2/3, ML3.2/2, Error ellipse: s-maj=121.8km s-min=34.3km az=66.0, Banda Sea

Table for IDC 13 17:43:31.9, 2.3, 7.08S: 128.73E, h0km, mb3.4/1, mb1 3.4/3, mb1mx3.2/30, mbtmp3.2/3, ML3.2/2, Error ellipse: s-maj=121.8km s-min=34.3km az=66.0, Banda Sea. Includes stations like WRA, ASAR, MKAR, etc.

RSRP 13 17:43:23.8, 18:03N: 68:27W, h114km, 1km, MD3.3/8, NEIC 13 17:43:23.1±0.5, 18:01N: 0:2±68:30W: 0.06, h116km, 12km, Error ellipse: s-maj=25.6km s-min=8.9km az=100.0, IDC 13 17:43:24.1±1.4, 18:11N: 0:1±68:31W: 0.05, h100km, n40, e076/44, 8C-2D, Mona Passage

Table for RSRP 13 17:43:23.8, 18:03N: 68:27W, h114km, 1km, MD3.3/8, NEIC 13 17:43:23.1±0.5, 18:01N: 0:2±68:30W: 0.06, h116km, 12km, Error ellipse: s-maj=25.6km s-min=8.9km az=100.0, IDC 13 17:43:24.1±1.4, 18:11N: 0:1±68:31W: 0.05, h100km, n40, e076/44, 8C-2D, Mona Passage. Includes stations like IDE, CRPR, AGPR, etc.

2015 OCT

Table for 2015 OCT with columns: AOPR, Arcelco Observ, 1.50 80 eS, Sn, 17 44 10.4 0.0, etc. Lists stations like AOPR, OBIP, CELP, etc.

IDC 13 17:46:56.9±1.5, 31:75S: 71:68W, h0km, mb3.9/2, mb1 3.9/7, mb1mx3.6/29, mbtmp3.7/7, ML3.6/5, Error ellipse: s-maj=43.4km s-min=29.8km az=107.0, NEIC 13 17:46:58.5±2.0, 31:75S: 0:03±72:2W: 0.1, h10km, 4km, mb4.4/4, Mwr3.9/37, ML3.7(GUC), Error ellipse: s-maj=12.9km s-min=4.8km az=94.0, GUC 13 17:46:59.0±0.9, 31:77S: 72:17W, h37km, 3km, ML3.7, NEIC 13 17:47:00.5, 31:76S: 72:04W, h13km, Moment Tensor Solution: Moment tensor: Scale 10^14Nm, Mf0.62, Mw0.06, Mw-6.83, Mw-0.26; Mw1.86; Mw-5.92; Fault plane solution: M9.10000x10^14 NP1±176.73000°, 665.02000°, λ100.02000°. NP2±333.58000°, 826.26000°, λ69.02000°. Principal axes: T 8.9692, P168.0000°, Azm106.0000°, N 0.2609, Plg9.0000°, Azm353.0000°, P -9.2301, Plg20.0000°, Azm259.0000°. ISC 13 17:46:57.1±1.8, 31:76S: 0:03±72:17W: 0.07, h4km, 11km, n66, e122/68, mb4.3/4, 11C, Off coast of Chile

Main table for 2015 OCT with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like VA06, CO06, VA01, ROCH, CO03, etc.

536

Table for 536 with columns: SIV, San Ignacio, 18.67 35 P, P, 17 51 14.1 -1.2, etc. Lists stations like BDFB, HATO, VNA3, etc.

IDC 13 18:08:43.5±2.1, 3:35S: 151:66E, h0km, mb3.4/3, mb1 3.8/3, mb1mx3.4/22, mbtmp3.4/3, Error ellipse: s-maj=160.6km s-min=30.4km az=126.0, New Ireland region

Table for IDC 13 18:08:43.5±2.1, 3:35S: 151:66E, h0km, mb3.4/3, mb1 3.8/3, mb1mx3.4/22, mbtmp3.4/3, Error ellipse: s-maj=160.6km s-min=30.4km az=126.0, New Ireland region. Includes stations like WRA, ASAR, ILAR.

IDC 13 18:24:18.7±0.8, 54:36S: 136:43W, h0km, mb4.2/9, mb1 4.4/9, mb1mx4.2/28, mbtmp4.2/28, MS4.5/21, MS1 4.4/21, mb1mx4.4/24, Error ellipse: s-maj=28.1km s-min=20.3km az=166.0, NEIC 13 18:24:20.0±1.6, 54:55S: 0:1±136:3W: 0.2, h15km, 3km, mb4.8/28, Error ellipse: s-maj=18.7km s-min=13.2km az=149.0, GCMT 13 18:24:24.6±0.1, 54:67S: 0:01±135:84W: 0.01, h17km, 1km, MW5.3/116, Moment Tensor Solution: s75, c115; s116, c186; Duration: 1s1 Moment tensor: Scale 10^17 Nm; Mw-0.17±0.02; Mw0.70±0.02; Mw0-0.53±0.02; Mw-0.09±0.04; Mw0.84±0.02; Mw0.02±0.04; Best double couple: M1.05000x10^17 NP1±198.00000°, 885.00000°, λ-179.00000°. NP2±108.00000°, 889.00000°, λ-5.00000°. Principal axes: T 1.1330, P195.0000°, Azm153.00000°, N -0.1690, Plg85.0000°, Azm280.00000°, P -0.9670, Plg4.00000°, Azm63.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 18:24:19.8±0.5, 54:55S: 0:1±136:29W: 0.08, h10km, n81, e109/47, mb4.7/21, MS4.6/25, Pacific-Antarctic Ridge

Main table for 536 with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like PTCN, SBA, VNA4, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BBOO Bucklebo, LPAZ La Paz, LPZAZ La Paz, AS31 Alice Springs, etc.

TUL 13 18:51:06:1.1, 36.28N:0.01:97.51W:0.02, h8km, 6km, ML3.2, mb_Lg3.2/70(NEIC), Error ellipse: s-maj=2.3km s-min=1.3km az=49.0

NEIC 13 18:51:06:0.1, 1.36, 28N:0.008:97.50W:0.02, h5km, 6km, Error ellipse: s-maj=2.7km s-min=0.4km az=66.0

ANF 18:51:06:0.3, 36.30N:97.52W, h8km, ML3.8/12, Error ellipse: s-maj=3.6km s-min=2.9km az=172.0

ISC 13 18:51:05:7.1, 2.36, 28N:0.03:97.50W:0.04, h4km, 5km, n84, c0:85/81, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK005 Luther M Schoo, OK000 Okdale Elemen, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MIAR Mount Ida, MIAR Mount Ida, M3AR Mount Ida, etc.

ISC 13 19:07:25:2.3, 6.35, 00N:26.47E, h0km, mb3.5/3, mb1 3.5/4, mb1mx3.4/34, mbmtmp3.4/4, ML3.7/1, Error ellipse: s-maj=92.6km s-min=31.1km az=1.0

ATH 13 19:07:27.7, 35.02N:26.47E, h45km, 2km, ML3.1/7, Error ellipse: s-maj=6.8km s-min=1.8km az=344.0

ISC 13 19:07:28.4, 35.09N:26.66E, h5km, ML3.3/16 DDA 13 19:07:36.0, 35.13N:26.87E, h36km, 999km, ML2.9

ISC 13 19:07:27.6, 1.4, 35.03N:0.07:26.65E:0.03, h9km, 9km, n44, c1:62/53, mb3.4/3, Crete

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

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

ISC 13 19:30:30.3, 1.6, 1.90N:126.18E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.6/39, mbmtmp3.8/5, ML3.3/1, Error ellipse: s-maj=110.3km s-min=21.5km az=67.0

NEIC 13 19:30:34.5, 1.8, 2.12N:0.09:126.44E:0.08, h48km, 8km, mb4.5/18, Error ellipse: s-maj=14.1km s-min=10.6km az=210.0

DJA 13 19:30:34.0, 0.3, 2.2N:4.12E, h10km, M3.8/11, mb3.8/3, ML3.3/8/11

ISC 13 19:30:35.3, 0.7, 2.00N:0.06:126.49E:0.07, h50km, n34, c1:192/32, mb4.3/11, Northern Malacca Sea

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

ISC 13 19:32:56.0, 0.8, 31.20S:71.70W, h0km, mb3.6/4, mb1 3.9/9, mb1mx3.8/31, mbmtmp3.7/9, ML3.9/5, MS3.2/1, Ms1 3.2/1, ms1mx2.7/30, Error ellipse: s-maj=37.2km s-min=19.3km az=92.0

GUC 13 19:33:01.3, 0.9, 31.17S:71.44W, h48km, 6km, ML4.3 NEIC 13 19:33:00.7, 1.6, 3.9700N: 11P2:16:165.5000, mb4.2/6, Mw4.1/20, ML4.3(GUC), Error ellipse: s-maj=7.0km s-min=3.7km az=87.0

NEIC 13 19:33:02.4, 3.1, 22S:71.61W, h49km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr: 0.8; Mth-0.06; Mth+0.02; Mth0.04; Mth0.06; Mtr: 1.76; Fault plane solution: ML2.1, 1.73, 0.48; NPF1: 165.5000; NPF2: 12.5000; NPF3: 97.0000; NPF4: 12.5000; NPF5: 11.0000; 1.97, 300000. Principal axes: T: 2.1736, P: 591.0000; Azm: 293.0000; N: -1.1339, Plg: 70.0000, Azm: 191.0000; P: -2.0397, Plg: 0.0000; Azm: 97.0000;

ISC 13 19:33:01.9, 0.8, 31.17S:0.03:71.58W:0.05, h42km, 8km, n81, c1:42/95, mb3.7/5, 4C-1D, Near coast of central Chile

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

NOU 13:20:12:42.8,31.86S:177.82W,h371km,MLV5.1/8, Kermadec Islands Region, Kermadec Islands region

ISC 13:20:16:42.6,1.3,50.91N:0.07:173.27W,0.04,h4km,7km, n461.1,r120/444,mb4.6/106,MS3.3/4.5C,Andreanof Islands

IMAR Indian Mountain 18.10 26 P Pn 20 20 53.7 -0.8
EYAK Cordova Ski Ar 18.12 47 P Pn 20 20 53.7 -1.1

IDC 13:20:13:11.9,0.9,55.49S:27.34W,h0km,mb4.0/5, mb1 4.1/6,mb1mx3.8/29,mbmp4.0/6,ML3.8/1,MS3.0/2, Ms1 3.0/2,ms1mx2.7/22,Error ellipse:s-maj=41.7km s-min=21.2km az=68.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Op Pn S

H21K Melozitna River 18.14 28 P Pn 20 20 54.6 -0.4
H21K Melozitna River 18.14 28 P Pn 20 20 54.4 -0.6

NEIC 13:20:13:17.3,1.4,55.6S:0.1:27.6W:0.2,h44km,6km, mb4.0/11,Error ellipse:s-maj=17.4km s-min=13.6km az=21.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Op Pn S

MCK McKinley 18.21 36 P pmax Pn 20 20 55.1 -0.9

ISC 13:20:13:12.9,0.8,55.6S:0.1:27.6W:0.1,h10km,n31, +r18126,mb4.3/6,South Sandwich Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC Op Pn S

MLY Manley 18.36 31 P Pn 20 20 57.5 -0.3

HOPE Hope Point 5.26 280 Op Pn 20 14 33.5 +2.0
HOPE Hope Point 5.26 280 Pn Pn 20 15 28.7 -3.4

ATKA Atka Island 1.42 336 Pn Pn 20 17 09.5 +0.5
ATKA Atka Island 1.42 336 Pn Pn 20 17 27.2 +0.5

KLU Klutina 18.39 44 P Pn 20 20 54.9 -1.1
KLU Klutina 18.39 44 P Pn 20 20 56.7 -1.5

MAW Mawson 40.70 144 P P 20 20 53.4 +0.4
MAW Mawson 40.70 144 P P 20 20 52.5 -0.5

AKUT Akutan 5.60 52 Pn Pn 20 18 06.0 -0.5
AKUT Akutan 5.60 52 Pn Pn 20 18 26.4 -1.4

I23K Minto, Yukon-K 18.89 32 P Iamb Iamb 20 21 02.5 -1.1
I23K Minto, Yukon-K 18.89 32 P Iamb Iamb 20 21 03.2 -0.4

VNDA Vanda 47.06 183 P P 20 21 44.7 +0.8
VNDA Vanda 47.06 183 P P 20 21 43.3 -0.7

CHIR Chirikof Island 11.62 58 Pn Pn 20 19 27.5 -1.6
CHIR Chirikof Island 11.62 58 Pn Pn 20 19 39.9 -2.8

SUCK Suckling Hills 18.91 50 P Pn 20 21 04.8 +0.3
SUCK Suckling Hills 18.91 50 P Pn 20 21 03.2 -2.0

PB11 IPOC Station P 47.61 301 Iamb Iamb 20 21 50.2 +1.1
H10N1 ASCENSION HYDR48.71 17 T T 21 14 44.4

CHGN Chignik 10.34 53 P Pn 20 19 10.8 -0.6
CHGN Chignik 10.34 53 P Pn 20 19 11.1 -0.4

HAARP Haarpey 19.08 42 P P 20 21 04.1 -1.6
CCB Bear Creek Bu 19.14 34 P P 20 21 04.3 -2.0

CASV Casey 54.75 161 P P 20 22 38.4 -1.5
TORD Torodj Ar. Bea 72.75 30 P P 20 24 40.9 -0.1

M19K Big River Lodg 15.11 36 P Pn 20 20 17.4 +0.9
M19K Big River Lodg 15.11 36 P Pn 20 20 15.5 -1.0

GLB Gilahina Butte 19.31 46 P Iamb Iamb 20 21 06.8 -1.6
GLB Gilahina Butte 19.31 46 P Iamb Iamb 20 21 06.7 -1.4

ASAR Alice Springs 99.55 163 P Pdif 20 26 57.2 +0.9
ZALV Zalesovo Beam 142.37 63 PKhPK PKPpre 20 32 38.5

L19K White Mountain 15.12 35 Pn Pn 20 20 17.3 +0.6
L19K White Mountain 15.12 35 Pn Pn 20 20 16.6 -0.1

CRQM Cirque 19.41 48 P P 20 21 08.7 -0.9
WAX Waxell Ridge 19.46 49 P Iamb Iamb 20 21 07.0 -2.9

ILAR Eielson Array 149.59 312 PKPbc PKPbc 20 33 01.2 +0.2
ILAR Eielson Array 149.59 312 PKPbc PKPbc 20 33 59.9 -1.1

BRSE Bratskoye Lake S 15.50 47 P Pn 20 20 21.3 -0.4
SPU Mount Spurr 15.61 41 P Pn 20 20 22.3 -0.9

PAX Paxon 19.19 40 P P 20 21 05.3 -1.8
PAX Paxon 19.19 40 P P 20 21 05.2 -1.9

URZ Urewera 4.06 198 P Pn 20 14 33.1 -0.8
URZ Urewera 4.06 198 Pn Pn 20 15 29.2 +1.8

K20K Telida 16.16 32 P Pn 20 20 29.7 -0.6
K20K Telida 16.16 32 P Pn 20 20 29.8 -0.4

IL31 Ilse 19.53 35 P Pn 20 21 08.8 -1.9
ILAR Eielson Array 19.53 35 P Pn 20 21 07.0 -0.0

MXZ Matakoqa Point 3.17 186 P Pn 20 14 22.2 -2.2
MXZ Matakoqa Point 3.17 186 Pn Pn 20 15 07.9 -2.4

SEW Seward 16.25 46 Pn Pn 20 20 28.7 -2.5
SEW Seward 16.25 46 Pn Pn 20 20 31.1 -0.1

ISLE Juniper Island 19.74 49 P Iamb Iamb 20 21 12.4 -0.8
ISLE Juniper Island 19.74 49 P Iamb Iamb 20 21 26.6

WRA Warramunga Arr 41.72 278 P P 20 20 46.1 -1.4
QSPA South Pole Qui 55.71 180 P P 20 22 35.2 +2.4

RC01 Rabbit Creek A 16.55 43 Pn Iamb Iamb 20 20 33.6 -1.6
RC01 Rabbit Creek A 16.55 43 Pn Iamb Iamb 20 20 53.1

M27K Edge Creek, AK 20.48 44 P P 20 21 18.7 -2.5
M27K Edge Creek, AK 20.48 44 P P 20 21 15.1 +0.3

IDC 13:20:16:42.7,0.7,50.99N:173.28W,h0km,mb4.3/23, mb1 4.5/25,mb1mx4.3/57,mbmp4.3/25,ML3.9/2,MS3.3/3, Ms1 3.3/3,ms1mx2.9/32,Error ellipse:s-maj=22.5km s-min=11.1km az=1.0

ATKA Atka Island 1.42 336 Pn Pn 20 17 09.5 +0.5
ATKA Atka Island 1.42 336 Pn Pn 20 17 27.2 +0.5

YUK3 Moose Creek 20.94 46 P P 20 21 25.7 -0.5
BVCY Beaver Creek 20.95 44 P P 20 21 26.4 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRVK Borovoye, N59A State Game Lan, BLA Blacksburg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIF Kilpisjarvi, HET Hehta, ERFU Ertsjaerv, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHH Hachiojima 2, JCH Chichijima, MJAR Matsushiro Arr, etc.

IDC 13 20:16:52.6:6.8,50.90N:172.90W, h0km, mb4.2/7, mb1 4.4/9, mb1mx4.0/57, mbtmp4.3/9, ML4.0/2, MS3.2/1, MS1 3.2/1, ms1mx2.7/32, Error ellipse: s-maj=157.8km, s-min=26.6km, az=107.0

IDC 13 20:26:29.6:2.3,56.37S:142.26W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/24, mbtmp3.8/4, Error ellipse: s-maj=81.8km, s-min=29.2km, az=32.0

IDC 13 20:26:31.1:2.2,56.55S:142.2W, h0.3, h10km, n12, s=1f02.9, mb3.9/4, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDAK Kodiak Island, PETK Petropavlovsk, MA2 Magadan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, PMSA Palmer Station, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMLC San Martin de, SMLC SMLC, GSPC Guyana, Caidas, etc.

NAO 13 20:19:46.8:1.1, 67.86N:20:53E, ML2.2 IDC 13 20:19:47.5:1.5, 67.86N:20:60E, h0km, mb1 2.9/3, mb1mx2.8/43, mbtmp2.7/3, ML2.0/3, Error ellipse: s-maj=19.7km, s-min=7.9km, az=118.0

IDC 13 21:32:36.2:2.2, 6.12S:130.22E, h0km, mb3.6/1, mb1 3.7/4, mb1mx3.5/32, mbtmp3.5/4, ML3.6/3, MS3.7/1, MS1 3.7/1, ms1mx2.5/38, Error ellipse: s-maj=95.2km, s-min=27.9km, az=77.0

SJA 13 22:21:47.0:31.80S:72.40W, h10km, ML4.4 GUC 13 22:21:49.7:0.9, 31.84S:71.93W, h28km, 6km, ML3.5 IDC 13 22:21:46.0:2.4, 31.84S:073.72W, h0.08, h7km, n16km, n41, i1981/1, BC-2D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NAO 13 20:19:46.8:1.1, 67.86N:20:53E, ML2.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA06 Catapilco, CO06 Fray Jorge, VA01 Torpederas, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MTAU, ODBI, VARL, ALU, ALUSHTA, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like GRF, GRFO, GRFO, GRFO, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like IDC, PMG, PMG, PMG, etc.

UPP 13 23:28:49.0, 1.0, 6.7, 85N:20.21E, h0km, ML2.4, Explosion
HEL 13 23:28:50.4, 0.1, 6.7, 84N:20.23E, h0km, ML2.1,
ML2.4(UPP), Explosion
IDC 13 23:28:51.1, 1.3, 6.7, 81N:20.80E, h0km, mb1 2.8/3,
mb1mx2.7/49, mbtmp3.6, ML1.8/3, Error ellipse:

s-maj=19.6km s-min=7.7km az=116.0
ISC 13 23:28:50.0, 8.6733N, 0.03:20.24E:0.02, h0km, n36,
+096°53, Sweden

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

ISC 13 23:29:23.3, 4.3134S, -177.13W, h0km, mb3.6/2,
mb1 3.9/3, mb1mx3.6/31, mbtmp3.7/3, ML4.2/1, Error
ellipse: s-maj=70.0km s-min=34.1km az=99.0,
Kermadec Islands region

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

ISC 13 23:41:12.9, 0.9, 28°02'N, 104°96'E, h0km, mb3.8/8,
mb1 4.0/10, mb1mx3.8/37, mbtmp3.8/10, ML4.0, 0.2, MS2.9/1,
Ms1 3.1/1, ms1mx2.5/34, Error ellipse: s-maj=26.4km
s-min=17.7km az=65.0

NEIC 13 23:41:24.4, 2.6, 29°37'N, 105°05'E, 0.1, h10km, 2km,
mb4.0/4, ML4.0(BUJ), Error ellipse: s-maj=21.9km
s-min=12.8km az=263.0

ISC 13 23:41:14.6, 0.7, 28°01'N, 104°81'E, 0.08, h10km, n34,
+6207/31, mb3.9/10, Sichuan

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

Table with columns: NIL, Nilore, 27.61 290, P, I/Amb, P, I/Amb. Lists stations like ZALV, ABKAR, WRA, etc.

NNC 13 23:48:37.0, 3.7, 36°94'N, 70°46'E, h204km, 77km, mb2.5,
mpv3.9, Error ellipse: s-maj=40.7km s-min=25.8km
az=12.0

IDC 13 23:48:40.7, 6.8, 37°10'N, 70°66'E, h251km, 43km, mb3.1/2,
mb1 3.1/6, mb1mx2.8/31, mbtmp3.7/6, Error ellipse:
s-maj=80.5km s-min=32.1km az=161.0

ISC 13 23:48:33.2, 1.0, 36°66'N, 70°66'E, 0.1, h200km, n21,
+6111/25, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists stations like KK31, AAK, AAK, etc.

NNC 13 23:49:59.1, 4.0, 36°79'N, 70°60'E, h153km, 60km, mb3.1,
mpv3.9, 1D, Error ellipse: s-maj=35.3km s-min=19.6km
az=177.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists stations like KK31, AAK, MK31, etc.

DMN 13 23:53:35.5, 3.0, 25°57'N, 88°86'E, h10km, Mb4.5/3, Error
ellipse: s-maj=67.6km s-min=18.6km az=117.0,
India-Bangladesh border region

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

IDC 13 23:58:51.9, 4.0, 23°01'N, 142°61'E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.4/35, mbtmp3.7/3, MS3.0/1, Ms1 3.0/1,
K1mx2.4/30, Error ellipse: s-maj=267.4km
s-min=32.6km az=86.0, Volcano Islands region

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

NNC 13 23:59:33.6, 6.6, 36°91'N, 70°68'E, h0km, mb3.9, mpv3.5,
3C-2D, Error ellipse: s-maj=75.6km s-min=48.6km
az=130.0, Hindu Kush region

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

Table with columns: AAK, 1.5nm, 0.6s, fS, S, Sn, 00 02 27.0 +3.1. Lists stations like ULHL, TKM2, etc.

ISK 13 23:59:50.9, 37°99'N, 42°93'E, h8km, ML2.8/9
DDA 13 23:59:51.3, 37°94'N, 42°97'E, h7km, 2km, ML2.6
ISC 13 23:59:51.0, 1.2, 38°02'N, 104°43'00E:0.03, h8km, n12km,
n19, +0717/29, Turkey

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

DJA 14 00:02:03.0, 3.2, S2°10'0"E, h10km, M4.0/10,
ML4.0/10
IDC 14 00:02:05.3, 1.1, 2°29'S, 100°16'E, h39km, 5km, mb3.7/10,
mb1 3.9/11, mb1mx3.6/34, mbtmp3.9/11, ML3.2/1, MS3.2/4,
Ms1 3.3/4, ms1mx2.9/37, Error ellipse: s-maj=52.8km
s-min=13.3km az=54.0

NEIC 14 00:02:05.1, 0.9, 2°54'S, 100°07'99"E, 0.2, h39km, 7km,
mb4.2/7, Error ellipse: s-maj=25.0km s-min=3.0km
az=67.0

ISC 14 00:02:05.4, 0.5, 2°39'S, 100°06'99"E, 0.08, h50km, n48,
+6156/44, mb4.2/13, MS3.0/3, Southern Sumatara

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

HRZ	Handcock Road	2.29 337	P	Pn	01 10 09.3	-0.1
TWGZ	Tauwhareparae	2.35 10	P	Pn	01 10 10.4	+0.1
KUTZ	Kaahu Road	2.36 328	P	Pn	01 10 10.4	0.0
HSRZ	Hossack Road	2.37 337	P	Pn	01 10 10.5	0.0
TARZ	Mount Tarawera	2.37 342	P	Pn	01 10 10.5	0.0
GRZ	Galatos Road	2.38 334	P	Pn	01 10 10.6	+0.1
HLRZ	Highlands Stat	2.39 339	P	Pn	01 10 11.1	+0.2
EDRZ	Edgcombe	2.40 337	P	Pn	01 10 11.6	0.0
MKRZ	Makaiti	2.47 342	P	Pn	01 10 12.3	+0.3
VRZ	Vera Road	2.48 303	P	Pn	01 10 12.3	+0.3
PUZ	Puketiti	2.50 115	P	Pn	01 10 11.8	-0.5
OPRZ	Tory Channel	2.52 322	P	Pw	01 10 14.5	+0.1
OMRZ	Omania	2.53 341	P	Pn	01 10 12.2	-0.5
RUGZ	Raukumarua Rang	2.53 4	P	Pn	01 10 12.4	-0.5
LREZ	Lake Rotokare	2.55 293	P	Pn	01 10 14.4	+1.4
MARZ	Manawhau	2.58 346	P	Pn	01 10 13.3	0.0
NGRZ	Ngongotaha	2.59 334	P	Pn	01 10 13.9	+0.4
TLZ	Tolley Road	2.62 325	P	Pn	01 10 13.3	-0.4
KARZ	Kaharoa	2.64 339	P	Pn	01 10 13.8	-0.5
PKGZ	Pakihoro	2.65 11	P	Pn	01 10 14.2	-0.2
WHRZ	Whale Island	2.66 352	P	Pn	01 10 14.2	-0.3
DURZ	D'Urville Isla	2.69 295	P	Pn	01 10 15.0	0.0
OPRZ	Ohinepaea	2.74 345	P	Pn	01 10 14.6	-0.9
CMWZ	Cape Campbell	2.74 242	P	Pb	01 10 20.1	-1.8
HMZ	Te Kaha	2.75 6	P	Pn	01 10 15.4	-0.3
PRZ	Palmer Road	2.77 293	P	Pn	01 10 17.8	+1.7
WMEZ	Waioamatini S	2.78 16	P	Pn	01 10 15.7	-0.4
MHEZ	Mangahewa	2.79 334	P	Pn	01 10 17.4	+1.2
TUWZ	Tuamariua	2.81 349	P	Pn	01 10 15.9	-0.7
HIZ	Hauti	2.81 314	P	Pn	01 10 16.5	-0.1
DREZ	Durham Road	2.81 297	P	Pn	01 10 18.0	+1.4
NEZ	North Egmont	2.85 294	P	Pn	01 10 18.6	+1.4
KMRZ	Kaimai	2.89 336	P	Pn	01 10 17.2	-0.5
AMCZ	Amuri Hut	2.91 341	P	Pn	01 10 14.9	+1.5
TGRZ	Tauranga	2.91 341	P	Pn	01 10 17.1	-0.9
NMEZ	Namu Road	2.94 290	P	Pn	01 10 20.2	+1.8
BSWZ	Blackbirch Sta	2.96 245	P	Pn	01 10 18.1	-0.4
PKZ	Pukeiti	2.96 295	P	Pn	01 10 20.1	+1.5
MKE	Makataoa Point	3.01 13	P	Pn	01 10 19.0	-0.3
TOZ	Tahurangi	3.10 333	P	Pn	01 10 23.9	-0.4
NNZ	Nelson	3.16 256	P	Pn	01 10 21.2	-0.2
MYRZ	Mayor Island	3.34 343	P	Pn	01 10 23.3	-0.6
KHZ	Kahutara	3.50 236	P	Pn	01 10 25.4	-0.7
QRZ	Quartz Range	3.75 263	P	Pn	01 10 28.9	-0.6
MKAZ	Moumakai	3.83 332	P	Pn	01 10 30.5	0.0
KUZ	Kuaitutu	4.05 330	P	Pn	01 10 32.5	-0.1
ETAZ	East Tamaki Re	4.05 330	P	Pn	01 10 33.7	+0.1
AWAZ	Awhitu Peninsula	4.07 327	P	Pn	01 10 34.1	+0.3
WIAZ	Waiheke Island	4.12 333	0	Pn	01 10 34.5	0.0
GVZ	Greta Valley S	4.12 332	P	Pn	01 10 35.0	+0.5
WIAZ	Waiaitapu	4.21 327	P	Pn	01 10 36.2	+0.5
HBZ	Herne Bay Bore	4.21 329	P	Pn	01 10 35.0	0.0
MBAZ	Motutapu North	4.22 331	P	Pn	01 10 36.4	+0.5
RVZ	Riverhead Bore	4.34 328	P	Pn	01 10 38.3	+0.7
ABAZ	Army Bay	4.39 331	P	Pn	01 10 38.8	+0.5
DSZ	Denimston Nort	4.44 252	P	Pn	01 10 37.9	-1.0
AMCZ	Amberley	4.47 232	P	Pn	01 10 40.9	+1.5
LTZ	Lake Taylor	4.50 238	P	Pn	01 10 40.9	+1.1
GRZ	Great Barrier	4.52 339	P	Pn	01 10 39.8	-0.2
OKCZ	Okains Bay	4.58 224	P	Pn	01 10 40.0	0.0
AKCZ	Akaroa Harbour	4.76 223	P	Pn	01 10 43.6	+0.1
MOZ	McQueen's Vall	4.79 226	P	Pn	01 10 42.8	-0.9
OXZ	Oxford	4.82 240	P	Pn	01 10 46.3	+0.7
INZ	Inchbonnie	5.02 242	P	Pn	01 10 46.2	-0.7
RACZ	Rakaia	5.09 229	P	Pn	01 10 48.6	+0.6
WCZ	Waipi Caves	5.16 331	P	Pn	01 10 49.5	+0.6
MHCZ	Mount Hutt	5.32 233	P	Pn	01 10 49.3	-1.8
WACZ	Wakatu South	5.48 239	P	Pn	01 10 52.4	+0.5
CTZ	Chatham Island	5.48 128	P	Pn	01 10 57.2	+4.1
WVZ	Waitha Valley	5.63 241	P	Pn	01 10 56.3	+0.9
RPZ	Rata Peaks	5.74 234	P	Pn	01 10 56.9	+0.1
ARCZ	Arundel	5.79 231	P	Pn	01 10 57.7	+0.2
GSZ	Gaunt Creek Bo	6.01 229	P	Pn	01 10 57.2	+2.2
OUZ	Omahuta	6.14 229	P	Pn	01 10 57.1	+0.6
TMZ	Timaru	6.14 229	P	Pn	01 10 57.1	+0.6
FOZ	Fox Glacier	6.44 239	P	Pn	01 11 06.4	+0.1
LBZ	Lake Benmore	6.63 232	P	Pn	01 11 09.6	+0.6
ODZ	Otauhu Downs	6.76 225	P	Pn	01 11 11.1	+0.4
JCZ	Jackson Bay	7.34 238	P	Pn	01 11 18.6	-0.9
MHZ	High Hill	7.11 203	P	Pn	01 11 20.3	+1.5
EAZ	Earnsclough	7.62 229	P	Pn	01 11 23.4	+0.8
SYZ	Scrubby Hill	8.53 222	P	Pn	01 11 37.5	+2.4
ASAR	Alice Springs	40.09 281	P	Pn	01 17 05.7	-0.9

GEYT	Alibek	10.52 281	P	Pn	01 16 53.6	+0.9
GEYT	Alibek	12.98 25	S	S	01 18 54.3	+3.8
MAKZ	Makani	13.07 127	eP	Pn	01 17 23.8	-0.3
PIYU	Piuthan	15m,0.3s	P	Pn	01 17 25.1	-0.4
MK31	Makanchi Array	13.12 36	Pn	Pn	01 17 26.1	+0.4
MKAR	Makanchi Array	13.12 36	Pn	Pn	01 17 25.3	-0.4
MKAR	Makanchi Array	13.12 36	Pn	Pn	01 17 27.9	+2.2
DANN	Dangsing	13.41 124	eP	Pn	01 17 29.5	-0.2
KOLN	Koldanda	13.69 126	eP	Pn	01 17 33.7	+0.5
GKN	Gorkha	14.22 123	eP	Pn	01 17 39.4	-0.3
WMQ	Ururupi	14.51 55	eP	Pn	01 17 44.1	+1.1
WMQ	comp=Z,20m,0.7s		Pmax	Pmax		
KKN	Kakani	14.79 122	eP	Pn	01 17 46.2	-0.6
KURBB	Kurchatov Arra	14.98 18	P	Pn	01 17 47.6	-1.0
PKI	Pulchoki	15.01 123	eP	Pn	01 17 49.0	-0.5
PKI	Pulchoki	15.02 123	eP	Pn	01 17 50.0	+0.3
AB31	Akbulak array	15.08 331	P	Pn	01 17 51.1	+1.3
ABKAR	Akbulak array	15.08 331	P	Pn	01 17 50.2	+0.4
GUIN	Gumba	15.12 121	eP	Pn	01 17 50.2	-0.8
RAMN	Ramite	16.23 122	eP	P	01 18 03.5	-0.1
BVAR	Borovoye Array	16.44 358	P	Pn	01 18 07.7	+1.5
AKTO	Aktyubinsk	16.78 330	P	P	01 18 09.8	+0.6
AKTO	Aktyubinsk	16.78 330	P	P	01 18 09.7	+0.6
ODAN	Odare	16.83 121	eP	P	01 18 11.3	+1.1
ZALV	Zalesovo Beam	19.76 24	P	P	01 18 40.8	-0.6
ZALV	Zalesovo Beam	19.76 24	P	P	01 18 41.2	-0.3
HHC	Hu-ho-hao-te	31.58 70	eP	Pmax	01 20 31.5	+0.8
HHC	comp=Z,19m,0.6s		Pmax	Pmax		
ELL	Elmail	32.94 283	P	P	01 20 42.5	-0.1
FINES	FINESS Array B	37.50 326	P	P	01 21 20.4	-0.5
FINES	FINESS Array B	37.50 326	P	P	01 21 20.3	-0.7
ARCES	ARCCESS Array B	41.12 337	P	P	01 21 50.4	-0.4
ARCES	ARCCESS Array B	41.12 337	P	P	01 21 50.8	0.0
SGRT	San Giovanni R	42.67 295	P	P	01 22 01.7	-2.2
NB201	NORSAR Array S	44.47 323	P	Iamb	01 22 29.2	
NB201	NORSAR Array S	44.47 323	P	Iamb	01 22 17.0	-0.3
NB2	NORSAR Subarra	44.40 323	P	P	01 22 16.4	-0.9
NOA	NORSAR Array B	44.40 323	P	P	01 22 16.5	-0.8
NC204	NORSAR Array S	44.64 323	P	Iamb	01 22 18.6	-0.7
SENIN	Las Lenin/Sane	47.67 303	P	P	01 22 42.2	-1.0
TORD	Torodi Ar. Bea	65.88 269	P	P	01 24 47.8	-3.6
WRA	Warramunga Arr	81.90 122	P	P	01 26 21.3	-2.8

SESP	Santiago Espad	6.38 298	P	Pn	01 46 02.7	+0.9
SESP	Santiago Espad	6.38 298	P	Pn	01 47 12.6	-1.2
EMOS	Emos	6.44 323	P	Sn	01 46 04.3	-1.7
EMOS	Emos	6.44 323	P	Sn	01 47 13.7	-1.7
ERTA	Horta de San J	6.56 331	S	Sn	01 47 17.2	-0.9
EPOB	Poblet	6.63 336	P	Pn	01 46 07.5	+2.4
EPOB	Poblet	6.63 336	P	Pn	01 47 19.7	-0.3
EQES	Eques	6.65 294	P	Pn	01 46 06.2	+0.8
CFON	Fontmartina	6.66 346	P	S	01 46 08.4	+2.9
CFON	Fontmartina	6.66 346	P	S	01 47 21.9	+1.3
ELGU	El Guajales	6.83 286	P	Pn	01 46 07.5	-0.3
EMIR	Miracle	7.02 341	P	Pn	01 46 13.0	+2.6
EMIR	Miracle	7.02 341	P	Pn	01 47 26.7	-2.7
EJON	La Jonquera	7.25 350	P	Pn	01 46 17.3	+3.7
EJON	La Jonquera	7.25 350	P	Pn	01 47 35.5	+0.4
EGOR	Gina Sordá	7.26 287	P	Pn	01 46 15.1	+1.3
CLLI	Llivia	7.44 345	P	Pn	01 46 20.0	+3.6
CLLI	Llivia	7.44 345	P	Pn	01 47 40.4	+0.4
CSOR	Sort	7.55 340	P	Pn	01 46 21.1	+3.3
CSOR	Sort	7.55 340	P	Pn	01 47 43.0	+0.4
ETOR	Torete	7.59 318	P	Pn	01 46 21.6	+3.2
ETOR	Torete	7.59 318	P	Pn	01 47 41.2	-2.5
EADA	Adanuz	7.89 294	P	Pn	01 46 21.9	-0.5
EADA	Adanuz	7.89 294	P	Pn	01 47 54.0	+3.1
PGF	Pioggiola	8.00 24	ePn	Pn	01 46 25.2	+1.2
PGF	Pioggiola	8.00 24	ePn	Pn	01 47 51.4	-2.3
MDT	Midelt	8.03 255	P	Pn	01 46 25.0	+9.9
ESDC	Sonsec Array	8.07 305	Pn	Pn	01 46 29.0	+4.2
ESDC	Sonsec Array	8.07 305	Pn	Pn	01 46 27.1	+2.2
ECHI	Chisagoes Biel	8.10 336	S	S	01 47 56.0	-0.2
MD31	MD31	8.13 255	P	Pn	01 46 25.2	-0.5
LMR	La Moure	8.15 10	ePn	Pn	01 46 27.3	+1.4
LMR	La Moure	8.15 10	ePn	Pn	01 47 55.4	-1.8
LMR	La Moure	8.15 10	P	Pn	01 46 27.3	+1.4
MTLF	Montlieu	8.23 348	ePn	Pn	01 46 28.7	+1.7
MTLF	Montlieu	8.23 348	ePn	Pn	01 47 57.9	-1.2
MTLF	Montlieu	8.23 348	P	Pn	01 47 57.9	-1.2
PAB	Parabio	8.27 303	P	Pn	01 46 28.2	+0.5
EPF	Esparrós	8.38 338	ePn	Pn	01 46 31.0	+1.8
EPF	Esparrós	8.38 338	ePn	Pn	01 48 01.7	-1.3
FRF	La Foret Royat	8.39 10	ePn	Pn	01 46 30.5	+1.3
FRF	La Foret Royat	8.39 10	ePn	Pn	01 48 10.6	-1.5
FRF	La Foret Royat	8.39 10	P	Pn	01 46 30.5	+1.3
FRF	La Foret Royat	8.39 10	P	Pn	01 48 01.6	-1.5
ECAB	Ei Cabril	8.50 292	P	Pn	01 46 29.5	-1.2
ETSF	Etsaut	8.57 334	ePn	Pn	01 46 34.4	+2.7
ETSF	Etsaut	8.57 334	ePn	Pn	01 48 06.0	-1.6
SMRF	Simiane la Rot	8.69 5	ePn	Pn	01 46 34.9	+1.6
SMRF	Simiane la Rot	8.69 5	ePn	Pn	01 48 08.6	-1.9
SMRF	Simiane la Rot	8.69 5	P	Pn	01 46 34.9	+1.6
SMRF	Simiane la Rot	8.69 5	P	Pn	01 48 08.6	-1.9
LASF	Ste Croix	8.77 357	ePn	Pn	01 46 36.1	+1.6
LASF	Ste Croix	8.77 357	ePn	Pn	01 48 10.9	-1.6
LASF	Ste Croix	8.77 357	P	Pn	01 46 36.1	+1.6
LASF	Ste Croix	8.77 357	P	Pn	01 48 10.9	-1.6
SBF	Sospel	8.82 14	ePn	Pn	01 46 36.4	+1.2

14d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include Nonsavu, Ureweira, Warramunga Arr, Alice Springs, Mina Array Bea.

MDD 14 02:41:42.8:1.1, 36:58N:9.79W, h40km, mbLg2.5/19, Error ellipse: s-maj=9.7km s-min=6.9km az=39.0, PPRXIMO CNRM 14 02:41:43.5:1.0, 36:43N:9.51W, h49km, m12.7, INMG 14 02:41:43.7:1.0, 36:57N:9.76W, h31km, MD2.4, ML2.5, Error ellipse: s-maj=3.1km s-min=1.9km az=79.0

IGIL 14 02:41:44.4, 36:56N:9.75W, h31km, ML2.6 ISC 14 02:41:41.1:1.5, 36:56N:0.04:9.72W:0.06, h35km, n96, c180/183, 3C-6D, West of Gibraltar

Main table for 14d 2h section, listing station codes (PFVI, MORF, PTEO, etc.), station names (Vila Bisbo, Marneleite, Sao Teotonio, etc.), and their respective coordinates and phases.

2015 OCT

Main table for 2015 OCT section, listing station codes (PMRV, SMIR, CASMIL, etc.), station names (Marv??o, Smir Dm, Casmilo, Conde, etc.), and their respective coordinates and phases.

548

Main table for 548 section, listing station codes (EARI, EMOS, BUJ, NEIC, etc.), station names (Arriondas, Mosquera, etc.), and their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NORC, ORTE, SPBC, PAMC, LPAZ, etc.

ANF 14 03:07:05.2, 1.4, 47.932N, 0.004, 121.57W, 0.02, h4km, 6km, ML2, 9/11, ML2, 6/52(NEIC), Error ellipse: s-maj=2.1km, s-min=0.6km, az=84.1

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

NEIC 14 03:07:05.2, 1.6, 47.93N, 0.01, 121.58W, 0.02, h8km, 6km, Error ellipse: s-maj=1.8km, s-min=1.5km, az=206.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRW, ELW, B05A, etc.

ISC 14 03:07:05.4, 0.9, 47.92N, 0.02, 121.58W, 0.02, h11km, 7km, n138, 0.076/153, Washington

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like B05A, CDMR, RATT, etc.

NEIC 14 03:11:26.1, 0.7, 13.4N, 0.1, 145.90E, 0.09, h36km, 5km, mb4.5/13, Error ellipse: s-maj=19.3km, s-min=11.4km

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

ISC 14 03:11:26.2, 0.7, 13.3N, 0.1, 145.85E, 0.09, h43km, n46, 0.064/44, mb4.4/23, MS3.1/5, Mariana Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like D04E, D04E, D04E, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like B04A, GLK, SNB, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like B201, WISH, WISH, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JLK, B203, B203, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E03A, E03A, LVP, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like F04A, F04A, F04A, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H02A, H02A, H02A, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E09A, E09A, NEW, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G08A, G08A, H04A, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like F10A, F10A, I07A, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

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

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CO06, CO06, CO06, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LCO, LCO, VA06, etc.

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

ISC 14 03:58:36.0, 0.7, 59.52S, 18.02W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS3.1/4

FUNV 14 04:54:06.4, 10.08N:69.96W, h5km, MW3.4

ISC 14 05:04:06.1-1.2, 10.07N:0.03:69.91W:0.03, h10km±11km, n35, e128/51, Venezuela

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Siquisique, Dabajuro, Santo Domingo, Macapao, Jacura, etc.

NOU 14 05:05:00.4, 16.93S:168.07E, h7km, MLV5.0/15, Vanuatu Islands

IDC 14 05:05:04.8-1.4, 17.28S:167.39E, h0km, mb3.8/7, mb1.4/0.8, mb1mx3.8/27, mbtmp3.8/6, ML3.9/1, MS3.0/3, Ms1.3/0.3, ms1mx2.8/37, Error ellipse: s-maj=39.5km s-min=23.4km az=129.0

ISC 14 05:05:00.3-1.3, 16.96S:0.07:168.0E:0.1, h10km, n20, e164/16, mb3.8/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Devils Point, Rentapao, SAROUTOU, etc.

IDC 14 05:16:20.0-1.2, 15.02S:174.70W, h178km, 12km, mb3.5/9, mb1.3/1.1, mb1mx3.6/26, mbtmp4.0/11, MS3.3/1, Ms1.3/0.3, ms1mx2.9/26, Error ellipse: s-maj=24.6km s-min=12.6km az=145.0

NOU 14 05:16:49.0, 14.25S:173.22W, h44km, MLV3.7/4, Samoa Islands Region

ISC 14 05:16:17.3-0.7, 15.05S:0.2:175.0W:0.1, h150km, n14, e193/16, mb3.6/9, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Afiamalo, Warramunga Arr, WRA, etc.

NOU 14 05:29:59.3, 41.95S:173.20E, h6km, MLV3.6/6, South Island, New Zealand

WEL 14 05:29:58.7, 0.3, 42.9S:177.3E, h33km, 5km, M3.3/21, ML3.5/21, MLV3.2/21, Error ellipse: s-maj=0.0km s-min=0.0km az=122.6, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Tophouse, Kahutara, Blackbirch Sta, Greta Valley S, etc.

TAP 14 05:42:25.5, 24.12N:121.55E, h14km, ML1.8, 1D, B, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Chiawan, Nianganchiao, Fush Village, etc.

KRSC 14 05:43:06.0-0.1, 48.69N:157.00E, h38km, 24km, ML6.1

IDC 14 05:43:06.0-0.4, 48.97N:156.13E, h0km, mb5.2/38, mb1.5/34.7, mb1mx5.3/33, mbtmp5.3/47, ML5.2/7, MS6.1/35, Ms1.6/1.35, ms1mx5.9/42, Error ellipse: s-maj=9.0km s-min=7.5km az=146.0

MOS 14 05:43:06.6-1.0, 48.80N:156.65E, h53km, mb5.8/82, MS6.2/51, Error ellipse: s-maj=5.8km s-min=2.7km az=80.9 Broadband fault plane solution: P waves. Mw=4.000x1018 NP1:0.287, 0.0000, 0.11, 0.0000, 1.146, 0.0000, NP2:0.50, 0.0000, 0.84, 0.0000, 1.81, 0.0000, Principal axes: T P1650.0000, Azm310.0000, N P169.0000, Azm51.0000, P P163.0000, Azm149.0000, MOS Mw=4.0E18 m, Mw 6.4 (KIV) Fault plane solution: P-wave C70, D13, Felt (I) at Severo-Kuril'sk, SKHL 14 05:43:08.0-0.2, 48.70N:156.70E, h53km, 4km, mb5.9/17, mbv6.4/8, ms6.3/12, msh5.7/3

NEIC 14 05:43:08.3-2.7, 48.86N:0.07:156.2E:0.1, h12km, 1km, mbv6.6/10, Ms 20.5/9.415, Mw6.5/9.124, Mw6.0, Mw6.0(GCMT), Error ellipse: s-maj=13.2km s-min=10.1km az=135.0

NEIC 14 05:43:08.1, 48.86N:156.23E, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=4.9; Mw=1.48; Ms=4.01; Mw=3.7; Mw=1.75; Mw=6.04; Fault plane solution: Mw=6000x1017, 0.75, 0.0000, 1.819, 0.0000, Azm33.0000, NP2:0.35, 85000, 0.70, 35000, 1.90, 13000, Principal axes: T 9.0181, Plg65.0000, Azm360.0000, N 1.2128, Plg0.0000, Azm216.0000, P -10.2309, Plg25.0000, Azm126.0000, NEIC 14 05:43:14.4, 48.81N:156.58E, h13km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.89; Mw=0.38; Ms=0.51; Mw=0.62; Mw=0.45; Mw=0.87; Fault plane solution: Mw=1.4000x1018, NP1:0.225, 0.0000, 0.820, 0.0000, Azm303.0000, N 0.0861, Plg0.0000, Azm379.0000, P -1.4028, Plg20.0000, Azm129.0000, NEIC 14 05:43:14.4, 48.58N:156.54E, h12km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.89; Mw=0.38; Ms=0.51; Mw=0.62; Mw=0.45; Mw=0.87; Fault plane solution: Mw=1.4000x1018, NP1:0.225, 0.0000, 0.820, 0.0000, Azm303.0000, N 0.0861, Plg0.0000, Azm379.0000, P -1.4028, Plg20.0000, Azm129.0000, GCMT 14 05:43:14.3-0.1, 48.83N:156.54E, h14km, Mw6.0/164, Moment Tensor Solution. s150, c331, s164, c66, Mr=1.04; Mw=0.44; Ms=0.44; Mw=0.59; 0.1; Mw=0.27; 0.1; Mw=0.59; 0.1; Mw=0.39; 0.1; Best double couple: Mw=1.7500x1018, NP1:0.224, 0.0000, 0.833, 0.0000, 1.95, 0.0000, NP2:0.35, 82000, 0.857, 0.0000, 1.87, 0.0000, Principal axes: T 1.1410, Plg78.0000, Azm298.0000, N 0.0700, Plg3.0000, Azm40.0000, P -1.2090, Plg12.0000, Azm131.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

BGR 14 05:43:22.9-9.0, 50.57N:155.26E, h33km, mb6.0, mb2.8/6.4, Ms6.4

ISC 14 05:43:08.0, 48.87N:0.03:156.41E:0.03, h17km, 1km, h18km:pp-P, n2093, r191/1889, ms6.5/659, MS6.0/321, 316C-80D, Fault plane solution: NP1:0.233, 849898, 0.844, 2347.01, Azm5.1587, NP2:0.80, 129477, 0.848, 88113, 1.107, 98998, Principal axes: T Plg76.3277, Azm57.6383, N Plg13.4544, Azm2.0000, P Plg2.3867, Azm157.5038, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Severo-Kuril's, SAROUTOU, etc.

PAU 14 05:42:25.5, 24.12N:121.55E, h14km, ML1.8, 1D, B, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Chiawan, Nianganchiao, Fush Village, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like IRK Irkutsk, NJ2 Nanjing, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GLOB, L26K Log Cabin Wild, BERG Berg Lake, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ENH Enshi, LZH Lanzhou, JIS Jis, and various other locations.

14d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Milestii Mici, Brod Lad, Koprak, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like GURO Gyromak-BITLI, CLGH Cloghos, CUSHEN, etc.

560

Table with columns for station name, frequency, power, and other technical details. Includes stations like MIAR Mount Ida, MIAR Mount Ida, GREP Cluj-Babes-Bol, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SULR, FOEL, BUD, BUD, BANOM, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like UOSS, Minazif, Waverly, WVT, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like AFSR, MCWV, MCWV, SSSA, etc.

Table with columns: STAL, STALIGIAL, 80.11 335, Iamb, Iamb, 05 55 32.1, etc. Lists various stations and their frequencies.

Table with columns: HCY, Herceg Novi, 81.82 330, eP, P, 05 55 26.3 +0.1, etc. Lists various stations and their frequencies.

Table with columns: KEF3, Kipouria, Keph, 84.95 327, P, P, 05 55 41.1 -1.2, etc. Lists various stations and their frequencies.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SALV, PEXB, QSPA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KUR, YUK, YSS, etc.

BUI 14 05:49:38.4,0.0,49.00N-156.43E,h6km,mB5.6/11, mb4.9/50,M55.4/2,M57.5/21, IDC 14 05:49:41.0,0.5,48.94N-156.21E,h0km,mb4.6/35, mb1.4,7/43,mb1mx4.6/53,mbtmp4.6/43,ML3.7/6, Error ellipse: s-maj=12.6km s-min=10.2km az=134.0 SKHL 14 05:49:42.1,0.4,48.70N-156.70E,h35km,mb5.4/44, MOS 14 05:49:43.2,1.3,48.78N-156.52E,h40km,mb5.3/50, Error ellipse: s-maj=9.9km s-min=3.4km az=78.0 NEIC 14 05:49:43.1,2.2,49.02N-108.156E,2E:0.1,h10km,1km, mB5.0/108, Error ellipse: s-maj=15.9km s-min=11.2km az=130.0 KRSC 14 05:49:45.0,2.5,48.99N-157.33E,h40km,45km,ML5.1 BGR 14 05:50:01.0,0.0,51.07N-154.41E,h33km,mb5.3 ISC 14 05:49:46.6,0.6,48.92N-105.156E,36E:0.05,h42km,4km, h41km:pp-P,n484,c135/487,mb5.0/189,12C-65D,East of Kuril Islands

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

Table with columns: YSS, comp, Az, AzZ, Phase ID, Time Res, ISC, h m s, I S C. Lists seismic events with their parameters and station data.

Table with columns: SCRR, Sand Creek, Az, AzZ, Phase ID, Time Res, ISC, h m s, I S C. Lists seismic events with their parameters and station data.

Table with columns: AGPR, Aguadilla, PR, 1.62 97, Pn, 06 09 06.1 0.0, etc. Includes station names like Warramunga Arr, TIR, OHR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes station names like Severo-Kuril's, Khodutka, Kamc, etc.

Table with columns: JKA, Kamikawa-asahi, 10.66 249, Pn, Pn, 06 38 51.6 -1.0, etc. Includes station names like Kamikawa-asahi, Matsu Arr-Jizo, etc.

NEIC 14 06:36:18.3:2.6, 48:84N:0.09:156:2E:0.1, h10km, 1km, mb4, 7/36, Error ellipse: s-maj=18.5km s-min=12.1km az=129.0

SKHL 14 06:36:20.5:0.3, 48:70N:156:70E, h53km, 6km, mb5, 1/5 MOS 14 06:36:20.6:1.0, 48:85N:156:27E, h40km, mb4, 8/27, Error

CMAR 14 06:36:20.5:0.3, 48:70N:156:70E, h53km, 6km, mb5, 1/5 MOS 14 06:36:20.6:1.0, 48:85N:156:27E, h40km, mb4, 8/27, Error

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ARCES, GUN, RAMN, KKN, PKI, PKIN, DMN, GKN, DANN, SUMG, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PLN, GUNZ, WERN, KRUC, MLR, MLR, MLR, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PET, PET, PET, PET, DALK, DALK, AVH, etc.

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

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

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

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and other details. Includes stations like DVP, SANVU, etc.

NNC 14 07:21:01.8-3.9,53:54N-88:27E, h0km, mb3.7, mpv3.4, 7C-1D, Error ellipse: s-maj=32.4km s-min=20.1km az=56.0, Suspected Mining explosion., Southwestern Siberia

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and other details. Includes stations like ZAAO, ZAAO, KURBB, etc.

INET 14 07:31:46.6, 13:01N-88:77W, h62km, MW4.1 IDC 14 07:31:49.0, 1.1, 13:29N-88:24W, h35km, 36km, mb3.6/9, mb1.3/9.0, mb1.8km/3.6/3.7, mbtmp3.8/10, ML3.4/1, Error ellipse: s-maj=45.8km s-min=14.3km az=46.0

SNET 14 07:31:51.0, 0.8, 12:34N-88:88W, h44km, 20km, ML4.1 UCR 14 07:31:51.6, 1.3, 12:39N-88:87W, h48km, 18km, ML4.1, MW3.8, mb4.1 (NEIC)

NEIC 14 07:31:52.2, 2.3, 13:02N-0:09-88:80W, 0.07, h52km, 9km, M4.1 (SNET), Error ellipse: s-maj=15.2km s-min=5.8km az=214.0

GCG 14 07:31:54.0, 0.3, 13:16N-88:77W, h50km, MD4.0 ISC 14 07:31:51.2, 1.0, 13:01N-0:07-88:79W, 0.05, h58km, 26km, n90, #18/102, mb3.8/9, 3C-23D, El Salvador

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and other details. Includes stations like ALJI, ALJI, ALJI, etc.

571

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BBGH Gun Hill, TGUH Tegucigalpa, and various other stations.

2015 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OXF Oxford, OXF Oxford, CBN Corbin Frederi, and various other stations.

14d 7h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, and various other stations.

Table with columns: Call Sign, Name, Comp, Az, El, Mode, Power, Status, Frequency, etc. Includes stations like West of Eustis, Mont Orford, Bebedouro, etc.

Table with columns: Call Sign, Name, Comp, Az, El, Mode, Power, Status, Frequency, etc. Includes stations like Campos-RJ, Miller, Tubaro-SC, etc.

Table with columns: Call Sign, Name, Comp, Az, El, Mode, Power, Status, Frequency, etc. Includes stations like Camp Elliot, Pine Spring, Turquoise, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAKnes, Farewell, AK, and various other observatories.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FINES, FINES Array B, and various other observatories.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAP, CMAP, and various other observatories.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BDFB Brasilia, PMSA Palmer Station, VNA3 Neumayer Olymp, etc.

SKHL 14 08:38:40.7±0.0, 48.80N; 156.50E, h48km, 3km, mb4.8/4, MOS 14 08:38:40.6±0.9, 48.86N; 156.38E, h37km, mb4.4/1.0, Error ellipse: s-maj=15.2km s-min=4.2km az=79.9

KRSC 14 08:38:41.3±2.1, 48.97N; 157.22E, h40km, 25km, ML4.4, IDC 14 08:38:42.9±2.8, 48.91N; 156.29E, h43km, 25km, mb3.7/1.7, mb1.3/8.22, mb1mx3.7/5.7, mbtmp3.9/2.2, ML2.8/4, MS4.2/1, Ms1.4/2.1, ms1mx3.1/5.5, Error ellipse: s-maj=22.0km s-min=14.5km az=134.0

ISC 14 08:38:42.8±0.6, 48.87N; 0.07, 156.54E; 0.07, h50km, n102, s152/116, mb4.0/2.1, 4C-3D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SKR Severo-Kuril's, PAU Pauzhetka, KDR Khodutka, ASAK Asacha, etc.

PETK 14 08:37.9±3.3, baz=198, slow=27, SNR=1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PET Petropavlovsk, KRL Gorelyy, etc.

PET 14 08:36.4±0.3, comp=E, 80nm, 0.4s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DALK Dalny, AVH Avacha, KOK Koryaka, etc.

JKA Kamikawa-asahi, ASAJ Asahikawa

KLR Kul'dur, USRK Ussuriysk Arr

MJAR Matsushiro Arr

ZEY Zeya

YAK Yakutsk

KSR Korea Arr

TIXI Tiksi

TIXI Tiksi

SONM Songino Array

ILAR Eielson Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ILAR Eielson Array, NRK Noril'sk, INK Inuvik, etc.

IDC 14 08:38:47.6±1.1, 3.56S; 129.03E, h0km, mb4.0/5, mb1.4/2.8, mb1mx3.9/4.2, mbtmp4.0/8, ML3.8/3, Error ellipse: s-maj=41.7km s-min=20.8km az=79.0

DJA 14 08:38:51.0±0.5, 4.54S; 121.9E, h11km, 4km, ML4.0/6, MLV4.0/6

NEIC 14 08:38:53.8±2.8, 3.59S; 0.09, 129.2E; 0.1, h52km, 3km, mb4.0/1.1, Error ellipse: s-maj=19.5km s-min=13.5km az=96.0

ISC 14 08:38:52.4±0.7, 3.63S; 0.06, 129.07E; 0.07, h37km, n28, s189/32, mb4.0/5, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSAI Masohi, BNDI Bandanaira, FAKI Fak Fak, etc.

IDC 14 08:38:47.6±1.1, 3.56S; 129.03E, h0km, mb4.0/5, mb1.4/2.8, mb1mx3.9/4.2, mbtmp4.0/8, ML3.8/3, Error ellipse: s-maj=41.7km s-min=20.8km az=79.0

DJA 14 08:38:51.0±0.5, 4.54S; 121.9E, h11km, 4km, ML4.0/6, MLV4.0/6

NEIC 14 08:38:53.8±2.8, 3.59S; 0.09, 129.2E; 0.1, h52km, 3km, mb4.0/1.1, Error ellipse: s-maj=19.5km s-min=13.5km az=96.0

ISC 14 08:38:52.4±0.7, 3.63S; 0.06, 129.07E; 0.07, h37km, n28, s189/32, mb4.0/5, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WBO Warramunga Arr, WRA Warramunga Arr, WBR Warramunga Arr, etc.

WRA Warramunga Arr 17.01 163 P P 08 42 46.3 -1.4

WBR Warramunga Arr 17.02 163 P P 08 42 48.0 +0.3

WRD Warramunga Arr 17.09 162 P P 08 42 47.5 -1.1

ASAR Alice Springs 20.46 167 P P 08 43 22.5 +1.0

ASAR Alice Springs 20.46 167 P P 08 43 28.7 +1.6

ASAR Alice Springs 20.46 167 P P 08 43 37.2 -1.1

ASAR Alice Springs 20.46 167 P P 08 43 45.2 +0.8

ASAR Alice Springs 20.46 167 P P 08 43 52.2 +0.8

ASAR Alice Springs 20.46 167 P P 08 43 59.2 +0.8

ASAR Alice Springs 20.46 167 P P 08 44 05.2 +1.1

ASAR Alice Springs 20.46 167 P P 08 44 11.2 +0.7

ASAR Alice Springs 20.46 167 P P 08 44 17.2 +0.7

ASAR Alice Springs 20.46 167 P P 08 44 23.2 +0.7

ASAR Alice Springs 20.46 167 P P 08 44 29.2 +0.7

ASAR Alice Springs 20.46 167 P P 08 44 35.2 +0.7

ASAR Alice Springs 20.46 167 P P 08 44 41.2 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I43RU DUBNA INFRASON, BELG Belogomoye, BELG Belogomoye, etc.

BUI 14 09:10:37.4±0.0, 17.97S; 34.87E, h5km, mb5.0/9, mb4.9/1.4, Ms4.9/2, Ms7.4/7.2

IDC 14 09:10:39.0±0.6, 17.82S; 35.09E, h0km, mb4.0/1.2, mb1.4/2.18, mb1mx4.1/3.9, mbtmp4.1/1.8, ML4.1/6, MS3.5/6, Ms1.5/6, ms1mx3.2/4.4, Error ellipse: s-maj=20.6km s-min=17.1km az=97.0

NEIC 14 09:10:40.8±1.4, 17.82S; 0.08, 35.05E; 0.08, h10km, 1km, mb4.0/2.4, Error ellipse: s-maj=14.3km s-min=10.7km az=28.0

LSZ 14 09:10:41.9±0.3, 13.95S; 35.17E, h10km, MD4.9, ML4.7, PRE 14 09:10:47.2±2.1, 17.96S; 34.95E, h10km, ML4.1, ISC 14 09:10:40.5±0.4, 17.78S; 0.04, 34.96E, h0km, n129, s152/139, mb4.6/28, MS4.1/4, 1C-1D, Mozambique

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TETE Tete, ZOMB Zomba, MBAM Mbamba Bay, etc.

ENUK Enkoveni, MATP Matopo

ENUK Enkoveni, MATP Matopo

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ENUK Enkoveni, MATP Matopo

ENUK Enkoveni, MATP Matopo

ENUK Enkoveni, MATP Matopo

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBAR Mbarara, SUR Sutherland, AUS Aus, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSAL Masohi, BNDI Bandanaira, SANI Sanana, etc.

IDC 14 09:34:55.9, 1.0, 33.36S, 72.00W, h0km, mb3.5/4, mb1 3.97, mb1mx3.625, mbtmp3.57, ML3.7/3, Error ellipse: s-maj=50.4km s-min=20.6km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VA01 Torpederas, VA05 Santo Domingo, MT02 Curacav, etc.

IDC 14 09:35:11.2, 0.8, 33.40S, 72.30W, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.8/24, mbtmp3.9/8, ML3.7/1, MS4.2/1, Ms1 4.2/1, m1mx3.8/21, Error ellipse: s-maj=24.1km s-min=12.6km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N1 Juan Fernandez, H03S3 Juan Fernandez, LPAZ La Paz, etc.

OTT 14 09:49:14.6, 0.6, 42.27N, 55.31W, h18km, ML3.5/5, Atlantic Ocean, 539km south from Grand Bank, NI, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHEG Deer Lake, LMN Caledonia Moun, ELNB Elgin, New Bru, etc.

IDC 14 10:10:49.2, 0.8, 48.80N, 156.61E, h0km, mb4.0/20, mb1 4.1/25, mb1mx4.0/53, mbtmp4.0/25, ML3.4/5, MS3.5/8, Ms1 3.6/8, m1mx3.1/54, Error ellipse: s-maj=22.1km s-min=15.2km az=125.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAU Puzhetka, KDR Khodutka, KAMC Khodutka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APC Apacha, KRCR Karymsinskiy, KRMK Karymsinskiy, etc.

Table with columns: BRG, Name, Time, Az, El, P, S, I, R, etc. Includes entries like Berggiesshubel, KSP, LFF, KWP, etc.

Table with columns: FOEL, Name, Time, Az, El, P, S, I, R, etc. Includes entries like BORU, RRSB, LLW, EIL, etc.

Table with columns: ARU, Name, Time, Az, El, P, S, I, R, etc. Includes entries like DBIC, Dimbokro, SPAO, etc.

Table with 5 columns: RNF, Rovaniemi, OLKF, Oulanka, Finla, 4.16, 12, eS, Sn, 10 24 49.6, -1.1, 10 25 17.7, -4.6

IDC 14 10:41:00.5:1.6, 60.91N:167.66E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.3/68, mbtm3.4/4, ML2.9/1, Error ellipse: s-maj=56.0km s-min=29.1km az=169.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 10:45:50.2:1.7, 63.04N:27.93E, h0km, mb1 3.2/2, mb1mx3.0/58, mbtm3.2/2, ML2.5/2, Error ellipse: s-maj=27.9km s-min=7.3km az=105.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 10:45:51.6:4.6, 63.09N:27.82E, h0km, ML1.7, ML2.1 (HEL), Suspected explosion

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 10:45:59.0:8.6, 63.15N:0.02:27.58E:0.04, h0km, n44, r196773, Finland

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 10:45:59.0:8.6, 63.15N:0.02:27.58E:0.04, h0km, n44, r196773, Finland

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

Table with 5 columns: I43RU, DUBNA INFRASON, 8.06, 139, i, 11 33 40.0

FUNV 14 10:55:45.9, 10:69N:62:47W, h84km, MW3.7, TRN 14 10:55:45.2, 10:80N:62:45W, h105km, MD4.0

ISC 14 10:55:43.3:1.4, 10.76N:0.04:62.52W:0.03, h109km:1.1km, n33, r19157, 1, C, Near coast of Venezuela

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

NEIC 14 10:58:41.6:1.2, 37:80N:0:02:121:98W:0:03, h17km, 1km, Error ellipse: s-maj=3.4km s-min=2.4km az=58.0

NEIC 14 10:58:41.6:1.2, 37:80N:0:02:121:98W:0:03, h17km, 1km, Error ellipse: s-maj=3.4km s-min=2.4km az=58.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

NCEDC 14 10:58:41.2:1.1, 37.788N:0.009:121.96W:0:01, h8km:2km, Mw3.1, ML2.642(NEIC), Error ellipse: s-maj=1.4km s-min=1.3km az=77.7

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

NEIC 14 11:30:42.3:1.5, 33:36S:0:02:72:69W:0:05, h10km, 1km, s-maj=7.8km s-min=2.9km az=249.0

NEIC 14 11:30:42.3:1.5, 33:36S:0:02:72:69W:0:05, h10km, 1km, s-maj=7.8km s-min=2.9km az=249.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

Table with 5 columns: YERR, Yerington, 2.45, 60, IAML, Pn, 10 59 21.9, +0.2, 11 00 12.0

Table with 5 columns: LHV, Little Huntton, 2.77, 79, IAML, Pn, 10 59 27.0, +1.1, 11 00 16.6

Table with 5 columns: LHV, comp=E,28nm,1.1s, IAML, Pn, 11 00 33.4

Table with 5 columns: PAHR, Fah Rah Range, 2.78, 46, IAML, Pn, 10 59 26.7, +0.5, 11 00 19.1

Table with 5 columns: KMRM, Mail Ridge, 2.79, 331, Pn, Pn, 10 59 25.4, -0.8, 11 00 60.0

Table with 5 columns: WDC, Whiskeytown 4.3s, 2.83, 351, Pn, Pn, 10 59 26.8, +0.2, 11 00 11.4

Table with 5 columns: RYN, Ryan, 2.84, 72, IAML, Pn, 10 59 27.5, +0.6, 11 00 25.6

Table with 5 columns: KVN, Kaiserville, 3.29, 66, IAML, Pn, 10 59 32.0, -1.1, 11 00 30.2

Table with 5 columns: KVN, comp=E,7.8nm,0.7s, IAML, Pn, 11 01 01.9

Table with 5 columns: KVN, comp=N,7.5nm,4.3s, IAML, Pn, 11 01 01.9

IDC 14 11:00:45.5:2.5, 3:33S:135:63E, h0km, mb3.4/2, mb1 3.9/5, mb1mx3.6/28, mbtm3.7/5, ML3.6/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/29, Error ellipse: s-maj=56.1km s-min=25.2km az=67.0

ISC 14 11:00:49.5:2.9, 3:65S:0:1:135.5E:0:2, h35km, n6, r1983/6, Irian Jaya region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 11:06:47.1:2.2, 6:84S:128:47E, h0km, mb3.3/1, mb1 4.1/5, mb1mx3.7/34, mbtm3.4/0.5, ML4.1/4, Error ellipse: s-maj=55.1km s-min=29.3km az=77.0

ISC 14 11:06:58.1:3.6, 7:65S:0:2:128.3E:0:1, h100km, n5, r217/6, Banda Sea

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

NEIC 14 11:30:42.3:1.5, 33:36S:0:02:72:69W:0:05, h10km, 1km, s-maj=7.8km s-min=2.9km az=249.0

NEIC 14 11:30:42.3:1.5, 33:36S:0:02:72:69W:0:05, h10km, 1km, s-maj=7.8km s-min=2.9km az=249.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

IDC 14 11:30:44.8:1.2, 33:34S:72:47W, h38km, 4km, ML4.3, MW4.6

GUC 14 11:30:46.3:0.9, 33:32S:72:48W, h42km, 4km, ML4.1

VAO 14 11:30:54.0:4.0, 32:91S:71:62W, h10km, mb4.4

ISC 14 11:30:44.9:1.7, 33:29S:0:03:72:40W:0:05, h0km, 10km, n136, r1973/133, mb4.6/7, MS3.8/5, 9C, Off coast of central Chile

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res

MT05 Torpederas, 0.68, 67, Op, Pn, 11 31 01.8, -0.8

VA05 Santo Domingo, 0.75, 119, Sg, Pn, 11 31 05.6, +0.6

MT02 Curacav, 1.05, 89, Pg, Pg, 11 31 06.0, +0.9

MT02 Curacav, 1.05, 89, Pg, Pg, 11 31 06.0, +0.9

MT01 Popeta, 1.11, 121, Pg, Pg, 11 31 06.6, +0.4

MT01 Popeta, 1.11, 121, Pg, Pg, 11 31 06.6, +0.4

ASAR Alice Springs 49.83 252 P P 12 52 37.8 -0.3
FITZ Fryer Crossi 57.99 258 P P 12 53 38.4 +0.7
NVAR Mina Array Bea 74.82 42 P P 12 55 25.1 -0.3

IDC 14 12:50:34.2,0.9,31.93N:94.99E,h0km,mb3.8/7,
mb1 3.8/11,mb1mx3.7/61,mbtmp3.7/11,ML3.4/4,MS3.3/3,
Ms1 3.3/3,ms1mx2.8/48,Error ellipse:s-maj=43.0km
s-min=15.8km az=59.0

NEIC 14 12:50:36.4,1.6,31.90N:0.09:94.8E:0.1,h10km,2km,
mb4,1/15,ML4.0(BJ),Error ellipse:s-maj=21.8km
s-min=8.8km az=22.0

ISC 14 12:50:35.4,0.7,31.88N:0.08:94.9E:0.1,h10km,n34,
o=871/32,mb3.9/13,Xixang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, CMAR Chiang Mai Arr, MK31 Makanchi Array, etc.

VAO 14 12:56:06.0,0.3,22.44S:68.89W,h110km,mb4.3
IDC 14 12:56:07.4,0.9,22.67S:68.47W,h91km,mb3.6/4,
mb1 3.7/6,mb1mx3.4/33,mbtmp4.0/6,MS2.4/2,
ms1mx2.3/20,Error ellipse:s-maj=31.3km s-min=20.8km
az=131.0

NEIC 14 12:56:08.6,1.5,22.57S:0.05:68.70W:0.05,h113km,5km,
Error ellipse:s-maj=6.8km s-min=0.3km az=190.0

GUC 14 12:56:09.0,0.8,22.58S:68.71W,h109km,ML4.0
ISC 14 12:56:07.0,0.6,22.54S:0.03:68.69W:0.04,h109km,5km,
n94,1/133/116,mb4.1/4,12C-1D,Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC Limon Verde, AF01 San Pedro de A, PB06 IPOC Station P, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, VA03 San Esteban, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, PRNS Prines Rethymn, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ROSC, HEC, MWC, PASC, GSC, EDW2, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HEC, MWC, PASC, GSC, EDW2, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like 214A, LCMW, LHV, R11A, etc.

SSNC 14 13:53:16.1±1.6, 19:80N:75:60W, h28km±11km, MD3.4, ML3.5, MW3.5

JSN 14 13:53:17.4±1.8, 19:70N:75:73W, h30km, 999km, MD4.0

ISC 14 13:53:14.5±1.2, 19:78N:0.05:75:62W:0.03, h35km, n12, e202/22, Cuba region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like RCC, GTBY, HLGC, etc.

PAS 14 13:55:30.0±1.7, 34:20N:0.04:116:91W:0.05, h10km, 7km, Mw3.5/6, ML3.5/89(NEIC), Error ellipse: s-maj=6.2km

ANF 14 13:55:29.0±0.1, 34:19N:116:91W, h13km, 1km, ML3.7/34, Error ellipse: s-maj=1.1km, s-min=1.0km, az=27.0

NEIC 14 13:55:29.8±1.7, 34:20N:0.04:116:91W:0.05, h10km, 7km, Error ellipse: s-maj=6.1km, s-min=5.1km, az=122.0

NEIC 14 13:55:30.34:20N:116:91W, h14km, Moment Tensor Solution. Moment tensor: Scale: 10^14Nm; Mr:0.74; Mw:1.19; Mw0.44; Mw0.29; Mw0.146; Mw0.085; Fault plane solution: M2:0.00000:1014 NP1:3279.00000:0.62:0.00000:0.155:0.00000. NP2:3279.00000:0.62:0.00000:0.155:0.00000. Principal axes: T:1.9452, P1:636.00000, Azm241.00000; N:0.1085, P1:53.00000, Azm53.00000; P:2.0537, P1:4.00000, Azm149.00000

ISC 14 13:55:29.5±0.6, 34:19N:0.02:116:91W:0.02, h14km, 6km, n95, e072/126, Southern California

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BBRC, CFSC, RIVERS, etc.

TKX 14 13:57:00.0±1.6, 171N:105W, Teacote

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

IKP 14 13:57:00.0±1.6, 171N:105W, In-Ko-Pah, Jac

KRSC 14 14:20:24.5±1.3, 48:89N:157:02E, h16km±22km, ML3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SKR, PAU, KDTR, etc.

ASRS 14 14:30:53.0±0.4, 53:2N:8:8E, h4km±2km, MLH3.4/6, NNC 14 14:30:57.2±5.2, 52:99N:87:33E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=22.0km, s-min=10.0km, az=74.0

Suspected Mining explosion. ISC 14 14:30:53.5±0.7, 53:09N:02:87:67E:0.02, h0km, n23, e15/46, 4C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TASR, ELT, LUZB, etc.

IDC 14 14:50:39.3±2.4, 6:21N:127:29E, h183km±23km, mb3.2/7,

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.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHEFC, MDT, SRHM, GOG, JBK, OUK, etc.

ISC 14 20:31:56.9z.2.1, 5.0N, 126.68E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/3, mbtmp3.4/3, Error ellipse: s-maj=166.0km s-min=28.0km az=66.0

DJA 14 20:32:03.7z.0.4, 1.1N, 6.12E, h10km, M3.0/5, MLV3.0/5, ISC 14 20:32:05.3z.1.3, 1.3N, 0.1z.126.38E, h0, h47km, n6, az=286/7, mb3.4/3, Northern Molucca Sea

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

JMA 14 20:34:37.2z.0.1, 35.42N, 140.97E, h19km, 2km, M3.5, NEIC 14 20:34:37.1z.1.4, 35.42N, 140.97E, h1.0z.1.4, h42km, 8km, mb4.5/6, Error ellipse: s-maj=14.0km s-min=9.0km az=77.0

ISC 14 20:34:35.4z.1.5, 35.38N, 140.05z.141.06E, h0.28, h29km, 9km, n24, az=154/30, mb4.5/3, 1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHJO, JSMT, KTR, JCN, JIHU, etc.

NIED 14 20:35:09.4z.35.42N, 140.97E, h18km, MW3.8, Moment Tensor Solution, s3 10Nent, Inert tensor: Scale: 10^14Nm, Mw=3.70, Ms=3.70, Mw-1.42z. Ms=2.03z. Mw-0.16; Fault plane solution: Ms: 6.04000e+10J4 NP1: az=125.00000, lambda=163.00000, NP2: az=30.00000, lambda=15.00000

JMA 14 20:35:09.3z.0.1, 35.42N, 140.97E, h18km, 2km, M4.0, 1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHJO, JSMT, KTR, JCN, etc.

ISC 14 20:43:47.3z.0.2, 21.87S, 170.01E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.7/21, mbtmp3.7/6, ML3.3/1, MS3.3/5, Ms 1.3/3, ms1mx3.0/26, Error ellipse: s-maj=143.4km s-min=28.8km az=161.0

NOU 14 20:43:51.2z.21.37S, 169.66E, h0km, MLV4.7/11, Southeast of Loyalty Islands

ISC 14 20:43:54.7z.1.0, 21.36S, 169.66E, h0.1, h35km, n24, az=113/22, mb3.6/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MARNC, PINNC, YATNC, OUCNC, DZM, etc.

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

ISC 14 21:25:09.2z.4.1, 5.58S, 152.16E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/28, mbtmp3.5/2, Error ellipse: s-maj=163.8km s-min=53.7km az=120.0, New Britain region

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

WEL 14 21:34:36.7z.42.5z.6.172E, 1.0z.10, h10km, 14km, M2.5/6, MB5.3/1, ML2.5/2, MLV2.5/6, Mw(MB)4.7/1, Error ellipse: s-maj=0.0km s-min=0.0km az=90.6, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LTZ, DSZ, INZ, THZ, etc.

ISC 14 22:52:24.9z.0.6, 6.04S, 105.42E, h0km, mb4.2/16, mb1 4.4/18, mb1mx3.3/4, mbtmp3.3/18, ML4.0/2, MS3.3/4, Ms 1.3/3, ms1mx2.9/41, Error ellipse: s-maj=23.2km s-min=12.0km az=55.0

BUI 14 22:52:26.7z.0.0, 6.15S, 105.29E, h22km, mb5.0/6, mb4.5/18, Ms4.6/8, Ms4.7/8

DJA 14 22:52:26.7z.0.3, 6.15S, 105.29E, h10km, M4.3/14, MLV4.3/14

NEIC 14 22:52:30.3z.1.7, 6.07S, 105.39E, 0.08, h44km, 7km, mb4.6/3, Error ellipse: s-maj=14.9km s-min=8.6km az=221.0

ISC 14 22:52:28.1z.0.4, 6.13S, 105.04z.105.34E, 0.04, h26km, n122, az=163/130, mb4.5/31, MS4.1/8, 9C-8D, Sunda Strait

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

TOLIZ Tolitoli 17.01 65 Pn Pn 22 56 23.5 -0.9

TOLIZ Tolitoli 17.01 65 Pn Pn 22 56 23.5 -0.9

LWU Luwuk 18.11 74 Pn Pn 22 56 36.6 -1.4

BATI Baunata 18.58 104 Pn Pn 22 56 42.8 -0.6

SOEI Soe 19.08 102 Pn Pn 22 56 49.6 -0.4

PSA00 Pilbara Seismi 20.80 139 Pn Pn 22 57 07.9 +0.3

PSA00 Pilbara Seismi 20.80 139 Pn Pn 22 57 12.5 0.0

FITZ Fitzroy Crossi 23.10 123 Pn Pn 22 57 32.0 -0.3

FITZ Fitzroy Crossi 23.10 123 Pn Pn 22 57 31.1 -1.2

KNRA Kununurra 24.85 114 Pn Pn 22 57 47.7 -1.0

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

CMAR Chiang Mai Arr 25.23 346 Pn Pn 22 57 52.8 +0.6

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

ISC 14 21:25:09.2z.4.1, 5.58S, 152.16E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/28, mbtmp3.5/2, Error ellipse: s-maj=163.8km s-min=53.7km az=120.0, New Britain region

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

ISC 14 21:34:36.7z.42.5z.6.172E, 1.0z.10, h10km, 14km, M2.5/6, MB5.3/1, ML2.5/2, MLV2.5/6, Mw(MB)4.7/1, Error ellipse: s-maj=0.0km s-min=0.0km az=90.6, South Island

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

ISC 14 22:52:24.9z.0.6, 6.04S, 105.42E, h0km, mb4.2/16, mb1 4.4/18, mb1mx3.3/4, mbtmp3.3/18, ML4.0/2, MS3.3/4, Ms 1.3/3, ms1mx2.9/41, Error ellipse: s-maj=23.2km s-min=12.0km az=55.0

BUI 14 22:52:26.7z.0.0, 6.15S, 105.29E, h22km, mb5.0/6, mb4.5/18, Ms4.6/8, Ms4.7/8

DJA 14 22:52:26.7z.0.3, 6.15S, 105.29E, h10km, M4.3/14, MLV4.3/14

NEIC 14 22:52:30.3z.1.7, 6.07S, 105.39E, 0.08, h44km, 7km, mb4.6/3, Error ellipse: s-maj=14.9km s-min=8.6km az=221.0

ISC 14 22:52:28.1z.0.4, 6.13S, 105.04z.105.34E, 0.04, h26km, n122, az=163/130, mb4.5/31, MS4.1/8, 9C-8D, Sunda Strait

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

ISC 14 20:43:47.3z.0.2, 21.87S, 170.01E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.7/21, mbtmp3.7/6, ML3.3/1, MS3.3/5, Ms 1.3/3, ms1mx3.0/26, Error ellipse: s-maj=143.4km s-min=28.8km az=161.0

NOU 14 20:43:51.2z.21.37S, 169.66E, h0km, MLV4.7/11, Southeast of Loyalty Islands

ISC 14 20:43:54.7z.1.0, 21.36S, 169.66E, h0.1, h35km, n24, az=113/22, mb3.6/5, Southeast of Loyalty Islands

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BUCOVINA ARRAY, VITOSHA, etc.

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

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

IDC 14 23:09:12.3s.5.9.4.21S.105.47E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3/0.35, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=163.0km s-min=62.7km az=64.0

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

OCAC Ocaña 1.43 351 i P Sn 23 42 03.7 +0.1 23 42 25.7 -0.5

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

ELAN Lanestosa 1.31 290 i P Pg 23 42 06.9 +1.3 23 42 06.9 +1.3

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

WEL 14 23:11:36.6-0.7.33'S.5°17'9"E±1°3', h33km, M4.2/14, mB4.7/5, ML4.5/16, MLv4.4/14, Mw(mB)3.9/5, Error ellipse: s-maj=0.0km s-min=0.0km az=102.7, South of Kermadec Islands

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

HELC Santa Helena 2.50 256 e P Sn 23 42 15.8 -0.3 23 42 47.7 -0.3

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

ERTS Ertsejaerv 1.51 148 e P Sn 23 35 29.9 +3.0 23 35 11.5 -1.2

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

HEL 14 23:34:46.7.0.0.67'85N.20'19'E, h0km, ML1.8, ML2.2(UPP), Suspect explosion

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

SJCC San Jacinto, C 3.69 326 e P Sn 23 42 29.9 -0.9 23 43 11.2 -3.5

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

CLLI Llivia 2.77 95 P Pg 23 42 07.2 +2.8 23 42 07.2 +2.8

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

IDC 14 23:41:34.0.0.8.6'66N.72'92W, h155km±11km, mb2.9/1, mb1 3.4/3, mb1mx3/0.35, mbtmp3.6/3, Error ellipse: s-maj=43.7km s-min=6.6km az=132.0

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

STR 14 23:46:40.1.0.9.43'N.6°±', h12km±5km, mb3.6/3, MLv3.4/10, preliminary

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

CFON Fontanarica 3.28 107 P Pn 23 47 32.5 +1.2 23 47 32.5 +1.2

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

ESDC	34nm,0.3s Sonseca Array	3.54 209	Pn	Pn	23 47 35.1 +0.1
ESDC	baz=33,slows=15,SNR=7.9		Pg	Pb	23 47 45.9 +3.0
ESDC	1.8nm,0.1s,baz=35,slows=24,SNR=7.9		Sn	Pb	23 48 16.2 -0.4
ESDC	baz=34,slows=29,SNR=7.9		Lg	Lg	23 48 32.0
ECAL	3.1nm,0.1s,SNR=18	3.79 259	Pn	Pn	23 47 39.8 +1.4
ECAL	1.5nm,0.1s,SNR=7.9		Pg	Pb	23 47 51.0 +3.9
ECAL	4.8nm,0.3s,SNR=7.9		Lg	Lg	23 48 23.2 +0.4
PAB	46nm,0.3s,SNR=7.9	3.80 212	Pn	Pn	23 47 38.6 +0.1
PAB	1.5nm,0.3s,SNR=7.9		Pg	Pb	23 47 49.5 +2.3
PAB	0.3nm,0.1s,SNR=7.9		Sn	Sn	23 48 22.0 -0.9
PAB	46nm,0.5s,SNR=7.9		Lg	Lg	23 48 38.4
PBRG	8.9nm,0.5s	3.83 257	ePn	Pn	23 47 40.7 +1.7
PBRG			eSn	Pn	23 48 25.2 +1.7
PBRG			eSg	Pn	23 48 42.1 +1.2
PBRG			A	Pn	23 48 51.8
PBRG	18nm,0.5s	3.83 257	Pn	Pn	23 47 40.7 +1.7
PBRG			Sn	Pn	23 48 25.2 +1.5
PBRG			Lg	Pn	23 48 42.3
MFF	8.9nm,0.5s	3.97 16	ePn	Pn	23 47 42.5 +1.7
MFF		3.97 16	Pn	Pn	23 47 42.5 +1.7
MFF			Pg	Pn	23 47 57.5 +1.0
MFF			Sn	Pn	23 48 26.9 -0.1
EPON	7.4nm,0.4s	3.99 279	Pn	Pn	23 47 43.1 +2.0
EPON	0.6nm,0.4s,SNR=14		Sn	Sn	23 48 28.7 +1.1
EPON	5.9nm,0.2s,SNR=7.9		Lg	Lg	23 48 50.6
ETOB	11nm,0.3s,SNR=7.9	4.15 178	Pn	Pn	23 47 44.8 +1.4
ETOB	1.4nm,0.2s,SNR=26		Pg	Pb	23 47 57.2 +3.8
ETOB	0.4nm,0.3s,SNR=7.9		Lg	Lg	23 48 52.5
EPLA	49nm,0.8s,SNR=7.9	4.25 231	Pn	Pn	23 47 45.2 +0.5
EPLA	2.3nm,0.2s,SNR=20		Pg	Pb	23 47 59.0 +4.1
EPLA	0.4nm,0.7s,SNR=7.9		Sn	Sn	23 48 33.2 -0.8
EPLA	1.7nm,0.3s,SNR=7.9		Lg	Lg	23 48 55.4
MVO	30nm,0.5s,SNR=7.9	4.26 249	ePn	Pn	23 47 45.9 +1.1
MVO			eSn	Pn	23 48 34.5 +0.2
MVO			eSg	Pn	23 48 53.4 -3.8
MVO			A	Pn	23 48 56.7
MVO	29nm,0.5s	4.26 249	Pn	Pn	23 47 46.0 +1.1
MVO	6.8nm,0.2s,SNR=36		Sn	Sn	23 48 34.5 +0.2
MVO	0.9nm,0.3s,SNR=7.9		Lg	Lg	23 48 54.5
LASF	26nm,0.3s,SNR=7.9	4.28 71	ePn	Pn	23 47 46.6 +1.5
LASF		4.28 71	eP	Pn	23 47 49.4 +4.3
LASF			eSn	Pn	23 48 34.7 0.0
LASF	40nm,0.6s		eSg	Pn	23 48 57.1 -0.8
LASF	9.4nm,0.3s	4.28 71	Pn	Pn	23 47 46.6 +1.5
LASF			Sn	Pn	23 48 34.7 0.0
LASF	20nm,0.6s		Lg	Lg	23 48 57.1
EBENZ	4.7nm,0.3s	4.29 163	Pn	Pn	23 47 46.4 +1.2
EBENZ	3.0nm,0.3s,SNR=7.9		Sn	Sn	23 48 33.8 -1.1
EBENZ	1.7nm,0.1s,SNR=7.9		Sn	Sn	23 48 33.8 -1.1
LBL	7.7nm,0.1s,SNR=7.9	4.35 54	Pn	Pn	23 47 48.3 +2.2
EIBI	4.44 147		Pn	Pn	23 47 47.4 +0.1
EIBI	0.4nm,0.3s,SNR=7.9		Sn	Sn	23 48 36.1 -2.5
ETOS	1.5nm,0.4s,SNR=7.9	4.58 130	Pn	Pn	23 47 49.7 +0.5
ETOS	0.1nm,0.2s,SNR=7.9		Sn	Sn	23 48 39.0 -3.3
ETOS	0.6nm,0.1s,SNR=7.9	4.71 188	Pn	Pn	23 47 52.3 +1.1
SESP	1.8nm,0.2s,SNR=18		Sn	Sn	23 48 43.0 -2.7
SESP	1.1nm,0.4s,SNR=7.9		Lg	Lg	23 49 07.8
SESP	39nm,0.5s,SNR=7.9		Lg	Lg	23 49 07.8
POLO	Lamas de Olo	4.72 254	ePn	Pn	23 47 52.8 +1.6
POLO			eSn	Pn	23 48 46.6 +1.0
POLO			eSg	Pn	23 49 08.5 -3.4
POLO			A	Pn	23 49 11.6
POLO	6.8nm,0.6s	4.72 254	Pn	Pn	23 47 52.8 +1.6
POLO			Sn	Pn	23 48 46.6 +1.0
POLO			Lg	Pn	23 49 08.5
ELOB	6.8nm,0.6s	4.77 261	Pn	Pn	23 47 53.1 +1.2
ELOB	0.0nm,0.2s,SNR=10		Sn	Sn	23 48 45.6 -1.3
ELOB	0.9nm,0.4s,SNR=7.9		Lg	Lg	23 49 14.1
PCAB	12nm,0.5s,SNR=7.9	4.78 259	ePn	Pn	23 47 53.4 +1.4
PCAB			eSg	Pn	23 49 09.7 -4.3
PCAB			A	Pn	23 49 19.4
PCAB	17nm,0.6s	4.78 259	Pn	Pn	23 47 53.4 +1.4
PCAB			Lg	Pn	23 49 09.7
PGAV	8.4nm,0.6s	4.90 262	ePn	Pn	23 47 55.4 +1.7
PGAV			A	Pn	23 49 28.3
PGAV	10nm,0.4s	4.90 262	Pn	Pn	23 47 55.4 +1.7
PGAV			Pn	Pn	23 47 54.7 +0.2
MTE		4.96 243	ePn	Pn	23 49 16.7 -3.0
MTE			A	Pn	23 49 28.1
MTE	20nm,0.5s	4.96 243	Pn	Pn	23 47 54.7 +0.2
MTE			Lg	Pn	23 49 16.7
EMUR	10nm,0.5s	4.97 175	Pn	Pn	23 47 56.1 +1.5
EMUR	0.3nm,0.4s,SNR=7.9		Pg	Pb	23 48 10.6 +3.5
EMUR	5.1nm,0.5s,SNR=7.9		Lg	Lg	23 49 17.6
BGF	17nm,0.5s,SNR=7.9	4.99 40	ePn	Pn	23 47 55.5 +0.7
BGF			eSn	Pn	23 48 51.9 -0.2
BGF	72nm,0.4s		eSg	Pn	23 49 20.0 -0.5
BGF	55nm,0.6s	4.99 40	Pn	Pn	23 47 55.5 +0.7
BGF			Sn	Pn	23 48 51.9 -0.2
BGF	36nm,0.4s		Lg	Lg	23 49 20.0
BGF	27nm,0.6s	5.04 248	ePn	Pn	23 47 56.4 +0.8
BGF			eSn	Pn	23 48 53.4 -0.2
BGF			A	Pn	23 49 34.1
PVIS	11nm,0.4s	5.04 248	Pn	Pn	23 47 56.4 +0.8
PVIS			Sn	Pn	23 48 53.4 -0.2
PVIS	5.7nm,0.4s	5.08 64	ePn	Pn	23 47 57.6 +1.5
PVIS			eSn	Pn	23 48 53.8 -0.7
VIVF	11nm,0.4s	5.08 64	Pn	Pn	23 47 57.6 +1.5
VIVF			Sn	Pn	23 48 53.8 -0.7
VIVF	5.4nm,0.4s	5.09 192	Pn	Pn	23 47 57.6 +1.3
VIVF			Pg	Pb	23 48 15.0 +5.6

EQES	31nm,0.5s,SNR=7.9	Lg	Lg	23 49 19.9	
EADA	Adamuz	5.10 206	Pn	Pn	23 47 57.3 +0.8
EADA	0.4nm,0.3s,SNR=16		Pg	Pg	23 48 18.0 -0.3
EADA	7.7nm,0.5s,SNR=7.9		Sn	Sn	23 48 52.8 -2.3
EADA	0.7nm,0.3s,SNR=7.9		Lg	Lg	23 49 23.0
QUIF	43nm,0.6s,SNR=7.9	5.21 349	ePn	Pn	23 47 59.3 +1.5
QUIF	Quistinic		eSn	Pn	23 48 57.1 -0.5
QUIF	9.9nm,0.2s	5.21 349	Pn	Pn	23 47 59.3 +1.5
QUIF	Quistinic		Sn	Pn	23 48 57.1 -0.5
PCBR	14nm,0.5s	5.23 237	ePn	Pn	23 47 59.1 +1.0
PCBR	Castelo Branco		eSn	Pn	23 48 57.4 -0.7
PCBR			eSg	Pn	23 48 24.1 -4.2
PCBR			A	Pn	23 49 37.0
PCBR	14nm,0.5s	5.23 237	Pn	Pn	23 47 59.1 +1.0
PCBR	Castelo Branco		Sn	Pn	23 48 57.4 -0.7
PCBR			Lg	Pn	23 49 24.1
EMAZ	6.8nm,0.5s	5.31 274	Pn	Pn	23 48 00.3 +1.1
EMAZ	Mazaricos		Sn	Sn	23 48 59.4 -0.7
EMAZ	2.4nm,0.2s,SNR=7.9		Sn	Sn	23 48 59.4 -0.7
AVF	0.2nm,0.3s,SNR=7.9	5.39 41	ePn	Pn	23 48 01.8 +1.4
AVF	Avril sur Loir		eSn	Pn	23 49 01.5 -0.7
AVF	6.4nm,0.4s		eSg	Pn	23 49 32.2 -1.4
AVF	12nm,0.6s	5.39 41	Pn	Pn	23 48 01.8 +1.4
AVF	Avril sur Loir		Sn	Pn	23 49 01.5 -0.7
AVF	3.2nm,0.4s		Lg	Lg	23 49 32.2
RUSF	5.9nm,0.6s	5.40 75	Pn	Pn	23 48 02.3 +1.9
RUSF	Rustel		Pn	Pn	23 48 02.5 +1.8
GORA	8.1nm,0.2s,SNR=7.9	5.41 191	Pn	Pn	23 49 00.6 -2.0
GORA	Gorafe		Sn	Sn	23 49 32.8
GORA	2.5nm,0.3s,SNR=7.9		Lg	Lg	23 49 32.8
PMRV	126nm,0.7s,SNR=7.9	5.43 234	ePn	Pn	23 48 01.1 +0.2
PMRV	Marv???		eSn	Pn	23 49 02.0 -1.1
PMRV			Sg	Pn	23 49 13.8 -3.0
PMRV			A	Pn	23 49 40.9
PMRV	16nm,0.5s	5.43 234	Pn	Pn	23 48 01.1 +0.2
PMRV	Marv???		Sn	Pn	23 49 02.0 -1.1
PMRV			Lg	Pn	23 49 13.8
HYF	16nm,0.5s	5.44 33	ePn	Pn	23 48 02.8 +1.7
HYF	Humbigny		eP	Pn	23 48 06.1 +5.0
HYF		5.44 33	eSn	Pn	23 49 02.7 -0.7
HYF	Humbigny		Pn	Pn	23 48 02.8 +1.7
HYF			Sn	Pn	23 49 02.7 -0.7
SMRF	5.2nm,0.4s	5.47 75	ePn	Pn	23 48 02.8 +1.4
SMRF	Simiane la Rot		eP	Pn	23 48 08.3 +6.9
SMRF		5.47 75	eSn	Pn	23 49 02.9 -1.1
SMRF	Simiane la Rot		Pn	Pn	23 48 02.8 +1.4
SMRF			Sn	Pn	23 49 02.9 -1.1
SGMF	5.2nm,0.4s	5.48 354	ePn	Pn	23 48 03.3 +1.7
SGMF	Saint Gilles		eSn	Pn	23 49 03.7 -0.6
SGMF			Pn	Pn	23 48 03.3 +1.7
SGMF	Saint Gilles		Sn	Pn	23 49 03.7 -0.6
SGMF			Lg	Pn	23 49 03.7
ECAB	1.9nm,0.3s	5.49 212	Pn	Pn	23 48 01.7 +0.1
ECAB	EI Cabril		Sn	Sn	23 49 00.9 -3.6
ECAB	0.4nm,0.2s,SNR=7.0		Lg	Lg	23 49 33.6
SMF	17nm,0.6s,SNR=7.9	5.54 44	ePn	Pn	23 48 03.7 +1.4
SMF	Signal de Mont		eSn	Pn	23 49 05.3 -0.4
SMF	4.4nm,0.2s	5.54 44	Pn	Pn	23 48 03.7 +1.4
SMF	Signal de Mont		Sn	Pn	23 49 05.3 -0.4
SMF	2.2nm,0.2s	5.54 44	Pn	Pn	23 48 07.1 +3.8
SMF		5.62 6	ePn	Pn	23 48 04.9 +1.4
SMF			eSn	Pn	23 49 07.0 -0.8
GRR	10nm,0.3s	5.62 6	Pn	Pn	23 48 04.9 +1.4
GRR	Gorron		Pn	Pn	23 49 07.0 -0.8
GRR			Sn	Pn	23 48 05.5 +1.8
GRR			Sn	Pn	23 49 07.1 -1.0
ROSF	10nm,0.3s	5.64 350	ePn	Pn	23 48 05.5 +1.8
ROSF	Rostreno		Pn	Pn	23 49 07.1 -1.0
ROSF			Sn	Pn	23 48 05.5 +1.8
ROSF			Sn	Pn	23 49 07.1 -1.0
SSF	5.2nm,0.3s	5.66 39	ePn	Pn	23 48 04.7 +0.6
SSF	Saint Saule		eSn	Pn	23 49 08.1 -0.7
SSF			Pn	Pn	23 48 04.7 +0.6
SSF			Sn	Pn	23 49 08.1 -0.7
EBAD	4.7nm,0.3s	5.68 226	Pn	Pn	23 48 04.2 -0.2
EBAD	Badajoz		Sn	Sn	23 49 06.6 -2.7
EBAD	0.1nm,0.2s,SNR=7.9		Lg	Lg	23 49 39.8
EBAD	1.7nm,0.4s,SNR=7.9		Lg	Lg	23 49 39.8
EQUE	26nm,0.9s,SNR=7.9	5.74 194	Pn	Pn	23 48 06.5 +1.3
EQUE	Quantar		Sn	Sn	23 49 08.3 -2.5
EQUE	0.2nm,0.4s,SNR=7.9		Lg	Lg	23 49 43.0
PCAS	31nm,0.7s,SNR=7.9	5.77 244	ePn	Pn	23 48 06.9 +1.4
PCAS	Casmilo, Conde		eSn	Pn	23 49 11.7 +0.3
PCAS			A	Pn	23 49 57.1
PCAS	17nm,0.6s	5.77 244	Pn	Pn	23 48 06.9 +1.4
PCAS	Casmilo, Conde		Sn	Pn	23 49 11.7 +0.3
ENIJ	1.6nm,0.3s,SNR=7.9	5.83 184	Pn	Pn	23 48 08.9 +2.4
ENIJ	Nijar		Pg	Pg	23 48 29.4 -2.7
ENIJ	9.4nm,0.5s,SNR=7.9		Lg	Lg	23 49 44.5
ENIJ			Lg	Lg	23 49 44.5
LDF	46nm,0.8s,SNR=7.9	5.91 11	ePn	Pn	23 48 08.5 +1.1
LDF	La Druitiere		eSn	Pn	23 49 12.5 -2.2
LDF			eSg	Pn	23 49 47.7 -0.2
LDF			Lg	Pn	23 48 12.4 +4.9
ORIF	2.6nm,0.3s	5.91 66	ePn	Pn	23 49 13.7 -1.3
ORIF	Oris-en-Rattie		eSn	Pn	23 48 12.4 +4.9
ORIF		5.91 66	Pn	Pn	23 49 13.7 -1.3
ORIF	7.1nm,0.5s		Sn	Pn	23 48 07.8 +0.2
ORIF	Oris-en-Rattie		Pn	Pn	23 49 12.2 -2.9
ORIF</					

HINF	Hinterfeld	7.87	47	ePn	Pn	23 48 36.0 +1.6
HINF	Hinterfeld			eSn	Pn	23 49 59.4 -3.7
comp=N,0.8nm,0.3s,SNR=7.9						
HINF	Hinterfeld	7.87	47	Pn	Pn	23 48 36.0 +1.6
HINF	Hinterfeld			Sn	Pn	23 49 59.4 -3.7
comp=N,0.4nm,0.3s						
PGF	Pioggiola	7.93	88	ePn	Pn	23 48 36.7 +1.4
PGF	Pioggiola			eSn	Sn	23 50 01.9 -2.8
PGF	Pioggiola	7.93	88	Pn	Pn	23 48 36.7 +1.4
PGF	Pioggiola			Sn	Pn	23 50 01.9 -2.8
BAIF	Baives	8.34	27	ePn	Pn	23 48 41.9 +1.1
BAIF	Baives			eSn	Pn	23 50 11.8 -2.9
comp=N,1.8nm,0.4s						
BAIF	Baives	8.34	27	Pn	Pn	23 48 41.9 +1.1
BAIF	Baives			Sn	Pn	23 50 11.8 -2.9
comp=N,0.9nm,0.4s						
CDF	Champ du Feu	8.46	45	ePn	Pn	23 48 43.4 +1.0
CDF	Champ du Feu			eSn	Pn	23 50 15.5 -2.1
comp=N,1.0nm,0.3s						
CDF	Champ du Feu	8.46	45	Pn	Pn	23 48 43.4 +1.0
CDF	Champ du Feu			Sn	Pn	23 50 15.5 -2.1
comp=N,0.0nm,0.3s						
GIVF	Givet	8.60	30	ePn	Pn	23 48 46.7 +2.4
GIVF	Givet			eSn	Pn	23 50 17.8 -3.1
comp=N,1.5nm,0.2s						
GIVF	Givet	8.60	30	Pn	Pn	23 48 46.7 +2.4
GIVF	Givet			Sn	Pn	23 50 17.8 -3.1
comp=N,0.8nm,0.2s						

NEIC 14 23:56:26.5-0.8,36:35N:01:02:96:82W:01:03,h2km,7km, Error ellipse: s-maj=3.8km s-min=1.9km az=71.0
TUL 14 23:56:26.1-1.6,36:35N:01:02:96:78W:01:03,h5km,7km, ML3.0,mb_Lg3.2/81(NEIC),Error ellipse: s-maj=3.6km s-min=2.0km az=73.0
ANF 14 23:56:27.1-0.3,36:35N:96:78W,h5km,ML3.6/13, Error ellipse: s-maj=3.4km s-min=3.0km az=178.0
ISC 14 23:56:26.6-0.8,36:34N:01:03:96:80W:01:03,h10km,n70, r104/52, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
T35A	Sooner Cattle	0.62	22	Pg	23 56 38.1	-0.6
T35B	Sooner Cattle	0.62	22	Pg	23 56 38.0	-0.6
bazz=200						
T35B				S	23 56 45.9	-0.9
TUL1	Leonard	0.92	117	Pg	23 56 43.5	-0.9
TUL1	Leonard	0.92	117	Pg	23 56 43.6	-0.7
bazz=299,SNR=37						
TUL1				S	23 56 55.3	-1.0
bazz=299						
OKCFA	Oklahoma City	1.06	210	S	23 56 46.1	-0.8
OKCFA	Oklahoma City	1.06	210	S	23 57 01.3	+0.3
bazz=30						
OKCSW	OKLAHOMA CITY	1.06	209	Pg	23 56 46.2	-0.8
FNO	Franklin	1.18	205	Pg	23 56 48.3	-0.9
U32A	Winter Ranch,	1.78	272	Pb	23 56 58.7	-0.5
U32A	Winter Ranch,	1.78	272	P	23 56 58.7	-0.5
bazz=90,SNR=13						
U32A				S	23 57 22.6	-1.1
X34A	Smith Ranch, M	1.93	206	Pb	23 57 00.9	-0.9
X34A				IAMB_Lg	23 57 30.2	
U38A	Gravette	1.95	86	Pb	23 57 01.5	-0.7
U38A				IAMB_Lg	23 57 31.3	
comp=Z,2.96nm,0.8s						
U38A	Gravette	1.95	86	P	23 57 01.8	-0.5
bazz=268						
U38A				S	23 57 27.0	+0.4
X37A	Clayton	2.10	146	Pb	23 57 03.5	-1.3
X37A	Clayton	2.10	146	P	23 57 03.4	-1.3
bazz=327,SNR=19						
X37A				S	23 57 30.9	+0.1
WMOK	Wichita Mounta	2.27	226	Pn	23 57 05.8	+1.6
WMOK	Wichita Mounta			IAMB_Lg	23 57 42.4	
comp=Z,7.33nm,1.0s						
WMOK	Wichita Mounta	2.27	226	P	23 57 05.8	+1.6
bazz=45,SNR=32						
HHAR	Hobbs	2.31	91	Pn	23 57 06.1	+1.4
R32A	Long Quarter,	2.58	324	P	23 57 09.2	+0.8
R32A	Long Quarter,	2.58	324	P	23 57 09.9	+1.5
bazz=143						
W39A	Magazine	2.71	114	Pn	23 57 11.5	+1.4
W39A				IAMB_Lg	23 57 53.6	
KSU1	Kansas State U	2.76	3	Pn	23 57 11.6	+0.6
KSU1				IAMB_Lg	23 57 52.4	
comp=Z,4.3nm,0.8s						
Z35A	Perchaven, San	3.02	187	Pn	23 57 15.7	+1.2
S39A	Bolivar	3.09	63	Pn	23 57 16.4	+0.9
S39A				IAMB_Lg	23 58 12.0	
comp=Z,1.14nm,0.7s						
S39A	Bolivar	3.09	63	P	23 57 16.4	+0.9
bazz=245,SNR=9.7						
MIAR	Mount Ida	3.18	123	Pn	23 57 18.0	+1.3
MIAR	Mount Ida	3.18	123	P	23 57 18.2	+1.6
bazz=306,SNR=29						
U40A	Yellville	3.19	89	Pn	23 57 17.8	+1.0
U40A	Yellville	3.19	89	P	23 57 17.7	+1.0
bazz=271,SNR=25						
U40A				S	23 57 56.0	+1.2
bazz=271						
U40A				S	23 57 56.0	+1.2
CBKS	Cedar Bluff	3.40	318	Pn	23 57 20.6	+0.9
CBKS				IAMB_Lg	23 58 22.8	
Z38A	Mt. Pleasant	3.42	154	Pn	23 57 21.2	+1.3
Z38A				IAMB_Lg	23 58 21.1	
MGMO	Mountain Grove	3.73	76	Pn	23 57 24.3	+0.1
FCAR	Ozark Folk Cen	3.81	95	Pn	23 57 26.1	+0.8
FCAR				IAMB_Lg	23 58 36.9	
comp=Z,30nm,0.8s						
WHAR	Woolly Hollow	3.81	105	Pn	23 57 27.1	+1.7
WHAR				IAMB_Lg	23 58 27.3	
comp=Z,50nm,1.0s						
W41B	Gary Maury, V	3.88	106	P	23 57 27.2	+0.9
bazz=283,SNR=14						
WLAR	White Oak Lake	4.02	130	Pn	23 57 28.8	+0.8
WLAR				IAMB_Lg	23 58 40.7	
comp=Z,2.8nm,0.7s						
R40A	Maddies Statio	4.11	60	Pn	23 57 29.9	+0.6
R40A				IAMB_Lg	23 58 43.5	
comp=Z,2.9nm,0.8s						
R40A	Maddies Statio	4.11	60	P	23 57 30.0	+0.7
bazz=243,SNR=6.8						
P38A	Dawn	4.17	37	Pn	23 58 39.0	
AMTX	Amarillo	4.23	251	IAMB_Lg	23 58 44.1	
comp=Z,4.8nm,1.0s						
WHXY	Lake Whitney,	4.37	187	Pn	23 57 34.0	+1.0
ABTX	Abilene, Hawle	4.39	213	IAMB_Lg	23 58 51.1	
comp=Z,2.8nm,1.0s						
LCAR	Lake Charles	4.57	92	Pn	23 57 36.5	+0.7
LCAR				IAMB_Lg	23 58 51.8	
comp=Z,3.1nm,0.8s						
N35A	Tabor	4.61	11	Pn	23 57 36.9	+0.6
T42A	Van Buren	4.64	80	Pn	23 57 37.7	+1.0
T42A				IAMB_Lg	23 58 52.5	
comp=Z,5.5nm,0.7s						
T42A	Van Buren	4.64	80	Pn	23 57 37.9	+1.2
bazz=283,SNR=24						
CCM	Cathedral Cave	4.75	67	Pn	23 57 39.0	+0.7
CCM				IAMB_Lg	23 59 05.5	
comp=Z,5.7nm,0.8s						
NATX	Nacogdoches	4.90	158	IAMB_Lg	23 59 14.3	
NATX				IAMB_Lg	23 58 60.0	
comp=Z,2.5nm,0.8s						
PBMO	Poplar Bluff	5.15	83	IAMB_Lg	23 59 15.6	
comp=Z,2.5nm,0.7s						
BGNE	Belgrade	5.17	349	IAMB_Lg	23 59 17.0	
comp=Z,6.8nm,0.7s						
N38A	Joes South For	5.25	31	IAMB_Lg	23 59 20.2	
comp=Z,5.3nm,0.7s						
FVM	French Village	5.35	70	IAMB_Lg	23 59 17.8	
comp=Z,5.6nm,0.8s						
435B	Jarell	5.58	187	IAMB_Lg	23 59 39.0	

OGNE	Ogallala	6.16	320	IAMB_Lg	23 59 52.1	
T25A	Trinidad	6.16	280	IAMB_Lg	23 59 53.6	
comp=Z,3.3nm,0.8s						
SCIA	State Center	6.22	26	IAMB_Lg	23 59 49.1	
comp=Z,1.8nm,0.8s						
SIUC	Southern Illin	6.22	75	IAMB_Lg	23 59 43.2	
comp=Z,4.3nm,0.8s						
W45A	Hickory Valley	6.30	99	IAMB_Lg	23 59 43.8	
comp=Z,3.2nm,0.7s						
JCT	Junction City	6.36	204	IAMB_Lg	23 59 56.5	
comp=Z,3.1nm,0.7s						
Y45A	Yeager Farm, C	6.44	110	IAMB_Lg	00 00 07.9	
comp=Z,3.9nm,0.7s						
K38A	Parkersburg	7.03	25	IAMB_Lg	00 00 23.8	
comp=Z,4.1nm,0.9s						
L40A	Anamosa	7.17	35	IAMB_Lg	00 00 15.6	
comp=Z,2.4nm,0.8s						
L42A	Oliver, Polo	7.92	42	IAMB_Lg	00 00 38.3	
comp=Z,2.5nm,0.8s						
I37A	Lemond, Waseca	8.10	18	IAMB_Lg	00 00 50.5	
comp=Z,1.9nm,0.8s						
X48A	Hartselle	8.19	100	IAMB_Lg	00 00 47.0	
comp=Z,1.2nm,0.8s						
P46A	Rosedale	8.25	64	IAMB_Lg	00 00 55.5	
comp=Z,3.3nm,0.8s						
JFWS	Jessel Farm	8.29	36	IAMB_Lg	00 00 56.8	
comp=Z,3.3nm,0.8s						
K22A	Casper	9.80	313	IAMB_Lg	00 01 58.6	
comp=Z,1.2nm,0.9s						
TIGA	Tifton	12.01	110	P	23 59 19.4	+1.5
bazz=298,SNR=5.7						

NNC 15 00:21:51.4:2.1,38:32N:56:76E,h0km,mb3.5,4C-1D, Error ellipse: s-maj=27.6km s-min=8.0km az=38.0, Iran-Turkmenistan border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GYA0B	ALIBECK ARRAY	1.14	109	Op	00 22 12.9	-0.4
GYA0B				ISC	00 22 29.0	-0.4
GYA0B				Pg	00 24 34.5	+2.1
AB31	Akbulak array	11.17	11	Pn	00 26 37.3	-0.6
0.8nm,0.6s,bazz=193,slow=13,SNR=16						
AB31				ISC	00 26 37.3	-0.6
AKTO	Aktobinsk	12.15	4	Op	00 24 47.3	+1.6
0.6nm,0.5s						
AKTO				ISC	00 27 01.6	-0.2
1.6nm,0.9s						

ZUR 15 00:32:50.8,46:34N:7:52E,h3km,1km,MLh0.5/10,10C, Error ellipse: s-maj=2.0km s-min=0.3km az=117.0, Switzerland

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SIEB	Ecole de Borzu	0.05	165	Op	00 32 52.0	+0.1
SIEB				Pg	00 32 52.0	+0.1
0.5nm,SNR=4.3						
LKBD	Leukerbad	0.09	61	Pg	00 32 52.9	+0.2
LKBD				Pg	00 32 52.9	+0.3
0.2nm,SNR=5.2						
LKBD				Pg	00 32 54.3	+0.5
LKBD2	Leukerbad 2	0.09	71	Op	00 32 53.0	+0.3
LKBD2				Pg	00 32 53.0	+0.3
0.2nm,SNR=3.7						
SEINL	Lac Senin/Sane	0.15	277	Op	00 32 54.0	+0.2
SEINL				Pg	00 32 54.0	+0.2
0.1nm,SNR=2.3						
SEINL	Senin-Valere	0.15	224	Op	00 32 56.3	+0.4
SEINL				Pg	00 32 53.8	+0.1
0.3nm,SNR=1.7						
LAUCH	Lauchernalp	0.19	68	Op	00 32 54.9	+0.3
LAUCH				Pg	00 32 54.9	+0.3
0.1nm,SNR=1.6						
EMBD	Embd, Mattered	0.25	120	Sg	00 32 59.1	+0.1
SVIO	Viop Obere Sta	0.26	102	Sg	00 32 59.4	+0.3
DIX						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DOT, YUK3, YUK2, YUK4, YUK6, YHT, DLBC, YKA, YKA, RES, RES, NVAR.

IDC 15 01:06:33.0, 1.9, 37.61N, 77.87E, h0km, mb3.8/4, mb1 3.8/8, mb1mx3.6/37, mbtmp3.8/8, ML3.5/4, MS3.8/3, Ms1 3.8/3, ms1mx2.9/42, Error ellipse: s-maj=28.5km s-min=25.9km az=143.0

NMC 15 01:06:40.7, 2.9, 37.94N, 77.81E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=20.7km s-min=17.0km az=154.0

ISC 15 01:06:35.1, 4.3, 37.69N, 0.09, 77.95E, 0.07, h10km, n32, s167/34, mb3.7/4, MS3.5/3, 7C-9D, Southern Xinjiang

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KSH, SATY, TNSS, MDOK, UZB, TKM2, MTBS, KST, KNDC, KOTS, SHLS, AAK, PDGK, KTMS, BLB, KK31, MAK2, MK31, MKAR, MKAR, BVAR, ZALV, AKTO, SOMM, CMAR, FINES, ARCES, NB2, NOA, KEST, TORD, PMG.

ANF 15 01:14:53.6, 5.8, 40.30N, 128.96W, h0km, ML3.4/1, Error ellipse: s-maj=64.0km s-min=12.3km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KSM, JCC, JCC, JCC, JCC, KCRM, KRMB, KRMB, KHMM, KHMM, KHMM, KMRM, KMRM, KMRM, KBO, KBO, KBO, KBSM, KOMM, KCPM, KCPM, KEBM, KEBM, K02E, L02Z, M02C, M02C, J01E, J01E, YBHC, YBHC, HOPS, HOPS, HULL, DBO, DBO, L04D, L04D, O03E, O03E, I03D, I03D, M02C, M02C, M04C, M04C, K05A, K05A, J05D, J05D, MOD, MOD, MOD, MOD, H04A, H04A, PINE, PINE, SAO, SAO, I07A, I07A.

IDC 15 01:30:16.6, 3.8, 5.18S, 152.24E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/38, mbtmp3.5/3, Error ellipse: s-maj=131.5km s-min=53.0km az=122.0, New Britain region

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

DJA 15 01:33:31.8, 1.6, 2.7N, 127.59E, h250km, 98km, M4.2/6, mb4.2/1, MLV4.2/6

IDC 15 01:33:34.9, 10.0, 1.87N, 127.59E, h250km, 98km, mb3.5/4, mb1 3.5/5, mb1mx3.0/44, mbtmp4.0/5, Error ellipse: s-maj=93.6km s-min=19.3km az=60.0

ISC 15 01:33:29.6, 1.5, 2.1N, 128.2E, 0.2, h200km, n11, s074/10, mb4.0/4, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TNTI, SGSI, KMSI, SANI, GTOI, LUWI, FITZ, WRA, ASAR, ASAR, STKA, MKAR, WRA, STKA, MKAR, STKA, MKAR, KURBB.

IDC 15 01:58:44.0, 1.7, 1.84N, 127.76E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.5/60, mbtmp3.7/5, ML3.0/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/33, Error ellipse: s-maj=96.3km s-min=22.8km az=68.0

DJA 15 01:59:03.7, 1.1, 1.1N, 127.7E, 1.0, h85km, 15km, M4.3/9, mb4.3/3, mB5.1/1, MLV4.3/9, Mw(Mb)4.9/1

ISC 15 01:59:02.1, 3.1, 1.07N, 127.4E, 0.1, h100km, n14, s221/12, mb3.7/4, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TNTI, SGSI, SANI, KMSI, GTOI, LUWI, APSI, MPSI, BATTI, FITZ, WRA, ASAR, STKA, MKAR.

DJA 15 02:06:07.4, 0.4, 6.5S, 107.5E, h10km, M3.5/9, MLV3.5/9

IDC 15 02:06:35.1, 3.6, 7.3S, 107.54E, h76km, 93km, mb3.5/4, mb1 3.7/3, mb1mx3.1/43, mbtmp3.8/3, Error ellipse: s-maj=20.4km s-min=30.4km az=8.0

ISC 15 02:06:08.6, 1.1, 6.1S, 105.42E, 0.09, h26km, n15, s126/16, mb3.6/3, Sunda Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BLSI, SBUJ, KASI, KLI, DBJI, CBJI, KLSI, LWLI, MDSI, CNJI, LEM, LHSI, WRA, ASAR, STKA.

TAP 15 02:06:59.8, 24.24N, 121.80E, h15km, ML3.4/B

JMA 15 02:06:59.7, 0.1, 24.24N, 121.81E, h0km, M2.9

ISC 15 02:06:00.0, 0.6, 24.24N, 102.12E, 0.02, h13km, 5km, n178, s062/130, 14D, Taiwan

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for EHP, EHP, ETL, ENA, ENA, EWUT, EWUT, NACB, NACB, TWD, TWD, TWD, ETLH, ETLH, HWA, HWA, HWA, TWC, ETM, ETM, NDS, NDS, NYS, NYS, NNSB, NNSB, NNS, NNS, NDT, NDT, ENT, ENT, TWE, TWE, WHF, WHF, FUSS, FUSS, FUSS, ILA, ILA, ESL, ESL, TWT, TWT, TWT, YHNB, YHNB, YHNB, TDCB, TDCB, TDCB, NSK, NSK, NNLW, NNLW, NNLW, CHGB, CHGB, CHGB.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like NTC Toucheng, NTC, OWD Renai, OWD, EGFH Guangfu, EGFH, TIPB Shuangxi, TIPB, NHFB Xindian Distri, TWA Mucha, TWA, TWB1 Santiao Chiao, TWB1, WHP Taichung City, WHP, HGSD Ruisui, HGSD, NWF Wu-fen Shan, NWF, LIQB Emei, LIQB, NIOS Nanjuang, NIOS, NSTT Beigang Elemen, NSTT, WCS, WCS, EHY Hungye, EHY, EHY, EHY, SSLB Suanglung, SSLB, SMLT Sun Moon Lake, SMLT, NCUH Zhongli, NCUH, NCU National Centr, NCU, YM01, YM01, SBCB Hsinchu, SBCB, TYC Yuchr, TYC, TWQ1 Liyutan, TWQ1, YULB Yu-li, YULB, NSY Sanyi, NSY, NMLH Miaoli, NMLH, NTST Danshui, NTST, WHY Xinyi Township, WHY, WDJ Dajia District, WDJ, YUS Yu-Shan, YUS, YOJ Yonaguni jima, YOJ, FULB Fuli, FULB, ALS Alshan, ALS, CHN5 Tsauling, CHN5, ECS Chishang, ECS, ELDTW Lidau, ELDTW, WRL Guolierlin Hig, WRL, PCYT Pengchayiu, PCYT, CHN4 Tsauhsan, CHN4, STYH Taoyuan, STYH, WTP Ta-pu, WTP, TWK Hsinying, TWK, CHN1 Nanshi, CHN1, SLGT Liugui, SLGT, IRIF Iriomote-Funau, IRIF, MASBT Mashibuluo, MASBT, JKRS Kuro-shima, JKRS, JIJ Ishigaki jima, JIJ, JISG Ishigakijimahi, JISG, JTJ Tarama, JTJ

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KSL, KSL, KSL, AKUM Antalya-Kumluca, AKUM, ELL Elmal, ELL, ELL Elmal, ELL, KEMT Kemer-ANTALYA, KEMT, FETHY Fethiye, FETHY, FETHY Fethiye, FETHY, FETHY Fethiye, FETHY, KORT Korkuelli, KORT, KORT Korkuelli, KORT, ANTB Antalya, ANTB, CAME Camel-Denizli, CAME, CAEL Denizli, Camel, CAEL, CAEL, DALY Dalyan (Mula), DALY, DALY Dalyan (Mula), DALY, BURDUK Burdur, Bucak, BURDUK, ARG Arkhangelos, ARG, ARG Arkhangelos, ARG, ARG Arkhangelos, ARG, KEKZ Antalya-Kepez, KEKZ, BRDR BURDUR-Merkez, BRDR, TAVA DENIZLI_Tavas, TAVA, YER Yerkesisik, YER, YER Yerkesisik, YER, MULA Mugla, Merkez, MULA, MULA, ISP Isparta, ISP, BASM Basmakli-Afyon, BASM, SEDI Konya, Seydisse, SEDI, BAGO Egridir - ISPA, BAGO, SEYD Seydissehir-KON, SEYD, MLBS Milas, MLBS, KZIL AFYON_Kiziroren, KZIL, HDMB Hadim, HDMB, BDRM Kayabasi, BDRM, PASA Karahalli, USA, PASA, AYDN Tasiluk, AYDN, AKMS Akamas, AKMS, AKMS, AKMS, NIS1 Nisyros Isl., NIS1, BODT Bodrum, BODT, YVAC Isparta, Yalva, YVAC, YVAC Isparta, Yalva, YVAC, ALFC Alefka, ALFC, ALFC, DOGA KONYA_Doganhis, DOGA, DOGA, ERMK Ermenek, ERMK, ERMK, KMER Konya-Merem, KMER, NATA Nata, NATA, MAINT Manisa, MAINT, LEF Lefka, LEF, KKBE Karaman, Kazim, KKBE, USAK Uak-Merkez, USAK, GCAM G?zelcam?, GCAM, SZAC Souni, SZAC, SZAC, SMG Samos, SMG, GZG Gediz, GZG, ASGA Atagata, ASGA, OSC2 CSNet OBS 4, OSC2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EDH Donghe, EDH, EDH, EYUL Yuli, EYUL, EYUL, TWFI Yuli, TWFI, YULB Yu-li, YULB, YULB, HGSD Ruisui, HGSD, HGSD, EHY Hungye, EHY, EHY, LONT Longtian, LONT, LONT, ELDTW Lidau, ELDTW, ELDTW, TWGBT Beinan, TWGBT, TWGBT, TWG Pinlang, TWG, TWG, LDUT Lidau, LDUT, LDUT, TTTN Taitung, TTTN, TTTN, EGFH Guanguo, EGFH, YUS Yu-Shan, YUS, YUS, STYH Taoyuan, STYH, STYH, STYT Taoyuan, STYT, STYT, ESL Shilin, ESL, ALS Alshan, ALS, ALS, ECL Taimali, ECL, ECL, SLGT Liugui, SLGT, SLGT, TPUB Ta-pu, TPUB, TPUB, WHYT Xinyi Township, WHYT, WHYT, WTP Ta-pu, WTP, WTP, SSSLB Suanglung, SSSLB, SSSLB, SGST Jiashian, SGST, CHN4 Tsauhsan, CHN4, CHN4, CHN5 Tsauling, CHN5, CHN5, OWD Renai, OWD, OWD, CHN1 Nanshi, CHN1, SSSD Sandimen, SSSD, TSMG Majia, TSMG, TSMG, SNST Tainan City, SNST, SMLT Sun Moon Lake, SMLT, SMLT, TWK Hsinying, TWK, TWK, MASBT Mashibuluo, MASBT, MASBT, TAW Ta-pu, TAW, WJS Zhushan, WJS, WJS, EAST Anshuo, EAST, CHGB Renai, CHGB, CHGB, TWD Chiawan, TWD, CHN2 Minshihuo, CHN2, WDLH Douliu, WDLH, CHN3 Shinhua, CHN3, CHY Chiayi, CHY, CHY, WNT Mingjian, WNT, WNT, WHF Hehuan Shan, WHF, WHF, WCS Beigang Elemen, WCS, WCS, NACB Nigangchiao, NACB

DDA 15 02:08:01.3, 35.95N; 29.86E, h34km, ML2.6
THE 15 02:08:01.4, 36.22N; 30.07E, h15km, 1km, ML2.6/2, Error ellipse: s-maj=3.0km s-min=0.9km az=168.0
ISC 15 02:08:02.7, 36.19N; 29.88E, h28km, ML2.8/12
NIK 15 02:08:02.8, 0.0, 36.14N; 30.07E, h19km, 1km, ML2.6/4
ISC 15 02:08:02.4, 1.1, 36.15N; 0.0, 29.95E; 0.02, h32km, 2km, n60, r136/91, 1D, Turkey

JMA 15 02:19:06.1, 0.1, 23.15N; 121.49E, h15km, 3km, M2.9
TAP 15 02:19:07.6, 23.17N; 121.35E, h17km, ML3.6, B
ISC 15 02:19:07.1, 0.9, 23.15N; 0.02, 121.44E; 0.02, h20km, n94, r1500/145, 4C-15, Taiwan

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CHKT Chengkung, CHKT, CHKT, FULB Fuli, FULB, FULB, ECBN Changbin, ECBN, ECBN, ECS Chishang, ECS, ECS, CHY Chiayi, CHY, CHY, WNT Mingjian, WNT, WNT, WHF Hehuan Shan, WHF, WHF, WCS Beigang Elemen, WCS, WCS, NACB Nigangchiao, NACB

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like XINBI, XIULIN TOWNSHI, FANGLIU, etc.

IDC 15 02:31:38.61.1.48.91N:155.45E, h0km, mb3.6/8, mb1 3.8/10, mb1mx3.6/34, mbtmp3.7/10, ML3.2/2, MS3.0/4, Ms1 3.0/4, ms1mx2.7/53, Error ellipse: s-maj=33.5km s-min=22.5km az=118.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Severo-Kuril's, SKR, etc.

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like PET, UGLR, AVH, etc.

MOS 15 02:36:43.9.0.6, 42.80N:146.37E, h76km, mb4.3/1, Error ellipse: s-maj=42.2km s-min=11.8km az=117.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Nemuro 2, NMR, etc.

Table with columns: STATION, NAME, TIME, RES, and various codes. Includes stations like JNK, JRA, Rausu, etc.

GCG 15 02:53:55.3.0.5, 14.75N:92.98W, h50km, 704km, MD4.3 NEIC 15 02:53:58.7.1.8, 14.54N:0.06:92.75W:0.05, h52km, 9km, Md4.2/31, Md4.6/20(MEX), Error ellipse: s-maj=5.9km s-min=6.7km az=201.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like THIG, THIG, THIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like EKSU Eksjoje, DAVOX Davos/Dischmat, DAVOX comp=Z,0.2nm,0.3s,baz=75,slow=20,SNR=1.7, etc.

IDC 15 04:53:06.31.6.6.79S:127.33E,h0km,mb4.5/2, mb1 4.2/6,mb1mx3.8/46,mbtmp4.2/6,ML3.9/4,MS2.7/4, Ms1 2.7/4,ms1mx2.4/49,Error ellipse: s-maj=54.3km s-min=23.3km az=79.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like BATI Baunata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

THR 15 04:04:09.6:0.4,38.86N:48.93E,h15km,5km,ML3.0 TEH 15 04:04:10.4,38.84N:48.90E,h20km,ML3.1 ISH 15 04:04:10.2:1.1,38.88N:0.008:48.91E:0.04,h10km,n31, r=103/31,2c,Iran,Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like GRMI Germi, AHAR Ahar, IHRM Heris, etc.

NEIC 15 04:09:07.7:1.7,14.3S:0.1:167.4E:0.2,h153km,8km, mb4.2/10,Error ellipse: s-maj=30.7km s-min=15.2km az=110.0

IDC 15 04:09:09.7:9.6,14.39S:167.17E,h153km,87km,mb3.4/3, mb1 3.5/4,mb1mx3.2/42,mbtmp3.8/4,Error ellipse: s-maj=76.1km s-min=42.7km az=170.0

ISC 15 04:09:09.1:1.1,14.40S:0.10:167.4E:0.2,h170km,n20, r=165/22,mb3.9/6,Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SANVU Saraoutout, MARNC Mare, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR Alice Springs, BBOO Buckleboe, KNRA Kunurra, etc.

IDC 15 04:26:21.1:3.9,6.26S:148.39E,h0km,mb3.5/2, mb1 3.7/3,mb1mx3.4/36,mbtmp3.5/3,ML3.6/1, Error ellipse: s-maj=108.4km s-min=50.1km az=115.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 15 04:51:36.3:3.6,59.97N:153.15W,h94km,24km,mb3.9/1, mb1 3.7/5,mb1mx3.2/38,mbtmp3.9/5,Error ellipse: s-maj=70.1km s-min=11.5km az=97.0

ANF 15 04:51:36.5:0.2,59.90N:153.18W,h120km,2km,ML3.5/48, Error ellipse: s-maj=2.4km s-min=1.9km az=103.0

NEIC 15 04:51:36.8:0.9,59.92N:0.03:153.15W:0.06, h122km,4km,Error ellipse: s-maj=5.8km s-min=1.9km az=134.0

AEIC 15 04:51:38.1:6,59.92N:0.03:153.21W:0.08,h114km,3km, ML3.2,ML3.4/118(NEIC),Error ellipse: s-maj=5.5km h124km,6km,n244,c0569/249,Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like ILS Iliamna Low So, IVE Iliamna Volcan, P19K Oil Pt, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like FIS Fire Island, SUA Susitna One, MGLS Maigek Landli, etc.

15d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Denali Highway, TAPS Pump S112, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Pinnacle, Moose Creek, etc. Includes NEIC and ANF event details.

602

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations like NGJI Ngawi, SMRI Semarang, etc. Includes TAP, IDC, NNC, SEM, ZSN, IDC, WRA, IDC, WRA, IDC, NOU, and DJA event details.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for codes 0K005 through 3462A.

Table with columns: JFWS, Jewell Farm, 8.90 36, IAMB_Lg, 06 54 45.2. Contains station data for codes LRAL through NAC.

Table with columns: TBM, Table Mountain, 1.46 95, Pn, 07 00 58.2 +1.2. Contains station data for codes B06A through PCIG.

Table with columns for location, coordinates, elevation, and other details. Includes entries like IPMB Ipanema, GO 33.77 119 eP, PTGB Pitanga 33.98 133 eP, TIGA Titon 34.14 353 P, etc.

Table with columns for location, coordinates, elevation, and other details. Includes entries like MIAR Mount Ida 39.43 341 P, W41B Gary Mavly, VZ 39.60 343 P, VAS01 Vassouras-RJ 39.60 123 eP, etc.

Table with columns for location, coordinates, elevation, and other details. Includes entries like BINY Binghamton 44.67 3 P, L59A Walton 44.72 4 Iamb, Y22D IRIS PASSCAL I 45.01 327 Iamb, etc.

15d 10h

Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like PDMCI Parker Dam, Lak, RMX La Rumorosa, SWSC Sam W. Stewart, etc.

2015 OCT

Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like R11A Troy Canyon, ISA Isabella, Lake, ISA Isabella, Lake, etc.

608

Table with columns: Station, Name, Frequency, Power, Direction, and other details. Includes stations like NEW Newport, NEW Newport, G05D Wamic, OR, etc.

15d 14h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRSC Jasper Ridge, SCCB Santa Clara Co, MHC Mount Hamilton, etc.

MEX 15 13:21:22.0±0.5, 27.57N±0.111, 111.67W, h63km, 10km, MD4.0
ECX 15 13:21:22.0±0.4, 27.75N±0.111, 111.72W, h144km, 26km, MD3.7

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, etc.

GUC 15 13:21:12.8±0.7, 31.53S±0.171, 75W, h21km, 4km, ML4.2
IDC 15 13:21:15.4±2.9, 31.59S±0.171, 74W, h44km, 26km, mb3.4/2,
mb1 3.8/6, mb1mx3.5/28, mbtmp3.7/6, ML4.0/4, MS2.9/3,
Ms1 2.9/3, ms1mx2.8/19, Error ellipse: s-maj=39.8km
s-min=26.7km az=102.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO06 Fray Jorge, VA06 Catapilco, VA01 Torpederas, etc.

2015 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MT09 Talageta, MT01 Popeta, LMEL Las Melosas, LCO Las Campanas, etc.

IDC 15 13:24:43.5±2.1, 01.02S±1.18, 154E, h0km, mb3.3/1,
mb1 3.5/6, mb1mx3.3/45, mbtmp3.4/6, ML3.2/4, Error
ellipse: s-maj=55.3km s-min=24.1km az=54.0
DJA 15 13:24:50.7±0.5, 10.5±4.1, 119E, h10km, M3.6/7, mb3.7/1,
ML3.6/7

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, PLAI Taliwang, etc.

IDC 15 13:29:55.4±2.5, 3.05S±0.185, 89E, h0km, mb3.3/2,
mb1 3.8/5, mb1mx3.5/45, mbtmp3.6/5, ML3.5/3, Error
ellipse: s-maj=54.3km s-min=25.5km az=67.0, Irian
Java region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJ1 Sorong, WRA Warrungga Arr, FITZ Fitzroy Crossi, etc.

Bougainville-Solomon Islands region 614

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungga Arr, ASAR Alice Springs, CMAR Chang Mai Arr, etc.

IDC 15 13:41:58.8±1.4, 19.41S±1.77, 145W, h550km, 17km, mb3.1/7,
mb1 3.4/11, mb1mx3.1/30, mbtmp4.1/11, Error ellipse:
s-maj=27.8km s-min=14.4km az=147.0
ISC 15 13:41:58.5±0.8, 19.3S±0.2, 177.3W±0.1, h550km, n12,
r154/14, mb3.7/7, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsava, AFI Afiamu, DZM Mont Dzumac, etc.

KRSC 15 14:05:37.4±1.1, 48.76N±157.13E, h31km, 21km, ML4.0
IDC 15 14:05:41.0±6.5, 49.27N±155.39E, h0km, mb3.4/2,
mb1 3.4/3, mb1mx3.3/49, mbtmp3.4/3, ML2.2/1, MS2.7/1,
Ms1 2.7/1, ms1mx2.4/31, Error ellipse: s-maj=147.8km
s-min=34.0km az=131.0

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

IDC 15 14:10:35.9±1.0, 49.22S±120.56E, h0km, mb3.8/7,
mb1 4.0/8, mb1mx3.8/23, mbtmp3.9/8, ML2.4/1, MS3.7/13,
Ms1 3.6/13, ms1mx3.5/35, Error ellipse: s-maj=41.4km
s-min=17.4km az=104.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H102W Cape Leeuwin H, H101W Cape Leeuwin H, NWA0 Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, SNA Sanae, VNA3 Neumayer-Watz, etc.

IDC 15:14:34:0.4, 2.2, 8.60S, 120.78E, h165km, 18km, mb3.9/1, m1 3.4/7, mb1mx3, 1/1, mbtmp 3.9/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/4.3, Error ellipse: s-maj=41.9km s-min=15.4km az=55.0

DJA 15:14:07.0, 0.4, 8.5S, 121.1E, h195km, 4km, M3.7/6, mb4.0/3, MLV3.6/6

ISC 15:14:34:06.9, 0.9, 8.45S, 107.12126E, 0.06, h200km, n17, o171/22, Flores region

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EDFI Ende, MMRI Maumere, WBSI Waikabubak, etc.

IDC 15:01:31.6, 0.5, 36.81N, 143.50E, h0km, mb4.4/24, mb1 4.5/30, mb1mx4.4/46, mbtmp 4.3/30, ML2.5/MS3.4/17, Ms1 3.4/17, ms1mx3.1/52, Error ellipse: s-maj=14.1km s-min=12.1km az=126.0

BUI 15:01:34.3, 0.0, 37.20N, 143.15E, h14km, mb4.9/26, mb4.6/45, Ms4.0/10, Ms7.3/6/8

NEIC 15:01:34.5, 1.7, 37.02N, 143.27E, 0.08, h13km, 3km, mb4.8/159, Error ellipse: s-maj=9.4km s-min=7.5km az=121.0

JMA 15:01:35.3, 0.2, 37.00N, 143.29E, h58km, M4.4

NIED 15:01:35.3, 37.00N, 143.29E, h58km, MW4.2, Moment Tensor Solution, s3

MOS 15:01:35.2, 1.1, 37.30N, 143.41E, h22km, mb4.8/27, Error ellipse: s-maj=1.6km s-min=5.0km az=97.7

ISC 15:01:34.3, 1.1, 37.03N, 143.40E, 0.04, h17km, 6km, n339, o193/356, mb4.7/124, MS3.6/17, 2C-3D, Off east coast of Honshu

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IJIKH Ishinomakikobu, JFJK Kawauchi, ONAJ Iwakimizuishiy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INU Inuyama, JMW Eniwo, NEM Nemuro-Hokkai, etc.

RUSJ Misakicho, YUZH Yuzh-Kuril'sk, etc.

JMN Monobe, JHS Saiji, KUR Kuri'sk, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JCC Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

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JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

JSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

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

GYA Guiyang, GTA Gaotai, etc.

WMO Urumqi, CMAR Chiang Mai Arr, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

15d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Aracena, POC Station P, Humberstone, etc.

2015 OCT

Table with columns: WHF, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hehuan Shan, Yeheng, Sanguang, etc.

618

Table with columns: WCHH, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zhonghua, Yuanlin Townsh, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Heping Village, Nanau, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like NNS Nan Shan, TWE Neicheng, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WDJ Dajia District, WHYT Kim Township, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like GCMP Grenada, Carri, BBGH Gun Hill, etc.

VAO 15 18:12:19.0, 1.4, 10:57N:59:96W, h10km, mb4.3
IDC 15 18:12:20.5-0.9, 10:31N:60:39W, h0km, mb3.8/8,
mb1 4.2/12, mb1mx0.4/33, mbtmp3.9/12, ML3.4/4, MS3.4/9,
M1 3.3/9, ms1mx3.1/32, Error ellipse: s-maj=26.5km
s-min=19.7km az=177.0
NEIC 15 18:12:23.8, 1.7, 10:31N:0:06:40:43W, 0:07, h10km, 1km,
mb4.3/8, Error ellipse: s-maj=12.6km s-min=8.7km
az=121.0
TRN 15 18:12:27.2, 10:40N:60:24W, h41km, MD4.1
ISC 15 18:12:23.8, 1.3, 10:25N:0:04:60:21W, 0:04, h30km, 10km,
mb1, 0:03/97, mb3.9/11, MS3.4/7, Trinidad

IDC 15 18:16:38.4, 1.6, 1:69N:95:26E, h0km, mb3.6/4, mb1 3.9/7,
mb1mx3.6/39, mbtmp3.7/7, ML3.7/3, MS3.2/3, M1 3.2/3,
ms1mx2.8/44, Error ellipse: s-maj=46.6km s-min=22.2km
az=6.0
DJA 15 18:16:41.3, 2.7, 2:4N:4:9:5E, 1:0, h14km, 18km, M4.3/7,
mb4.7/5, ML4.2/7
ISC 15 18:16:40.6, 1.0, 1:84N:0:08:95:32E, 0:08, h10km, m23,
@1945/17, mb3.7/4, Off west coast of northern Sumatra

15d 18h

H0S2	Diego Garcia H	24.65 247	T	T	18 48 24.1
H0S3	Diego Garcia H	24.65 247	T	T	18 48 26.0
H0S1	Diego Garcia H	24.65 247	T	T	18 48 27.1
H01W3	Cape Leeuwin H	40.57 156	T	T	19 08 06.9
H01W2	Cape Leeuwin H	40.58 156	T	T	19 07 58.4
H01W1	Cape Leeuwin H	40.59 156	T	T	19 08 10.0
WRA	Warramunga Arr	49.97 121	P	P	18 24 48.3 0.0
ASAR	Alice Springs	45.28 126	P	P	18 24 56.6 -2.2
MKAR	Makanchi Array	46.19 348	P	P	18 25 06.4 +0.7
ZALV	Zalesovo Beam	52.65 352	P	P	18 25 54.9 0.0
NRK1	Noril'sk	67.56 357	LR	LR	19 01 22.7
VRAC	Vranoy	81.26 320	LR	LR	19 07 14.5

ASIES 15 18:17:53.9,24:33N,121:74E,h25km,MW3.7
 JMA 15 18:17:53.9,0.1,24:27N,121:71E,h24km,2km,M3.4
 TAP 15 18:17:54.2,24:33N,121:74E,h16km,ML4.0,A
 BUJ 15 18:17:56.9,0.0,24:67N,121:57E,h19km,mb3.9/2,
 ML3.7/2

ISC 15 18:17:54.3,0.8,24:31N,0:01,121:75E,0:02,h17km,5km,
 n122,0:06/193,2C-14D,Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
EHP	Heping Village	0.01 261	Op	18 17 57.5	+0.2
EHP	baz=158		S	18 18 00.2	+0.9
ENA	Nanau	0.12 354	↑P	18 17 58.0	-0.1
ENA	baz=6.0		S	18 18 00.8	+0.1
EWUT	Wuta	0.14 9	↑P	18 17 58.3	0.0
EWUT	baz=18		S	18 18 01.2	0.0
ETL	Fush Village	0.19 218	P	18 17 59.4	-0.1
ETL	baz=210		S	18 18 02.8	-0.1
NACB	Ninganchiao	0.20 227	↑P	18 17 59.3	-0.3
NACB	baz=219		S	18 18 02.9	-0.2
ETLH	Xiulin Townshi	0.27 247	P	18 18 00.5	-0.3
ETLH	baz=241		S	18 18 04.6	-0.5
TWD	Chiawan	0.27 212	iP	18 18 00.5	-0.3
TWD	baz=205		iS	18 18 05.9	+0.8
TWC	Suao	0.31 16	↑P	18 18 00.8	-0.1
TWC	baz=22		iS	18 18 04.8	-0.7
NDS	Dongshan	0.32 354	↑P	18 18 01.2	0.0
NDS	baz=356		S	18 18 05.8	-0.1
NNSB	Datong	0.36 289	↑P	18 18 02.0	-0.3
NNSB	baz=286		S	18 18 07.1	-0.6
HWA	Hwalien	0.36 202	P	18 18 02.6	+0.3
HWA	baz=197		S	18 18 07.8	+0.1
NDT	Datong Townshi	0.36 323	iP	18 18 02.1	-0.2
NDT	baz=322		iS	18 18 07.7	-0.1
ENTT	Nioudou	0.37 332	P	18 18 02.0	-0.1
ENTT	baz=333		S	18 18 07.4	-0.5
NNS	Nan Shan	0.37 290	↑iP	18 18 02.2	-0.3
NNS	baz=287		iS	18 18 07.3	-0.1
TWE	Neicheng	0.41 349	iP	18 18 02.8	0.0
TWE	baz=352		iS	18 18 08.6	+0.1
ILA	Ilan	0.45 359	P	18 18 03.6	-0.2
ILA	baz=2.0		S	18 18 10.0	-0.3
FUSS	Fushou	0.47 262	↑iP	18 18 04.2	-0.1
FUSS	baz=259		iS	18 18 10.9	-0.2
WHF	Heluan Shan	0.48 250	iP	18 18 04.3	-0.3
WHF	baz=245		iS	18 18 10.8	+0.1
YHNB	Yeheng	0.50 316	P	18 18 04.4	-0.3
YHNB	baz=315		S	18 18 11.0	0.0
NSK	Sanguang	0.51 315	P	18 18 04.5	-0.1
NSK	baz=315		S	18 18 11.6	0.0
NWLT	Wulai	0.52 334	iP	18 18 04.7	0.0
NWLT	baz=334		iS	18 18 11.6	-0.1
TWT	Tachien	0.53 264	P	18 18 05.6	+0.3
TWT	baz=260		S	18 18 13.3	+0.5
NTC	Toucheng	0.54 7	iP	18 18 05.4	-0.1
NTC	baz=9.0		iS	18 18 12.6	0.0
TDCB	Techi	0.55 264	↑P	18 18 05.6	+0.1
TDCB	baz=261		S	18 18 12.7	-0.4
ESL	Shilin	0.58 211	iP	18 18 05.7	-0.1
ESL	baz=207		iS	18 18 14.6	+0.7
CHGB	Renai	0.59 245	↑P	18 18 06.2	-0.1
CHGB	baz=242		S	18 18 14.7	+0.3
OWD	Renai	0.64 236	iP	18 18 06.9	-0.2
OWD	baz=233		eS	18 18 16.1	+0.4
TIPB	Shuangxi	0.66 6	↑iP	18 18 07.0	-0.3
TIPB	baz=7.0		iS	18 18 15.5	-0.7
NHDH	Xindian Distri	0.68 342	P	18 18 08.2	+0.4
NHDH	baz=342		iS	18 18 16.6	-0.2
TWA	Mucha	0.68 347	↑iP	18 18 07.8	0.0
TWA	baz=348		iS	18 18 17.0	0.0
EGFH	Guangfu	0.71 205	P	18 18 08.3	+0.1
EGFH	baz=203		iS	18 18 19.2	+1.5
TWB1	Santiao Chiao	0.72 17	↑P	18 18 08.2	-0.4
TWB1	baz=19		S	18 18 17.3	-1.0
WHP	Taichung City	0.74 268	P	18 18 09.3	+0.5
WHP	baz=265		iS	18 18 19.0	+0.4

2015 OCT

LIOB	Emei	0.75 296	iP	Pb	18 18 09.5 +0.5
LIOB	baz=295		S	Sb	18 18 19.3 +0.3
NSTT	Nanjuang	0.76 295	↑iP	Pb	18 18 09.5 +0.5
NSTT	baz=293		iS	Sb	18 18 19.6 +0.5
NWF	Wu-fen Shan	0.76 2	iP	Pb	18 18 09.2 +0.1
NWF	baz=3.0		iS	Sg	18 18 19.0 -0.2
TAP	Taipei	0.76 343	↑P	Pb	18 18 09.9 -0.3
TAP	baz=343		S	Sb	18 18 19.8 +0.7
WCS	Beigang Elemen	0.81 252	eP	Pn	18 18 10.7 -0.3
WCS	baz=249		S	Sn	18 18 21.9 -0.7
NCU	National Centr	0.83 322	P	Pb	18 18 10.6 +0.2
NCU	baz=321		iP	Pb	18 18 11.3 0.0
NCU	Zhongli	0.83 322	iP	Pb	18 18 11.3 0.0
NCU	baz=321		eS	Sb	18 18 21.8 +0.4
TWS1	Kuangyinshan	0.84 339	eP	Pb	18 18 10.7 +0.1
TWS1	baz=339		S	Sb	18 18 22.2 +0.7
SBCB	Hsinchu	0.85 304	P	Pb	18 18 09.9 -1.0
SBCB	baz=303		S	Sb	18 18 23.3 +0.6
YMO1	baz=303	0.85 349	P	Pb	18 18 10.9 +0.3
YMO1	baz=349		S	Sb	18 18 22.5 +0.8
HSN	Hsinchu	0.86 304	P	Pb	18 18 11.8 +0.1
HSN	baz=305		P	Pb	18 18 11.5 +0.5
HGSD	Ruisui	0.87 200	P	Pn	18 18 24.2 +0.1
HGSD	baz=198		S	Sn	18 18 24.2 +0.1
SMLT	Sun Moon Lake	0.89 242	iP	Pn	18 18 12.0 -0.2
SMLT	baz=239		iS	Sb	18 18 23.6 +0.6
NTST	Danui	0.89 342	P	Pg	18 18 11.6 -0.1
NTST	baz=342		S	Sb	18 18 23.3 +0.3
EHY	Hungye	0.90 206	P	Pb	18 18 11.4 0.0
EHY	baz=204		S	Sb	18 18 23.9 +0.9
ANP	Anpu	0.90 346	P	Pb	18 18 11.7 +0.2
ANP	baz=347		S	Sg	18 18 22.9 -0.8
TWQ1	Liyutan	0.90 272	iP	Pn	18 18 12.6 +0.4
TWQ1	baz=270		S	Sn	18 18 24.3 -0.4
SSLB	Suanguang	0.90 235	P	Pb	18 18 12.0 -0.2
SSLB	baz=232		S	Sb	18 18 23.9 +0.7
NMLH	Miaoili	0.91 285	eP	Pn	18 18 13.2 +0.9
NMLH	baz=283		eS	Sb	18 18 24.0 +0.6
NSY	Sanyi	0.91 277	S	Sn	18 18 25.1 -0.1
TYC	Yuch	0.92 244	P	Pg	18 18 11.9 -0.2
TYC	baz=241		S	Sg	18 18 24.6 +0.4
TWY	Chenhua	0.97 352	P	Pn	18 18 13.4 +0.2
TWY	baz=352		S	Sb	18 18 25.5 +0.3
TCU	Taichung	1.00 261	eP	Pn	18 18 14.8 +1.2
YULB	Yuli	1.01 205	eP	Pb	18 18 12.7 -0.6
YULB	baz=203		eS	Sn	18 18 27.8 +0.3
WDJ	Daj District	1.02 272	P	Pn	18 18 15.2 +1.4
WHYT	Xinyi Township	1.03 234	eP	Pn	18 18 15.1 +1.1
WHYT	baz=231		eS	Sn	18 18 28.8 +0.8
EYUL	Yuli	1.04 203	eP	Pb	18 18 14.4 +0.3
EYUL	baz=201		eS	Sn	18 18 29.2 +0.9
WJS	Zhushan	1.06 243	eP	Pn	18 18 15.4 +1.1
WNT	Mingjian	1.07 246	eP	Pg	18 18 16.0 +1.0
JYNG	Yonagunijimaku	1.09 82	P	Pb	18 18 14.8 0.0
JYNG	baz=240		eS	Sg	18 18 29.9 0.0
YUS	Yu-Shan	1.10 222	P	Pg	18 18 15.5 -0.3
WCHH	Zhanghua	1.12 258	eP	Pg	18 18 16.1 +0.2
WCHH	baz=256		eS	Pn	18 18 15.8 +0.1
YOJ	Yonaguni jima	1.16 82	↑P	Pn	18 18 31.9 +0.1
YOJ	baz=83		S	Sg	18 18 15.8 +0.1
YOJ	Yonaguni jima	1.16 82	P	Sb	18 18 31.4 +0.8
YOS	Alishan	1.18 228	P	Pg	18 18 16.9 -0.3
YOS	baz=225		eS	Sb	18 18 31.9 +0.4
FULB	Fuli	1.19 201	P	Pn	18 18 16.1 -0.1
CHNS	Tsauling	1.22 234	eP	Pg	18 18 17.6 -0.2
CHNS	baz=232		eS	Sb	18 18 32.3 -0.1
CHKT	Chengkung	1.26 197	P	Pn	18 18 17.1 -0.1
CHKT	baz=195		S	Sg	18 18 34.9 -0.2
WDLH	Douliu	1.27 241	eP	Pg	18 18 19.2 +0.2
WDLH	baz=244		P	Pb	18 18 17.5 -0.4
ELDTW	Lidau	1.31 211	P	Pb	18 18 17.9 -0.2
ELDTW	baz=209		P	Pb	18 18 18.9 +0.2
WRL	Guolierlin Hig	1.32 252	eP	Pb	18 18 18.4 +0.1
WRL	baz=250		iP	Pn	18 18 35.5 -0.3
PCYT	Pengchayiu	1.34 12	iP	Pn	18 18 20.4 +0.5
PCYT	baz=13		iS	Sn	18 18 18.7 -0.3
WTK	Tuku	1.40 244	eP	Pb	18 18 20.4 +0.5
WTK	baz=242		P	Pb	18 18 17.8 -0.3
EDH	Donghe	1.40 197	eP	Sb	18 18 37.9 +0.4
EDH	baz=196		eS	Sb	18 18 37.9 +0.4
CHN2	Minshiang	1.41 237	eP	Pn	18 18 19.4 +0.3
WTC2	Ta-ch'eng	1.42 252	eP	Sn	18 18 19.4 +0.1
WTC2	baz=250		eS	Sn	18 18 37.9 +0.3
CHN4	Tsashan	1.43 228	eP	Pg	18 18 21.2 -0.7
TPUB	Ta-pu	1.44 226	eP	Pg	18 18 21.5 -0.6
TPUB	baz=224		eS	Sb	18 18 39.1 +0.3
STYH	Taoyuan	1.45 218	eP	Pb	18 18 21.2 +0.3
STYH	baz=217		eS	Sn	18 18 38.1 -0.2
CHY	Chiayi	1.46 237	eP	Pb	18 18 20.9 -0.2
CHY	baz=235		P	Pg	18 18 22.3 -0.8
WTP	Tapu	1.49 225	eP	Pg	18 18 19.4 -1.2
LONT	Longtian	1.51 202	eP	Pn	18 18 21.9 +0.7
LONT	baz=201		eP	Pn	18 18 21.9 +0.7
WSF	Szhu	1.55 245	eP	Pn	18 18 21.9 +0.7

620

TKW	Hsiinying	1.56 22
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15d 19h

Table of astronomical observations for 15d 19h, listing station codes, station names, coordinates, and observation details.

2015 OCT

Table of astronomical observations for 2015 OCT, listing station codes, station names, coordinates, and observation details.

622

Table of astronomical observations for 622, listing station codes, station names, coordinates, and observation details.

623				2015 OCT				15d 19h									
NNS	baz=288	i	Sg	19 38 08.4 -0.8	YULB	baz=214	S	Sb	19 38 27.8 0.0	SSD	baz=215	e	Sb	19 38 52.9 +0.2			
TWE	Neicheng	0.42 344	i	Pg	19 38 03.8 -0.1	TCU	Taichung	1.03 261	i	Pg	19 38 16.6 +1.3	TSMG	Majia	1.92 214	P	Pb	19 38 28.9 -0.9
TWE	baz=350	i	Sg	19 38 09.5 -0.2	TCU	baz=260	i	Sn	19 38 30.6 +1.5	TSMG	baz=215	S	Sb	19 38 53.3 -0.2			
ILA	Ilan	0.45 355	i	Pb	19 38 04.7 -0.1	WDJ	Dajia District	1.05 272	P	Pg	19 38 16.6 +0.9	SGLT	Jiouru	1.98 217	e	Pb	19 38 32.1 +1.2
ILA	baz=356	i	Sb	19 38 11.1 -0.1	WDJ	baz=272	i	Sg	19 38 30.4 +0.9	SGLT	baz=218	e	Sg	19 38 58.5 -0.7			
FUSS	Fushou	0.50 262	i	Pg	19 38 05.4 -0.1	EYUL	Yuli	1.06 204	P	Pg	19 38 16.3 +0.5	SGLT	baz=218	e	Sg	19 38 58.5 -0.7	
FUSS	baz=261	i	Sg	19 38 12.0 -0.4	EYUL	baz=217	S	Sg	19 38 30.6 +0.9	MASBT	Mashbuluo	2.00 212	P	Pb	19 38 30.0 -1.3		
WHF	Hehuan Shan	0.51 251	i	Pg	19 38 05.5 -0.2	WHYT	Xinyi Township	1.06 234	P	Pn	19 38 15.4 0.0	MASBT	baz=214	e	Sb	19 38 56.1 +0.1	
WHF	baz=256	i	Sg	19 38 12.2 -0.4	WHYT	baz=234	S	Sb	19 38 29.1 +0.4	JKRS	Kuro-shima	2.03 92	P	Pn	19 38 29.6 +0.9		
YHNB	Yeheng	0.52 313	i	Pg	19 38 05.4 -0.3	JYNG	Yonagunijimaku	1.06 82	P	Sg	19 38 15.9 0.0	SNJT	Kaohsiung City	2.05 221	e	Sb	19 38 56.7 +0.1
YHNB	baz=314	i	Sg	19 38 11.7 -1.1	JYNG	baz=240	S	Sg	19 38 31.1 +1.3	SNJT	baz=222	e	Sb	19 38 31.9 -0.2			
NWLT	Wulai	0.53 330	i	Pg	19 38 05.6 -0.3	WJS	Zhushan	1.09 243	P	Pg	19 38 16.8 +0.3	SNJT	baz=222	e	Sb	19 38 58.9 +1.5	
NWLT	baz=332	i	Sg	19 38 12.2 -0.9	WJS	baz=240	S	Sg	19 38 31.9 +1.2	EAST	Anshuo	2.11 204	e	Pn	19 38 30.0 +0.1		
NSK	Sanguang	0.53 312	i	Pg	19 38 05.6 -0.5	WNT	Mingjian	1.10 247	i	Pg	19 38 17.0 +0.3	EAST	baz=195	e	Sn	19 38 56.7 +0.9	
NSK	baz=314	i	Sg	19 38 12.5 -0.7	YOJ	Yonaguni jima	1.12 82	i	Pg	19 38 16.9 -0.1	TAW	Tawu	2.12 203	e	Pn	19 38 29.9 0.0	
NTC	Toucheng	0.54 4	i	Pb	19 38 06.2 -0.2	YOJ	Yonaguni jima	1.12 82	P	Pg	19 38 16.9 -0.1	TAW	baz=192	e	Sn	19 38 56.1 +0.3	
NTC	baz=6.0	S	Sg	19 38 13.3 0.0	YOJ	baz=72	i	S	19 38 33.8 +2.0	SSPT	Xinbi	2.14 212	P	Pb	19 38 32.2 -1.4		
TWT	Tachien	0.56 264	i	Pb	19 38 06.9 0.0	YUS	baz=209	S	Sb	19 38 31.2 0.0	SSPT	baz=213	S	Sb	19 39 00.8 +0.8		
TWT	baz=257	i	Sg	19 38 13.9 -0.3	WCHH	Zhanghua	1.15 258	P	Pg	19 38 17.8 +0.2	JJI	Ishigaki jima	2.15 88	P	Pn	19 38 31.0 +0.7	
TDCB	Techi	0.58 264	i	Pg	19 38 06.8 -0.1	WCHH	baz=258	S	Sg	19 38 33.3 +0.7	JJI	PNG	2.18 250	e	Sb	19 38 58.9 -1.2	
TDCB	baz=258	i	Sg	19 38 13.6 -1.1	FULB	Fulli	1.20 202	i	Pb	19 38 17.8 +0.1	JJI	PNG	2.18 250	e	Sb	19 38 31.2 +0.5	
ESL	Shilin	0.60 213	i	Pg	19 38 06.7 -0.4	FULB	baz=216	e	Sg	19 38 34.2 -0.1	PHUB	Peng-hu	2.18 249	P	Pn	19 38 30.6 -0.2	
ESL	baz=214	i	Sg	19 38 15.4 +0.3	ALS	Alishan	1.21 229	i	Pn	19 38 17.8 +0.1	PHUB	baz=249	S	Sn	19 38 58.5 +1.1		
CHGB	Renai	0.62 246	i	Pg	19 38 07.4 -0.3	ALS	baz=214	i	Sg	19 38 35.7 +1.1	SCZT	Fangliu	2.21 209	P	Pn	19 38 32.8 +1.5	
CHGB	baz=251	i	Sg	19 38 15.3 -0.6	CHN5	Tsauling	1.25 235	i	Pb	19 38 19.0 +0.5	SCZT	baz=211	e	Sb	19 39 00.9 -1.1		
TIPB	Shuangxi	0.65 3	i	Pb	19 38 08.3 0.0	CHN5	baz=235	i	Sg	19 38 36.8 +1.2	LAY	Lan-yu	2.28 186	e	Pn	19 38 31.9 -0.3	
TIPB	baz=5.0	i	Sg	19 38 16.9 -0.1	CHKT	Chengkung	1.27 198	P	Pb	19 38 19.1 +0.3	LAY	baz=178	e	Sn	19 38 59.3 -0.6		
OWD	Renai	0.67 237	i	Pg	19 38 08.1 -0.4	CHKT	baz=213	S	Sn	19 38 35.7 +0.7	SLIU	Shizi	2.28 204	e	Pn	19 38 33.5 +1.3	
OWD	baz=235	i	Sg	19 38 16.8 -0.7	WDLH	Douliu	1.30 242	P	Sg	19 38 20.1 -0.4	SLIU	baz=193	e	Sn	19 39 02.0 +2.1		
NHDH	Xindian Distri	0.69 339	i	Pg	19 38 09.2 +0.3	WDLH	baz=253	S	Sg	19 38 38.2 +0.6	JISG	Ishigakijimahi	2.31 83	P	Pn	19 38 32.8 +0.2	
NHDH	baz=341	i	Sg	19 38 17.6 -0.4	ELDTW	Lidau	1.33 212	P	Pn	19 38 18.5 -0.7	JISG	baz=216	e	Sb	19 39 02.5 +1.8		
TWA	Mucha	0.69 344	i	Pg	19 38 09.0 +0.1	ELDTW	baz=212	S	Sn	19 38 35.9 -0.6	WLCH	Qimei	2.43 243	e	Pb	19 39 07.7 +1.8	
TWA	baz=346	i	Sb	19 38 18.3 +0.2	PCYT	Pengchayiu	1.33 11	P	Sg	19 38 19.4 -0.5	VCHM	baz=244	e	Sn	19 38 34.5 +0.2		
TWB1	Santiao Chiao	0.71 15	i	Pg	19 38 09.3 0.0	PCYT	baz=10.0	S	Sg	19 38 37.5 -0.9	VCHM	baz=244	e	Sn	19 39 04.6 +1.1		
TWB1	baz=17	i	Sb	19 38 18.4 -0.4	WRL	Guolierlin Hig	1.36 253	P	Pb	19 38 20.7 +0.4	MATB	Ma-tsu	2.48 318	e	Pn	19 38 34.8 -0.1	
EGFH	Guangfu	0.72 207	i	Pb	19 38 09.5 0.0	WRL	baz=266	S	Sg	19 38 38.8 -0.4	MATB	baz=315	e	Sn	19 39 06.2 +1.5		
EGFH	baz=217	i	Sg	19 38 19.9 +0.7	EDH	Donghe	1.41 199	P	Pn	19 38 20.5 +0.2	HEN	Hengchun	2.50 203	e	Pn	19 38 36.7 +1.5	
NWF	Wu-fen Shan	0.75 359	i	Pg	19 38 10.2 +0.1	EDH	baz=213	S	Sb	19 38 39.0 +0.1	HEN	baz=195	e	Sn	19 39 07.6 +2.4		
NWF	baz=1.0	i	Sg	19 38 20.6 +0.5	WTK	Tuku	1.43 244	i	Pb	19 38 21.0 -0.5	TWK1	Hengchun	2.53 201	e	Pn	19 38 36.5 +0.9	
TAP	Taipei	0.77 340	i	Pn	19 38 11.1 -0.3	WTK	baz=255	i	Sg	19 38 40.9 -0.5	TWK1	baz=194	e	Sn	19 39 08.3 +2.2		
TAP	baz=342	i	Sg	19 38 20.3 -0.2	CHN2	Minshiang	1.44 237	i	Pg	19 38 23.0 0.0	TWK1	Hengchun	2.53 201	e	Pn	19 38 37.0 +1.4	
WHP	Taichung City	0.77 267	i	Pg	19 38 10.6 +0.1	CHN2	baz=237	S	Sg	19 38 43.0 +1.3	TWK1	baz=194	e	Sn	19 39 08.3 +2.2		
WHP	baz=267	i	Sb	19 38 19.9 -0.7	WTCT	Ta-ch'eng	1.45 252	e	Pb	19 38 21.8 -0.1	TWK1	Hengchun	2.53 201	e	Pn	19 38 37.0 +1.4	
LIQB	Emei	0.78 295	i	Pg	19 38 10.7 +0.2	WTCT	baz=264	e	Sg	19 38 42.3 +0.1	TWK1	Hengchun	2.53 201	e	Pn	19 38 37.0 +1.4	
LIQB	baz=295	S	Sb	19 38 20.1 -0.6	CHN4	Tsauling	1.46 229	i	Pb	19 38 22.5 +0.4	PTMZ	Houxiangcun	2.53 287	e	Pn	19 38 06.5 +0.4	
NSTT	Nanjuang	0.79 294	i	Pb	19 38 10.5 0.0	CHN4	baz=217	S	Sg	19 38 43.2 +0.8	PTMZ	baz=287	e	Sn	19 39 07.6 +1.4		
NSTT	baz=294	i	Sb	19 38 19.9 -1.0	TPUB	Ta-pu	1.47 227	i	Pg	19 38 23.0 +0.1	JTJ	Tarama	2.67 82	P	Pb	19 38 40.4 -2.3	
WCS	Beigang Elemen	0.84 252	i	Pg	19 38 11.8 +0.1	TPUB	baz=215	S	Sg	19 38 42.0 -0.7	LYJJ	Jianjiangzhen	2.88 321	e	Pb	19 38 42.4 +1.9	
WCS	baz=251	i	Sb	19 38 22.1 -0.4	STYH	Taoyuan	1.47 219	P	Pn	19 38 21.6 +0.6	LYJJ	baz=318	e	Sn	19 39 16.3 +1.5		
YM01	YM01	0.85 346	i	Pg	19 38 12.1 +0.2	STYH	baz=211	S	Sb	19 38 41.1 +0.4	XPSS	Dashiou	2.98 331	e	Pn	19 38 43.9 +2.1	
YM01	baz=347	i	Sb	19 38 22.7 -0.1	CHY	Chiayi	1.49 237	e	Pb	19 38 23.1 +0.6	XPSS	baz=328	e	Sn	19 39 18.5 +1.4		
NCU	National Centr	0.85 320	i	Pn	19 38 12.4 -0.1	CHY	baz=237	e	Sg	19 38 44.0 +0.4	KNM	Kinmen	3.06 273	e	Pb	19 38 46.7 -2.7	
NCU	baz=320	i	Sn	19 38 24.7 0.0	WTP	Ta-pu	1.52 226	P	Pb	19 38 22.9 -0.1	KNM	baz=273	e	Sb	19 39 22.9 -3.6		
NCUH	Zhongli	0.85 320	i	Pn	19 38 13.0 +0.4	WTP	baz=215	S	Sg	19 38 44.7 +0.4	MHZQ	Yeshan	3.07 306	e	Pn	19 38 45.1 +2.1	
NCUH	baz=320	i	Sn	19 38 24.8 +0.1	LONT	Longtan	1.53 204	e	Pn	19 38 21.9 +0.1	MHZQ	baz=304	e	Sn	19 39 21.1 +1.8		
TWS1	Kuangyinshan	0.85 337	i	Pg	19 38 12.3 -0.2	LONT	baz=204	e	Sb	19 38 42.3 0.0	KNMB	Chin-men Tao	3.11 273	e	Pn	19 38 45.2 +1.7	
TWS1	baz=338	i	Sg	19 38 23.6 +0.4	TWK	Hsinying	1.59 229	i	Pb	19 38 24.2 -0.1	KNMB	baz=274	e	Sn	19 39 21.9 +1.6		
SBCB	Hsinchu	0.87 303	i	Pn	19 38 12.8 0.0	TWK	baz=215	e	Sg	19 38 46.0 -0.6	AXDP	Jialang	3.53 280	e	Pn	19 38 52.3 +2.9	
SBCB	baz=296	S	Sn	19 38 24.7 -0.5	WSF	Szhu	1.59 245	P	Pb	19 38 23.6 -0.6	AXDP	baz=281	e	Sn	19 39 32.9 +2.3		
HGSD	Ruisui	0.89 202	i	Pg	19 38 12.6 0.0	WSF	baz=254	S	Sg	19 38 46.0 -0.5	ZPLA	Ao Xicun	3.71 265	e	Pn	19 38 52.8 +0.9	
HGSD	baz=215	S	Sn	19 38 25.7 +0.2	SNST	Tainan City	1.61 228	P	Pb	19 38 24.9 +0.3	ZPLA	baz=266	e	Sn	19 39 36.0 +0.7		
HSN	Hsinchu	0.89 303	i	Pg	19 38 12.7 +0.1	SNST	baz=215	S	Sg	19 38 47.0 -0.3	JOW	Kunigami	6.37 65	Pn	Pn	19 39 28.6 +0.1	
HSN	baz=298	S	Sn	19 38 25.6 0.0	CHN1	Nanshi	1.61 226	P	Pb	19 38 24.8 0.0	WHN	Wuhan	9.06 315	i	Pn	19 40 12.8 +7.4	
NTST	Danshui	0.90 340	P	Pn	19 38 13.4 +0.2	CHN1	baz=213	e	Sg	19 38 47.6 +0.2	WHN	WHN		S	Pn	19 41 54.4 +7.4	
NTST	baz=348	S	Sg	19 38 25.1 +0.3	TWGBT	Beinan	1.63 204	e	Pn	19 38 23.0 -0.3	WHN	comp=N,460nm,7.8s	LR	LR	LR		
ANP	Anpu	0.90 344	i	Pg	19 38 12.8 -0.1	TWGBT	baz=204	e	Sn	19 38 44.6 +0.8	WHN	comp=E,780nm,12.4s	LR	LR	LR		
ANP	baz=345	i	Sg	19 38 24.6 -0.2	SGST	Jiashian	1.65 222	P	Pn	19 38 24.1 +0.5	WHN	comp=Z,700nm,10.5s	LR	LR	LR		
EHY	Hungye	0.91 208	i	Pb	19 38 12.5 -0.2	SGST	baz=211	e	Sb	19 38 46.6 +0.6	KSR5	Korea Array	14.11 20	Pn	Pn	19 41 15.8 +1.4	
EHY	baz=216	i	Sg	19 38 25.2 +0.1	LDUT	Ludao	1.66 190	e	Pn	19 38 23.8 +0.1	CMAR	Chiang Mai Arr	22.05 259	P	P	19 42 48.8 -0.5	
SMLT	Sun Moon Lake	0.92 242	i	Pb	19 38 12.8 -0.2	LDUT	baz=181	e	Sn	19 38 43.7 -0.9	CMAR	comp=Z,26nm,20.7s,ba=225,slow=36	LR	LR	LR		
SMLT	baz=234	S	Sg	19 38 25.9 +0.5	ICHU	Yijhu	1.68 236	P	Pb	19 38 25.6 -0.2	CMAR	0.5nm,0.6s,ba=93,slow=7.7,SNR=1.3					
SSLB	Suanguang	0.93 236	i	Pb	19 38 12.9 -0.1	ICHU	baz=220	S	Sg	19 38 48.5 -1.0	CMAR	1.2nm,0.7s,ba=99,slow=7.4,SNR=1.4					
SSLB	baz=234	i	Sb	19 38 25.0 -0.1	SLGT	Litui	1.68 219	e	Pb	19 38 25.2 -0.7	CMAR	0.3nm,0.5s,ba=34,slow=8.8,SNR=7.4					
TWQ1	Liyutan	0.93 272	i	Pn	19 38 13.8 +0.2	SLGT	baz=219	e	Sb	19 38 47.7 +0.9	CMAR	1.4nm,0.8s,ba=104,slow=6.1,SNR=2.0					
TWQ1	baz=272	i	Sb	19 38 25.3 +0.2	CHN8												

15d 20h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, Res, ISC. Rows include MDOK Medeo, TKM2 Tokmak 2, KOTS Kotyrbulak, etc.

IDC 15:56:45.0, 0.8, 34.845; 108.26W, h0km, mb4.4/12, mb1.4/5/12, mb1mx4.3/29, mbmp4.4/12, MS4.2/17, Ms1.4/2/17, ms1mx4.1/25, Error ellipse: s-maj=24.4km s-min=21.0km az=25.0

NEIC 15:56:46.9, 1.6, 34.9S; 0.1x108.1W; 0.2, h10km, 1km, mb4.8/50, Error ellipse: s-maj=26.4km s-min=20.2km az=29.0

GCMT 15:56:51.0, 0.2, 34.94S; 0.01x108.16W; 0.1, h24km, 1km, MW5.2/121, Moment Tensor Solution. s70.c94; s121.c189; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.14±.18; Mw=1.43±.15; Mw=1.57±.15; Mw=0.18±.21; Mw=0.27±.14; Mw=2.74±.26; Best double couple: Mo=0.0600x10^16 NP1=97.00000°, 86.7.00000°, λ180.00000°, NP2=187.00000°, 89.0.00000°, λ23.00000°.

Principal axes: T 7.1110, Plg16.00000°, Azm54.00000°; N -0.2060, Plg67.00000°, Azm187.00000°; P -6.9010, Plg16.00000°, Azm39.00000°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

ISC 15:56:46.3, 0.5, 34.88S; 0.09x108.12W; 0.09, h10km, m162.0, r1510/147, mb4.7/29, MS4.3/19, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, Res, ISC. Rows include RPN Rapa Nui, PLCA Paso Flores, PLCA Paso Flores, etc.

2015 OCT

Main table with columns: LPAZ, LR, LR, 20 17 13.0, 20 04 25.3 +1.4, etc. Rows include LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

624

Table with columns: KMSC Kings Mountain, DZM Mont Dzumac, KVN Kaiserville, etc. Rows include Kings Mountain, Mont Dzumac, Kaiserville, Boulder Array, etc.

ROM 15:20:15.149.0.1, 42.967N; 0.004x13.121E; 0.006, h11km, ML1.4/4, 8C-2D, Error ellipse: s-maj=0.5km s-min=0.3km az=276.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, Res, ISC. Rows include FEMMA Monte Fema, FEMMA Monte Fema, FEMMA Monte Fema, etc.

ROM 15:20:15.79.0.1, 41.787N; 0.004x14.192E; 0.007, h15km, ML1.8/1, 2C-2D, Error ellipse: s-maj=0.5km s-min=0.4km az=269.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, Res, ISC. Rows include RN12 Rionero Sannit, RN12 Rionero Sannit, RN12 Rionero Sannit, etc.

625

VAGA	Valle Agricola	0.37	175	P	Pg	20	15	25.7	+0.1
VVLD	Villa Vallelon	0.43	281	JP	Pg	20	15	26.6	-0.1
VVLD					Sb	20	15	33.3	-0.3
T0110	Collepietro	0.54	325	P	Pg	20	15	28.4	-0.1
T0110					Sb	20	15	36.8	+0.2
FAGN	Fagnano	0.66	317	S	Sb	20	15	30.3	-0.3
FAGN					Sb	20	15	40.2	+0.1

SKHL 15 20:24:32.7±0.5, 48.80N±157.00E, h33km±2km, mb4.3/4
 KRSC 15 20:24:32.2±1.7, 48.95N±157.24E, h30km±26km, ML3.9
 IDC 15 20:24:35.7±12.0, 48.97N±156.17E, h48km±84km, mb3.3/3,
 mb1 3.5/4, mb1mx3.2/37, mbtpm3.5/4, ML2.5/1, Error
 ellipse: s-maj=136.2km s-min=39.2km az=4.0
 ISC 15 20:24:33.2±1.5, 48.8N±156.7E±0.1, h35km±n32,
 ±126/33, mb3.5/3, East of Kuril Islands

Code	Station Name	Δ ¹	AZ ²	Phase	ID	ISC	h	m	s	Res
SKR	Severo-Kuril's	1.91	349	Op	Pn	20	25	02.8	-0.5	
SKR				eS	Pn	20	25	26.4	+0.3	
SKR				eS	Pn	20	25	03.9	+0.6	
SKR	90nm,0.4s			AMB	AMB	20	25	06.2		
SKR				eS	Sn	20	25	27.0	+0.9	
SKR				A	A	20	25	46.0		
SKR	1µm,0.8s			A	A	20	25	46.0		
PAU	Pauzhetka	2.66	2	eP	Pn	20	25	13.5	-0.1	
PAU				eS	Pn	20	25	44.8	+0.2	
PAU				eS	Pn	20	25	14.0	+0.4	
PAU	90nm,0.9s			AMB	AMB	20	25	15.8		
PAU				eS	Sn	20	25	44.9	+0.3	
PAU				A	A	20	25	46.9		
PAU	170nm,0.3s			A	A	20	25	46.9		
PAU	150nm,0.3s			A	A	20	25	46.9		
KDTR	Khodutka, Kamc	3.13	16	eP	Pn	20	25	19.5	-0.5	
KDTR				eS	Pn	20	25	44.4	-1.8	
ASAK	Asachka	3.66	12	eP	Pn	20	25	28.9	+1.5	
MTVR	Mutnovka	3.80	14	eP	Pn	20	25	29.0	+0.4	
MTVR				eS	Pn	20	26	12.1	-0.8	
RUS	Russkaya	3.81	17	eP	Pn	20	25	29.6	+0.3	
RUS				eS	Pn	20	26	11.8	-1.1	
GRL	Gorelyy	3.85	13	eP	Pn	20	25	30.8	+0.6	
KRMR	Karymskiy	4.13	12	eP	Pn	20	25	35.7	+2.0	
APC	Apacha	4.13	4	eP	Pn	20	25	35.6	+1.8	
PETK	Petrovskiy	4.35	8	eP	Pn	20	25	37.8	+1.0	
PET	Petrovskiy	4.40	16	eP	Pn	20	25	37.7	+0.3	
PET				eS	Pn	20	25	37.8	+0.3	
PET				AMB	AMB	20	25	38.5		
PET	110nm,1.0s			eS	Sn	20	26	27.1	-0.3	
PET				A	A	20	26	31.8		
PET	100nm,0.3s			A	A	20	26	31.8		
PET	100nm,0.3s			A	A	20	26	31.8		
DALK	Dalny	4.42	16	eP	Pn	20	25	37.8	0.0	
UGLR	Uglovaya	4.61	16	eP	Pn	20	25	41.8	+1.4	
AVH	Avacha	4.65	15	eP	Pn	20	25	43.2	+1.6	
KOK	Koryaka	4.65	15	eP	Pn	20	25	42.9	+1.8	
KRER	Koryakskii	4.69	15	eP	Pn	20	25	43.2	+1.6	
SDLR	Sedlovina	4.69	16	eP	Pn	20	25	41.7	+0.2	
KRX	Arik	4.72	14	eP	Pn	20	25	43.5	+1.5	
SPN	Mys Shipunski	4.72	25	eP	Pn	20	25	43.3	+0.6	
SPN				eS	Pn	20	25	44.3	+2.0	
GNL	Ganally	4.96	9	eP	Pn	20	25	46.8	+1.6	
MZK	Mys Kozlova	6.55	27	eP	Pn	20	26	06.6	-0.4	
KZV	Kizimen	6.70	18	eP	Pn	20	26	10.3	+1.2	
TUMR	Tumrok	6.83	17	eP	Pn	20	26	12.3	+1.4	
H11S1	WAKE ISLAND Hy 31.31 161			T	T	21	04	51.6		
H11S3	WAKE ISLAND Hy 31.31 162			T	T	21	04	51.0		
H11S2	WAKE ISLAND Hy 31.31 161			T	T	21	04	58.4		
MKAR	Makanchi Array 48.14 297			P	P	20	33	07.5	-0.2	
FINES	FINESS Array B 63.18 336			P	P	20	34	56.1	-1.0	
TXAR	Lajitas Array 74.40 63			P	P	20	36	10.1	+2.5	

NEIC 15 20:32:08.2±1.1, 62.96N±149.37W±0.04, h77km±5km,
 Error ellipse: s-maj=4.1km s-min=0.5km az=143.0
 AEIC 15 20:32:08.1±2.6, 62.97N±149.41W±0.04, h76km±4km,
 ML3.2, ML3.4/164(NEIC), Error ellipse: s-maj=4.1km
 s-min=2.4km az=178.0
 ANF 15 20:32:08.5±0.2, 62.97N±149.38W, h66km±4km, ML3.5/58,
 Error ellipse: s-maj=1.5km s-min=1.2km az=95.0
 IDC 15 20:32:12.1±5.7, 63.38N±149.28W, h98km±42km, mb3.5/2,
 mb1 3.5/3, mb1mx3.1/48, mbtpm3.7/3, Error ellipse:
 s-maj=58.7km s-min=27.4km az=35.0
 ISC 15 20:32:08.0±0.9, 62.98N±149.40W±0.02, h78km±6km,
 n230,±0976/238, Central Alaska

Code	Station Name	Δ ¹	AZ ²	Phase	ID	ISC	h	m	s	Res
RND	Reindeer	0.50	30	Op	Pn	20	32	32.2	+0.5	
RND				Ph	Pn	20	32	21.8	+0.2	
RND				IAML	IAML	20	32	32.9		
RND	comp=E,1µm,0.4s			IAML	IAML	20	32	32.9		
TRF	Thorofore Moun	0.62	320	P	Pn	20	32	23.4	+0.6	
TRF				Sn	Pn	20	32	35.0	+1.1	
TRF				P	Pn	20	32	23.5	+0.6	
TRF	baz=140,SNR=286			S	Sn	20	32	34.4	+0.5	
CUT	Chulitna	0.70	215	P	Pn	20	32	23.3	-0.2	
CUT				P	Pn	20	32	35.1	+0.1	
CUT				IAML	IAML	20	32	38.4		
CUT	comp=N,2µm,0.3s			P	Pn	20	32	23.3	-0.2	
CUT	Chulitna	0.70	215	P	Pn	20	32	23.3	-0.2	
CUT	baz=34,SNR=82			S	Sn	20	32	34.5	-0.5	
MCK	McKinley	0.79	15	P	Pn	20	32	25.0	+0.6	
MCK				Sn	Pn	20	32	37.6	+0.8	
MCK	McKinley	0.79	15	P	Pn	20	32	25.1	+0.6	
MCK	baz=196,SNR=284			S	Sn	20	32	37.3	+0.6	
WAT6	Susitna Watana	0.86	117	P	Pn	20	32	24.7	-0.8	
WAT6				Sn	Pn	20	32	37.1	-1.3	
WAT6	Susitna Watana	0.86	117	P	Pn	20	32	24.7	-0.8	
WAT6	baz=298,SNR=51			S	Sn	20	32	37.0	-1.5	
KTH	Kantishna Hill	0.90	311	IAML	IAML	20	32	26.4	+0.6	
KTH	Kantishna Hill	0.90	311	IAML	IAML	20	32	21.3	-0.8	
KTH	comp=E,914nm,0.6s			IAML	IAML	20	32	42.0		
DHY	Denali Highway	0.93	83	P	Pn	20	32	26.3	0.0	
DHY	Denali Highway	0.93	83	P	Pn	20	32	25.8	-0.4	
DHY	baz=264,SNR=66			S	Sn	20	32	39.2	-0.6	
BWN	Browne	1.20	359	IAML	IAML	20	32	29.9	+0.6	
BWN	Browne	1.20	359	IAML	IAML	20	32	47.1		
GHO	Glory Hole Cre	1.23	169	P	Pn	20	32	30.0	+0.1	
GHO				Sn	Pn	20	32	47.2	+0.9	
M22K	Willow	1.27	196	P	Pn	20	32	30.0	-0.3	
M22K	Willow	1.27	196	P	Pn	20	32	30.0	-0.3	
M22K	baz=15,SNR=45			S	Sn	20	32	46.9	-0.1	
PPLA	Purkeypile	1.28	268	P	Pn	20	32	30.8	+0.3	
PPLA				Sn	Pn	20	32	48.2	+0.8	
PPLA	Purkeypile	1.28	268	P	Pn	20	32	31.0	+0.5	
PPLA	baz=85,SNR=20			S	Sn	20	32	47.5	+0.1	
SML	Sawmill	1.28	157	IAML	IAML	20	32	29.9	-0.5	
SML	Sawmill	1.28	157	IAML	IAML	20	32	49.2		
SML	comp=E,692nm,0.8s									

2015 OCT

SML	comp=N,941nm,0.8s	1.28	157	P	Pn	20	32	49.3	
SML	Sawmill	1.28	157	P	Pn	20	32	29.9	-0.5
SML	baz=337,SNR=80			S	Sn	20	32	47.4	+0.1
CAST	Castle Rocks	1.29	291	P	Pn	20	32	30.6	0.0
CAST	Castle Rocks	1.29	291	P	Pn	20	32	30.6	0.0
CAST	baz=109,SNR=20			S	Sn	20	32	47.0	-0.5
BPWA	Bear Paw Mtn.	1.33	328	P	Pn	20	32	31.4	+0.3
BPWA				Sn	Pn	20	32	48.2	-0.2
BPWA	Bear Paw Mtn.	1.33	328	IAML	IAML	20	32	48.6	
BPWA	comp=N,486nm,0.5s			P	Pn	20	32	49.2	
BPWA	Bear Paw Mtn.	1.33	328	P	Pn	20	32	31.4	+0.3
BPWA	baz=147,SNR=77			S	Sn	20	32	48.2	-0.2
PMR	Palmer	1.40	175	IAML	IAML	20	32	31.8	0.0
PMR	Palmer	1.40	175	IAML	IAML	20	32	52.5	
PMR	comp=N,815nm,0.4s			IAML	IAML	20	32	53.7	
PMR	Palmer	1.40	175	P	Pn	20	32	31.9	0.0
PMR	baz=355,SNR=62			S	Sn	20	32	49.9	0.0
SKT	Skwentna	1.41	226	P	Pn	20	32	31.7	-0.3
SKT	Skwentna	1.41	226	IAML	IAML	20	32	53.1	
SKT	comp=N,919nm,0.3s			P	Pn	20	32	31.7	-0.3
SKT	Skwentna	1.41	226	P	Pn	20	32	31.7	-0.3
SKT	baz=44,SNR=35			S	Sn	20	32	50.0	-0.2
SCM	Sheep Creek Mo	1.50	139	P	Pn	20	32	33.5	+0.2
SCM				Sn	Pn	20	32	53.5	+1.1
SCM	Sheep Creek Mo	1.50	139	IAML	IAML	20	32	55.9	
CHUM	Chum Lake	1.59	306	P	Pn	20	32	34.8	+0.4
CHUM	Chum Lake	1.59	306	P	Pn	20	32	34.9	+0.5
CHUM	baz=124,SNR=36			S	Sn	20	32	54.2	-0.2
WRH	Wood River Hill	1.61	21	P	Pn	20	32	34.7	+0.1
NEA2	Nezana	1.63	5	P	Pn	20	32	34.9	+0.1
NEA2	Nezana	1.63	5	P	Pn	20	32	35.0	+0.1
NEA2	baz=186,SNR=77			S	Sn	20	32	54.7	-0.5
KNK	Knik Glacier	1.63	164	IAML	IAML	20	32	35.2	+0.2
KNK	Knik Glacier	1.63	164	IAML	IAML	20	32	35.2	+0.2
KNK	comp=N,655nm,0.6s			P	Pn	20	32	35.6	+0.6
KNK	Knik Glacier	1.63	164	P	Pn	20	32	35.6	+0.6
KNK	baz=344,SNR=120			S	Sn	20	32	55.6	+0.3
SUA	Susitna One	1.65	203	P	Pn	20	32	35.7	+0.3
SUA	Susitna One	1.65	203	IAML	IAML	20	32	56.7	+0.9
SUA	comp=N,475nm,0.8s			IAML	IAML	20	32	59.1	
SUA	Susitna One	1.65	203	P	Pn	20	32	35.4	+0.2
SUA	baz=22,SNR=15			S	Sn	20	32	56.0	+0.1
PS10	TAPS Pump St10	1.71	73	P	Pn	20	32	36.9	+0.9
M24K	Tolsona, Glenn	1.73	119	IAML	IAML	20	33	01.4	+0.8
M24K				P	Pn	20	33	06.6	+2.7
M24K	Tolsona, Glenn	1.73	119	IAML	IAML	20	33	03.6	
M24K	comp=N,716nm,0.5s								

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SMLC San Martin de, MLPR Magueyes Islan, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RED Redoubt Volcan, RDBW Redoubt West, RSO Redoubt South, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Tanana, Paxson, Manley, Unalaska Valle, etc.

15d 21h:01.4,1.0,31.99N,141.86E,h0km,mb3.9/9, m1 4.0/13, m1mx3.8/5.1, m1btmp3.9/13, ML3.5/4, MS3.0/4, Ms1 3.0/4, ms1mx2.7/37, Error ellipse: s-maj=34.4km s-min=16.5km az=74.0

NEIC 15 21:30:03.0, 32.02N, 107.141E, 0.1, h10km, 1km, mb4.3/11, Error ellipse: s-maj=17.5km s-min=11.3km az=65.0

NIED 15 21:30:04.6, 32.22N, 141.79E, h18km, MW4.1, Moment Tensor Solution: s3 Moment tensor: Scale 10^15Nm; Mn:1.03; Mw:0.04; Mw0:0.8; Mw0:0.84; Mw0:0.47; Mw0:0.53; Fault plane solution: N1:49000x10^15 NP2: 0.315,00000, 367,00000, 70,00000; NP1: 0.6178,00000, 330,00000, 129,00000

JMA 15 21:30:04.5, 32.22N, 141.79E, h18km, M3.5, ISC 15 21:30:05.1, 0.7, 32.05N, 106.1419E, 0.09, h29km, n51, s=149/54, mb4.2/16, Southeast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like W2B, WRA, WRR, etc.

KRSC 15 21:31:19.7, 1.5, 49.12N, 157.06E, h41km, 25km, ML4.1, IDC 15 21:31:24.5, 3.4, 49.28N, 156.26E, h65km, 29km, mb3.5/7, mb1 3.7/10, mb1mx3.5/5.1, m1btmp3.8/10, ML4.1/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/35, Error ellipse: s-maj=37.8km s-min=18.6km az=148.0

ISC 15 21:31:21.2, 0.9, 49.16N, 156.08E, 0.1, h34km, n37, s=117/42, mb3.6/7, Kuril Islands

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

15d 21:36:57.1, 1.2, 6.11S, 148.96E, h0km, mb3.8/5, mb1 4.2/7, m1mx3.8/39, m1btmp3.9/7, ML4.3/1, MS3.2/4, Ms1 3.3/4, ms1mx2.8/28, Error ellipse: s-maj=44.9km s-min=23.3km az=116.0

ISC 15 21:37:05.4, 1.2, 6.25S, 148.8E, 0.3, h60km, n10, s=190/71, mb3.7/5, MS3.3/3, New Britain region

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

TAP 15 21:46:02.7, 24.25N, 121.83E, h17km, ML3.2, B JMA 15 21:46:02.5, 0.1, 24.16N, 121.83E, h24km, 2km, ISC 15 21:46:03.0, 0.9, 24.23N, 121.85E, 0.02, h18km, 2km, n84, c0=44/138, Taiwan

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WHYT Xinyi Township, TWY Chenilia, YAJ Yonaguni jima, etc.

IDC 15 22:01:47.6, 1.5, 31.97S:71.41W, h0km, mb4.5/1, mb1 4.3/2, mb1mx3.6/21, mbtmt4.2/2, ML4.4/1, Error ellipse: s-maj=168.9km s-min=46.9km az=156.0

GUC 15 22:01:54.0, 0.8, 31.56S:71.52W, h39km, 4km, ML3.7, ISC 15 22:01:54.5, 1.3, 31.54S:0.03:71.5W, 0.1, h45km, 13km, n21, r1519/23, 2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO03 El Pedregal, VA03 San Esteban, etc.

DNK 15 22:04:23.4, 1.5, 51.52N:15.96E, h0km, mb2.4/4, ml2 8/4, VIE 15 22:04:26.3, 0.8, 51.45N:16.06E, h0km, mb2.4/4, ml2 8/4, Error ellipse: s-maj=9.1km s-min=3.2km az=57.0 77 km WNW of Wroclaw Suspected Mining induced.

PRU 15 22:04:27.0, 3.3, 51.67N:15.72E, h0km, ML1.5, Suspected explosion

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, VA06 Catapilco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PVCC Panska Ves, BRG Berggiesshubel, KRCL Krailky, etc.

IDC 15 22:18:40.1, 1.3, 30.50S:71.58W, h0km, mb4.3/3, mb1 4.1/6, mb1mx3.8/23, mbtmt4.0/6, ML3.6/3, MS3.3/5, MS1 3.3/5, ms1mx3.0/19, Error ellipse: s-maj=50.0km s-min=26.4km az=114.0

SJA 15 22:18:40.6, 0.7, 30.60S:72.07W, h11km, 4km, ML4.4, MW4.0, NEIC 15 22:18:45.0, 2.3, 30.62S:0.02:71.83W, 0.07, h27km, 6km, Mw4.0, 37,34(GUC), Error ellipse: s-maj=8.4km s-min=2.0km az=98.0

GUC 15 22:18:45.0, 0.7, 30.66S:71.73W, h36km, 2km, ML4.5, NEIC 15 22:18:45.9, 30.67S:71.72W, h27km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw:7.0; Mxx:0.08; Myy:-0.84; Mzz:0.01; Mxy:0.12; Myz:-0.88; Fault plane: strike: M1, 2000x; 10^15 Np1:ns=178.08000; 0.68, 71.000; 1.94, 37.000; NP2:ns=346.19000; 0.21, 71.000; 1.78, 94.000; Principal axes: T, 1.1504, Plg66.000; P, 0.0886, Plg4.000; N, 0.0886, Plg4.000; Azm366.000; P, -1.2389, Plg24.000; Azm265.000;

ISC 15 22:18:42.7, 1.0, 30.62S:0.02:71.98W, 0.04, h25km, 7km, n87, r229/113, mb4.3/3, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, VA06 Catapilco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VA03 San Esteban, ROCH El Roble, ACDD Cuesta del Vie, etc.

MEX 15 22:24:22.4, 0.9, 17.87N:95.10W, h132km, 6km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VHO Vista Hermosa, VHO Vista Hermosa, TOIG Toxpallan, etc.

Table with columns: Code, Station Name, Az, AZP, Phase ID, Time, Res. Includes stations like HATZ, RTZ, TUZ, etc.

BUI 15 23:12:41.1±0.0, 7.80S; 130.15E, h150km, mb4.9/17, mb4.7/36

KLM 15 23:12:47.7±32S; 129.88E, h151km, mb5.0

IDC 15 23:12:48.1±1.8, 7.05S; 129.61E, h140km, 16km, mb4.2/13, mb1.4, 3/16, mb1mx2.4/26, mbtmp4.7/16, Error ellipse: s-maj=19.9km s-min=11.4km az=80.0

NEIC 15 23:12:48.8±2.0, 7.04S; 0.06x129.54E±0.06, h146km, 5km, mb4.7/58, Error ellipse: s-maj=8.4km s-min=5.2km az=162.0

DJA 15 23:12:49.2±0.2, 7.2S; 2.13°E, h146km, 6km, M5.0/15, mb5.4/8, mb4.8/15, MLV5.2/10, Mw(MBJ)4.9/8

ISC 15 23:12:47.5±0.7, 7.2S; 0.04±129.61E±0.04, h139km, n148, ±224/170, mb4.7/44, 35C-15D, Fault plane solution: NP1: 101.52975°, 66.104168°, 2.89823°; NP2: 0±10.12559°, 86.746439°, 1.5101061°. Principal axes: T P1g21.9406°, Azm31.9468°, N P1g60.9095°, Azm185.5604°; P P1g18.1243°, Azm59.5234°; Banda Sea

Table with columns: Code, Station Name, Az, AZP, Phase ID, Time, Res. Includes stations like SAUI, BNDI, FAKI, etc.

Table with columns: Code, Station Name, Az, AZP, Phase ID, Time, Res. Includes stations like QIS, AS31, ASAR, ASAR, etc.

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

TAP 15 23:16:53.1, 24.34N; 121.72E, h15km, 1km, ML1.7, C, Taiwan

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

NEIC 15 23:33:47.6±2.9, 6.13S; 0.05x130.73E±0.05, h107km, 11km, mb4.0/8, Error ellipse: s-maj=10.0km s-min=3.2km az=46.0

DJA 15 23:33:47.4±0.3, 6.13S; 4.3°E, h110km, 14km, M4.6/8, mb5.3/4, mb4.7/5, MLV4.5/8, Mw(MBJ)4.8/4

IDC 15 23:33:48.3±2.8, 5.91S; 130.60E, h100km, 25km, mb3.9/3, mb1.3/9.6, mb1mx3.5/35, mbtmp4.3/6, MS3.4/3, Ms1.3/4, ms1mx2.8/43, Error ellipse: s-maj=46.8km s-min=20.6km az=88.0

ISC 15 23:33:46.9±0.7, 6.10S; 0.05x130.77E±0.06, h100km, n33, 172/39, mb4.1/4, Banda Sea

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

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like FAKI, Kaimana, Sorong, etc.

IDC 15 23:39:02.0±0.2, 5.326S, 130.43E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/35, mbtmp3.7/3, ML2.9/1, Error ellipse: s-maj=133.1km s-min=31.0km az=71.0. Seram

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

IDC 15 23:52:42.1±0.7, 24.31N, 121.88E, h0km, mb3.9/25, mb1 4.1/26, mb1mx4.0/63, mbtmp4.0/26, ML3.6/1, MS3.2/7, Ms1 3.2/7, ms1mx3.0/41, Error ellipse: s-maj=18.6km s-min=16.5km az=56.0

JMA 15 23:52:45.7±0.1, 24.27N, 121.69E, h25km, Mw4.4 NIED 15 23:52:45.7, 24.27N, 121.69E, h25km, Mw4.3 Moment Tensor Solution: s3 Moment tensor: Scale 10^15Nm; M1:1.65; M2:-1.61; M3:0.05; M4:2.13; M5:-0.88; M6:1.41; Fault plane solution: M3:15000*10^15 NP1:18.58.000000°, 572.000000°, 184.000000°. NP2:257.000000°, 519.000000°, 1108.000000°

TAP 15 23:52:45.9, 24.32N, 121.76E, h19km, ML4.6, C BUI 15 23:52:45.2±0.0, 24.35N, 121.78E, h8km, mb4.5/21, mb4.2/30, ML4.3/11, Ms4.1/35, Ms7.4/0.32

NEIC 15 23:52:46.2, 24.31N, 121.75E, h26km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M1:-0.67; M2:0.04; M3:0.63; M4:1.81; M5:0.25; M6:1.42; Fault plane solution: M2:4.1000*10^15 NP1:18.229.990000°, 522.710000°, 181.840000°. NP2:18.520000°, 510.930000°, 137.950000°. Principal axes: T 2.3276, P1g37.0000°, Azm313.0000°; N 0.1485, P1g8.0000°, Azm49.0000°; P -2.4762, P1g52.0000°

ASIES 15 23:52:46.3, 24.34N, 121.73E, h19km, MW4.1 NEIC 15 23:52:46.1±1.0, 24.31N, 121.75E, h0.0/4, h18km, 2km, mb4.5/35, Mw4.2/22, ML4.5(TAP), Error ellipse: s-maj=5.7km s-min=3.3km az=111.0

ISC 15 23:52:45.9±0.7, 24.31N, 121.78E, h0.0/1, h18km, 3km, n202, 0.6/89/299, mb4.3/43, MS3.2/7, IC-8D, Taiwan

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like EHP, ENA, EWUT, ETL, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like NNSB, ENTT, ENTT, NNS, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like TWY, YULB, YULB, YULB, etc.

Table with columns for station ID, name, coordinates, and other parameters. Includes stations like SSD, TAI1, TSMC, JKRS, etc.

Table with columns for station ID, name, coordinates, and other parameters. Includes stations like AAK, COEN, WBO, WRA, etc.

Table with columns for station ID, name, coordinates, and other parameters. Includes stations like NDT, ENTT, ENTT, NNSB, etc.

Technical notes and data for station IDC 15 23:54:24.3, 0.9, 24.36N, 121.80E, h0km, mb3.9/15, etc.

Table with columns for Code, Station Name, Delta X, Delta Y, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EHP, ENA, ENW, etc.

16d 0h

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NSY, TYC, TYC, TWY, TCU, etc.

2015 OCT

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like CHN8, IRIF, CHN3, etc.

634

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR, MMAI, TAP, etc.

Table with columns: TWT, Station Name, Azimuth, Elevation, P, S, Sn, Az, El, P, S, Sn. Includes stations like Tachien, Tech, TDCB, HWA, WHF, JYNG, CHGB, YOJ, YOY, WHP, NMLH, OWD, ESL, NSY, TWQ1, WCS, WDJ, WJ, EGFH, EGFH, TCU, SMLT, TYC, TYC, SSLB, HGSD, EHY, WCHH, WCHH, WNT, WNT, WJS, WJS, WHYT, WHYT, YULB, YULB, EYUL, EYUL, ALS, ALS, CHNS, CHNS, WR, WR, IRIF, IRIF, WDLH, WDLH, FULB, FULB, WTK, WTK, CHKT, CHKT, ELDTW, ELDTW, CHN2, CHN2, HATJ, HATJ, CHY, CHY, CHN4, CHN4, TPUB, TPUB, EDH, EDH, EDH, EDH, JKRS, JKRS, STYH, STYH.

Table with columns: WTP, Station Name, Azimuth, Elevation, P, S, Sn, Az, El, P, S, Sn. Includes stations like Ta-pu, Hsinying, TWK, JIJ, LONT, SNST, CHN1, CHN1, ICHU, ICHU, SGST, SGST, JISG, JISG, MATE, MATE, TWG, TWG, TWGB, TWGB, SLGT, SLGT, TTN, TTN, LDUT, LDUT, SSD, SSD, ECL, ECL, TSMG, TSMG, JTG, JTG, PNG, PNG, PHUB, PHUB, PTMZ, PTMZ, MASBT, MASBT, LYJJ, LYJJ, XPSS, XPSS, EAST, EAST, TAW, TAW, SSPT, SSPT, SSPT, SSPT, SCZT, SCZT, VCHM, VCHM, VCHM, VCHM, SLIU, SLIU, MHZO, MHZO, TWK1, TWK1, TWK2, TWK2, KNM, KNM, KNMB, KNMB, AXDP, AXDP.

Table with columns: ENTT, Station Name, Azimuth, Elevation, P, S, Sn, Az, El, P, S, Sn. Includes stations like Nioudou, NNS, NNS, TWE, TWE, ILA, ILA, FUSS, FUSS, WHF, WHF, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, NNLW, NNLW, NNLW, NNLW, TWT, TWT, NTC, NTC, TDCB, TDCB, TDCB, TDCB, ESL, ESL, ESL, ESL, CHGB, CHGB, OWD, OWD, OWD, OWD, TIPB, TIPB, TIPB, TIPB, NHDH, NHDH, TWA, TWA, EGFH, EGFH, TWB1, TWB1, TWB1, TWB1, WHP, WHP, WHP, WHP, LIQB, LIQB, NWF, NWF, NWF, NWF, NSTT, NSTT, NSTT, NSTT, WCS, WCS, TWS1, TWS1, YMO1, YMO1, HGSD, HGSD, EHY, EHY, EHY, EHY, SMLT, SMLT, SMLT, SMLT, ANP, ANP, ANP, ANP, SSLB, SSLB, SSLB, SSLB, TWQ1, TWQ1, TWQ1, TWQ1, NSY, NSY, NSY, NSY, TYC, TYC, TYC, TYC, YULB, YULB, YULB, YULB, WHYT, WHYT, WHYT, WHYT, ALS, ALS, ALS, ALS, FULB, FULB, FULB, FULB, CHN5, CHN5, CHN5, CHN5, WRL, WRL, WRL, WRL, CHN4, CHN4, CHN4, CHN4, TWK, TWK, TWK, TWK, CHN1, CHN1, CHN1, CHN1, JKRS, JKRS, JKRS, JKRS.

TAP 16 00:09:46.7, 24.32N, 121.76E, h17km, ML3.0, C
JMA 16 00:09:47.2, 0.2, 24.29N, 121.72E, h17km, 4km
ISC 16 00:09:46.6, 0.2, 24.31N, 0.02, 121.76E, 0.103, h18km, 3km,
n56, c042/88, 3C-7D, Taiwan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HEP, HEP, ENA, ENA, EWUT, EWUT, ETL, ETL, NACB, NACB, TWD, TWD, TWD, TWD, ETLH, ETLH, ETLH, ETLH, TWC, TWC, TWC, TWC, NDS, NDS, NDS, NDS, NNSB, NNSB, NNSB, NNSB, NDT, NDT, NDT, NDT.

IDC 16 00:11:57.8, 0.7, 32.02N, 139.87E, h116km, 5km, mb3.5/16,
mb1.3/7.19, mb1mx3.6/45, mbtmp3.9/19, Error ellipse:
s-maj=19.7km s-min=9.8km az=75.0
NEIC 16 00:11:57.8, 0.2, 32.12N, 0.06, 140.2E, 0.1, h124km, 7km,
mb4.2/20, Error ellipse: s-maj=14.9km s-min=9.0km
NIED 16 00:11:57.8, 0.2, 32.15N, 140.12E, h122km, 1km, M3.6
Tensor solution. s2 Moment tensor: Scale 10^15Nm;
Mn:0.34, Mw:0.66; Mw:0.32; Mw:0.77; Mw:0.31; Mw:0.33;
Fault plane solution: Mo:1.06000x10^15 NP1:
phi=288.00000, delta=879.00000, lambda=121.00000. NP2:
phi=36.00000, delta=833.00000, lambda=121.00000.
JMA 16 00:11:57.8, 0.2, 32.15N, 140.12E, h122km, 1km, M3.6
ISC 16 00:11:58.2, 0.5, 32.13N, 0.05, 140.11E, 0.008, h132km, n78,
c1961/80, mb4.0/24, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAOM, JAOM, JAOM, JAOM, JHCJ, JHCJ, JHCJ, JHCJ, JHJ2, JHJ2, JHJ2, JHJ2, JHJ, JHJ, JHJ, JHJ, JMKN, JMKN, JMKN, JMKN, JKO, JKO, JKO, JKO, TK02, TK02, TK02, TK02, BSO3, BSO3.

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

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

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

PABE	Paberze	16.96	16	eP	Pn	00 20 07.3	-0.7	HFS	Hagfors	20.69	357	P	P	00 20 45.1	-1.2	BRVK	Borovoye	39.17	51	ceP	P	00 23 30.0	+0.9
PABE				I Amb	I Amb	00 20 22.3		OSL	Oslo	20.69	353	eP	P	00 20 46.9	+0.6	BRVK							
	comp=Z,47nm,0.5s							BLSS	Blasjo	20.78	347	eP	P	00 20 46.8	-0.4	BRVK	comp=Z,2.1nm,1.0s						
PABE	Paberze	16.96	16	P	P	00 20 06.6	+0.5	KBZ	Khabaz	20.78	69	eP	P	00 20 48.8	+1.4	BRVK	Borovoye	39.17	51	P	P	00 23 30.2	+1.1
PBUR	Paburge	17.06	12	eP	I Amb	00 20 08.1	+0.8	KBZ	comp=Z,2.5nm,0.8s,baz=279,slow=14,SNR=9.0						BRVK	DKG	40.21	348	P	P	00 23 37.5	+0.2	
PBUR						00 20 23.0		KBZ	Khabaz	20.78	69	eP	P	00 20 50.4	-3.0	CHGR	Chuyangaron	41.05	73	I Amb	I Amb	00 23 45.5	+0.7
	comp=Z,7.6nm,0.9s																						
SMIR	Smir Dam	17.07	264	P	Pn	00 20 09.0	-0.7	OBN	Obninsk	20.98	35	P	P	00 20 49.8	+0.5	GAR	Garm	41.80	73	P	P	00 23 51.5	+0.7
GAZ	Gaziantep	17.09	91	P	P	00 20 08.5	+0.5	OBN	comp=Z,1.8nm,0.3s,baz=120,slow=20,SNR=3.4						BTK	Batken	41.83	71	P	P	00 23 51.6	+0.5	
PBRG	Braganca	17.12	285	eP	P	00 20 07.7	+0.5	OBN	Obninsk	20.98	35	eP	P	00 20 48.0	-1.4	BTK							
	comp=Z,4.1nm,1.5s							OBN				eSP	sP	00 21 57.4	-0.9	SACV	Santiago Islan	42.11	246	I Amb	I Amb	00 23 51.6	+0.5
MNK	Minsk	17.14	25	iP	P	00 20 06.6	-1.6	OBN				eS	S	00 24 25.6	-1.9	SACV							
MNK						00 23 11.5	-2.5	OBN	comp=Z,3.0nm,0.6s	20.98	35	P	P	00 20 47.9	-1.4	SACV							
MNK	comp=N,25nm,0.8s							OBN	Obninsk	20.98	35	eP	P	00 20 48.5	-1.9	MBAR	Mbarara	42.24	157	P	P	00 23 54.1	-0.6
MNK	comp=E,3.0nm,0.8s							DRUM	Mains of Drumt	21.08	332	eP	P	00 20 49.0	-1.9	MBAR							
MNK	comp=Z,4.8nm,0.8s							DRUM				I Amb	I Amb										
MNK	comp=N,63nm,16.0s							ONI	Oni	21.18	73	P	P	00 20 52.4	+0.9	MBAR	comp=Z,2.0nm,0.7s						
MNK								ONI								AAK	Ala-Archa	42.24	157	P	P	00 23 54.1	-0.6
MNK	comp=Z,4.3nm,16.0s							ONI	Oni	21.18	73	P	P	00 20 52.4	+0.9	AAK							
MNK	comp=E,9.0nm,16.0s							ODDI	Odda	21.21	347	eP	P	00 20 51.2	-0.4	AAK	Ala-Archa	43.72	66	P	P	00 24 06.0	-0.2
MNK	comp=Z,3.0nm,0.8s							ODDI	Odda	21.21	347	eP	P	00 20 51.2	-1.5	SFJD	Kangerlussuaq	45.17	330	P	P	00 24 17.4	+0.3
MNK		17.14	25	iP	P	00 20 06.7	-1.5	CLGH	Cloghs, Cushen	21.32	324	eP	I Amb	00 20 52.7		SFJD							
MNK								CLGH															
MNK	comp=N,25nm,0.8s							INVG	Invergelde, C	21.33	329	eP	I Amb	00 20 50.7	-2.0	ILULI	Kangerlussuaq	45.17	330	P	P	00 24 19.3	-0.4
MNK	comp=Z,4.8nm,0.8s,baz=214							INVG								ILULI							
MNK								NC602	NORSAR Array S	21.41	354	P	I Amb	00 20 52.3	-1.2	ILULI	comp=Z,2.2nm,1.1s						
MNK								NC602								ILULI	Ilulissat	45.50	333	P	I Amb	00 24 19.3	-0.4
MNK	comp=E,9.0nm,16.1s							NC602	NORSAR Array S	21.41	354	eP	P	00 20 51.7	-1.8	ILULI	comp=Z,2.2nm,1.1s						
MNK	comp=N,63nm,15.8s							NC602	NORSAR Array B	21.41	354	P	P	00 20 51.7	-1.8	NIL	Niilore	45.97	78	P	P	00 24 25.4	+1.4
MNK								MEF	Metsahovi	21.46	12	eP	P	00 20 53.3	-0.6	NIL							
MNK	comp=Z,4.3nm,15.8s							ZEI	Tsey	21.50	72	eP	P	00 21 08.0	+1.3	NIL	comp=Z,5.0nm,0.5s						
								ZEI								NIL	Niilore	45.97	78	P	P	00 24 25.4	+1.4
NACGM	Naroch	17.14	22	iP	P	00 20 08.0	-0.1	NAO1	comp=Z,4.0nm,1.1s							TARG	Taragay, Kyrgy	46.34	66	I Amb	P	00 24 30.0	
MMAI	Mount Meron Ar	17.20	106	P	Pn	00 20 11.2	-0.1	NAO1	NORSAR Array S	21.57	354	P	P	00 20 54.7	-0.4	NRIK	Noril'sk	47.35	27	P	P	00 24 35.0	+1.0
CHFC	Chefchaouen	17.24	262	eP	P	00 20 10.0	+0.4	NB2	NORSAR Subarra	21.74	354	P	P	00 20 54.9	-1.8	NRIK	comp=Z,7.1nm,0.5s,baz=248,slow=3.0,SNR=11						
MEVO	Moncoeur	17.35	283	eP	P	00 20 11.0	+0.3	NB2	comp=Z,3.1nm,1.4s,baz=171,slow=11						NRIK	Noril'sk	47.35	27	P	P	00 24 35.1	+1.0	
IIGN	Ignalina	17.37	21	eP	Pn	00 20 12.0	-0.9	NB2	NORSAR Subarra	21.74	354	P	P	00 20 54.9	-1.8	NRIK							
STRD	Stroud	17.42	321	eP	I Amb	00 20 09.9	-1.4	NOA	NORSAR Array B	21.74	354	P	P	00 20 54.9	-1.8	NRIK	comp=Z,9.0nm,0.6s						
STRD						00 20 12.1		NOA	comp=Z,1.4nm,0.5s,baz=172,slow=10,SNR=21						NRIK								
SFS	San Fernando	17.47	267	P	P	00 20 11.0	-1.0	NOA	comp=Z,0.6nm,0.7s,baz=155,slow=2.7,SNR=2.3						MAKZ	Makanchi	47.65	58	P	P	00 24 37.2	+0.5	
SFS								NOA	NORSAR Array B	21.74	354	P	P	00 20 54.9	-1.8	MAKZ							
SFS	comp=Z,4.7nm,0.6s							NOA							MAKZ	comp=Z,4.0nm,0.7s							
ISAL	Salakas	17.54	20	eP	Pn	00 20 13.8	-1.0	NB201	NORSAR Array S	21.74	354	P	P	00 20 56.2	-0.5	MAKZ	Makanchi	47.65	58	P	P	00 24 37.2	+0.5
MDT	Midelt	17.63	254	P	P	00 20 14.0	+0.1	LABW	Loch Awe, Argy	21.77	327	eP	I Amb	00 20 55.5	-1.4	ZALV	Zalesovo Beam	47.66	48	P	P	00 24 37.0	+0.3
								LAWE							ZALV	comp=Z,6.7nm,0.4s,baz=204,slow=8.0,SNR=4.2							
RSA	Sarsar	17.69	262	P	P	00 20 15.0	+0.5	NC405	NORSAR Array S	21.77	355	P	P	00 20 56.6	-1.4	ZALV	Zalesovo Beam	47.66	48	P	P	00 24 36.9	+0.3
PBAR	Barrancos	17.70	273	eP	P	00 20 14.3	-0.2	MOS	Moscow	21.84	35	eP	P	00 20 56.7	-0.9	ZALV							
PMRV	Marv??o	17.77	277	eP	P	00 20 15.4	+0.1	MOS							MKAR	comp=Z,7.0nm,0.4s							
MONM	Monmouth	17.77	320	eP	P	00 20 14.5	-0.6	MOS							MKAR	comp=Z,9.9nm,0.6s,baz=284,slow=7.0,SNR=141							
MTE	Manteigas	17.78	280	eP	P	00 20 15.5	+0.1	MOS							MKAR	comp=Z,2.4nm,0.6s,baz=316,slow=5.1,SNR=4.3							
MTE								BER	Bergen	21.88	346	eP	P	00 20 57.5	-0.4	MKAR	Makanchi Array	47.66	58	P	P	00 24 38.8	+0.5
PCBR	Castelo Branco	17.79	278	eP	P	00 20 15.4	-0.0	RAF	Rauma	21.88	8	eP	P	00 20 57.4	-0.5	MKAR	Makanchi Array	47.66	58	P	P	00 24 38.7	+0.4
	comp=Z,4.0nm,1.5s							NC303	NORSAR Array S	21.91	354	P	P	00 20 58.1	-0.1	DRLN	Deer Lake	51.27	307	P	I Amb	00 25 02.6	-1.2
PVRL	Vila Real	17.86	283	eP	Pn	00 20 17.6	-1.4	NC204	NORSAR Array S	21.92	358	P	P	00 20 57.9	-1.4	DRLN							
POLO	Lamas de Oiro	17.92	284	eP	P	00 20 18.0	+1.1	PUL	Pulvoo	22.32	20	ceP	P	00 20 52.5	+0.6	GNI	Garni	22.33	79	P	P	00 21 03.7	+1.2
	comp=Z,1.9nm,1.4s							GNI	Garni	22.33	79	P	P	00 21 03.7	+1.2	GNI							
MCH1	Milchaelchael	17.97	320	eP	P	00 20 15.3	-1.9	GNI	Garni	22.33	79	P	P	00 21 03.7	+1.2	GNI							
PESTR	Estremoz	18.01	275	eP	P	00 20 17.5	-0.3	HYA	Hoyanger	22.47	348	eP	P	00 21 04.2	+1.0	HYA							
PESTR	Estremoz	18.01	275	P	P	00 20 17.3	-0.5	KAC	Kachellach	22.57	358	eP	P	00 21 02.2	-2.1	KAC							
PESTR	Estremoz	18.01	275	P	P	00 20 18.3		KPL	Plockton	22.60	329	eP	I Amb	00 21 03.0	-1.5	KPL							
PESTR	Estremoz	18.01	275	P	P	00 20 17.5	-0.3	SUE	Sulen	22.61	346	eP	P	00 21 05.3	+0.7	SUE							
PVIS	Viseu	18.03	281	eP	P	00 20 18.2	+0.1	FINES	FINESS Array B	22.90	19	P	P	00 21 07.1	-0.1	FINES	comp=Z,7.4nm,0.5s						
PCAB	Cabril	18.09	285	eP	P	00 20 18.3	-0.4	FINES	comp=Z,4.4nm,0.6s,baz=188,slow=8.2,SNR=147						GBN	Guysborough	55.18	303	P	I Amb	00 25 31.2	-1.1	
PCAB	comp=Z,3.0nm,1.2s							FINES	FINESS Array B	22.90	19	P	P	00 24 49.2	-0.3	GBN							
PCAB	Beja	18.39	273	eP	P	00 20 21.4	-0.4	FINES	comp=Z,2.7nm,0.4s,baz=126,slow=1.7,SNR=9.5						GBN								
EVO	Evora	18.39	275	eP	P	00 20 21.4	-0.5	FINES	FINESS Array S	22.90	13	P	P	00 21 07.1	-0.1	GBN	comp=Z,1.8nm,0.7s,baz=316,slow=5.1,SNR=4.3						
PVAQ	Vaqueiros	18.40	271	eP	P	00 20 21.5	-0.5	FIA1	FINESS Array B	22.90	13	P	P	00 24 49.2	-0.3	GBN							
PVAQ	comp=Z,2.4nm,1.2s							FIA1	FINESS Array S	22.90	13	P	P	00 21 06.8	-0.4	GBN							
PVAQ	comp=Z,2.2nm,1.1s							DOMB	Dombas	22.93	352	eP	P	00 21 07.0	-0.2	GBN							
PVAQ	Vaqueiros	18.40	271	I Amb	I Amb	00 20 25.0		DOMB							GBN								
PVAQ	comp=Z,1.1nm,0.6s							LINV	Loch Inver, As	22.98	331	eP	I Amb	00 21 08.4	-1.6	GBN							
COI	Coimbra	18.40	271	P	P	00 20 22.3	+0.3	LINV							HAL	Halifax	56.84	303	P	P	00 25 43.6	-0.5	
COI								FOO	Floro	23.07	347	eP											

16d 2h

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.

2015 OCT

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.

640

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.

IDC 16 01:28:10.0,2.5,3,20S:135/43E,h0km,mb3.3/2, mb1 3.6/5,mb1mx3.4/31,mbmt3.5/5,ML3.0/3,MS3.0/1, Ms1 3.0/1,ms1mx2.5/20,Error ellipse: s-maj=57.2km s-min=25.6km az=68.0,Irian Jaya region

ISU 16 02:02:29,41.37N,71.73E,h5km KRNET 16 02:02:30,9.0,1.41,27N:71.76E,h15km,mb3.1 SOME 16 02:31,3,41,27N:71.88E,h10km NNC 16 02:02:37,41.9,41,55N:71.98E,h0km,mb3.6,mpv3.3 Error ellipse: s-maj=18.7km s-min=5.5km az=10.0

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.

16d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SGKR Sergokala, URKR Urkarakh, and various international stations.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS Moscow, BURAR Bucovina Array, and various international stations.

642

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBA Wattenberg, SUF Sumaienen, and various international stations.

JMA 16 02:33:43.6.0.1, 24*28N, 121*69E, h22km, 2km, M2.7
TAP 16 02:33:43.2, 24*32N, 121*75E, h19km, ML3.6 B
ISC 16 02:33:43.7, 0.8, 24*31N, 0.01, 121*75E, 0.02, h18km, 3km,
n88, c072, 140, 1C-8D, Taiwan

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ETLH Xiulin Townshi, TWD Chiawan, NDS Dongshan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like NSY Sanyi, TSY Yuchr, TCU Taichung, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ASAR Alice Springs, H0BS2 Diego Garcia H, H0BS3 Diego Garcia H, etc.

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

Table with columns: WPRZ Whakapapatarin, KUTZ Kaahu Road, MHGZ Mahia Peninsula, etc. Includes stations like WPRZ Whakapapatarin, KUTZ Kaahu Road, etc.

Table with columns: VVND Vanda, SBA Scott Base, MTN Manton Dam, etc. Includes stations like VVND Vanda, SBA Scott Base, MTN Manton Dam, etc.

NOU 16 04:13:32.3, 35:14S:179.87W, h282km, mb4.9/31, East of North Island, N.Z.

NEIC 16 04:13:34.5-1.7, 34:48S:0:08:179:07E, h226km, 5km, mb4.6/24, Error ellipse: s-maj=12.8km s-min=7.4km az=154.0

IDC 16 04:13:36.3-2.5, 34:06S:179:11E, h251km, 21km, mb4.2/8, s-maj=19.0km s-min=15.6km az=63.0

WEL 16 04:13:37.0, 35:59S:177:09E, h289km, 7km, MS 2.66, mb5.6/24, ML5.6/49, ML6.3/66, MW(mb)5.1/24, Error ellipse: s-maj=0.0km s-min=0.0km az=105.4

ISC 16 04:13:32.4-0.4, 34:41S:0:04:178.97E:0:06, h200km, n188, az36/205, mb4.7/22, South of Kermadec Islands

NEIC 16 04:43:55.8:1.6, 19:97S:0:04:68:73W:0:06, h108km, 4km, mb4.5/4, 8km s-min=5.7km az=65.0

IDC 16 04:43:57.4:0.2, 20:00S:68:61W, h123km, 3km, mb3.8/14, mb1.4/18, mb1mx4.0/31, mbmp4.3/18, Error ellipse: s-maj=13.4km s-min=6.9km az=95.0

NEIC 16 04:43:58.20:48S:69:48W, h100km, Moment Tensor Solution, Moment solution: M1:67000*10^6 NP1:~197.00000*, M2:0.07000*, M3:119.00000*, NP2:~339.00000*, delta.00000*, delta.00000*, Principal axes: T: 1.7427, Plg2:0.00000*, Azm183.00000*, N: -0.1587, Plg2:0.00000*, Azm357.00000*, P: -1.5840, Plg2:0.00000*, Azm88.00000*

GUC 16 04:43:58.0:0.7, 20:07S:68:89W, h115km, 3km, ML4.8 VAO 16 04:43:58.0:0.3, 19:94S:68:69W, h134km, mb4.9

ISC 16 04:43:56.3:0.4, 20:02S:60:63E:0:05, h119km, 3km, n227, r124/244, mb4.4/33, 9C-6D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IPOC Station P, AF01 Sao Pedro de A, PB05 IPOC Station P, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JCT Junction City, MIAR Mount Ida, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like SKR Severo-Kuril's, KDR Khodutka, etc.

BUI 16 04:48:29.70, 0.49, 28N; 156:18E, h15km, mB4, 9/32, mB4, 7/44, Ms4, 5/25, Ms7 4/3/25
KRSC 16 04:48:32.92, 0.49, 04N; 157:28E, h40km, mB5, 0/19, mB5, 3/2, ms4, 5/7
MOS 16 04:48:33.91, 1.2, 49:12N; 156:21E, h40km, mB5, 1/65,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AKTO, AB31, AB31, AB31, AKKB, OBN, OBN, KIRV, ARU, ARU, BRVK, BRVK.

JMA 16 06:35:41.3±0.1, 24.27°N; 121.71°E, h25km±1km, M3.3
TAP 16 06:35:41.2, 24.32°N; 121.76°E, h19km, ML3.9, B
ISC 16 06:35:41.6±0.8, 24.31°N; 0.01±121.77°E; 0.02, h15km±4km,
n106, e0979/183, 9D, Taiwan

Main table of station data for the 2015 OCT event, listing station codes, names, coordinates, and residuals.

Main table of station data for the 2015 OCT event, listing station codes, names, coordinates, and residuals.

Table of station data for the 16d 6h event, listing station codes, names, coordinates, and residuals.

BUI 16 06:38:22.5±0.0, 55.60°N; 159.30°E, h277km, mb5.0/63, mb4.9/79
DNK 16 06:38:23.2±0.1, 55.28°N; 159.62°E, h285km, mb5.4
KRSC 16 06:38:23.2±0.0, 55.54°N; 159.52°E, h295km, mb5.9, ML5.9
MOS 16 06:38:24.6±0.9, 55.64°N; 159.10°E, h283km, mb5.5/96, MS4.2/13, Error ellipse: s-maj=6.1km s-min=3.1km

NEIC 16 06:38:25.4±0.5, 66°N; 159°20'E, h283km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=3.78; Mw=0.50; Ms=3.27; M0=0.74; Mb=0.03; Mr=2.26; Fault plane solution: M=4.27000x10^17 Np1=3.250, 33000°, 861.92000°, -97.36000°. NP2=185.67000°, 828.95000°, -76.50000°. Principal axes: T 3.9511, Plg17.0000°, Azm86.0000°; N 0.5850, Plg6.0000°, Azm354.0000°; P -4.5361, Plg72.0000°, Azm243.0000°.

BGR 16 06:38:25.7±0.0, 55.64°N; 159.65°E, h289km, mb3.6
IDC 16 06:38:26.2±0.4, 55.69°N; 159.06°E, h283km, mb3.9/4.34, mb1.5/0.38, mb1mxs/0.43, mbtmps/5.38, Error ellipse: s-maj=7.5km s-min=5.7km az=147.0
NEIC 16 06:38:26.2±1.8, 55.60°N; 159.20°E, h285km, mb5.5/96, Mw=5.96, Mwb=5.771, Mww=5.6, Error ellipse: s-maj=13.5km s-min=12.0km az=158.0

GCMT 16 06:38:28.2±0.1, 55.67°N; 0.01±159.37°E; 0.01, h284km, Mw=5.7/158, Moment Tensor Solution. s139.c273; s158.c313; Duration: 166 Moment tensor: scale 10^17Nm; Mr=2.81±.03; Mw=0.10±.04; M0=0.91±.04; Mb=0.37±.04; Mr=2.43±.04; Best double couple: M=3.87800x10^17 Np1=203.00000°, 828.00000°, -60.00000°. NP2=349.00000°, 866.00000°, -105.00000°. Principal axes: T 3.8030, Plg20.0000°, Azm91.0000°; N 0.1550, Plg14.0000°, Azm355.0000°; P -3.6540, Plg65.0000°, Azm104.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16 06:38:29.5±5.7N; 159.19°E, h290km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=3.10; Mw=0.35; Ms=2.75; M0=0.45; Mb=0.04; Mr=1.80; Fault plane solution: M=3.48000x10^17 Np1=184.00000°, 829.00000°, -80.00000°. NP2=353.00000°, 861.00000°, -95.00000°. Principal axes: T 3.2687, Plg16.0000°, Azm87.0000°; N 0.3860, Plg5.0000°, Azm355.0000°; P -3.6547, Plg73.0000°, Azm249.0000°.

ISC 16 06:38:25.9±0.2, 55.52°N; 159.12°E, h286km, mb5.1, h285km, mb5.9, mb1478, mb1478, mb5.6/367, 238C-704D, Fault plane solution: NP1=193.39111°, 829.78346°, -96.01852°. NP2=193.39111°, 829.78346°, -96.01852°. Principal axes: T Plg15.5738°, Azm95.6195°; N Plg5.2502°, Azm4.1519°; P Plg73.5222°, Azm256.0530°; Kamchatka Peninsula

Table of station data for the 16d 6h event, listing station codes, names, coordinates, and residuals.

16d 6h

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2015 OCT

Table with columns: Station Name, Time, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

654

Table with columns: Station Name, Time, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

FINES	comp=Z,23nm,0.7s,baz=45,slow=5.9,SNR=4.9	PcP	PcP	06 48 35.0	-0.3
FINES	comp=Z,28nm,0.9s,baz=34,slow=1.4,SNR=19	S	S	06 55 20.4	+0.5
FINES	FINES Array B	57.57 335	P	06 47 45.6	+0.1
ARVC	Arvin	baz=318	P	06 47 46.3	+0.2
ARVC	baz=318	S	S	06 55 21.8	+0.8
NLU	North Lily Min	57.60 66	P	06 47 47.6	+1.2
SBC	Santa Barbara	57.62 75	S	06 55 23.7	+2.5
FURC	Furnace Creek	57.66 72	P	06 47 47.6	+1.1
FURC	baz=318,SNR=50	S	S	06 55 25.5	+3.8
MDND	Maddock	57.73 51	P	06 47 47.6	+0.8
MDND	baz=319,SNR=14	S	S	06 55 25.1	+2.7
CHTO	Chiang Mai	57.91 256	P	06 47 48.8	+0.3
CHTO	comp=Z,27nm,1.3s	P	P		
LRMC	Laurel Mtn Rad	57.95 73	P	06 47 49.2	+0.4
LRMC	baz=318	S	S	06 55 28.4	+2.5
PUL	Pulkovo	57.96 332	eP	06 47 48.4	+0.2
PUL	comp=Z,298nm,0.9s	P	P		
OSI	Osito Audit: C	58.03 74	P	06 47 50.1	+0.9
OSI	baz=319,SNR=8.3	S	S	06 55 29.0	+2.2
NUUK	Nuuk	58.19 15	iP	06 47 49.4	-0.4
NUUK	comp=Z,90nm,1.0s	IAMB	IAMB		
CM31	Chiang Mai Arr	58.20 256	P	06 47 52.0	+1.5
CMAR	Chiang Mai Arr	58.20 256	P	06 47 51.0	+0.5
CMAR	comp=Z,14nm,0.8s,baz=21,slow=5.5,SNR=37	P	P		
CMAR	comp=Z,59nm,0.9s,baz=16,slow=4.0,SNR=31	P	P		
CMAR	comp=Z,7.5nm,0.9s,baz=32,slow=7.7,SNR=1.1	P	P		
CMAR	comp=Z,1.0nm,0.3s,baz=251,slow=4.0,SNR=7.6	P	P		
CMAR	comp=Z,1.2nm,0.3s,baz=15,slow=4.1,SNR=5.2	P	P		
CMAR	Chiang Mai Arr	58.20 256	P	06 47 50.8	+0.2
CMAR	Edwards Air Fo	58.23 74	P	06 47 51.4	+0.8
EDW2	baz=319,SNR=33	S	S	06 55 30.0	+0.7
GAR	Garm	58.30 294	P	06 47 50.8	-0.3
GAR	comp=Z,267nm,1.2s	IAMB	IAMB		
K22A	Casper	58.39 60	P	06 47 52.3	+0.5
K22A	Casper	58.39 60	P	06 47 52.1	+0.4
K22A	baz=318,SNR=11	S	S	06 55 32.3	+0.9
SHOC	Shoshone, Teco	58.40 72	P	06 47 52.7	+1.0
SHOC	baz=318,SNR=14	S	S	06 55 32.3	+0.9
BELG	Belogornoye	58.44 318	dIP	06 47 51.6	0.0
BELG	comp=Z,35nm,0.9s	P	P		
DECC	Green Verdugo	58.51 74	P	06 47 52.8	+0.3
DECC	baz=319	S	S	06 55 32.5	-0.4
GSC	Goldstone, Bar	58.56 72	P	06 47 53.7	+0.8
GSC	baz=319,SNR=24	S	S	06 55 35.2	+1.6
SNCC	San Nicolas Is	58.61 76	P	06 47 54.0	+0.8
SNCC	baz=319	S	S	06 55 35.5	+1.3
RRX	Edison Barstow	58.77 73	P	06 55 36.9	+0.6
BFSC	Mount Baldy Ra	58.79 74	P	06 47 55.7	+0.5
BFSC	baz=319,SNR=9.8	S	S	06 55 39.8	+1.8
RAF	Rauma	58.92 337	eP	06 47 54.9	0.0
TUQ	Turquoise Moun	58.93 72	P	06 47 56.2	+0.7
TUQ	baz=319	S	S	06 55 42.5	+3.9
AGMN	Agassiz Nation	59.01 49	P	06 47 55.3	-0.3
AGMN	baz=320	S	S	06 55 38.8	-0.1
TBLU	Trondheim	59.02 344	eP	06 47 54.7	-0.8
MIF	Metsahovi	59.05 336	eP	06 47 55.9	+0.2
CIS	Catalina Islan	59.11 75	P	06 47 57.1	+0.5
CIS	baz=319	S	S	06 55 42.9	+2.3
HEC	Hector,Ludlow	59.16 73	P	06 47 57.9	+0.8
HEC	baz=319,SNR=34	S	S	06 55 43.7	+2.3
LCMT	Little Creek M	59.18 69	P	06 47 58.4	+1.2
MOS	Moscow	59.23 326	eP	06 47 55.2	-1.8
MOS	comp=Z,1um,2.1s	P	P		
MOS	comp=Z,376nm,1.6s	P	P		
BBRC	Big Bear Solar	59.27 73	S	06 55 45.6	+2.4
O20A	White River Ci	59.42 63	P	06 47 59.7	+0.8
O20A	baz=319,SNR=52	S	S	06 55 47.5	+2.7
GMRC	Granite Mounta	59.56 72	P	06 48 00.6	+0.8
GMRC	baz=319,SNR=32	S	S	06 55 49.1	+2.5
MURC	Murrieta	59.62 74	P	06 48 00.3	+0.2
MURC	baz=319	S	S	06 55 48.3	+1.1
JAY	Jayapura	59.88 201	P	06 48 03.6	+1.6
JAY	comp=Z,80nm,1.5s	P	P		
JAY	Jayapura	59.88 201	P	06 48 03.8	+1.8
RABL	Rabaul	59.88 188	P	06 48 03.2	+1.2
BELC	Belle Mtn, Jos	59.97 73	P	06 48 02.4	-0.2
BELC	baz=319,SNR=13	S	S	06 55 52.0	+0.2
N23A	Red Feather La	60.00 61	P	06 48 03.7	+0.9
N23A	baz=319,SNR=19	S	S	06 55 55.2	+2.8
PFO	Pinyon Flats O	60.02 74	eP	06 48 01.9	-1.0
PFO	comp=Z,9.0nm,0.8s	P	P		
PFO	Pinyon Flats O	60.02 74	P	06 48 03.0	+0.1
PFO	baz=319,SNR=9.3	S	S	06 55 54.1	+1.7
VSU	Vasula	60.02 333	eP	06 48 02.5	+0.2
VSU	comp=Z,534nm,0.9s	P	P		
VSU	Vasula	60.02 333	dIP	06 48 02.8	-0.2
TPFO	Pinon Flats	60.02 74	P	06 48 02.8	-0.2
TPFO	baz=319,SNR=9.7	S	S	06 55 53.6	+1.2
AAL	Aland	60.07 338	eP	06 48 02.3	-0.3
MOL	Molde	60.07 345	P	06 48 02.5	-0.1
MOL	comp=Z,2um,1.4s	IAMB	IAMB		
GENI	Genyem	60.07 202	P	06 48 05.5	+2.3

OBN	comp=Z,6umcomp=Z,21nm,1.4s	OBN	OBN	06 48 02.3	-0.5
OBN	Obninsk	60.08 326	dIP	06 48 44.4	
OBN	comp=Z,2um,1.1s	P	P		
OBN	Obninsk	60.08 326	dIP	06 49 06.4	+0.9
OBN	Obninsk	60.08 326	dIP	06 49 37.8	+1.1
OBN	Obninsk	60.08 326	dIP	06 50 16.8	
OBN	comp=Z,147nm,1.3s	P	P		
NEE2	Needles Airpor	60.14 71	S	06 55 55.5	+1.9
109C	Camp Elliot, M	60.21 75	P	06 48 04.8	+0.7
109C	baz=320	S	S	06 55 57.2	+2.6
IRM	Iron Mountain	60.31 72	P	06 48 05.3	+0.5
IRM	baz=320	S	S	06 55 59.0	+3.1
DOMB	Dombas	60.35 344	dIP	06 48 04.4	-0.2
MTSE	Matsula	60.52 335	eP	06 48 06.0	+0.3
AKN	Aaknes	60.52 345	dIP	06 48 06.0	+0.3
AKN	comp=Z,2um,0.8s	IAMB	IAMB		
BC3	Big Chuckawall	60.53 73	P	06 48 06.4	+0.1
BC3	baz=320,SNR=9.9	S	S	06 56 01.0	+2.2
MONP2	Monument Peak	60.58 74	P	06 48 07.3	+0.4
SUSD	Miller	60.61 54	P	06 48 06.6	0.0
SUSD	baz=320,SNR=6.7	S	S	06 56 00.4	+1.0
PV02	Paradox Valley	60.62 65	P	06 48 07.7	+0.6
PV15	Paradox Valley	60.65 64	P	06 48 08.0	+0.7
PV15	comp=Z,222nm,1.7s	IAMB	IAMB		
MNI	Manado	60.71 220	P	06 48 08.7	+1.1
MNI	comp=Z,146nm,0.8s	P	P		
SWI	Sorong	60.72 212	P	06 48 09.0	+1.4
SWI	comp=Z,405nm,1.6s	P	P		
SWI	Sorong	60.72 212	P	06 48 09.5	+1.9
PDMC1	Parker Dam,Lak	60.74 71	P	06 48 08.5	+0.9
PDMC1	baz=320	S	S	06 56 05.0	+3.8
NIL	Nilore	60.77 288	P	06 48 08.1	+0.3
NIL	comp=Z,141nm,1.8s	P	P		
UPPS	Uppsala	60.86 339	eP	06 48 07.8	-0.1
SWSC	Sam W. Stewart	60.88 74	P	06 48 08.8	+0.3
SWSC	baz=320	S	S	06 56 05.5	+2.5
IKP	In-Ko-Pah, Jac	60.94 74	P	06 48 08.7	-0.3
IKP	baz=320	S	S	06 56 05.0	+1.1
NB2	NORSAR Subarra	60.95 343	P	06 48 08.4	-0.2
NB2	comp=Z,358nm,1.0s,baz=21,slow=6.9	P	P		
NB2	NORSAR Subarra	60.95 343	P	06 48 08.4	-0.2
NB2	comp=Z,358nm,1.0s,baz=21,slow=6.9	P	P		
NOA	NORSAR Array B	60.95 343	P	06 48 07.9	-0.7
NOA	comp=Z,121nm,0.7s,baz=20,slow=6.7,SNR=434	P	P		
NOA	comp=Z,35nm,0.9s,baz=21,slow=2.7,SNR=8.5	P	P		
ISCO	Idaho Springs	60.99 61	P	06 48 11.0	+1.4
ISCO	comp=Z,22nm,1.1s	P	P		
ISCO	Idaho Springs	60.99 61	P	06 48 10.6	+1.0
ISCO	baz=320,SNR=9.3	S	S	06 56 08.9	+4.0
EYMN	Ely	61.11 46	P	06 48 09.8	-0.1
EYMN	comp=Z,186nm,1.2s	IAMB	IAMB		
EYMN	Ely	61.11 46	P	06 48 09.5	-0.4
EYMN	baz=322,SNR=15	S	S	06 56 03.8	-1.8
SPMM	Sapulut	61.12 320	P	06 48 12.0	+1.6
NC602	NORSAR Array S	61.18 342	P	06 48 10.2	+0.1
NC602	comp=Z,178nm,1.1s	IAMB	IAMB		
NC602	NORSAR Array S	61.18 342	P	06 48 09.6	-0.5
NC602	comp=Z,178nm,1.1s	IAMB	IAMB		
WUAZ	Wupatki	61.30 68	P	06 48 10.2	+0.1
WUAZ	baz=320,SNR=22	S	S	06 56 13.4	+4.8
GLA	Glamis	61.33 73	P	06 48 12.4	+0.8
GLA	baz=320,SNR=8.8	S	S	06 56 12.3	+3.6
FOO	Floro	61.35 346	dIP	06 48 11.2	0.0
LPSR	Galich'ya Gora	61.40 323	eP	06 48 11.2	-0.5
LPSR	comp=Z,170nm,0.8s	P	P		
LPSR	comp=Z,420nm,7.9s	P	P		
MVCO	Mesa Verde	61.51 65	P	06 48 13.5	+0.5
MVCO	baz=320,SNR=16	S	S	06 56 15.4	+4.1
VRH	Novokhoporsky	61.58 321	eP	06 48 11.9	-1.0
VRH	comp=Z,90nm,0.8s	P	P		
VRH	Novokhoporsky	61.58 321	eP	06 48 07.5	-3.7
VRH	comp=Z,460nm,7.8s	P	P		
HYA	Hoyanger	61.61 345	dIP	06 48 13.2	+0.3
SKAR	Skarslia	61.76 344	dIP	06 48 14.3	+0.3
SKAR	comp=Z,2um,1.3s	IAMB	IAMB		
KMSI	Cibinong	61.83 221	P	06 48 16.3	+3.0
SLIT	Sittere, Latvi	61.85 335	eP	06 48 14.6	0.0
Q24A	Divide	61.86 62	P	06 48 15.9	+0.5
Q24A	baz=320,SNR=6.1	S	S	06 56 19.2	+3.4
OGNE	Ogallala	61.87 58	P	06 48 16.0	+0.8
OGNE	baz=321,SNR=12	S	S	06 56 17.1	+1.7
F36A	Sue	61.91 49	P	06 48 14.8	-0.5
SUE	Sulen	61.91 346	dIP	06 48 15.1	+0.1
SUE	comp=Z,2um,1.1s	IAMB	IAMB		
S22A	4UR Ranch, Cre	61.95 64	P	06 48 17.1	+1.1
S22A	baz=320,SNR=31	S	S	06 56 21.1	+4.1
NRS	Narsarsuaq	61.96 13	eP	06 48 13.8	-1.4
NRS	comp=Z,160nm,1.1s	P	P		
NRS	Narsarsuaq	61.96 13	eP	06 48 13.9	-1.4
NRS	comp=Z,160nm,1.1s	P	P		
OSL	Orontallo	62.07 343	dIP	06 48 16.3	+0.3
GTOI	Gorontalo	62.14 222	P	06 48 17.5	+0.4
ECSO	EROS Data Cent	62.23 53	P	06 48 17.2	-0.2
ECSO	comp=Z,95nm,1.1s	IAMB	IAMB		
ECSO	EROS Data Cent	62.23 53	P	06 48 16.9	-0.5
ECSO	baz=322,SNR=38	S	S	06 56 20.2	+0.6
KBL	Kabul	62.34 291	P	06 48 16.9	-1.6
KBL	comp=Z,79nm,1.3s	P	P		
FAKI	Fak Fak	62.38 211	P	06 48 20.0	+1.4
W18A	Petrified Fore	62.46 68	P	06 48 20.2	+0.9
W18A	comp=Z,4umcomp=Z,200nm,2.0s	P	P		
W18A	baz=320,SNR=6.4	S	S	06 56 28.4	+5.2

BER	Bergen	62.48 346	P	06 48 19.2	+0.2
BER	comp=Z,337nm,0.9s	P	P		
BER	Bergen	62.48 346	dIP	06 48 18.9	+0.2
BER	comp=Z,337nm,0.9s	P	P		
KONO	Kongsberg	62.53 343	dIP	06 48 19.4	+0.4
KONO	comp=Z,172nm,1.1s	IAMB	IAMB		
TOL12	Tollitol	62.57 224	P	06 48 20.4	+0.6
SDCO	Great Sand Dun	62.62 63	P	06 48 21.0	+0.6
SDCO	baz=321,SNR=12	S	S	06 56 28.1	+2.8
VORD	Divnogorie	62.64 322	eP	06 48 19.6	-0.3
VORD	comp=Z,80nm,0.9s	P	P		
VORD	Divnogorie	62.64 322	eP	06 48 2	

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like Port Moresby, Mund, MUD, JFWS Jewell Farm, COP Copenhagen, BSD Bornholm Skovb, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like DDFL Dedoflistskaro, EBL Broad Law, MNGR Hingschevir, ONI Helgoland, SEAG Tbilisi Sea, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like BORA Borcka IAS, CHVC Chvalec Collin, CLLL Colim, WIM Isle of Man, GMM Mts of Zorro, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other technical details. Includes stations like MOX, YLL, TANN, WERD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other technical details. Includes stations like KHC, TCH, TNS, IWEX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other technical details. Includes stations like N59A, N59A, 833A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BDFB, JANB, GDU01, etc.

GUC 16 06:50:34.4-0.7, 30.62Sx71.53W, h2km, 2km, ML4.0
NEIC 16 06:50:35.8-1.5, 30.57S, 0.04x71.44W, 0.07, h2km, 16km, ML4.1 (GUC), Error ellipse: s-maj=9.3km s-min=5.6km

ISC 16 06:50:35.3-1.0, 30.59S, 0.03x71.53W, 0.06, h32km, 7km, n31, c150743, 1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CO06, CO05, CO04, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MT05 Renca, MT05 Renca, etc.

NNC 16 06:52:28.7, 0.4, 43.10N, 77.17E, h0km, mb2.7, mpv2.9, Error ellipse: s-maj=3.1km s-min=1.9km az=11.0
SOME 16 06:52:29.7, 0.4, 43.13N, 77.17E, h10km
KRNET 16 06:52:29.4, 0.4, 43.14N, 77.14E, h19km, mb2.6
ISC 16 06:52:29.7, 0.8, 43.14N, 0.02x77.14E, 0.01, h16km, 4km, n61, c0871/17, 35C-1Z, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDOK Medeo, MDOK Medeo, etc.

TRN 16 07:09:20.3, 13.75N, 58.39W, h104km, MD4.2
ISC 16 07:09:18.0, 2.5, 13.81N, 0.05, 56.3W, 0.1, h10km, n34,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHKK Chushkaly, CHKK Chushkaly, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DGS Degeres, DGS Degeres, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BBSP Saint Philip, BBSP Gun Hill, etc.

NNC 16 07:18:23.8.0.4.50.01N:78.75E,h0km,mb1.1,mpv2.7, Error ellipse: s-maj=9.1km s-min=2.2km az=77.0, Suspected Mining explosion.

IDC 16 07:18:25.1.1.0.50.05N:78.75E,h0km,mb1.2,8/2, mb1mx2.8/49,mbimp2.8/2,ML2.5/2, Error ellipse: s-maj=13.7km s-min=6.5km az=66.0

ISC 16 07:18:25.2.0.9.50.02N:0.005:78.80E,0.06,h0km,m19, c#87/30,20C-6D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Kurchatov Arra, Makanchi, and others.

IDC 16 07:18:39.1.0.8, 20.938S:66.66W,h217km,7km,mb4.3/20, mb1.4/24,mb1mx4.3/30,mbtmp4.9/24, Error ellipse: s-maj=11.1km s-min=7.6km az=94.0

SJA 16 07:18:39.1.0.7, 19.96S:66.82W,h255km,5km,ML4.7, MW4.4

NEIC 16 07:18:40.4.1.8, 19.96S:66.74W,h243km,mb4.9 s-min=8.7km az=86.0

VAO 16 07:18:40.8.0.2, 19.96S:66.74W,h243km,mb4.9

NEIC 16 07:18:44.19.96S:66.86W,h240km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrr:-1.60; Mth:0.56; Mtt:0.16; Mts:1.25; Mts:2.56; Fault plane solution: M3:1900x10^16 Np1:3x245.0000; 3.2x0.0000; -3.9.0000; NP2:11.0000; 8.74.0000; 1.1-11.0000; Principal axes: T 3.1281; P 26.0000; Azm118.0000; N 0.1110; P 110.0000; Azm17.0000; P -3.2392; P 16.56.0000; Azm255.0000;

SCB 16 07:18:44.4.1.9, 20.115S:66.95W,h217km,20km,ML4.9/6 Error ellipse: s-maj=8.1km s-min=5.2km az=1.0

ISC 16 07:18:40.4.0.5, 20.03S:66.84W,0.04,h233km,5km, n530, s1943/579, mb5.0/72, 117C-130D, Fault plane solution: NP1:25.28287, 843.56164, -2.82174. NP2:349.32837, 888.05586, -133.52693. Principal axes: T P1g29.2958, Azm113.2508; N P1g43.4956, Azm351.1740; P P1g32.4377, Azm224.0879; Southern Bolivia

Main station data table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like Mochara, IPOC Station P, etc.

Main station data table with columns: PSCG, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Pisagua, IPOC Station P, etc.

Main station data table with columns: PCMB, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Pacaembu, Sierra Bellavita, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like E04D Cinebar, ESDC Sonseca Array, D04E Lakeba, etc.

Fault plane solution: M7.82000x10^14 NP1:phi=16.00000, delta=0.00000, lambda=104.00000. NP2:phi=164.00000, delta=0.00000, lambda=161.00000. JMA 16 07:34:03.9, 0.1, 38.31N:141.91E, h46km, 1km, M3.8 JMA Fell II J1. IDC 16 07:34:04.0, 0.8, 38.29N:141.95E, h56km, 6km, mb3.8/13, mb1.3/9.17, mb1mx3.6/78, mbtmp4.0/17, MS2.8/1, Ms1 2.8/1, ms1mx2.4/57, Error ellipse: s-maj=20.6km s-min=17.0km az=85.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like YTON El Valle, Cocl, YTON Remedios, Chir, REME3 La Chorrera, etc.

IDC 16 07:46:57.1, 2.0, 5.88N:126.32E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.5/50, mbtmp3.6/5, Error ellipse: s-maj=107.0km s-min=27.2km az=67.0. MAN 16 07:47:07.4, 0.4, 5.86N:126.09E, h21km, mb4.7, ML3.5, MS3.4 ISC 16 07:47:03.0, 1.3, 5.8N:102.126E, h0.3, h35km, n9, phi=131.12, mb3.5/5, 2-C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like DAV Davao City (W), DMPH Davao City-Mil, KCP Kidapawan, etc.

SKHL 16 07:59:20.9, 0.5, 44.60N:148.40E, h77km, 5km, mb5.0/8 JMA 16 07:59:20.3, 0.4, 44.09N:148.26E, h0km, M4.5 MOS 16 07:59:20.7, 0.9, 44.67N:148.30E, h73km, mb4.0/1, Error ellipse: s-maj=15.2km s-min=11.8km az=143.3 NIED 16 07:59:20.4, 44.09N:148.26E, h0km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^18Nm, Mw=0.45; Mm0=0.92; Mm1=0.47; Mm2=0.43; Mm3=0.13; Mm4=0.60; Fault plane solution: M=1.00000x10^15 NP1: phi=239.00000, delta=0.00000, lambda=132.00000. NP2: phi=130.00000, delta=0.00000, lambda=25.00000. IDC 16 07:59:23.1, 3.3, 44.68N:148.15E, h78km, 36km, mb3.4/9, mb1.3/7.11, mb1mx3.5/11, mbtmp3.7/11, MS2.7/1, Ms1 2.7/1, ms1mx2.3/20 Error ellipse: s-maj=31.1km s-min=19.7km az=112.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KUR Kuril'sk, KUR Kori, KUR KUR, etc.

IDC 16 07:32:58.0, 0.6, 12.65N:126.18E, h0km, mb4.3/16, mb1.4/5.17, mb1mx4.1/73, mbtmp4.4/17, ML4.5/1, MS3.5/7, Ms1 3.5/7, ms1mx3.0/61 Error ellipse: s-maj=27.7km s-min=11.9km az=79.0

IDC 16 07:35:46.5, 0.7, 7.28S:122.79E, h532km, 13km, mb3.4/11, mb1.3/3.15, mb1mx3.1/59, mbtmp4.2/15, Error ellipse: s-maj=25.4km s-min=16.8km az=73.0

IDC 16 07:35:47.2, 0.8, 7.45S:102.1230E, h0.2, h550km, n16, phi=103.17, mb3.7/11, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BATI Baumata, BATI 113nm, SIJU Sorong, FITZ Fitzroy Crossi, etc.

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

UPA 16 07:43:06.9, 2.2, 7.45N:80.63W, h0km, 8km, ML4.0, MW3.5 ISC 16 07:43:07.2, 1.1, 7.45N:0.05S:80.62W, h2km, 12km, n28, phi=76/47, 7C-11D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TOSI3 Tonosi, TOSI4 Tonosi, CACAO El Cacao, Vera, etc.

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

NIED 16 07:34:03.9, 38.31N:141.91E, h46km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^18Nm; Mw=0.25; Mm0=0.85; Mm1=6.10; Mm2=0.02; Mm3=0.10; Mm4=0.95;

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHURUI, KAMAKAWA 2, ASAHIKAWA, etc.

IDC 16 08:00:48.2-6.0, 48.00N, 33.43E, h10km, mb1 2.4/1, mb1mx2.4/40, s-min=4.1, ML2.9/1, Error ellipse: s-maj=60.7km s-min=48.2km az=4.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MALIN ARRAY BE, DUBNA INFRASON, etc.

BJI 16 08:33:40.3-0.0, 40.34N, 141.54E, h119km, mb4.8/11, mb4.6/19

MOS 16 08:33:40.6-1.2, 40.45N, 141.50E, h111km, mb4.2/14, Error ellipse: s-maj=9.6km s-min=5.8km az=70.5

IDC 16 08:33:41.9-0.7, 40.32N, 141.45E, h113km, gm, mb3.9/18, s-maj=12.6km s-min=11.1km az=123.0

NEIC 16 08:33:42.9-1.6, 40.39N, 141.56E, 0.0/0.7, h105km, gm, mb4.4/83, Error ellipse: s-maj=7.8km s-min=7.0km az=217.0

NIED 16 08:33:42.1, 40.41N, 141.59E, h111km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm;

Mn=0.57; Mw=0.12; Mww=0.45; Mw=0.47; Mw=0.39; Mw=1.77; Fault plane solution: M=1.95000x10^15 NP1;

Principal axes: P1=164.00000; S1=1.00000; N2=1.8300000; NP2: P=305.00000; S=129.00000; N=129.00000

JMA 16 08:33:42.0-0.1, 40.41N, 141.59E, h111km, km, M4.1 Broadband fault plane solution: P waves. NP1:

P=323.00000; S=19.00000; N=98.00000; NP2: P=152.00000; S=71.00000; N=87.00000

Principal axes: T P1=26.00000; Azm=240.00000; N P1=33.00000; Azm=331.00000; P P1=64.00000; Azm=67.00000

JMA Felt II J1, ISC 16 08:33:41.8-0.6, 40.40N, 141.63E, 0.0/0.5, h110km, 5km, n184, s150/200, mb4.3/68, 1C-12D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matushiro Arr, GRPR Tuman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, HYT Haines Junctio, etc.

162 9h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WUAZ, Y14A, MVCO, X16A, TXAR, LPAZ, LPZAZ, SIV.

IDC 16 08:43:51.0-5.6,27.44N,85.83E,h0km,mb3.5/4, mb1 3.7/5, mb1mx3.4/36, mb1mp3.6/5, ML4.0/1, Error ellipse: s-maj=288.4km s-min=22.0km az=67.0 Nepal

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MKAR, KURBS, ZALV, WRA, ASAR, GYA0B, KK31, AB31, OTUK, AKTO.

NNC 16 08:44:27.5-0.8,40.50N,63.30E,h0km,mb3.7,mpv3.2, 10C-7D, Error ellipse: s-maj=12.5km s-min=5.4km az=142.0, Northwest Uzbekistan

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AML, ARLS, UCH, OHH, EKS2, MNAS, MRKS, FRU1, KBK, TRKS, CHMS.

2015 OCT

Main table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CHMS, USP, TMKM, KST, DGS, IUG, KK31, MTBS, IZV, KDJ, TNSS, BRLS, MDOK, KUU, KOTS, KTBS, TARG, ANVS, GAR, CHKK, CHHK, BTLS, SATY, ARXS, ARXS.

664

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CHGR, UZB, SHLS, PDGK, DJR, KAPS, PLAI, WSI, TWSI, DNP, SRBI, MMRI, JAGI, ABJI, BATI, GMJI, BSSI, BLJI, KMMI, SOEI, BKSI, KAPI, KAPI, PWJI, BNSI, PCJI, NGJI, UGM, KBKI, BBKI, FITZ, FITZ, PSA00, KNRA, GIRL, MTN, FAKI, MNAI, MORW, WB0, WRA, WRA, WRA, RPSI, PSPI, BBOO, STKA, CMAR, NJ2, NJ2.

16d 15h

Table with columns: PWJ, Pgerwojo, 0.15 49 P, Pn, 14 52 30.7 +1.0, etc.

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

JMA 16 15:02:45.2, 0.3, 35.69N, 128.84E, h7km, 4km, ML2.5

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

SOF 16 15:14:51.2, 40'00N, 25'22E, h2km, MD3.8

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

2015 OCT

Main table with columns: KAVA, comp=E, 22942um, 0.3s, AML, AML, 15 15 28.5, etc.

668

Table with columns: BALLY, Balya, 2.01 101 i P, Pn, 15 15 30.2 +0.5, etc.

IDC 16 15:33:18.7, 1.8, 5.94S, 130.73E, h0km, mb4.2/2, mb1 4.0/4, mb1mx3.6/27, mbtm3.9/4, ML3.5/2, Error ellipse: s-maj=129.0km s-min=24.4km az=68.0, Banda Sea

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

SEA 16 15:39:45.2, 1.7, 47.85N, 0.02, 122'62W, 0.03, h28km, 6km, ML2.3/64, ML 1.9/12(NEIC), Error ellipse: s-maj=3.5km

NEIC 16 15:39:44.9, 2.1, 47.86N, 0.02, 122'63W, 0.03, h29km, 5km, Error ellipse: s-maj=3.6km s-min=3.2km az=166.0, Washington

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like D05A, MCV, GHW, A04D, etc.

IDC 16 15:54:09.8:11.0, 24.04S:-179.97W, h590km, i32km, mb2.8/2, mb1 3.2/3, mb1mx2.8/2.1, mbtmp4.1/3, Error ellipse: s-maj=102.3km s-min=44.6km az=24.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ, ASAR, WRA, AKASG.

NNC 16 16:01:17.3:6.4, 37.19N:70.90E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=51.5km s-min=35.3km az=166.0, ISC 16 16:01:23.2:2.4, 37.2N:0.2:71.3E:0.1, h200km, n12, o599/15, 5C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AML, UCH, EKS2, KK31, AAK, AAK, AAK, TKM2, TKM2, TKM2, AB31, AB31, AKTO, FINES, TORD.

IDC 16 16:11:49.7:2.4, 5.15N:93.90E, h0km, mb3.7/4, mb1 3.8/6, mb1mx3.5/5.6, mbtmp3.7/6, ML3.9/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/3.8, Error ellipse: s-maj=85.5km s-min=20.9km az=58.0, NEIC 16 16:11:55.2:1.9, 5.2N:0.2:94.3E:0.1, h35km, 2km, mb4.1/7, Error ellipse: s-maj=34.4km s-min=15.7km az=202.0, ISC 16 16:11:56.8:1.7, 5.3N:0.2:94.2E:0.2, h50km, n19, o1849/14, mb4.1/9, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LHMI, PSI, PALK, CMAR, H08S9, H08S2, H08S1, MTN, MK31, WRA, WRA, WRAB, WB2, WR0, ASAR, ASAR, AS31, ZALV.

IPEC 16 16:20:16.1:0.3, 51.53N:16.10E, h0km, ML2.6/3, Error ellipse: s-maj=3.2km s-min=1.7km az=64.0, IDC 16 16:20:18.0:0.7, 51.46N:15.99E, h0km, mb1 3.5/8, mb1mx3.3/4.5, mbtmp3.4/8, ML2.8/8, Error ellipse: s-maj=12.8km s-min=7.3km az=108.0, BGR 16 16:20:18.8:0.9, 51.39N:16.11E, h1km, ML2.9/11, Error ellipse: s-maj=13.3km s-min=3.3km az=15.0, VIE 16 16:20:18.4:0.9, 51.38N:16.28E, h0km, mb2.5/4, m3.0/3, Error ellipse: s-maj=9.1km s-min=4.7km az=51.0 60 km WWV of Wrocław Suspected Mining induced, PRU 16 16:20:18.0:0.5, 51.49N:16.11E, h0km, ISC 16 16:20:15.8:0.8, 51.55N:0.03:16.13E:0.02, h0km, n48, o590/88, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSP, KSP, UPC, DPC, DPC, PDC, PVCC, KRLL, KRLL, BRG, BRG, BRG, FBE, PRU, PRU, CLL, CLL, CLL, MORC, MORC, MORC, MORC, VRAC, VRAC, VRAC, VRAC, VRAC, VRAC, TRE, TRE, KRUC, KRUC, TANN, TANN, WERD, NKC, NKC, NKC, OJC, OJC, JAVO, KHC, KHC, KHC, CKRC, CKRC, CKRC, MANZ, ROTZ, GE, GERES, GERES, GERES, SMOL, SMOL, MODS, MODS, MODS, ZST, ZST, VYHS, VYHS, VYHS, CONA, CONA, MOA, MOA, ARSA, BLEU, BJUJ, BJUJ, DEL, DEL, DAVOX, DAVOX, AKASG, AKASG, HFS, NOA, FINES, ARCES.

IDC 16 16:20:15.8:0.8, 51.55N:0.03:16.13E:0.02, h0km, n48, o590/88, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MORC, MORC, MORC, MORC, VRAC, VRAC, VRAC, VRAC, VRAC, VRAC, TRE, TRE, KRUC, KRUC, TANN, TANN, WERD, NKC, NKC, NKC, OJC, OJC, JAVO, KHC, KHC, KHC, CKRC, CKRC, CKRC, MANZ, ROTZ, GE, GERES, GERES, GERES, SMOL, SMOL, MODS, MODS, MODS, ZST, ZST, VYHS, VYHS, VYHS, CONA, CONA, MOA, MOA, ARSA, BLEU, BJUJ, BJUJ, DEL, DEL, DAVOX, DAVOX, AKASG, AKASG, HFS, NOA, FINES, ARCES.

IDC 16 16:20:15.8:0.8, 51.55N:0.03:16.13E:0.02, h0km, n48, o590/88, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MORC, MORC, MORC, MORC, VRAC, VRAC, VRAC, VRAC, VRAC, VRAC, TRE, TRE, KRUC, KRUC, TANN, TANN, WERD, NKC, NKC, NKC, OJC, OJC, JAVO, KHC, KHC, KHC, CKRC, CKRC, CKRC, MANZ, ROTZ, GE, GERES, GERES, GERES, SMOL, SMOL, MODS, MODS, MODS, ZST, ZST, VYHS, VYHS, VYHS, CONA, CONA, MOA, MOA, ARSA, BLEU, BJUJ, BJUJ, DEL, DEL, DAVOX, DAVOX, AKASG, AKASG, HFS, NOA, FINES, ARCES.

IDC 16 16:20:15.8:0.8, 51.55N:0.03:16.13E:0.02, h0km, n48, o590/88, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MORC, MORC, MORC, MORC, VRAC, VRAC, VRAC, VRAC, VRAC, VRAC, TRE, TRE, KRUC, KRUC, TANN, TANN, WERD, NKC, NKC, NKC, OJC, OJC, JAVO, KHC, KHC, KHC, CKRC, CKRC, CKRC, MANZ, ROTZ, GE, GERES, GERES, GERES, SMOL, SMOL, MODS, MODS, MODS, ZST, ZST, VYHS, VYHS, VYHS, CONA, CONA, MOA, MOA, ARSA, BLEU, BJUJ, BJUJ, DEL, DEL, DAVOX, DAVOX, AKASG, AKASG, HFS, NOA, FINES, ARCES.

IDC 16 16:20:15.8:0.8, 51.55N:0.03:16.13E:0.02, h0km, n48, o590/88, Poland

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

3.3nm, 0.3s, baz=186, slow=20, SNR=11, ASAR Alice Springs 43.02 270 P 16 53 58.6 +0.2, ASAR 0.7nm, 0.6s, baz=105, slow=6.9, SNR=23 P 16 55 48.9 0.0, WRA Warramunga Arr 44.23 275 P 16 54 08.1 -0.1, GUMO GUMO 58.23 316 LR 17 19 27.7, FINES FINES Array B 147.44 329 PKPbc PKPbc 17 05 40.9 -1.1

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CO06, CO06, CO06, CO05, CO04, CO03, CO03, CO03, VA06, AC04, VA03, VA03, VA03, VA01, VA01, ROCH, ROCH, PEL, PEL, PEL, MT02, MT05, MT05, MT05, VA05, VA05, MT09, MT09, MT01, MT01, LMEL, LMEL, BO01, BO02, G005, H03N1, H03N2, H03N3, VA04, H03S3, H03S1, H03S2, PB06, LVC, LVC, LC01, PLCA, CPUP, CPUP, LPAZ, LPAZ, SIV, BDFB, BDFB, VNA3, VNA2, SNA4, QSPA, QSPA, TXAR, DBIC, SUR, TORD, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, ZALV.

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

IDC 16 16:58:23.9:1.1, 30.58S:71.72W, h0km, mb4.1/6, mb1 4.1/10, mb1mx3.9/3.3, mbtmp4.0/10, ML3.8/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/2.2, Error ellipse: s-maj=33.1km s-min=24.4km az=101.0, NEIC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 0.05, h35km, 2km, mb4.3/3, Mw4.1/31, ML4.4(GUC), Error ellipse: s-maj=8.6km s-min=3.0km az=245.0, NEIC 16 16:58:27.9:3.0, 30.53S:71.75W, h47km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr1.41; Mth0.34; Mtr-1.74; Mtt0.76; Mss0.02; Msr-0.41; Fault plane solution: Mo1.82000x1015 NP1:154.840000, 558.180000, 1.59.030000. NP2:2.345000, 843.240000, 1.29.670000. Principal axes: T 1.8363, Plg63.0000, Azm13.0000, N -0.0316, Plg26.0000, Azm172.0000; P -1.8047, Plg3.0000, Azm226.0000, GUC 16 16:58:27.9:2.6, 30.53S:71.02W, h37km, 1km, ML4.4, ISC 16 16:58:27.7:0.9, 30.48S:0.04:71.75W:0.05, h28km, 6km, n62, i1928/58, mb4.2/7, 1C, Near coast of central Chile

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

16d 17h

IDC 16 17:01:53.1z2.5,24.87N,122.97E,h115km,24km,mb4.0/21,mb1.4/123,mb1mx4.0/44,mbtmp4.3/23,MS3.0/3,Ms1.3.0/3,ms1mx2.6/41,Error ellipse: s-maj=15.4km s-min=11.0km az=79.0
NEIC 16 17:01:54.0z2.0,24.83N,122.98E,0.06,h122km,4km,mb4.8/80,ML5.3(TAP),Error ellipse: s-maj=9.3km s-min=7.2km az=172.0
JMA 16 17:01:54.3z0.2,24.68N,122.91E,h121km,2km,M4.0
TAP 16 17:01:54.0z2.4,24.72N,122.94E,h122km,ML5.1,8
ISC 16 17:01:53.4z0.5,24.71N,122.95E,0.02,h122km,4km,ms12.1,ms135/459,mb4.6/57,80C-1D,Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Lists various stations like YOJ, YONAGUNI JIMA, etc.

2015 OCT

Table with columns: YHNB, Yeheng, 1.44 269 eP, Pn, 17 02 21.2 +0.9. Lists various stations like YHNB, Yeheng, DANSHUI, etc.

670

Table with columns: SSSLB, Suanglung, 2.04 244 fIP, Pn, 17 02 28.4 +0.9. Lists various stations like SSSLB, Suanglung, SSSLB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like WSF, SLGT, ICHU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like CMAR, ERM, GTA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like GLB, EGAK, BCAR, etc.

16d 17h
IDC 16 17:10:38.4:3.2,32:87Sx178:20W,h0km,mb3.8/3,
mb1.4/0.4,mb1mx3.7/33,mbtmp3.8/4,ML3.3/1,MS3.3/2,
Ms1.3/4.2,ms1mx2.8/34,Error ellipse: s-maj=71.6km
s-min=37.3km az=118.0
NEIC 16 17:10:40.7:1.2,33:03.0:1x178:3W:0.2:h10km,2km,
mb4.5/9,Error ellipse: s-maj=33.2km s-min=5.2km
az=123.0
ISC 16 17:10:39.3:1.5,32:9S:0:1x178:2W:0.2,h10km,n23,
a153/22,mb4.5/7,South of Kermadec Islands

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

ATH 16 17:22:09.7,37:41N:20:64E,h14km,1km,ML3.2/6,Error
ellipse: s-maj=2.1km s-min=1.0km az=41.0
THE 16 17:22:10.3,37:44N:20:61E,h4km,1km,ML3.2/7,Error
ellipse: s-maj=2.1km s-min=0.8km az=54.0
IDC 16 17:22:23.0:8.5,37:71N:20:52E,h134km,89km,mb3.2/3,
mb1.3/1.5,mb1mx2.9/31,mbtmp3.5/5,Error ellipse:
s-maj=64.9km s-min=25.4km az=127.0
ISC 16 17:22:09.8:1.4,37:45N:0:04:20:67E:0:04,h7km,9km,
n61,0:09:85,mb3.5/3,Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LTHK, LTHK, ZAK2, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DRO Drossia, FSK Fiskardo, PYL PYLOS, etc.

IDC 16 17:45:38.4, 7.0, 13.18N, 120.72E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.4/44, mbtmp3.4/4, Error ellipse: s-maj=222.4km s-min=29.3km az=41.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PGP Puerto Galera, TGY Tagaytay City, LUBP Lubang, etc.

IDC 16 17:53:17.9, 6.7, 49.66S, 123.77E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.6/37, mbtmp3.5/3, Error ellipse: s-maj=352.0km s-min=28.3km az=93.0, Western

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

SOF 16 17:54:33.9, 42.01N, 23.24E, h5km, MD2.8 SKO 16 17:54:33.3, 41.99N, 23.14E, h22km

BE0 16 17:54:34.9, 0.6, 42.01N, 23.13E, h6km, 2km, ML2.1/1.0 ATH 16 17:54:34.8, 41.96N, 23.16E, h13km, 2km, ML2.6/6, Error ellipse: s-maj=2.5km s-min=1.7km az=163.0

THE 16 17:54:36.0, 41.89N, 23.19E, h3km, 1km, ML2.4/3, Error ellipse: s-maj=1.7km s-min=1.2km az=157.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KKB Krupnik, VTS Vitosh, VTS Vitosh, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KNT Kendrikon, NVR Nevrokopi, PGB Panagyurishte, etc.

IDC 16 18:04:46.9, 0.6, 2.29N, 126.86E, h0km, mb4.0/1.2, mb1 4.2/1.3, mb1mx4.0/44, mbtmp4.1/13, ML3.8/1, MS3.5/2, Error ellipse: s-maj=36.6km s-min=12.5km az=73.0

DJA 16 18:04:51.4, 0.7, 2.2N, 127.7E, h11km, 7km, M4.2/1.0, NEIC 16 18:04:53.4, 2.3, 2.38N, 108.127, 0.1E, 0.6, h46km, 7km, Error ellipse: s-maj=13.5km s-min=5.5km az=212.0

IDC 16 18:04:51.8, 0.4, 2.43N, 105.127, 12E, 0.07, h35km, n77, e134, 80m, mb4.6/29, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, SGTI Sangihe, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PSA00 Alice Springs, ASAR Alice Springs, JMN Monobe, etc.

IDC 16 18:05:43.2, 0.6, 68.16N, 136.35W, h0km, mb3.9/1.5, mb1 4.2/1.9, mb1mx4.0/44, mbtmp3.9/19, ML4.0/4, MS3.2/1.3, Error ellipse: s-maj=12.2km s-min=8.9km az=8.0

NEIC 16 18:05:43.7, 2.1, 68.14N, 136.28W, 0.08, h9km, 4km, Error ellipse: s-maj=6.1km s-min=1.1km az=45.0

PGC 16 18:05:44.4, 0.5, 68.07N, 136.31W, h1km, ML4.1/4, Mw4.1, 105km Wnw of Fort McPherson, Northern Yukon Territory, Canada

ANF 16 18:05:44.3, 0.3, 68.15N, 136.38W, h20km, ML4.4/1.2, Error ellipse: s-maj=4.1km s-min=2.8km az=174.0

NEIC 16 18:05:44.3, 0.1, 136.31W, h6km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mrr-1.24, Mtt-0.67, Mss-1.85, Mss-0.65, Mss-0.54, Mrr-0.18, Fault plane solution: M1:80000, P15: NP13:41, 000000, 559, 00000, lambda-50, 000000, NP2:26, 000000, 849, 00000, lambda-137, 000000, Principal axes: T 1.8913, P16, 00000, Azm104, 00000, N -0.3087, P13, 00000, Azm198, 00000; P -1.5826, P16, 00000, Azm5, 00000;

IDC 16 18:05:43.7, 0.4, 68.04N, 136.18W, 0.04, h10km, n227, e1958/249, mb4.2/37, MS3.3/8, Northern Yukon Territory

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPT2, SALV, PCHO, SCHO, TBI, CPUP, PLCA, BDFB, ILAR, H2AK, H2IK, RIB01, NBVP, DZM, VYHS, WRRAMA, ASAR, CMAR, CMAR.

IDC 16 18:48:10.4e.1.1, 8.23N, 102.91W, h0km, mb3.9/7, mb1 4.3/7, mb1mx4.0/21, mbtmap.0/7, MS4.4/13, MS1 4.4/13, ms1mx4.2/24, Error ellipse: s-maj=50.7km s-min=21.4km az=63.0

NEIC 16 18:48:17.4e.1.9, 8.7N, 101.1W, 0.0, 9, h10km, 1km, mb4.5/10, Error ellipse: s-maj=22.0km s-min=8.8km az=217.0

GCMT 16 18:48:18.4e.0.3, 8.45N, 0.01e, 103.41W, 0.01, h12km, 1km, MW5.0/106, Moment Tensor Solution. s32, c33, s106, c152, Duration: 0 Moment tensor: Scale 1016Nm; Mw=1.34, Ms=1.16, Mb=0.81, Ml=1.2, Mw=1.44, Ms=1.44, Mb=0.93, Ml=0.83, 34; Best double couple: Mw=5.70000e+16 NP1=0.355, 00000, 866.00000, 1.7, 00000, NP2=0.262, 00000, 883.00000, 1.55, 00000, Principal axes: T 5.1170, Plg22.0000, Azm216.0000; N -1.0960, Plg65.0000, Azm68.0000; P -4.0220, Plg12.0000, Azm311.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 16 18:48:14.2e.1.0, 8.5N, 0.1e, 103.4W, 0.1, h10km, n132, e1927/110, mb4.5/48, MS4.1/15, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLIA, CMIG, HO6E, CCIG, ZAIG, SLBS, CRIN, TGUH, LPIG, ACON, JTS, HPIG, RIMA, CVTR, PEZE, DRKO, CDITO, SRIG, TXAR, TX31, TX32, JCT, HKT, 435B, MNTX, 319A, WHTX, 441A, 121A, ABTX, TUC, 214A, 342A, MXTX, CBCY, BNM, 344A, LEMN, 113A, OTAV, CPBX, AMTX, X18A, GLA, Y14A, M16A, W18A, M1AR, PFO, SJCC, WUAZ, WUAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W39A, 250A, FLOC, T25A, MWC, MVCO, U15A, ROSC, U40A, GSC, LCAR, KNB, LCMT, PV01, PV05, PV13, PV02, QSM, PV03, PV18, PV15, PV11, PV12, PV16, PV19, RUSC, PV04, PV07, PV22, P17A, MPU, SDV, DUG, DUG, NVAR, BGU, V55A, HVU, BW06, PD31, PD31, PDAR, LDMT, MOOV, FLWY, HMD, MCMT, DLMT, BOZ, BOZ, LRM, PINE, H0A, DGMT, TAOE, ULM, LPAZ, LPAZ, LPAZ, RVT, H03N2, H03N1, H03N3, SIV, PPT, PPT2, TBI, CPUP, PLCA, BDFB, ILAR, ILAR, DZM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, CMAR, CMAR, IDC, ISC, LVC, LVC, LPAZ, H03N1, H03N2, H03N3, SIV, DBC, TOR, ASAR, WRA, ZALV, KRSC, KZV, TUMR, TUMR, KMNr, KMNr, KIRP, BZWR, MKZ, GNL, GNL, UGLV, NLC, KLY, SPN, SPN, DALK, PALK, PET, PET, PEAK, BDR, BDR, KRMR, SRKR, SMKR, APC, APC, GRL, KBG, KBG, KBR, KBR, KTR, MTVR, ASAK, ASAK, KDR, KDR, BKI, SKR, SEY, ASAJ, ERM, YAK, YAK, TIXI, TIXI, ILAR, BCAR, M27K, PLID, PLID, NVAR, BW06, PD31, PDAR, TXAR, WRA, ASAR.

IDC 16:20:43:08.9.0.9.68:15N:136:34W,h0km,mb3.8/6,mb1.4/0.9,mb1mx3.6/60,mbtrmp3.7/9,ML3.5/3,MS2.8/1,Ms1.2.8/1,ms1mx2.3/42,Error ellipse: s-maj=16.3km s-min=9.3km az=169.0

ISC 16:20:43:09.7.0.8.68:0N:101:136:19W:0.09,h10km,n10,e140/11,mb3.9/9,Northern Yukon Territory

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like INK Inuvik, ILAR Eielson Array, DLBC Dease Lake, YKA Yellowknife Ar, YKA 1.0nm,0.3s, etc.

IDC 16:20:20:33.0.0.9.67:80N:20:77E,h0km,mb1.3.4/5,mb1mx3.1/45,mbtrmp3.4/5,ML2.1/4,Error ellipse: s-maj=15.4km s-min=6.5km az=118.0

HEL 16:20:20:33.0.0.67:84N:20:15E,h1km,ML2.2,Confirmed Induced event

HEL 16:20:20:33.0.0.67:84N:20:21E,h1km,ML2.2,ML2.2(UPP),Confirmed Induced event

NAO 16:20:20:33.4.1.2.67:86N:20:57E,ML2.4

BER 16:20:20:35.4.2.7.67:88N:20:29E,h0km,ML1.8,ML2.4(NAO),Suspected explosion

ISC 16:20:20:32.5.0.7.67:82N:02:20:29E,0.02,h0km,n38,e095/54,Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like RATU Laukkulusta, TOF Tornio, ARAO ARCESS Array S, etc.

ellipse: s-maj=59.0km s-min=15.6km az=114.0

ANF 16:20:26:07.3.0.4.36:76N:90:82W,h10km,3km,ML4.4/20,Error ellipse: s-maj=2.5km s-min=2.2km az=62.0

NEIC 16:20:26:07.2.1.6.36:75N:02:90:84W,0.02,h14km,5km,Error ellipse: s-maj=2.8km s-min=2.4km az=162.0

SLM 16:20:26:07.7.1.9.36:76N:02:90:86W,0.02,h16km,5km,ML3.4,mb3.7/3(NEIC),ML_Lg3.7/168(NEIC),Mw3.5/20(NEIC),Error ellipse: s-maj=3.2km s-min=2.8km az=183.0

NEIC 16:20:26:07.36:77N:90:85W,h20km,Moment Tensor Solution. Moment Tensor: Scale 10^14Nm, Mro:4.1; Mss:1.40; Mss:-1.81; Mss:0.62; Mss:0.94; Mro:0.1; Fault plane solution: M2.2,00000:10^14 NP1:s=121,890000; s80,380000; J20,740000; NP2:s=28,270000; s69,570000; J169,730000; Principal axes: T:1,87000,Plg1,00000; Azm347,00000; N:0.2342,Plg67,00000; Azm146,00000; P:-2.1042,Plg7,00000; Azm254,00000;

ISC 16:20:26:06.8.0.9.36:75N:02:90:85W,0.02,h18km,2.3km,n248,e129/260,New Madrid region, Missouri

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Rows include stations like T42A Van Buren, PBMO Poplar Bluff, BETH Bethany, etc.

Table with columns: USIN, comp=Z,214nm,0.9s, IAmB_Lg, 20 27 41.7, etc. Rows include stations like W39A Magazine, W39A comp=Z,198nm,0.7s, W39A Magazine, etc.

IDC 16:20:26:06.1.4.0.36:86N:90:90W,h0km,mb3.6/1,mb1.3/9,mb1mx3.5/48,mbtrmp3.5/4,ML3.7/3,Error

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BETM, LCAR, MLDM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Z47A, SWET, X37A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JRY, JFK, JMK, etc.

17d Oh

Table with columns for station call letters, location, frequency, and other details. Includes stations like ANBD Bethesda, SEUS St. Eustatius, ANWB Willy Bob, etc.

2015 OCT

Table with columns for station call letters, location, frequency, and other details. Includes stations like PB01 IPOC Station P, R53A Cocks Mills, N58A Sunbury, etc.

682

Table with columns for station call letters, location, frequency, and other details. Includes stations like GLMI Graying, K43A Burlington, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like CLL Collm, DPC Dobruska-Polom, DOPR Dopca, etc.

17D 17 01:51:45.5,0.7,54.01N:163.42W, h0km, mb4.4/27, mb1 4.5/29, mb1mx4.4/40, mbtmp4.3/29, ML3.7/2, MS3.6/27, Ms1 3.6/27, ms1mx3.5/38, Error ellipse: s-maj=20.3km s-min=11.4km az=174.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like BRPK Brown Peak, ISLZ Isanotski Laza, ISLZ Isal, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like OHAK Old Harbor, P18K Big Mountain, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like FARO Faro, Yukon, EPYK Eagle Plains, MIMPY Sheldon Lake, DLBC Dease Lake, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DBG, ICESG, MIAR, PPT, SCHO, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, AML, KAK, KSH, etc.

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

17d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Camp Elliot, Fort Macarthur, Granite Mount, Monument Peak, Big Chuckawall, etc.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Ryan, Wupatki, WUAZ, Columbia Cole, Pink Cliffs, etc.

686

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Alice Springs, Warramunga Arr, Bodrum, Mugla, Merkez, etc.

Table with columns: ARHZ, Aropoanui, 1.41 23 P, Pn, 04 54 32.8 -0.3, etc.

Table with columns: JAK, Nakash, 1.42 288, eS, Sn, 05 18 37.2 -1.5, etc.

Table with columns: JUNU, Nakatsue, 15.88 236 Pn, Pn, 05 21 37.5 -1.7, etc.

IDC 17 05:07:04.3:3.8, 10.63N, 126.22E, h0km, mb3.6, mb1 3.7/3, mb1mx3.4/29, mbtmp3.6/3, Error ellipse: s-maj=300.0km s-min=28.0km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA Warramunga Arr, 31.41 165 P, etc.

ASAJ 17 05:07:04.3:3.8, 10.63N, 126.22E, h0km, mb3.6, mb1 3.7/3, mb1mx3.4/29, mbtmp3.6/3, Error ellipse: s-maj=300.0km s-min=28.0km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASAJ Warramunga Arr, 31.41 165 P, etc.

NOU 17 05:10:17.9:29.00S:116.93E, h0km, MLV3.6/4, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MORW Morawa, 0.56 299 P, etc.

AUST 17 05:10:23.3:0.9, 29.34S, 116.60E, h0km, Error ellipse: s-maj=5.5km s-min=3.1km az=65.0, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MORW Morawa, 0.56 299 P, etc.

MOS 17 05:17:57.3:0.9, 43.19N, 146.54E, h48km, mb4.9/21, Error ellipse: s-maj=7.6km s-min=5.2km az=97.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MAJO Matsushiro, 9.22 227 P, etc.

MOS 17 05:17:57.3:0.9, 43.19N, 146.54E, h48km, mb4.9/21, Error ellipse: s-maj=7.6km s-min=5.2km az=97.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MAJO Matsushiro, 9.22 227 P, etc.

MOS 17 05:17:57.3:0.9, 43.19N, 146.54E, h48km, mb4.9/21, Error ellipse: s-maj=7.6km s-min=5.2km az=97.4

MOS Felt (I) at Yuzhno-Kuril'sk. IDC 17 05:17:57.0:5.5, 43.35N, 146.41E, h26km, mb4.4/30, mb1 4.5/38, mb1mx4.4/55, mbtmp4.5/38, ML3.6/7, MS3.3/16, Ms1 3.3/16, ms1mx3.1/46, Error ellipse: s-maj=15.9km s-min=11.7km az=140.0

BUI 17 05:17:57.9:0.0, 43.20N, 146.54E, h55km, mb4.9/20, mb4.7/39, Ms4.0/3, Ms1.4/0.1

BGR 17 05:17:57.0:5.5, 43.26N, 146.80E, h33km, mb4.5 SKHL 17 05:17:59.4:0.2, 43.20N, 146.40E, h66km, mb4.9, mb5.5/2

NIED 17 05:17:59.0, 43.20N, 146.43E, h51km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15 Nm; Mo=2.05; Mo=1.50; Mo=3.55; Mo=2.04; Mo=2.59; Mo=1.10; Fault plane solution: N4.65000x10^15 NP1: 0.166, 0.00000, 0.864, 0.00000, 0.34, 0.00000. NP2: 0.60, 0.00000, 0.149, 0.00000.

JMA 17 05:17:59.4:0.2, 43.20N, 146.43E, h51km, mb4.5, JMA Felt II J1.

NEIC 17 05:18:00.5:1.8, 43.13N, 0.08E, 146.5E, 0.1, h59km, mb4.9, mb4.8/40, Error ellipse: s-maj=12.8km s-min=11.1km az=138.0

ISC 17 05:17:58.8:0.6, 43.17N, 0.05E, 146.57E, 0.05, h44km, mb4.4, h44km: p-P, n447, r121471, mb4.7/80, MS3.5/13, 21C-25D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, NEM2 Nemuro, 0.64 289, etc.

MAJO Matsushiro, 9.22 227 P, etc.

MAJO Matsushiro, 9.22 227 P, etc.

MJAR Matsushiro Arr, 9.22 227 P, etc.

SKR Severo-Kuril'sk, 9.95 38 P, etc.

SKR Severo-Kuril'sk, 9.95 38 P, etc.

SKR Severo-Kuril'sk, 9.95 38 P, etc.

GRNR Gornyy, 10.29 321 P, etc.

GRTR Gornolajezhnoy, 10.50 278 P, etc.

USA0B Ussuriysk Arr, 10.62 281 P, etc.

USRK Ussuriysk Ar, 10.62 281 P, etc.

USRK Ussuriysk Ar, 10.62 281 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

OKH Okha, 10.67 348 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

ANM Nome, 34.31 35 P, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Zalesovo Beam, Yukon River, Minto, Yukon-K, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Spitsbergen Ar, Spitsbergen Ar, Resolute Bay, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MNK, MNK, MNK, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like OJC, TASCANT, KSP, TUCSON, DPC, MORAVSKY BEROU, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like ROSA, DRLA, LMN, STVI, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like H10N3, H10N1, H10S3, H10S2, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like DRLN, G65A, BATG, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like BDFB, WHKY, WYOK, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PSUT, MFID, CPUP, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Chichijima, Kuroka, Monobe, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Shillong, Lhasa, Stephens Creek, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Naroch, Lac du Bonnet, NORSAR Array B, etc.

Text block containing coordinates and station information: NNC 17 07:25:25.3... 0.6, 50.00N x 78.56E, h0km=10km, mb3.2, Suspected Mining explosion.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and ISC. Lists various stations and their associated data.

Text block containing coordinates and station information: IDC 17 07:29:28.9... 2.8, 14N x 99.20E, h125km, 11km, mb3.0/3, mb1 3.2/3, mb1mx3.0/43, mbtmp3.4/3, Error ellipse: s-maj=185.0km, s-min=26.8km, az=55.0.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and ISC. Lists various stations and their associated data.

Text block containing coordinates and station information: IDC 17 07:32:35.2... 0.5, 9S x 7.11E, h45km, 17km, M4.5/10, mb6.1/2, MLV3.8/10, ISC 17 07:32:34.9... 1.9, 8.9S x 0.2, 112.39E, h071km, n10, c089/10, Jawa.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and ISC. Lists various stations and their associated data.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ETL, NACB, TWC, TWD, ET LH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NCUH, SBCB, ANP, ANP, EHY, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SSD, TSMG, JKRS, MASBT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like I31KZ, I46RU, I34MN.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like UCR, UPA, UPA.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PTJ1, PTJ1, EDSV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA, ASAR, FITZ, ILAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KRNET, NINC, SOME, etc.

Table with columns: PRZ, SATY, ANVS, TARG, BLB, DJR, KDJ, KOTS, MDOK, TNS, ARXS, IZV, MTBS, BOOM, KST, KUU, TKM2, MK31. Rows contain station names, codes, and various numerical data.

Table with columns: CO03, ROCH, ROC1, VA03, MT02, GO04, MT05, MT09, MT01, AUP, RTLS, LMEL, AROD, ACCO, BO01, BO01, LCO, ASAL, ZON, ARCO, ACDD, RTCV, AAGR, BO02, BO02, BO02, GO05, GO05, AC04, AC04, AGUA, AGUA, COIS, MFL2, RFA, RFA, GO03, GO03, GO03, VCA, VCA, APLL, APLL, ACLL, AC02, AC02, MRA, MRA, H03N1, H03N2, H03S3, H03S1, H03S2, LC01, LC01, AHML, AHML, PLCA. Rows contain station names, codes, and various numerical data.

Table with columns: PLCA, PLCA, PLCA, LVC, LVC, TRQA, ITQB, ITQB, CPUP, CPUP, CPUP, LPAZ, LPAZ, LPAB, PCMB, TI01, VILB, SALV, ITB, PET01, SPB, BB19, RCLB, VAO, SAML, SAML, PARB, IPMB, CLDB, GSCB, VAS01, BDFB, BDFB, TBAT, SNDB, DUB01, DIAM, NPGB, PEXB, JANB, SJMB, SFBF, ITTB, CMAB, NAN01, SMTB, PRPB, GUA01, PMSA, CMAB, MALB, NBIT, BOAV, NBPN, MCBP, TMBR, NBLA, NBAN, NBPB, SDV, NPA, URIC, VNA3, VNA1, VNA2, SNA, SNA, SNA, TXAR, TXAR, DBIC, DBIC, MAW, MAW, KOWA, KOWA, BOS, BOS, NVAR, NVAR, TORD, TORD, TORD, ESDC, WRA, H1S2, H1S1, H1S3, H1N3, H1N1, H1N2, BVAR, KURB, KURB, KURK, AAK, AAK, ZALV, ZALV, KSH, MKAR. Rows contain station names, codes, and various numerical data.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows contain station codes, names, and timing information.

Table with columns: H03N1, H03N2, H03S3, H03S1, H03S2, LC01, LC01, AHML, AHML, PLCA. Rows contain station names, codes, and various numerical data.

Table with columns: H1S2, H1S1, H1S3, H1N3, H1N1, H1N2, BVAR, KURB, KURB, KURK, AAK, AAK, ZALV, ZALV, KSH, MKAR. Rows contain station names, codes, and various numerical data.

Technical notes and coordinates: IDC 17 08:38:54.0, 0.8, 31.735; 71.81W, h0km, mb4.4/6, m1 4.4/10, mb1mx4.1/26, mbtmp4.2/10, ML4.4, MS3.6/9, m1 3.1/6.9, ms1mx3.4/24, Error ellipse: s-maj=25.5km, s-min=25.3km, az=150.0. NEIC 17 08:38:55.6, 1.3, 31.675; 71.81W, 0.1, h16km, 4km, mb4.7/8, Mwr4.2/42, ML4.6(GUC), Error ellipse: s-maj=14.0km, s-min=6.1km, az=93.0. VAO 17 08:38:55.0, 0.2, 31.665; 72.12W, h17km, mb4.5. NEIC 17 08:38:55.1, 31.665; 72.20W, h22km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; M2,3; Mm0.57; Mm1-2.92; Mm0.30; Mm0-0.17; Mm0-0.31; Fault plane solution: M2,720000*10^19, NP1=173.470000, 3.42, 920000, 1.77, 180000, NP2=125.70000, 8.42, 690000, 1.104, 280000. Principal axes: 1: 2.4169, Plg80.0000; Azm20.0000; N: 0.5235, Plg10.0000; Azm182.0000; P: -2.9404, Plg3.0000; Azm273.0000. GUC 17 08:38:56.3, 0.6, 31.695; 72.02W, h40km, 3km, ML4.6. ISC 17 08:38:53.3, 0.8, 31.675; 72.02W, 0.4, h5km, 4km, n179, e155/212, mb4.7/8, MS3.8/5.4C, Off coast of central Chile

DJA 17 10:07:43.5:0.3, 4°N, 2°12' 7E, h48km, 3km, M4.8/23, mb5.4/9, mb4.8/23, ML4.3, ML13, Mw(MB)4.8/9, NEIC 17 10:07:43.9:1.6, 3.43N, 0.04E, 126.46E:0.09, h42km, 3km, mb4.7/38, Error ellipse: s-maj=13.6km s-min=10.5km az=48.0, BUJ 17 10:07:45.9:0.0, 3.41N, 126.58E, h76km, mb5.1/14, mb4.6/28, IDC 17 10:07:46.0:1.9, 3.38N, 126.58E, h68km, 16km, mb4.0/20, mb1.4/21, mb1mx3.9/49, mbtmp4.3/21, MS3.5/26, Ms1 3.5/26, ms1mx3.4/45, Error ellipse: s-maj=21.6km s-min=7.9km az=75.0

MAN 17 10:07:49.0: 4.26N, 127.12E, h7km, mb5.5, ML4.5, MS4.8, ISC 17 10:07:44.5:0.3, 3.43N, 0.04E, 126.53E:0.05, h53km, n118, o185/114, mb4.5/43, MS3.5/25, 4C-1D, Talaud Islands

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

Table with columns: STKA, LR, LR, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: OD2, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

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

BUI 17 11:03:40.7±0.0, 1°15'N, 127°91'E, h100km, mB5.1/28, mb5.0/52
DJA 17 11:03:48.1±0.2, 2°N, 127°12'E, h89km, 2km, M4.8/41, mB5.0/41, mB5.3/15, MLV5.0/16, Mw(mB)4.7/15, Mw(mB)6.1/1, Mw(mB)6.1/1
IDC 17 11:03:49.7±1.5, 1°30'N, 127°35'E, h110km, 13km, mb4.5/19, mb1.4/6.2/3, mb1mx4.4/35, mbtmp4.9/23, MS3.1/8, MS1.3/1.8, ms1mx2.9/41, Error ellipse: s-maj=18.5km s-min=8.0km az=79.0
NEIC 17 11:03:49.1±1.2, 1°83'N, 0°08'127°36'E, 0.05, h98km, 6km, mb4.9/84, Error ellipse: s-maj=11.1km s-min=7.8km az=187.0
KLM 17 11:03:51, 1°89'N, 127°32'E, h61km, mb4.9
ISC 17 11:03:49.0±0.3, 1°80'N, 127°03.127°26E, 0.05, h112km, n190, n190/209, mb4.9/67, 45C-45D, Fault plane solution:
NP1: 242.61387, 669.89978, 117.22671. NP2:
o6.554569°, Azm188.6519°, N Plg25.4470°, Azm52.7856°, P Plg20.3313°, Azm312.6304°; Halmahera

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

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

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

IDC 17 11:33:06.1±0.3, 25°43'S, 64°58'W, h0km, mb5.1/22, mb1.5/2/26, mb1mx5.1/31, mbtmp5.1/26, ML5.2/4, MS5.6/23, MS1.5/2/23, ms1mx5.5/28, Error ellipse: s-maj=12.0km s-min=11.1km az=124.0
NEIC 17 11:33:07.8, 25°41'S, 64°14'W, h10km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; M2:25; Mw:0.45; Mw:2.0; Mw:1.33; Mw:1.59; Mw:2.34; Fault plane solution: M4.0, M1.000, 1017. NP1: 189.16000°, 134.71000°, 1.123.52000°. NP2: 307.51000°, 838.86000°, 3.47.0000°. Principal axes: T 4.172, Plg53.0000°, Azm140.0000°, N -0.2343, Plg31.0000°, Azm356.0000°, P -3.8829, Plg17.0000°, Azm255.0000°.
VAO 17 11:33:08.6±0.2, 25°42'S, 64°53'W, h10km, mb5.5
NEIC 17 11:33:08.9±1.6, 25°47'S, 0°06'48'W, 0.07, h17km, 1km, mb6.0/48, Ms_20.5/6/336, Mw5.7/56, Mw5.8,

SOR	Soroa	51.19 338	P	P	11 42 11.4 +0.3
SOR	comp-Z,232nm,1.0s		P	Pmax	
SOR	Soroa	51.19 338	P	P	11 42 11.4 +0.3
SOR	comp-Z,232nm,1.0s		I	Iamb	11 42 21.9
TLIG	Tipa	54.09 319	P	P	11 42 32.9 +0.1
TLIG	comp-Z,121nm,1.2s		I	Iamb	11 42 42.7
VNA1	Neumayer-Olymp	55.07 161	P	P	11 42 39.6 +0.4
VNA1	Neumayer-Slat	55.24 160	P	P	11 42 41.2 +0.9
VNA2	Neumayer-Watz	55.61 160	P	P	11 42 42.8 -0.3
UNM	Universidad Na	55.83 320	IAMS_20	IAMS_20	12 06 13.8
SACV	Santiago Islan	56.57 49	IAMS_20	IAMS_20	12 06 54.2
SNA	Sanae	57.25 161	P	P	11 42 54.2 -0.7
SNA	Sanae	57.25 161	P	P	11 42 54.1 -0.8
SNA	comp-Z,177nm,1.0s,baz=288,slow=6.3,SNR=24		P	P	11 42 54.1 -0.8
SNA	Sanae	57.25 161	Pmax	Pmax	
SNA	comp-Z,61nm,1.7s		P	P	11 42 53.6 -1.3
SNA	Sanae	57.25 161	IAMS_20	IAMS_20	12 11 50.6
MOIG	Morelia	57.30 318	P	P	11 42 56.2 +0.2
MOIG	comp-Z,167nm,1.1s		I	Iamb	11 43 05.3
BBSR	BB Station	57.48 360	P	P	11 42 57.5 +0.8
451A	Vernon	59.33 339	P	P	11 43 08.8 -0.9
TIGA	Tifton	59.42 341	P	P	11 43 10.7 +0.3
TIGA	comp-Z,87nm,0.9s		Iamb	Iamb	11 43 18.2
TIGA	Tifton	59.42 341	P	P	11 43 10.6 +0.3
TIGA	baz=160		S	S	11 51 16.2 -1.9
255A	Hazlehurst	59.56 342	P	P	11 43 11.0 -0.3
352A	Blakely	59.86 340	P	P	11 43 12.9 -0.5
NHSC	New Hope	60.10 345	P	P	11 43 15.4 +0.5
NHSC	comp-Z,4um,22.0s		IAMS_20	IAMS_20	12 11 36.4
NHSC	New Hope	60.10 345	P	P	11 43 16.0 +1.1
NHSC	baz=164		S	S	11 51 25.0 -1.7
BRAL	Brewton	60.27 338	P	P	11 43 16.1 -0.1
BRAL	Brewton	60.27 338	P	P	11 43 16.1 -0.1
BRAL	baz=156,SNR=12		S	S	11 51 25.8 -3.2
154A	Montrose	60.38 342	P	P	11 43 17.1 +0.2
ZAIG	Zacatecas	60.48 319	P	P	11 43 18.7 +0.5
ZAIG	comp-Z,105nm,1.1s		Iamb	Iamb	11 43 27.8
Y60A	Bolivia	60.53 347	P	P	11 43 18.5 +0.6
Y58A	Scranton	60.74 346	P	P	11 43 19.4 +0.1
250A	Grady	60.75 339	P	P	11 43 18.8 +0.7
152A	Waverly Hall	60.91 341	P	P	11 43 19.9 -0.6
MBO	M'Bour	60.93 55	IAMS_20	IAMS_20	12 09 27.7
Y57A	Sumter	61.02 345	P	P	11 43 21.7 +0.5
GOGA	Godfrey	61.24 342	P	P	11 43 22.8 +0.1
GOGA	comp-Z,76nm,1.2s		Pmax	Pmax	
GOGA	comp-Z,3um,20.0s		MLR	MLR	
GOGA	Godfrey	61.24 342	P	P	11 43 22.8 +0.1
GOGA	comp-Z,3um,20.0s		IAMS_20	IAMS_20	12 14 03.6
GOGA	Godfrey	61.24 342	P	P	11 43 22.1 -0.6
GOGA	baz=160,SNR=14		S	S	11 51 35.8 -5.4
X58A	Rowland	61.30 346	P	P	11 43 23.6 +0.5
X58A	comp-Z,116nm,1.2s		Iamb	Iamb	11 43 31.1
346A	Big Creek Wild	61.33 336	P	P	11 43 23.5 +0.1
JSC	Jenkinsville	61.48 344	P	P	11 43 24.2 -0.1
JSC	comp-Z,125nm,1.3s		Pmax	Pmax	
JSC	Jenkinsville	61.48 344	P	P	11 43 24.2 -0.1
JSC	comp-Z,125nm,1.3s		Iamb	Iamb	11 43 34.1
Z51A	Franklin	61.65 340	P	P	11 43 25.3 -0.2
CNCC	Cliffs of the	61.66 348	IAMS_20	IAMS_20	12 11 31.7
CNCC	Cliffs of the	61.66 348	P	P	11 43 25.4 -0.1
HODGE	Hodges	61.68 343	P	P	11 43 25.8 +0.1
KVIX	Kingsville	61.71 326	P	P	11 43 26.3 +0.3
Y52A	Liburn	61.83 342	P	P	11 43 27.2 +0.5
Y52A	comp-Z,176nm,1.2s		Iamb	Iamb	11 43 34.4
344A	Westbrook Farm	61.87 335	P	P	11 43 27.1 +0.1
LRLAL	Lakeview Retre	61.96 339	P	P	11 43 27.2 -0.4
LRLAL	comp-Z,130nm,1.2s		Iamb	Iamb	11 43 35.2
LRLAL	comp-Z,3um,19.0s		IAMS_20	IAMS_20	12 13 44.9
LRLAL	Lakeview Retre	61.96 339	P	P	11 43 27.2 -0.4
LRLAL	baz=157,SNR=16		S	S	11 51 46.2 -4.3
W57A	Gilead	62.02 346	P	P	11 43 27.7 -0.2
PAULI	Pauline	62.13 344	P	P	11 43 28.8 +0.1
441A	DeRidder	62.25 332	P	P	11 43 30.1 +0.5
146A	Union	62.31 337	P	P	11 43 30.0 +0.1
KMSC	Kings Mountain	62.32 344	P	P	11 43 30.0 +0.1
KMSC	comp-Z,120nm,1.3s		Iamb	Iamb	11 43 39.7
KMSC	Kings Mountain	62.32 344	P	P	11 43 29.4 -0.5
KMSC	baz=163		S	S	11 51 52.4 -2.4
342A	Flagon Creek P	62.44 333	P	P	11 43 31.1 +0.3
V58A	Windy Hill, Pi	62.44 347	P	P	11 43 30.9 +0.1
V58A	comp-Z,163nm,1.8s		Iamb	Iamb	11 43 38.6
VBMS	Vicksburg	62.47 335	P	P	11 43 31.1 0.0
VBMS	Vicksburg	62.47 335	P	P	11 43 31.0 0.0
247A	Carrollton	62.47 338	P	P	11 43 30.4 -0.6
247A	comp-Z,146nm,0.9s		Iamb	Iamb	11 43 38.6
Y49A	Blount Mountai	62.53 340	P	P	11 43 30.8 -0.6
Y49A	comp-Z,82nm,1.0s		Iamb	Iamb	11 43 39.0
BG3	Lake Jocassee	62.58 343	P	P	11 43 31.6 -0.2
BG3	comp-Z,103nm,1.4s		Iamb	Iamb	11 43 42.0
X51A	Calhoun	62.72 341	P	P	11 43 32.3 -0.3
X51A	comp-Z,197nm,1.4s		Iamb	Iamb	11 43 40.4
US9A	Littleton	62.72 348	P	P	11 43 32.7 +0.1
US9A	comp-Z,122nm,1.4s		Iamb	Iamb	11 43 40.5
HKT	Hockley	62.73 329	i	P	11 43 33.9 +1.2
HKT	comp-Z,80nm,1.3s		Pmax	Pmax	
HKT	Hockley	62.73 329	P	P	11 43 33.5 +0.8
HKT	comp-Z,128nm,1.3s		Iamb	Iamb	11 43 41.7
735A	Kenedy	62.75 327	P	P	11 43 33.0 +0.1
FPAL	Fort Payne	62.92 340	P	P	11 43 33.3 -0.9
W52A	Murphy	62.95 342	P	P	11 43 33.3 -0.9
W52A	comp-Z,154nm,1.8s		Iamb	Iamb	11 43 41.3
V55A	Taylorville	62.97 345	P	P	11 43 33.5 -0.8
V55A	comp-Z,124nm,1.1s		Iamb	Iamb	11 43 44.2
833A	Chaparral WMA,	63.11 326	P	P	11 43 35.7 +0.3
833A	baz=145,SNR=54		S	S	11 52 02.2 -2.9
V53A	Saluda	63.19 343	P	P	11 43 35.4 -0.4
143A	Socs Landing,	63.24 335	P	P	11 43 36.4 +0.3
US6A	King	63.25 346	P	P	11 43 36.4 +0.2
T59A	Double "B" Far	63.28 348	P	P	11 43 36.3 +0.1
T59A	comp-Z,112nm,1.3s		Iamb	Iamb	11 43 44.2
X48A	Hartselle	63.28 339	P	P	11 43 35.8 -0.6
T60A	Surry	63.29 349	P	P	11 43 36.2 -0.2
T60A	comp-Z,156nm,1.1s		Iamb	Iamb	11 43 45.1

TKL	Tuckaleechee C	63.43 343	P	P	11 43 37.0 -0.4
TKL	comp-Z,64nm,1.1s		Pmax	Pmax	
TKL	Tuckaleechee C	63.43 343	P	P	11 43 37.0 -0.4
W50A	Signal Mountai	63.44 341	P	P	11 43 37.3 -0.2
W50A	comp-Z,127nm,1.4s		Iamb	Iamb	11 43 45.2
CPCT	Cooper Cave	63.45 342	P	P	11 43 36.9 -0.6
V52A	Serviville	63.56 343	P	P	11 43 37.6 -0.6
V52A	comp-Z,166nm,1.5s		Iamb	Iamb	11 43 48.0
Y45A	Yeager Farm, C	63.59 337	P	P	11 43 37.8 -0.7
T57A	Hurt	63.63 347	P	P	11 43 38.3 -0.4
SWET	Sewanee	63.64 340	P	P	11 43 37.9 -0.9
SWET	comp-Z,182nm,1.3s		Iamb	Iamb	11 43 46.4
V51A	Loudon	63.73 342	P	P	11 43 38.3 -1.0
US4A	Nelsons Funn	63.75 344	P	P	11 43 39.2 -0.3
US4A	comp-Z,160nm,1.1s		Iamb	Iamb	11 43 49.1
NATX	Nacogdoches	63.75 332	P	P	11 43 39.1 -0.4
NATX	Nacogdoches	63.75 332	P	P	11 43 40.1 +0.6
NATX	baz=150,SNR=15		S	S	11 52 12.4 -0.5
BLA	Blacksburg	64.08 346	P	P	11 43 41.9 +0.2
BLA	comp-Z,145nm,1.5s		Pmax	Pmax	
BLA	Blacksburg	64.08 346	P	P	11 43 41.9 +0.2
BLA	comp-Z,146nm,1.5s		Iamb	Iamb	11 43 50.4
BLA	Blacksburg	64.08 346	P	P	11 43 42.2 +0.5
BLA	baz=164		S	S	11 52 13.1 -3.9
PLAL	Pickwick Lake	64.10 339	P	P	11 43 40.8 -1.0
PLAL	comp-Z,81nm,0.9s		Iamb	Iamb	11 43 49.1
OXF	Oxford	64.13 337	P	P	11 43 41.0 -1.0
OXF	comp-Z,209nm,1.0s		Pmax	Pmax	
OXF	Oxford	64.13 337	P	P	11 43 41.0 -1.0
OXF	Oxford	64.13 337	P	P	11 43 41.1 -0.9
OXF	baz=155,SNR=35		S	S	11 52 10.9 -6.6
TZTN	Tazewell	64.21 343	P	P	11 43 42.2 -0.3
TZTN	comp-Z,3um,21.0s		IAMS_20	IAMS_20	12 14 33.2
TZTN	Tazewell	64.21 343	P	P	11 43 42.2 -0.3
TZTN	baz=161		S	S	11 52 15.8 -2.9
435B	Jarrell	64.24 329	P	P	11 43 42.8 0.0
435B	Jarrell	64.24 329	P	P	11 43 42.9 +0.1
435B	baz=147		S	S	11 52 12.8 -6.3
Z41A	Richland Creek	64.28 334	P	P	11 43 43.3 +0.3
Z41A	baz=152		S	S	11 52 18.4 -1.1
R58B	Mineral	64.30 348	P	P	11 43 43.1 +0.1
R58B	comp-Z,118nm,1.3s		Iamb	Iamb	11 43 51.4
S57A	Dark Hollow, R	64.31 347	P	P	11 43 43.6 +0.5
V48A	Smith Brothers	64.40 340	P	P	11 43 43.4 -0.4
V48A	comp-Z,97nm,1.2s		Iamb	Iamb	11 43 51.4
CBN	Corbin Frederi	64.44 349	IAMS_20	IAMS_20	12 13 19.4
CBN	Corbin Frederi	64.44 349	P	P	11 43 43.5 -0.4
237A	Washetta, Mont	64.46 331	P	P	11 43 44.7 +0.5
CCAR	Cane Creek	64.46 335	P	P	11 43 45.0 +0.8
CLTN	Cedars of Leba	64.57 341	P	P	11 43 44.2 -0.6
CLTN	comp-Z,113nm,1.3s		Iamb	Iamb	11 43 52.3
W45A	Hickory Valley	64.63 338	P	P	11 43 44.2 -1.1
Q61A	Milford	64.77 351	P	P	11 43 46.7 +0.6
WLAR	White Oak Lake	64.78 334	P	P	11 43 47.1 +0.8
GSPA	South Pole Qui	64.78 180	Iamb	Iamb	11 43 46.4 +0.2
GSPA	comp-Z,83nm,0.9s		P	P	11 43 49.5
U49A	Red Boiling Sp	64.80 341	P	P	11 43 46.3 0.0
S54A	Dingess, Beckl	64.85 345	P	P	11 43 46.7 0.0
S54A	comp-Z,176nm,1.2s		Iamb	Iamb	11 43 56.2
T50A	Nancy	65.00 342	P	P	11 43 46.9 -0.8
T50A	comp-Z,144nm,1.8s		Iamb	Iamb	11 43 54.2
R55A	Marlinton	65.05 346	P	P	11 43 48.1 +0.1
R55A	comp-Z,202nm,1.6s		Iamb	Iamb	11 43 57.1
JCT	Junction City	65.07 327	P	P	11 43 48.0 -0.3
JCT	comp-Z,140nm,1.1s		Pmax	Pmax	
JCT	Junction City	65.07 327	P	P	11 43 48.0 -0.3
JCT	comp-Z,800nm,22.0s		MLR	MLR	
JCT	Junction City	65.07 327	P	P	11 43 48.0 -0.3
JCT	comp-Z,140nm,1.1s		Iamb	Iamb	11 43 56.6
JCT	baz=145,SNR=38		S	S	11 43 48.6 +0.3
JCT	baz=145		S	S	11 52 26.8 -2.6
Z38A	Mt. Pleasant	65.18 332	P	P	11 43 49.3 +0.5
WHTX	Lake Whitney,	65.19 329	P	P	11 43 48.8 -0.2
WHTX	comp-Z,200nm,1.4s		Iamb	Iamb	11 43 57.5
WHTX	Lake Whitney,	65.19 329	P	P	11 43 49.4 +0.4
WHTX	baz=147,SNR=9.8		S	S	11 52 28.4 -2.4
S51A	Beattyville	65.25 343	P	P	11 43 49.2 0.0
LPAR	Lepanto	65.42 337	P	P	11 43 51.3 +0.9
HPIG	Hopkins	65.46 320	P	P	11 43 51.2 +0.1
HPIG	comp-Z,90nm,1.2s		Iamb	Iamb	11 44 00.1
R53A	Hurricane	65.50 345	P	P	11 43 50.8 -0.1
R53A	comp-Z,94nm,1.1s		Iamb	Iamb	11 44 00.4
SDMP	Soldier's Dell	65.59 350	P	P	11 43 52.8 +1.8
Q56A	Snyder Ridge,	65.59 347	P	P	11 43 51.9 +0.5
LNXT	Lenox	65.59 338	P	P	11 43 51.6 +0.1
UTMT	University of	65.60 339			

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Adamsville, Middleborough, Bryant College, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Erie, West Valley, N Lafayette, Skaggs, Pawnee, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Kowa, Sherman, Montreal, Joes South For, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like PBVD, PCVE, PNCL, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like G08A, Pilot Rock, FFF, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like YKA, Yellowknife Ar, SENIN, etc.

17d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, SOEI Sog, WSI Wainagapu, etc.

IDC 17 15:19:46.2, 2.9, 32.325:177.81W, h0km, mb4.0/2, mb1 4.1/3, mb1mx3.7/34, mbtmpp3.9/3, ML3.3/1, Error ellipse: s-maj=74.1km s-min=36.1km az=120.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

IDC 17 15:20:16.8, 1.7, 15.72S:25.85E, h0km, mb3.9/2, mb1 4.0/7, mb1mx3.6/57, mbtmpp4.1/7, ML3.9/4, Error ellipse: s-maj=29.4km s-min=16.1km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSZ Lusaka, MATP Matopo, ASAR Alice Springs, etc.

IDC 17 15:32:34.5, 2.5, 7.01S: 150.46E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/36, mbtmpp3.7/5, ML1.7/1, Error ellipse: s-maj=61.8km s-min=37.9km az=129.0

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

NEIC 17 15:36:23.4, 1.6, 20.6S:0.1x177.55W:0.09, h486km, 9km,

2015 OCT

mb4.4/25, Error ellipse: s-maj=18.3km s-min=11.0km az=154.0

NOU 17 15:36:24.2, 20.46S:177.43W, h514km, mb4.3/24, Fiji Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, KOUNC Koumac, ARMA Armatapu, etc.

708

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH Zalesovo Beam, MKAR Makanchi Array, ARCES ARCES Array B, etc.

JMA 17 15:55:30.7, 0.7, 44.75N:149.21E, h30km, M3.8, NIED 17 15:55:30.8, 44.75N:149.21E, h30km, MW3.7, Moment Tensor Solution, s Moment tensor: Scale 10^14Nm

IDC 17 15:55:40.1, 0.4, 45.09N:149.41E, h132km, 68km, KHC 17 15:55:40.1, 0.4, 45.09N:149.41E, h132km, 68km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, JRA Rausu, JAK Akkeshi, etc.

NEIC 17 15:56:46.5, 1.4, 4.90S:0.09x154.9E:0.1, h74km, 8km, mb4.2/8, Error ellipse: s-maj=15.6km s-min=12.2km az=116.0

IDC 17 15:56:48.2, 2.8, 5.13S: 154.87E, h93km, 29km, mb3.7/3, mb1 3.9/15, mb1mx3.8/36, mbtmpp4.1/15, MS3.2/7, Ms1 3.2/7, ms1mx2.8/39, Error ellipse: s-maj=20.8km s-min=15.7km az=149.0

IDC 17 15:56:48.1, 0.6, 4.96S:0.07x154.9E:0.08, h100km, n36, i1947/33, mb3.9/15, 4.3km, Bugei Island-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

711

Table with columns for call ID, name, time, and status. Includes entries like ITQB Itaquí, TA02 Huaquique, PB08 comp=Z,47nm,1.1s, IPOC Station P, etc.

2015 OCT

Table with columns for call ID, name, time, and status. Includes entries like MTO3 Montecristo, TBI Tubuai, TBI comp=Z,546nm,27.5s, etc.

17d 17h

Table with columns for call ID, name, time, and status. Includes entries like V58A Windy Hill, Pi, V55A Taylorsville, W39A Magazine, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Kanaga Island, Great Sitkin T, Nikoi, etc.

NEIC 17:18:33.0, 6.2, 0.1, 17.8S: 0.1: 178.5W: 0.1: 858km, 7km, mb4.4/129, Error ellipse: s-maj=16.1km s-min=13.1km az=153.0

IDC 17:18:33.32, 9.0, 17.67S: 178.75W, h613km, 10km, mb3.3/12, mb1.3.6/14, mb1mx3.4/26, mbtmp4.3/14, Error ellipse: s-maj=18.3km s-min=11.6km az=143.0

ISC 17:18:33.0, 5.0, 4.1, 17.72S: 0.008: 178.55W: 0.07, h600km, n162, r161/178, mb4.3/72, SC-1D, Fiji Islands region

Main station list for 713, including MSFV, URZ, STKA, WRA, etc. with detailed station parameters.

Main station list for 2015 OCT, including RMX, KDKB, MDPB, etc. with detailed station parameters.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like TXAR, MCMT, REDW, etc.

IDC 17:18:40.41, 0.3, 2, 32.98S: 178.36W, h0km, mb3.7/2, mb1.3.9/3, mb1mx3.6/21, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=73.8km s-min=37.5km az=117.0, South of Kermadec Islands

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

PRE 17:18:46:56.9, 0.9, 26.42S: 27.65E, h2km, ML2.5, EAF 17:18:47:01.0, 0.3, 26.37S: 27.65E, h3km, 17km, MD3.8

ISC 17:18:46:57.3, 1.0, 26.41S: 0.003: 27.64E: 0.04, h5km, 7km, n21, r167/36, South Africa

Main station list for 17d 19h, including URZ, ASAR, WRA, etc. with detailed station parameters.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KOLN, DANN, PYUN, HYB, ANTX, TXAR, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SENIN, PAOL, JSA, etc.

JMA 17 21:05:22.8:0.2, 24.280N, 122.93E, h4km, 4km, M2.0, Taiwan region

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

TAP 17 21:06:05.7, 24.72N, 122.85E, h11km, 2km, ML2.9, D JMA 17 21:06:05.1, 0.3, 24.78N, 122.90E, h14km, 2km, M2.5

ISC 17 21:06:04.6:1.1, 24.75N, 122.91E, 0.02, h14km, 10km, n57, r1513/63, 1C, Taiwan region

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

TAP 17 21:07:41.7, 24.86N, 122.95E, h11km, 1km, ML2.9, D JMA 17 21:07:43.8:0.1, 24.77N, 122.93E, h8km, 2km, M2.5

ISC 17 21:07:43.2:1.1, 24.73N, 122.87E, 0.03, h25km, 10km, n46, r0576/52, 1C, Taiwan region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SSSL, SMLT, TWF1, etc.

TAP 17 21:06:50.9, 24.72N, 122.89E, h18km, ML2.8, C JMA 17 21:06:51.8:0.2, 24.73N, 122.91E, h9km, 3km, M2.4

ISC 17 21:06:51.0:1.1, 24.74N, 122.88E, 0.03, h16km, 9km, n36, r0644/44, 1C, Taiwan region

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

TAP 17 21:07:41.7, 24.86N, 122.95E, h11km, 1km, ML2.9, D JMA 17 21:07:43.8:0.1, 24.77N, 122.93E, h8km, 2km, M2.5

ISC 17 21:07:43.2:1.1, 24.73N, 122.87E, 0.03, h25km, 10km, n46, r0576/52, 1C, Taiwan region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NNSB, NNS, ETM, etc.

IDC 17 21:09:31.7:4.2, 24.16S, 67.07W, h177km, 48km, mb3.0/1, mb1.3/2.4, mb1mx3.0/33, mbtmp3.7/4, Error ellipse: s-maj=70.3km s-min=54.9km az=177.0, Chile-Argentina border region

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

IDC 17 21:19:43.7:3.2, 5.15S, 152.97E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.6/46, mbtmp3.8/5, Error ellipse: s-maj=107.2km s-min=28.4km az=114.0

NEIC 17 21:19:49.9:1.7, 5.15S, 152.97E, h35km, 2km, mb4.0/8, Error ellipse: s-maj=29.7km s-min=10.9km az=61.0

ISC 17 21:19:51.0:1.4, 5.2S, 0.1, 152.8E, 0.3, h43km, n15, r0573/16, mb3.9/9, New Britain region

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

ATH 17 21:21:07.3, 38.39N, 23.62E, h12km, 3km, ML1.3/5, Error ellipse: s-maj=3.8km s-min=0.8km az=157.0, Greece

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VIL2, VIL2, VIL2, etc.

DJA 17 21:21:49.1:0.7, 5.4S, 153.3E, h48km, 7km, M4.8/12, mb5.9/2, mb4.5/12, MLV4.9/2, Mw(mB)5.5/2

NEIC 17 21:21:49.3:1.8, 5.16S, 152.95E, 0.09, h35km, 1km, mb4.5/27, Error ellipse: s-maj=16.1km s-min=10.5km az=68.0

IDC 17 21:21:52.3:4.0, 5.11S, 152.82E, h64km, 35km, mb3.9/15, mb1.4/0.16, mb1mx3.8/48, mbtmp4.2/16, ML2.1/1, Error ellipse: s-maj=23.0km s-min=16.8km az=82.0

ISC 17 21:21:49.7:0.5, 5.14S, 152.94E, 0.08, h43km, n65, r1518/67, mb4.5/33, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RABUL Rabaul, PMG Port Moresby, SWI Sorong, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SANGHE Sangihe, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TNTI Ternate, GTOI Gorontalo, MRSI Marisa, etc.

IDC 17 21:42:09.0.5.6.29:78S:178:33W, h120km, 5km, mb4.0/12, mb1.4/212, mb1mx4.1/25, mbtmp4.4/12, MS3/74, M51.3/74, mx1mx3.2/33, Error ellipse: s-maj=16.9km s-min=15.9km az=146.0

NEIC 17 21:42:10.0.1.8.29:95S:0:07:178:2W:0.2, h121km, 5km, mb4.7/44, Error ellipse: s-maj=19.8km s-min=10.8km az=102.0

ISC 17 21:42:08.0.0.5.30:05S:0:05:178:23W:0.0, h100km, n115, e1997/115, mb4.7/33, 1D, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, RAO 3um, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, BBOO Buckleboob, COEN Coen, etc.

IDC 17 22:03:31.6.1.2.5:16S:153:02E, h0km, mb4.0/11, mb2.1/113, mb1mx3.9/51, mbtmp4.0/13, ML2.9/2, Error ellipse: s-maj=40.2km s-min=18.9km az=112.0

NEIC 17 22:03:36.8.1.6.5:25S:0:06:153:19E:0.06, h35km, 1km, mb4.2/9, Error ellipse: s-maj=11.0km s-min=10.4km az=0.0

ISC 17 22:03:36.8.0.6.5:26S:0:06:153:14E:0:09, h37km, n31,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Port Moresby, Warramunga Arr, etc.

NIC 17 22:14:47.1±0.0, 34.68N:26.55E, h12km, 13km, M13.6/4
ISL 17 22:14:50.5, 35.17N:26.66E, h5km, ML2.9/8
ATH 17 22:14:51.9, 35.16N:26.58E, h10km, 2km, ML2.8/9, Error ellipse: s-maj=4.1km s-min=1.1km az=170.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, STIA Sitia, NPS Neapolis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bodrum, Gavdos, GVD, etc.

IDC 17 22:29:21.7±1.9, 0.32S:126.22E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/2, mbmp3.5/3, Error ellipse: s-maj=170.5km s-min=25.4km az=65.0, Southern Molucca Sea

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

IDC 17 22:32:19.5±0.6, 54.50S:119.06W, h0km, mb4.2/10, mb1 4.4/10, mb1mx4.2/28, mbmp4.2/10, MS4.7/15, Ms=1.47/15, ms1mx4.5/28, Error ellipse: s-maj=24.3km s-min=19.2km az=119.0

NEIC 17 22:32:21.5±1.2, 54.4S:0.1x119.2W:0.2, h10km, 1km, mb4.8/41, Error ellipse: s-maj=23.5km s-min=18.7km az=304.0

GCMT 17 22:32:23.0±0.2, 54.71S:0.01x118.71W:0.02, h14km, 1km, MV5.2/132, Moment Tensor Solution. s87,c126; s132,c224; Duration: 1s0 Moment tensor: Scale 1016 Nm; M=0.81±.16; Mw=4.69±.18; Mo=3.89±.16; Mo=0.53±.30; Mo=7.04±.15; Mo=1.7±.34; Best double couple: M=8.43900±0.016; NP1=3.266±0.00007; 3.73±0.00007; 1.1±0.00000; NP2=16.00000; 8.89±0.00000; 1.168±0.00000

Principal axes: T=8.8210, Plg=0.0000, Azm=150.0000; N=-0.7720, Plg=7.0000, Azm=22.0000; P=-8.0560, Plg=10.0000, Azm=241.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 22:32:20.9±0.4, 54.47S:0.09x119.2W:0.1, h10km, n131, c1519/97, mb4.7/27, MS4.9/20, 1C, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, PMSA Palmer Station, LL07 Hotel Espejo d, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, DZM Mont Dzumac, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like GERES GRESS Array B, KHC Kasperke Hary, CKRC Cesky Krumlov, etc.

IDC 17 22:41:24.6:1.0, 3.69N; 63.85E, h0km, m4.0/12, mb1.4, 1/13, mb1mx3.766, mbtmp4.0/13, ML3.6/1, Error ellipse: s-maj=26.4km s-min=19.5km az=32.0

NEIC 17 22:41:26.5:2.0, 3.6N; 63.8E:0.1, h10km, 1km, mb4.3/28, Error ellipse: s-maj=23.1km s-min=15.7km az=149.0

ISC 17 22:41:27.5:0.6, 3.6N; 63.83E:0.09, h23km, m4, f083/46, mb4.2/25, Carlsberg Ridge

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MNCI Minicoy, MSEA Mahe Island, PALK Pallekele, etc.

IDC 17 22:47:08.1:2.5, 18.28S; 168.71E, h98km, 21km, mb4.0/22, mb1.4, 1/24, mb1mx1.4/3, mbtmp4.4/24, Error ellipse: s-maj=17.9km s-min=12.7km az=81.0

NEIC 17 22:47:09.1:2.0, 18.35S; 0.05:168.83E:0.1, h97km, 5km, mb4.7/57, Error ellipse: s-maj=13.6km s-min=7.7km az=88.0

NOU 17 22:47:11.4, 18.30S; 168.52E, h106km, MLV6.3/30, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like RTV Rentapao, DVP Devils Point, MARNC Mare, Loyalty, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like PINNC Pines Island, OUCNC Ouen Island, ONTNC Ouen Toro, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like NVAR Mina Array Bea, KOSA Summer Lake, KVN Kaiserville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sand Creek, Albuquerque, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kurayoshi, Aida, Kasumi, Ikuma, Saijo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, Matsuhiro Arr, Sado, ISU, etc.

IDC 17 23:11:11.0.1.7, 16.579S;177.08W, h0km, mb3.9/6, mb1 4.3/6, mb1mx3.9/31, mbtmp3.6/5, MS4.1/1, Ms1 4.1/1, ms1mx3.5/37, Error ellipse: s-maj=109.0km s-min=2.4km az=148.0

ISC 17 23:11:12.4.1.5, 16.55S;0.6;177.2W;0.4, h10km, n9, e138/8, mb4.0/6, Fijil Islands region

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

IDC 17 23:17:53.4.1.5, 6.79S;155.51E, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.7/33, mbtmp3.6/6, MS4.3/1, Ms1 4.3/1, ms1mx3.2/33, Error ellipse: s-maj=52.0km s-min=27.6km az=133.0

ISC 17 23:18:00.6.1.3, 6.85S;0.3;155.4E;0.3, h50km, n10, e078/7, mb3.4/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, H11S3 WAKE ISLAND Hy, etc.

IDC 17 23:30:34.4.1.0, 35.37N;133.91E, h0km, mb3.8/4, mb1 3.9/9, mb1mx3.7/61, mbtmp3.8/9, ML3.5/5, Error ellipse: s-maj=21.1km s-min=12.2km az=151.0

NIED 17 23:30:35.2.35.44N;133.91E, h8km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=0.69; Mse0.11; Mse0.58; Mse-0.39; Mse-1.18; Mse-0.27; Fault plane solution: M2: 1.9000x10^15 NP1: 0.100.00000; 877.00000; A-149.00000. NP2: 0.3545.00000; 837.00000; A-30.00000

IDC 17 23:36:51.9.0.8, 35.27N;133.92E, h0km, mb3.7/8, mb1 3.9/12, mb1mx3.7/52, mbtmp3.7/12, ML3.1/4, Error ellipse: s-maj=19.2km s-min=13.8km az=135.0

NEIC 17 23:36:52.5.1.6, 35.42N;0.0;133.95E;0.0, h3km, 5km, mb4.2/12, Error ellipse: s-maj=7.6km s-min=1.3km az=158.0

NIED 17 23:36:52.1.35.44N;133.91E, h8km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=1.03; Mse0.70; Mse0.33; Mse-1.49; Mse-1.33; Mse0.06; Fault plane solution: M2: 1.9000x10^15 NP1: 0.100.00000; 877.00000; A-123.00000. NP2: 0.3545.00000; 837.00000; A-30.00000

JMA 17 23:36:52.1.35.44N;133.91E, h8km, M4.3 Broadband fault plane solution: P waves. NP1: 0.261.00000; 859.00000; A-165.00000. NP2: 0.163.00000; 877.00000; A-13.00000. Principal axes: T P1g7.0000; Azm26.0000; N P1g77.0000; Azm358.0000; P P1g11.0000; Azm145.0000

JMA Felt IV J1, ISC 17 23:36:52.0.1.2, 35.44N;0.0;133.92E;0.0, h1km, 8km, n53, e097/68, mb4.1/13, 2C-4D, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kurayoshi, Aida, Kasumi, Ikuma, Saijo, etc.

IDC 18 00:21:06.2.8.4, 7.06S;129.53E, h139km, 86km, mb3.2/1, mb1 3.2/5, mb1mx3.0/40, mbtmp3.6/5, MS3.9/1, Ms1 3.9/1, ms1mx2.7/16, Error ellipse: s-maj=73.8km s-min=27.2km az=38.0, Banda Sea

IDC 18 00:32:45.5.0.8, 52.37N;169.59W, h0km, mb4.2/26, mb1 4.4/28, mb1mx4.2/51, mbtmp4.2/28, ML4.0/2, MS3.6/5, Ms1 3.5/6, ms1mx3.0/45, Error ellipse: s-maj=21.3km s-min=1.6km az=176.0

AEIC 18 00:32:49.2.6.52, 19.07E;169.42W;0.0, h0km, 5km, ML4.1, mb4.4/79, NEIC; Error ellipse: s-maj=10.7km s-min=5.6km az=150.0

NEIC 18 00:32:51.8.1.6, 52.33N;0.0;169.55W;0.0, h34km, 6km, Error ellipse: s-maj=8.4km s-min=2.6km az=178.0

BGR 18 00:32:51.8.0.0, 52.19N;169.74W, h33km, mb4.7

ISC 18 00:32:50.8.0.6, 52.30N;0.0;169.44W;0.0, h40km, n240, e121/240, mb4.5/75, MS3.5/6, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIKH, NIKH, OKSP, OKSO, OKSG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q19K, SVW2, N19K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, DBG, TX31, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBL, BUR08, BURAR, etc.

IDC 18 00:35:04.9.2, 1.2, 32.16N, 129.85E, h0km, mb3.8/1, mb1 3.9/4, mb1mx3.5/33, mbtmp3.7/4, ML3.7.3, Error ellipse: s-maj=77.6km s-min=29.4km az=77.0, Timor Sea

ISN 18 00:35:54.6.2, 1.2, 32.16N, 129.85E, h0km, mb3.8/1, TEH 18 00:35:54.6, 32.16N, 129.85E, h13km, ML3.7, THR 18 00:35:54.9.0.6, 32.16N, 129.85E, h14km, ML3.7, ISC 18 00:35:54.7.0.8, 32.16N, 103.48E, 47E, 0.03, h10km, n57, r:150/65, Western Iran

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BATI, FITZ, WRA, etc.

Table with columns: Station, Name, Az, El, Op, Phase, ID, ISC, Time, Res. Includes stations like ISAD, IDMV, ZNJK, ANAR, CALM, etc.

BUI 18 00:47:39.0-0.4, 41.46N, 142.18E, h78km, mb5.0/29, mb4.8/56, Ms4.2/9, Ms7.4/0.9

MOS 18 00:47:39.0-0.9, 41.53N, 142.00E, h65km, mb5.1/69, Error ellipse: s-maj=6.2km s-min=4.0km az=106.0

JMA 18 00:47:39.6-0.1, 41.49N, 142.00E, h65km, mb2.2km, M4.4

Broadband fault plane solution: P waves. NP1: 0.192, 0.0000, 0.13, 0.0000, 0.78, 0.0000. NP2: 0.24, 0.0000, 0.77, 0.0000, 0.93, 0.0000. Principal axes: T P1g58.0000, Azm298.0000, N P1g3.0000, Azm204.0000; P P1g32.0000, Azm112.0000;

JMA felt III J1

BGR 18 00:47:39.8-0.0, 42.07N, 142.44E, h33km, mb4.7

NIED 18 00:47:39.6, 41.49N, 142.00E, h65km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm;

Mn:3.59; Mw:0.65; Mw:2.94; Mo:1.57; Mw:0.21; Mw:4.50;

Fault plane solution: Ms:5.78000x10^15 NP1:0.16, 0.0000, 0.73, 0.0000, 0.95, 0.0000. NP2: 0.18, 0.0000, 0.75, 0.0000.

NEIC 18 00:47:41.0-1.5, 41.54N, 0.05, 142.01E, 0.08, h65km, 6km, mb4.8/153 Error ellipse: s-maj=8.7km s-min=7.2km az=122.0

IDC 18 00:47:41.3-1.5, 41.50N, 141.96E, h74km, 12km, mb4.3/25, mb1.4/30, mb1mx4.4/37, mbmtb6.3/30, MS3.4/21, Ms3.4/21, ms1mx3.3/38, Error ellipse: s-maj=13.5km s-min=9.0km az=131.0

ISC 18 00:47:39.4-0.4, 41.47N, 142.04E, 0.03, h60km, 3km, h59km, p-P, n641, c1s19/656, mb4.8/191, MS3.6/19, 114C-56D, Fault plane solution: NP1: 0.27, 6.7139, 0.870, 59764, 0.106, 35591. NP2: 0.166, 21260, 0.825, 17157, 0.151, 35590. Principal axes: T P1g61.0284, Azm321.9449; N P1g15.4032, Azm202.1030; P P1g23.8948, Azm105.0921; Hokkaido region

Main station list table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res. Includes stations like JAHD, JARK, JOT, JKB, JNBK, etc.

Main station list table with columns: Station Name, Az, El, Op, Phase, ID, ISC, Time, Res. Includes stations like USA0B, USRK, USRK, USRK, etc.

Main station list table with columns: Station Name, Az, El, Op, Phase, ID, ISC, Time, Res. Includes stations like YULB, YULB, YULB, YULB, etc.

731

SUA	Susitna One	44.08	40	P	P	00 55 41.6 +0.4
COLD	Coldfoot	44.08	31	P	P	00 55 41.6 +0.5
SHL	Shilling	44.10	265	P	Pmax	00 55 42.0 -0.1
SHL	Shilling	44.10	265	P	IAMB	00 55 42.0 -0.1 00 55 43.4
TRF	Thorofare Moun	44.14	37	P	P	00 55 42.9 +1.1
TRF	Thorofare Moun	44.14	37	P	P	00 55 42.0 +0.2
TOLK	Toolik Lake Re	44.34	29	P	IAMB	00 55 44.0 +0.8 00 55 06.4
TOLK	Toolik Lake Re	44.34	29	P	P	00 55 43.5 +0.3
I23K	Minto, Yukon-K	44.46	34	P	P	00 55 45.5 +1.3
I23K	Minto, Yukon-K	44.46	34	P	P	00 55 45.1 +1.0
NEA2	Nenana	44.61	35	P	IAMB	00 55 46.4 +1.0 00 55 47.9
NEA2	Nenana	44.61	35	P	P	00 55 46.5 +1.1
MCK	McKinley	44.73	36	P	P	00 55 47.0 +0.7
RND	Reindeer	44.79	37	P	Pmax	00 55 47.4 +0.5
RND	Reindeer	44.79	37	P	P	00 55 47.4 +0.5
MDM	Murphy Dome	44.95	34	P	IAMB	00 55 49.4 +1.3 00 55 50.2
H24K	Noodor Dome	45.04	33	P	IAMB	00 55 50.4 +1.6 00 55 51.3
H24K	Noodor Dome	45.04	33	P	P	00 55 50.4 +1.6
FAKI	Fak Fak	45.07	194	P	P	00 55 50.1 +0.6
COLA	CIGO, UAF Yank	45.11	35	P	P	00 55 50.6 +1.3
COLA	College	45.11	35	P	Pmax	00 55 50.7 +1.4
COLA	College	45.11	35	P	P	00 55 50.7 +1.4
COLA	College	45.11	35	P	P	00 55 50.7 +1.4
CCB	Clear Creek Bu	45.15	35	P	P	00 55 50.3 +0.7
KNK	Knik Glacier	45.17	39	P	P	00 55 50.7 +0.8
SML	Sawmill	45.19	39	P	P	00 55 51.1 +1.0
PDGK	Podgornoye	45.26	294	P	P	00 55 50.1 -0.9
POKR	Poker Plat Res	45.27	34	P	P	00 55 52.1 +1.4
DHY	Denali Highway	45.49	37	P	IAMB	00 55 53.4 +0.9 00 56 12.1
DHY	Denali Highway	45.49	37	P	P	00 55 53.2 +0.6
IL31	IL31	45.53	35	P	IAMB	00 55 53.6 +1.0 00 55 55.3
ILAR	Eielson Array	45.53	35	P	P	00 55 53.4 +0.7
ILAR	Eielson Array	45.53	35	P	LR	01 16 36.3
ILAR	Eielson Array	45.53	35	P	P	00 55 53.5 +0.8
HDA	Harding Lake	45.54	35	P	P	00 55 53.2 +0.4
HDA	Harding Lake	45.54	35	P	P	00 55 53.1 +0.4
PRP	Porcupine Dome	46.04	34	P	P	00 55 58.2 +1.4
PRP	Porcupine Dome	46.04	34	P	P	00 55 58.2 +1.4
FYU	Fort Yukon	46.06	32	P	IAMB	00 55 58.6 +1.8 00 55 59.0
M24K	Tolsona, Glenn	46.16	38	P	P	00 55 59.0 +1.2
J25K	Salcha River,	46.20	35	P	P	00 55 59.0 +1.0
BMAR	Burnt Mountain	46.25	31	P	P	00 55 59.5 +1.2
PAX	Paxson	46.36	37	P	P	00 56 00.4 +1.0
KLU	Klutina	46.37	39	P	IAMB	00 56 00.6 +1.2 00 56 20.0
KLU	Klutina	46.37	39	P	P	00 56 00.3 +0.9
HAR	HAARP	46.59	38	P	P	00 56 02.2 +1.2
ODAN	Odare	46.77	270	eP	P	00 56 04.0 +0.8
SCRK	Sand Creek	46.88	36	P	IAMB	00 56 04.0 +0.6 00 56 04.8
SCRK	Sand Creek	46.88	36	P	P	00 56 03.8 +0.4
J26L	Joseph Creek	46.99	35	P	P	00 56 04.9 +0.6
TARG	Taragay, Kyrgy	47.00	293	P	IAMB	00 56 05.5 +0.5 00 56 09.8
JIRN	Jiri	47.24	271	eP	P	00 56 07.9 +0.9
KDJ	Kajisay	47.28	294	P	Pmax	00 56 07.2 +0.3
KDJ	Kajisay	47.28	294	P	IAMB	00 56 07.2 +0.3 00 56 08.1
L26K	Log Cabin Wild	47.31	37	P	IAMB	00 56 08.1 +1.4 00 56 28.7
L26K	Log Cabin Wild	47.31	37	P	P	00 56 07.7 +1.1
RAMM	Ramite	47.31	270	eP	P	00 56 07.8 +0.4
GUN	Gumba	47.34	272	eP	P	00 56 08.1 +0.3
K27K	Chicken	47.70	35	P	IAMB	00 56 11.1 +1.4 00 56 31.5
K27K	Chicken	47.70	35	P	P	00 56 10.9 +1.3
MCARA	McCarthy VSAT	47.76	39	P	P	00 56 11.0 +0.8
KKN	Kakani	47.86	272	eP	P	00 56 11.8 +0.2
PKI	Pulchoki	47.88	272	eP	P	00 56 12.5 +0.6
PKIN	Pulchoki	47.88	272	eP	P	00 56 12.0 +0.1
EGAK	Eagle	47.97	34	P	IAMB	00 56 12.5 +0.8 00 56 31.6
EGAK	Eagle	47.97	34	P	P	00 56 12.2 +0.6
L27K	Beaver Creek	47.98	37	P	P	00 56 13.3 +1.4
BCAR	Beaver Creek A	48.00	37	P	P	00 56 13.6 +1.5
TKM2	Tokmak 2	48.06	295	P	P	00 56 13.7 +0.7
TKM2	Tokmak 2	48.06	295	P	P	00 56 13.0 +0.0
DMN	Daman	48.09	272	eP	P	00 56 13.8 +0.4
BRVK	Borovoye	48.09	310	eP	Pmax	00 56 13.5 +0.7
BRVK	Borovoye	48.09	310	P	IAMB	00 56 13.5 +0.7 00 56 13.9
M27K	Edge Creek, AK	48.10	37	P	P	00 56 14.1 +1.2
GKN	Gorkha	48.23	273	eP	P	00 56 14.3 -0.1
OTUK	Ortayay	48.32	303	P	P	00 56 14.4 -0.3
KBK	Karagaybulak	48.61	295	P	P	00 56 17.7 +0.6
CTG	Chitna Glacier	48.65	39	P	P	00 56 18.4 +1.2
USP	Ospenovka	48.68	296	P	P	00 56 17.8 +0.2
DANN	Dansing	48.70	274	eP	P	00 56 18.7 +0.5

2015 OCT

FRU1	Bishkek	48.76	295	P	Pmax	00 56 18.6 +0.3
FRU1	Bishkek	48.76	295	P	IAMB	00 56 18.6 +0.3 00 56 25.7
AAK	Ala-Archa	48.92	295	P	P	00 56 19.7 +0.1
AAK	Ala-Archa	48.92	295	eP	Pmax	00 56 19.9 +0.3
AAK	Ala-Archa	48.92	295	P	IAMB	00 56 19.9 +0.3 00 56 20.1
KOLN	Koldanda	49.13	273	eP	P	00 56 21.5 +0.1
KSH	Kashi	49.16	291	sP	sP	00 56 25.8 +4.4 00 56 48.3 +4.6
EKS2	Erkin-Say	49.40	296	P	P	00 56 23.4 +0.2
PYUN	Pyun	49.41	274	eP	P	00 56 23.7 +0.2
INK	Inuvik	50.25	29	P	P	00 56 29.9 +1.0
INK	Inuvik	50.25	29	P	P	00 56 30.0 +1.0 00 56 30.1 +1.1 00 56 29.9 +1.0
HYT	Haines Junctio	50.50	39	P	P	00 56 33.1 +1.9
HYT	Haines Junctio	50.50	39	P	P	00 56 32.9 +1.7
KK31	Karatay Array	51.42	297	iP	P	00 56 37.6 -0.7
KK31	Karatay Array	51.42	297	P	IAMB	00 56 38.2 -0.1 00 56 38.8
KKAR	Karatay Array	51.42	297	P	P	00 56 38.1 -0.2
KKAR	Karatay Array	51.42	297	P	P	00 56 38.1 -0.2
FARO	Faro, Yukon	51.98	36	P	P	00 56 43.5 +1.3
A36M	Sachs Harbour	51.98	23	P	P	00 56 43.1 +1.1
SVE	Sverdlovsk	52.20	317	eP	Pmax	00 56 44.6 +0.8
BTK	Batken	52.51	294	P	Pmax	00 56 46.2 -0.3
BTK	Batken	52.51	294	P	P	00 56 46.2 -0.3
BTK	Sheldon Lake,	52.57	35	P	P	00 56 49.3 +1.2
GAR	Gar	53.33	293	P	P	00 56 52.2 -0.4
ARU	Arti	53.42	317	iP	P	00 56 52.6 -0.2
ARU	Arti	53.42	317	P	P	00 57 08.9 +0.7 00 57 58.0
ARU	Arti	53.42	317	S	S	01 04 23.3 +2.9 01 07 57.5 -2.9
ARU	Arti	53.42	317	P	IAMB	00 56 53.0 +0.2 00 56 53.7
SOEI	Soe	53.53	202	P	P	00 56 54.4 +0.2
SOEI	Soe	53.53	202	P	P	00 56 53.6 -0.6
NIL	Nilore	53.79	285	P	Pmax	00 56 56.7 +0.7
NIL	Nilore	53.79	285	P	IAMB	00 56 56.6 +0.7 00 57 00.3
CHGR	Chuyangaron	54.29	293	P	P	00 56 59.5 -0.1
PSI	Prapat	54.55	237	P	Pmax	00 57 02.4 +0.7
RPSI	Rantau Prapat	54.63	237	P	IAMB	00 57 02.4 +0.3 00 57 03.0
COEN	Coen	55.16	179	P	P	00 57 06.9 +1.1 00 57 10.9
COEN	Coen	55.16	179	P	IAMB	00 57 06.9 +1.1 00 57 10.9
AB31	Abkulak array	55.52	308	iP	P	00 57 08.0 -0.2
ABKAR	Abkulak array	55.52	308	P	P	00 57 08.2 +0.1
ABKAR	Abkulak array	55.52	308	P	IAMB	00 57 08.4 +0.2 00 57 09.0
EUNU	Eurek	55.74	9	P	P	00 57 09.6 +0.3
AKTO	Aktubinsk	56.13	310	P	P	00 57 12.1 -0.5
SPA0	Spitsbergen Ar	56.28	348	eP	P	00 57 14.8 +1.7
SPB2	Spitsbergen Ar	56.28	348	P	IAMB	00 57 12.9 -0.3 00 57 15.7
SPB2	Spitsbergen Ar	56.28	348	P	Pmax	00 57 13.2 0.0
KBL	Kabul	56.37	289	P	Pmax	00 57 13.8 -1.0
KBL	Kabul	56.37	289	P	IAMB	00 57 13.8 -1.0 00 57 20.6
GSI	Gungishton	56.55	237	P	P	00 57 16.7 +0.7
NOR	Nord	56.66	356	iP	Pmax	00 57 15.3 -0.5
NOR	Nord	56.66	356	P	IAMB	00 57 15.3 -0.5
KIRV	Kirov	57.05	321	eP	P	00 57 18.8 0.0
MDSI	Maura Dua	57.30	227	P	P	00 57 22.1 +1.0
PRGR	Permogore	57.35	326	eP	P	00 57 20.1 -0.8
KNRA	Kununura	58.17	195	P	IAMB	00 57 27.6 +0.5 00 57 34.4
RES	Resolute Bay	58.20	15	P	P	00 57 26.6 -0.1
RES	Resolute Bay	58.20	15	P	P	00 57 26.8 +0.1
HYB	Hyderabad	58.90	266	iP	P	00 57 32.0 -0.4
KEV	Kevo	59.48	339	P	P	00 57 35.6 -0.1
KEV	Kevo	59.48	339	P	Pmax	00 57 35.6 -0.1
YKA	Yellowknife Ar	59.76	32	P	P	00 57 35.6 -0.1
YKA	Yellowknife Ar	59.76	32	P	P	00 57 37.7 0.0
ARCES	ARCCESS Array B	60.03	339	P	P	00 57 38.5 -1.0
ARCES	ARCCESS Array B	60.03	339	P	IAMB	00 57 38.5 -1.0
ARCES	ARCCESS Array B	60.03	339	P	P	00 57 39.9 -1.4
KLMR	Klimovskoe	60.30	327	eP	Pmax	00 57 40.0 -1.4 00 57 42.1
KLMR	Klimovskoe	60.30	327	eP	P	00 57 40.0 -1.4
BELG	Belogornoye	60.93	316	iP	Pmax	00 57 46.0 +0.2
BELG	Belogornoye	60.93	316	P	Pmax	00 57 46.0 +0.2
TKT1	Kautokoino	60.99	339	eP	P	00 57 46.0 0.0
NEEM	North Greenland	61.00	339	iP	P	00 57 46.9 0.0
NEEM	North Greenland	61.00	339	P	IAMB	00 57 48.1
FITZ	Fitzroy Cross	61.18	198	P	P	00 57 48.4 +0.5
FITZ	Fitzroy Cross	61.18	198	P	IAMB	00 57 49.1
HRA	Herat	61.25	292	P	IAMB	00 57 48.3 -0.3 00 57 49.8
HRA	Herat	61.25	292	P	IAMB	00 57 48.3 -0.3 00 57 49.8
WBO	Warramunga Arr	61.33				

18d 1h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PBUR, AKN, EGM, LRM, UOSS, etc.

2015 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CLL, CLM, CLN, CLP, etc.

732

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NRCA, LDF, MNTX, etc.

Additional information and notes at the bottom right of the page, including a code table and a note about a specific station's location.

18d 3h

TUL 18 03:12:51.71.1.0.35.88N.0.02:97.35W.0.05,h6km,5km, ML3.3,mb,Lg3.2/93(NEIC),Error ellipse: s-maj=5.8km s-min=2.6km az=105.0

NEIC 18 03:12:51.71.1.0.35.88N.0.02:97.35W.0.05,h4km,6km, Error ellipse: s-maj=6.5km s-min=2.4km az=90.0

ANF 18 03:12:51.6.0.2.35.89N.97.36W,h6km,ML3.9/19,Error ellipse: s-maj=2.6km s-min=1.9km az=135.0

ISC 18 03:12:51.71.1.35.89N.0.02:97.34W.0.03,h3km,10km, n94,0975/84,Oklahoma

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

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and data for the 2015 OCT period.

DDA 18 03:29:30.8,39°13N,29°12E,h7km,1km,MW3.7

ISK 18 03:29:30.8,39°16N,29°14E,h9km,ML3.7/44

CFUSG 18 03:29:34.3,39°24N,29°25E,h35km,mb3.0/2,MD3.2/2,

Western Turkey Magtype MSH 3.1 from 4 stations

THE 18 03:29:37.5,38°92N,28°89E,h36km,1.4km,ML3.5/2,Error ellipse: s-maj=14.9km s-min=0.6km az=244.0

ISC 18 03:29:31.1.0.8,39°13N,0.02:29.14E.0.02,h15km,5km, n119,e181N/152,22C-15D,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and data for the 2015 OCT period.

734

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and data for the 734 period.

KRSC 18 03:33:21.0.0.6,54°99N,161°96E,h59km,11km,ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and data for the KRSC event.

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

TRN 18 03:37:05.8, 10.38N, 62.37W, h2km, MD3.6
FUNV 18 03:37:06.6, 10.40N, 62.34W, h1km, MW3.1

ISC 18 03:37:05.9-1.0, 10.36N, 0.04, 62.38W, 0.03, h5km, 11km, n21, 0.995/33, Near coast of Venezuela

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

IDC 18 03:57:51.8, 1.0, 3.93N, 125.70E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.6/53, mbtmp3.8/7, MS2.6/1, MS1 2.6/1, ms1mx2.2/34, Error ellipse: s-maj=78.0km s-min=20.2km az=75.0

DJA 18 05:59:03.6, 0.7, 4.16N, 12.16E, h65km, 8km, M4.3/7, mb4.5/2, ML4.2/7

MAN 18 03:58:08.7, 4.03N, 125.48E, h21km, mb4.8, ML3.7, MS3.7
ISC 18 03:58:04.0, 7.368N, 0.05, 125.9E, 0.1, h100km, n15, 0.163/19, mb3.6/7, 2C, Talaud Islands

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

IDC 18 04:44:45.8, 1.0, 35.83S, 104.33W, h0km, mb4.4/11, mb1 4.6/11, mb1mx4.3/26, mbtmp4.4/11, MS4.1/5, MS1 4.1/15, ms1mx3.9/22, Error ellipse: s-maj=30.3km s-min=19.2km az=30.0

NEIC 18 04:44:50.6, 1.8, 35.51S, 0.09, 103.9W, 0.2, h10km, 1km, mb4.7/44, Error ellipse: s-maj=27.1km s-min=7.7km az=240.0

GCMT 18 04:44:52.6, 0.3, 35.65S, 0.10, 103.94W, 0.2, h21km, 1km, MW5.0/108, Moment Solution s50.068; s108, c162; Duration: 0 Moment tensor: Scale 10^16Nm;

M=0.64z-1.4; Mw=0.91z-1.1; Mw=1.55z-1.1; Mo=0.59z-2.0; Mw=3.76z-1.0; Mw=0.88z-2.0; Best double couple: M0, 0.6500x10^16 Np1, 0.980000, 0.81, 0.0000, 2.172, 0.0000, NP2, 0.190, 0.000, 0.82, 0.000, 1.9, 0.0000, Principal axes: T, 4.4960, Plg12.0000, Azm54.0000; N -0.8580, Plg78.0000, Azm230.0000; P -3.6340, Plg1.0000, Azm324.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 04:44:48.9, 0.8, 35.85S, 0.1x104.1W, 0.1, h10km, n78, 0.192/56, mb4.6/28, MS4.0/16, Southeast of Easter Islands

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

ISC 18 04:46:56.7, 0.6, 59.8S, 0.1x25.8W, 0.2, h16km, n41, 0.195/29, mb2.4/21, South Sandwich Islands region

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

TAP 18 05:14:17.9, 24.19N, 122.21E, h15km, ML3.3, C JMA 18 05:14:17.3, 24.11N, 122.20E, h30km, 2km, M2.2
ISC 18 05:14:17.3, 1.0, 24.14N, 0.02, 122.21E, 0.02, h11km, 9km, n103, 0.060/191, 4D, Taiwan region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLL, Collm, 133.20, etc.

IDC 18 04:46:54.2, 0.6, 59.78S, 26.07W, h0km, mb4.2/12, mb1 4.3/13, mb1mx4.1/25, mbtmp4.2/13, ML4.4/1, MS3.7/2, Mawson 3.7/2, ms1mx3.0/21, Error ellipse: s-maj=28.6km s-min=15.1km az=61.0

NEIC 18 04:47:01.4, 1.9, 59.95S, 0.2, 25.9W, 0.3, h53km, 9km, mb4.3/9, Error ellipse: s-maj=31.1km s-min=13.3km az=225.0

ISC 18 04:46:56.7, 0.6, 59.8S, 0.1x25.8W, 0.2, h16km, n41, 0.195/29, mb2.4/21, South Sandwich Islands region

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

TAP 18 05:14:17.9, 24.19N, 122.21E, h15km, ML3.3, C JMA 18 05:14:17.3, 24.11N, 122.20E, h30km, 2km, M2.2
ISC 18 05:14:17.3, 1.0, 24.14N, 0.02, 122.21E, 0.02, h11km, 9km, n103, 0.060/191, 4D, Taiwan region

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

18d 5h

Table with columns for station name, ID, coordinates, and other parameters. Includes stations like JYNG, YONGUNIJIMAKU, ILA, TWE, ENT, etc.

2015 OCT

Table with columns for station name, ID, coordinates, and other parameters. Includes stations like SBCB, CHKT, WHYT, TWQ1, NSY, etc.

736

NEIC 18 05:15:30.4e1.4, 6.277N, 0.03:149:31W, 0.06, h71km, 4km, Error ellipse: s-maj=4.4km s-min=4.1km az=180.0, AEIC 18 05:15:30.1.2, 6.278N, 0.03:149:28W, 0.06, h67km, 5km, M4.1, mb4.0/10(NEIC), M4.3/175(NEIC), Mw4.1/136(NEIC), Error ellipse: s-maj=4.2km s-min=3.9km az=212.0, ANF 18 05:15:30.5.0.1, 6.279N, 0.03:149:32W, h65km, 3km, M4.5/74, M4.5/75, Error ellipse: s-maj=1.3km s-min=1.2km az=135.0, NEIC 18 05:15:30.6278N, 149:27W, h74km, Moment Tensor Solution: Moment tensor: Scale 10^15Nm; M1:0.16, M2:1.00, M3:-1.18; M1-1.26, M2-0.20, M3-0.37; Fault plane solution: M1: 720000, 1015 N P1: 139, 730000, 579, 450000, 1, 41, 230000, NP2: 40, 610000, 849, 610000, 1, 166, 090000, Principal axes: T: 1, 9561, Plg36, 00000, Azm9, 00000; N: -0, 6846, Plg48, 00000, Azm152, 00000; P: -1, 2715, Plg19, 00000, Azm264, 00000, ISC 18 05:15:30.1.0.6, 6.279N, 0.03:149:29W, 0.03, h74km, 6km, n303, 0.886/336, mb4.0/25, Central Alaska

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Chulitna, Reindeer, Susitna Watana, etc.

18 05:15:28.3.1.2, 6.276N, 149:38W, h63km, 12km, mb3.5/17, mb1.3/722, mb1mx3.7/44, mb1mp3.8/22, M5.4/0.7, Ms1 3.9/7, ms1mx3.3/25, Error ellipse: s-maj=13.5km s-min=8.5km az=106.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like HDA, SPCG, L20K, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HIN, EYAK, NCT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AWW, YUK2, P505, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUMG Summit, DAG Danmarks Havn, ICESG Greenland Ices, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMUR La Murta, URZ Urewera, ASAR Alice Springs, etc.

AUST 18 06:28:53.9, 1.1, 33.23S:137.12E, h0km, Error ellipse: s-maj=13.8km s-min=7.6km az=16.0

IDC 18 06:29:1.7, 8.2, 32.36S:137.49E, h0km, mb1 3.1/3, mb1mx3.1/27, mbtmp2.9/3, ML2.7/3, Error ellipse: s-maj=111.7km s-min=23.0km az=20.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBOO Buckleboo, HTT Hallett, LCRK Leigh Creek, etc.

GCG 18 06:31:00.9, 0.3, 14.99N:89.03W, h31km, MD3.3, SNET 18 06:31:01.1, 1.1, 14.47N:89.19W, h14km, 1.1km, ML2.5

INIC 18 06:30:59.1, 1.5, 14.48N:0.07, 89.13W, h0.06, h10km, 14km, n11, 0.93Z/18, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TACO Tacachico, PAVA Las Pavas, MRL Marmol, etc.

IDC 18 06:33:18.6, 1.4, 31.34S:179.89E, h403km, 16km, mb3.1/4, mb1 3.6/6, mb1mx3.2/21, mbtmp4.1/6, Error ellipse: s-maj=32.1km s-min=18.7km az=138.0

ISC 18 06:33:17.9, 0.7, 31.32S:0.08, 179.9W, 0.1, h400km, n49, e248/77, mb3.1/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, RIZ Raoul Island, etc.

CRAAG 18 06:16:43.3, 36.54N:6.80E, M12.7, MDD 18 06:16:45.1, 0.5, 36.54N:6.80E, h0km, mb3.7/3, Error ellipse: s-maj=9.0km s-min=4.2km az=120.0, PRXIMO

ISC 18 06:16:44.4, 1.4, 36.54N:0.05, 6.80E, 0.10, h5km, 16km, n15, 0.951/15, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CKFL Kef-Lekhel, CAEH Ain El Ouahch, CASM Ain Smara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUWZ Tuamarina, URZ Urewera, ASAR Alice Springs, etc.

IDC 18 06:44:49.2, 2.6, 36.30N:70.85E, h161km, 25km, mb3.7/13, mb1 3.7/13, mb1mx3.4/44, mbtmp4.1/18, MSJ2.8/1, MS1 2.7/1, ms1mx2.1/29, Error ellipse: s-maj=18.5km s-min=12.6km az=23.0

NEIC 18 06:44:52.6, 1.2, 36.57N:0.07, 70.8E, h0.06, h189km, 4km, mb4.1/12, Error ellipse: s-maj=10.2km s-min=6.9km az=197.0

NINC 18 06:44:57.3, 2.7, 36.98N:70.82E, h184km, 34km, mb3.3, mpv3.9, Error ellipse: s-maj=24.6km s-min=16.4km az=12.0

ISC 18 06:44:51.9, 0.5, 36.55N:0.05, 70.90E, 0.05, h188km, n82, e1932/87, mb3.9/14, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAR Garm, KBL Kabul, CHGR Chuyangaron, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DHRM DHARAMSHALA, DHRM Dharm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EK2S Erkin-Say, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, FRU1 Bishkek, TKM2 Tskmak 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMLA Simla, SMLA Simla, SMLA Simla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GYAOB ALIBEK ARRAY, MAKZ Makanchi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, DANN Dangsing, KOLN Koldanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRVK Borovoye, BRVK Borovoye, AKTO Aktyubinsk, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TANN Tannenberghtha, WERD Werda, JAVC Javorina, etc.

THE 18 07:45:36.6, 35.05N, 26.89E, h0km, 1km, ML2.5/2, Error ellipse: s-maj=1.1km, s-min=1.0, az=14.0

ATH 18 07:45:37.5, 35.02N, 26.84E, h30km, 7km, ML2.4/4, Error ellipse: s-maj=7.2km, s-min=1.5km, az=298.0

DDA 18 07:45:39.2, 35.14N, 27.07E, h9km, 3km, ML2.1

ISC 18 07:45:35.3, 2.1, 34.8N, 0.1, 26.88E, 0.05, h13km, 12km, n19, e0.98/29, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZKR Zakros, STIA Sitia, FRMA Ierapetra, etc.

TRN 18 07:54:07.5, 10.68N, 62.43W, h90km, MD3.6

FUNV 18 07:54:09.0, 10.70N, 62.36W, h92km, MV3.2

ISC 18 07:50:07.1, 1.4, 10.68N, 0.04, 62.40W, 0.04, h102km, 12km, n23, c1936/37, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRUV Carupano, TRN Trinidad, GRFF Grenada Fort F, etc.

BAUV EI Baul 5.82 253 eP Pn 07 55 31.2 +0.2
BAUV 5.82 253 eS Sn 07 56 32.8 -3.7
IDC 18 07:56:13.7, 0.6, 1.73N, 126.77E, h0km, mb4.2/12, mb1.4, 3/14, mb1mx4.1/42, mbtmp4.1/14, ML3.9/2, MS3.1/7, Ms1.3.1/7, ms1mx2.8/48, Error ellipse: s-maj=38.2km, s-min=13.4km, az=81.0

DJA 18 07:56:16.8, 0.3, 2.1, N2.2, 127.7E, h10km, M4.3/8, mb4.4/2, ML4.2/8
NEIC 18 07:56:19.5, 1.2, 1.8N, 0.1, 126.71E, 0.10, h39km, 8km, mb4.4/21, Error ellipse: s-maj=17.6km, s-min=10.4km, az=223.0

ISC 18 07:56:20.1, 0.5, 1.70N, 0.05, 126.61E, 0.06, h47km, n55, c105/56, mb4.3/20, MS3.1/5, Northern Molucca Sea

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

WRAB Tennant Creek 22.80 161 P P 08 01 19.0 -0.0
WRA Warrungarra Arr 22.80 161 P P 08 01 18.1 -0.9
WRA comp=2.25nm, 0.8s, baz=339, slow=11, SNR=84

ASAR Alice Springs 26.19 165 P P 08 01 50.4 -0.1
ASAR comp=2.2, 5nm, 0.5s, baz=347, slow=2.4, SNR=5.9
PSI Prapat 27.69 273 LR 08 14 00.4

ARMAR Armadale 39.86 145 P P 08 03 51.3 +1.9
ARMAR comp=2.15nm, 1.4s
SONM Songoing Array 49.18 342 P P 08 05 04.9 +1.3

PARAF Port-aux-Franc 70.16 215 P P 08 07 27.2 -0.5
NRIK Norilsk 72.36 346 P P 08 07 41.2 +0.5
NRIK Norilsk 72.36 346 P P 08 07 41.6 +0.9

WRA Warrungarra Arr 17.26 210 P P 08 03 02.7 -0.5
ASAR Alice Springs 26.68 205 P P 08 04 05.0 -0.7
MKAR Makanchi Array 74.47 321 P P 08 11 04.4 +0.1

IDC 18 08:13:45.1, 7.5, 13.73N, 145.74E, h0km, mb3.3/3, mb1.3/3, mb1mx3.3/50, mbtmp3.3/3, Error ellipse: s-maj=313.7km, s-min=37.4km, az=96.0, New Guinea

s-min=11.2km, az=73.0
DJA 18 08:31:14.3, 0.4, 0.0N, 3.12E, h145km, 4km, M4.2/12, mb4.4/3, mb4.9/1, MLV4.2/12, Mv(m)4.2/1

ISC 18 08:31:13.3, 0.7, 0.33N, 0.05, 122.28E, 0.04, h161km, 161km, n48, c1943/59, mb4.2/18, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRSI Marisa, GTOI Gorontalo, GTOI Ampama, etc.

FITZ Fitzroy Crossi 18.61 170 P P 08 35 19.0 +0.5
FITZ Fitzroy Crossi 18.61 170 P P 08 35 19.1 +0.5
PSA00 Pilbara Seismi 21.60 186 P P 08 35 53.4 -0.5

WRA Warrungarra Arr 23.36 150 P P 08 36 07.0 -0.5
WRA comp=2.8, 3nm, 0.7s, baz=328, slow=2.2, SNR=6.8
WB2 Warrungarra Arr 23.37 150 P P 08 36 07.7 0.0

ASAR Alice Springs 26.19 165 P P 08 36 35.1 +0.1
ASAR comp=2.2, 5nm, 0.5s, baz=344, slow=1.4, SNR=50
ASAR comp=2.0, 6nm, 0.3s, baz=339, slow=2.4, SNR=11

ASAR Alice Springs 26.19 165 P P 08 36 35.3 +0.2
ASAR comp=2.0, 3nm, 0.5s, baz=339, slow=3, SNR=51
ASAR Alice Springs 26.19 165 P P 08 36 35.3 +0.2

SONM Songoing Array 49.29 346 P P 08 39 46.7 +0.6
SONM Songoing Array 49.29 346 P P 08 39 46.7 +0.6
MK31 Makanchi Array 57.95 329 P P 08 40 49.8 +0.9

WRA Warrungarra Arr 17.26 210 P P 08 03 02.7 -0.5
ASAR Alice Springs 26.68 205 P P 08 04 05.0 -0.7
MKAR Makanchi Array 74.47 321 P P 08 11 04.4 +0.1

IDC 18 08:38:37.4, 1.2, 35.79N, 28.93E, h0km, mb3.5/4, mb1.3/6.7, mb1mx3.4/48, mbtmp3.5/7, ML3.5/4, MS2.4/3, Ms1.2.4/3, ms1mx2.1/35, Error ellipse: s-maj=26.8km, s-min=16.7km, az=161.0

ISC 18 08:38:39.5, 1.2, 35.74N, 28.90E, h15km, 1km, ML3.0
NKC 18 08:38:39.3, 35.80N, 28.83E, h7km, ML3.2/13
ATH 18 08:38:40.2, 35.67N, 28.79E, h32km, 13km, ML3.0/2, Error ellipse: s-maj=13.8km, s-min=1.1km, az=5.0

ISC 18 08:39:51.2, 35.74N, 0.03, 28.84E, 0.02, h14km, 9km, n76, c1930/106, mb3.4/4, Eastern Mediterranean Sea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FETHIYE, DALYAN (Mula), TURUNC, YERKESIK, MUGLA, MERKEZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BURDUR, BUCAK, KEPEZ, KEPZ, SEDİ, etc.

ATH 18 08:58:45.9, 39°00N:26°02E, h18km, 2km, ML2.4/7, Error ellipse: s-maj=2.5km s-min=0.8km az=32.0

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

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

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

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

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

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

NEIC 18 09:16:18.4, 1.8, 10.4S:0.1x166°1E:0.2, h122km, 8km, mb4.2/2, Error ellipse: s-maj=30.2km s-min=14.7km

IDC 18 09:16:31.1, 9.9, 11°00S:165°92E, h242km, 110km, mb3.3/4, mb1.3/6, mb1mx3.2/28, mbtmp4.0/5, MS2.5/1, Ms1.2/5.1, ms1mx2.3/15, Error ellipse: s-maj=74.2km s-min=30.0km az=164.0

ISC 18 09:16:22.1, 1.0, 10°59S:0°10x166°0E:0.2, h155km, n23, @1940/23, mb4.0/9, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SARAOUITOU, HONIAIRA, MONT DZUMAC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SARAOUITOU, HONIAIRA, MONT DZUMAC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SARAOUITOU, HONIAIRA, MONT DZUMAC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SARAOUITOU, HONIAIRA, MONT DZUMAC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SARAOUITOU, HONIAIRA, MONT DZUMAC, etc.

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

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

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

IDC 18 09:00:48.9, 2.2, 8°18S:130°07E, h0km, mb3.6/1, mb1.3/7.4, mb1mx3.5/33, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=78.0km s-min=29.3km az=78.0, Tannibar

18d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, VYDA Vanda, VYDA Vanda, CNMP China Poot, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TORD Torodi Ar. Bea, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, KSRs Korea Array, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 18 10:26:32.6, JHC Hachiojima, JIE Ise, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHU Hanno, JRY Ryogami san, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUI 18 10:34:58.7, MOS 18 10:35:03.5, SKHL 18 10:35:03.0, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes Kuril Islands, Nemuro 2, Rausu, JNK, etc.

742

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes JNBK Pauzhetka, JEW Tynovskoe, JYV Tynovskoe, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MOX, GUNZ, WERN, PKBC, NKC, STKA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TXAR, ARSA, KOVH, HLHM, BHOJ, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PHP, N54A, DRME, PAIG, PAIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Juan Fernandez, Brasilia, Paso Flores, Villa Florida, Sanae, Neumayer-Watz, Neumayer Olymp, Neumayer-Stat.

IDC 18 10:46:07.0:1.9,23.86k,106.03E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/49,mbtmp3.3/3,ML4.1/1,MS3.1/1, Ms1 3.1/1,ms1mx2.2/28,Error ellipse: s-maj=53.5km s-min=33.3km az=58.0, Southeastern China

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Prapat, Makanchi Array, ASAR Alice Springs.

PRU 18 10:49:17.0:0.0,51.41N,16.19E,h0km,Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ksiaz, Upice, Dobruska-Polom, Panska Ves.

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Moravsky Berou, Coilm.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ostrava-Krasne.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vranov, Pribram, Novy Kostel.

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

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

SOME 18 10:53:45.7,40.28N,76.78E,h5km KRNET 18 10:53:45.8:0.1,40.11N,77.03E,mb3.0, NNC 18 10:53:46.1:2.7,40.33N,77.42E,h0km,mb3.5,mpv3.3, Error ellipse: s-maj=19.4km s-min=16.7km az=118.0, ISC 18 10:53:48.9:2.0,40.41N,0.09:76.89E,0.04,h10km,n37, +r145/62,28C-4D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Taragay, Kajsay, Ulahol.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Przheval'sk.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Aral, Anan'yev.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tian-Shan.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tian-Shan.

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tokmak 2.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KST, MTBS, MDOK.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AAK, FRU1.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FRU1, AML.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BLB, KK31.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KK31.

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

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

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

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

IDC 18 10:56:51.0:2.6,5.89S,130.36E,h0km,mb3.4/1, mb1 3.5/4,mb1mx3.4/33,mbtmp3.3/4,ML2.9/3,Error ellipse: s-maj=106.7km s-min=30.6km az=77.0, Banda Sea

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HWA, TWC, NDS.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TWB1, TWB1.

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

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

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

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

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

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

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

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

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

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

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

18d 11h

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like TWS1, SBCE, SBCB, TYC, HSN, YMB, YULB, ECBN, NJN, ANP, NTST, NSY, NSY, NMLH, EYUL, TFW1, JYNG, WWF, TCU, YOJ, YOJ, WJS, WDJ, YUS, WNT1, WNT, FULB, WCHH, WYL, ALS, ALS, CHKT, CHNS, CHNS, ECS, ELDT, WGK, WDLH, EDH, WRL, CHN2, WTK, STYH, CHN4, CHN4, TPUB, STYT, WTCT, LONT, CHNY, WTP, TWK, TWGB, SNST, CHN1, WSF, SGST, SGST, SGLT, ICHU, IRIF, CHN8, HATJ, ECL, SSD, TSMG, MASBT, EAST, SSPT, JJJ, SCZT, PNG, PHUB, SLIU, JISG, VCHM, MATB.

2015 OCT

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like MSUT, PTMZ, LYJJ, XPSS, KNM, MHZO, KNMB, AXDP, ILS, IVE, OVT, P19K, P19K, P19K, O20K, O20K, O20K, RED, AU22, AU22, AUL, AGU, AUC, AUO, RSO, RDWB, NCT, O19K, O19K, O19K, DFR, DFR, HOM, HOM, HOM, CNPM, Q19K, Q19K, Q19K, O18K, O18K, O18K, BRLL, N19K, N19K, N19K, N19K, BRSE, BRSE, BRSE, BRSE, P18K, P18K, P18K, P18K, CAPN, CAPN, SPCR, SPCR, SPCR, SPU, SPCN, SPBG, SPBG, SPCP, SPCG, SPCG, SLKM, STLK, SVWS, O22K, O22K, O22K, O22K, SEW, SEW, SEW, SEW, FIS, FIS, FIS, KAKN, KAKN, SUA, SUA, SUA, SUA, SUA.

748

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like SUA, KABU, RC01, RC01, RC01, M19K, M19K, M19K, KDAK, KDAK, KDAK, KDAK, KDAK, SKT, SKT, SKT, M22K, M22K, M22K, L19K, L19K, L19K, PWL, PWL, PWL, PMR, PMR, PMR, L20K, L20K, L20K, OHAK, OHAK, OHAK, KNK, KNK, KNK, GHO, GHO, GHO, SML, SML, SML, PPLA, PPLA, PPLA, GLI, GLI, GLI, HIN, HIN, HIN, TT01, FID, FID, SII, SII, SII, JPK, SCM, SCM, Q23K, Q23K, Q23K, Q23K, MID, MID, MID, K20K, K20K, CAST, CAST, EYAK, EYAK, WAT6, WAT6, TRF, TRF, TRF.

Table with columns: TRF, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Thorofore Moun, Kantishna Hill, comp=E,80nm,0.8s, etc.

Table with columns: MESA, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MESA MESA, L26K Log Cabin Wild, IL31 Elson Array, etc.

Table with columns: CHOS, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHOS Chios island, CHOS Chios, CHOS comp=N,1184µm,0.2s, etc.

IDC 18 11:31:15.3:2.8:6.84S:130°28'E,h74km,37km,mb3.6/1, mb1 4.0/5,mb1mx3.4/46,mbtmp4.0/5,ML4.1/4,Error 0.5, ellipse: s-maj=67.5km s-min=23.0km az=91.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like Code Sorong, Code SUI, Code SJI, etc.

KRSC 18 11:35:42.5:1.6:52°69N:160°75E,h16km,19km,ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like Code SPN, Code SPN, Code NLC, etc.

IDC 18 11:36:51.4:1.6:7.83S:131°06'E,h0km,mb4.0/2, mb1 4.3/6,mb1mx3.7/34,mbtmp4.1/6,ML4.3/4,Error 0.5, ellipse: s-maj=42.1km s-min=25.9km az=86.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like Code MTN, Code MTN, Code FAK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like H03S2, ZON, H03N1, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TAOE, Papeete2, ZPTA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like EDRZ, TOZ, WPRZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes header 'SOME 18 12:51:55.8, 42.325N-80.88E, h0km, Kyrgyzstan-Xinjiang border region'.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJCJ, HJHJ, HJWJ, HJXJ, etc.

UPA 18 12:52:42.4, 0.7, 9.41N, 79.28W, h53km, 3km, MW3.4
ISC 18 12:52:42.2, 1.9, 9.41N, 0.07, 79.27W, 0.05, h54km, 11km, n18, c050/32, 1C, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIRA3, CHPO, MAD3, etc.

IDC 18 13:00:14.2, 0.4, 2.73N, 126.40E, h0km, mb4.7/30, mb1.4/3/1, mb1mx4.7/40, mbtmp4.7/31, ML4.4/1, MS3.5/18, Ms1.3/5/18, ms1mx3.4/76, Error ellipse: s-maj=16.7km s-min=9.3km az=71.0

BUJ 18 13:00:18.7, 0.0, 2.73N, 126.41E, h43km, mb5.1/32, mb4.8/52, Ms4.7/10, Ms7.8/4.3/8
NEIC 18 13:00:20.2, 5.2, 2.88N, 0.06, 126.50E, 0.07, h43km, 6km, mb5.0/107, Error ellipse: s-maj=10.2km s-min=8.4km az=63.0

KLM 18 13:00:20.2, 9.5N, 126.85E, h46km, mb5.0
DJA 18 13:00:21.1, 0.3, 3.1N, 2 * 12.7E, h56km, 6km, M4.9/19, mb5.3/9, mb5.0/19, MLV5.0/14, Mw(MB)4.7/9

ISC 18 13:00:21.9, 0.3, 2.77N, 0.03, 126.51E, 0.05, h63km, n280, c1953/289, mb5.0/95, 7C-100, Northern Molucca Sea

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY, STKI, MTN, etc.

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

18d 13:36:03.7-3.1, 32.90S-178.92W, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/29, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=68.6km s-min=46.4km az=116.0, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
URZ	Urewera	6.25	210	Op	13.37	P	36.5	-0.7
URZ	1.2nm, 0.3s, baz=336, slow=20, SNR=8.1			Pn				
URZ	0.4nm, 0.3s, baz=323, slow=20, SNR=1.2			Pn				
ASAR	Alice Springs	42.26	270	P	13.43	P	59.0	0.0
ASAR	0.3nm, 0.7s, baz=111, slow=7.9, SNR=3.3			P				
WRA	Warramunga Arr	43.47	275	P	13.44	P	08.8	-0.1
WRA	0.2nm, 0.3s, baz=115, slow=7.7, SNR=12			P				
FITZ	Fitzroy Cross	51.62	272	P	13.45	P	12.1	-0.1
FITZ	1.9nm, 1.5s, baz=135, slow=5.7, SNR=1.7			P				
FINES	FINES Array B	147.18	338	PKPbc	13.55	P	47.4	-0.7
FINES	0.7nm, 0.7s, baz=45, slow=2.2, SNR=4.6			PKPbc				

MAN 18 13:49:53.2, 133.9N:123.31E, h18km, mb3.7, ML2.5, MS2.0, Luzon

18d 13:54:51.0-1.8, 30.72N:141.52W, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.6/31, mbtmp3.6/6, MS3.4/7, Ms1 3.4/7, ms1mx3.1/28, Error ellipse: s-maj=64.4km s-min=24.5km az=13.0

18d 13:54:52.6-1.8, 30.72N:141.5W:0.2, h10km, n15, 0.072/6, mb3.7/6, MS3.4/7, Northern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
EDSC	Sonsecq Array	31.77	63	LR	14.11	P	51.4	
EDSC	comp=2.20nm, 19.9s, baz=105, slow=32			LR				
DBIC	Dimboko	41.84	117	LR	14.19	P	35.0	
DBIC	comp=2.51nm, 18.3s, baz=354, slow=36			LR				
TORD	Tordi Arr. Bea	43.41	104	P	14.02	P	55.8	0.0
TORD	1.6nm, 1.0s, baz=304, slow=8.1, SNR=5.1			P				
TORD	LR			LR	14.20	P	02.3	
TORD	comp=2.40nm, 18.2s, baz=280, slow=35			LR				
GERES	GERESS Array B	45.08	50	P	14.03	P	08.0	-0.8
GERES	0.3nm, 0.6s, baz=263, slow=5.9, SNR=2.4			P				
NOA	NORSAR Array B	54.74	33	LR	14.19	P	20.0	
NOA	comp=2.13nm, 18.5s, baz=65, slow=32			LR				
H10N2	ASCENSION HYDR46	26	141	T	14.52	P	44.1	
H10N2	baz=328, slow=75, SNR=60			T				
H10N1	ASCENSION HYDR46	26	141	T	14.52	P	45.4	
H10N1	baz=328, slow=75, SNR=73			T				
H10S3	ASCENSION HYDR47	11	142	T	14.53	P	60.0	
H10S3	baz=327, slow=74, SNR=65			T				
H10S2	ASCENSION HYDR47	12	142	T	14.54	P	01.3	
H10S2	baz=253, slow=74, SNR=23			T				
PDAR	Pinedale Array	54.49	303	P	14.04	P	20.5	-0.2
PDAR	1.2nm, 0.8s, baz=78, slow=8.4, SNR=8.3			P				
PDAR	LR			LR	14.26	P	35.4	
PDAR	comp=2.77nm, 18.9s, baz=100, slow=35			LR				
AKASG	Malin Array Be	55.04	47	P	14.04	P	25.2	+0.9
AKASG	comp=2.50nm, 21.0s, baz=70, slow=6.0, SNR=2.2			P				
YKA	Yellowknife Arr	55.50	327	LR	14.27	P	09.6	
YKA	comp=2.53nm, 21.0s, baz=62, slow=35			LR				
NVAR	Mina Array Bea	62.02	300	P	14.45	P	13.6	+0.1
NVAR	0.1nm, 0.3s, baz=70, slow=6.0, SNR=2.2			P				
NVAR	LR			LR	14.32	P	00.2	
NVAR	comp=2.68nm, 18.1s, baz=128, slow=36			LR				
ILAR	Eielson Array	68.32	340	P	14.05	P	56.8	+0.1
ILAR	0.6nm, 1.0s, baz=54, slow=4.6, SNR=4.2			P				

18d 14:07:28.3-0.7, 15.24S:173.42W, h0km, mb3.9/10, mb1 4.1/10, mb1mx4.0/34, mbtmp3.9/10, MS3.1/6, Ms1 3.1/6, ms1mx2.9/27, Error ellipse: s-maj=34.5km s-min=18.6km az=129.0

NEIC 18 14:07:28.9-0.9, 15.11S:0.08:173.17W:0.1, h10km, 1km, mb4.7/13, Error ellipse: s-maj=17.0km s-min=12.4km az=300.0

18d 14:07:29.0-0.6, 15.20S:173.1W:0.1, h10km, n44, 0.177/29, mb4.4/16, MS3.2/6, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
AFI	Afiatamalu	1.77	49	Pn	14.07	P	59.6	-0.2
AFI	59nm, 0.3s, baz=207, slow=3.8, SNR=5.4			Pn				
AFI	255nm, 0.3s, baz=77, slow=21, SNR=1.1			Pn	14.08	P	17.4	-5.1
AFI	comp=2.113nm, 20.4s, baz=262, slow=26			LR	14.08	P	22.4	
NIUE	Niue	5.01	143	Pn	14.08	P	44.0	-0.3
KNTN	Kanton	12.32	7	Pn	14.10	P	24.3	-0.3
PAE	Paea	22.75	100	eT	14.35	P	42.3	
PAE	1.4nm, 0.2s			eT				
PPT2	Papeete2	22.75	100	eLR	14.18	P	02.0	
PPT2	comp=2.78nm, 24.5s			eLR				
PPT2	1.5nm, 0.2s			eT	14.35	P	43.7	
TBI	Tubuaiti	23.80	114	eT	14.37	P	02.5	
TBI	5.0nm, 0.3s			eT				
URZ	Urewera	25.63	199	P	14.12	P	49.0	-0.7
URZ	4.4nm, 0.4s, baz=333, slow=9.0, SNR=12			P				
BKZ	Black Stump Fm	24.65	139	P	14.12	P	57.7	-1.2
BKZ	comp=2.58nm, 20.5s, baz=24, slow=32			LR	14.21	P	40.5	
HNR	Honiara	26.88	279	LR	14.21	P	40.5	
HNR	comp=2.58nm, 20.5s, baz=24, slow=32			LR				
ARMA	Armidale	35.81	239	P	14.14	P	26.5	-1.6
ARMA	baz=140, slow=76, SNR=1.1			P				
H1S2	WAKE ISLAND HY	38.83	329	T	14.56	P	25.2	
H1S2	baz=149, slow=76, SNR=1.5			T				
H1S3	WAKE ISLAND HY	38.84	329	T	14.56	P	28.3	
H1S3	baz=149, slow=76, SNR=1.5			T				
H1S1	WAKE ISLAND HY	38.85	329	T	14.56	P	19.5	
H1S1	baz=149, slow=76, SNR=1.5			T				
H1N3	WAKE ISLAND HY	39.77	330	T	14.57	P	46.2	
H1N3	baz=150, slow=76, SNR=22			T				
H1N1	WAKE ISLAND HY	39.78	330	T	14.57	P	32.4	
H1N1	baz=150, slow=76, SNR=17			T				
H1N2	WAKE ISLAND HY	39.79	330	T	14.57	P	47.5	
H1N2	baz=150, slow=76, SNR=14			T				
STKA	Stephens Creek	44.40	240	P	14.15	P	39.2	-0.9
STKA	0.9nm, 0.5s, baz=100, slow=12, SNR=4.5			P				
STKA	Stephens Creek	44.40	240	Iamb	14.15	P	44.6	
STKA	comp=2.2nm, 1.4s			Iamb				
WR0	Warramunga Arr	49.96	256	P	14.16	P	22.4	-1.3
WR0	comp=2.31nm, 2.0s			P				
WB0	Warramunga Arr	50.11	257	P	14.16	P	23.4	-1.4
WB0	comp=2.6nm, 1.1s			P				
WB2	Warramunga Arr	50.14	256	P	14.16	P	23.6	-1.4
WB2	comp=2.16nm, 1.6s			P				
WRA	Warramunga Arr	50.15	256	P	14.16	P	23.2	-1.9
WRA	comp=2.0.8nm, 0.5s, baz=94, slow=6.7, SNR=27			P				
WRA	Warramunga Arr	50.15	256	P	14.16	P	23.5	-1.6
AS31	Alice Springs	50.44	252	P	14.16	P	25.7	-1.6
ASAR	Alice Springs	50.44	252	P	14.16	P	25.0	-0.3
ASAR	comp=2.2.4nm, 0.6s, baz=86, slow=7.9, SNR=50			P				
ASAR	Alice Springs	50.44	252	P	14.16	P	25.3	-1.9
SBA	Scott Base	63.97	185	Iamb	14.17	P	59.3	-0.1
SBA	comp=2.8.6nm, 1.4s			Iamb				
VNDA	Vanda	63.70	186	P	14.17	P	59.5	-0.7
VNDA	comp=2.0.8nm, 0.5s, baz=27, slow=4.5, SNR=8.4			P				
VNDA	Vanda	63.70	186	Iamb	14.17	P	59.1	-1.1
VNDA	comp=2.13nm, 1.9s			Iamb				
MJAR	Matsushiro Arr	68.87	320	LR	14.43	P	18.4	
MJAR	comp=2.20nm, 21.7s, baz=105, slow=31			LR				
PETK	Petrogavilek	72.42	342	LR	14.47	P	17.7	
PETK	comp=2.15nm, 20.6s, baz=19, slow=33			LR				
NVAR	Mina Array Bea	73.94	42	P	14.19	P	08.1	+3.2
NVAR	comp=2.0.4nm, 0.6s, baz=222, slow=7.9, SNR=2.5			P				
NVAR	Mina Array Bea	73.94	42	P	14.19	P	04.9	0.0
QSPA	South Pole Qui	74.95	180	P	14.19	P	11.5	+1.3
QSPA	comp=2.6.3nm, 0.9s			P				
KSR5	Korea Array	76.11	315	LR	14.52	P	10.9	
KSR5	comp=2.5.1nm, 18.1s, baz=130, slow=35			LR				
N19K	Bonanza Creek	77.11	9	P	14.19	P	23.7	+1.3
N19K	comp=2.11nm, 1.3s			P				
TXAR	Lajitas Array	80.24	56	P	14.19	P	42.5	+2.1
TXAR	comp=2.0.3nm, 1.0s, baz=120, slow=5.1, SNR=2.0			P				
PDAR	Pinedale Array	81.88	42	P	14.19	P	50.9	+1.9
PDAR	comp=2.0.3nm, 1.0s, baz=120, slow=5.1, SNR=2.0			P				

comp=2.0.1nm, 0.4s, baz=230, slow=4.2, SNR=1.6

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
ILAR	Eielson Array	82.10	11	P	14.19	P	50.7	+1.4
ILAR	comp=2.0.4nm, 0.6s, baz=225, slow=5.2, SNR=6.3			P				
MAW	Mawson	88.16	199	P	14.20	P	20.5	+0.7
MAW	comp=2.8nm, 0.4s, baz=154, slow=4.4, SNR=4.6			P				
YKA	Yellowknife Arr	89.72	23	LR	14.56	P	16.7	
YKA	comp=2.22nm, 19.1s, baz=0.0, slow=33			LR				
GERES	GERESS Array B	145.88	336	PKPbc	14.27	P	10.2	+1.0
GERES	comp=2.0.3nm, 0.6s, baz=229, slow=5.9, SNR=4.4			PKPbc				
BRTR	Resolute Array B	146.07	321	PKPbc	14.27	P	11.2	+0.8
BRTR	comp=2.2.5nm, 0.8s, baz=91, slow=2.3, SNR=1.2			PKPbc				

18d 14:41:40.4-0.8, 32.88S:178.89W, h0km, mb4.3/7, mb1 4.4/7, mb1mx4.1/32, mbtmp4.3/7, MS3.4/7, Ms1 3.4/7, ms1mx3.1/33, Error ellipse: s-maj=27.4km s-min=25.5km az=101.0

NEIC 18 14:41:42.5-1.2, 33

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MK31, MKAR, MKAP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like Kodiak Island, Old Harbor, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PMR, KNK, L19K, etc.

NEIC 18 15:30:41.4e.1.5, 57.82N, 0.03:153.47W, 0.05, h52km, 5km, Error ellipse: s-maj=4.8km s-min=4.0km az=202.0, ID 18 15:30:42.4e.5.6, 57.81N, 0.03:153.47W, 0.05, h46km, 4km, Error ellipse: s-maj=5.0km s-min=4.1km az=223.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCRK, L27K, BC03, etc.

NEIC 18 15:31:50.2, 18.1S, 0.1x178.5W, 0.1, h521km, 9km, mb4.3/17, Error ellipse: s-maj=21.9km s-min=17.8km az=136.0

IDC 18 15:31:54.1, 1.1, 32.96Sx178.64W, h570km, mb3.1/7, mb1.3/3.8, mb1mx2.9/4.8, mbtmp4.0/6, Error ellipse: s-maj=27.2km s-min=19.0km az=139.0

ISC 18 15:31:54.0, 0.8, 18.0S, 0.1x178.7W, 0.1, h579km, n38, e1504/40, mb4.0/15, Fijil Islands region

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

comp=Z,0.8nm,0.5s,baz=22,slow=3.2,SNR=11

IDC 18 15:33:51.1, 1.9, 32.96Sx177.91W, h0km, mb4.2/4, mb1.4/3.5, mb1mx3.8/4.5, mbtmp4.1/5, ML3.2/1, Error ellipse: s-maj=56.7km s-min=35.9km az=146.0

NEIC 18 15:33:53.2, 1.3, 33.6S, 0.2x177.9W, 0.2, h10km, 1km, mb4.4/10, Error ellipse: s-maj=25.7km s-min=24.7km az=34.0

ISC 18 15:33:55.7, 0.8, 33.2S, 0.1x177.9W, 0.1, h34km, n24, e1501/23, mb4.3/8, South of Kermadec Islands

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

IDC 18 15:35:57.8, 1.7, 32.96Sx178.01W, h0km, mb4.2/3, mb1.4/3.4, mb1mx3.8/4.4, mbtmp4.1/4, Error ellipse: s-maj=57.0km s-min=36.4km az=150.0

ISC 18 15:36:02.5, 1.6, 33.1S, 0.2x177.9W, 0.3, h34km, n8, e083/11, mb4.3/3, South of Kermadec Islands

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

IDC 18 15:40:23.8, 5.5, 30.72Sx179.00E, h552km, 62km, mb3.1/3, mb1.3/4.4, mb1mx2.9/4.3, mbtmp4.3/4, Error ellipse: s-maj=96.1km s-min=27.7km az=17.0

NEIC 18 15:40:24.3, 0.6, 30.8S, 0.2x179.0E, 0.2, h548km, 7km, mb4.2/10, Error ellipse: s-maj=31.6km s-min=21.3km az=133.0

ISC 18 15:40:22.4, 0.7, 30.67Sx179.3E, 0.1, h550km, n48, e1866/57, mb4.1/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLKZ, RAO, GRZ, etc.

comp=Z,6.6nm,1.4s

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

OMAN 18 15:47:09.0, 3.2, 28.04Nx53.13E, h144km, 8km, mb4.6/8, mb3.9/4, Error ellipse: s-maj=64.1km s-min=10.9km az=332.0

IDC 18 15:47:14.5, 1.1, 27.36Nx53.55E, h0km, mb3.7/14, mb1.3/8/15, mb1mx3.6/5.3, mbtmp3.7/15, ML3.6/1, MS2.9/4, MS1.2/9/4, ms1mx2.5/5/4, Error ellipse: s-maj=22.5km s-min=19.4km az=147.0

THR 18 15:47:15.7, 0.5, 27.30Nx53.59E, h14km, 8km, ML3.7, TEH 18 15:47:17.2, 27.34Nx53.62E, h24km, ML3.7

DSN 18 15:47:20.6, 2.5, 27.29Nx53.78E, h20km, ML3.3/10, Error ellipse: s-maj=29.8km s-min=12.5km az=173.0

ISC 18 15:47:17.1, 0.6, 27.35N, 0.04x53.60E, 0.04, h16km, n95, e194/98, mb3.7/14, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LMD1, LAR, JHRM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HPAH Hawaii Prepara, CMSA Cobar Meteorol, KIP Kipapa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOEI Soe, SOEI Soe, JCJ Chichijima, SANI Sanana, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRBI Singaraja, BKB Balikpapan, AKUT Akutan, etc.

18d 16h

2015 OCT

760

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like Mount Wilson, KMRM, BAR, JCC, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like RRX Edison Barstow, RRX Trinity Center, N02D, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like RYN, 113A Mohawk Valley, NVAR, etc.

761

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Tucson, Big Mountain, Rainier, Lebam, Korea Array, etc.

2015 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Longmire, Slope Mountain, Bradley Lake, Wupatki, etc.

18d 16h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Cookes Peak, Blue Mountains, Camas Ranch, etc.

18d 16h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Palmer, Farewell, AK, Gornyy, etc.

2015 OCT

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Barren Site, Toone Canyon, Telida, etc.

762

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Newport, Paradox Valley, Kul dur, etc.

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, Azimuth, Elevation, etc.).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, Azimuth, Elevation, etc.).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, Azimuth, Elevation, etc.).

VRAC	comp-Z,112nm,1.1s,baz=8.5,slow=3.5,SNR=109	146.15 348	ePKP	PKPbc	16 38 15.4 +0.3
MANZ	Manzenberg	146.15 354	ePKPbc	PKPbc	16 38 15.3 +0.1
VR	Vriocinia	146.16 335	↑P	PKPbc	16 38 15.4 +0.1
VRI	Vriocinia	146.16 335	↑P	PKPab	16 38 15.7 +0.3
VRI	Vriocinia	146.16 335	↑PKP2	PKPbc	16 38 15.4 +0.1
TNS	Taunus Mts	146.16 358	ePKPbc	PKPbc	16 38 15.2 0.0
PLOR	Plostina	146.20 335	↑P	PKPab	16 38 16.0 -0.1
PLOR	Plostina	146.20 335	↑PKP2	PKPbc	16 38 16.2 +0.7
PBCC	Pribram	146.22 352	ePKP	PKPbc	16 38 15.3 0.0
TPGR	Topolog	146.22 332	↑P	PKPab	16 38 16.8 +0.6
RCHS	Rochefort	146.23 2	dPKP	PKPab	16 38 15.8 -0.2
DOU	Dourbes	146.27 3	dx	x	16 41 48.1
OZUR	Velka Javorina	146.35 336	↑P	PKPab	16 38 17.1 +0.4
JAVC	Rotzenmuhl	146.36 347	ePKP	PKPab	16 38 17.0 +0.3
ROZ	Rotzenmuhl	146.36 354	ePKPbc	PKPbc	16 38 16.0 +0.3
TREC	Trest	146.36 350	ePKP2	PKPbc	16 38 16.1 +0.3
TREC	Trest	146.36 350	ePKP	PKPbc	16 38 16.1 +0.3
TREC	Trest	146.36 350	AMS	AMS	17 47 40.0
COVR	Voineasa-Covas	146.39 335	↑P	PKPbc	16 38 16.1 +0.1
BISRR	Bisoca	146.42 334	↑P	PKPab	16 38 17.2 +0.2
MUC	Moravsky	146.42 349	ePKP	PKPbc	16 38 17.0 +0.1
VYHS	Vyhne	146.43 345	ePKP2	PKPab	16 38 16.5 -0.4
VYHS	Vyhne	146.43 345	ePKP	PKPab	16 38 16.5 -0.4
GRER	Grabenberg	146.43 334	↑P	PKPab	16 38 18.0 +0.9
KOLL	Kolacno	146.46 346	ePKP	PKPab	16 38 17.7 +0.7
MESR	Mesesen	146.47 340	↑P	PKPbc	16 38 16.6 +0.4
MLB	Miltenberg	146.47 357	ePKPbc	PKPbc	16 38 16.4 +0.1
GRA1	Grabenberg Arr	146.53 355	PKPdf	IAMS_20	16 38 14.2 -0.7
GRA1	Grabenberg Arr	146.53 355	IAMS_20	IAMS_20	17 47 12.0
GRF	Grabenberg Arr	146.53 355	PKIKP	PKPdf	16 38 14.2 -0.7
GRF	Grabenberg Arr	146.53 355	MLR	MLR	16 38 16.8 -0.4
GRF	Grabenberg Arr	146.53 355	ePKPbc	PKPab	16 38 16.8 -0.4
GRF	Grabenberg Arr	146.53 355	eL	L	17 47 21.9
GRFO	Grabenberg	146.53 355	PKP2	PKPbc	16 38 16.1 -0.1
GRFO	Grabenberg	146.53 355	MLR	MLR	16 38 16.1 -0.1
GRFO	Grabenberg	146.53 355	IAMS_20	IAMS_20	17 47 21.1
GRFO	Grabenberg	146.53 355	PKPbc	PKPbc	16 38 16.1 -0.1
TIRR	Tirgusor	146.53 331	↑P	PKPab	16 38 17.6 +0.2
TIRR	Tirgusor	146.53 331	PKP2	PKPbc	16 38 15.8 -0.6
TIRR	Tirgusor	146.53 331	MLR	MLR	16 38 15.8 -0.6
TIRR	Tirgusor	146.53 331	PKPbc	PKPbc	16 38 15.8 -0.6
TEND	Ethiopian Broa	146.54 267	eP	PKPbc	16 38 19.4 -0.9
HARR	Harsova	146.57 332	↑P	PKPab	16 38 17.3 -0.2
HARR	Harsova	146.57 332	↑PKP2	PKPab	16 38 17.3 -0.2
CBRR	Cluj-Babes-Belo	146.60 339	↑P	PKPab	16 38 18.2 +0.6
DOPR	Dopca	146.61 336	↑P	PKPbc	16 38 16.9 +0.3
CJR	Cluj-Napoca	146.63 339	↑P	PKPbc	16 38 16.3 -0.4
CJR	Cluj-Napoca	146.63 339	↑PKP2	PKPbc	16 38 16.3 -0.4
TLBR	Topali	146.63 332	↑P	PKPbc	16 38 17.1 +0.4
NEHR	Neohiu	146.69 335	↑P	PKPbc	16 38 16.8 -0.2
PSZ	Piszkesteto	146.70 344	↑P	PKPab	16 38 17.6 -0.4
PSZ	Piszkesteto	146.70 344	PKIKP	PKPdf	16 38 15.9 +0.6
PSZ	Piszkesteto	146.70 344	MLR	MLR	16 38 15.9 +0.6
PSZ	Piszkesteto	146.70 344	PKPbc	PKPbc	16 38 15.9 +0.6
PSZ	Piszkesteto	146.70 344	IAMS_20	IAMS_20	17 46 22.9
SMOL	Smolence	146.74 347	ePKP2	PKPab	16 38 18.0 -0.1
SMOL	Smolence	146.74 347	ePKP	PKPab	16 38 18.0 -0.1
WLF	Walferdange	146.74 1	dPKP	PKPab	16 38 17.5 -0.5
WLF	Walferdange	146.74 1	dx	x	16 38 31.7
WLF	Walferdange	146.74 1	PKIKP	PKPbc	16 38 16.2 -0.7
WLF	Walferdange	146.74 1	MLR	MLR	16 38 16.2 -0.7
WLF	Walferdange	146.74 1	PKPbc	PKPbc	16 38 16.2 -0.7
WLF	Walferdange	146.74 1	ePKPbc	PKPab	16 38 17.5 -0.5
MFR	Murfatlar	146.75 331	↑P	PKPab	16 38 18.4 +0.2
MLR	Muntele Rosu	146.78 326	PKPbc	PKPbc	16 38 18.0 +0.1
MLR	Muntele Rosu	146.78 335	PKPbc	PKPbc	16 38 16.1 +0.5
MLR	Muntele Rosu	146.78 335	MLR	MLR	16 38 16.1 +0.5
MLR	Muntele Rosu	146.78 335	IAMS_20	IAMS_20	17 42 10.3
MLR	Muntele Rosu	146.78 335	PKPdf	PKPbc	16 38 15.7 +0.3
KHC	Kasperske Hory	146.82 352	ePKIKP	PKPbc	16 38 18.5 +0.3
KHC	Kasperske Hory	146.82 352	e	e	16 38 18.5
KHC	Kasperske Hory	146.82 352	MLR	MLR	16 38 23.3
KHC	Kasperske Hory	146.82 352	PKPbc	PKPbc	16 38 15.7 +0.3
KHC	Kasperske Hory	146.82 352	ePKP	PKPab	16 38 18.5 +0.3
KHC	Kasperske Hory	146.82 352	AMS	AMS	17 47 40.0
ISR	Istria	146.84 334	↑P	PKPbc	16 38 17.0 -0.4
ISR	Istria	146.84 334	↑PKP2	PKPbc	16 38 17.0 -0.4
MDB	Medias	146.84 337	↑P	PKPab	16 38 18.8 +0.2
MDB	Medias	146.84 337	↑PKP2	PKPab	16 38 18.8 +0.2
DRGR	Dravarsbach	146.87 340	PKPbc	PKPbc	16 38 15.5 -0.1
DRGR	Dravarsbach	146.87 340	PKIKP	PKPbc	16 38 15.5 -0.1
WET	Wetzell	146.89 353	ePKPbc	PKPbc	16 38 17.9 +0.5
MODS	Modra-Piesok	146.90 347	ePKIKP	PKPbc	16 38 16.4 +0.9
MODS	Modra-Piesok	146.90 347	ePKP	PKPbc	16 38 16.4 +0.9
AMRR	Amara	146.90 333	↑P	PKPab	16 38 19.1 +0.3
AMRR	Amara	146.90 333	↑PKP2	PKPab	16 38 19.1 +0.3
MANR	Mangalia	146.94 330	↑P	PKPbc	16 38 17.1 -0.5
BR131	Keskin Array S	146.99 320	ePKIKP	PKPbc	16 38 16.4 +0.3
BR131	Keskin Array S	146.99 320	PKPbc	PKPbc	16 38 16.4 +0.3
BR131	Keskin Array S	146.99 320	PKPbc	PKPbc	16 38 18.6 +0.4
BRTR	Keskin Array B	146.99 320	PKIKP	PKPbc	16 38 16.5 +0.3
BRTR	Keskin Array B	146.99 320	PKPbc	PKPbc	16 38 16.5 +0.3
CKRC	Cesky Krumlov	147.01 351	ePKP	x	16 38 26.1
CEC	GERESS Array S	147.08 352	ePKP	PKPbc	16 38 16.4 +0.6
CEC	GERESS Array S	147.08 352	ePKPbc	PKPbc	16 38 18.1 +0.1
GERES	GERESS Array B	147.08 352	PKPbc	PKPbc	16 38 17.9 -0.1
GERES	GERESS Array B	147.08 352	PKPbc	PKPbc	16 38 16.5 +0.6
GERES	GERESS Array B	147.08 352	PKIKP	PKPbc	16 38 16.5 +0.6
ICOR	Ion Corvin	147.08 332	↑P	PKPbc	16 38 17.8 -0.2
SECR	ZST	147.10 334	↑P	PKPbc	16 38 18.0 -0.1
ZST	Bratislava	147.11 347	PKPbc	PKPbc	16 38 18.6 +0.7
ZST	Bratislava	147.11 347	ePKP	PKPbc	16 38 18.6 +0.7
BSZH	Bešenyszig	147.16 343	↑P	PKPbc	16 38 17.7 -0.4
VOIR	Voiron	147.18 336	↑P	PKPab	16 38 19.3 +0.7
VOIR	Voiron	147.18 336	PKP2	PKPab	16 38 19.3 +0.7
SRO	Srobarova	147.19 346	ePKP2	PKPab	16 38 18.4 +0.4
SRO	Srobarova	147.19 346	ePKP	PKPbc	16 38 18.8 +0.5
SRO	Srobarova	147.22 345	ePKP2	PKPbc	16 38 18.8 +0.5
SRO	Srobarova	147.22 345	ePKP	PKPbc	16 38 18.8 +0.5
LEHL	Lehlu	147.24 333	↑P	PKPbc	16 38 18.1 -0.3
ANKE	Ethiopia-Afar	147.24 262	eP	PKPbc	16 38 19.8 0.0
KLZE	Karadeniz Ereos	147.26 334	↑P	PKPbc	16 38 18.5 +0.1
SULR	Sulz	147.31 334	↑P	PKPbc	16 38 18.9 +0.3
KALB	Balgarevo	147.33 330	↑P	PKPab	16 38 20.3 -0.2
MTUR	Matau	147.35 336	↑P	PKPbc	16 38 19.6 +0.8
MTUR	Matau	147.35 336	PKP2	PKPbc	16 38 19.6 +0.8
ANTO	Antark	147.40 336	↑P	PKPab	16 38 21.0 +0.2
ANTO	Antark	147.41 321	PKIKP	MLR	16 38 17.4 +0.7
ANTO	Antark	147.41 321	PKPbc	PKPbc	16 38 17.4 +0.7
ANTO	Antark	147.41 321	IAMS_20	IAMS_20	17 57 04.9
BR231	Keskin MP Arra	147.44 321	PKPbc	PKPbc	16 38 17.8 +0.9
QUIF	Quintin	147.44 12	ePKP2	PKPbc	16 38 19.6 +0.7
QUIF	Quintin	147.44 12	AMS	AMS	16 38 19.6 +0.7
STU	Stuttgart	147.58 357	PKIKP	PKPbc	16 38 17.7 +1.1
STU	Stuttgart	147.58 357	MLR	MLR	16 38 17.7 +1.1

STU	comp-Z,5um,20.0s	147.58 357	PKPbc	PKPbc	16 38 17.7 +1.1
STU	Stuttgart	147.58 357	IAMS_20	IAMS_20	17 42 27.9
STU	Stuttgart	147.58 357	ePKPbc	PKPbc	16 38 19.3 +0.1
DEV	Deva	147.59 339	↑P	PKPab	16 38 20.7 -0.8
DEV	Deva	147.59 339	↑PKP2	PKPbc	16 38 20.7 -0.8
DONA	Conrad Observa	147.61 349	↑P	PKPbc	16 38 17.7 +0.9
DILA	Dilla	147.65 256	eP	PKPbc	16 38 20.3 -0.4
LOTT	Lotru	147.66 337	↑P	PKPbc	16 38 19.3 -0.4
SIRR	Siria	147.67 341	↑P	PKPbc	16 38 18.1 +1.2
DESE	Dese	147.71 265	eP	PKPbc	16 38 20.6 -0.4
SGRR	Sagrafani	147.73 324	↑P	PKPbc	16 38 20.4 +0.2
AMHB	Ambrun	147.89 342	↑P	PKIKP	16 38 22.0 +0.1
MUDR	Mudurnu	147.96 324	↑P	PKPbc	16 38 18.6 +0.9
HUMH	Humele	147.96 335	↑P	PKPbc	16 38 19.0 -1.4
MOA	Molin	147.97 350	↑P	PKPbc	16 38 18.0 +0.7
CDP	Champ du Feu	148.00 359	ePKIKP	PKPbc	16 38 19.7 -0.8
CDP	Champ du Feu	148.00 359	AMS	AMS	16 38 19.7 -0.8
AAE	Adis Abeba	148.01 261	eP	PKPbc	16 38 21.1 -0.8
FUR	Furstenfeldbrunn	148.03 354	ePKPbc	PKPbc	16 38 20.7 -0.2
FUR	Furstenfeldbrunn	148.03 354	IAMS_20	IAMS_20	17 40 00.7
FURI	Furi	148.06 261	IAMS_20	IAMS_20	16 38 21.8 -0.2
FURI	Furi	148.06 261	eP	PKPbc	16 38 21.8 -0.2
BFB	Black Forest	148.06 358	PKHKP	MLR	16 38 16.8
BFO	Black Forest	148.06 358	MLR	MLR	16 38 16.8
BFO	Black Forest	148.06 358	PKPbc	PKPbc	16 38 16.8 -0.7
BFO	Black Forest	148.06 358	IAMS_20	IAMS_20	17 42 12.5
BFO	Black Forest	148.06 358	ePKPbc	PKPbc	16 38 20.7 +0.1
GZR	Gura Zlata	148.06 338	↑P	PKPbc	16 38 19.8 -1.0
GZR	Gura Zlata	148.06 338	↑PKP	PKPbc	16 38 19.8 -1.0
ASCN	Ascension	148.07 137	PKPbc	PKPbc	16 38 19.4 +1.1
ASCN	Ascension	148.07 137	IAMS_20	IAMS_20	17 48 42.8
RAZG	Razgrad	148.09 332	↑P	PKIKP	16 38 21.9 -0.7
COPA	Copaceana	148.19 334	↑P	PKPbc	16 38 20.8 -0.2
ECH	Echery	148.19 360	PKP2	PKPbc	16 38 20.7 -0.7
ECH	Echery	148.19 360	PKPbc	PKPbc	16 38 20.8 -0.2
ECH	Echery	148.19 360	PKPbc	PKPbc	16 38 20.8 -0.2
ECH	Echery	148.19 360	IAMS_20	IAMS_20	17 43 31.2
BZS	Buzias	148.26 340	↑P	PKPbc	16 38 21.2 0.0
BZS	Buzias	148.26 340	↑PKP2	PKPbc	16 38 21.2 0.0
RJOB	Jochberg	148.29 352	ePKPbc	PKPbc	16 38 19.8 -1.5
HWQ	Hawqa	148.32 310	↑P	PKPbc	16 38 19.2 +0.5
ARSA	Arzberg	148.33 349	↑P	PKPbc	16 38 18.4 +0.8
HAU	Haudompre	148.41 1	ePKP2	PKPbc	16 38 21.7 +0.2
HAU	Haudompre	148.41 1	AMS	AMS	16 38 21.7 +0.2
ASF	Jabal al Asfar	148.49 306	PKPbc	PKIKP	16 38 23.3 -0.6
ZIMR	Zimmer	148.52 334	↑P	PKIKP	16 38 23.0 -0.5
ZIMR	Zimmer	148.52 334	PKP2	PKPbc	16 38 23.0 -0.5
SRE	Strehaia	148.54 337	↑P	PKIKP	16 38 23.4 -0.1
SRE	Strehaia	148.54 337	PKP2	PKPbc	16 38 23.4 -0.1
MORH	Mrgy, Hungary	148.60 344	↑P	PKIKP	16 38 22.8 -0.7
MORH	Mrgy, Hungary	148.60 344	PKPbc	PKPbc	16 38 19.0 +0.6
URH	Ueberuhr	148.61 356	ePKPbc	PKPbc	16 38 22.1 -0.1
BANR	Banr	148.63 3			

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2015 OCT

Main table containing station data for October 2015, including station names, coordinates, and technical specifications.

18d 17h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 18d 17h region.

18d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PPT2, TBI, URZ, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KVON, H04A, USRK, etc.

772

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DOPR, PSZ, WLF, etc.

MAN 18:08:02.9, 10:27N, 127:33E, h32km, mb4.8, ML3.6, W3.9
NEIC 18:08:06.8, 8:1.8, 10:22N, 0:1:127:2E, 0.2, h45km, 7km, mb4.6/1.0, Error ellipse: s-maj=30.9km s-min=12.2km az=71.0
IDC 18:18:08.0, 0.2, 5, 10:14N, 127:33E, h55km, mb3.7/1.6, mb1.3/8.1, mb1mx3.8/4.0, mbmp4.0/1.8, ML4.8/3, MS3.0/1, Ms1.3/0.1, ms1mx2.5/4.1, Error ellipse: s-maj=21.1km s-min=12.1km az=85.0
ISC 18:18:08:05.8, 0.5, 10:23N, 0:05:127:25E, 0:07, h35km, n48, @128D:59, mb3.9/1.9, 4C-3D, Philippine Islands region
Code Station Name Az AzZ Phase ID Time Res

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like DAV Davao City (W), DMPH Davao City-Mi, KCP Kidapawan, etc.

1DC 18:17:23.40±0.16; 08S±173.47W, h0km, mb4.5/15, mb1.4/6/16, mb1mx4.5/30, mbtmp4, 4/16, ML3.9/1, MS4.5/15, Ms1.4/5/15, ms1mx4.1/38, Error ellipse: s-maj=23.5km s-min=14.5km az=131.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like AFI Afimalu, AFI 117nm, NIUE Niue, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like VAH Vaihoo, TAOE Nuku Hiva Isla, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like H04A Detroit Lake, R11A Troy Canyon, I05D Terrebonne, etc.

Table with columns: STA, Name, Az, El, P, S, Sn, Time, Res, ISC. Includes stations like Palaochora Ch, Zakros, and Antikythira Is.

IDC 18 18:32:29.3,0.4,5.13S:153.01E,h0km,mb4.7/30, mb1.4,7/3,mb1mx4.6/49,mbtmp4.7/33,ML3.7/3,MS4.4/3, Ms1.4/3,ms1mx3.7/27,Error ellipse: s-maj=15.3km s-min=10.6km az=94.0

NEIC 18 18:32:35.1,1.9,5.13S:0.08E:153.1E:0.1,h41km,7km, mb4.8/26,Error ellipse: s-maj=15.2km s-min=11.6km az=86.0

DJA 18 18:32:36.1,0.5,5.3S:1.23E,h47km,6km,Ms.0/19, mb5.2/4,mb4.8/19,MLV5.1/2,Mw(mb)4.6/4

ISC 18 18:32:35.0,0.3,5.17S:0.05E:153.02E:0.06,h43km,n153, c097/156,mb4.8/60,MS4.6/3,3D,New Ireland region

Main station list table for the left column, containing station names, coordinates, and various parameters.

Main station list table for the middle column, containing station names, coordinates, and various parameters.

Table with columns: STA, Name, Az, El, P, S, Sn, Time, Res, ISC. Includes stations like Wattenberg, Moosalm, and WLF Waferdange.

INET 18 18:33:23.8,13.00N:87.28W,h20km,ML3.6,Honduras

GUC 18 18:48:51.5,0.7,19.46S:69.31W,h108km,3km,ML4.2, IDC 18 18:48:52.5,1.3,19.50S:69.26W,h122km,11km,mb4.0/4, mb1.3/9,mb1mx3.5/26,mbtmp4.3/6,Error ellipse: s-maj=29.8km s-min=9.1km az=96.0

VAO 18 18:48:52.0,0.7,19.43S:69.05W,h113km,5km,mb4.4, ISC 18 18:48:50.6,0.7,19.51S:0.04E:69.38W:0.07,h115km,7km, n44,c150/59,mb4.0/4,11C-2D,Northern Chile

Main station list table for the right column, containing station names, coordinates, and various parameters.

Table with columns: DURS, Dursunbey, 3.93 118, i/P, Pn, 19 34 19.6 +1.4, etc.

BGR 18 19:36:33.0, 2.0, 23:63S; 179:21'W, h33km
IDC 18 19:37:30.5, 1.2, 23:36S; 179:83'W, h53km, 11km,
mb4.0/16, mb1+3, mb1mx3.7/36, mb1mp4.8/19, Error
ellipse: s-maj=13.9km s-min=12.6km az=158.0

NEIC 18 19:37:31.1, 1.7, 23:55.0; 1:179.8W, 0.1, h523km, 11km,
mb4.4/28, Error ellipse: s-maj=21.2km s-min=17.7km
az=172.0

NOU 18 19:37:32.6, 2.3:53S; 179:88'W, h534km, mb4.5/21, South
of Fiji Islands

ISC 18 19:37:31.1, 0.4, 23:53S; 0:07:179:87'W, 0:07, h532km,
n114, c1934/123, mb4.4/33, 6C-2D, South of Fiji Islands

Main table on the left side of the page, listing various stations and their coordinates and times.

Table in the middle section, listing stations like ILAR, ILAR, ILAR, etc., with their respective coordinates and times.

IDC 18 19:53:41.8, 3.4, 16:61S; 173:24'W, h0'km, mb3.5/3,
mb1 3.9, mb1mx3.5/45, mbtmp3.5/3, Error ellipse:
s-maj=226.0km s-min=32.8km az=149.0, Tonga Islands

Table listing stations like WRA, WRA, WRA, etc., with their coordinates and times.

IDC 18 20:51:25.6, 2.0, 57:78N; 154:33'W, h40'km, 17km, mb4.0/23,
mb1 4.1/26, mb1mx3.9/63, mbtmp4.1/26, ML3.9/3, MS3.1/2,
Ms1.3/1.2, ms1mx2.5/32, Error ellipse: s-maj=23.7km
s-min=14.3km az=18.0

NEIC 18 20:51:26.6, 1.6, 57:61N; 0:02:154:04'W, 0:07, h63km, 7km,
Error ellipse: s-maj=5.6km s-min=2.8km az=82.0

AEIC 18 20:51:27.1, 7.57:62N; 0:03:154:06'W, 0:06, h47km, 6km,
ML3.6, ML3.7/55(NEIC), Error ellipse: s-maj=5.2km
s-min=3.2km az=61.0

Table listing stations like OHAK, OHAK, OHAK, etc., with their coordinates and times.

Main table on the right side of the page, listing stations like OPT, OPT, OPT, etc., with their coordinates and times.

Table of astronomical observations for 18d 21h, listing station names, codes, and various parameters like magnitude and position.

Table of astronomical observations for 2015 OCT, listing station names, codes, and various parameters like magnitude and position.

Table of astronomical observations for 778, listing station names, codes, and various parameters like magnitude and position.

JMA 18 20:55:05.9, 24:18N, 121:79E, h22km, 1km, M2.7
TAP 18 20:55:06.1, 24:25N, 121:80E, h17km, ML3.5, B
ISC 18 20:55:05.8, 0.8, 24:22N, 121:87E, 0.02, h13km, 6km,
n87, c070/159, 2C-16, Taiwan

IDC 18 21:13:06.1+4.1, 10:84S; 164:98E, h93km, 29km, mb3.4/6,
mb1 3.7/8, mb1mx3.5/31, mbtmp3.9/8, MS3.2/3, Ms1 3.2/3,
ms1mx2.8/13, Error ellipse: s-maj=39.2km s-min=22.3km
az=58.0

18d 23h

Table with columns: NOA, NORSAR Array B, 24.45 299, eP, P, 21 50 12.7 +0.8, etc. Lists various stations and their coordinates.

NEIC 18 22:01:34.9-1.8, 43.60N:0.04:105.25W:0.06, h0km, 2km, ML3.4/46, Error ellipse: s-maj=7.6km s-min=7.0km

IDC 18 22:01:36.2-1.0, 43.81N:105.63W, h0km, mb1 3.6/4, mb1mx3.3/46, mbtmp3.2/4, ML3.5/4, Error ellipse: s-maj=21.4km s-min=9.1km az=147.0

ISC 18 22:01:34.5-0.9, 43.56N:0.04:105.25W:0.05, h0km, n61, c110/61, Wyoming

Main table listing station names, station names, coordinates, and phases. Includes stations like Black Hills, Casper, Pilot Hill, Rawlins, LASA Array, Boulder Array, etc.

2015 OCT

Table listing stations like BGU Big Grassy Mtn, G16A Castle Valley, I10CA LAC DU BONNET, etc. with coordinates and phases.

NNC 18 22:27:05.2-3.5, 44.21N:87.66E, h0km, mb3.9, mpv3.5, az=35.0, Northern Xinjiang

Table listing stations like MK31 Makanchi Array, MK31 0.6nm,0.2s,baz=124,slow=15,SNR=176, etc.

MAN 18 22:28:57.7, 11.50N:124.48E, h10km, mb4.1, ML2.9, MS2.6, 2D, Leyte

Table listing stations like LLP Lapu-Lapu, RCP Roxas, TBP Tagbilaran, etc.

NNC 18 22:31:13.9:7.6, 38.12N:77.96E, h0km, mb4.0, mpv3.7, 1C-1D, Error ellipse: s-maj=53.5km s-min=48.6km

az=142.0, Southern Xinjiang

Table listing stations like SATY Saty, MDOK Medeo, MDOK 6.8nm,0.6s, SHLS Shalkode, etc.

NCEEDC 18 22:31:28.1-1.2, 37.79N:0.01:121.96W:0.03, h9km, 4km, Mw3.3/4, ML2.8/46(NEIC), Error ellipse: s-maj=3.2km s-min=1.5km az=76.0

NEIC 18 22:31:28.2, 37.79N:121.97W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, M0:9.1; Mw=7.22; Mw=6.31; Mw=2.26; Mw=6.55; Mw=1.77; Fault plane solution: M=9.88000e+19; NP1=157.54000; 0.8, 58000; lambda=163.18000; NP2=66.21000; 8.5, 58000; lambda=163.18000; Principal axes: T 9.0414, Plg6.0000; Azm291.0000; N 1.4975, Plg75.0000; Azm179.0000; P -10.5389, Plg14.0000; Azm23.0000;

NEIC 18 22:31:28.7-0.9, 37.78N:0.01:121.99W:0.03, h17km, 2km, Error ellipse: s-maj=3.8km s-min=1.4km az=64.0, Central California

Table listing stations like SMCB Saint Mary's C, CMCM Mills College, C055 Cottonwood Ave, BDK Black Diamond, etc.

MCCM Marconi Confer, MCCM Marconi Confer, MCCM Marconi Confer, etc.

Table listing stations like FARB Farallon Island, GHS Gilroy Hot Spr, HCOM Corn Cob Canyo, etc.

Table listing stations like EMB Emerald Bay, RUBR Rubicon Trail, MPK Martis Peak, etc.

780

Table listing stations like YERR Yerington, YERR Yerington, YERR Yerington, etc.

IDC 18 22:42:32.3-1.0, 28.32N:91.61E, h0km, mb3.5/6, mb1 3.7/8, mb1mx3.5/41, mbtmp3.5/8, ML3.5/2, MS3.0/1, Ms1 3.0/1, ms1mx2.2/45, Error ellipse: s-maj=40.6km s-min=18.8km az=57.0

Table listing stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONM Songoing, etc.

ISC 18 22:42:37.5:0.9, 28.4N:0.2:91.7E:0.2, h35km, n9, c0933/8, mb3.6/6, Xizang

Table listing stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONM Songoing, etc.

IDC 18 22:42:10.6:1.4, 19.06N:121.31E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.4/41, mbtmp3.5/6, ML3.8/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/28, Error ellipse: s-maj=65.8km s-min=23.6km az=69.0

ISC 18 22:42:16.6:0.9, 19.12N:0.1:121.1E:0.1, h39km, n16, c1934/9, mb3.4/5, 2D, Philippine Islands region

Table listing stations like SGCP Mt. Cagua, SGCP Mt. Cagua, SIPP Brgy, Tapao, etc.

IDC 18 23:01:15.4:1.2, 31.19S:72.03W, h0km, mb4.0/4, mb1 4.0/9, mb1mx3.8/37, mbtmp3.8/9, ML3.8/5, MS3.3/4, Ms1 3.3/4, ms1mx3.0/22, Error ellipse: s-maj=37.9km s-min=23.3km az=106.0

GUC 18 23:01:15.7:0.8, 31.36S:72.06W, h13km, 8km, ML4.0, NEIC 18 23:01:15.2:2.0, 31.32S:0.03:72.27W:0.04, h8km, 6km, mb4.0/5, Mw4.0/28, ML4.0(GUC), Error ellipse: s-maj=6.8km s-min=2.4km az=130.0

NEIC 18 23:01:15.2:3.1, 31.32S:72.27W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, M=0.58; Mw=0.01; Mw=0.59; Mw=0.11; Mw=0.01; Mw=1.18; Fault plane solution: M1.32000e+19; NP1=175.33000; 0.76, 95000; lambda=163.18000; NP2=66.21000; 8.5, 30000; lambda=78.91000; Principal axes: T 1.3228, Plg32.0000; Azm267.0000; N -0.0081, Plg3.0000; Azm176.0000; P -1.3147, Plg58.0000; Azm82.0000;

ISC 18 23:01:15.8:1.6, 31.31S:0.02:72.11W:0.07, h9km, 9km, n57, c1914/68, mb4.0/5, 3C-3D, Off coast of central Chile

Table listing stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

781

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Esteban, Curacav, Santo Domingo, Renca, Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sivas, Timbaki Heraki, Anovia, Herakleio, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vamos, VAMOS, VAMOS, STIA, ZKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like St. Maarten, St. Eustatius, Willy Bob, Bethesda, etc.

19d 0h

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

19d Oh

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Z38A Mt. Pleasant, FCAR Ozark Folk Cen, WHAR Woolly Hollow, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like EWUT Wuta, ENA Nanau, ETL Fush Village, etc.

2015 OCT

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like NNS Nan Shan, EGFH Guangfu, WHF Hehuan Shan, etc.

782

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like LDUT Ludao, WDLH Douli, WDLH Douli, etc.

IDC 19 00:40:05.5-0.7, 32.36N-105.05E, h0km, mb3.9/16, mb1.4/0.19, mb1mx3.9/47, mbtmp3.8/19, ML3.7/3, Error ellipse: s-maj=25.1km s-min=14.7km az=51.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, XAN Xi'an, etc.

Table with columns for station code, name, time, and status. Includes stations like JKRS Kuro-shima, WTK Tuku, JIU Ishigaki jima, etc.

Table with columns for station code, name, time, and status. Includes stations like QIZ comp=N,10um,18.6s, QIZ comp=E,6um,15.7s, INCN Inchon, etc.

Table with columns for station code, name, time, and status. Includes stations like LZH Lanzhou, MDJ Mudanjiang, MDJ Vladivostok, etc.

785

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LSA, BBKI, ZEA, ZAK, KAP, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, MTN, MAZ, PETK, etc.

19d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BSY, SHME, SMOH, etc.

19d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR, HDA, MSVF, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI, LVV, MSVF, etc.

786

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBN, PBCC, KOGS, etc.

Summary table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes entries for TAP 1912:31.0, 2491N, 122.05E, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like NTC, TIBP, NWF, ILA, TWC, NDS, TWA, NHDH, YMO1, YMO1, YMO1, NWLT, ENTT, ENTT, TWY, ENA, ENA, NDT, TWS1, YHNB, NNSB, ETL, TAP, NTC, TWB1, TIBP, TIBP, ILA, ILA, TWC, NWF, NWF, WFSB, WFSB, TWE, TWE, NDS, NDS, TWA, ENTT, EWUT, NHDH, NWLT, ENA, TATO, YAP, YMO1, NDT, NDT, YMO8, ANP, TWY, TWS1, YHNB, NTST, NNSB, NNSB, NNS, NACB, NACB, ETL, ETL, ETLH, TWD, TWD, FUSS, LIOB, SBCB, SBCB, NNTT, NNTT, TWT, TWT, TDCB, WHF.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like YOJ, CHGB, CHGB, WHP, ESL, OWD, TSWY, TSWY, TYC, SSSL, DJR, KAPS, KAPS, KAPS, KAPS, BLB, BLB, TDK, TDK, TDK, TDK, KTMS, KTMS, KTMS, PDGK, PDGK, PDGK, ARXS, ARXS, ARXS, ARXS, SHLS, SHLS, SHLS, UZB, UZB, UZB, KURS, KURS, KURS, SATY, SATY, SATY, KOTS, KOTS, KOTS, KTBS, KTBS, KTBS, KTBS, MDOK, MDOK, MDOK, KU, KU, KU, TNS, TNS, TNS, TNS, IZV, IZV, IZV, IZV, MAKZ, MAKZ, MTBS, MTBS, MTBS.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like MTBS, MK31, KST, KST, KST, TKM2, TKM2.

WEL 19 02:26:15.6 ± 1.0, 34°S, 6°E, h33km, M4.5/14, mB5.0/6, ML4.6/20, MLV4.6/14, Mw(mb)4.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=96.5, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like MXZ, GRZ, HAZ, PUZ, RUGZ, RUGZ, WGCZ, TGRZ, MWZ, CNGZ, URZ, OUZ, RAGZ, TOZ, RIGZ, SNGZ, PRGZ, RAHZ, RAHZ, MTHZ, MTHZ, WHHZ, NMHZ, BKZ, FWVZ, WHVZ, BFZ, BFZ, HOWZ, HOWZ.

IDC 19 02:26:25.7 ± 1.1, 1°96N, 126°40E, h0km, mb4.0/8, mb1.4/0.9, mb1mx3.8/44, mbtmp3.9/9, ML3.9/1, Error ellipse: s-maj=107.3km s-min=16.2km az=69.0, DJA 19 02:26:30.2 ± 0.3, 2°N, 5°E, h10km, M4.2/7, mb4.5/2, mb4.8/4, MLV4.0/7, Mw(mb)4.1/1, NEIC 19 02:26:31.2 ± 2.0, 1.87N, 0.06E, 126°25E, h0.07, h35km, 2km, mb4.0/1, Error ellipse: s-maj=12.7km s-min=9.6km az=113.0, ISC 19 02:26:27.5 ± 0.6, 1°94N, 0°07', 126°32E, 0.06, h10km, n43, e1921/38, mb4.0/12, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like TNTI, TNTI, KMSI, SANI, LUWI, APSI, TOLIZ, KNRA, FITZ, FITZ, WBO, WBO, WRA, WRA, WRA, WB2, WB2, WR0, WR0, AS31, AS31, ASAR, ASAR, ASAR, BBOO, STKA, STKA, USRK, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, SONM, SONM, MKAR, MKAR, IMAR, BRTR, FINES, FINES, TORD, TORD, TORD.

TAP 19 02:33:37.0, 24°37N, 121°99E, h10km, ML3.3, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, ISC, Time, Res, Res ISC. Includes stations like TWB1, TWB1, NTC.

Table with columns: NTC, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TIBP Shuangxi, TIBP Ilan, NWF Wu-fen Shan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NTC Toucheng, TIBP Shuangxi, ILA Ilan, etc.

Table with columns: NTC, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NTST Danshui, YHNB Yeheng, NYS Datong, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TPUB, STYH Taoyuan, WTP Ta-pu, etc.

VAO 19 02:40:58.1±0.4, 34:53S×71:37W, h10km, mb4.4

SJA 19 02:40:59.1±0.8, 34:82S×71:69W, h52km, 4km, ML4.5,

NEIC 19 02:41:00.6±1.1, 34:80S×0:03:71.67W, 0:04, h46km, 1km,

GUC 19 02:41:00.1±0.8, 34:81S×71:67W, h52km, 3km, ML4.4

IDC 19 02:41:02.6±2.8, 34:75S×71:44W, h68km, 24km, mb4.0/1.0,

Ms1 3.6/5, ms1mx3.4/27, Error ellipse: s-maj=26.3km

s-min=15.0km az=91.0

ISC 19 02:40:59.8±0.6, 34:82S×0:03:71.70W, 0:04, h45km, 6km,

n162, s161/184, mb4.6/21, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like G005 Huala, G005 Huala, BO01 Tunca, etc.

791	ILA	baz=249	S	Sb	03 15 40.9 -0.7	
TWC	Suao	baz=206	0.28 212	i P	Pg	03 15 36.8 -0.1
TWC	Wu-fen Shan	baz=320	0.31 318	i P	Pg	03 15 38.0 +0.5
NWF	Wu-fen Shan	baz=320	0.31 318	i P	Pg	03 15 37.8 +0.4
WFSB	Neicheng	baz=245	0.33 249	i P	Pg	03 15 37.8 -0.1
TWE	Dongshan	baz=229	0.34 232	i P	Pg	03 15 38.0 -0.1
NDS	Nioudou	baz=241	0.45 243	i P	Pb	03 15 40.3 -0.6
ENTT	Xindian Distri	baz=286	0.45 285	e P	Pb	03 15 40.6 -0.4
NHDH	Wulai	baz=261	0.46 262	i P	Pg	03 15 40.4 +0.1
NWLT	ENAN	baz=207	0.48 210	i P	Pb	03 15 41.4 0.0
ENA	YMO1	baz=308	0.50 307	i P	Pb	03 15 42.2 +0.5
YMO1	Datong Townshi	baz=240	0.51 242	i P	Pb	03 15 41.4 -0.5
NDT	ANP	baz=309	0.56 308	e P	Pb	03 15 42.7 -0.1
ANP	Chenhua	baz=321	0.57 319	i P	Pb	03 15 43.3 +0.4
TWY	Kuangyinshan	baz=296	0.59 296	i P	Pb	03 15 43.9 +0.5
TWS1	Danshui	baz=303	0.60 302	e P	Pb	03 15 43.8 +0.3
NTST	Yeheng	baz=252	0.60 253	i P	Pg	03 15 42.8 -0.1
YHNB	Datong	baz=233	0.70 234	i P	Pb	03 15 45.3 0.0
NNSB	Zhongli	baz=279	0.76 280	e P	Pb	03 15 46.1 0.0
NCUH	Ninganchiao	baz=208	0.77 210	i P	Pb	03 15 46.4 +0.1
NACB	Fush Village	baz=205	0.77 207	e P	Pb	03 15 46.4 0.0
ETL	Pengchaiyu	baz=6.0	0.78 4	e P	Pb	03 15 47.6 -0.2
PCYT	Chiawan	baz=204	0.85 206	i P	Pg	03 15 47.9 +0.3
TWD	FUSH	baz=228	0.92 230	e P	Pb	03 15 48.4 -0.6
FUSS	Emei	baz=257	0.92 258	e P	Pn	03 15 49.5 -0.2
LIOB	JYNG	baz=288	0.94 114	i P	Pb	03 15 48.9 -0.3
JYNG	NSTT	baz=256	0.94 257	e P	Pn	03 15 49.9 -0.1
NSTT	TWT	baz=231	0.96 232	e P	Pb	03 15 50.5 +0.1
TWT	WHF	baz=222	0.97 224	e P	Pg	03 15 50.1 +0.2
WHF	TDCB	baz=232	0.97 233	e P	Pn	03 15 50.5 0.0
TDCB	CHGB	baz=223	1.09 224	e P	Pg	03 15 52.3 +0.1
CHGB	WHP	baz=239	1.12 240	e P	Pg	03 15 53.0 +0.2
WHP	ESL	baz=205	1.15 207	e P	Pg	03 15 53.6 +0.2
ESL	WCS	baz=231	1.27 232	e P	Pg	03 15 55.9 +0.3
WCS	IRIF	baz=207	1.65 108	e P	Pb	03 16 01.1 -0.2

DJA 19 03:15:58.6:1.4, 10°S, 117°E, h10km, 10km, M4.3/7, mb4.4/4, MLv4.3/7, South of Bali

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
IGBI	Denpasar	0.84 2	Op	Pb	03 16 15.6 +0.3	S
DNP	Denpasar	0.98 6	P	Pb	03 16 17.7 0.0	S
JAGI	Jajag, Banyuw	1.51 321	P	Pn	03 16 25.9 +0.1	S
PLAI	Plampang	2.76 73	P	Pn	03 16 42.5 -0.4	S
PCJI	Pacitan	4.15 290	P	Pn	03 17 02.3 +0.2	S
WBSI	Waikabubak, Su	4.22 90	P	Pn	03 17 03.1 0.0	S
UGM	Wanagama	4.86 291	P	Pn	03 17 13.0 +1.2	S
BSSI	Bau Bau, Buton	6.37 57	P	Pn	03 17 33.1 +0.5	S
EDFI	Ende, Flores	6.56 83	P	Pn	03 17 35.0 -0.3	S
APSI	Ampana	10.86 37	P	Pn	03 18 34.2 0.0	S

TAP 19 03:41:15.9, 24°84N, 121°99E, h4km, 1km, ML3.4, D
 JMA 19 03:41:16.7, 24°88N, 121°95E, h26km, M3.0
 ISC 19 03:41:15.0:0.9, 24°83N, 121°95E:0.04:122°05E:0.03, h12km, 8km, n15, c063/30, Taiwan region

2015 OCT

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
TWB1	Santiao Chiao	0.19 344	Op	Pg	03 41 20.1 +0.4	S
TWB1	Toucheng	0.20 278	i P	Pg	03 41 19.9 0.0	S
NTC	Shuangxi	0.25 306	i S	Pg	03 41 22.6 -0.1	S
TIPB	Suao	0.28 220	i P	Pb	03 41 21.8 -0.7	S
TWC	Wu-fen Shan	0.34 316	i P	Pb	03 41 23.3 -0.4	S
NWF	Wu-fen Shan	0.34 316	i S	Pb	03 41 22.9 -1.2	S
WFSB	Wu-fen Shan	0.34 316	P	Pb	03 41 23.0 -0.6	S
TWE	Neicheng	0.36 253	i P	Pb	03 41 23.1 -0.7	S
NWRT	Kuosheng	0.51 317	P	Pb	03 41 26.3 -0.2	S
JYNG	Yonagunijimaku	0.90 114	P	Pn	03 41 34.9 +0.9	S
JYNG	Yonaguni jima	0.95 112	P	Pn	03 41 35.3 +0.6	S
YOJ	Iriomote-Funau	1.61 107	P	Pb	03 41 44.6 -0.6	S
IRIF	Hateruma jima	1.78 115	P	Pb	03 41 47.5 -0.6	S
HATJ	Kuro-shima	1.88 108	e S	Pb	03 42 10.4 +0.1	S
JKRS	Ishigaki jima	1.96 103	P	Pb	03 41 50.5 -0.8	S
JIJ	Ishigakijimahi	2.08 96	P	Pn	03 41 52.2 -0.9	S
JISG			e S	Pb	03 42 15.7 -0.3	S

TAP 19 03:42:07.1, 24°83N, 121°98E, h10km, 1km, ML3.3, D
 JMA 19 03:42:08.3, 24°83N, 121°95E, h17km, M2.7
 ISC 19 03:42:07.8:0.8, 24°84N, 121°97E:0.02:121°97E:0.02, h15km, n29, c0549/53, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
NTC	Toucheng	0.13 277	Op	Pg	03 42 10.8 -0.6	S
NTC	Santiao Chiao	0.17 5	P	Pg	03 42 11.2 -0.9	S
TWB1	Shuangxi	0.19 315	P	Pg	03 42 11.8 -1.2	S
TIPB	Suao	0.25 206	i P	Pg	03 42 12.7 -0.6	S
TWC	Wu-fen Shan	0.29 324	i P	Pg	03 42 13.9 -0.1	S
NWF	Wu-fen Shan	0.29 324	S	Pb	03 42 19.3 -0.2	S
WFSB	Wu-fen Shan	0.29 324	P	Pg	03 42 14.0 +0.1	S
TWE	Neicheng	0.30 247	i P	Pb	03 42 14.0 -0.1	S
TWC	Dongshan	0.31 229	P	Pg	03 42 13.9 -0.4	S
NDS	Nioudou	0.42 242	P	Pg	03 42 16.3 +0.1	S
ENTT	Xindian Distri	0.42 287	P	Pb	03 42 22.2 +0.3	S
NHDH	Wulai	0.43 204	P	Pb	03 42 17.1 0.0	S
EWUT	Wulai	0.43 262	P	Pg	03 42 23.2 -0.1	S
NWLT	Wulai	0.43 262	e S	Pg	03 42 16.5 0.0	S
TATO	Taipei	0.46 287	P	Pb	03 42 17.8 +0.2	S
NWRT	Kuosheng	0.46 322	P	Pb	03 42 17.6 -0.1	S
NWRT	YMO1	0.48 310	P	Pb	03 42 24.0 -0.3	S
YMO1	Datong Townshi	0.48 241	P	Pb	03 42 18.0 +0.1	S
NDT	ANP	0.48 241	P	Pb	03 42 17.2 -0.1	S
NDT	YMO8	0.49 315	P	Pg	03 42 25.2 +0.4	S
YMO8	YMO8	0.55 322	P	Pb	03 42 17.9 +0.3	S
YMO8	YMO8	0.57 298	P	Pb	03 42 19.5 +0.1	S
TWS1	YHNB	0.57 253	P	Pg	03 42 27.9 +0.5	S
YHNB	YHNB	0.67 233	P	Pg	03 42 18.4 -0.6	S
YHNB	Datong	0.67 233	P	Pg	03 42 25.6 -1.0	S
NNSB	Datong	0.74 207	P	Pg	03 42 20.1 -0.9	S
NNSB	Ninganchiao	0.74 207	P	Pg	03 42 30.2 -0.3	S
NACB	Ninganchiao	0.74 207	P	Pg	03 42 22.1 -0.3	S
NACB	Xiulin Townshi	0.77 215	P	Pb	03 42 32.3 -0.7	S
ETLH	Chiawan	0.83 204	P	Pg	03 42 23.6 -0.3	S
TWD	TWD	0.97 113	P	Pg	03 42 34.6 -0.2	S
JYNG	Yonagunijimaku	0.97 113	P	Pg	03 42 26.3 0.0	S
JYNG	Yonaguni jima	1.02 111	P	Pb	03 42 39.3 +0.1	S
YOJ	Iriomote-Funau	1.68 107	P	Pb	03 42 27.1 0.0	S
IRIF	Kuro-shima	1.95 107	P	Pb	03 42 40.7 +0.4	S
JKRS	Ishigaki jima	2.03 103	P	Pn	03 42 41.4 +1.0	S
JISG			P	Pn	03 42 42.3 +0.8	S

TAP 19 03:45:37.4, 24°83N, 121°96E, h6km, 1km, ML3.0, D
 JMA 19 03:45:38.6, 24°83N, 121°93E, h32km
 ISC 19 03:45:37.6:0.9, 24°85N, 121°98E:0.03:121°98E:0.03, h14km, 6km, n24, c0549/47, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
NTC	Toucheng	0.14 273	i P	Pg	03 45 40.9 -0.3	S
NTC	Santiao Chiao	0.16 1	P	Pg	03 45 43.8 +0.1	S
TWB1	Santiao Chiao	0.16 1	P	Pg	03 45 41.3 -0.2	S
TWB1	Shuangxi	0.19 311	i P	Pg	03 45 44.0 -0.1	S
TIPB	Suao	0.27 207	i P	Pg	03 45 42.2 +0.2	S
TWC	Suao	0.27 207	i P	Pg	03 45 45.0 0.0	S
TWC	Wu-fen Shan	0.29 320	i P	Pg	03 45 43.0 -0.2	S
NWF	Wu-fen Shan	0.29 320	i P	Pg	03 45 48.8 +0.2	S
NWF	Wu-fen Shan	0.29 320	P	Pg	03 45 44.3 +0.6	S
WFSB	Wu-fen Shan	0.29 320	P	Pg	03 45 49.4 +0.1	S
WFSB	Neicheng	0.32 246	i P	Pg	03 45 49.4 +0.1	S
TWE	Neicheng	0.32 246	i P	Pg	03 45 44.3 +0.2	S
TWE	Dongshan	0.32 229	P	Pg	03 45 49.1 +0.1	S
NDS	Nioudou	0.43 242	P	Pg	03 45 49.3 +0.5	S
ENTT	Nioudou	0.43 242	P	Pg	03 45 46.7 +0.4	S
ENTT	Wulai	0.44 205	P	Pg	03 45 53.2 -0.3	S
EWUT	Wulai	0.44 261	i P	Pg	03 45 47.0 +0.6	S
EWUT	Wulai	0.44 261	e S	Pg	03 45 54.0 +0.3	S
NWLT	Wulai	0.47 286	P	Pb	03 45 46.6 +0.1	S
NWLT	Taipei	0.47 286	P	Pb	03 45 52.7 +0.2	S
TATO	Taipei	0.47 286	P	Pb	03 45 48.0 +0.4	S
TATO	ENAN	0.47 208	P	Pg	03 45 54.4 0.0	S
ENA	Nanau	0.47 208	P	Pg	03 45 47.5 +0.6	S
ENA	YMO1	0.48 308	P	Pb	03 45 54.1 -0.5	S
YMO1	YMO1	0.48 308	P	Pb	03 45 48.7 +0.8	S
YMO1	YMO1	0.49 313	P	Pb	03 45 54.8 0.0	S
YMO8	YMO8	0.49 313	P	Pb	03 45 48.3 +0.2	S
YMO8	Datong Townshi	0.49 240	i P	Pg	03 45 49.3 +0.5	S
NDT	Nioudou	0.49 240	P	Pg	03 45 47.8 +0.5	S
NDT	Wulai	0.55 321	P	Pb	03 45 54.8 -0.3	S
TWO	Chenhua	0.55 321	e S	Pb	03 45 49.3 +0.6	S
YMO1	YMO1	0.57 296	e P	Pn	03 45 59.0 -1.1	S
TWS1	Kuangyinshan	0.57 296	e P	Pn	03 45 50.6 -0.7	S
TWS1	Wulai	0.58 252	e S	Pn	03 46 01.2 +0.6	S
YHNB	Yeheng	0.58 252	P	Pg	03 45 49.2 +0.1	S

TAP 19 03:44:51.6, 24°84N, 121°98E, h7km, ML3.0, C
 JMA 19 03:44:52.7, 24°80N, 121°96E, h13km, M2.2
 ISC 19 03:44:52.4:0.6, 24°84N, 121°98E:0.02:121°98E:0.02, h12km, 6km, n26, c062/49, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
NTC	Toucheng	0.14 276	Op	Pg	03 44 55.5 -0.3	S

19d	3h	NTC	baz=277	i S	Sg	03 44 58.0 -0.3
TWB1	Santiao Chiao	0.17 2	P	Pg	03 44 55.8 -0.5	S
TWB1	Shuangxi	0				

19d 4h

YHNB	baz=253	eS	Sg	03 45 56.6	-0.2
NNS	Nan Shan baz=233	P	Pg	03 45 51.4	+0.4
NNS		S	Sn	03 46 02.1	-1.5
NNSB	baz=233	P	Pg	03 45 51.0	-0.1
NNSB	Datong baz=232	P	Pg	03 45 51.0	-0.1
NNSB		eS	Sg	03 46 00.5	+0.3
NACB	Ninganchiao baz=206	P	Pg	03 45 52.9	+0.6
NACB		eS	Sg	03 46 02.7	+0.4
JYNG	Yonagunijimaku	P	Pb	03 45 56.3	+0.3
JYNG		S	Sb	03 46 08.7	+0.1
YOJ	Yonaguni jima	P	Pb	03 45 57.0	+0.1
YOJ		eS	Sb	03 46 10.5	+0.5

NEIC 19 03:55:47.0:1.5,24'.81N:0.02:122.01E:0.03, h8km,9km,
Error ellipse: s-maj=3.5km s-min=3.2km az=103.0
TAP 19 03:55:47.0:2.4'83N:121.95E,h14km,ML3.7,C
JMA 19 03:55:48.2:0.1,24'.80N:121.88E,h31km,M3.1
ISC 19 03:55:46.9:0.8,24.82N:0.02:121.97E:0.02,h13km,5km,
n103,e061/168,9C-20,Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h s	ISC
NTC	Toucheng	0.14	285	P	Pg	03 55 50.4	0.0
NTC				S	Sg	03 55 53.1	+0.3
TWB1	Santiao Chiao	0.19	41	P	Pg	03 55 51.5	+0.2
TWB1				S	Sg	03 55 54.2	+0.1
TIPB	Shuangxi	0.20	319	P	Pg	03 55 51.7	+0.2
TIPB				S	Sg	03 55 54.7	+0.1
ILA	ilan	0.21	256	eP	Pg	03 55 51.5	0.0
ILA				eS	Sb	03 55 55.5	-1.0
TWC	Suao	0.24	209	P	Pg	03 55 52.2	+0.2
TWC				eS	Sg	03 55 55.1	-0.3
TWE	Neicheng	0.29	251	P	Pg	03 55 53.1	+0.1
TWE				eS	Sg	03 55 56.6	-0.6
NDS	Dongshan	0.30	232	P	Pg	03 55 53.2	+0.1
NDS				eS	Sb	03 55 59.3	+0.3
NWF	Wu-fen Shan	0.31	325	P	Pb	03 55 53.9	-0.5
NWF				S	Sb	03 55 58.6	-0.7
WFSB	Wu-fen Shan	0.31	325	P	Pb	03 55 53.9	-0.4
WFSB				iS	Sb	03 55 58.4	-0.8
ENTT	Nioudou	0.41	244	P	Pg	03 55 55.2	+0.1
ENTT				eS	Sb	03 56 02.6	+0.3
EWUT	Wuta	0.41	206	eP	Pb	03 55 55.5	-0.6
EWUT				eS	Sb	03 56 01.4	-0.8
NHY	Taipei	0.43	301	eP	Pb	03 55 56.9	+0.6
NHY				eS	Sb	03 56 03.3	+0.6
NWL1	Wulai	0.43	265	P	Pg	03 55 55.6	+0.1
NWL1				S	Sg	03 56 00.7	-0.6
NHDH	Xindian Distri	0.43	290	eP	Pb	03 55 56.2	-0.2
NHDH				eS	Sb	03 56 01.8	-1.0
ENA	Nanau	0.44	209	eP	Pb	03 55 56.1	-0.5
ENA				eS	Sg	03 56 01.6	-0.1
TATO	Taipei	0.47	290	iP	Pb	03 55 56.8	-0.2
TATO				Pg	Pg	03 55 56.3	+0.1
TATO				Sg	Sg	03 56 02.5	+0.1
NDT	Datong Townshi	0.47	243	eP	Pb	03 55 56.4	+0.1
NDT				eS	Sg	03 56 02.0	-0.6
TAP	Taipei	0.48	297	eP	Pb	03 55 57.0	-0.2
TAP				eS	Sb	03 56 03.5	-0.6
YM01	YM01	0.49	312	P	Pb	03 55 57.6	+0.1
YM01				eS	Sb	03 56 03.9	-0.7
YM08	YM08	0.51	317	iP	Pb	03 55 57.7	-0.1
ANP	Anpu	0.55	312	eP	Pb	03 55 58.3	-0.2
ANP				eS	Sb	03 56 07.5	+1.1
YHNB	Yeheng	0.56	255	P	Pg	03 55 57.9	-0.1
YHNB				eS	Sg	03 56 05.3	-0.2
YHNB				Pg	Pg	03 55 57.7	-0.3
YHNB				Sg	Sg	03 56 05.2	-0.2
YHNB				Pb	Pb	03 55 59.0	+0.3
TTY				eS	Sg	03 56 06.0	+0.3
NSK	Sanguang	0.58	256	P	Pg	03 55 58.1	-0.2
NSK				eS	Sg	03 56 04.5	-1.5
TWS1	Kuangyinshan	0.58	299	eP	Pb	03 55 59.6	+0.7
TWS1				eS	Sb	03 56 07.3	+0.3
NTST	Danshui	0.59	306	eP	Pb	03 55 59.6	+0.5
NTST				eS	Sb	03 56 08.0	+0.7
NNSB	Datong	0.66	234	P	Pg	03 55 59.8	-0.1
NNSB				eS	Sb	03 56 09.0	-0.6
NNS	Nan Shan	0.66	236	eP	Pb	03 56 00.1	-0.4
NNS				eS	Sb	03 56 09.9	+0.3
NACB	Ninganchiao	0.73	208	eP	Pb	03 56 01.7	+0.2
NACB				eS	Sb	03 56 10.7	-0.7
NACB				Pg	Pg	03 56 01.3	-0.2
NACB				Sg	Sg	03 56 11.3	-0.1
ETL	Fush Village	0.73	206	eP	Pb	03 56 01.3	-0.2
ETL				eS	Sb	03 56 11.5	0.0
NCU	National Centr	0.73	282	eP	Pb	03 56 02.4	-0.5
NCU				eS	Sn	03 56 14.6	+0.6
NCUH	Zhongli	0.73	282	eP	Pb	03 56 02.3	-0.6
NCUH				eS	Sn	03 56 13.5	-0.5
ETLH	Xiulin Townshi	0.76	216	eP	Pg	03 56 01.3	-0.3
ETLH				eS	Sb	03 56 11.5	-0.8
PCYT	Pengchayiu	0.81	6	eP	Pg	03 56 01.9	-0.8

2015 OCT

PCYT	baz=10.0	eS	Sb	03 56 14.7	+0.9		
TWD	Chiawan baz=202	0.81	205	eP	Pb	03 56 03.1	+0.2
TWD		eS	Sb	03 56 13.6	-0.1		
HSN1	Hsinchu baz=284	0.87	268	eP	Pn	03 56 04.2	-0.6
HSN1		eS	Sn	03 56 17.0	-0.4		
FUSS	Fushou baz=222	0.88	230	eP	Pb	03 56 04.0	-0.1
FUSS		eS	Sb	03 56 16.1	+0.3		
LIOB	Emei baz=257	0.89	259	eP	Pb	03 56 04.8	-0.3
LIOB		eS	Sn	03 56 17.3	-0.6		
SBCB	Hsinchu baz=285	0.90	269	eP	Pb	03 56 05.2	0.0
SBCB		eS	Sb	03 56 16.4	+0.1		
NSTT	Nanjiang baz=256	0.90	258	eP	Pn	03 56 05.1	-0.3
NSTT		eS	Sn	03 56 17.4	-0.9		
TWT	Tachien baz=230	0.92	232	eP	Pn	03 56 05.9	+0.2
TWT		eS	Sn	03 56 19.0	+0.1		
WHF	Hefuan Shan baz=213	0.93	224	eP	Pg	03 56 04.7	-0.3
WHF		eS	Sb	03 56 17.9	+0.3		
TDCB		0.93	233	eP	Pg	03 56 05.0	+0.1
TDCB				eS	Sb	03 56 17.3	-0.1
JYNG	Yonagunijimaku	0.96	112	P	Pb	03 56 06.4	+0.3
JYNG		S	Sb	03 56 19.3	+0.2		
YOJ	Yonaguni jima baz=111	1.01	110	eP	Pb	03 56 05.8	-0.5
YOJ		eS	Sn	03 56 20.6	-0.1		
YOJ	Yonaguni jima	1.01	110	P	Pb	03 56 07.2	+0.4
YOJ		S	Sb	03 56 20.7	-0.1		
YOJ	Yonaguni jima	1.01	110	P	Pb	03 56 05.9	-0.3
YOJ		S	Sb	03 56 20.7	-0.1		
CHGB	Renai baz=216	1.05	224	P	Pg	03 56 20.8	-0.2
CHGB		eS	Sb	03 56 20.8	-0.1		
WHP	Taichung City baz=238	1.08	240	eP	Pn	03 56 07.8	-0.1
WHP				eP	Pg	03 56 09.6	+1.2
NMLH	Milaoi baz=254	1.11	256	eP	Pg	03 56 24.4	+1.0
NMLH		eS	Sn	03 56 24.4	+1.0		
ESL	Shilin baz=204	1.11	206	P	Pb	03 56 07.9	-0.1
ESL		eS	Sb	03 56 22.0	-0.5		
OWD	Renai baz=219	1.13	220	eP	Pg	03 56 08.5	-0.2
NSY	Sanyi baz=268	1.17	250	eP	Pg	03 56 11.0	+1.4
WCS	Beigang Elemen baz=236	1.23	232	eP	Pg	03 56 10.4	-0.2
WCS		eS	Sb	03 56 25.9	-0.4		
EGFH	Guangfu baz=208	1.25	204	eP	Pg	03 56 10.9	0.0
EGFH		eS	Sb	03 56 25.7	-0.6		
WDJ	Dajia District baz=265	1.30	249	eP	Pg	03 56 12.6	+0.6
WDJ				Pg	Pg	03 56 12.7	-0.3
SMLT	Sun Moon Lake baz=216	1.35	227	eP	Pg	03 56 14.7	+1.6
TCU	Taichung baz=259	1.36	241	eP	Pg	03 56 12.3	-0.1
TYC	Yuch baz=219	1.37	228	eP	Pb	03 56 31.0	0.0
TYC		eS	Sg	03 56 31.0	0.0		
SSLB	Suanguang baz=212	1.39	222	eP	Pb	03 56 12.8	+0.1
SSLB		eS	Sg	03 56 31.1	-0.5		
SSLB				Pn	Pn	03 56 12.0	0.0
HGSD	Ruisui baz=216	1.41	201	eP	Pg	03 56 14.7	+0.6
EHY	Hungye baz=204	1.44	205	eP	Pg	03 56 13.9	-0.6
WNT	Mingjian baz=218	1.50	232	eP	Pg	03 56 17.0	+1.2
WNT		eS	Sg	03 56 35.8	+0.5		
WJS	Zhushan baz=215	1.51	229	eP	Pg	03 56 15.6	-0.3
WJS		eS	Sb	03 56 38.7	+3.2		
YULB	Yu-li baz=210	1.55	204	eP	Pb	03 56 15.4	-0.1
YULB		eS	Sb	03 56 35.3	+0.3		
YULB	Yu-li	1.55	204	Pn	Pb	03 56 16.3	-0.4
YULB				Pg	Pg	03 56 15.6	-0.4
YUS	Yu-Shan baz=222	1.62	215	eP	Pg	03 56 17.8	-0.3
IRIF	Iriomote-Funau	1.67	106	P	Sn	03 56 16.0	+0.1
IRIF		S	Sn	03 56 37.2	0.0		
ALS	Alisan baz=204	1.68	220	eP	Pg	03 56 19.6	+0.3
CHNS	Tsauling baz=223	1.70	224	eP	Pg	03 56 20.2	+0.7
CHNS		eS	Sg	03 56 43.7	+2.1		
WRL	Guolierlin Hig baz=254	1.72	238	eP	Pb	03 56 18.0	-0.4
WDLH	Douliu baz=249	1.73	230	eP	Pg	03 56 19.6	-0.5
FULB	Ful baz=213	1.73	201	eP	Pg	03 56 18.7	+0.2
HATJ	Hateruma jima	1.83	114	P	Pn	03 56 18.9	+0.8
HATJ		eS	Sn	03 56 40.8	-0.4		
ELDTW	Lidau baz=209	1.84	209	eP	Pb	03 56 20.7	+0.2
CHN4	Tsashan baz=219	1.93	221	eP	Pg	03 56 23.3	-0.7
CHN4		eS	Sg	03 56 49.9	+0.8		
JKRS	Kuro-shima baz=219	1.94	107	P	Pn	03 56 20.3	+0.7
JKRS		S	Sn	03 56 44.0	+0.1		
TPUB	Ta-pu baz=220	1.95	219	eP	Pg	03 56 22.9	+0.6
TPUB				Pg	Pg	03 56 23.1	-1.2
STYH	Taoyuan baz=202	1.97	214	eP	Pb	03 56 23.1	+0.4
WTP	Ta-pu baz=219	2.00	219	eP	Pg	03 56 24.2	-1.1
JJU	Ishigaji jima	2.03	102	P	Sn	03 56 21.4	+0.6
JJU		S	Sn	03 56 46.3	+0.3		
THK	Hsinying baz=221	2.06	222	eP	Pg	03 56 25.4	-1.0
CHN1	Nanshi baz=219	2.10	219	eP	Pb	03 56 25.7	+0.9
JISG	Ishigajimahi	2.14	96	P	Pn	03 56 22.7	+0.4
SGST	Jiashan baz=203	2.15	217	eP	Pb	03 56 25.9	+0.3
TWG	Pinang baz=215	2.15	203	Pn	Pn	03 56 22.5	0.0
SLGT	Liguai baz=215	2.19	214	eP	Pb	03 56 27.1	+0.8
MATB	Ma-tsu baz=306	2.26	306	eP	Pb	03 56 23.4	-0.6
MATB				Pg	Pg	03 56 30.1	+0.1
SSD	Sandimen baz=211	2.40	211	eP	Pb	03 56 30.2	-0.3
SSD	Majia baz=211	2.43	210	eP	Pb	03 56 31.6	-0.4
MASBT	Mashibuluo baz=210	2.52	209	eP	Pb	03 56 29.1	+1.4
PNG	Penghu baz=242	2.54	241	eP	Pn	03 56 28.3	+0.3
PHUB	Peng-hu baz=255	2.55	240	eP	Pn	03 56 29.8	+1.1
PTMZ	Houxiangcun	2.60	275	eP	Pn	03 56 29.8	+1.1

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SBCB Hsinchu, NSTT Nanjuang, HSN Hsinchu, etc.

NEIC 19 04:37:12.7-2.2, 30.28S-0.02, 72.25W, 0.05, h6km, 4km, mb4, 7/36, Mw4.5, 4M, 4L, 4(G), Error ellipse: s-maj=5.7km s-min=3.4km az=98.0

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like CO05 comp=E, 2.1um, 0.5s, G004 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like PB05 IPOC Station P, PB04 IPOC Station P, etc.

19d 5h

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 N33A, U40A, MIAR, KSCO, ABTX, P38A, MGMO, BGNE, MSTX, R40A, FCAR, WHAR, WLAR, 237A, T25A, OGNE, N38A, T42A, LCAR, 435B, SCIA, JCTA, SLM, 143A, S44A, SIUC, PHWY, OXF, Q44A, RWVY, K22A.

TAP 19 05:42:11.4, 24:84N; 122:01E, h11km, ML4.7, B
NIED 19 05:42:12.3, 24:83N; 121:94E, h34km, MW4.6, Moment
Tensor Solution. s3 Moment tensor: Scale 1.015Nm;
Mrr=7.81; Mss=5.49; Mtt=2.33; Mss=0.01; Mss=0.08; Mrt=0.04;
Fault plane solution: Ms=9.15000e+10; Np1:
phi=249.00000; delta=0.00000; lambda=81.00000; NP2:phi=50.00000;
delta=0.00000; lambda=107.00000.
JMA 19 05:42:12.2, 24:83N; 121:94E, h34km, 5km, M4.8
NEIC 19 05:42:12.1, 24:80N; 122:00E, h8km, 5km, 3km,
mb4.9/31, Mw4.5/28, ML4.4(TAP), Error ellipse:
s-maj=10.5km s-min=7.2km az=117.0
NEIC 19 05:42:12.9, 24:80N; 122:01E, h4km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=6.79;
Mss=4.50; Mtt=2.29; Mss=1.15; Mss=2.51; Mrt=2.64; Fault plane
solution: Ms=7.68000e+10; Np1:phi=33.90000; delta=21.00000;
lambda=93.07000; NP2:phi=59.75000; delta=94.00000; lambda=84.43000;
Principal axes: T=7.3209, Plg16.0000, Azm32.6000;
N=0.6759, Plg3.0000, Azm235.0000; P=-7.9968,
Plg74.0000; Azm136.0000;
BUJ 19 05:42:13.1, 24:97N; 121:79E, h10km, mb4.9/32,
mb4.4/48, ML4.5/10, Ms4.7/57, Ms7.4/54
IDC 19 05:42:19.7, 3.0, 24:79N; 121:98E, h74km, 30km, mb7.9/23,
mb1.4/0.26, mb1mx3.9/62, mbmp4.2/26, MS3.8/27,
Ms1.3/9/27, ms1mx3.9/39, Error ellipse: s-maj=16.7km
s-min=10.8km az=70.0
ISC 19 05:42:12.5, 0.9, 24:82N; 122:02E, h8km, 5km,
n247, r1s28/293, mb4.6/39, MS3.9/25, 21C-18D, Taiwan
region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like NTC, TWB1, TWB1, TIPB, ILA, TWC, TWC, NDS, NDS, NWF, NWF, WFSB, WFSB, TWA, TWA, EWUT, ENTT, ENA, NHY, NHY, NHDH, NHDH.

2015 OCT

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 NWLT, NWLT, NWRT, NDT, TATO, TATO, TATO, TAP, YM01, YM08, BACT, BACT, EHP, ANP, TWY, YHNB, YHNB, YHNB, TWS1, TWS1, NSK, NSK, NTST, NNTS, NNTS, NNSB, NNSB, NNS, NNS, ETL, ETL, NACB, NACB, NCU, NCU, NCUH, NCUH, ETLH, ETLH, PCYD, PCYD, TWD, TWD, NJD, NJD, FUSS, FUSS, HSN1, HSN1, JYNG, JYNG, HWA, HWA, LIOB, LIOB, LIOB, LIOB, SBCB, SBCB, NSTT, NSTT, TWT, TWT, HSN, HSN, HSN, HSN, WHF, WHF, WHF, WHF, TDCB, TDCB, YOJ, YOJ, YOJ, YOJ, ETM, ETM, TEYL, TEYL, NJN, NJN, WHP, WHP, ESL, ESL, ESL, ESL, NMLH, NMLH, OWD, OWD, NSY, NSY, NSY, NSY, WPL, WPL, WCS, WCS, EGFH, EGFH, DPDB, DPDB, WDJ, WDJ, SMLT, SMLT, TCU, TCU, TYC, TYC.

796

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 SSSL, SSSL, SSSL, SSSL, WWF, WWF, EHY, EHY, WCHH, WCHH, WNT1, WNT1, WNT, WNT, WJS, WJS, YULB, YULB, YULB, YULB, TW1, TW1, IRIF, IRIF, ALS, ALS, CHNS, CHNS, CHNS, CHNS, WFK, WFK, WTK, WTK, JKRS, JKRS, CHN2, CHN2, EDH, EDH, CHN4, CHN4, CHN4, CHN4, CHY, CHY, TPUB, TPUB, TPUB, TPUB, STYH, STYH, STYT, STYT, WTP, WTP, LONT, LONT, TWK, TWK, JISG, JISG, SNST, SNST, CHN1, CHN1, CHN1, CHN1, ICHU, ICHU, TWG, TWG, TWG, TWG, SGST, SGST, LDUT, LDUT, CHN8, CHN8, MATB, MATB, MSUT, MSUT, ECL, ECL, SSD, SSD, JTJ, JTJ, TSMG, TSMG, SGLT, SGLT, MASB, MASB, PNG, PNG, PTMZ, PTMZ, EAST, EAST, LYJ, LYJ, XPSS, XPSS, SSPT, SSPT, SCZT, SCZT, SLU, SLU, VCHM, VCHM, WLCH, WLCH, TWP, TWP, JIKM, JIKM, JMJ, JMJ, MHQZ, MHQZ, JMJ2, JMJ2, HEN, HEN, TWK1, TWK1, TWKB, TWKB, QZH, QZH, QZH, QZH, KNM, KNM, KNMB, KNMB, KNMB, KNMB, AXDP, AXDP, ZPLA, ZPLA, JOW, JOW, JOW, JOW.

Table with columns: PRP, Porcupine Dome, 29.22, 44, P, P, 06 35 36.2 +1.0, 06 36 33.8, ANP, baz=309, 0.59 321 P, Pg, 06 46 54.3 +0.3, etc.

IDC 19 06:46:33.8t1.3, 24.40N:121.26E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/60, mbtmp3.6/5, ML3.2/1, MS3.1/3, Ms1 3.1/3, ms1mx2.6/44, Error ellipse: s-maj=81.8km s-min=22.0km az=72.0

TAP 19 06:46:34.1, 24.83N:121.98E, h14km, ML3.9, C JMA 19 06:46:35.2, 24.80N:121.95E, h18km, MS3.1, ISC 19 06:46:34.6t0.8, 24.81N:C:02:122.01E:0.02, h10km, 6km, n104, 0663/148, mb3.7/4, 8C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, NTC Toucheng, 0.17 284 i P, Pg, 06 46 38.0 -0.2, etc.

Table with columns: ANP, baz=309, 0.59 321 P, Pg, 06 46 54.3 +0.3, TWY Chenhua, baz=321, 0.59 256 P, Pg, 06 46 45.7 -0.4, etc.

Table with columns: JIJ Ishigaki jima, 2.00 103 P, Pn, 06 47 09.3 +0.9, WSF Szu, 2.00 235 e P, S, 06 47 34.1 +0.6, etc.

MEX 19 06:53:55.9, 0.3, 16.07N:90.63W, h10km, MD3.9, GC 19 06:53:56.2, 0.5, 16.21N:90.94W, h50km, 99km, MD3.3, ISC 19 06:53:55.0, 1.8, 16.1N:0.1, 90.85W, 0.09, h4km, 14km, n6, 0854/12, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, CCIG Comitan, 1.25 278 e P, S, 06 54 18.9 -0.1, etc.

IDC 19 07:05:24.8-8.7, 8.21S:156.40E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/34, mbtmp3.8/3, MS3.4/2, Ms1 3.4/2, ms1mx2.8/37, Error ellipse: s-maj=141.2km s-min=92.0km az=37.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, DZM Mont Dzumac, 16.84 146 LR, LR, 07 14 41.0, etc.

TAP 19 07:20:15.7, 24.83N:122.00E, h9km, ML4.7, B IDC 19 07:20:15.2, 0.6, 24.71N:121.90E, h0km, mb4.4/21, mb1 4.4/25, mb1mx4.3/43, mbtmp4.3/25, ML3.6/4, MS3.8/32, Ms1 3.8/32, ms1mx3.7/52, Error ellipse: s-maj=16.9km s-min=13.0km az=81.0

NIED 19 07:20:16.5, 24.85N:121.93E, h37km, MW4.5, Moment Tensor Solution. s2 Moment tensor: Scale 1015Nm; Mr=6.66; Mw=4.41; Mv=2.25; Mh=1.68; Mb=2.47; Mz=2.84; Fault plane solution: M=7.13000x1015 Np1: 0.66, 0.0000; 0.83, 0.0000; -1.74, 0.0000. NP2: 0.66, 0.0000; 0.83, 0.0000; -1.74, 0.0000. NEIC 19 07:20:16.0, 0.8, 24.83N:122.01E:0.02, h4km, 3km, mb4.9/28, Mw1.4/6.11, Ms4.7/62, Ms7.4/5/60, s-maj=3.9km s-min=2.2km az=185.0

NEIC 19 07:20:16.2, 24.82N:122.02E, h4km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mr=6.13; Mw=3.52; Mv=2.61; Mh=2.36; Mb=1.91; Mz=3.26; Fault plane solution: M=6.95000x1015 Np1: 0.223, 20.000; 0.862, 84.000; -1.96, 25.000. NP2: 0.56, 69.000; 0.827, 81.000; -1.78, 0.0000. Principal axes: T 6.2607, Plg18.0000, Azm318.0000; N 1.2103, Plg6.0000, Azm226.0000; P -7.4710, Plg71.0000

JMA 19 07:20:16.4, 0.1, 24.85N:121.93E, h37km, 5km, M4.8, BUJ 19 07:20:16.7, 0.2, 24.98N:121.79E, h10km, mB4.9/32, mb4.5/50, ML4.6/11, Ms4.7/62, Ms7.4/5/60, ISC 19 07:20:16.6, 0.9, 24.83N:122.01E:0.02, h8km, 5km, n231, 01923/273, mb4.6/38, MS3.9/32, 24C-18D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, NTC Toucheng, 0.15 281 i P, S, 07 20 19.4 -0.4, etc.

801		2015 OCT										19d 7h				
ENTT	baz=244	eS	Sg	07 20 31.2 +0.6	TWQ1	baz=248	eS	Sn	07 20 58.7 +2.3	WHN		Sn				
NHY	baz=244 Taipei	0.44 299	eP	Pb	07 20 25.4 -1.2	EGFH	baz=248 Guangfu	1.26 204	eP	Pn	07 20 39.4 -1.1	WHN	comp=N,5um,8.6s	Sn	07 23 59.1 -5.6	
NHY	baz=288	eP	Sb	07 20 32.3 -1.1	WDJ	baz=212 Dajia District	1.32 249	eP	Pg	07 20 42.1 +0.2	WHN	comp=E,7um,8.9s	LR	LR		
NHDH	baz=278 Xindian Distri	0.45 288	iP	Pg	07 20 25.3 0.0	WDJ	baz=239	eS	Sg	07 21 01.2 +2.2	JNU	comp=Z,7um,12.1s	Pn	Pn	07 23 01.4 +2.4	
NHDH	baz=278	eS	Sb	07 20 31.8 -1.8	SMLT	baz=219 Sun Moon Lake	1.37 227	eP	Pb	07 20 42.0 -0.5	QIZ	0.8nm,0.3s,slow=200,slow=3.9,SNR=1.9	Pn	Pn	07 23 16.4 -0.7	
NWLTL	baz=263 Wulai	0.45 264	iP	Pg	07 20 24.8 -0.5	TYC	baz=220 Yuch	1.38 229	eP	Pb	07 20 42.1 -0.6	QIZ	12.66 245	S	Sn	07 25 49.4 +1.1
NWLTL	baz=263	eS	Sg	07 20 31.1 -0.1	SSLB	baz=220 Suanglung	1.40 223	eP	Pn	07 20 42.0 -0.5	QIZ	comp=N,1um,9.3s	LR	LR		
ENA	baz=217 Nanau	0.46 210	eP	Pg	07 20 25.0 -0.4	SSLB	baz=225 Suanglung	1.40 223	eP	Pn	07 20 42.0 -0.5	QIZ	comp=E,1um,8.3s	LR	LR	
ENA	baz=217	eS	Sg	07 20 32.0 +0.5	HGSD	baz=192 Ruisui	1.43 202	eP	Pb	07 20 43.1 -0.3	KSRS	comp=Z,890nm,7.3s	Pn	Pn	07 23 28.6 -0.7	
TAPI	baz=303 Taipei	0.48 297	eP	Pb	07 20 26.6 -0.6	EHY	baz=208 Hungye	1.45 205	eP	Pn	07 20 42.2 -0.9	KSRS	0.2nm,0.3s,slow=206,slow=14,SNR=1.8	Pn	Pn	07 29 29.1
TATO	baz=278 Taipei	0.48 288	iP	Pg	07 20 26.0 0.0	WCHH	baz=259 Zhanghua	1.50 241	eP	Pg	07 20 45.4 0.0	GYA	comp=Z,419nm,19.3s,slow=200,slow=40	P	P	07 23 34.3 -0.1
TATO	baz=278	eS	Sb	07 20 32.7 -1.9	WNT	baz=222 Minjian	1.52 232	eP	Pg	07 20 46.2 +0.4	GYA	comp=N,2um,8.5s	P	P	07 23 39.3 -3.4	
TATO	baz=278	eS	Pb	07 20 26.1 -1.2	WJS	baz=225 Zhushan	1.53 229	eP	Pg	07 20 45.2 -0.6	GYA	comp=N,2um,8.5s	LR	LR	07 26 11.5 +2.2	
NDT	baz=236 Datong Townshi	0.49 243	eP	Pg	07 20 31.4 -0.9	YULB	baz=222 Yu-hi	1.56 204	eP	Pn	07 20 43.4 -1.2	GYA	comp=E,2um,11.2s	LR	LR	
TAP	baz=286 Taipei	0.49 296	iP	Pb	07 20 26.6 -0.8	YULB	baz=218	eS	Sb	07 21 05.2 -0.4	GYA	comp=Z,3um,11.7s	LR	LR		
TAP	baz=286	eS	Sg	07 20 33.6 -1.3	YULB	baz=218	eS	Sb	07 20 44.6 -0.1	XAN	comp=N,2um,8.5s	P	P	07 23 44.8 +1.0		
YM01	baz=308	eS	Sb	07 20 26.6 -1.1	YUS	baz=227 Yu-Shan	1.64 216	eP	Pb	07 20 46.5 -0.8	XAN	14.62 312	P	P	07 23 51.6 +1.3	
YM01	baz=308	eS	Sb	07 20 34.1 -1.1	IRIF	baz=227 Iriomote-Funau	1.65 107	P	Sn	07 20 44.2 -1.7	XAN	comp=Z,10.0nm,0.9s	S	S	07 26 29.9 +3.8	
YM08	baz=313 YM08	0.52 315	iP	Pb	07 20 26.6 -1.3	ALS	baz=220 Alishan	1.70 220	eP	Sn	07 21 05.3 -0.5	XAN	comp=N,1um,8.6s	LR	LR	
BACT	baz=288 New Taipei Cit	0.53 289	eP	Pg	07 20 27.0 -1.1	CHN5	baz=227 Tsauling	1.71 225	eP	Pg	07 20 48.6 -0.8	XAN	comp=N,1um,8.6s	LR	LR	
ANP	baz=309 Anpu	0.56 310	iP	Pb	07 20 27.4 -0.1	FULB	baz=219 Fuli	1.74 202	eP	Pn	07 20 47.4 +0.2	XAN	comp=E,2um,10.8s	LR	LR	
TWY	baz=320 Chenhua	0.57 322	eP	Pb	07 20 27.8 -1.1	WDLH	baz=219 Douliu	1.75 230	eP	Pb	07 20 48.8 0.0	BJI	comp=Z,2um,12.4s	P	P	07 24 03.6 -1.2
YHNB	baz=255 Yeheng	0.58 255	iP	Pg	07 20 27.3 -0.5	CHKT	baz=231 Chengkung	1.81 199	eP	Pb	07 20 48.6 -1.4	BJI	comp=Z,1.6nm,1.7s	P	P	07 24 03.6 -1.2
YHNB	baz=255	eS	Sg	07 20 34.8 -0.7	HATJ	baz=218 Hatuma jima	1.82 114	P	Pb	07 20 47.5 -0.7	BJI	comp=N,1um,11.4s	LR	LR		
YHNB	baz=255	eS	Pb	07 20 27.4 -0.5	WTK	baz=245 Tuku	1.85 233	eP	Pb	07 20 49.3 -1.4	BJI	comp=N,1um,11.4s	LR	LR		
YHNB	baz=255	eS	Pg	07 20 34.8 -0.7	ELDTW	baz=219 Lidau	1.86 209	eP	Pn	07 20 48.8 -0.1	BJI	comp=E,290nm,11.7s	LR	LR		
TWS1	baz=297 Kuanyinshan	0.59 298	iP	Pb	07 20 28.6 -0.6	CHN2	baz=219 Minshuiung	1.89 227	eP	Pg	07 20 51.9 -0.9	CD2	comp=Z,1um,13.2s	P	P	07 24 19.1 -0.1
TWS1	baz=297	eS	Sb	07 20 36.5 -1.2	JKRS	baz=225 Kuro-shima	1.93 107	P	Pb	07 20 48.6 -1.0	CD2	comp=Z,1.10nm,1.1s	P	P	07 24 19.1 -0.1	
NSK	baz=255 Sanguang	0.60 256	iP	Pg	07 20 27.4 -0.7	CHN4	baz=225 Tsaushan	1.95 221	eP	Pb	07 20 52.2 -0.1	CD2	comp=N,2um,9.0s	LR	LR	
NSK	baz=255	eS	Sg	07 20 35.1 -0.9	EDH	baz=217 Donghe	1.95 199	eP	Pn	07 20 50.4 +0.4	CD2	comp=E,2um,12.2s	LR	LR		
NTST	baz=303 Danshui	0.60 304	iP	Pb	07 20 27.7 -0.3	CHY	baz=247 Chiayi	1.95 228	eP	Pb	07 20 52.4 +0.1	CD2	comp=Z,2um,10.8s	LR	LR	
NTST	baz=303	eS	Sb	07 20 37.7 -0.3	TPUB	baz=224 Ta-pu	1.96 220	eP	Pb	07 20 52.3 -0.3	KMI	comp=Z,2um,10.8s	P	P	07 24 24.8 +2.7	
NTY	baz=275 Taoyuan	0.66 286	eP	Pb	07 20 30.3 0.0	TPUB	baz=224 Ta-pu	1.96 220	eP	Pb	07 20 50.8 +0.6	KMI	comp=N,2um,9.3s	P	P	07 24 27.1 +1.9
NNSB	baz=235 Datong	0.68 235	iP	Pg	07 20 29.0 -0.7	WSF	baz=250 Szu	2.00 234	eP	Pb	07 20 51.6 -1.7	KMI	comp=Z,1.1nm,1.4s	LR	LR	
NNSB	baz=235	eS	Sb	07 20 39.5 -0.9	JJU	baz=250 Ishigaki jima	2.01 103	P	Sn	07 20 49.3 -1.5	KMI	comp=N,2um,9.3s	LR	LR		
NNS	baz=236 Nan Shan	0.68 236	eP	Pg	07 20 29.0 -0.7	JJU	baz=250	eS	Sn	07 21 12.2 -3.9	KMI	comp=E,2um,7.5s	LR	LR		
NNS	baz=236	eS	Sb	07 20 39.2 -1.2	WTP	baz=222 Ta-pu	2.02 219	eP	Sn	07 20 53.1 -0.4	KMI	comp=Z,2um,13.5s	LR	LR	07 31 32.2	
NACB	baz=211 Ninganchiao	0.74 209	iP	Pg	07 20 30.0 -0.8	LONT	baz=193 Longtian	2.07 203	eP	Pn	07 20 51.7 +0.1	DAV	comp=Z,2.64nm,19.4s,slow=340,slow=38	LR	LR	07 24 28.7 -0.8
NACB	baz=211	eS	Sb	07 20 41.5 -0.6	TWK	baz=225 Hsinying	2.07 222	eP	Pb	07 20 53.6 -0.9	MAT	18.16 46	P	P	07 27 52.8 +0.8	
NACB	baz=211	eS	Pg	07 20 30.0 -0.8	CHN1	baz=225 Nanshi	2.11 220	eP	Pb	07 20 54.2 -0.9	MAT	18.16 46	P	P	07 27 52.8 +0.8	
NACB	baz=211	eS	Pb	07 20 41.5 -0.6	JISG	baz=223 Ishigakijimahi	2.12 96	P	Pb	07 20 54.4 -1.2	MJAR	0.1nm,0.3s,slow=247,slow=7.5,SNR=1.3	P	P	07 24 29.7 +0.2	
NACB	baz=211	eS	Pg	07 20 30.0 -0.8	ICHU	baz=231 Yijhu	2.14 227	eP	Pb	07 20 54.4 -1.2	HHC	18.20 334	P	P	07 24 30.4 +0.4	
NACB	baz=211	eS	Pb	07 20 41.5 -0.6	SGST	baz=203 Jiashan	2.16 217	eP	Pb	07 20 54.6 -1.4	HHC	comp=Z,28nm,1.0s	P	P	07 24 48.6 +7.6	
NACB	baz=211	eS	Pg	07 20 30.0 -0.8	TWG	baz=203 Pinlang	2.17 203	eP	Pn	07 20 52.2 -0.8	HHC	comp=Z,370nm,4.3s	LR	LR		
ETL	baz=199 Fush Village	0.74 207	eP	Pg	07 20 41.2 -0.9	TWGBT	baz=207 Beinan	2.17 203	eP	Pn	07 20 52.1 -0.8	HHC	comp=N,1um,13.8s	LR	LR	
ETL	baz=199	eS	Sb	07 20 41.2 -0.9	LDUT	baz=195 Ludao	2.19 193	eP	Pb	07 20 53.1 -0.3	HHC	comp=N,1um,13.8s	LR	LR		
NCU	baz=280 National Centr	0.75 281	eP	Pn	07 20 32.0 -1.4	CHN8	baz=232 Yiju	2.20 228	eP	Pb	07 20 55.0 -1.5	HHC	comp=E,780nm,11.7s	LR	LR	
NCU	baz=280	eS	Sn	07 20 42.8 -2.1	SLGT	baz=232 Liugui	2.20 214	eP	Pb	07 20 56.0 -0.7	HHC	comp=Z,2um,14.6s	LR	LR		
NCUH	baz=280 Zhongli	0.75 281	iP	Pb	07 20 32.0 -1.4	MATB	baz=303 Ma-tsu	2.27 306	eP	Pn	07 20 53.0 -1.5	BTO	18.66 330	P	P	07 24 37.8 +2.5
NCUH	baz=280	eS	Sb	07 20 42.6 +0.4	CHN3	baz=223 Shinhua	2.29 221	eP	Pb	07 20 58.0 -0.2	BTO	comp=N,7um,12.5s	LR	LR		
ETLH	baz=228 Xiulin Townshi	0.77 217	iP	Pg	07 20 30.7 -0.8	ECL	baz=193 Iainai	2.41 203	eP	Pb	07 20 55.7 -0.6	BTO	comp=E,3um,13.3s	LR	LR	
ETLH	baz=228	eS	Sb	07 20 43.0 0.0	SSD	baz=196 Sandimen	2.42 211	eP	Pb	07 20 58.5 -1.8	CN2	comp=Z,20nm,0.9s	P	P	07 24 42.0 +1.0	
PCYT	baz=357 Pengchayiu	0.80 5	iP	Pb	07 20 32.3 -0.5	TSMC	baz=215 Majia	2.44 211	eP	Pb	07 20 58.8 -2.0	CN2	comp=N,800nm,11.0s	LR	LR	
PCYT	baz=357	eS	Sb	07 20 44.2 +0.3	JTJ	baz=216 Tarama	2.47 94	P	Pb	07 20 56.8 -0.3	CN2	comp=N,400nm,11.0s	LR	LR		
TWD	baz=200 Chiawan	0.83 206	iP	Pg	07 20 31.7 -0.7	MASBT	baz=214 Mashibuluo	2.53 210	eP	Pb	07 21 00.4 -1.9	CN2	comp=E,400nm,11.0s	LR	LR	
TWD	baz=200	eS	Sg	07 20 43.3 +0.2	PNG	baz=242 Peng-hu	2.56 241	eP	Pn	07 20 58.5 +0.2	LZH	comp=Z,1um,15.0s	P	P	07 24 44.3 +2.1	
HSN1	baz=282 Hsinchu	0.89 267	eP	Pn	07 20 34.9 -0.5	EAST	baz=253 Anshuo	2.57 240	eP	Pn	07 20 58.8 +0.3	LZH	19.22 310	P	P	07 24 48.8 +4.3
FUSS	baz=231 Fushu	0.89 230	iP	Pb	07 20 32.8 -0.9	LYJJ	baz=197 Jianjiangzhen	2.65 311	eP	Pn	07 21 00.7 +1.0	LZH	comp=Z,33nm,1.1s	P	P	07 24 48.8 +4.3
FUSS	baz=231	eS	Sb	07 20 46.2 -0.5	XPSS	baz=308 Dashiqiu	2.65 323	eP	Pn	07 20 57.9 -1.7	LZH	comp=Z,320nm,4.1s	LR	LR		
LIOB	baz=259 Emei	0.91 259	iP	Pb	07 20 34.3 -0.2	SCZT	baz=212 Fangliu	2.75 208	eP	Pb	07 21 04.3 -1.7	LZH	comp=N,1um,10.8s	LR	LR	
LIOB	baz=259	eS	Sn	07 20 49.3 +0.3	WLJU	baz=212 Shizi	2.82 203	eP	Pb	07 21 03.1 +1.2	LZH	comp=Z,1um,13.0s	LR	LR		
HWA	baz=204 Hwaiien	0.92 203	eP	Pb	07 20 34.2 -0.5	SLSH	baz=197 Shiung	2.87 211	eP	Pb	07 21 07.5 -0.6	MDJ	20.69 16	P	P	07 24 58.3 -1.1
SBCB	baz=285 Hsinchu	0.92 268	iP	Pb	07 20 35.2 -0.6	LIUJ	baz=216 Liujou	2.87 211	eP	Pb	07 21 07.5 -0.6	MDJ	comp=N,1um,14.2s	P	P	07 28 51.6 -1.3
SBCB	baz=285	eS	Sn	07 20 47.8 -1.4	MHZQ	baz=216 Yeshan	2.96 296	eP	Pn	07 21 02.7 -1.2	MDJ	comp=Z,48nm,1.1s	P	P	07 25 28.6 -0.2	
NSTT	baz=258 Nanjiang	0.92 258	eP	Pb	07 20 34.3 -0.6	TWK1										

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWA Mucha, ENTT Nioudou, EWUT Wuta, etc.

IDC 19 07:36:03.8-1.7, 3.42S, 130.40E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.5/36, mbtmp3.5/4, ML3.5/2, MS3.2/1, Ms1 3.2/1, ms1mx2.6/17, Error ellipse: s-maj=63.8km s-min=23.7km az=91.0, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TAP 19 07:53:07.4, JMA 19 07:53:08.7, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NHDH, NWLT, NWRT, TATO, TATO, TATO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HGSD, EHY Hungye, EHY, YULB, YULB, etc.

IDC 19 07:56:24.0-3.3, 2.15N-98.57E, h97km, mb3.4/5, mb1 3.6/6, mb1mx3.3/42, mbtmp3.8/6, Error ellipse: s-maj=77.1km s-min=18.4km az=60.0, DJA 19 07:56:25.1-0.6, 2.1N-98.57E, h39km, mb3.3/6, ML3.3/6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, PSI, GSI, TSI, etc.

IDC 19 08:10:15.3-2.0, 48.42S, 123.61E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.7/21, mbtmp3.6/4, MS3.3/4, Ms1 3.2/4, ms1mx2.9/23, Error ellipse: s-maj=89.5km s-min=26.9km az=92.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin, H01W2 Cape Leeuwin, etc.

IDC 19 08:18:59.7-0.8, 44.78N-152.74E, h0km, mb3.7/13, mb1 4.0/16, mb1mx3.8/53, mbtmp3.8/16, ML3.3/3, MS2.8/3, Ms1 2.8/3, ms1mx2.4/47, Error ellipse: s-maj=24.4km s-min=17.4km az=159.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKHL, JAYapura, JMA 19 08:19:03.0, etc.

IDC 19 08:43:31.51:1.4, 13.14N:144.14E, h0km, mb3.4/3, mb1 3.3/3, mb1mx3.3/36, mbtmp3.4/3, Error ellipse: s-maj=34.2km s-min=16.6km az=135.0, NEIC 19 08:43:35.6:2.3, 13.3N:0.2:144.02E:0.07, h39km, 17km, mb4.4/7, Error ellipse: s-maj=25.8km s-min=8.0km az=165.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUM0 Guam, MAJO Matsushiro, MJB9 Matsu-Tunnel, etc.

WEL 19 09:13:59.2:1.1, 34.5S:178.0E:1.5, h33km, M4.0/6, mb4.4/1, ML4.3/14, MLv4.0/6, Mw(MB)3.5/1, Error ellipse: s-maj=0.0km s-min=0.0km az=102.5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakoa Point, WMGZ Waioamatatini S, HAZ Te Kaha, etc.

IDC 19 09:28:39.0:1.0, 30.29S:71.91W, h0km, mb4.4/5, mb1 4.3/10, mb1mx4.0/28, mbtmp4.2/10, ML3.8/5, MS3.6/4, Ms1 3.6/4, ms1mx3.2/17, Error ellipse: s-maj=31.3km s-min=21.3km az=97.0

GUC 19 09:28:40.4:0.5, 30.25S:72.16W, h44km, 3km, ML4.3, NEIC 19 09:28:41.8:2.0, 30.27S:0.01:71.98W:0.12, h16km, 4km, mb4.5/7, ML4.4(GUC), Error ellipse: s-maj=8.8km s-min=0.5km az=88.0

VAO 19 09:28:42.0:0.4, 30.09S:71.94W, h10km, mb4.4, ISC 19 09:28:38.0:1.9, 30.24S:0.04:72.28W:0.06, h1km, 11km, n151, 0.1962/149, mb4.6/6, 3C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO05 La Serena, CO04 Tololo Observa, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GO03 Copiap, PELZ Peldehue, ZON Zonda, AGUA GUANDACOL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbrok, BOSA Boshof, TORO Torodi Arr, etc.

KMA 19 09:45:22.4:0.9, 38.37N:128.60E, h9km, 4km, Error ellipse: s-maj=10.0km s-min=3.9km az=23.0, North Korea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 19 09:53:58.4:15.0, 36.84N:71.69E, h104km, 79km, mb3.4/2, mb1 3.4/8, mb1mx3.1/42, mbtmp3.8/8, ML3.6/6, MS3.3/4, Ms1 3.6/4, ms1mx2.6/36, Error ellipse: s-maj=170.1km s-min=50.9km az=176.0

NNC 19 09:54:09.5:4.7, 37.85N:71.74E, h175km, 77km, mb2.7, mpv3.0, Error ellipse: s-maj=49.0km s-min=24.5km az=110.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

IDC 19 09:54:16.8:8.8, 36.79N:71.26E, h134km, 62km, mb3.4/3, mb1 3.4/9, mb1mx3.1/42, mbtmp3.9/9, Error ellipse: s-maj=10.3km s-min=5.0km az=167.0

NNC 19 09:54:19.7:6.4, 37.07N:71.48E, h204km, 90km, mb3.1, mpv4.1, Error ellipse: s-maj=61.5km s-min=39.7km az=24.0

ISC 19 09:54:12.1:2.2, 36.6N:0.2:71.3E:0.1, h100km, n14, 0.144/18, mb3.7/3, 6C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like MKAR Makanchi Array, KURBS Kurchatov Arra, AB31 Akbulat array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like ILAR, ZALV Zalesovo Beam, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like ARMA, RMQ Roma, CTA Charters Tower, etc.

KRNET 19 09:54:52.4:0.1,39.62N:71.65E,h35km,mb2.9,12C-2D,

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like DRK Karamyk, BTk Batken, OHH Osh, etc.

IDC 19 10:15:47.8:1.4,12.36N:143.55E,h0km,mb4.0/5,

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like GUMO Guam, H1N1 WAKE ISLAND Hy, BATI Baumata, etc.

ARMA comp=Z,6.9nm,1.2s Iamb Iamb 11 36 51.5

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like RMQ Roma, CTA Charters Tower, CTAO Charters Tower, etc.

IDC 19 10:15:22.6:0.6,6.72S:154.63E,h0km,mb4.2/4,

mb1 4.4/18,mb1mx3.3/43,mbtmp4.3/18,ML3.9/3,MS3.7/13, Ms1 3.7/13,ms1mx3.5/31, Error ellipse: s-maj=17.4km s-min=16.5km az=113.0

NEIC 19 10:15:27.9:2.0,6.77S:109.154:70E:0.08,h35km,2km,

mb4.5/18, Error ellipse: s-maj=15.7km s-min=12.1km az=38.0

DJA 19 10:15:32.3:0.5,7.5S:151.55E,h67km,7km,MM.5/11,

mb4.9/3,mb4.1,ML3.7/3,MMrmb4.2/3

ISC 19 10:15:28.1:0.5,6.78S:107.154:69E:0.07,h39km,n50,

s113/43,mb4.3/20,MS3.8/9,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

GUC 19 10:31:21.7:0.5,24.01S:67.46W,h216km,7km,ML3.9,2C,

Chile-Argentina border region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like LVC Limon Verde, PB05 IPOC Station P, etc.

FORT Forrest 48.29 247 P P 11 39 24.1 -0.6

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like FORT Forrest, MTN Mantion Dam, WKRA Warakura, etc.

DZM Mont Dzumac 18.97 144 Pn 19 10 45.8 -0.6

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like DZM Mont Dzumac, GUMO Guam, WR0 Warramunga Arr, etc.

NEIC 19 11:31:38.7:2.1,21.0S:0.1:179.0W:0.1,h262km,7km,

mb4.4/8, Error ellipse: s-maj=18.5km s-min=16.8km az=114.0

IDC 19 11:31:40.5:1.0,20.96S:179.11W,h647km,11km,

mb3.6/15,mb1 3.8/17,mb1mx3.7/23,mbtmp4.6/17, Error ellipse: s-maj=17.7km s-min=11.9km az=129.0

ISC 19 11:31:37.7:0.3,21.07S:0.05:178.91W:0.07,h619km,

n349,s143/376,mb4.4/49,13C-32D,Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, RIZ Raoul Island, etc.

ADK Adak 72.67 1 P P 11 42 03.5 -0.3

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like TPUB Ta-pu, NIKH Nikolski High, UNK Unalaska Valle, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Belle Mtn. Jos, Mammoth, Goldstone, Tinemaha, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like XAN X'ian, PAX, VNA2 Neumayer-Watz, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MORC Moravsky Berou, BRG Berggiesshubel, etc.

TAP 19 11:48:45.1, 24:85N, 122:00E, h17km, ML3.3, B
JMA 19 11:48:46.7, 0.1, 24:83N, 121:95E, h20km
ISC 19 11:48:46.1, 0.9, 24:83N, 121:98E, 0.02, h19km, 1km, 178, 4062/139, Taiwan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NTC Toucheng, TWB1 Santiao Chiao, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like NNSB, JTL, NED, ETL, NACB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CHN1, XPSS, TWG, TWGBT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like LUBP, Tagaytay City, Puerto Galera, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like FIA1, FINES, FIA1, FIA1, FIA1, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NC405, MUD, MUD, CDF, CDF, OSL, OSL, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ESDC, ESDC, ESDC, ESDC, ESDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KASI, KASI, LWLI, CGJI, 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, 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, Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

TAP 19 15:21:21.2, 21°60'N, 121°87'E, h36km, ML2.7, D
JMA 19 15:21:23.0, 21°51'N, 122°23'E, h73km, M3.4
ISC 19 15:21:23.0, 21°21'N, 01°121'82"E, 0.05, h30km, 11km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Lan-yu, Hengchun, Ludao, etc.

NEIC 19 15:42:09.6, 0.4, 36°87'N, 01°02'97.65W, 0.02, h5km, 7km,
Error ellipse: s-maj=3.1km s-min=1.4km az=46°
TUL 19 15:42:09.6, 0.4, 36°90'N, 01°02'97.65W, 0.02, h5km, 7km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Sooner Cattle, Winter Ranch, Oklahoma City, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Lake Whitney, White Oak Lake, Washetta, Paris, etc.

KRNET 19 15:51:07.0, 2.0, 1.40, 90N, 73.18E, h13km, mb3.7
NNC 19 15:51:07.5, 1.5, 40.89N, 73.20E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=12.4km s-min=6.2km az=175.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Osh, Andizhan, Namangan, Fergana, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Charvak, Booms koye usch, Ulahol, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Charvak, Booms koye usch, Ulahol, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Emei, Fushou, Hsinchu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Takato, Shimob, Ryogami san, etc.

JMA 19 16:41:03.2,35:81N,138:18E, h16km, 1km, M2.9, Eastern Honshu

MAN 19 16:53:19.6, 4.60N; 125.72E, h155km, mb4.4, ML3.3, MS3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Davao City-Mi, Baumata, etc.

IDC 19 17:01:38.8, 0.8, 4.50S; 100:38E, h0km, mb4.1/19, mb1.4/21, mb1mx4.0/55, mbmp4.1/21, ML4.1, MS2.7/1, Ms1.2/9.1, ms1mx2.3/37, Error ellipse: s-maj=28.4km s-min=12.0km az=53.0

NEIC 19 17:01:41.0, 1.6, 4.5S; 0.1, 100:43E, h0km, h12km, 4km, mb4.4/19, Error ellipse: s-maj=18.1km s-min=5.1km az=213.0

DJA 19 17:01:43.1, 0.5, 4.3S; 101:0E, h143km, 13km, M4.6/17, mb4.5/12, mb5.3/4, ML4.6/17, Mw(mb)4.7/9

IDC 19 17:01:43.7, 0.6, 4.43S; 0.09, 100:45E, 0.09, h35km, n76, s=1925/75, mb4.3/26, Southwest of Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Maura Aman, Be, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Wanaqama, Taliwang, Sumb, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karatuy, Hailar, Ussuriysk Ar, etc.

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

KRSC 19 17:03:22.8, 2.0, 4.8; 82N; 157.22E, h31km, 34km, ML4.2 SKHL 19 17:03:22.0, 0.6, 4.8; 60N; 156.80E, h61km, 5km, mb4.5/6

IDC 19 17:03:27.1, 3.2, 4.8; 95N; 156.15E, h50km, 28km, MS3.4/16, mb1.3/9.19, mb1mx3.5/11, mbmp3.7/19, ML3.3/3, Error ellipse: s-maj=25.15km s-min=16.7km az=125.0

IDC 19 17:03:23.0, 0.8, 4.8; 100:07, 156:67E, 0.09, h35km, n75, s=1915/74, mb3.7/16, East of Kuril Islands

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kamikawa-asahi, Asahikawa, etc.

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

IDC 19 17:08:15.9, 0.8, 4.8; 85N; 156:39E, h0km, mb3.9/21, mb1.4/12, mb1mx4.0/54, mbmp4.0/27, ML4.6/22, MS3.5/14, Ms1.3/14, ms1mx3.2/40, Error ellipse: s-maj=20.0km s-min=13.9km az=129.0

SKHL 19 17:08:19.1, 0.7, 4.8; 80N; 156:80E, h48km, 4km, mb4.8/9 KRSC 19 17:08:19.8, 1.9, 4.8; 88N; 157:30E, h3km, 33km, ML4.5

IDC 19 17:08:21.1, 1.1, 4.8; 83N; 156:21E, h36km, mb4.5/18, Error ellipse: s-maj=9.1km s-min=3.7km az=81.5

NEIC 19 17:08:22.5, 2.1, 4.8; 90N; 10:156:3E, 0.2, h40km, 9km, mb4.5/24, Error ellipse: s-maj=21.6km s-min=9.2km az=122.0

IDC 19 17:08:21.8, 1.1, 4.8; 81N; 0:06:156:49E, 0:07, h42km, 9km, n227, s=1925/239, mb4.4/57, MS3.7/10, 21C-1D, East of Kuril Islands

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

19d 17h

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mutnovka, Russkaya, Gorelyy, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, TIKSI, WAKE ISLAND, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NOA, NORARS Array B, Kislovodsk, etc.

ISK 19 17:11:46.9, 40:47'N-35:32'E, h4km, ML2.73, Turkey
DDA 19 17:11:47.2, 40:46'N-35:37E, h8km, 2km, ML2.6, Turkey

Table with columns for Code, Station Name, Az, El, Op, Phase, ISC, h, n, s, Res, Time. Includes stations like AMSY, CKRK, KIZO, etc.

Table with columns: KKK, DMN, GKN, KOLN, DANN, PYUN, MKAR, MKAR, FINES. Includes station names, coordinates, and time/res data.

IDC 19:20:16:08.9, 24.26N, 122.06E, h18km, ML1.9, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, MSFV, WRA, ASAR, FITZ, BATI, SONM, ILAR, MKAR, ARCES.

MAN 19:20:13:30.6, 19.27N, 122.16E, h27km, mb3.7, ML2.5, MS2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, WRA, MKAR.

TAP 19:20:16:08.9, 24.26N, 122.06E, h18km, ML1.9, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWB1, NTC, NTC, TIPB, TWC, TWC, TWC, NWF, WFSB, TWE, TWE, TWE, NDS, ENT, ENT, ENT, NWT, NWT, YM08, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NACB.

TAP 19:20:16:09.1, 24.27N, 121.80E, h18km, ML1.7, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENA, ENA, EWUT, EWUT, ETL, ETL, NACB, NACB, TWD.

Table with columns: TWD, ETLH, ETLH, NNSB, NNSB, ETM, NNS, NNS, TWE, TWE, WHF, WHF, FUSS, FUSS, ES, ES, ES, TDCB, TDCB, CHGB, CHGB, WHP, WHP. Includes station names, coordinates, and time/res data.

NEIC 19:20:27:21.3, 1.0, 35.8S, 0.2, 101.8W, 0.1, h10km, 2km, mb4.6/12, Error ellipse: s-maj=30.7km s-min=5.5km az=213.0

IDC 19:20:27:22.2, 11.0, 35.43S, 101.51W, h0km, mb4.1/4, mb1 4.5/4, mb1mx4.0/24, mbtmp4.1/4, MS3.8/2, Ms1 3.8/2, ms1mx3.2/26, Error ellipse: s-maj=310.0km s-min=42.1km az=15.0

ISC 19:20:27:20.8, 1.4, 35.8S, 0.2, 101.8W, 0.2, h10km, n25, 0.086/17, mb4.5/9, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, PLCA, AC04, AC02, LPAZ, LPAZ, LPAZ, AQDB, AQDB, ROSC, SNA, SNA, TX31, TX32, TXAR, TXAR, TXAR, NVAR, NVAR, PD31, PDAR, HLID, HLID, STKA.

IPEC 19:20:28:13.0, 0.0, 3.51N, 16.22E, h0km, ML2.3/3, Error ellipse: s-maj=2.0km s-min=1.5km az=33.0

IDC 19:20:28:14.5, 0.0, 51.48N, 15.85E, h0km, mb1 3.2/9, mb1mx3.1/44, mbtmp3.1/9, ML2.8/9, Error ellipse: s-maj=12.1km s-min=2.1km az=102.0

DNK 19:20:28:14.0, 1.8, 51.57N, 16.18E, h270km, 193km, ML2.1 PRU 19:20:28:16.5, 0.0, 51.40N, 16.13E, h0km VIE 19:20:28:16.4, 0.0, 51.29N, 16.00E, h0km, mb2.7/11, ml2.4/13, ms3.3/1, Error ellipse: s-maj=4.7km s-min=4.0km az=154.0 73 km WNW of Wroclaw Suspected Mining

ISC 19:20:28:12.4, 0.7, 51.54N, 16.03E, 16.12E, 0.02, h0km, n50, 0.1522/93, 3C-1D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, KSP, KSP, DPC, DPC, PVCC, PVCC, BRG, BRG, BRG, KRLC, KRLC, PRU, PRU, CLL, CLL, CLL, MORC, MORC, MORC, OKC, OKC, VRAC, VRAC, VRAC.

Table with columns: VRAC, VRAC, KRUC, KRUC, NKC, NKC, NKC, OJC, OJC, OJC, Velka Javorina, Velka Javorina, Velka Javorina, GERES, GERES, SMOL, SMOL, MODS, MODS, NIE, NIE, NIE, VYHN, VYHN, CONA, CONA, MOA, MOA, MOA, STHS, STHS, ARSA, ARSA, ARSA, LUNU, LUNU, BLEU, BLEU, BLEU, BJUU, BJUU, BJUU, SOKA, SOKA, SOKA, DEL, DEL, DEL, OBKA, OBKA, OBKA, WATA, WATA, WATA, MYKA, MYKA, MYKA, WTTA, WTTA, WTTA, MOTA, MOTA, MOTA, ABTA, ABTA, ABTA, RETA, RETA, RETA, RETA, SOTA, SOTA, SOTA, SOTA, FETA, FETA, FETA, DAVA, DAVA, DAVA, DAVOX, DAVOX, DAVOX, AKASG, AKASG, AKASG, AKASG, HFS, HFS, NOA, NOA, FINES, FINES, EKA, EKA, ARCES, ARCES.

IDC 19:20:30:54.6, 0.9, 36.16S, 99.91W, h0km, mb4.0/9, mb1 4.2/9, mb1mx4.1/26, mbtmp4.0/9, MS3.7/1, Ms1 3.7/1, ms1mx3.0/29, Error ellipse: s-maj=25.8km s-min=22.4km az=117.0

NEIC 19:20:30:56.6, 1.5, 36.25S, 0.1, 99.91W, 0.07, h10km, 1km, mb4.4/7, Error ellipse: s-maj=24.5km s-min=10.2km az=356.0

ISC 19:20:30:56.7, 0.9, 36.25S, 0.1, 99.91W, 0.02, h14km, n23, 0.0584/13, mb4.2/10, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RP, RP, H03S2, H03S1, H03S3, PLCA, PLCA, AC04, AC04, LVC, LVC, LPAZ, LPAZ, LPAZ, SIV, SIV, GSPA, GSPA, VNA, VNA, VNA, VNA, SNA, SNA, SNA.

Table with columns: JTZ, Takazaki, 1.31 341 P, Pn, 22.06 13.4 +0.1, 22.06 30.4 +0.4

IDC 19 22:09:14.5:1.0, 18.90S:172.67W, h0km, mb4.0/9, mb1 4.3/11, mb1mx4.1/28, mbtmp4.1/11, ML3.9/2, MS3.5/8, Ms1 3.5/8, ms1mx3.2/38, Error ellipse: s-maj=38.6km s-min=20.3km az=151.0

NEIC 19 22:09:16.5:1.3, 18.95S:0.1x172.67W:0.09, h12km, 5km, mb4.6/9, Error ellipse: s-maj=18.3km s-min=11.9km az=197.0

ISC 19 22:09:16.5:0.6, 18.85S:0.1x172.67W:0.09, h13km, n37, a128/30, mb4.3/14, MS3.5/5, Tonga Islands region

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 19 22:19:18.9:1.5, 35.72N:31.15E, h6km, mb3.5/2, mb1 3.5/7, mb1mx3.4/5, mbtmp3.5/7, ML3.3/5, MS3.0/2, Ms1 3.1/2, ms1mx2.4/36, Error ellipse: s-maj=23.7km s-min=19.6km az=57.0

DDA 19 22:19:21.1, 35.68N:31.45E, h8km, 3km, ML2.9 NIC 19 22:19:23.0:0.0, 35.57N:31.31E, h7km, 2km, M13.3/7 ISC 19 22:19:23.5:1.2, 35.58N:0.03x31.34E:0.02, h33km, 5km, n70, a168/95, Cyprus region

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: BERE, Bureket-Mersin, 1.67 66 PN, Pn, 22.19 50.9 +0.4

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 19 22:34:43.7:1.6, 31.37S:71.74W, h0km, mb4.3/1, mb1 3.9/4, mb1mx3.6/26, mbtmp3.9/4, ML3.7/3, MS3.0/1, Ms1 3.0/1, ms1mx2.7/21, Error ellipse: s-maj=72.7km s-min=39.0km az=132.0

GUC 19 22:34:49.0:0.7, 31.19S:71.71W, h32km, 4km, ML3.9 NEIC 19 22:34:49.4:1.0, 31.16S:0.04x71.75W:0.09, h30km, 6km, mb4.2/7, ML3.9(GUC), Error ellipse: s-maj=11.5km s-min=5.6km az=101.0

ISC 19 22:34:48.6:1.1, 31.19S:0.02x71.74W:0.07, h27km, 9km, n52, a1906/61, mb4.3/3, 5C-4D, Near coast of central Chile

Main table for the fourth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: MT09, comp=E, 590nm, 0.3s, IAML, 22.36 15.2

Main table for the fifth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

DJA 19 22:51:57.5:0.6, 4.56S:12.82E, h113km, 4km, M3.2/6, MLV3.2/6, Seram

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

JMA 19 23:02:59.6:0.2, 24.34N:122.89E, h84km, 2km, M2.0 TAP 19 23:03:00.6, 24.21N:122.87E, h72km, 1km, ML2.7, D ISC 19 23:03:00.4:1.4, 24.24N:0.06x122.92E:0.03, h77km, 10km, n47, a658/83, Taiwan region

Main table for the sixth section with 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 CHGB Renai, TDCB Tech, EHY Hungye, etc.

IDC 19 23:08:50.5±1.6, 28.31N±0.6E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.4/49, mbtmp3.7/6, ML3.6/1, Error ellipse: s-maj=102.2km s-min=23.6km az=57.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

NCEDC 19 23:21:17.7±1.9, 37.79N±0.02±121.96W±0.03, h7km±2km, Mw3.6/5, ML3.3/64(NEIC), Error ellipse: s-maj=3.0km s-min=2.2km az=67.0

NEIC 19 23:21:17.7, 37.79N±121.96W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr:69; Mth:2.64; Mtt:1.95; Mtr:0.37; Mtr:1.95; Mtr:0.37; Fault planes solution: M3:18000x10^14 Np; M1:154x10^14 Np; M2:3.85x10^14 Np; M3:1.62x10^14 Np; M2:2.45x10^14 Np; M3:0.82x10^14 Np; M2:1.5x10^14 Np; Principal axes: T 2.8257, P1g 16.0000, Azm109.0000; N 0.6166, P1g72.0000; Azm318.0000; P -3.4423, P1g8.0000; Azm201.0000;

NEIC 19 23:21:18.1±2.1, 37.83N±0.01±121.92W±0.02, h10km±1km Error ellipse: s-maj=3.7km s-min=2.2km az=237.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BDM Black Diamond, SMCB Saint Mary's, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORV Oroville, EMB Emerald Bay, PMPB Monarch Peak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIKH Ishinomaki, JIKH Ouri, etc.

UPP 19 23:39:46.3±0.1, 67.84N±20.02E, h0km, ML1.8, Explosion HEL 19 23:39:46.9±0.0, 67.84N±20.02E, h0km, ML1.4, ML1.8(UPP), Explosion

ISC 19 23:39:46.5±0.9, 67.82N±0.03±20.22E±0.03, h0km, n26, c0598/36, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kuravaara, RATU Laukkulusta, etc.

UPP 19 23:43:15.7±0.0, 67.85N±20.21E, h0km, ML2.2, Explosion NAO 19 23:43:15.7±1.3, 67.86N±20.33E, ML2.3

IDC 19 23:43:17.0±1.4, 67.85N±20.69E, h0km, mb1 2.8/3, mb1mx2.8/37, mbtmp2.7/3, ML2.0/3, Error ellipse: s-maj=19.6km s-min=7.7km az=117.0

HEL 19 23:43:16.3±0.1, 67.85N±20.22E, h0km, ML2.1, ML2.2(UPP), Suspected explosion BER 19 23:43:17.4±1.7, 67.81N±20.32E, h0km, ML1.7, ML2.3(NAO), Suspected explosion

ISC 19 23:43:15.6±0.6, 67.85N±0.02±20.25E±0.02, h0km, n54, c0857/9, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kuravaara, RATU Laukkulusta, etc.

Table with columns for station call letters, frequency, and other parameters. Includes stations like GTA, GSI, AMKA, YAK, etc.

Table with columns for station call letters, frequency, and other parameters. Includes stations like TIXI, SWZ, CMWZ, SDPT, etc.

Table with columns for station call letters, frequency, and other parameters. Includes stations like KSH, KUU, KUU, KUU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like ULHL, SATY, BOOM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HOPE, MOW, VNA3, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like SFK, CHMS, CHMS, etc.

JANB	Januaría	29.45	64	eP	P	04 12 53.8	-0.5
ALF01	Guarapari-ES	29.48	77	eP	P	04 12 53.6	-0.8
SJMB	Sao Joao De Ma	29.99	74	eP	P	04 12 58.6	-0.3
ITTB	Itaituba	30.18	33	eP	P	04 12 59.9	-0.7
BSFB	Barra de Sao F	30.20	74	eP	P	04 13 00.3	-0.5
SDBA	SÃO DEODÉRIO	30.65	59	eP	P	04 13 09.0	0.0
SMTB	Santa Maria do	31.21	51	eP	P	04 13 09.9	+0.2
NAN01	Guarapari, ES	31.29	73	eP	P	04 13 09.2	-1.1
NBIT	Itapeira - BA	33.38	69	eP	P	04 13 28.8	+0.1
GDU01	Guandú, BA	33.95	67	eP	P	04 13 30.0	-0.7
BOAV	Boa Vista	34.59	60	eP	P	04 13 39.1	0.0
NBPN	Ponto Novo - B	35.19	63	eP	P	04 13 43.9	0.9
CHIC	Chicagem	35.23	356	eP	P	04 13 46.5	+1.4
MCPB	Macapa, AP	35.44	35	eP	P	04 13 46.1	-0.4
ROSC	El Rosal	35.47	355	eP	P	04 13 49.7	+2.5
comp-Z, 4.9nm, 0.6s, baz=170, slow=8.3, SNR=4.4							
ROSC	comp-Z, 1.16nm, 18.1s, baz=238, slow=39				LR	04 29 48.8	
ROSC	El Rosal	35.47	355	eP	P	04 13 47.0	-0.2
GU2C	Guayana, Caldas	35.94	354	eP	P	04 13 51.7	+0.4
RUSC	La Rusia	36.45	357	eP	P	04 13 55.1	-0.6
RUSC	La Rusia	36.45	357	eP	P	04 13 56.4	+0.7
CBOC	Ciudad Bolívar	36.64	353	eP	P	04 13 58.7	+1.8
NBLA	Lagarto - SE	36.96	65	eP	P	04 13 58.3	-1.3
DBBC	Dabeiba	37.80	352	eP	P	04 14 07.5	+0.8
NBMA	Muriti-CE	38.50	60	eP	P	04 14 12.2	-0.4
NBPS	Pedro II - PI	38.60	63	eP	P	04 14 12.9	-0.8
NBAN	Anadia - PI	38.94	65	eP	P	04 14 16.3	0.0
SMLC	San Martín de	39.38	356	eP	P	04 14 17.8	-2.1
NBLV	Livramento - P	39.89	62	eP	P	04 14 23.2	-1.1
NBMO	Morrinhos-CE	40.37	54	eP	P	04 14 27.1	-1.0
ICMP	Isla Caja de M	48.59	6	eP	P	04 15 33.6	+0.1
MLPR	Maguayes Islan	48.62	6	eP	P	04 15 33.7	-0.1
CRPR	Cabo Rojo, PR	48.65	6	eP	P	04 15 33.1	-1.0
OBIP	Obispoado Ponce	48.73	6	eP	P	04 15 32.9	-1.8
PDPF	Patillas Dam,	48.77	7	eP	P	04 15 33.9	-1.0
SJG	San Juan	48.85	7	eP	P	04 15 34.6	+0.9
CBYB	Canovanas	49.03	7	eP	P	04 15 36.0	-1.1
GCPR	Guaynabo City	49.05	7	eP	P	04 15 36.5	-1.5
comp-Z, 1.3nm, 0.8s							
VNA3	Neumayer Olym	52.23	159	eP	P	04 16 00.5	-0.1
VNA1	Neumayer-Sta	52.52	158	eP	P	04 16 03.1	+0.4
VNA2	Neumayer-Watz	52.87	158	eP	P	04 16 05.2	-0.1
comp-Z, 2.79nm, slow=6.7							
SNA4	Sanae	54.46	159	eP	P	04 16 16.9	-0.1
SNA4	Sanae	54.46	159	eP	P	04 16 15.6	-1.4
GSPA	South Pole Qui	59.49	180	eP	P	04 16 52.3	-0.5
H06E1	SOCCORRO T-PHAS32	59.49	180	eP	T	05 24 33.4	
SNR=12							
833A	Chaparral WMA,	64.45	333	eP	P	04 17 28.0	+1.7
baz=154							
VBMS	Vicksburg	65.14	342	eP	P	04 17 32.1	+1.5
143A	Socs Landing,	65.83	342	eP	P	04 17 34.6	-0.6
HPIG	HPIG	65.96	327	eP	P	04 17 36.0	-0.3
HPIG	HPIG	65.96	327	eP	IAMB	04 17 39.2	
comp-Z, 2.5nm, 1.3s							
Y45A	Yeager Farm, C	66.46	344	eP	P	04 17 39.7	+0.5
X48A	Hartselle	66.46	346	eP	P	04 17 39.1	-0.1
237A	Washetta, Mont	66.50	338	eP	P	04 17 39.4	0.0
JCT	Junction City	66.53	334	eP	P	04 17 39.8	0.0
JCT	Junction City	66.53	334	eP	P	04 17 41.0	+1.2
baz=154							
V58A	Windy Hill, Pi	66.56	353	eP	P	04 17 40.1	+0.4
V58A	Windy Hill, Pi	66.56	353	eP	IAMB	04 17 40.6	
comp-Z, 1.6nm, 1.0s							
Z41A	Richland Creek	66.74	341	eP	P	04 17 42.3	+1.4
W50A	Signal Mountain	66.85	348	eP	P	04 17 40.8	-0.9
V53A	Saluda	66.90	350	eP	P	04 17 41.9	-0.1
V53A	Saluda	66.90	350	eP	IAMB	04 17 43.3	
comp-Z, 1.1nm, 0.8s							
CPCT	Cooper Cave	66.95	349	eP	P	04 17 42.5	+0.2
CPCT	Cooper Cave	66.95	349	eP	IAMB	04 17 43.3	
comp-Z, 1.4nm, 1.0s							
SWET	Seawane	66.98	347	eP	P	04 17 42.7	+0.2
WHTX	Lake Whitney,	67.04	336	eP	P	04 17 44.1	+1.2
baz=156							
OXF	Oxford	67.05	344	eP	P	04 17 42.9	0.0
OXF	Oxford	67.05	344	eP	P	04 17 43.0	+0.2
baz=163							
TX31	Lajitas Ar. Si	67.11	330	eP	P	04 17 44.1	+0.6
TX31	Lajitas Ar. Si	67.11	330	eP	IAMB	04 17 46.0	
comp-Z, 1.3nm, 0.8s							
TX32	Lajitas Array	67.11	330	eP	P	04 17 44.2	+0.7
TXAR	Lajitas Array	67.11	330	eP	P	04 17 45.2	+1.6
comp-Z, 3.7nm, 0.7s, baz=152, slow=8.2, SNR=26							
TXAR	Lajitas Array	67.11	330	eP	LR	04 42 57.0	
comp-Z, 5.3nm, 18.6s, baz=0.0, slow=32							
TXAR	Lajitas Array	67.11	330	eP	P	04 17 44.9	+1.4
PLAL	Pickwick Lake	67.19	345	eP	P	04 17 44.1	+0.3
PLAL	Pickwick Lake	67.19	345	eP	IAMB	04 17 45.9	
comp-Z, 1.1nm, 1.1s							
WLAR	White Oak Lake	67.23	341	eP	P	04 17 43.8	-0.2
V51A	Loudon	67.27	349	eP	P	04 17 44.5	+0.2
V51A	Loudon	67.27	349	eP	IAMB	04 17 45.5	
comp-Z, 1.4nm, 0.9s							
VNDA	Vanda	67.37	191	eP	P	04 17 46.3	+1.8
comp-Z, 1.1nm, 0.7s, baz=134, slow=5.9, SNR=4.3							
TS9A	Double "B" Far	67.59	355	eP	P	04 17 46.0	-0.2
TS9A	Double "B" Far	67.59	355	eP	IAMB	04 17 48.4	
comp-Z, 2.1nm, 1.1s							
V48A	Smith Brothers	67.66	347	eP	P	04 17 45.2	-1.6
CLTN	Cedars of Leba	67.91	347	eP	P	04 17 48.9	+0.6
CLTN	Cedars of Leba	67.91	347	eP	IAMB	04 17 49.8	
comp-Z, 1.2nm, 0.9s							
BLA	Blacksburg	68.10	352	eP	P	04 17 50.0	+0.4
baz=172							
MIAR	Mount Ida	68.17	341	eP	P	04 17 50.0	0.0
MIAR	Mount Ida	68.17	341	eP	IAMB	04 18 04.9	
comp-Z, 1.6nm, 1.4s							
MIAR	Mount Ida	68.17	341	eP	P	04 17 50.8	+0.8
baz=160							
Z35A	Perchaven, San	68.19	337	eP	P	04 17 50.7	+0.6
W41B	Gary Maivity, V	68.39	342	eP	P	04 17 51.7	+0.4
baz=161							
ABTX	Abilene, Hawle	68.39	335	eP	P	04 17 49.5	-2.0
ABTX	Abilene, Hawle	68.39	335	eP	P	04 17 52.1	+0.6
baz=154							
LNXT	Lenox	68.58	344	eP	P	04 17 51.4	-1.1
W39A	Magazine	68.84	341	eP	P	04 17 53.5	-0.6
W39A	Magazine	68.84	341	eP	P	04 17 55.1	+1.0
baz=160, SNR=12							
T47A	Sharon Grove	68.93	347	eP	P	04 17 53.4	-1.3
T47A	Sharon Grove	68.93	347	eP	IAMB	04 17 56.0	
comp-Z, 2.7nm, 1.1s							
LCAR	Lake Charles	68.95	343	eP	P	04 17 53.7	-1.1
LCAR	Lake Charles	68.95	343	eP	IAMB	04 17 56.3	
comp-Z, 1.6nm, 0.7s							
FCAR	Ozark Folk Cen	69.03	342	eP	P	04 17 53.9	-1.4
PBMO	Poplar Bluff	69.45	344	eP	P	04 17 56.4	-1.5
PBMO	Poplar Bluff	69.45	344	eP	IAMB	04 17 59.4	
comp-Z, 1.4nm, 0.8s							
X34A	Smith Ranch, M	69.55	337	eP	P	04 17 58.2	-0.4
X34A	Smith Ranch, M	69.55	337	eP	IAMB	04 18 00.7	
comp-Z, 2.0nm, 0.9s							
U40A	Yellville	69.67	342	eP	P	04 17 58.5	-0.8
U40A	Yellville	69.67	342	eP	IAMB	04 18 00.9	
comp-Z, 2.2nm, 1.1s							
U40A	Yellville	69.67	342	eP	P	04 17 59.7	+0.4
T42A	Van Buren	69.85	343	eP	P	04 17 59.8	-0.6
T42A	Van Buren	69.85	343	eP	IAMB	04 18 01.6	
comp-Z, 1.3nm, 1.2s							
MNTX	Cornudas Mount	69.89	330	eP	P	04 18 01.1	+0.4
MNTX	Cornudas Mount	69.89	330	eP	P	04 18 01.0	+0.2
baz=149							
HHAR	Hobbs	69.90	341	eP	P	04 18 01.1	+0.4
HHAR	Hobbs	69.90	341	eP	IAMB	04 18 02.4	
comp-Z, 2.23nm, 0.9s							
WMOK	Wichita Mounta	69.99	336	eP	P	04 18 01.8	+0.4
baz=155							
TUL1	Leonard	70.09	339	eP	P	04 18 02.5	+0.6
TUL1	Leonard	70.09	339	eP	P	04 18 02.4	+0.5
baz=158, SNR=6.6							
US8A	Gravette	70.17	341	eP	P	04 18 02.6	+0.2
US8A	Gravette	70.17	341	eP	IAMB	04 18 04.0	
comp-Z, 2.0nm, 1.4s							
MGMO	Mountain Grove	70.27	343	eP	P	04 18 02.9	-0.1
MGMO	Mountain Grove	70.27	343	eP	IAMB	04 18 04.7	
comp-Z, 1.3nm, 1.1s							
MCWV	Mont Chateau	70.46	353	eP	P	04 18 04.5	+0.5
baz=172							

FVM	French Village	70.60	344	eP	P	04 18 03.1	-1.8
P51A	Williamsport	70.67	351	eP	P	04 18 04.8	-0.6
P52A	Corning	70.70	351	eP	P	04 18 05.5	0.0
baz=170							
MSTX	Muleshoe	70.78	333	eP	IAMB	04 18 05.2	-1.0
MSTX	Muleshoe	70.78	333	eP	P	04 18 06.7	+0.4
comp-Z, 2.3nm, 0.9s							
MSTX	Muleshoe	70.78	333	eP	P	04 18 06.7	+0.4
baz=152							
QLIL	Oliney	70.81	346	eP	P	04 18 05.9	-0.3
QLIL	Oliney	70.81	346	eP	IAMB	04 18 07.3	
comp-Z, 2.2nm, 1.2s							
CCM	Cathedral Cave	70.86	344	eP	P	04 18 06.2	-0.3
CCM	Cathedral Cave	70.86	344	eP	P	04 18 06.9	+0.4
baz=162							
O56A	Blue Knob Sta	70.94	354	eP	P	04 18 07.5	+0.4
baz=174							
P49A	Miami Univ. Ec	70.97	349	eP	P	04 18 07.5	+0.3
baz=168							
P48A	Milroy	71.02	349	eP	P	04 18 06.9	-0.6
P48A	Milroy	71.02	349	eP	IAMB	04 18 07.6	
comp-Z, 1.3nm, 0.9s							
S39A	Bolivar	71.05	342	eP	P	04 18 07.9	+0.2
S39A	Bolivar	71.05	342	eP	IAMB	04 18 09.4	
comp-Z, 2.8nm, 1.1s							
AMTX	Amarillo	71.17	334	eP	P	04 18 08.8	+0.2
AMTX	Amarillo	71.17	334	eP	IAMB	04 18 10.8	
comp-Z, 2.9nm, 1.2s							
AMTX	Amarillo	71.17	334	eP	P	04 18 09.2	+0.6
baz=153							
T35A	Sooner Cattle	71.24	339	eP	P	04 18 08.2	-0.7
T35A	Sooner Cattle	71.24	339	eP	IAMB	04 18 11.5	
comp-Z, 2.2nm, 1.1s							
R40A	Tussock Statio	71.34	343	eP	P	04 18 08.6	-0.8
ACSO	Alum Creek Sta	71.40	351	eP	P	04 18 09.0	-0.8
ACSO	Alum Creek Sta	71.40	351	eP	IAMB	04 18 10.9	
comp-Z, 2.0nm, 0.8s							
ACSO	Alum Creek Sta	71.40	351	eP	P	04 18 09.9	+0.1
baz=162							
N59A							

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

IDC 20 08:30:13.0,63.0,20.03S,178.34E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.6/3, mbtmp3.6/3, Error ellipse: s-maj=1125.0km s-min=158.9km az=81.0, South of Fiji Islands

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

JMA 20 08:36:42.5,0.2,39.57N,143.80E, h14km, mb4.7, M4.7 NIED 20 08:36:42.5,39.57N,143.80E, h14km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mm=6.21; M00=6.24; M10=1.36; M20=2.55; M30=2.39; Fault plane solution: M07.23000x10^15 NP1:0.24.000000; 0.56.000000; 0.95.000000; NP2:0.194.000000; 0.34.000000; 0.82.000000

IDC 20 08:36:44.5,0.2,39.57N,143.80E, h0km, mb4.1/17, mb1 4.3/22, mb1mx4.2/40, mbtmp4.1/22, ML3.6/4, MS3.8/14, Ms1 3.8/14, ms1mx3.5/53 Error ellipse: s-maj=18.7km s-min=15.1km az=140.0, NEIC 20 08:36:45.3,1.2,39.45N,106.144,0E,0.1, h24km, mb4.7/39, Error ellipse: s-maj=13.1km s-min=8.6km az=110.0, MOS 20 08:36:45.2,1.0,39.60N,143.61E, h23km, mb4.9/32, Error ellipse: s-maj=7.2km s-min=5.1km az=105.4, ISC 20 08:36:45.9,0.8,39.52N,104.413,77E,0.05, h23km, mb4.9, n206, 0.1963/222, mb4.7/72, MS4.2/21, 18C-9D, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasawa, JTH Tanohata, JFJ Otama, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEY comp=N,100nm,15.0s, JWJT Wachi, JHS Saijo, USA0B Ussuriysk Arra, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND HY 28.02 128, H11N1 WAKE ISLAND HY 28.03 128, H11N3 WAKE ISLAND HY 28.04 128, etc.

20d 9h

Table with columns for station code, name, frequency, and signal strength. Includes stations like MJAR, MAJO, MAJQ, MAT, etc.

2015 OCT

Table with columns for station code, name, frequency, and signal strength. Includes stations like INCN, YOJ, YOK, etc.

850

Table with columns for station code, name, frequency, and signal strength. Includes stations like SNY, CN2, TIA, etc.

20d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, KEV Kevo, SALU Saliloukka, etc.

ISK 20 10:00:41.4, 38°58'N-40°70'E, h17km, ML2.8/9
DDA 20 10:00:41.6, 38°56'N-40°70'E, h7km, 3km, ML2.5
ISC 20 10:00:41.6, 1.0, 38.57N-0.02, 40.70E, 0.03, h12km, 8km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HANI Diyarbakir Han, BNGB Bingli, SLHN Solhan, etc.

ISC 20 10:05:21.8, 0.7, 30°78'S-71°39'W, h0km, mb3.9/5,
mb1.4, 10.0, mb1mx3.9/2, mbmp3.8/10, ML4.0/5, Error ellipse: s-maj=24.1km s-min=19.2km az=112.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO03 El Pedregal, GO04 Tololo Observa, etc.

2015 OCT

Table with columns: ZON, ZON, sS, S, Sn, Time, Res. Includes stations like MT05 Renca, RT05 Cerro Valdivia, etc.

IDC 20 10:06:07.8, 0.4, 30°74'S-71°38'W, h0km, mb5.0/12,
mb1.5, 11/17, mb1mx4.9/25, mbmp4.9/17, ML4.7/5, MS4.2/5,
Ms1.4/2.5, ms1mx4.0/10, Error ellipse: s-maj=16.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO06 El Pedregal, GO04 Tololo Observa, etc.

858

Table with columns: CO06, CO06, sS, S, Sn, Time, Res. Includes stations like CO03 El Pedregal, CO03 El Pedregal, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like VAOP Valinhos, PARB Parahubana, CLDB Colider, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NHSC New Hope, 833A Chaparral WMA, HKT Hockley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WMOK Wichita Mounta, Q52A Bidwell, S44A Cambridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WMOG Wichita Mounta, Q52A Bidwell, S44A Cambridge, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like KIV, FITZ, ARU, SEY, etc.

NEIC 20 10:08:53.0, 1.4, 5.30S; 0.07x146.3E; 0.1, h10km, mb4.0/9, Error ellipse: s-maj=23.6km s-min=11.5km az=103.0

IDC 20 10:08:53.6, 1.3, 5.44S; 146.05E, h0km, mb3.8/5, mb1.4, 0.9, mb1mx3.742, mbtmpr3.8/8, ML3.5/2, MS3.5/2, Ms1.3, 5/2, ms1mx2.8/36, Error ellipse: s-maj=40.9km s-min=22.2km az=103.0

ISC 20 10:08:53.3-0.8, 5.35S; 0.06x146.3E; 0.1, h10km, n23, 0.156/23, mb4.0/5, Eastern New Guinea region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like MANU, PMG, IMOL, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like ASAR, FITZ, STKA, etc.

ROM 20 10:35:50.6, 0.2, 4.4; 89.7N; 0.004; 1.1; 108E; 0.009, 17km, ML3.5/97, Error ellipse: s-maj=0.7km s-min=0.5km az=257.0

BGR 20 10:35:50.6, 1.5, 4.4; 48N; 10.87E, h10km, ML3.9/6, Error ellipse: s-maj=48.9km s-min=17.8km az=31.0

STR 20 10:35:53.4, 2.6, 4.5; 1.9; 9.2; 1.2E; 2.3, h10km, mb3.7/2, mb5.3/1, MLV3.9/16, Mw(mb)4.8/1

IASPEI 20 10:35:53.2, 0.8, 4.4; 90N; 0.02; 1.1; 10E; 0.02; h12km, 5km, Error ellipse: s-maj=3.5km s-min=2.7km az=99.1, G75 selection from ISC bulletin G75 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <S>Seism. Res. Lett., 804, 465-472, 2009

GEN 20 10:35:53.44, 89.7N, 11.18E, h4km, 2km, M3.4, PRU 20 10:35:53.7, 0.0, 4.5; 0.06N; 10.93E, h0km, LDG 20 10:35:54.7, 0.1, 4.4; 89N; 11.14E, h4km, Md3.4/3, M3.7/29, Error ellipse: s-maj=2.0km s-min=1.5km az=62.0

ISC 20 10:35:52.8, 0.8, 4.4; 90N; 0.01; 1.1; 09E; 0.01, h14km, 5km, n237, 0.154/278, 9C-13N, Northern Italy

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like CAVE, NDIM, RAVA, SERM, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like BRIS, SALO, SALO, SALO, etc.

2015 OCT

863

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vranov, Unica-Piva, Bois d'Angland, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Okushiri-Mats, Yakumo 2, Hiyamasetana, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matsushiro Arr, ZALV, MKAR, ILAR, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HWA, HWA, TWT, etc.

20d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNM Kinmen, KNMB Chin-men Tao, AXDP Jialang, ZPLA Ao Xicun, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, TIXI Tiksi, NRK Noril'sk, ASAR Alice Springs, etc.

Table with columns: OWD, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OWD, EGFH Guangfu, TWPB Shuangxi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP 20 11:53:28.3,24:88N:121.77E, NTC Toucheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHP Heping Village, ETL Fush Village, ENA Nanai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BER 20 12:03:07.8,1.1,60:80N:11:32E, NC602 NORSAR Array S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UPP 20 12:03:52.1,0.4,57:74N:18:70E, SKO 20 12:12:45.6,41.70N:22:34E, etc.

Table with columns: SAJU, VAY, VAY, KNT, KNT, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valandovo, Kendrikon, BEO 20 12:13:18.7,1.2,42:43N:24:15E, etc.

INET 20 12:15:28.4, 10:93N:86:91W, h29km, MW3.9, IDC 20 12:15:30.8, 2.1, 12:07N:85:42W, h0km, mb3.5/4, mb1.4/0.4, mb1mx3.7/38, mbtmp3.5/4, M3.2/2, Ms1.3/32, ms1mx2.9/19, Error ellipse: s-maj=148.5km s-min=46.5km az=48.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBSS Finca Las lmg, LAPC Finca la Perla, SAJU San Juanillo, etc.

IDC 20 12:36:15.3,4.2,3:31S:138:44E, h0km, mb3.1/2, mb1.3/5/4, mb1mx3.3/23, mbtmp3.3/4, M3.2/2, Error ellipse: s-maj=140.9km s-min=32.3km az=90.0, Northern Jaya

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

IDC 20 12:40:22.5,2.3,2:42N:126:70E, h0km, mb3.3/3, mb1.3.5/4, mb1mx3.3/34, mbtmp3.3/3, Error ellipse: s-maj=190.2km s-min=27.2km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

AEIC 20 12:49:45.0, 51:62N:0:10, 166:0W:0:1, h3km, 8km, Error ellipse: s-maj=14.5km s-min=9.1km az=161.0, NEIC 20 12:49:45.9, 2.1, 51:7N:0:1, 166:1W:0:1, h55km, 21km, mb3.9/11, ML2.7/9(AEIC), Error ellipse: s-maj=15.8km s-min=9.7km az=159.0, South of Aleutian Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKFG Magazine Ridge, NIKH Nikolski High, UNV Unalaska Valle, etc.

IMAR Indian Mountain, NEA2 Nenana, ISLE Juniper Island, ISLE, MESA, GRNC Granite Creek, GRNC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H23K Yukon River, BCAR Beaver Creek A, COLD Coldfoot, etc.

NOU 20 12:55:36.3, 37:59S:178:91E, h100km, ML4.0/7, Off E. Coast of N. Island, N.Z. WEL 20 12:55:40.8, 0.9, 37:56S:177:8E, h49km, 5km, M3.2/29, ML3.5/30, ML3.2/29, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR Limon Verde, LVC Limon Verde, BSCB Bom Sucesso, ANMO Albuquerque, CPUP Villa Florida, PDAR Pinedale Array, DY2G Dye2, MDT Midelt, ICESG Greenland Ice, H10N2 ASCENSION HYDR52, H10N1 ASCENSION HYDR52, ESDC Sonsea Array, NVAR Mina Array Bea, KOWA Kowa, DBIC Dimbokro, SMC SUMMIT, EKA Eskdalemuir Ar, YLW Yellowknife Ar, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, DBG Daneborg, DAG Danmarks Havn, KEST Kesra, NB2 NORARSAR Subarray, NOA NORARSAR Array B, NOA Nord, CLL Colim, GERES GERESS Array B, BRG Berggliesshubel, BRG Berggliesshubel, HFS Hagfors, MORC Moravsky Perou, ARCES ARCES Array B, ILAR Eielson Array, BZS Buzias, FINES FINES Array B, BURAR Bucoquina Array, AKASG Malin Array Be, BRTR Keskin Array B, KBZ Khabaz, NRIK Noril'sk, VNAZ Neumayer-Watz, ANAR Alice Springs, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR SONGINGO Array, SONM SONGINGO Array, ILAR Eielson Array.

IDD 20 15:17:03.9e.1.1, 30.60N:50.30E, h0km, mb3.9/18, mb1 3.8/6, mb1mx3.6/26, mbmtpp3.6/6, ML3.8/1, Error ellipse: s-maj=57.4km s-min=30.6km, ML2.0/1, Vanuatu Islands

NEIC 20 15:17:05.7e.1.6, 30.56N:0.08S:50.34E:0.09, h10km, 1km, mb4.5/39, Error ellipse: s-maj=14.3km s-min=12.1km az=226.0

SGS 20 15:17:06.7, 30.80N:50.41E, h8km, ML4.2, THR 20 15:17:06.4, 0.5, 30.61N:50.39E, h14km, 8km, ML4.1, TEH 20 15:17:07.4, 30.66N:50.38E, h19km, ML4.1, OMAN 20 15:17:12.8, 0.7, 30.50N:50.76E, h33km, mb5.4/14, ms2.5/1, Error ellipse: s-maj=12.5km s-min=9.4km az=334.0

ISC 20 15:17:07.5, 0.4, 30.61N:0.04S:50.38E:0.04, h25km, n189, a1999/204, mb4.2/32, Northern and central Iran

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ABEH Behbahan, AMIS Amir Sefid, KAZI Kazeron, AHWZ Ahwaz, SHK1 Shahrekord, AHBH Ahrum, SHI Shiraz, IRAM Rameshbeh, IPIR Pirpir, IGAR Gharneh, UMR Um Al-Rimman, KBD Kabd, IZEF Zefreh, QRN Al-Qurain, IKLH Kalahrood, NASN Na'in, NASN Na'in, NASN Na'in, ISAD Sadrabad, KHMZ Khomeyn, KHMZ Khomeyn, QIR1 Qir, QAMS Qamsar, BMDN Meydan, IKFM Kafar-mosallman, KRSH Karshahi, IMEH Mehriz, IMEH Mehriz, ICHK Chekchek, ANAR Anarak, ASAO Ashlian, ASAO Ashlian, YZKH Yazd, YZKH Yazd, ISFB Sefidab, QYSM Um Kedad, IKOM Oom, IBZA Bozab, IVRN Varamin, KCHF Cheshme Sefid, SAKB Bahrain, SHMA Al-Shehemyia, IRJAZ Razeghan, SMAN Sihmah, SMAN Sihmah, IHSB Hasanabad, QABG Abargam-Qazvin, IDMV Damavand, ILIN Lien, DAMV Damavand, DAMV Damavand, ILAS Lasjerd, KHGB Koh Gabari, IDHR Dehrasht, THKV Tehran-Karaj, THKV Tehran-Karaj, CHTH Charan, CHTH Charan, KRBR Kerman, KRBR Kerman, TVBK T Kerman, INGR Negar Kerman, ANJ Anjlio, SHMS Shahmirzad, SLWS Slwsh, QALM Alamut, Qazvin, IPRN Peran, KHGB Koh Gabari, TRNA Tarayna, TRNA Tarayna, QSDN Sirdan, NHRD Haradh, BNSD Bandar-Abbas, BNSD Bandar-Abbas, GENO Gennoin, JRN Jern, RMAH Rumah, ASYV Ashyvat, ZNUK Zanjan, ZNUK Zanjan, TNSJ Nastaaj, TKDS Koochdasht(Taba), TABS Tabas, TABS Tabas, IGLO Ghaloglah, SHME Shamm, SHME Shamm, KHNJ Kahnjooj, BANOM Banah, BANOM Banah, KBAM BAM, SARAR Arar, ASUD Al Ashush, Dub

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MDH Madha, MDH Madha, MZWR Madinat Zayed, IKOO Kooshah, BSBR Basiran, BSBR Basiran, UOSS Minazif, UOSS Minazif, ASHO Ashiyah, ASHO Ashiyah, DWDS Al Duwadimi, QSMS Sumairaa, SBZV Sabzevar, GRMI Germi, GRMI Germi, SOHO SOHO, SOHO SOHO, MRVT Maraveh taph, MRVT Maraveh taph, LYL5 Lylis, ISFR Sfrayin, HASTF Alhafirah, BJRD Bojnurd, BJRD Bojnurd, AFFS Aff, SIRT Sirmak, SIRT Sirmak, IEMG Emangholi, GEYT Alikeb, GEYT Alikeb, GYA0B ALIBEK ARRAY, IKRD Kardeh, SMDO Samad, SMDO Samad, WSAR Wadi Sarin, WSAR Wadi Sarin, WSAR Wadi Sarin, WSAR Wadi Sarin, MHTO MHTO, MHTO MHTO, MHTO MHTO, MHTO MHTO, MMAL Mount Meron Ar, WHFO Wadi Hawf, WHFO Wadi Hawf, CSS Mathiatis, SNOP Sinop, SNOP Sinop, CHGR Chuyangaron, CHGR Chuyangaron, ELL Elmali, ELL Elmali, SOCY Socotra, SOCY Socotra, ABKAR Bakhar array, KARP Karpathos, KARP Karpathos, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, AKTO Aktuyansk, AKTO Aktuyansk, SANT Santorini, SANT Santorini, BELG Belgosarm, BELG Belgosarm, IDI Anoyia, IDI Anoyia, AAK Ash-Archa, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, ITM Ithomi, ITM Ithomi, TARG Taragay, TARG Taragay, AKASG Malin Array Be, AKAB Malin Array S, BURAR Bucoquina Array, BURAR Bucoquina Array, BVAR Borovoye Array, KURBB Kurchatov Arr, KURKB Kurchatov Arr, MKR3 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, GERES GERESS Array B, KMBO Kilima Mbogo, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Bann, VSL Villasalto, FIA1 FINES Array S, FIA1 FINES Array B, FINES FINES Array B, GRFO Grafenberg Arr, GRFO Grafenberg Arr, IN405 NORARSAR Array S, NB201 NORARSAR Array S, NOA NORARSAR Array B, GTA Gaotai, GTA Gaotai, ARCES ARCES Array B, ARCES ARCES Array B, ESK Eskdalemuir, ESK Eskdalemuir, CMAR Chiang Mai Arr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC04, VA06, GO03, VA01, etc.

IDC 20 16:55:01.4-1.5, 32.98N, 137.21E, h274km, 45km, mb2.8/2, mb1 3.0/5, mb1mx2.7/69, mbtmp3.4/5, Error ellipse: s-maj=76.0km s-min=27.6km az=40.0

JMA 20 16:55:02.0-0.4, 33.55N, 137.52E, h359km, 4km, ML2.9

ISC 20 16:55:03.5-1.2, 33.70N, 137.35E, 0.1, h352km, n15, 0.85/15, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIE, JKN2, JNY, etc.

IDC 20 17:18:50.6-4.8, 19.48S, 178.35W, h546km, 37km, mb2.6/3, mb1 2.9/4, mb1mx2.7/27, mbtmp3.5/4, Error ellipse: s-maj=53.3km s-min=30.5km az=54.0

ISC 20 17:18:50.4-1.5, 19.4S, 0.0, 178.3W, 0.2, h550km, n7, 0.82/8, mb3.2/3, Fijil Islands region

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

NOU 20 17:33:20.7, 14.74S, 167.13E, h74km, ML4.4/14, Vanuatu Islands, Vanuatu Islands

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

IPEC 20 17:41:09.1-0.3, 51.59N, 16.23E, h0km, ML2.1/3, Error ellipse: s-maj=1.8km s-min=1.5km az=42.0

DNK 20 17:41:10.7-1.7, 51.67N, 16.09E, h0km, 79km, ML1.9

PRU 20 17:41:11.0-0.0, 51.0, 16.0E, h0km, 79km, ML1.9

IDC 20 17:41:13.2-1.2, 51.36N, 16.04E, h0km, mb1 3.0/4, mb1mx2.9/39, mbtmp2.8/4, ML2.5/4, Error ellipse: s-maj=17.5km s-min=10.5km az=125.0

VIE 20 17:41:13.3, 51.35N, 16.08E, h0km, ML2.2/1 71 km WNW of Wrocław Suspected Mining induced.

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

IDC 20 17:41:09.1-0.8, 51.58N, 16.03E, h0km, n34, 0.128/60, Poland

ISC 20 17:41:09.1-0.8, 51.58N, 16.03E, h0km, n34, 0.128/60, Poland

ISC 20 17:41:09.1-0.8, 51.58N, 16.03E, h0km, n34, 0.128/60, Poland

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

IDC 20 17:54:10.4-2.9, 37.54N, 72.21E, h100km, 25km, mb3.6/8, mb1 3.7/13, mb1mx3.4/57, mbtmp4.0/13, Error ellipse: s-maj=22.4km s-min=17.1km az=37.0

BUI 20 17:54:12.9-0.0, 37.93N, 72.14E, h144km, mb3.7/1

NEIC 20 17:54:14.2-1.8, 37.74N, 72.10E, 0.07, h126km, 5km, mb4.4/13, Error ellipse: s-maj=8.4km s-min=7.8km az=76.0

SOME 20 17:54:14.6, 38.92N, 72.43E, h5km

NIC 20 17:54:16.3-2.0, 38.21N, 72.01E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=15.8km s-min=10.6km az=54.0

ISC 20 17:54:14.0-6.0, 37.75N, 72.10E, 0.05, h150km, n80, 0.272/92, mb4.0/12, 4C-5D, Afghanistan-Tajikistan border region

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

ISC 20 17:56:31.0-5.4, 11.84N, 141.38E, h119km, 69km, mb3.5/4, mb1 3.7/5, mb1mx3.2/56, mbtmp3.9/5, MS3.1/4, Ms1 3.1/4, mb1mx2.7/30, Error ellipse: s-maj=53.0km s-min=21.0km az=80.0

ISC 20 17:56:29.5-1.0, 11.8N, 141.3E, 0.1, h100km, n9, 0.073/6, mb3.7/4, Western Caroline Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBK, KK31, KK31, etc.

IDC 20 17:56:31.0-5.4, 11.84N, 141.38E, h119km, 69km, mb3.5/4, mb1 3.7/5, mb1mx3.2/56, mbtmp3.9/5, MS3.1/4, Ms1 3.1/4, mb1mx2.7/30, Error ellipse: s-maj=53.0km s-min=21.0km az=80.0

ISC 20 17:56:29.5-1.0, 11.8N, 141.3E, 0.1, h100km, n9, 0.073/6, mb3.7/4, Western Caroline Islands

ISC 20 17:56:29.5-1.0, 11.8N, 141.3E, 0.1, h100km, n9, 0.073/6, mb3.7/4, Western Caroline Islands

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

IDC 20 17:56:31.0-5.4, 11.84N, 141.38E, h119km, 69km, mb3.5/4, mb1 3.7/5, mb1mx3.2/56, mbtmp3.9/5, MS3.1/4, Ms1 3.1/4, mb1mx2.7/30, Error ellipse: s-maj=53.0km s-min=21.0km az=80.0

ISC 20 17:56:29.5-1.0, 11.8N, 141.3E, 0.1, h100km, n9, 0.073/6, mb3.7/4, Western Caroline Islands

ISC 20 17:56:29.5-1.0, 11.8N, 141.3E, 0.1, h100km, n9, 0.073/6, mb3.7/4, Western Caroline Islands

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

20d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, KURBB, AKASG.

IDC 20 18:32:28.9, 0.9, 39.40N, 69.19E, h0km, mb3.7/11, mb1 4.0/18, mb1mx3.8/4.5, mbtmp3.8/18, ML3.6/7, MS3.0/2, Ms1 0.3/2, ms1mx2.5/38, Error ellipse: s-maj=16.8km s-min=10.3km az=161.0

SOME 20 18:32:29.6, 39.53N, 69.23E, h0km MOS 20 18:32:29.8, 0.9, 39.60N, 69.06E, h16km, mb4.5/6, Error ellipse: s-maj=9.1km s-min=5.9km az=77.5

KRNET 20 18:32:30.8, 0.1, 39.54N, 69.28E, h21km, mb4.2 BUI 20 18:32:31.1, 1.0, 39.48N, 68.87E, h26km, mb3.9/4, ML3.7/2 NNC 20 18:32:31.1, 1.3, 39.60N, 69.15E, h0km, mb4.3, mpv4.1, Error ellipse: s-maj=11.7km s-min=6.2km az=1.0

NEIC 20 18:32:33.1, 2.4, 39.62N, 0.03, 69.18E, 0.06, h21km, 5km, mb4.5/23, Error ellipse: s-maj=7.2km s-min=3.5km az=119.0

ISC 20 18:32:30.1, 1.2, 39.54N, 0.03, 69.24E, 0.03, h6km, 8km, n137, r192/167, mb4.2, 18, 37C-18, Tajikistan

Main table for 20d 19h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHGR, GARM, BATKEN, etc.

2015 OCT

Main table for 2015 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USP, TKM2, ULHL, etc.

872

Table for 872 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NC303, NOA, TIXI, etc.

NNC 20 18:53:15.4, 0.6, 42.91N, 71.54E, h0km, mb3.0, mpv2.5, Error ellipse: s-maj=10.4km s-min=2.9km az=6.0

KRNET 20 18:53:16.4, 0.1, 42.79N, 71.65E, h12km, mb2.3 SOME 20 18:53:16.1, 4.2, 88N, 71.63E, h10km

ISC 20 18:53:15.6, 1.1, 42.84N, 0.03, 71.64E, 0.02, h5km, 13km, n26, r154/42, 15C-5D, Kyrgyzstan

Main table for 872 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAS, KK31, MRKS, etc.

NIC 20 19:00:49.2, 0.0, 36.197N, 27.89E, h2km, 1km, M14, 0/4 IDC 20 19:00:50.3, 0.9, 36.187N, 28.09E, h0km, mb3.6/6, mb1 3.8/12, mb1mx3.6/56, mbtmp3.6/12, ML3.7/6, MS2.7/1,

Ms 1.2/7.1, ms1mx2.0/46, Error ellipse: s-maj=17.5km s-min=16.0km az=178.0
ISK 20 19:00:50.4, 36.94N-28.04E, h5km, ML3.8/26
THE 20 19:00:51.4, 36.93N-28.05E, h1km, 2km, ML3.6/3, Error ellipse: s-maj=2.5km s-min=1.1km az=46.0
DDA 20 19:00:51.5, 36.94N-28.04E, h15km, 2km, MW3.7
ATH 20 19:00:52.0, 36.93N-28.02E, h15km, 4km, ML3.6/7, Error ellipse: s-maj=4.9km s-min=1.9km az=160.0
ISC 20 19:00:51.7, 0.9, 36.93N-0.02-28.04E:0.101, h11km, 6km, n126, s109/156, mb3.5/7, 11C-6D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations like TURK, YERKESIK, DALYAN, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations like KARP, DEMR, GOMA, BRDR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations like CMAR, IDC, NEIC, TA01, etc.

20d 20h

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like EBEN2, EAH, ECHE, MVO, etc.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like OJC, OJCOW, RAC, etc.

876

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like BMR, ARSA, GERS, etc.

VSU	Vasula	9.42 25	eP	Pn	20 26 08.7	+6.8
CABF	La Chapelle	9.45 253	eSg	Sn	20 28 38.4	+4.9
SFTF	Sextantines	9.52 264	eSg	Pn	20 28 40.4	+5.0
LPG	La Plagne	9.60 246	ePn	Pn	20 26 04.6	-0.1
LPL	La Plagne	9.60 246	ePn	Pn	20 26 04.8	+0.2
BAIF	Baives	9.68 275	ePn	Pn	20 26 01.9	-3.6
BAIF	Baives	9.68 275	ePn	Pn	20 26 41.9	+3.6
BAIF	Baives	9.68 275	eSg	Sn	20 28 48.0	+5.3
MBDF	Montbardon	10.03 242	ePn	Pn	20 26 10.4	-0.1
MBDF	Oris-en-Rattie	10.44 245	ePn	Pn	20 27 54.2	-1.0
ORIF	Hagnors	10.52 345	ePn	Pn	20 26 16.1	+0.2
HFS	comp=2.0,2nm,0.3s,baz=157,slow=16,SNR=1.4				20 26 15.8	-1.1
HFS	comp=2.0,3nm,0.3s,baz=144,slow=12,SNR=2.5				20 28 08.6	-6.8
MEF	Metsahovi	10.53 14	ePn	Pn	20 26 17.9	+0.8
LOR	Lohoni	10.57 260	ePn	Pn	20 26 15.3	-2.5
LOR	Lohoni	10.57 260	eSg	Sn	20 27 00.1	+4.2
LOR	Lohoni	10.57 260	ePn	Pn	20 29 13.0	+5.6
SMF	Signal de Mont	10.83 257	eSg	Sn	20 29 23.5	+6.0
RAF	Rauma	11.02 6	ePn	Pn	20 26 22.4	-1.3
AVF	Avril sur Loir	11.08 259	ePn	Pn	20 26 21.4	-3.2
AVF	Avril sur Loir	11.08 259	ePn	Pn	20 27 07.5	+4.3
AVF	Avril sur Loir	11.08 259	eSg	Sn	20 29 27.8	+5.9
NOA	NORSAR Array B	11.84 341	Pn	Pn	20 26 34.0	-1.0
NOA	comp=2.0,0nm,0.3s,baz=151,slow=12,SNR=8.3				20 28 39.4	-8.3
FINES	FINES Array B	11.97 16	Pn	Pn	20 26 35.9	-0.8
FINES	comp=2.0,4nm,0.3s,baz=200,slow=11,SNR=11				20 28 43.8	-7.0
FINES	comp=2.0,7nm,0.3s,baz=199,slow=21,SNR=5.7				20 30 08.0	
FINES	comp=2.0,4nm,0.3s,baz=196,slow=22,SNR=4.1				20 30 08.0	
ARCES	ARCESS Array B	19.70 7	Pn	Pn	20 28 14.4	-1.2
ARCES	comp=1.86,slow=12,SNR=7.1				20 28 14.4	-1.2

NEIC 20 20:29:39.3-2.2, 10'.50S; 0'.05E; 165'.02E; 0'.06, h36km, 8km, mb4.6/20, Error ellipse: s-maj=9.6km s-min=4.6km az=123.0

IDC 20 20:29:41.5-3.7, 10'.65S; 165'.04E, h59km, 30km, mb3.6/9, mb1.3/9/12, mb1mx3.7/37, mbtmp4.1/12, ML2.5/1, MS3.8/7, Ms1.3/8.7, ms1mx3.3/41, Error ellipse: s-maj=27.0km s-min=21.6km az=61.0

ISC 20 20:29:38.7-0.6, 10.51S; 0.08E; 165.06E; 0.07, h35km, n48, s162/41, mb4.2/17, MS3.8/5, Santa Cruz Islands

Code	Station Name	Δ°	AZ°	Op	Phase	ISC	Time	Res
							h m s	ISC
HNR	Honiara	5.14 282	P	Pn			20 30 56.0	+2.7
HNR	34nm, 0.3s, baz=132, slow=2.5, SNR=8.6							
HNR	63nm, 0.3s, baz=139, slow=8.1, SNR=6.6						20 31 55.1	+3.6
HNR	comp=2.1, 1um, 18.6s, baz=97, slow=40						20 33 06.4	
HNR	Honiara	5.14 282	P	Pn			20 30 53.4	+0.1
HNR	Honiara	5.14 282	P	Pn			20 31 53.3	-0.2
SANVU	Saraoutou	5.34 157	P	Pn			20 30 55.8	+0.2
SANVU	Saraoutou	5.34 157	P	Pn			20 31 56.6	+0.4
DZM	Mont Dumac	11.57 174	P	Pn			20 32 23.0	+1.4
DZM	2.5nm, 0.3s, baz=303, slow=1.4, SNR=20						20 36 09.5	
DZM	comp=2.356nm, 18.1s, baz=12, slow=34						20 32 23.1	+1.5
DZM	Mont Dumac	11.57 174	Pn	Pn			20 32 22.8	+1.2
DZM	8.1nm, 0.3s						20 35 01.4	
DZM	comp=2.549nm, 26.2s						20 31 51.7	
OUENC	Ouen Island, N	11.97 172	Pn	Pn			20 32 27.8	+0.9
MSVF	Nonsauv	14.50 121	P	P			20 33 07.8	+0.1
PMG	Port Moresby	17.66 272	P	P			20 33 45.1	+2.3
PMG	0.5nm, 0.3s, baz=103, slow=6.0, SNR=3.2						20 39 58.0	
PMG	comp=2.384nm, 20.3s, baz=104, slow=35						20 33 38.1	-4.1
PMG	Port Moresby	17.66 272	P	Pn			20 33 59.0	
MANU	Manus Island	19.48 294	P	Pn			20 33 59.0	
MANU	Manus Island	19.48 294	P	Iamb			20 34 08.2	
EIDS	Eidsvoild	19.85 220	P	P			20 34 04.2	-2.6
EIDS	Eidsvoild	19.85 220	P	Iamb			20 34 11.7	
AFI	Afiatuala	22.89 101	LR	LR			20 41 57.6	
JARMA	Armidade	23.42 210	P	P			20 34 42.4	-2.5
JARMA	Jayapura	25.45 287	P	P			20 35 03.0	-0.7
NIUE	Niue	25.62 112	P	P			20 35 04.9	-0.2
H11S2	WAKE ISLAND Hy 28.62	3 T	T	T			21 05 32.6	
H11S3	WAKE ISLAND Hy 28.86	3 T	T	T			21 05 46.1	
H11S1	WAKE ISLAND Hy 28.88	3 T	T	T			21 05 33.9	
H11N1	WAKE ISLAND Hy 30.10	3 T	T	T			21 07 00.8	
H11N3	WAKE ISLAND Hy 30.09	3 T	T	T			21 07 00.3	
H11N2	WAKE ISLAND Hy 30.10	3 T	T	T			21 07 01.3	
BKZ	Black Stump Fm	30.31 162	P	P			20 35 46.7	-0.2
BKZ	Black Stump Fm	30.31 162	P	Iamb			20 36 29.6	
STKA	Stephens Creek	30.37 222	P	P			20 35 47.2	-0.3
STKA	comp=2.1, 1nm, 0.7s, baz=23, slow=12, SNR=1.9						20 47 30.1	
WB0	Warramunga Arr	30.95 249	P	P			20 35 51.6	-1.1
WB0	Warramunga Arr	30.95 249	P	Iamb			20 36 54.3	
WRA	Warramunga Arr	31.04 249	P	P			20 35 53.2	-0.3
WRA	comp=2.0, 7nm, 0.8s, baz=76, slow=9.6, SNR=4.9						20 48 20.5	
GUMO	Guam	31.22 320	LR	LR			20 46 17.7	
ASAR	Alice Springs	32.44 242	P	P			20 36 05.2	-0.6
ASAR	comp=2.9nm, 0.7s, baz=73, slow=9.2, SNR=8.8						20 36 26.1	+0.6
BBOO	Buckleboo	34.71 226	P	P			20 36 25.8	-2.1
KNRA	Kunurra	35.69 258	P	P			20 37 00.1	-0.9
FITZ	Fitzroy Crossi	38.71 254	P	P			20 50 23.4	
PPT2	Papeete	44.48 104	eLR	LR			20 38 55.4	+1.9
MJAR	Matsushiro Arr	53.19 333	P	P			20 38 54.7	+1.2
MJAR	comp=2.1, 2nm, 0.8s, baz=171, slow=8.4, SNR=2.3						20 40 06.5	+1.2
PEAOB	Petrovsk	63.67 355	P	P			20 40 29.4	+1.7
VNDA	Vanda	67.02 181	P	P			20 40 34.5	-1.3
GSI	Gungunssitoli	68.13 276	P	P			20 40 55.2	-0.0
CM31	Chiang Mai Arr	71.28 294	P	Iamb			20 40 58.5	
CMAR	Chiang Mai Arr	71.28 294	P	P			20 40 57.0	+1.9
CMAR	Chiang Mai Arr	71.28 294	P	P			20 40 55.3	+0.2
CHTO	Chiang Mai	71.39 294	P	P			20 40 58.9	-0.1
ULN	Ulaanbaatar	77.47 324	P	P			20 41 31.5	+0.7
ULN	Ulaanbaatar	77.47 324	P	Iamb			20 42 01.8	
SONM	Songino Array	77.84 324	P	P			20 41 33.6	+0.8
SONM	comp=2.0, 9nm, 1.0s, baz=123, slow=5.5, SNR=5.5						20 41 34.5	
SONM	Songino Array	77.84 324	P	Iamb			20 41 37.0	-0.7
M19K	Big River Lodg	78.81 18	P	P			20 42 06.0	
L19K	White Mountain	78.88 18	P	P			20 41 37.3	-0.8
L19K	White Mountain	78.88 18	P	Iamb			20 41 43.3	
ILAR	Eielson Array	83.22 19	P	P			20 42 00.8	-0.4
ILAR	comp=2.1, 1nm, 0.9s, baz=92, slow=4.0, SNR=4.6						20 42 46.8	-0.4
MKAR	Makanchi Array	92.67 317	P	P			20 42 46.8	-0.4
MKAR	comp=2.0, 8nm, 0.9s, baz=76, slow=6.4, SNR=3.6						20 42 46.8	-0.4

IDC 20 20:33:11.5-0.5, 57'.55S; 65'.80W, h0km, mb4.9/12, mb1.5/0/14, mb1mx4.9/23, mbtmp4.9/14, ML4.8/2, MS4.9/16, Ms1.4/9/16, ms1mx4.9/20, Error ellipse: s-maj=26.5km s-min=13.6km az=88.0

NEIC 20 20:33:12.1-1.1, 8.57'.43S; 0'.06E; 65'.9W; 0'.2, h9km, 3km, mb5.6/88, Ms_20 5.6/213, Mw5.5/23, Mw5.6, Mw5.5(GCMT), Error ellipse: s-maj=12.4km s-min=7.7km az=76.0

MOS 20 20:33:13.1+2.2, 57'.40S; 65'.88W, h13km, mb5.5/15, MS5.0/10, Error ellipse: s-maj=21.8km s-min=7.8km az=89.7

NEIC 20 20:33:13.5, 47'.52S; 65'.92W, h17km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr=0.09; Mw=1.88; Ms=1.79; Mo=0.26; Ms1=1.72; Ms2=0.24; Fault plane solution: Ms2.540000; 1017' NP1.0; 113.620000', δ82.870000', λ2.840000'. NP2.0; 23.270000', δ87.180000', λ172.860000'. Principal axes: T 2.6032, Plg7.0000', Azm338.0000'; N -0.1264, Plg82.0000', Azm182.0000'; P -2.4768, Plg3.0000', Azm69.0000'

BUI 20 20:33:15.0, 0.0, 57'.50S; 66'.20W, h20km, mb5.4/15, MS5.5/15, MS7.5/216

GCMT 20 20:33:16.1+0.1, 57'.48S; 0'.01E; 65'.99W; 0.02, h20km, Mw5.5/125, Moment Tensor Solution. s125, c218, s125, c234; Duration: 1s4. Moment tensor: Scale 10¹⁷Nm; Mr=0.22; Ms=0.3; Mw=1.70; Ms1=1.92; Ms2=0.3; Ms3=0.26; Ms4=1.36; Ms5=0.56; Best double couple: Ms2.376000; 1017' NP1.0; 208.0000', δ79.00000', λ-169.00000'. NP2.0; 115.00000', δ79.00000', λ-12.000000'. Principal axes: T 2.1540, Plg0.0000', Azm162.0000'; N 0.4410, Plg74.0000', Azm253.0000'; P -2.5980, Plg16.0000', Azm72.0000'; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

VAO 20 20:33:16.7+0.3, 57'.57S; 65'.27W, h10km, mb5.2

NEIC 20 20:33:17.57'.43S; 65'.87W, h24km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr=0.06; Mw=2.32; Ms=2.37; Mo=0.95; Ms1=1.52; Ms2=0.31; Fault plane solution: Ms2.970000; 1017' NP1.0; 300.0000', δ77.00000', λ13.00000'. NP2.0; 207.00000', δ78.00000', λ166.00000'. Principal axes: T 3.0950, Plg18.0000', Azm163.0000'; N -0.2705, Plg72.0000', Azm345.0000'; P -2.8245, Plg1.0000', Azm254.0000'

NEIC 20 20:33:17.57'.46S; 66'.01W, h19km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr=0.17; Mw=1.76; Ms=1.92; Ms1=0.96; Ms2=1.38; Ms3=0.56; Fault plane solution: Ms2.400000; 1017' NP1.0; 207.00000', δ77.00000', λ-174.00000'. NP2.0; 116.00000', δ84.00000', λ-13.000000'. Principal axes: T 2.2321, Plg5.0000', Azm162.0000'; N 0.3035, Plg76.0000', Azm272.0000'; P -2.5356, Plg13.0000', Azm71.0000'

ISC 20 20:33:12.6-0.2, 57.44S; 0.04E; 65.98W; 0.06, h10km, n48z, c210/379, mb5.5/53, MS5.2/147, 58C-26D, Fault plane solution: NP1.0; 304.06378', δ71.81158', λ3.65289'. NP2.0; 212.92215', δ86.52985', λ161.77699'. Principal axes: T Plg15.2789', Azm167.0493'; N Plg71.4606', Azm22.50447'; P Plg10.2485', Azm259.8803'; Drake Passage

Code	Station Name	Δ°	AZ°	Op	Phase	ISC	Time	Res
							h m s	ISC
MG01	Puerto William	2.68 339	Pn	Pn			20 33 54.2	-1.5
MG01	Puerto William	2.68 339	iP	Pn			20 33 54.4	-1.3
MG01	Puerto William	2.68 339	iS	Pn			20 34 26.4	-1.7
MG01	Puerto William	2.68 339	iS	IAML			20 34 53.3	
I02AR	USHUAIA INFRAS	2.96 345	Pn	Pb			20 34 04.2	-1.2
MG03	Isla Dawson	4.41 323	iP	Pn			20 34 18.7	-0.7
MG03	Isla Dawson	4.41 323	iP	Pn			20 35 08.2	-2.5
MG03	Isla Dawson	4.41 323	iS	Pn			20 35 12.3	
MG02	Cerro Sombrero	5.03 337	Pn	Pn			20 34 27.8	-0.2
MG02	Cerro Sombrero	5.03 337	iP	Pn			20 34 27.6	-0.4
MG02	Cerro Sombrero	5.03 337	iS	Pn			20 34 23.1	-2.9
GO10	Punta Arenas	5.18 324	Pn	Pn			20 34 29.0	-1.1
GO10	Punta Arenas	5.18 324	eP	Pn			20 34 29.3	-0.8
GO10	Punta Arenas	5.18 324	iS	Pn			20 34 29.3	-0.6
EFI	East Falkland	7.38 42	iP	prmax			20 34 59.6	-0.7
EFI	East Falkland	7.38 42	Pn	Pn			20 34 59.4	-0.9
PMSA	Palmer Station	7.42 174	Pn	Pn			20 34 58.7	-2.0
PMSA	comp=2.4, 1nm, 0.3s, baz=356, slow=16, SNR=25						20 37 23.4	
PMSA	comp=2.22nm, 18.1s, baz=331, slow=34						20 35 00.2	-0.5
PMSA	Palmer Station	7.42 174	eP	Pn			20 35 03.9	+3.2
PMSA	Palmer Station	7.42 174	eP	Pn			20 35 03.9	+3.2
COYC	Coyhaique	12.47 340	Pn	Pn			20 36 11.4	+1.5
LL02	Futaleu	14.74 343	Pn	Pn			20 36 44.8	+1.8
GO07	Milladeo Hill,	15.14 338	Iamb	Iamb			20 36 49.7	
LL07	Hotel Espejo d	15.38 339	Pn	Pn			20 36 47.6	-1.8
LL01	San Ignacio de	16.52 342	P</					

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like ARAG, BDFB, BDFB, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like STKA, MSVF, DZM, etc.

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like KRUC, GZR, H1N1, etc.

NEEM	North Greenlan	134.95	5	i	PKIKP	PKIKP	20 52 33.6	+1.8
KIV	Kislovodsk	134.98	75	i	PKIKP	PKIKP	20 52 31.3	-1.2
KIV					ePPP	PPP	20 50 28.0	
KIV					ePS	PS	21 05 25.3	-2.2
KIV					eSS	SS	21 12 55.4	-4.9
KIV					eSSS	SSS	21 17 56.9	
KIV					pmax	pmax		
KIV	comp=Z,9.0nm,1.0s				MLR	MLR		
RIDG	Independent Ri	134.99	322		IAMS_20	IAMS_20	22 00 25.6	
A36M	Sachs Harbour	135.52	338		IAMS_20	IAMS_20	22 05 35.7	
GOF	Goitskoye	135.92	74	i	ePKIKP	PKIKP	20 52 37.7	+3.4
GOF					pmax	pmax		
CUT	Chulitna	136.00	318		IAMS_20	IAMS_20	22 05 07.6	
GROC	Groznyy	136.10	78	e	ePKIKP	PKPpdf	20 52 31.5	-1.5
GROC					pmax	pmax	20 55 10.5	
HDA	Harding Lake	136.12	322		IAMS_20	IAMS_20	22 05 20.7	
SKT	Skwentna	136.19	317		IAMS_20	IAMS_20	22 05 03.8	
IL31	Elison Array	136.33	322		PKPpdf	PKPpdf	20 52 30.6	-2.2
ILAR	Elison Array	136.33	322		PKPpdf	PKPpdf	20 52 29.1	
ILAR	Porcupine Dome	136.37	324		IAMS_20	IAMS_20	22 04 39.0	
MCK	McKinley	136.37	320		IAMS_20	IAMS_20	22 05 15.3	
WRH	Wood River Hill	136.55	321		IAMS_20	IAMS_20	22 05 33.1	-0.1
WRH					IAMS_20	IAMS_20	22 05 18.9	
CCB	Clear Creek Bu	136.56	322		IAMS_20	IAMS_20	22 05 20.3	
TRF	Thorate Moun	136.67	319		IAMS_20	IAMS_20	22 02 26.2	
COLA	College	136.72	322	i	ePKIKP	PKIKP	20 52 38.5	+3.3
COLA					pmax	pmax		
COLA	College	136.72	322		IAMS_20	IAMS_20	22 05 20.5	
TCOL	CIGO, UAF Yank	136.72	322		IAMS_20	IAMS_20	22 05 19.5	
POKR	Poker Plate Res	136.73	322		IAMS_20	IAMS_20	22 05 21.8	
VSU	Vasula	136.81	50	i	PKIKP	PKIKP	20 52 36.0	+0.4
BWN	Browne	136.83	320		IAMS_20	IAMS_20	22 05 15.9	
MAK	Makhachkala	136.84	80	i	Pdf	Pdf	20 49 36.9	-4.0
MAK					pmax	pmax	20 52 35.2	
MAK					MLR	MLR		
MDM	Murphy Dome	136.90	322		IAMS_20	IAMS_20	22 05 20.2	
FYU	Fort Yukon	136.94	325		IAMS_20	IAMS_20	22 05 31.1	
KTH	Kantishna Hill	136.95	319		IAMS_20	IAMS_20	22 05 10.8	
NEA2	Nenana	136.95	321		IAMS_20	IAMS_20	22 05 17.7	
PPLA	Purkeypile	137.00	318		IAMS_20	IAMS_20	22 02 33.2	-1.0
DAG	Danmarks Havn	137.24	14	i	PKIKP	PKIKP	20 52 37.6	+1.6
DAG	Danmarks Havn	137.24	14	i	PKIKP	PKIKP	20 52 37.6	+1.6
CAST	Castle Rocks	137.28	319		IAMS_20	IAMS_20	22 05 09.5	
BAW	Bear Paw Mtn	137.31	320		IAMS_20	IAMS_20	22 05 13.2	
H24K	Noodor Dome	137.33	323		IAMS_20	IAMS_20	22 05 24.4	
I23K	Minto, Yukon-K	137.39	322		IAMS_20	IAMS_20	22 05 20.3	
MLY	Manley	137.79	321		IAMS_20	IAMS_20	22 05 16.8	
FINES	FINESS Array B	138.34	46	PKP	PKIKP	PKIKP	20 52 38.0	-0.6
FINES	FINESS Array B	138.34	46	PKP	PKIKP	PKIKP	20 52 38.0	-0.6
H21K	Melozitna Rive	138.86	321		IAMS_20	IAMS_20	20 52 37.7	-0.8
COLD	Colfoot	138.91	324		IAMS_20	IAMS_20	20 52 37.1	-0.3
OBN	Obninsk	139.12	59	i	PKIKP	PKIKP	20 52 35.6	-2.5
OBN					SS	SS	21 13 47.8	-1.2
OBN					pmax	pmax		
OBN	comp=Z,9.0nm,0.9s				MLR	MLR		
CMAR	Chiang Mai Arr	139.49	158		PKHKP	PKPpre	20 52 33.0	
CMAR	Chiang Mai Arr	139.49	158		PKHKP	PKPpre	20 52 33.0	
CMAR	Alert	139.73	141		IAMS_20	IAMS_20	22 02 38.8	-1.3
CHTO	Chiang Mai	139.84	158		PKHKP	PKPpre	20 52 32.2	
CHTO	Chiang Mai	139.84	158		PKHKP	PKPpre	20 52 32.2	
CHTO	Chiang Mai	139.84	158		PKHKP	PKPpre	20 52 32.2	
ARCES	ARCESS Array B	142.41	315		PKHKP	PKPpre	20 52 38.1	
ARCES	Keyo	142.98	35		IAMS_20	IAMS_20	22 07 05.6	
KLMR	Klimovskoe	143.54	53	e	ePKIKP	PKPpdf	20 52 46.5	+0.6
KLMR					pmax	pmax	20 56 00.0	+0.9
KLMR	Klimovskoe	143.54	53	e	ePKIKP	PKPpdf	20 52 46.5	+0.6
KLMR					AMP	AMP	20 52 57.7	
KLML	Nilore	143.67	113		IAMS_20	IAMS_20	20 56 00.0	+0.9
APA	Apatity	144.16	40	i	PKIKP	PKPbc	20 52 44.8	-0.2
SHL	Shilong	144.43	144		PKIKP	PKPbc	20 52 46.3	-0.8
SHL	Shilong	144.43	144		PKIKP	PKPbc	20 52 46.3	-0.8
LVZ	Lovozero	144.73	40	i	PKIKP	PKPbc	20 52 49.9	-1.7
LVZ	Lovozero	144.73	40	i	PKIKP	PKPbc	20 52 46.1	-0.7
LVZ					IAMS_20	IAMS_20	22 12 24.6	
GAMB	Gambell	144.96	312		IAMS_20	IAMS_20	22 04 02.3	
CHGR	Chuyangaron	145.43	103		PKPbc	PKPbc	20 52 49.2	-1.0
TRUB	Ta-pu	145.56	191		PKPbc	PKPbc	20 52 49.3	-1.4
SLB	Suanglung	146.00	191		PKPbc	PKPbc	20 52 51.1	-0.3
KMI	Permogore	146.75	161		PKPbc	PKPbc	20 52 53.9	-0.7
KMI	Kunming	146.71	161		PKPbc	PKPbc	20 52 59.0	+0.3
KMI					sPKP	sPKP	20 53 02.0	
KMI					SS	SS	21 15 18.8	+2.6
KMI					LR	LR		
KMI	comp=Z,350nm,19.5s				LR	LR		
KMI	comp=Z,220nm,17.8s				LR	LR		
KIRV	Kirov	146.94	60	i	PKPbc	PKPbc	20 52 53.5	-0.3
BTK	Batken	147.33	103		PKIKP	PKPbc	20 52 54.6	-1.1
BTK	Batken	147.33	103		PKIKP	PKPbc	20 52 54.6	-1.1
ASKAR	Akbulak array	147.50	81		PKPbc	PKPbc	20 52 51.6	-1.5
LSA	Lhasa	148.01	140		PKPbc	PKPbc	20 52 58.1	
LSA					MLR	MLR		
LSA	comp=Z,300nm,20.0s				PKPbc	PKPbc	20 52 52.4	-2.8
LSA					PKPbc	PKPbc	20 52 58.1	-0.2
LSA					IAMS_20	IAMS_20	22 14 25.3	
GYA	Guiyang	148.60	167		PKPbc	PKPbc	20 52 58.6	-0.9
GYA					PKPbc	PKPbc	20 53 03.5	+0.5
GYA					PP	PP	20 56 35.5	+6.9

GYA					SKKS	AMB	21 03 19.1	
GYA					AMB	AMB		
KKAR	Karatay Array	149.32	99		PKIKP	PKPbc	20 53 00.1	-0.6
KKAR	Karatay Array	149.32	99		PKIKP	PKPbc	20 53 00.1	-0.6
KSH	Kashi	149.60	110		PKPbc	PKPbc	20 53 01.3	-0.4
KSH					LR	LR		
KSH	comp=Z,220nm,6.2s				LR	LR		
KSH	comp=Z,180nm,17.0s				LR	LR		
KSH	comp=Z,200nm,21.3s				LR	LR		
ARU	Arti	150.43	68	i	PKIKP	PKPbc	20 53 02.5	-0.4
ARU	Arti	150.43	68	i	PKIKP	PKPbc	20 53 02.5	-0.4
ARU					PKPpdf	PKPpdf	20 52 57.1	-0.6
ARU					IAMS_20	IAMS_20	20 52 57.0	-1.0
ARU					IAMS_20	IAMS_20	22 11 39.6	
AAK	Ala-Archa	151.10	104		PKIKP	PKPpdf	20 52 58.0	-1.4
AAK					MLR	MLR	20 53 04.9	
AAK	Ala-Archa	151.10	104		PKPpdf	PKPpdf	20 52 58.0	-1.4
AAK					PKPbc	PKPbc	20 53 04.9	-0.8
AAK	Ala-Archa	151.10	104		IAMS_20	IAMS_20	22 10 46.1	
FRU1	Bishkek	151.30	104		PKIKP	PKPbc	20 53 05.0	-0.6
FRU1	Bishkek	151.30	104		PKIKP	PKPbc	20 53 05.0	-0.6
SVE	Sverdlovsk	151.64	68	e	PKIKP	PKPbc	20 53 05.9	-0.3
SVE					pmax	pmax		
KDJ	Kajisay	152.14	107		PKIKP	PKPbc	20 53 05.0	-2.6
KDJ	Kajisay	152.14	107		PKIKP	PKPbc	20 53 05.0	-2.6
CD2	Chengdu	152.54	161	e	PKPbc	PKPbc	20 53 09.0	-0.8
CD2					pPKP	pPKP	20 53 07.9	-0.8
ENSH	Enshi	152.66	171		IAMS_20	IAMS_20	20 53 07.1	-1.9
INU	Inuyama	153.05	225		IAMS_20	IAMS_20	22 10 34.8	
WHN	Wuhan	153.11	181	i	PKPbc	PKPbc	20 53 09.3	-0.6
MJAR	Matsushiro Arr	153.62	228		PKPbc	PKPbc	20 53 05.3	+2.2
MJAR	Matsushiro Arr	153.62	228		PKPbc	PKPbc	20 53 05.3	+2.2
MJAR	Matsushiro Arr	153.62	228		PKPbc	PKPbc	20 53 05.3	+2.2
MJAR	Matsushiro Arr	153.62	228		PKPbc	PKPbc	20 53 05.3	+2.2
NJ2	Nanjing	154.39	190	e	PKPbc	PKPbc	20 53 04.0	-0.3
BRVK	Boyovoye	155.03	81		IAMS_20	IAMS_20	22 11 00.1	
XAN	Xi'an	156.34	169	PKP	PKPpdf	PKPpdf	20 53 07.3	+0.4
XAN					sPKP	sPKP	20 53 12.1	+2.2
LZH	Lanzhou	157.58	158	e	PKPbc	PKPbc	20 53 13.6	+5.0
LZH					LR	LR		
LZH	comp=Z,280nm,19.0s				LR	LR		
LZH	comp=Z,370nm,17.3s				LR	LR		
LZH	comp=Z,340nm,19.5s				LR	LR		
MAKZ	Makanchi	157.85	105		IAMS_20	IAMS_20	22 18 02.8	
KSR5	Korea Array	157.99	211	PKP	PKPpdf	PKPpdf	20 53 09.7	+0.9
KSR5					PKPbc	PKPbc	20 53 41.2	-0.9
KSR5					PKPbc	PKPbc	20 53 41.2	-0.9
MKAR	Makanchi Array	158.00	105	PKP	PKPpdf	PKPpdf	20 53 09.9	+1.2
MKAR					PKPbc	PKPbc	20 53 42.2	-1.1
MKAR					PKPbc	PKPbc	20 53 42.2	-1.1
WMQ	Ururugi	158.63	118	e	PKPbc	PKPbc	20 53 08.9	-0.6
GTA	Gaotai	159.72	147	i	PKPbc	PKPbc	20 53 10.3	-0.7
GTA					PKPbc	PKPbc	20 53 49.3	-0.5
GTA					AMB	AMB		
GTA	comp=Z,150nm,4.4s				LR	LR		
GTA	comp=Z,160nm,21.8s				LR	LR		
GTA	comp=Z,210nm,24.0s				LR	LR		
ZALV	Zalesovo Ben	163.24	90	PKP	PKPpdf	PKPpdf	20 53 15.2	+1.2
ZALV					PKPbc	PKPbc	20 54 05.9	-0.9
ZALV					PKPbc	PKPbc	20 54 05.9	-0.9
HHC	Hu-ho-hao-te	163.32	174	e	PKPbc	PKPbc	20 53 12.8	-1.9
HHC	Tiksi	164.46	342	PKP2	PKPbc	PKPbc	20 54 10.2	+0.7
TIXI	Tiksi	164.46	342	PKP2	PKPbc	PKPbc	20 54 10.2	+0.7
TIXI					PKPbc	PKPbc	20 53 12.2	-2.4
TIXI					PKPbc	PKPbc	20 54 10.2	+0.7
SONM	Songino Array	169.33	151	PKP	PKPbc	PKPbc	20 53 18.7	-0.5
SONM					PKPbc	PKPbc	20 53 18.7	-0.5
SONM					PKPbc	PKPbc	20 53 18.7	-0.5
SONM					PKPbc	PKPbc		

Table with columns for location (e.g., ASAR, TASMANIA UNIV), time (20d 21h), and various status indicators (P, Pmax, Pp, etc.).

Table with columns for location (e.g., LUWI, WSI, DAV), time (20d 21h), and various status indicators (P, Pmax, Pp, etc.).

Table with columns for location (e.g., SMRI, JSG, JYT), time (20d 21h), and various status indicators (P, Pmax, Pp, etc.).

SCM	Sheep Creek Mo	84.34	20	P	P	22 04 18.6 +0.8
SCM	comp=Z,404nm,1.0s					
SCM	Sheep Creek Mo	84.34	20	P	I	22 04 18.6 +0.8
SCM	comp=Z,404nm,1.0s					22 05 13.4
DIV	Divide	84.36	21	I	Amb	22 05 19.6
CHUM	Lake Minchumin	84.37	17	P	P	22 04 17.3 -0.6
SNCC	San Nicolas Is	84.47	54	P	P	22 04 20.8 +1.8
SNCC	San Nicolas Is	84.47	54	P	P	22 04 19.8 +0.8
KTH	Kantishna Hill	84.52	17	P	I	22 04 17.8 -0.9
KTH	comp=Z,633nm,1.0s					22 04 23.1
KRMB	Red Mountain	84.53	45	P	P	22 04 20.4 +1.1
KRMB	comp=Z,2um,2.7s					22 05 02.1
BGLC	Bering Glacier	84.55	22	P	P	22 04 18.4 -0.3
KLU	Klutina	84.56	21	P	P	22 04 19.6 +0.6
KLU	Klutina	84.56	21	P	P	22 04 18.6 -0.3
BERG	Berg Lake	84.58	22	P	P	22 04 19.4 +0.4
BERG	comp=Z,346nm,0.7s					22 04 23.9
PMPB	Monarch Peak	84.61	51	P	I	22 04 20.1 +0.4
PMPB	comp=Z,688nm,1.6s					22 04 39.0
BOD	Bodaibo	84.61	334	eP	P	22 04 18.4 -0.8
BOD	comp=Z,993nm,1.9s					22 14 27.6
BOD	comp=Z,993nm,1.9s					
KBO	Bosley Butte	84.61	44	P	P	22 04 20.9 +1.2
KBO	comp=Z,364nm,1.3s					22 04 25.5
TRF	Thorofore Moun	84.62	18	P	I	22 04 18.6 -0.7
TRF	comp=Z,480nm,1.0s					22 04 18.4 -0.9
TRF	Thorofore Moun	84.62	18	P	P	22 04 18.4 -0.9
TRF	comp=Z,334nm,1.0s					22 04 19.7 +0.3
BMRM	Bremner Hill	84.65	21	P	I	22 05 29.8
BMRM	comp=Z,517nm,1.4s					22 04 19.3 -0.1
BMRM	Bremner Hill	84.65	21	P	P	22 04 19.3 -0.1
BMRM	comp=Z,226,SNR=16					22 14 34.1 -0.5
SCZ2	Santa Cruz Isl	84.66	53	P	P	22 04 20.5 +0.5
O02D	Mt. Diablo Mer	84.74	46	P	P	22 04 21.4 +1.1
O02D	comp=Z,436nm,1.1s					22 14 38.2 +1.7
SNH	Sunshine Point	84.75	23	P	I	22 04 20.6 +0.8
SNH	comp=Z,270nm,0.9s					22 04 25.7
WAT6	Susitna Watana	84.75	19	P	P	22 04 19.2 -0.7
WAT6	comp=Z,223,SNR=56					22 14 34.6 -1.1
SBC	Santa Barbara	84.76	53	P	P	22 04 21.1 +0.6
SBC	comp=Z,248					22 14 37.2 +0.5
KEBM	Edson Butte	84.83	43	P	P	22 04 22.0 +1.3
PAGB	Antelope Grade	84.84	51	P	I	22 04 22.1 +1.2
PAGB	comp=Z,629nm,1.9s					22 05 03.8
PKM	Nipheon Peak	84.85	52	P	P	22 04 21.5 +0.4
PKM	comp=Z,448,SNR=55					22 14 37.6 -0.3
SMMC	Simmler	84.87	52	P	S	22 04 21.6 +0.6
SMMC	comp=Z,248,SNR=17					22 14 38.1 +0.2
BPAW	Bear Paw Mtn.	84.92	17	P	P	22 04 20.1 -0.4
BPAW	Bear Paw Mtn.	84.92	17	P	P	22 04 19.3 -1.3
BPAW	comp=Z,220,SNR=57					22 14 33.5 -3.5
M24K	Tolsona, Glenn	84.92	20	I	Amb	22 05 25.5
M24K	comp=Z,336nm,1.1s					22 04 21.3 +0.6
M24K	Tolsona, Glenn	84.92	20	P	P	22 04 21.3 +0.6
M24K	comp=Z,225,SNR=22					22 14 37.4 +0.2
WAX	Waxell Ridge	84.93	22	I	Amb	22 04 25.7
WAX	comp=Z,291nm,0.6s					22 04 22.6 +1.0
L02E	Cave Junction	85.01	44	P	P	22 04 22.5 +1.0
L02E	comp=Z,245,SNR=18					22 14 39.5 +0.7
RND	Reindeer	85.02	18	P	P	22 04 21.3 +0.1
RND	comp=Z,477nm,1.0s					22 05 05.1
RND	Reindeer	85.02	18	P	I	22 04 21.3 +0.1
RND	comp=Z,477nm,1.0s					22 04 21.5 0.0
CRQM	Cirque	85.03	22	P	P	22 04 21.0 -0.4
CRQM	comp=Z,228,SNR=26					22 14 37.4 -1.3
CRQE	Cirque	85.05	22	P	P	22 04 21.0 -0.4
DIB	Dawson Inlet,	85.06	32	P	I	22 04 22.4 +0.9
DIB	comp=Z,339nm,1.2s					22 04 30.4
H02S1	DAWSON INLET T	85.06	32	P	P	22 04 21.9 +0.5
H02S1	SNR=47					22 04 22.4 +0.5
WDC	Whiskeytown Da	85.08	46	P	P	22 04 22.4 +0.5
WDC	comp=Z,225nm,1.3s					22 04 22.4 +0.5
WDC	Whiskeytown Da	85.08	46	P	P	22 04 22.4 +0.5
MESA	MESA	85.08	23	I	Amb	22 04 26.7
MESA	comp=Z,293nm,1.0s					22 04 21.6 -0.1
MESA	MESA	85.08	23	P	S	22 14 38.5 -0.6
MESA	comp=Z,229,SNR=10					22 04 21.3 -0.4
N25K	Chitina, Valde	85.10	21	P	P	22 04 21.3 -0.4
N25K	comp=Z,226,SNR=44					22 14 38.0 -1.1
N02D	Trinity Center	85.13	46	P	P	22 04 23.4 +1.1
N02D	comp=Z,246,SNR=27					22 14 40.4 +0.2
SCI2	San Clemente I	85.13	54	P	P	22 04 22.0 -0.4
SCI2	comp=Z,249,SNR=8.4					22 14 40.3 -0.1
TGL	Tana Glacier	85.14	22	P	P	22 04 22.2 +0.3
K02D	Willamette Mer	85.19	44	P	P	22 04 23.2 +0.6
K02D	comp=Z,245,SNR=46					22 14 41.5 +0.7
M02C	Callahan	85.20	45	P	S	22 04 23.5 +0.9
M02C	comp=Z,246,SNR=33					22 14 41.8 +0.9
J01E	Myrtle Point	85.22	43	P	P	22 04 23.3 +0.8
J01E	comp=Z,245,SNR=21					22 14 41.6 +0.8
ISLE	Juniper Island	85.22	22	I	Amb	22 05 20.3
DHY	Denali Highway	85.23	19	I	Amb	22 04 29.2
DHY	comp=Z,714nm,1.3s					22 04 21.9 -0.5
DHY	Denali Highway	85.23	19	P	S	22 04 21.9 -0.5
DHY	comp=Z,224					22 14 38.3 -2.1
MCK	McKinley	85.23	18	I	Amb	22 04 27.8
MCK	comp=Z,538nm,1.0s					22 04 21.5 -0.7
MCK	McKinley	85.23	18	P	S	22 04 21.5 -0.7
MCK	comp=Z,222,SNR=232					22 14 36.4 -3.8
HG4B	Hot Spring	85.24	33	P	P	22 04 23.1 +0.7
GLB	Gilgahina Butte	85.26	21	P	P	22 04 22.4 +0.1
M0BC	Moresby Island	85.29	32	I	Amb	22 04 23.8 +1.1
M0BC	comp=Z,342nm,1.3s					22 04 27.1 +0.4
CIS	Catalina Islan	85.39	54	P	P	22 04 21.1 +0.4

CIS	baz=249					
ORV	Oroville	85.40	47	P	P	22 04 23.7 +0.1
ORV	comp=Z,310nm,1.4s					
ORV	Oroville	85.40	47	P	P	22 04 23.7 +0.1
BWN	Browne	85.41	18	I	Amb	22 05 05.5
RDOG	Red Dog Mine	85.43	11	P	P	22 04 27.6 +4.6
RDOG	comp=Z,1um,1.0s					22 14 44.6 +2.8
YBH	Yreka Blue Hor	85.44	45	P	P	22 04 24.2 +0.4
YBH	comp=Z,76nm,0.8s, baz=184,slow=2.8,SNR=41					22 07 43.4 -0.9
YBH	Yreka Blue Hor	85.44	45	P	P	22 04 24.2 +0.4
YBH	comp=Z,52nm,1.1s, baz=180,slow=3.4,SNR=3.3					22 04 24.2 +0.4
YBH	Yreka Blue Hor	85.44	45	P	P	22 04 24.2 +0.4
YBH	comp=Z,2175nm,1.1s					22 04 22.8 +0.4
HARP	HARP	85.46	20	P	P	22 04 22.8 -0.5
HARP	comp=Z,226,SNR=27					22 14 40.4 -2.0
I21K	Tanana	85.48	16	P	P	22 04 23.8 +0.5
I21K	comp=Z,603nm,0.8s					22 04 29.8
I21K	Tanana	85.48	16	P	P	22 04 23.5 +0.2
I21K	comp=Z,219,SNR=185					22 14 40.2 -2.2
O03E	Paynes Creek	85.48	46	P	P	22 04 24.3 +0.3
O03E	comp=Z,52nm,1.1s, baz=180,slow=3.4,SNR=3.3					22 14 42.5 -1.2
MCARA	McCarthy VSAT	85.50	22	P	P	22 04 23.1 -0.4
MCARA	comp=Z,226,SNR=24					22 14 40.3 -2.5
TABL	Table Mountain	85.56	23	I	Amb	22 05 22.8
TABL	comp=Z,334nm,1.0s					22 04 25.9 +1.2
OSI	Osito Audit: C	85.58	53	I	Amb	22 05 08.4
OSI	comp=Z,591nm,1.6s					22 04 25.1 +0.5
OSI	Osito Audit: C	85.58	53	P	S	22 04 25.1 +0.5
OSI	comp=Z,249					22 14 44.2 -0.7
FMP	Fort Macarthur	85.59	54	P	P	22 04 25.2 +0.6
FMP	comp=Z,249					22 14 45.2 +0.4
CMB	Columbia Colle	85.61	49	I	Amb	22 04 30.0
H21K	Melozitna River	85.63	15	P	I	22 04 24.3 +0.2
H21K	comp=Z,625nm,1.9s					22 04 30.8
H21K	Melozitna River	85.63	15	P	P	22 04 24.4 +0.3
H21K	comp=Z,333nm,0.9s					22 14 43.3 -0.7
IMAR	Indian Mountai	85.65	15	P	P	22 04 24.4 +0.2
IMAR	comp=Z,274nm,1.0s					22 05 01.9 +1.9
PCA	Pinnacle	85.67	23	I	Amb	22 05 23.0
I02D	Swisshome	85.67	42	P	P	22 04 25.5 +0.8
I02D	comp=Z,245,SNR=9.9					22 14 46.5 +1.3
PINM	Pinnacle	85.67	23	P	P	22 04 23.0 -1.5
PINM	comp=Z,245					22 14 43.0 -1.3
ARVC	Arvin	85.69	52	P	P	22 04 25.5 +0.4
ARVC	comp=Z,249,SNR=7.0					22 14 46.1 +0.3
LSA	Lhasa	85.69	302	P	P	22 04 27.5 +1.7
LSA	Lhasa	85.69	302	P	P	22 04 26.3 +0.5
LSA	comp=Z,2um,1.8s					22 04 26.3 +0.5
ZAK	Zakamensk	85.69	325	eP	P	22 04 25.2 +0.3
ZAK	comp=Z,922nm,1.3s					22 05 24.4
MLY	Manley	85.70	17	I	Amb	22 05 24.4
MLY	comp=Z,242nm,1.1s					22 04 24.0 -0.5
MLY	Manley	85.70	17	P	P	22 04 24.0 -0.5
MLY	comp=Z,220,SNR=107					22 14 40.6 -4.1
VOG	Valley Oaks Go	85.71	51	P	P	22 04 25.5 +0.3
VOG	comp=Z,249					22 14 44.2 -1.7
DECC	Green Verdugo	85.76	53	P	P	22 04 25.8 +0.3
DECC	comp=Z,249,SNR=6.3					22 14 45.1 -1.5
VES	Vestal, Richgr	85.76	51	P	P	22 04 25.5 +0.1
VES	comp=Z,249,SNR=28					22 14 44.1 -2.3
PAX	Paxson	85.76	20	P	P	22 04 23.6 -1.3
PAX	comp=Z,225,SNR=18					22 14 43.6 -1.9
BARN	Barnard Glacie	85.77	22	I	Amb	22 05 24.5
I03D	Drain, OR	85.83	43	P	P	22 04 25.9 +0.4
I03D	comp=Z,496nm,1.3s					22 14 46.6 -0.1
CTG	Chitna Glacier	85.83	22	P	P	22 04 24.7 -0.6
CTG	comp=Z,229,SNR=98					22 14 44.2 -2.1
CTGM	Chitina Glacie	85.83	22	P	I	22 04 25.1 -0.2
CTGM	comp=Z,229					22 05 24.1
NEA2	Nenana	85.84	17	I	Amb	22 05 27.1
NEA2	comp=Z,284nm,1.0s					22 04 24.1 -1.0
NEA2	Nenana	85.84	17	P	P	22 04 24.1 -1.0
NEA2	comp=Z,1um,1.8s					22 14 42.0 -4.0
PASC	Padadena Art C	85.84	53	P	P	22 04 26.1 +0.2
SIT	Sitka	85.86	27	P	P	22 04 25.2 -0.1
SIT	comp=Z,235					22 14 46.0 -0.5
L04D	Klamath Falls	85.91	45	P	P	22 04 26.6 +0.4
L04D	comp=Z,246,SNR=45					22 14 47.6 -0.3
MWC	Mount Wilson	85.96	53	I	Amb	22 05 10.0
CRAQ	Craig	85.98	29	P	P	22 04 26.4 +0.5
CRAQ	comp=Z,1um,1.9s					22 14 47.5 -0.1
WRH	Wood River Hill	86.03	18	I	Amb	22 05 26.5
M04C	Macdoel	86.05	45	P	P	22 04 27.2 +0.3
M04C	comp=Z,231nm,1.2s					22 14 48.3 -1.0
M04C	Macdoel	86.05	45	P		

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flats O, PGC Sidney, PGC Shoshone, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PGC Sidney, PGC Shoshone, SHOC Shoshone, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PSUT Pine Spring, GKN Cedar City, GKN Gorkha, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, SNR=15, SNR=16, etc.).

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Guantanamo Bay, Ilulissat, and various other locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOSA, Boshof, Novokhovporsky, and various other locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOR8, KONS, CHVG, STOK, and various other locations.

RUE	baz=38,slow=4.5	eX		22 10 47.8	
RUE	baz=36,slow=4.5	ePKPdf	PKPdf	22 11 08.1 +0.3	
RUE	baz=36,slow=2.0	ePP	PP	22 13 52.9 +0.5	
RUE	baz=38,slow=6.2	eSKKSac	SKKSac	22 20 32.8 -0.5	
DEV	baz=38,slow=6.0	PKPdf	PKPdf	22 11 08.9 +0.8	
DEV	137.04 323	PKPdf	PKPdf	22 11 08.9 +0.8	
BSEG	baz=36,slow=4.5	eX		22 10 46.2	
BSEG	baz=36,slow=2.0	ePKPdf	PKPdf	22 11 08.3 +0.4	
BSEG	baz=38,slow=6.2	ePP	PP	22 13 54.8 +2.2	
BSEG	baz=40,slow=1.9	eSKPdf	SKIKP	22 14 31.7 -0.9	
OKC	comp=Z,21um,22.9s	ePKHKP	PKPpre	22 10 58.3	
OKC	OKC	eSKP	MLR	22 10 58.3	
OKC	OKC	eAMS	AMS	23 10 30.0	
MRWI	Hamdab	137.09 281	i P	PKIKP	22 11 10.2 -0.7
KSP	Ksiaz	137.18 333	ePKPdf	eL	22 10 54.9 -0.3
KPL	Plockton	137.25 354	eP	PKPpre	22 11 01.0
DRUM	Mains of Drumt	137.30 352	eP	PKPpre	22 10 59.1
MORC	Moravsky Berou	137.37 331	PKPpre	PKPpre	22 10 59.3
MORC	Moravsky Berou	137.37 331	PKPpre	PKPpre	22 14 31.3 +2.3
MORC	Moravsky Berou	137.37 331	PKIKP	PKIKP	22 11 09.8 -0.8
MORC	Moravsky Berou	137.37 331	ePKP	PKPpre	22 10 59.8
MORC	MORC		e		22 11 09.7
MORC	MORC		e		22 14 30.9
GZR	Gura Zlata	137.39 323	PKPpre	PKPpre	22 14 30.9 +1.7
GZR	Gura Zlata	137.39 323	PKPpre	PKPpre	22 10 57.9
OSTC	Ostas	137.42 333	ePKDIFF	PKPpre	22 08 19.2 +1.9
OSTC	OSTC		ePKPDF	eX	22 10 58.3
OSTC	OSTC		eAMS	AMS	22 14 30.7
OSTC	OSTC		eAMS	AMS	23 08 50.0
PSZ	Piszkesteto	137.46 328	PKPpre	PKPpre	22 10 58.1
PSZ	Piszkesteto	137.46 328	PKPpre	PKPpre	22 14 31.3 +1.9
PSZ	Piszkesteto	137.46 328	PKIKP	PKIKP	22 10 59.3 +0.2
PSZ	Piszkesteto	137.46 328	ePKPdf	PKPdf	22 11 08.8 -0.2
CHVC	Chvalec	137.47 333	ePKDIFF	PKPpre	22 08 19.5 +2.0
CHVC	CHVC		ePKPDF	eX	22 14 31.0
CHVC	CHVC		eAMS	AMS	23 08 50.0
KRLC	Kraliky	137.51 332	ePKHKP	PKPpre	22 10 58.6
KRLC	Kraliky	137.51 332	ePKPpre	PKPpre	22 10 58.6
KRLC	Kraliky	137.51 332	eAMS	AMS	23 10 00.0
DPC	Dobruska-Polom	137.52 333	eP	Pdfif	22 08 17.7 -0.1
DPC	Dobruska-Polom	137.52 333	ePKDIFF	PKPpre	22 08 17.7 -0.1
DPC	Dobruska-Polom	137.52 333	ePKPpre	PKPpre	22 10 58.1
DPC	Dobruska-Polom	137.52 333	eSKP	AMS	22 14 31.7
DPC	Dobruska-Polom	137.52 333	eAMS	AMS	23 06 00.0
SIRR	Siria	137.52 325	PKPpre	PKPpre	22 10 58.2
SIRR	Siria	137.52 325	PKPpre	PKPpre	22 14 31.5 +2.0
SRE	Strehaia	137.54 322	PKPpre	PKPpre	22 11 02.0
SRE	Strehaia	137.54 322	PKHKP	PKHKP	22 11 02.0
UPC	Upice	137.54 333	e	Pdfif	22 08 23.0 +5.2
UPC	Upice	137.54 333	ePKDIFF	PKPpre	22 10 58.7
UPC	Upice	137.54 333	ePKPpre	PKPpre	22 14 31.6
UPC	Upice	137.54 333	eSKP	AMS	23 09 00.0
ALN	Alexandroupoli	137.58 315	P	PKPpre	22 10 58.7
ALN	Alexandroupoli	137.58 315	PKIKP	PKIKP	22 11 08.6 -0.7
ALN	Alexandroupoli	137.58 315	PKPpre	PKPpre	22 11 08.6 -0.7
HLG	Helgoland	137.58 342	eX		22 10 47.3
HLG	baz=36,slow=4.5	ePKPdf	PKPdf	22 11 08.9 +0.1	
HLG	baz=36,slow=2.0	eSKPdf	SKPdf	22 14 31.6 +0.9	
VYHS	Vyhne	137.62 329	ePKHKP	PKPpre	22 11 01.7
VYHS	Vyhne	137.62 329	e		22 11 09.8
VYHS	Vyhne	137.62 329	e		22 13 57.1
VYHS	Vyhne	137.62 329	ePKPpre	PKPpre	22 11 01.7
VYHS	Vyhne	137.62 329	ePKPdf	PKPdf	22 11 09.8 +0.6
VYHS	Vyhne	137.62 329	ePP	PP	22 13 57.1 +0.5
BSZH	Beszenyszg	137.65 327	PKPpre	PKPpre	22 11 05.9 -3.3
BSZH	Beszenyszg	137.65 327	PKPpre	PKPpre	22 14 32.6 +2.8
NANO1	Guarapari, ES	137.70 139	ePKPpre	PKPpre	22 11 00.2
KOLL	Kolacno	137.78 329	ePKPpre	PKPpre	22 11 10.9 -0.5
KOLL	Bailesti	137.80 321	e	PKPpre	22 14 32.3
BAIL	Bailesti	137.80 321	e	PKPpre	22 14 33.6 +3.3
ROD	Rodhopi	137.81 316	e	PKPpre	22 11 00.0
HERR	Herculane	137.88 322	e	PKPpre	22 10 59.2
HERR	Herculane	137.88 322	e	PKPpre	22 14 32.8 +2.1
ARG	Arhangelos	137.90 308	e	PKPpre	22 11 02.1 +0.2
PUNG	Punghia	137.91 321	e	PKPpre	22 11 00.7
BZS	Buzias	137.93 324	PKPpre	PKPpre	22 10 59.3
BZS	Buzias	137.93 324	PKPpre	PKPpre	22 14 31.6 +0.9
BZS	Buzias	137.93 324	PKPpre	PKPpre	22 10 59.3
JAVC	Veika Javorina	137.94 330	ePKPpre	PKPpre	22 11 00.9
JAVC	JAVC		ePKPpre	PKPpre	22 14 33.7
INVG	Invergoldie, C	137.98 353	eP	PKPpre	22 11 03.3
AMBH	Ambrafalva	137.99 325	eP	PKPpre	22 11 01.8
AMBH	Ambrafalva	137.99 325	eP	PKPpre	22 14 33.9 +3.1
FLTB	Flechtingen	138.04 338	ePdfif	SKPdf	22 08 19.4 -0.5
FLTG	baz=38,slow=4.5	eX		22 10 51.2	
FLTG	baz=36,slow=2.0	ePKPdf	PKPdf	22 11 09.1 -0.6	
FLTG	baz=38,slow=6.2	ePP	PP	22 13 59.5 +0.6	
FLTG	baz=40,slow=1.9	eSKPdf	SKPdf	22 14 32.3 +0.8	
FLTG	baz=38,slow=6.0	eSKKSac	SKKSac	22 20 36.1 -3.6	
TIM	Timisoara	138.08 324	PKPpre	PKPpre	22 11 09.7 -0.3
TIM	Timisoara	138.08 324	PKPpre	PKPpre	22 14 34.2 +3.1
TIM	Timisoara	138.08 324	PKIKP	PKIKP	22 11 09.7 -0.3
SMTH	Samothrace Isl	138.12 315	P	PKPpre	22 10 58.7
PRK	Praskavi	138.13 313	e	PKPpre	22 10 59.5
VRAC	Vranov	138.14 331	PKPpre	PKPpre	22 10 59.9
VRAC	Vranov	138.14 331	PKPpre	PKPpre	22 14 32.3 +1.1
VRAC	Vranov	138.14 331	PKHKP	PKPpre	22 11 00.7
VRAC	comp=Z,24nm,0.8s, baz=55,slow=4.1,SNR=16	ePKP	PKPpre	PKPpre	22 11 10.4 +0.3
VRAC	comp=Z,20nm,0.7s, baz=92,slow=1.1,SNR=24	PP	PP	PP	22 14 03.0 +3.2
VRAC	comp=Z,17nm,1.0s, baz=59,slow=8.6,SNR=4.5	ePKP	SKPbc	SKPbc	22 14 33.1 +1.9
VRAC	comp=Z,169nm,1.2s, baz=87,slow=2.9,SNR=9.6	ePKP	PKPpre	PKPpre	22 11 00.7
VRAC	VRAC		e		22 11 10.9
VRAC	VRAC		e		22 11 52.4
VRAC	VRAC		e		22 14 32.8
PVCC	Panska Ves	138.15 334	eP	Pdfif	22 08 20.8 +0.3
PVCC	Panska Ves	138.15 334	eMLR	MLR	22 11 01.1
PVCC	Panska Ves	138.15 334	ePKDIFF	PKPpre	22 14 33.5
PVCC	Panska Ves	138.15 334	eSKPpre	PKPpre	22 10 59.7
PVCC	Panska Ves	138.15 334	eAMS	AMS	23 10 20.0
BRG	Bergliesshubel	138.15 335	ePdfif	Pdfif	22 08 21.8 +1.3
BRG	baz=36,slow=4.5	eX		22 10 49.6	
BRG	baz=36,slow=2.0	ePKPdf	PKPdf	22 11 09.7 -0.3	

BRG	baz=38,slow=6.2	ePP	PP	22 14 00.3 +0.7	
BRG	baz=40,slow=1.9	eSKPdf	SKPbc	22 14 32.4 +1.2	
BRG	baz=38,slow=6.0	eSKKSac	SKKSac	22 20 39.5 -1.0	
BRG	Bergliesshubel	138.15 335	ePKP	PKPpre	22 11 00.0
BRG	comp=Z,192nm,1.2s	ePKP	Amp	22 11 14.0	
BRG	BRG		ePKP	PKPpre	22 11 40.7 -6.7
BRG	BRG		eAmp	Amp	22 11 46.9
BRG	BRG		eSKP	PKPpre	22 11 53.3
BRG	BRG		eAmp	Amp	22 11 54.2
CLL	comp=Z,138nm,1.2s	Collm	Collm	138.19 336	
CLL	Collm	138.19 336	PKIKP	PKPdf	22 11 10.8 +0.7
CLL	Collm	138.19 336	ePKDIFF	Pdfif	22 08 55.0 -1.6
CLL	Collm	138.19 336	ePKPpre	e	22 11 00.0
CLL	Collm	138.19 336	ePKPpre	e	22 11 03.0
CLL	comp=Z,68nm,0.6s	CLL	i PKPdf	PKIKP	22 11 11.2 -1.0
CLL	comp=Z,1um,2.5s	CLL	i PKIKP	PKPdf	22 11 12.9 +2.8
CLL	comp=Z,1um,2.1s	CLL	ePKIKP	pPKPdf	22 11 50.0 +2.6
CLL	CLL		ePKIKP	ePKIKP	22 12 06.0 +4.2
CLL	CLL		ePKP	PKPpre	22 13 54.0 -5.9
CLL	CLL		eSKPbc	SKPbc	22 14 32.8 +1.6
CLL	comp=Z,318nm,1.4s	CLL	ePKP	i PKPbc	22 14 37.0
CLL	CLL		ePKSbc	PKSbc	22 14 44.0 -1.6
CLL	comp=Z,306nm,1.3s	CLL	ePKSdf	PKSdf	22 14 47.0 +1.0
CLL	CLL		ePKSdf	ePKSdf	22 15 30.0
CLL	CLL		ePKP	ePKP	22 17 33.0
CLL	CLL		i SKKSac	SKKSac	22 20 39.3 -1.4
CLL	CLL		eSKKpbc	SKKpbc	22 23 17.0 -1.0
CLL	CLL		ePKS	ePKS	22 24 42.0
CLL	CLL		ePKS	ePKS	22 26 18.0
CLL	CLL		eSKKSdf	SKKSdf	22 27 38.0 -4.9
CLL	CLL		eSS	SS	22 32 00.0 +0.2
CLL	CLL		e(PSPS)	e	22 33 25.0
CLL	CLL		eSKKSac	e	22 33 54.0
CLL	CLL		e	e	22 36 36.0
CLL	CLL		e(SSSS)	e	22 39 50.0
CLL	CLL		eSSSS	e	22 40 54.0
CLL	CLL		eSSSS	e	22 42 00.0
CLL	Collm	138.19 336	PKPdf	Pdfif	22 11 10.8 +0.7
CLL	Collm	138.19 336	ePdfif	Pdfif	22 08 19.1 -0.5
CLL	baz=38,slow=4.5	CLL	eX		22 10 50.4
CLL	baz=36,slow=4.5	CLL	ePKDIFF	PKPdf	22 11 09.4 -0.7
CLL	baz=36,slow=2.0	CLL	ePP	PP	22 14 00.7 +0.8
CLL	baz=38,slow=6.2	CLL	eSKPdf	SKPdf	22 14 32.2 +0.4
CLL	baz=40,slow=1.9	CLL	eSKKSac	SKKSac	22 20 38.9 -1.8
ESY	Stoneypath	138.29 352	ePKPpre	PKPpre	22 11 01.9
LAWE	Loch Awe, Argy	138.29 354	ePKP	PKPdf	22 11 03.6 -6.5
SMOL	Smolenice	138.30 330	ePKIKP	PKIKP	22 11 12.0 -0.5
SMOL	Smolenice	138.30 330	ePKP	PKPpre	22 11 12.0 -0.5
NRDL	Niedersach Rie	138.31 339	eX		22 10 54.1
NRDL	baz=36,slow=4.5	NRDL	ePKPdf	PKPdf	22 11 09.4 -0.8
NRDL	baz=36,slow=2.0	NRDL	ePP	PP	22 14 01.8 +1.4
NRDL	baz=38,slow=6.2	NRDL	eSKPdf	SKPdf	22 14 32.8 +0.9
NRDL	baz=40,slow=1.9	NRDL	eSKKSac	SKKSac	22 20 41.0 -0.1
SRO	Srobarova	138.33 329	ePKHKP	PKPpre	22 11 04.2
SRO	Srobarova	138.33 329	ePKPpre	PKPpre	22 11 11.5
SRO	Srobarova	138.33 329	ePKP	PKPdf	22 11 04.2 -6.2
SRO	Srobarova	138.33 329	ePKP	PKPdf	22 11 11.5 +1.1
SRO	Srobarova	138.33 329	ePKP	PKPdf	22 14 34.0
SMG	Samos	138.34 311	e	PKPdf	22 11 08.5 -2.3
BANR	Banloc	138.34 324	PKPpre	PKPpre	22 11 02.1
BANR	Banloc	138.34 324	PKPpre	PKPpre	22 14 34.4 +2.5
MDVR	Moldovita	138.35 323	PKPpre	PKPpre	22 11 01.9
MDOV	Moldovita	138.35 323	PKPpre	PKPpre	22 14 34.5 +2.6
KRUC	Moravsky	138.41 331	ePKP	PKPpre	22 11 01.9
KRUC	KRUC		e		22 11 11.5
KRUC	KRUC		e		22 11 53.1
KRUC	KRUC		e		22 14 33.2
KRUC	KRUC		e		22 10 56.8
ASSE	Asse, Remlinge	138.41 338	eX		22 10 56.8
ASSE	baz=36,slow=4.5	ASSE	ePKPdf	PKPdf	22 11 09.7 -0.7
ASSE	baz=36,slow=2.0	ASSE	ePP	PP	22 14 02.1 +1.0
SIGR	SIGRI	138.44 313	P	PKPpre	22 11 00.0
MODS	Motra-Piesok	138.47 330	ePKHKP	PKPpre	22 11 01.8
MODS	MODS		eSS	SS	22 14 02.2
MODS	MODS		eSS	SS	22 32 38.5 +3.5
MODS	MODS		ePKPpre	PKPpre	22 11 01.8
MODS	MODS		ePKP	PKPdf	22 11 02.2 -0.5
MODS	MODS		ePKP	PKPdf	22 14 02.2 +0.3
MODS	MODS		eSKPDF	e	22 14 32.4
MODS	MODS		eSS	SS	22 04 56.7 +3.5
NIS1	Nisyros Isl.	138.49 309	L	PKPdf	22 11 08.2 -2.9
NISR	Nisirov	138.52 309	P	PKPdf	22 11 09.8 -1.3
PRA	Prague	138.55 334	eP	Pdfif	22 08 27.8 +5.5
PRA	Prague	138.55 334	ePKDIFF	Pdfif	22 08 27.8 +5.5
PRA	Prague	138.55 334	ePKPpre	PKPpre	22 1

Table with columns: Name, Location, Time, Status, and other details. Includes entries like SANT Santorini, CMBO Colombo, THRT Imerovigli, etc.

Table with columns: Name, Location, Time, Status, and other details. Includes entries like MAKR Makrakomi, CRES Cresnev, CWF Charnwood, etc.

Table with columns: Name, Location, Time, Status, and other details. Includes entries like TSLS Tsoukalades, NYDR Nydri-Lefkada, EVGI Lefkada island, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like PSET, PDA, PCALD, COI, GRON, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like OUK, TTIG, SFNM, MACI, KIC, LIC, LIR, DBIC, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like NEIC, IDC, NDU, Code, Station Name, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STFCAR, CTKS, SJES, etc.

IDC 20 22:42:50.1, 13.0, 14.82S, 165.89E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.7/49, mbtmp3.9/5, ML3.5/1, Error ellipse: s-maj=228.2km s-min=36.4km az=59.0

NEIC 20 22:42:54.6, 1.2, 14.8S, 0.1x167.5E, 0.1, h134km, 4km, mb4.2/9, Error ellipse: s-maj=20.2km s-min=15.6km az=122.0

ISC 20 22:42:54.7, 1.8, 14.8S, 0.1x167.4E, 0.2, h150km, n16, s154/118, mb3.9/7, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SANVU, DZM, EIDS, etc.

IDC 20 22:43:59.9, 15.0, 14.70S, 165.88E, h0km, mb3.7/3, mb1.3/4.5, mb1mx3.6/46, mbtmp3.7/4, ML3.2/1, Error ellipse: s-maj=255.5km s-min=39.4km az=57.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, STKA, WRA, etc.

IDC 20 22:46:48.1, 9.6, 14.90S, 167.22E, h137km, 60km, mb3.2/4, mb1.3/4.5, mb1mx3.2/39, mbtmp3.7/5, Error ellipse: s-maj=85.9km s-min=33.8km az=36.0

ISC 20 22:46:49.8, 3.0, 15.0S, 0.2x167.2E, 0.4, h150km, n5, s090/6, mb3.4/4, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, STKA, WRA, etc.

IDC 20 23:08:16.3, 1.7, 24.88N, 122.10E, h0km, mb3.9/6, mb1.4/0.6, mb1mx3.7/48, mbtmp3.9/6, Error ellipse: s-maj=140.3km s-min=18.1km az=65.0

JMA 20 23:08:17.0, 1.2, 24.84N, 121.96E, h36km, M3.5 TAP 20 23:08:17.1, 24.85N, 121.98E, h6km, ML4.0, C NEIC 20 23:08:17.4, 1.3, 24.86N, 0.03x122.05E, 0.02, h42km, 2km, mb4.6/8, ML4.2(TAP), Error ellipse: s-maj=3.9km s-min=2.4km az=209.0

ISC 20 23:08:17.4, 0.9, 24.86N, 0.02x122.05E, 0.02, h7km, 6km, n161, s079/202, mb4.2/9, 23C-2D, Taiwan region

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWB1, NTC, TIPC, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NSTT, HSN, TWT, etc.

Table with columns: BATG, Q51A, Q51A, BLA, comp=Z, 25nm, 0.9s, Blacksburg, comp=Z, 15nm, 0.9s. Includes station names like Bathurst New B, Peebles, and Blacksburg with associated frequencies and phases.

IDC 20 23:43:12.2e, 10.0, 14.75S; 167.41E, h148km, 67km, mb3.2/4, mb1 3.4/5, mb1mx3.2/27, mbtmp3.7/5, Error ellipse: s-maj=91.8km s-min=38.3km az=38.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, STKA, WRA, ASAR, VNUA, VNUA.

IDC 20 23:45:39.1e, 8.7, 14.62S; 167.17E, h129km, 78km, mb3.5/3, mb1 3.6/4, mb1mx3.3/2, mbtmp3.9/4, Error ellipse: s-maj=69.0km s-min=43.4km az=169.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU, SANVU, DVP, MARNC, WATNC, DZM, DZM, DZM.

IDC 20 23:45:40.4e, 1.8, 14.7S; 0.1x167.3E:0.2, h150km, n23, e152/25, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTAA, CTAA, STKA, STKA, WRA, WRA, WRA, WRA.

IDC 20 23:55:41.5e, 1.0, 31.00S; 71.48W, h0km, mb4.1/5, mb1 4.1/9, mb1mx4.0/21, mbtmp4.0/9, ML3.8/4, MS4.0/1, Ms1 4.0/1, ms1mx3.9/19, Error ellipse: s-maj=30.7km s-min=26.7km az=120.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CO06, CO06, CO06, CO06, CO03, CO03, CO03, CO03.

IDC 20 23:55:48.0e, 3.0, 82.8S; 71.67W, h10km, ML4.4, NEIC 20 23:55:48.3e, 3.2, 80.82S; 0.04:0.71, 50W, h4km, 5km, mb4.5/17, ML4.3(GUC), Error ellipse: s-maj=9.2km s-min=3.1km az=130.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VA06, VA06, AROD, LCO, LCO, LCO, LCO, VA03, VA03, VA03, VA03.

IDC 20 23:55:48.3e, 0.6, 30.82S; 71.40W, h50km, 2km, ML4.3, NEIC 20 23:55:48.1e, 0.7, 30.83S; 0.03:71.50W, h0.4, h44km, 6km, n115, e1936/121, mb4.4/11, 8C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VA01, VA01, VA01, VA01, VA01, VA01, VA01, VA01.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VA01, VA01, VA01, VA01, VA01, VA01, VA01, VA01.

Table with columns: MT05, Renca, MT05, Renca, MT05, Renca, comp=E, 2um, 0.6s, Renca, AC04, Llanos de Chal, AC04, Llanos de Chal, AC04, Llanos de Chal.

Table with columns: AC04, Llanos de Chal, RTVC, Cerro Valdivia, VA05, Santo Domingo, ASAL, Salagosa, ARCO, CERRITO ARCO, MT09, Talagante, MT09, Talagante, MT09, Talagante.

Table with columns: MT01, Popeta, MT01, Popeta, comp=N, 687nm, 0.5s, MT01, Popeta, AAGR, Agrelo, LMEL, Las Melosas, LMEL, Las Melosas, LMEL, Las Melosas.

Table with columns: GO03, Copiap, GO03, Copiap, VOA, Vichina, BO01, Tunca, BO01, Tunca, BO02, Sierra Bellavi, EC02, Sierra Bellavi, GO05, Huala, APLL, PUNTA DE LOS L, AC02, Maricunga, RFA, San Rafael, ML02, Panimilla, MRA, San Martin, CYA, Choya, AHML, Horco Molle, FSA, Cafayete, H03N, Juan Fernandez, H03N, Juan Fernandez.

Table with columns: H03N, Juan Fernandez, H03N, Juan Fernandez, LC01, Cunco, LC01, Cunco, LC01, Cunco, LC01, Cunco, AFV1, San Pedro de A, LF01, Limon Verde, comp=N, 0.3nm, 0.3s, baz=280, slow=21, SNR=1.6, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde, LVC, Limon Verde.

Table with columns: H0S2, Diego Garcia H, H0S3, Diego Garcia H, H0S1, Diego Garcia H, GAR, Garm, GAR, Garm, GAR, Garm, GAR, Garm.

Table with columns: SONM, Songiro Array, CHGR, Chuyangaron, CHGR, Chuyangaron, BTK, Batken, MK31, Makanchi Array, MK31, Makanchi Array, MK31, Makanchi Array, MK31, Makanchi Array.

Table with columns: MKAR, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array.

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MAN 20 23:58:22.5e, 5.65N; 126.17E, h37km, mb5.0, ML3.9, MS4.0, IDC 20 23:58:23.3e, 1.2, 5.76N; 126.24E, h80km, 10km, mb3.8/16, mb1 4.0/19, mb1mx3.9/39, mbtmp4.2/19, Error ellipse: s-maj=29.3km s-min=9.1km az=74.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSPH, General Santos, GSPH, General Santos, GSPH, General Santos, GSPH, General Santos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAV, Davao City (W), DMPH, Davao City (W), DMPH, Davao City (W), DMPH, Davao City (W).

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DCPW, Dipolog City, DCPW, Dipolog City, DCPW, Dipolog City, DCPW, Dipolog City.

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

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

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

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

21d 1h

Table with columns: WHFO, SNR=28, KBZ Khabaz, MKAR R Makanchi Array, OBN Obninsk, ZALV Zalesovo Beam, WTWA Wattenberg, SQTA Sankt Quirin, FETA Feichten, DAVA Damuels

IDC 21 00:48:13.7-1.8, 0.29S; 127.52E, h165km, 16km, mb3.7/10, mb1 3.8/13, mb1mx3.5/7, mbtmp4.2/13, Error ellipse: s-maj=19.9km s-min=13.0km az=53.0

NEIC 21 00:48:13.1-1.0, 0.29S; 0.09; 127.40E; 0.08, h155km, 8km, mb4.3/19, Error ellipse: s-maj=14.0km s-min=10.0km az=208.0

DJA 21 00:48:14.0-0.3, 0.2S; 127.12E, h137km, 6km, M4.5/13, mb5.3/3, mb4.6/6, MLV4.6/13, Mw(mb)4.7/3

ISC 21 00:48:12.4-0.6, 0.27S; 0.05; 127.44E; 0.06, h150km, n59, r15/66, mb4.2/17, Halmahera

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

NOU 21 01:02:21.3, 14.05S; 167.07E, h160km, ML4.5/7, Vanuatu Islands

IDC 21 01:02:28.4; 13.0, 14.90S; 165.78E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/28, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=235.7km s-min=37.8km az=56.0

ISC 21 01:02:32.9; 1.8, 14.9S; 0.1; 166.7E; 0.2, h100km, n8, r084/9, mb3.3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

2015 OCT

Table with columns: WRA Warramunga Arr, ASAR Alice Springs, JMA 21 01:14:29.8, IDC 21 01:14:30.6, mb1 4.0/15, NEIC 21 01:14:31.9, ASIES 21 01:14:32.4, TAP 21 01:14:32.3, ISC 21 01:14:32.3

Main station list table for 2015 OCT with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

900

Main station list table for 900 with columns: CHN3, EYUL, TWF1, TWF1, SNST, TPUB, TPUB, ECBN, ECBN, YULB, YULB, YULB, TWK, TWK, TAI1, CHN4, YUS, YUS, EHY, EHY, ALS, ALS, HGSD, HGSD, SCLT, SCLT, ICHU, ICHU, CHN5, CHN5, CHY, CHY, CHN8, CHN8, CHN2, CHN2, EGFH, EGFH, WKG, WKG, WDLH, WDLH, SSLB, SSLB, SSLB, WTK, WTK, WJWS, WJWS, WJWS, WJWS, WSF, WSF, WSF, SMLT, SMLT, SMLT, TYC, TYC, TYC, WNT, WNT, WNT, OWD, OWD, WPL, WPL, ETM, ETM, DPDB, DPDB, DPDB, WRL, WRL, WRL, WCS, WCS, WCS, CHGB, CHGB, WWF, WWF, WCHH, WCHH, WHF, WHF, WHF, TWD, TWD, TCU, TCU, VCHM, VCHM, VCHM, PHUB, PHUB, PHUB, NACB, NACB, NACB, NACB, ETLH, ETLH, ETLH, TDCB, TDCB, TDCB, FUSS, FUSS, FUSS, TWT, TWT, TWT, PNG, PNG, PNG, PNG

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHP Taichung City, TWQ1 Lyutan, WDJ Dajia District, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 42.80, H11S1 WAKE ISLAND Hy 42.81, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TABS Tabas, KRSH Karshahi, WHFO Ayub, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like H11N1 WAKE ISLAND and H11N2 WAKE ISLAND.

IDC 21 02:16:30.0, 3.1, 13.51S, 169.89E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/34, mbtmp3.5/4, Error ellipse: s-maj=145.3km s-min=35.1km az=137.0

NOU 21 02:17:06.9, 14.67S, 167.42E, h132km, ML4.2/9, Vanuatu Islands

ISC 21 02:16:43.4, 4.1, 13.4AS, 0.2x169.5E, 0.2, h100km, n11, 0.0589/9, mb3.4/4, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SARANU Saraoutou, DVP Devils Point, etc.

VAO 21 02:20:25.1, 1.1, 3.22, 49S, 69.61W, h182km, 6km, ML3.8 GUC 21 02:20:32.4, 0.7, 22.04S, 68.56W, h155km, 5km, ML3.5

ISC 21 02:20:31.0, 0.7, 22.01S, 0.04x68.60W, 0.06, h128km, 8km, n38, r135/52, 11C-1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like LVC Limon Verde, AF01 San Pedro de A, etc.

TA01 Diego Aracena, TA01 Humberstone, HMCB HMCB, HMCB HMCB

TA02 Huiquiue, PB10 IPOC Station P, PSGC Pisagua, PSGC Pisagua

LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz

LPAZ La Paz, SALV Santo Antonio, PPIB Ponte de Pedra, CLDB Colider

ARAG Araguaiana, MT 17.08 71, FRTJ Faturra, FRTJ Guarua-PR

BB19 Bebedouro, RCLB Rio Claro- Sao, IPMB Iperameri, GNO Novo Progresso

VAO Valinhos, BDFB Brasilia, ITTB Itaituba, PEXB Peixe

MC01 Montes Claros, JANB Januaria, TMAB Tom-Aru, PA, Br, TXAR Lajitas Array

TORD Torodi Ar. Bea, TAP 21 02:34:36.1, 24.84N, 122.02E, h9km, ML3.2, C JMA 21 02:34:36.9, 24.83N, 121.98E, h27km, M2.7

ISC 21 02:34:36.3, 0.9, 24.84N, 0.02x122.03E, 0.02, h11km, 6km, n80, 0.0569/143, 3C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NDS Mucha, TWA Mucha, etc.

NHNDH Xindian Distri, NHDH Anpu, NWLT Wulai

NWLT Wulai, ENA Nanau, ENA Anpu

TAP Taipei, TAP Taipei, YMO1 YMO1

YMO1 YMO1, ANP Anpu, TWY Chenhua

TWY Chenhua, TWY Chenhua, EHP Heping Village

TWS1 Kuangyinshan, TWS1 Kuangyinshan, NTST Danshui

NTST Danshui, NTST Danshui, YHNB Yeheng

YHNB Yeheng, NSK Sanguang, NSK Sanguang

NSK Sanguang, NNSB Datong, NNSB Datong

NNSB Datong, NNS Nan Shan, ETL Fush Village

ETL Fush Village, ETL Fush Village, NACB Ninganchiao

NACB Ninganchiao, NCU National Centr, NCU National Centr

NCU National Centr, NCU National Centr, NCU Zhongli

NCU Zhongli, PCYT Pengchayui, PCYT Pengchayui

PCYT Pengchayui, PCYT Pengchayui, ETLH Xiulin Townshi

ETLH Xiulin Townshi, ETLH Xiulin Townshi, TWD Chiawan

TWD Chiawan, TWD Chiawan, JYNG Yonagunijimaku

JYNG Yonagunijimaku, FUSS Fushou, FUSS Fushou

FUSS Fushou, LIOB Emei, LIOB Emei

LIOB Emei, LIOB Emei, SBBC Hsinchu

SBBC Hsinchu, SBBC Hsinchu, NSTT Nanjiang

NSTT Nanjiang, NSTT Nanjiang, HSN Hsinchu

HSN Hsinchu, YOJ Yonaguni jima, YOJ Yonaguni jima

YOJ Yonaguni jima, YOJ Yonaguni jima, YWJ Tachien

YWJ Tachien, TWY Tachien, TWY Tachien

TWY Tachien, WHF Hehuan Shan, WHF Hehuan Shan

WHF Hehuan Shan, TDCB Tech, TDCB Tech

TDCB Tech, CHGB Renai, CHGB Renai

CHGB Renai, WHP Taichung City, WHP Taichung City

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TYC Suanglung, SSSL Suanglung, etc.

TYC Suanglung, SSSL Suanglung, SSSL Suanglung

SSSL Suanglung, HGSD Ruisui, HGSD Ruisui

HGSD Ruisui, YULB Yu-Ii, YULB Yu-Ii

YULB Yu-Ii, EYUL Yuli, EYUL Yuli

EYUL Yuli, YUS Yu-Shan, YUS Yu-Shan

YUS Yu-Shan, ALS Alishan, ALS Alishan

ALS Alishan, CHN5 Tsaungling, CHN5 Tsaungling

CHN5 Tsaungling, CHN5 Tsaungling, FULB Fuli

FULB Fuli, ELDTW Lidou, ELDTW Lidou

ELDTW Lidou, ELDTW Lidou, KJRS Kuro-shima

KJRS Kuro-shima, KJRS Kuro-shima, EDH Donghe

EDH Donghe, JIJ Ishigaki jima, JIJ Ishigaki jima

JIJ Ishigaki jima, CHN4 Tsaushan, CHN4 Tsaushan

CHN4 Tsaushan, CHN4 Tsaushan, CHN1 Nanshi

CHN1 Nanshi, CHN1 Nanshi, PTMZ Houxiangcun

PTMZ Houxiangcun, XPSS Dashiui, XPSS Dashiui

XPSS Dashiui, XPSS Dashiui, LYJJ Jjiangzhen

LYJJ Jjiangzhen, LYJJ Jjiangzhen, EAST Anshuo

EAST Anshuo, MHZQ Yeshan, MHZQ Yeshan

MHZQ Yeshan, MHZQ Yeshan, MHZQ Yeshan

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MHZQ Yeshan, MHZQ Yeshan, MHZQ Yeshan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TYC Suanglung, SSSL Suanglung, etc.

IDC 21 02:48:16.1, 14.0, 14.98S, 165.57E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/29, mbtmp3.8/4, ML3.4/1, Error ellipse: s-maj=248.2km s-min=37.7km az=55.0, Vanuatu Islands

IDC 21 02:47:09.1, 3.9, 31.56S, 178.87W, h0km, mb4.2/3, s-maj=174.4km s-min=41.4km az=163.0

NEIC 21 02:47:09.3, 0.6, 33.1S, 0.1x178.7W, 0.2, h10km, 1km, mb4.4/10, Error ellipse: s-maj=26.1km s-min=18.0km az=72.0

ISC 21 02:47:09.9, 1.7, 33.1S, 0.2x178.9W, 0.2, h10km, n18, 0.0581/18, mb4.3/9, South of Kermadec Islands

URZ Urewera, BKZ Black Stump Fm, CTA Charters Tower

CTA Charters Tower, CTAO Charters Tower, AS31 Alice Springs

ASAR Alice Springs, ASAR Alice Springs, WRO Warramunga Arr

WRO Warramunga Arr, WRO Warramunga Arr, WB2 Warramunga Arr

WB2 Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek

WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr

WRA Warramunga Arr, WRO Warramunga Arr, WRO Warramunga Arr

WRO Warramunga Arr, FORT Forrest, FITZ Fitzroy Crossi

FITZ Fitzroy Crossi, QSPA South Pole Qui, QSPA South Pole Qui

QSPA South Pole Qui, FINES FINES Array B, FINES FINES Array B

FINES FINES Array B, NOA NORSAR Array B, NOA NORSAR Array B

NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

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NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

GUC 21 03:10:28.0.7, 30.655S; 71.45W, h47km, 3km, ML4.0
NEIC 21 03:10:28.0.1.4, 30.689S; 0.04:71.57W, 0.05, h36km, 11km,
mb4.0/2, ML4.0(GUC), Error ellipse: s-maj=7.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fray Jorge, EI Pedregal, La Serena, Tololo Observa, etc.

IDC 21 03:31:00.4.2.4, 6.57S; 130.78E, h0km, mb4.0/1,
mb1.3/3, mb1mx3.5/29, mbtmp3.7/3, ML3.6/2, Error
ellipse: s-maj=135.1km s-min=32.1km az=71.0, Banda
Sea

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

NEIC 21 03:39:52.4.2.3, 5.18S; 0.10:11.5W, 0.1, h10km, 1km,
mb4.9/12, Error ellipse: s-maj=22.2km s-min=16.3km
az=273.0

IDC 21 03:39:54.9.0.9, 5.01S; 10.88W, h0km, mb4.2/11,
mb1.4/3/1, mb1mx4.0/35, mbtmp4.2/11, MS3.9/13,
Ms1.3/9/13, ms1mx3.6/34, Error ellipse: s-maj=28.6km
s-min=20.5km az=84.0

ISC 21 03:39:52.6.0.5, 145.8; 0.08:11.7W, 0.1, h10km, n38,
a1919/29, mb4.4/13, MS3.8/12, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASCENSION HYDR, KOWA, TORDI Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERES, BRTR, BNN, ROSC, etc.

KMA 21 03:40:02.3.1.2, 38.78N; 126.11E, h10km, 7km, Error
ellipse: s-maj=9.1km s-min=3.9km az=8.0, North Korea

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

NOU 21 03:49:24.0, 14.58S; 167.32E, h133km, ML4.2/7, Vanuatu
Islands, Vanuatu Islands

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

BUI 21 03:43:53.1.0.0, 33.26N; 140.45E, h96km, mb5.0/17,
mb4.4/34

IDC 21 03:53:57.5.0.3, 33.32N; 139.97E, h99km, 2km, mb4.2/43,
mb1.4/3/47, mb1mx4.2/78, mbtmp4.6/47, MS3.0/2,
Ms1.3/0/2, ms1mx2.6/41, Error ellipse: s-maj=10.3km
s-min=6.9km az=78.0

NIED 21 03:53:58.3, 33.43N; 140.13E, h93km, MW4.6, Moment
Tensor solution: s3 Moment tensor: Scale 1015Nm;
Mn:1.91; Mw:0.69; Mxx:1.23; Mxy:0.96; Myx:1.86; Myz:0.15;
Fault plane solution: Ms8.54000x1015 Np1;
p:177.00000; 385.00000; 4.77.00000; NP2:p:65.00000;
s:14.00000; 1.158.00000

NEIC 21 03:53:58.3.1.6, 33.47N; 0.06:140.37E, 0.09, h94km, 5km,
mb4.7/158, Error ellipse: s-maj=10.8km s-min=9.4km
az=107.0

JMA 21 03:53:58.2, 33.43N; 140.13E, h93km, 1km, ML4.4
JMA Felt J1

ISC 21 03:53:57.1.0.5, 33.36N; 0.03:140.13E, 0.06, h96km, 4km,
n461, s1928/481, mb4.6/122, 2C-1D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU2, JHU3, JHU4, etc.

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

21d 5h

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

2015 OCT

Table with columns: BRG, Amp, 05 02 35.3, etc. Includes stations like DZM Mont Dzumac, PKI Pulchokki, GKN Gorkha, etc.

910

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DVP Devils Post, DZM Mont Dzumac, WRA Warramunga Arr, etc.

21d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ, JKA, JMS, NMR, GLV, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSCIN, HAMB, HAMB, TJN, etc.

912

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIA, TIA, TIA, etc.

H11S3	WAKE ISLAND Hy 29.20 123	T	T	06 41 10.8	ZALV	comp=Z,2um,18.7s,baz=91,slow=37	LR	LR	06 30 34.6	DMN	Daman	comp=Z,55nm,1.2s	47.66 275	eP	P	06 13 23.0	-0.2		
H11S2	WAKE ISLAND Hy 29.21 123	T	T	06 41 35.0	SANI	Sanana	41.64 203	P	P	06 12 33.2	-1.6	MLY	Manley	comp=Z,142nm,0.9s	47.71 32	I Amb	I Amb	06 13 40.0	
LZH	Lanzhou 29.81 279	eP	pP	06 10 53.8 +0.2	MPSI	comp=Z,7um,comp=Z,143nm,0.7s	P	P	06 12 36.2	+0.7	MLY	Manley	comp=Z,23nm,0.8s	47.71 32	P	P	06 13 24.7	+2.0	
LZH	comp=Z,85nm,1.2s	pP	pmax	06 10 57.0 -6.0	ZSN	Zaisan	41.95 302	/I	P	06 12 37.1	+0.1	SUA	Susitna One	baz=269,SNR=22	47.74 37	I Amb	I Amb	06 13 36.9	
LZH	comp=Z,520nm,4.3s	pmax	pmax		ZSN	Zaisan	41.95 302	/P	P	06 12 37.1	+0.1	SUA	Susitna One	comp=Z,43nm,0.9s	47.74 37	P	P	06 13 25.1	+2.0
LZH	comp=Z,3um,12.5s	LR	LR		LSA	Lhasa	41.97 275	P	pmax	06 12 38.8	+0.8	BRLK	Bradley Lake	comp=Z,43nm,1.0s	47.76 39	I Amb	I Amb	06 13 37.4	
LZH	comp=Z,5um,14.6s	LR	LR		LSA	Lhasa	41.97 275	/I	P	06 12 38.5	+0.4	BRSE	Bradley Lake S	baz=272,SNR=5.1	47.84 39	P	P	06 13 25.7	+1.9
ZAK	Zakamensk 29.92 308	eP	pmax	06 10 54.6 +0.3	LSA	Lhasa	41.97 275	I Amb	I Amb	06 12 40.5		GNK	Gorkha	comp=Z,632nm,1.2s	47.90 34	I Amb	I Amb	06 13 31.4	
ZAK	comp=Z,41nm,1.2s	pmax	pmax		MSAI	Masochi	42.04 198	P	P	06 12 44.0	+5.9	TRF	Thorofare Mount	comp=Z,46nm,1.0s	47.90 34	P	P	06 13 25.7	+1.3
GYA	Guiyang 31.07 260	pP	pP	06 11 03.1 -1.6	APSI	Ampana	42.12 210	P	P	06 12 40.1	+1.4	TRF	Thorofare Mount	baz=271,SNR=8.7	47.99 29	P	P	06 13 26.1	+1.3
GYA	comp=Z,75nm,0.8s	pP	pmax	06 11 12.4 -1.8	NRIK	Noril'sk	42.91 335	/P	P	06 12 43.5	-1.1	COLD	Coldfoot	comp=Z,46nm,1.0s	48.03 37	P	P	06 13 25.8	+0.6
GYA	comp=Z,270nm,3.5s	pmax	pmax	06 16 06.5 -1.5	NRIK	comp=Z,9.3nm,0.5s,baz=106,slow=12,ScP	42.91 335	/P	ScP	06 18 22.5	-0.8	M2K	Willow	baz=298,SNR=5.9	48.07 299	eP	P	06 13 25.8	0.0
GYA	comp=Z,1um,16.9s	LR	LR		NRIK	comp=Z,8.4nm,0.9s,baz=162,slow=2.0,SNR=3.9	42.91 335	/P	LR	06 31 35.3		CHKK	Chushkaly	baz=273	48.07 299	eP	P	06 13 26.8	-0.4
GYA	comp=Z,2um,21.0s	LR	LR		NRIK	comp=Z,1um,18.1s,baz=112,slow=36	42.91 335	/P	pmax	06 12 44.0	-0.6	MDOK	Medeo	baz=298	48.21 298	eP	P	06 13 26.7	-0.4
CD2	Chengdu 31.46 269	P	S	06 11 08.1 0.0	NRIK	comp=Z,21nm,1.1s	42.91 335	/P	P	06 12 44.0	-0.6	H2K3	Yukon River	comp=Z,21nm,0.9s	48.22 31	P	P	06 13 35.8	
CD2	comp=Z,60nm,0.8s	S	pmax	06 16 15.3 +1.2	NRIK	Noril'sk	42.91 335	P	P	06 12 46.8	+1.4	H2K3	Yukon River	baz=269	48.22 31	P	P	06 13 28.5	+1.9
CD2	comp=Z,2um,14.5s	LR	LR		NDI	Bandanaira	42.94 197	P	P	06 12 47.7	-0.3	RC01	Rabbit Creek A	comp=Z,46nm,1.0s	48.25 37	I Amb	I Amb	06 13 32.6	
CD2	comp=Z,3um,18.8s	LR	LR		RDOG	Red Dog Mine	43.33 27	P	P	06 12 53.0	+1.2	RC01	Rabbit Creek A	comp=Z,24nm,0.9s	48.25 37	P	P	06 13 27.7	+0.8
MOY	Mondy 31.58 310	eP	pmax	06 11 09.0 0.0	SBUM	Sibu	43.73 224	P	P	06 12 51.3	-0.7	I2K3	Minto, Yukon-K	baz=274,SNR=7.1	48.29 32	P	P	06 13 28.5	+1.4
GTA	Gaotai 32.27 287	pP	pP	06 11 14.3 -1.0	MK31	Makanchi Array	43.78 302	/I	P	06 12 51.6	-0.4	AAA	Alma Ata	baz=270,SNR=8.8	48.29 298	eP	P	06 13 28.1	+0.4
GTA	comp=Z,28nm,0.9s	pP	siP	06 11 22.1 -2.6	MKAR	Makanchi Array	43.78 302	/I	ScP	06 18 27.0	-0.4	AAA	Alma Ata	baz=298	48.29 298	eP	P	06 13 28.0	+0.4
GTA	comp=Z,440nm,8.0s	pP	PcP	06 14 04.1 +1.1	MKAR	comp=Z,1um,19.0s,baz=81,slow=37	43.78 302	/I	LR	06 31 44.1		O22K	Cooper Landing	comp=Z,24nm,0.9s	48.30 38	eP	P	06 13 27.5	+0.2
GTA	comp=Z,1um,17.5s	pmax	pmax		MKAR	comp=Z,104nm,0.8s	43.78 302	/I	pmax	06 12 51.5	-0.4	TOLK	Toolik Lake Re	comp=Z,24nm,0.9s	48.30 27	I Amb	I Amb	06 13 30.7	
GTA	comp=Z,1um,21.1s	LR	LR		MAK2	Makanchi	43.99 302	P	pmax	06 12 53.1	-0.5	TOLK	Toolik Lake Re	baz=267,SNR=9.2	48.30 27	P	P	06 13 28.4	+1.1
ADK	Adak 32.85 50	P	pmax	06 11 19.3 -0.7	MAK2	Makanchi	43.99 302	P	pmax	06 12 53.1	-0.5	TNSS	Tian-Shan	baz=298	48.32 298	eP	P	06 13 28.3	+0.1
ADK	comp=Z,58nm,1.2s	P	pmax	06 11 19.3 -0.7	SEM	Semipalatinsk	44.59 307	eP	pmax	06 12 57.3	-1.3	DANN	Dansing	comp=Z,566nm,0.8s	48.41 277	eP	P	06 13 29.0	+0.1
ADK	comp=Z,58nm,1.2s	I Amb	I Amb	06 11 23.5	SEM	Semipalatinsk	44.59 307	eP	pmax	06 12 57.3	-1.3	KDJ	Kajisa	comp=Z,37nm,0.8s	48.41 297	I Amb	I Amb	06 13 31.0	
QIZ	Qiongzong 32.86 245	P	S	06 11 21.4 +1.0	GCSA	Galena City Sc	45.08 32	P	P	06 13 02.8	+0.8	NEA2	Nenana	comp=Z,27nm,1.0s	48.42 33	I Amb	I Amb	06 13 46.6	
QIZ	comp=Z,27nm,0.8s	S	pmax	06 16 39.0 +3.1	MTKI	Muaratehew, K	45.18 219	P	P	06 13 03.6	+0.2	NEA2	Nenana	baz=271,SNR=9.4	48.42 33	P	P	06 13 29.5	+1.4
QIZ	comp=Z,1um,17.2s	LR	LR		SVW2	Sparrevohng	45.41 38	I Amb	I Amb	06 13 19.1		SEW	Seward	baz=275	48.46 39	P	P	06 13 29.0	+0.5
QIZ	comp=Z,770nm,16.7s	LR	LR		P18K	Big Mountain,	45.57 40	P	I Amb	06 13 06.7	+0.7	MCK	McKinley	comp=Z,21nm,0.8s	48.50 34	I Amb	I Amb	06 13 45.3	
QIZ	comp=Z,1um,17.2s	LR	LR		P18K	Big Mountain,	45.57 40	P	P	06 13 06.6	+0.6	MCK	McKinley	baz=272,SNR=11	48.50 34	P	P	06 13 29.6	+0.7
QIZ	comp=Z,770nm,16.7s	LR	LR		O18K	Koktuh Hills	45.58 39	I Amb	I Amb	06 13 10.0		PMR	Palmer	comp=Z,42nm,0.9s	48.51 37	I Amb	I Amb	06 13 41.8	
QIZ	comp=Z,1um,17.2s	LR	LR		O18K	Koktuh Hills	45.58 39	P	P	06 13 06.7	+0.6	PMR	Palmer	comp=Z,42nm,0.9s	48.51 37	P	P	06 13 29.5	+0.6
QIZ	comp=Z,770nm,16.7s	LR	LR		KURK	Kurchatov	45.58 308	P	P	06 13 06.3	+0.1	KUU	Kury	comp=Z,103nm,1.3s,baz=299	48.51 299	eP	P	06 13 28.2	-1.0
QIZ	comp=Z,1um,17.2s	LR	LR		KURK	Kurchatov	45.58 308	P	P	06 13 06.2	+0.1	KUU	Kury	comp=Z,103nm,1.3s,baz=299	48.51 299	eP	pmax	06 13 28.2	-1.0
QIZ	comp=Z,770nm,16.7s	LR	LR		KSM	Kuching	45.61 226	P	P	06 13 06.2	-0.5	RND	Reindeer	comp=Z,103nm,1.3s	48.55 34	I Amb	I Amb	06 13 31.2	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.3	+0.1	JRMM	Jurmain	comp=Z,22nm,0.7s	48.58 236	P	P	06 13 30.0	+0.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	MTBS	Matube	baz=298	48.66 298	eP	P	06 13 30.8	+0.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	MDM	Murphy Dome	comp=Z,44nm,0.9s	48.77 32	I Amb	I Amb	06 13 34.4	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	KOLN	Koldanda	comp=Z,21nm,1.0s	48.79 276	eP	P	06 13 31.4	-0.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	KULM	Kulim	comp=Z,44nm,0.9s	48.79 276	eP	P	06 13 31.4	-0.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	KNK	Knik Glacier	comp=Z,33nm,0.8s	48.84 37	I Amb	I Amb	06 13 32.0	+0.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	KNK	Knik Glacier	comp=Z,33nm,0.8s	48.84 37	P	P	06 13 32.1	+0.6
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	WRH	Wood River Hill	comp=Z,20nm,0.8s	48.85 33	P	I Amb	06 13 32.2	+0.7
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	WRH	Wood River Hill	comp=Z,20nm,0.8s	48.85 33	P	I Amb	06 13 46.8	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	SML	Sawmill	comp=Z,23nm,0.8s	48.86 36	P	P	06 13 32.8	+0.1
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	SML	Sawmill	comp=Z,23nm,0.8s	48.86 36	P	P	06 13 32.4	+0.6
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	H24K	Noodor Dome	baz=274,SNR=7.0	48.90 31	I Amb	I Amb	06 13 38.5	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	H24K	Noodor Dome	comp=Z,21nm,1.0s	48.90 31	P	P	06 13 33.8	+1.9
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	TCOL	CIGO, UAF Yank	comp=Z,22nm,0.8s	48.93 32	I Amb	I Amb	06 13 54.7	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	TCOL	CIGO, UAF Yank	comp=Z,22nm,0.8s	48.93 32	P	P	06 13 33.5	+1.4
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	baz=272,SNR=7.5	48.94 32	P	pmax	06 13 32.9	+0.8
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	comp=Z,23nm,0.8s	48.94 32	P	pmax	06 13 32.9	+0.8
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	comp=Z,23nm,0.8s	48.94 32	P	I Amb	06 13 54.7	
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	comp=Z,23nm,0.8s	48.94 32	P	I Amb	06 13 32.8	+0.7
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	comp=Z,23nm,0.8s	48.94 32	P	I Amb	06 13 32.8	+0.7
QIZ	comp=Z,1um,17.2s	LR	LR		KURBB	Kurchatov Arra	45.65 308	P	P	06 13 06.2	-0.5	COLA	College	comp=Z,23nm,0.8s	48.				

MORW	comp=Z,23nm,0.8s	I Amb	I Amb	06 15 59.7		
RAF	Rauma	70.31 333	eP	P	06 15 59.1 -0.2	
L04D	Klamath Falls	70.32 52	P	P	06 16 00.9 +1.0	
YBH	Yreka Blue Hor	70.33 52	P	P	06 16 01.5 +1.5	
YBH	comp=Z,20nm,1.2s	P	P			
YBH	Yreka Blue Hor	70.33 52	P	I Amb	06 16 01.5 +1.5	
YBH	comp=Z,20nm,1.1s	I Amb	I Amb	06 16 03.1		
SUMG	Summit	70.38 360	i P	P	06 16 00.4 +0.3	
SUMG	Summit	70.38 360	i P	P	06 16 00.4 +0.3	
J05D	comp=Z,82nm,1.1s	Fort Rock, OR	70.40 50	P	P	06 16 01.8 +1.4
M02C	Callahan	70.42 53	P	P	06 16 01.7 +1.2	
K04D	Chiloquin, OR	70.44 51	P	P	06 16 01.5 +0.9	
ZEI	Tsey	70.45 309	eP	P	06 15 57.9 -2.9	
E09A	comp=Z,18nm,1.0s	Wood Farm, Sta	70.46 46	I Amb	I Amb	06 16 03.1
KBZ	comp=Z,19nm,1.0s	Khabaz	70.55 310	P	P	06 16 01.0 -0.1
KBZ	comp=Z,77nm,0.9s, baz=68, slow=4.5, SNR=118	LR	LR	LR	06 51 48.1	
KBZ	comp=Z,1.1um,18.0s, baz=58, slow=40	Khabaz	70.55 310	i P	P	06 16 00.9 -0.1
KIV	comp=Z,103nm,0.9s	Kislovodsk	70.55 311	i P	P	06 16 01.6 +0.3
KIV	comp=Z,103nm,0.9s	Kislovodsk	70.55 311	eP	S	06 16 01.1 -0.2
KIV	comp=Z,205nm,1.1s	LR	LR	LR	06 25 10.8 -1.8	
KIV	comp=Z,59nm,3.9s	MLR	MLR	MLR		
KIV	comp=Z,688nm,18.0s	Kislovodsk	70.55 311	P	P	06 16 00.1 -1.2
KIV	Kislovodsk	70.55 311	P	P	06 16 01.3 0.0	
JLN	Jalan Bani Buh	70.58 283	P	P	06 16 01.0 -0.7	
WSAR	Wadi Sarin	70.59 285	P	P	06 16 02.5 +0.8	
WBK	Wadi Bani Khal	70.67 284	P	P	06 16 03.2 +0.9	
N02D	Trinity Center	70.74 53	P	P	06 16 03.1 +0.6	
BIDO	Bidbid	70.82 285	P	P	06 16 03.9 +0.8	
M04C	Macdoel	70.84 52	P	P	06 16 04.3 +1.1	
BANOM	Banah	70.91 288	P	P	06 16 03.4 -0.3	
BANOM	Banah	70.91 288	P	P	06 16 03.8 +0.1	
K05A	Summer Lake	70.92 51	I Amb	I Amb	06 16 06.9	
NEY	Neytrino	70.92 310	eP	P	06 16 04.3 +0.7	
NSS	Namsos	70.93 339	eP	P	06 16 02.5 -0.5	
SHME	Shamm	70.97 289	i P	P	06 16 03.6 -0.4	
SHME	Shamm	70.97 289	P	P	06 16 03.8 -0.2	
MTSE	Matsula	71.09 331	eP	P	06 16 04.6 +0.5	
O0D0	Mt. Diablo Mer	71.12 54	P	P	06 16 05.7 +0.9	
SMD2	Samad	71.13 285	P	P	06 16 05.9 +0.7	
MDH	Madha	71.25 288	i P	P	06 16 06.0 +0.3	
MDH	Madha	71.25 288	P	P	06 16 05.3 -0.4	
MASF	Masafi	71.32 288	P	P	06 16 06.5 +0.3	
MASF	Esma-Masafi	71.32 288	i P	P	06 16 05.9 -0.3	
WALA	Waterlon Lakes	71.36 42	I Amb	I Amb	06 16 28.8	
GNI	Garni	71.36 306	P	P	06 16 06.7 +0.4	
GNI	Garni	71.36 306	i P	P	06 16 07.5 +1.2	
GNI	comp=Z,90nm,1.7s	Garni	71.36 306	P	P	06 16 07.2 +0.9
GNI	Garni	71.36 306	P	P	06 16 07.1 +0.7	
HQO	Hoqain	71.42 286	P	P	06 16 07.4 +0.6	
AKH	Akhakalaki	71.46 308	i P	P	06 16 06.9 0.0	
JMDO	Jabal Madar	71.47 284	P	P	06 16 08.0 +0.9	
UOSS	Minazif	71.52 288	i P	P	06 16 06.8 -0.5	
UOSS	Minazif	71.52 288	P	P	06 16 06.7 -0.5	
AAL	Aland	71.52 333	eP	P	06 16 06.7 0.0	
UMQ	Umm Al-Quwain	71.61 288	P	P	06 16 08.9 +1.1	
HATD	Hatta, Dubai	71.64 287	i P	P	06 16 07.6 -0.4	
HATD	Hatta, Dubai	71.64 287	P	P	06 16 08.5 +0.4	
003E	Paynes Creek	71.69 53	P	P	06 16 08.6 +0.4	
SOHO	SOHO	71.71 287	i P	P	06 16 07.6 -0.9	
SOHO	SOHO	71.71 287	P	P	06 16 08.5 0.0	
ASHO	Ashtiyah	71.77 287	i P	P	06 16 08.1 -0.8	
ASHO	Ashtiyah	71.77 287	P	P	06 16 09.2 +0.3	
SCO	Scorebysund	71.79 354	i P	P	06 16 09.0 +0.8	
SCO	Scorebysund	71.79 354	i P	P	06 16 09.0 +0.8	
SCO	comp=Z,56nm,1.1s	I Amb	I Amb	06 16 10.5		
SCO	Scorebysund	71.79 354	I Amb	I Amb	06 16 10.7	
BMO	Blue Mountains	71.88 47	I Amb	I Amb	06 16 23.9	
NAZ	Nazwa, Dubai	71.91 288	P	P	06 16 09.3 -0.3	
NAZ	Nazwa, Dubai	71.91 288	P	P	06 16 09.9 +0.3	
JTMT	Jette	71.92 43	I Amb	I Amb	06 16 26.2	
J08A	Circle Bar Ran	72.03 49	I Amb	I Amb	06 16 13.2	
FAQ	Al Faqa, Dubai	72.09 288	i P	P	06 16 09.9 -0.9	
FAQ	Al Faqa, Dubai	72.09 288	P	P	06 16 10.6 -0.2	
MNK	Minsk	72.13 326	i P	P	06 16 11.4 +0.9	
MNK	Minsk	72.13 326	i PPP	PPP	06 16 25.5 +1.2	
MNK	Minsk	72.13 326	i	i	06 18 50.4	
MNK	Minsk	72.13 326	i PPP	PPP	06 20 35.6	
MNK	Minsk	72.13 326	i	i	06 25 29.1 -1.1	
MNK	Minsk	72.13 326	i	i	06 25 52.2 +7.9	
MNK	Minsk	72.13 326	i	i	06 30 08.0 +1.1	
MNK	comp=Z,189nm,1.1s	MLR	MLR	MLR		
MNK	comp=E,7.0nm,0.9s	MLR	MLR	MLR		
MNK	comp=N,64nm,0.9s	MLR	MLR	MLR		
MNK	comp=Z,948nm,19.0s	MLR	MLR	MLR		
MNK	comp=N,560nm,17.0s	MLR	MLR	MLR		
MNK	comp=E,80nm,16.0s	MLR	MLR	MLR		
MNK	Minsk	72.13 326	i P	P	06 16 11.4 +1.0	
MNK	comp=E,7.0nm,0.9s	i P	P	P	06 16 11.4 +1.0	
MNK	comp=N,64nm,0.9s	i P	P	P	06 16 11.4 +1.0	
MNK	comp=Z,189nm,1.1s, baz=230	i P	P	P	06 16 25.6 +1.3	
MNK	Minsk	72.13 326	i P	P	06 16 29.5 +0.8	

MNK	Minsk	72.13 326	i P	P	06 16 11.4 +0.9
MNK	Minsk	72.13 326	i PPP	PPP	06 16 25.5 +1.2
MNK	Minsk	72.13 326	i	i	06 18 50.4
MNK	Minsk	72.13 326	i PPP	PPP	06 20 35.6
MNK	Minsk	72.13 326	i	i	06 25 29.1 -1.1
MNK	Minsk	72.13 326	i	i	06 25 52.2 +7.9
MNK	Minsk	72.13 326	i	i	06 30 08.0 +1.1
MNK	comp=Z,189nm,1.1s	MLR	MLR	MLR	
MNK	comp=E,7.0nm,0.9s	MLR	MLR	MLR	
MNK	comp=N,64nm,0.9s	MLR	MLR	MLR	
MNK	comp=Z,948nm,19.0s	MLR	MLR	MLR	
MNK	comp=N,560nm,17.0s	MLR	MLR	MLR	
MNK	comp=E,80nm,16.0s	MLR	MLR	MLR	
MNK	Minsk	72.13 326	i P	P	06 16 11.4 +1.0
MNK	comp=E,7.0nm,0.9s	i P	P	P	06 16 11.4 +1.0
MNK	comp=N,64nm,0.9s	i P	P	P	06 16 11.4 +1.0
MNK	comp=Z,189nm,1.1s, baz=230	i P	P	P	06 16 25.6 +1.3
MNK	Minsk	72.13 326	i P	P	06 16 29.5 +0.8

ODD1	Odda	76.11 338	eP	P	06 16 34.0 +0.3	
RLMT	Red Lodge	76.27 43	P	P	06 16 36.4 +1.3	
PURC	Purcar	76.28 319	i P	P	06 16 34.9 +0.1	
PURC	Conartwood Cre	76.29 55	P	P	06 16 35.8 +0.5	
TPAW	Teton Pass	76.36 45	I Amb	I Amb	06 16 52.5	
DY2G	Dye2	76.36 3	i P	I Amb	06 16 36.2 +1.0	
DY2G	comp=Z,28nm,0.9s	I Amb	I Amb	06 16 38.4		
DY2G	Hansel Valley	76.36 48	I Amb	I Amb	06 16 47.2	
SBC	comp=Z,20nm,0.9s	Santa Barbara	76.39 57	P	P	06 16 36.5 +0.9
GRAC	Grapevine Rang	76.42 54	P	P	06 16 37.0 +1.1	
ONAU	Onsall Array	76.42 334	i P	P	06 16 34.9 -0.5	
DEL	Osaka	76.44 333	i P	P	06 16 34.7 -0.8	
FABU	Falkenberg	76.45 334	i P	P	06 16 34.4 -1.1	
SNOW	Snow King Moun	76.49 45	I Amb	I Amb	06 16 51.7	
ISA	Isabella, Lake	76.49 55	P	P	06 16 36.1 -0.3	
REDW	Red Top Meadow	76.49 46	I Amb	I Amb	06 16 51.6	
DMTO	DMTO	76.53 292	P	P	06 16 36.5 -0.2	
KIS	Kishinev	76.53 319	eP	P	06 16 34.0 -2.2	
KIS	Kishinev	76.53 319	eP	P	06 16 50.0 +2.3	
KIS	Kishinev	76.53 319	eP	P	06 16 34.0 -2.2	
KIS	Kis	76.53 319	eP	P	06 16 50.0	
ARVC	Arvin	76.57 56	P	P	06 16 36.8 +0.1	
MILM	Milestii Mici	76.58 319	eP	P	06 16 36.0 -0.5	
MILM	Milestii Mici	76.58 319	eP	P	06 19 34.0	
MILM	Milestii Mici	76.58 319	eP	P	06 26 38.0 -2.3	
MILM	comp=N,1.1um,17.0s	MLR	MLR	MLR		
MILM	comp=E,1.1um,17.0s	MLR	MLR	MLR		
DOK	Doka	76.65 283	P	P	06 16 37.0 -0.4	
DGM2	Dagmar	76.73 38	I Amb	I Amb	06 16 53.5	
DGM2	Dagmar	76.73 38	P	P	06 16 38.1 +0.6	
R11A	Troy Canyon, C	76.74 52	P	P	06 16 38.4 +0.6	
HOMB	Homborsund	76.86 336	i P	P	06 16 37.0 -0.9	
HOMB	Homborsund	76.86 336	eP	P	06 16 37.7 -0.1	
LAO	LASA Array	76.88 41	I Amb	I Amb	06 16 53.2	
LAO	comp=Z,36nm,1.1s	LAO	76.88 41	P	P	06 16 39.2 +0.8
LVV	L'vov	77.01 324	eP	P	06 16 39.5 +0.6	
LVV	comp=Z,1.1um,16.0s	MLR	MLR	MLR		
IAS	Basj	77.05 330	i P	P	06 16 39.4 +0.3	
BJUJ	Bjuj	77.05 330	i P	P	06 16 39.0 +0.1	
FURC	Furnace Creek,	77.06 54	P	P	06 16 40.1 +0.8	
BSD	Bornholm Skovb	77.08 332	eP	P	06 16 39.0 -0.2	
BSD	Bornholm Skovb	77.08 332	i P	P	06 16 38.0 -1.1	
BSD	Bornholm Skovb	77.08 332	i P	P	06 16 38.0 -1.1	
BSD	Bornholm Skovb	77.08 332	i P	P	06 16 39.8	
SNART	Snartemo	77.21 337	i P	P	06 16 40.5 +0.6	
RBK	Rabuk	77.23 282	P	P	06 16 40.1 0.0	
LUNU	Lunenburg	77.23 332	i P	P	06 16 40.0 0.0	
EDW2	Edwards Air Fo	77.27 56	P	P	06 16 41.5 +0.8	
VASR	Vaslui	77.30 320	i P	P	06 16 40.8 +0.3	
DUG	Dugway, Tooele	77.32 49	I Amb	I Amb	06 16 55.9	
DUG	Dugway, Tooele	77.32 49	P	P	06 16 41.5 +0.5	
WHFO	Wadi Hawf	77.33 283	P	P	06 16 40.4 -0.8	
GWY	Greater Val	77.35 54	I Amb	I Amb	06 16 57.8	
QSM	Queen of Sheba	77.36 54	I Amb	I Amb	06 16 56.6	
COP	Copenhagen	77.56 333	i P	P	06 16 42.5 +0.7	
COP	Copenhagen	77.56 333	i P	P	06 16 42.5 +0.7	
COP	comp=Z,550nm,0.8s	I Amb	I Amb	06 16 43.9		
COP	Copenhagen	77.56 333	i P	P	06 16 42.5 +0.7	
TCUT	Toone Canyon	77.58 48	I Amb	I Amb	06 16 58.1	
BW06	Boulder Array	77.61 45	P	P	06 16 42.9 +0.2	
PDAR	Pinedale Array	77.61 45	P	P	06 16 42.9 +0.2	
GOET	G??ttrup	77.61 335	i P	P	06 16 42.8 +0.7	
GOET	comp=Z,123nm,0.9s	I Amb	I Amb	06 16 44.0		
PRN	Pahroc Range	77.65 52	I Amb	I Amb	06 17 02.5	
VLDR	Vladesti	77.67 319	i P	P	06 16 43.0 +0.3	
PSUT	Pine Spring	77.71 51	I Amb	I Amb	06 17 00.1	
TLCR	Turkey	77.72 318	i P	P	06 16 42.5 -0.4	
VARL	Varlez	77.76 319	i P	P	06 16 43.2 +0.1	
KWP	Kalwaria Pacla	77.76 324	eP	P	06 16 43.9 +0.8	
GSC	Goldstone, Bar	77.80 55	P	P	06 16 44.4 +0.7	
SCTR	Scatelestis	77.83 319	i P	P	06 16 43.9 +0.4	
CIS	Catalina Islan	77.87 57	P	P	06 16 45.8 +1.7	
BFSC	Mount Baldy Ra	77.87 56	P	P	06 16 44.9 +0.7	
BURAR	Bucovina Array	77.94 322	i P	P	06 16 44.5 +0.2	
BIZ	Bicaz	77.96 321	i P	P	06 16 44.6 +0.3	
JURR	Jurilovca	77.96 318	i P	P	06 16 44.5 +0.2	
TESR	Tescan	77.97 320	i P	P	06 16 43.9 -0.4	
ABTO	Aybut	78.02 283	P	P	06 16 44.7 -0.4	
IZVR	Izvoarele	78.03 319	i P	P	06 16 45.1 +0.5	
MUD	Monsted U'grnd	78.09 335	i P	P	06 16 45.1 +0.3	
MUD	comp=Z,41nm,0.9s	MLR	MLR	MLR		
MUD	Monsted U'grnd	78.09 335	i P	P	06 16 45.1 +0.3	
MUD	Monsted U'grnd	78.09 335	i P	P	06 16 46.4	
RGN	Rugen	78.11 332	eP	P	06 16 45.3 +0.4	
MPU	Maple Canyon	78.14 49	I Amb	I Amb	06 17 00.4	
TPGR	Topolog	78.14 318	i P	P	06 16 4	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GRG, PAIG, MYKA, LWBW, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like L40A, JOE, JSA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LVC, SMTB, NBRF, etc.

SOME 21 06:21:17.5, 42°15'N-82°03'E, h5km
NMC 21 06:21:19.3s:1.4, 42°16'N-82°06'E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=10.6km s-min=7.2km az=153.0
ISC 21 06:21:20.5:2.1, 42°17'N-082°00E:0.07, h10km, n35,
r196°53, 9C-4D, Northern Xinjiang

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TKM2, AAK, KK31, etc.

TIR 21 06:23:46.7, 40°03'N, 20°06'E, h1km, 1km, Md3.0, ML2.8
ATH 21 06:23:47.5, 40°10'N, 19°32'E, h8km, 4km, ML2.9/3, Error
ellipse: s-maj=4.5km s-min=1.4km az=210.0

THE 21 06:23:47.8, 40°05'N, 19°36'E, h0km, 2km, ML2.7/4, Error
ellipse: s-maj=3.0km s-min=0.9km az=304.0

ISC 21 06:23:48.1, 1.1, 40.03N, 0.02, 20.01E, 0.03, h5km, 9km,
n42, e1517/69, Greece-Albania border region

Main table for Greece-Albania border region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SRN, KEK, LSK, IGT, JAN, KBN, PENT, NEST, KPRO, SCITE, OHR, FNA, TSKL, NYDR, EVGI, KTI, MAKR, GRG, ANX, VAY, STIP, TIP.

SOME 21 07:12:52.7, 42°32'N, 82°05'E, h0km
NMC 21 07:12:54.1, 2.3, 42°18'N, 82°08'E, h0km, mb3.6, mpv3.1,
Error ellipse: s-maj=16.3km s-min=1.0km az=154.0

ISC 21 07:12:55.6, 3.1, 42.22N, 0.1, 82.33E, 0.1, h13km, n18,
e173/25, 4C-4D, Northern Xinjiang

Table for Northern Xinjiang with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KTM5, KTM5, KTM5, PDGK, PDGK, PDGK, PDGK, UZB.

Table for Taiwan with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for UZB, DJR, ARXS, KTBS, MK31, MAKZ, TCM2, AAK.

TAP 21 07:14:04.5, 24.21N, 122.00E, h50km, 1km, ML2.5, D1

Main table for Taiwan with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for EWUT, ENA, ETL, NACB, TWD, TWC, ETLH, NTH, EDL, TEYL, ETM, ENT, NDT, TWE, NNSB, NNSB, NNS, ESL, WHF, FUSS, NWT, YHNB, YHNB, NSK.

ISC 21 07:15:29.6, 0.8, 11°20'S, 118°68'E, h0km, mb4.4, M3.3/3,
mb1.4/2.1, mb1mx4.0/6.0, mbtmp4.1/4, ML4.0/5, MS3.3/3,
Ms1.3/3.3, ms1mx2.7/4.5, Error ellipse: s-maj=25.5km
s-min=15.8km az=55.0

NEIC 21 07:15:32.1, 2.9, 11°43'S, 0°05', 118°60'E, 0.0, h20km, 3km,
mb4.0/1.3, Error ellipse: s-maj=8.6km s-min=8.0km
az=103.0

DJA 21 07:15:38.1, 3.1, 11°S, 9°11'E, h1km, 97km, M4.4/6,
mb4.9/2, mb4.8/1, MLV4.1/6, Mw(MB)4.1/1

ISC 21 07:15:32.8, 0.5, 11.405S, 0°05', 118.59E, 0°06', h35km, n45,
e249/51, mb4.2/1, South of Sumbawa

Table for South of Sumbawa with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PLAI, TWSI, MMRI, BATI, BATI, JAGI, BSSI, BSSI, SOEI, BKSI, BKSI, KAPI.

Main table for various stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KAPI, WRA, WRAB, WB2, WRD, WBO, MORW, AS31, ASAR, ASAR, FORT, NWAO, PSI, BB00, CMAR, DZM, USRK, SONM, MKAR, VANDA, VANDA, KURBB, ZALV, SEY, AKTO, BOSHA, ILAR, LPAZ.

NEIC 21 07:16:44.9, 1.6, 4.42S, 0°07', 139°2E, 0.1, h20km, 5km,
mb4.1/1, Error ellipse: s-maj=20.6km s-min=8.2km
az=111.0

ISC 21 07:16:46.3, 3.4, 4.49S, 139°29E, h38km, 30km, mb4.0/6,
mb1.4/2.1, mb1mx3.8/5.3, mbtmp4.2/1.1, ML4.1/5, MS2.8/4,
Ms1.2/8.4, ms1mx2.6/3.7, Error ellipse: s-maj=29.4km
s-min=16.8km az=92.0

ISC 21 07:16:45.9, 0.6, 4.54S, 0°07', 139°3E, 0.1, h35km, n28,
e201/27, mb4.1/7, Irian Jaya

Main table for various stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JAY, JAY, SIJI, PMG, COEN, MTN, WB0, WR0, WRAB, WB2, WRA, WRA, WRA, CTAO, FITZ, FITZ, AS31, AS31, ASAR, ASAR, PM00, FOREST, KRSR, CMAR, MKAR, KURBB, BVAR, QSPA, QSPA, DBIC, CPUP, LPAZ.

ISC 21 07:20:42.2, 3.8, 18°60'S, 177°96'W, h412km, 23km,
mb3.4/1, mb1.3/6/12, mb1mx3.4/43, mbtmp4.2/12, Error
ellipse: s-maj=29.2km s-min=17.2km az=150.0

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PSBE, PMRV, LJA, EJI, ECAB, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GORA, PCAB, EBER, IFR, LCRM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NORC, CHIC, ROSC, EL ROSAL, HELC, etc.

ADC 21 09:00:48.9, 0.7, 6.78N, 73.04W, h158km, 10km, mb3.3/4, mb1 3.77, mb1mx3.3/31, mb1mp3.9/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/19, Error ellipse: s-maj=29.3km s-min=8.1km

RSNC 21 09:00:49.0, 0.9, 6.80N, 73.15W, h149km, 3km, ML 3.6, Mw4.0, Fault plane solution: NP1, phi=2.00000°, delta=0.00000°, lambda=0.00000°

ISC 21 09:00:48.8, 0.8, 6.85N, 0.03x73.12W, 0.03, h154km, 6km, n44, c150/79, mb3.5/4, 5C-5D, Northern Colombia region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like BARC, PAMC, BRRC, etc.

ADC 21 09:22:05.6, 0.7, 22.34S, 67.59W, h149km, 7km, mb4.1/8, mb1 4.1/3, mb1mx3.9/24, mb1mp4.5/13, MS4.5/1, Ms1 4.5/1, ms1mx2.8/27, Error ellipse: s-maj=15.1km

NEIC 21 09:22:05.9, 0.9, 22.46S, 0.06x67.72W, 0.09, h154km, 2km, Error ellipse: s-maj=12.6km s-min=9.1km az=88.0

VAO 21 09:22:06.2, 0.4, 22.26S, 67.64W, h161km, 5km, mb4.6, GUC 21 09:22:07.0, 2.0, 22.40S, 67.78W, h156km, 3km, ML 4.9, SCB 21 09:22:07.0, 1.5, 22.35S, 67.74W, h124km, 12km, ML4.4/6, Error ellipse: s-maj=5.0km s-min=3.2km az=0.0

ISC 21 09:22:05.3, 0.6, 22.38S, 0.04x67.73W, 0.04, h156km, 5km, n161, c153/182, mb4.7/18, 8C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like AF01, LVC, LVO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, KRSR Korea Array, TORO Torodi Aot, etc.

NEIC 21 09:54:22.4±1.6, 14.4±0.1; 167.6E±0.2, h130km, 6km, mb4.1/11, Error ellipse: s-maj=22.7km s-min=14.6km az=106.0

NOU 21 09:54:24.3, 14.52S; 167.57E, h143km, ML4.5/9, Vanuatu Islands

IDC 21 09:54:28.9±1.4, 15.21S; 165.27E, h0km, mb3.9/3, mb1.4/1.4, mb1mx3.737, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=24.7km s-min=2.6km az=47.0

ISC 21 09:54:24.7±1.8, 14.6S; 0.1; 167.5E±0.2, h150km, n27, s146/28, mb4.0/9, Vanuatu Islands

Main table for 923 page, listing station data for various codes and stations like SANVU, DVP, YATNC, etc.

IDC 21 10:11:21.2±1.3, 0.25S; 126.84E, h0km, mb4.0/5, mb1.4/1.6, mb1mx3.734, mbtmp3.9/6, ML3.5/1, MS3.3/4, Ms1.3/3.4, ms1mx2.737, Error ellipse: s-maj=106.3km s-min=18.7km az=68.0

NEIC 21 10:11:25.8±1.8, 0.32S; 0.06; 126.6E±0.1, h28km, 8km, mb4.0/11, Error ellipse: s-maj=18.4km s-min=5.7km az=115.0

ISC 21 10:11:26.0±0.9, 0.32S; 0.09; 126.58E±0.10, h35km, n26, s109/22, mb4.0/7, MS3.3/3, Southern Malacca Sea

Main table for 923 page, listing station data for various codes and stations like TNTI, DAV, BKB, etc.

NOU 21 10:13:29.9, 14.61S; 167.36E, h130km, ML4.2/9, Vanuatu Islands, Vanuatu Islands

Main table for 923 page, listing station data for various codes and stations like SANVU, DVP, YATNC, etc.

NEIC 21 10:23:05.1±1.3, 17.6N; 0.1; 147.25E±0.9, h38km, 10km, mb4.2/8, Error ellipse: s-maj=19.5km s-min=5.2km az=142.0

IDC 21 10:23:07.1±5.5, 17.75N; 147.26E, h52km, 44km, mb3.7/8, mb1.3/9.9, mb1mx3.6/50, mbtmp4.0/9, ML4.2/1, MS3.2/2,

Ms1.3/2.2, ms1mx2.6/28, Error ellipse: s-maj=60.3km s-min=19.9km az=90.0

ISC 21 10:23:04.2±0.9, 17.72N; 0.08; 147.5E±0.2, h35km, n26, s149/23, mb4.1/11, Mariana Islands region

Main table for 2015 OCT page, listing station data for various codes and stations like GUMO, H11N1, H11N2, etc.

CMAR Chiang Mai Arr 46.01 279 P P 10 31 25.2 +0.6

ZALV Zalesovo Beam 59.81 323 P P 10 33 05.3 -0.6

ZALV Zalesovo Beam 59.81 323 P P 10 33 04.5 -1.4

CMAR Chiang Mai Arr 46.01 279 P P 10 31 25.2 +0.6

NOU 21 10:24:42.4, 14.67S; 167.41E, h123km, ML4.0/6, Vanuatu Islands, Vanuatu Islands

KRNET 21 10:32:46.7±0.1, 43.67N; 69.53E, mb3.1 SOME 21 10:32:46.1, 43.75N; 69.70E

NNC 21 10:32:47.5±1.0, 43.68N; 69.78E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=5.9km s-min=5.1km az=87.0, Suspected Mining explosion.

ISC 21 10:32:42.2±2.5, 43.84N; 0.09; 69.72E±0.09, h0km, n21, s127/32, 18C-3D, Central Kazakhstan

Main table for 2015 OCT page, listing station data for various codes and stations like KK31, IUG, MRKS, etc.

EAF 21 10:42:43.0±4.0, 22.85S; 29.76E, h0km, 16km, MD4.2

BUL 21 10:42:42.9±0.9, 22.92S; 30.03E, h18km, 17km, MD4.5,

Table for South Africa, listing station data for codes like MSNA, MOPA, etc.

WEL 21 10:47:27.8±0.9, 45.54°S; 16.7E±, h12km, M3.5/6, ML3.7/12, ML3.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=110.7, Off west coast of South Island

Main table for 21d 10h page, listing station data for various codes and stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

NOU 21 10:54:20.3, 14.54S; 167.36E, h129km, ML4.3/10, Vanuatu Islands, Vanuatu Islands

Main table for 21d 10h page, listing station data for various codes and stations like SANVU, DVP, YATNC, etc.

SEA 21 10:54:48.0±1.9, 47.275N; 0.008; 122.29W±0.01, h12km, 1km, ML2.2/93, ML1.9/26(NEIC), Error ellipse: s-maj=1.5km s-min=1.1km az=64.0

NEIC 21 10:54:47.0±1.2, 47.27N; 0.02; 122.31W±0.03, h19km, 1km, Error ellipse: s-maj=3.3km s-min=2.7km az=62.0, Washington

Main table for 21d 10h page, listing station data for various codes and stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

21d 11h

Table with columns: TBM, LVP, ASR, EBG, B023, F04D, F04A, B06A, B06A, ETW, GULW, MCW, MBW, PGC, PGC, SHUK, VDB, CLRS, CLRS, H04A. Includes station names, coordinates, and various codes.

TAP 21 10:59:08.0, 24°82'N, 122°01'E, h12km, ML3.6, C
JMA 21 10:59:09.3, 0.1, 24°79'N, 121°93'E, h24km, M3.0
ISC 21 10:59:07.9, 0.9, 24°82'N, 122°04'E, 0.1, h13km, g6km, n105, c0883/183, 2C, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations from TWB1 to NSTT.

2015 OCT

Main station list table for 2015 OCT with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations from NSTT to SNST.

924

Table with columns: CHN1, CHN1, ICHU, TWGBT, SGST, SGST, SLGT, SLGT, CHN8, CHN8, MATB, MATB, ECL, ECL, SSD, SSD, TSMG, TSMG, MASBT, MASBT, PNG, PNG, PHUB, PHUB, EAST, EAST, PTMZ, PTMZ, LYJY, LYJY, SCZT, SCZT. Includes station names, coordinates, and various codes.

GUC 21 11:16:02.3±0.8, 30°59'S, 71°52'W, h30km, 12km, ML3.7, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations for GUC 21.

IDC 21 11:24:06.9±1.5, 6°27'N, 123°52'E, h626km, 19km, mb3.2/9, mb1 3.4/9, mb1mx3.0/44, mbtmp4.3/9, Error ellipse: s-maj=39.8km s-min=8.2km az=63.0

NEIC 21 11:24:07.0±1.5, 6°4'N, 0.1, 123°7'E, 0.2, h624km, 12km, mb4, 3/28, Error ellipse: s-maj=28.3km s-min=7.4km

ISC 21 11:24:05.1±0.6, 6°4'N, 0.1, 123°6'E, 0.1, h600km, n41, c1808/46, mb4.2/22, Mindanao

Main station list table for GUC 21, IDC 21, and ISC 21 with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations from FAKI to MAKZ.

TEH 21 13:14:14.4,34.78N:53.19E,h9km,ML3.9
THR 21 13:14:15.0,0.7,34.78N:53.22E,h14km,6km,ML3.9
ISC 21 13:14:15.0,0.8,34.78N:0.03:53.17E:0.03,h10km,n75,
a=152/79,Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like ILAS Lasjerd, ISFB Sefidab, IANJ Anjilo, etc.

IDC 21 13:20:04.0-0.6,18.01S:173.91W,h0km,mb4.1/13,
mb1.4/3.15,mb1mx4.1/47,mbtmp4.1/15,ML3.2/2,MS3.2/4,
Ms1.3/2.4,ms1mx2.8/4.1,Error ellipse: s-maj=2.9km,
s-min=15.1km az=139.0

NEIC 21 13:20:06.5-1.7,18.1S:0.1:173.8W:0.1,h10km,1km,
mb4.3/13,Error ellipse: s-maj=22.9km s-min=17.8km
az=11.0

ISC 21 13:20:05.3-0.6,18.00S:0.08:173.85W:0.08,h10km,n37,
a=202/31,mb4.3/17,Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NIUE Niue, AFI Afiamalu, MFSV Nonavsu, etc.

Table with columns: CTAO, Charters Tower, 37.71 260, P, 13 27 22.2 +0.8. Lists stations like STKA Stephens Creek, WR0 Warramunga Arr, WRAB Tennant Creek, etc.

BUI 21 13:31:38.6-0.0,27.48N:139.80E,h509km,mb5.3/9,
mb4.7/20
IDC 21 13:31:42.9-0.4,27.85N:139.46E,h500km,5km,mb3.9/37,
mb1.4/0.42,mb1mx3.9/53,mbtmp4.8/42,Error ellipse:
s-maj=5.4km s-min=91.0

JMA 21 13:31:43.2-0.2,27.91N:139.78E,h519km,M4.6
NEIC 21 13:31:43.7-1.4,27.88N:0.09:139.4E:0.1,h503km,6km,
mb4.5/74,Error ellipse: s-maj=15.6km s-min=12.9km
az=103.0

ISC 21 13:31:42.9-0.3,27.83N:0.04:139.48E:0.06,h500km,
n350,a104/369,mb4.4/106,1C,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CBUJ Chichi jima, CJCJ Chichijima, JHJ2 Haha-jima-NKT2, etc.

Table with columns: LUWI, Luwuk, 32.89 212, P, 13 37 34.3 -0.9. Lists stations like LUWI Luwuk, SLVN Son La, MPSI Mapaga, etc.

Table with columns: EIDS, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sitkinak Islan, White Mountain, Bonanza Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA, SCRR, MENT, J26L, etc.

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

IDC 21 13:45:05.2, 7.18:88N:147.23E, h0km, mb3.76, mb1 3.8/7, mb1mx3.6/51, mbtrmp3.8/7, ML4.2/1, MS3.0/2, Ms1 3.1/2, ms1mx2.5/45, Etrm ellipse: s-maj=92.7km s-min=20.6km az=87.0

ISC 21 13:45:07.0, 2.2, 18.9N:0.1x147.3E:0.4, h10km, m12, o074.8, mb3.76, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUMO, H1S3, H1S1, etc.

ISK 21 14:03:48.7, 38.75N:43.41E, h5km, ML2.5/9 DDA 21 14:03:49.7, 38.76N:43.39E, h7km, 3km, ML2.3

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

21d 15h

Table of astronomical observations for 21d 15h, listing various stations (PB07, PB03, PB04, etc.), coordinates, and observation details.

2015 OCT

Main table of astronomical observations for 2015 OCT, listing stations (MTPU, P18A, PDA, etc.), coordinates, and observation details.

930

Table of astronomical observations for 930, listing stations (U15A, LCMT, PRN, etc.), coordinates, and observation details.

931				2015 OCT				21d 16h													
EWUT	Wuta baz=12	0.12 357	i P	Pg	15 53 15.8	-0.4	ANP	Anpu baz=345	0.89 344	e P	Pg	15 53 29.1	-0.7	SLGT	Liugui baz=219	1.69 219	e P	Pb	15 53 42.8	0.0	
EWUT			i S	Sg	15 53 18.2	-0.6	ANP			e S	Sg	15 53 40.6	-1.0	SLGT			e S	Sg	15 54 05.8	-0.8	
ETL	Push Village baz=213	0.22 222	i P	Pg	15 53 17.6	+0.1	NJN	baz=345 Zhuhan baz=286	0.91 294	P	Pn	15 53 30.3	+0.1	CHN8	Yifu baz=221	1.74 236	e P	Pb	15 53 43.4	-0.3	
ETL			i S	Sg	15 53 21.4	+0.3	NJN			e S	Sg	15 53 40.9	-1.0	CHN8			e S	Sg	15 54 07.7	-0.7	
NACB	Ninganchiao baz=221	0.23 230	i P	Pg	15 53 17.6	0.0	EHY	baz=286 Hungye baz=216	0.92 208	e P	Pg	15 53 28.9	-1.2	IRIF	Irimote-Funau	1.77 89	P	Pn	15 53 42.3	+0.2	
NACB			i S	Sg	15 53 21.3	+0.1	EHY			e S	Sb	15 53 41.8	+0.2	IRIF			S	Pn	15 54 05.0	+0.7	
TWD	Chiawan baz=221	0.30 216	i P	Pb	15 53 18.7	-0.4	SMLT	baz=216 Sun Moon Lake baz=240	0.92 242	i P	Pn	15 53 30.0	-0.4	CHN3	Shinhua baz=226	1.80 227	e P	Sb	15 53 43.8	-0.9	
TWD			S	Sb	15 53 23.0	-0.7	SMLT			e S	Sb	15 53 42.1	+0.3	HATJ	Hateruma jima	1.86 98	P	Pn	15 53 44.0	+0.6	
ETLH	Xiulin Townshi baz=240	0.30 248	i P	Pb	15 53 18.7	-0.5	TWQ1	baz=240 Liyutan baz=270	0.92 272	e P	Pn	15 53 30.2	+0.4	ECL	Taimai baz=211	1.88 204	e P	Pb	15 53 44.7	-1.4	
ETLH			S	Sb	15 53 23.2	-0.7	TWQ1			e S	Sn	15 53 43.1	-0.2	SSD	Sandimen	1.89 214	e P	Pb	15 53 45.6	-0.7	
NDS	Dongshan baz=357	0.32 349	i P	Pg	15 53 18.7	-0.4	SSLB	baz=270 Suanglung	0.93 235	P	Pb	15 53 29.8	-0.1	TSMG	Majia baz=212	1.92 213	e P	Pb	15 53 46.1	-0.7	
NDS			i S	Sg	15 53 22.7	-1.0	NMLH	baz=233 Miaoil baz=289	0.93 284	e P	Pn	15 53 30.7	+0.2	JKRS	Kuro-shima	2.03 92	P	Pn	15 53 46.8	+1.1	
NDT	Datong Townshi baz=326	0.37 318	i P	Pg	15 53 19.5	-0.6	NMLH			e S	Sn	15 53 43.8	+0.3	JKRS			S	Pn	15 54 12.3	+1.7	
NDT			i S	Sg	15 53 24.8	-0.6	NSY	baz=289 Sanyi baz=275	0.94 276	e P	Pn	15 53 31.0	+0.4	EAST	Anshuo baz=193	2.11 204	e P	Pb	15 53 46.6	-0.3	
ENTT	Nioudou baz=329	0.37 328	i P	Pg	15 53 19.4	-0.7	NSY			e S	Sn	15 53 44.2	+0.5	SSPT	baz=212 Ishigaki jima	2.14 212	e P	Pb	15 53 50.1	-0.6	
ENTT			i S	Sg	15 53 24.3	-1.1	TYC	baz=275 Yuchr baz=242	0.94 244	P	Pb	15 53 30.1	0.0	JJJ	Jishigaki jima	2.15 88	P	Pn	15 53 47.7	+0.4	
HWA	Hwallen baz=207	0.38 206	i P	Pb	15 53 20.9	+0.3	TYC			e S	Sb	15 53 42.6	+0.3	PNG	Penghu baz=247	2.17 250	e P	Sn	15 54 13.5	-0.1	
HWA			S	Sb	15 53 26.4	+0.3	TWY	baz=242 Chenhua baz=346	0.96 350	e P	Pg	15 53 30.6	-0.4	PHUB	P'eng-hu baz=247	2.18 249	e P	Pn	15 53 47.9	+0.2	
NNSB	Datong baz=283	0.38 286	e P	Pg	15 53 19.9	-0.4	TWY			e S	Sb	15 53 43.3	-0.5	SCZT	Fangliu baz=242	2.22 209	e P	Pb	15 53 49.9	-2.0	
NNSB			e S	Sg	15 53 24.6	-1.1	TCU	baz=346 Taichung baz=265	1.03 260	e P	Pn	15 53 33.5	+1.7	JISG	Ishigakijimahi	2.32 83	P	Pn	15 53 49.9	+0.3	
NNS	Nan Shan baz=284	0.39 287	i P	Pg	15 53 20.1	-0.4	TCU			e S	Sn	15 53 47.9	+2.1	JISG			S	Pn	15 54 18.9	+1.2	
NNS			S	Sg	15 53 24.9	-1.2	YULB	baz=265 Yu-li	1.03 206	e P	Pg	15 53 29.9	-2.3	PTMZ	Houxiangcun baz=286	2.53 287	e P	Pb	15 53 51.9	-0.6	
TWE	Neicheng baz=349	0.41 345	i P	Pg	15 53 20.2	-0.6	WDJ	baz=242 Dajia District baz=271	1.04 272	e P	Pn	15 53 33.3	+1.2	JTJ	Tarama	2.68 83	P	Sn	15 53 55.9	+1.4	
TWE			S	Sg	15 53 25.5	-1.0	WDJ			e S	Sn	15 53 49.7	+2.1	JTJ			e S	Pn	15 54 29.0	+2.5	
ILA	ilan baz=349	0.44 356	e P	Pg	15 53 20.9	-0.4	EYUL	baz=271 Yuli	1.06 204	e P	Pn	15 53 32.2	-0.1	LYJJ	Jianjiangzhen baz=319	2.88 321	e P	Pn	15 53 56.8	-0.5	
ILA			S	Sg	15 53 26.9	-0.5	EYUL	baz=217 Yuli	1.06 204	e P	Pn	15 53 47.2	+0.6	XPSS	Dashiqiu baz=323	2.97 331	e P	Pn	15 53 57.1	-1.4	
FUSS	Fushou baz=259	0.50 262	i P	Pb	15 53 22.4	-0.3	JYNG	baz=242 Yonagunijimaku	1.07 83	P	Pb	15 53 32.4	+0.2	KNM	Kimmen baz=271	3.02 272	e P	Pn	15 54 01.2	+1.4	
FUSS			i S	Sb	15 53 28.9	-0.9	JYNG			e S	Sb	15 53 46.4	+0.9	MHZQ	Yeshan baz=305	3.06 306	e P	Pn	15 53 58.9	-0.9	
WHF	Hehuan Shan baz=254	0.51 250	i P	Pb	15 53 22.4	-0.6	WJS	baz=242 Wuzhou	1.09 243	e P	Pn	15 53 33.8	+1.1	KNMB	Chimen Tao baz=272	3.10 273	e P	Pn	15 54 00.1	-0.3	
WHF			e S	Sb	15 53 29.3	-0.8	WNT1	baz=242 Nantou City baz=244	1.09 248	e P	Pn	15 53 49.8	+2.5	JIRB	Irabujima	3.13 80	e S	Pn	15 54 39.1	+1.5	
YHNB	Yeheng baz=312	0.51 313	i P	Pg	15 53 21.9	-0.6	WNT1			e S	Pb	15 53 42.8	+0.9	AXDP	Jialang baz=283	3.52 280	e P	Pn	15 54 09.6	+3.5	
YHNB			e S	Sg	15 53 28.2	-1.3	WNT1	baz=244 Mingjian baz=242	1.10 247	e P	Pn	15 53 49.7	+2.3	ZPLA	Ao Xicun baz=283	3.71 265	e P	Pn	15 54 09.2	+0.5	
NWLT	Wulai baz=331	0.52 331	P	Pg	15 53 21.9	-0.9	WNT			e S	Sn	15 53 33.9	+1.0	<p> IDC 21 16:08:44.0,3.4,55.92Sx151.47W,h0km,mb3.6/2, mb1 3.8/2,mb1mx3.5/26,mbtmp3.6/2,Error ellipse: s-maj=402.7km s-min=33.3km az=169.0, Pacific-Antarctic Ridge </p>							
NWLT			e S	Sg	15 53 28.3	-1.5	WNT	baz=242 Yu-Shan baz=209	1.13 223	e P	Pn	15 53 50.8	+3.2	Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
NSK	Sanguang baz=312	0.53 312	i P	Pg	15 53 22.3	-0.5	YUS	baz=242 Yu-Shan baz=209	1.13 223	e P	Pn	15 53 33.5	-0.2	H03S2	Juan Fernandez	53.23	98	T	T	17 14 57.9	
NSK			S	Sg	15 53 28.8	-1.2	YUS			e S	Sn	15 53 49.6	+0.7	H03S1	Juan Fernandez	53.23	98	T	T	17 14 59.4	
NTC	Toucheng baz=7.0	0.53 4	i P	Pg	15 53 22.4	-0.5	YOJ	baz=209 Yonaguni jima baz=73	1.13 83	P	Pb	15 53 33.0	-0.2	H03S3	Juan Fernandez	53.24	98	T	T	17 15 01.2	
NTC			S	Sg	15 53 29.4	-0.7	YOJ			e S	Sb	15 53 48.6	+1.0	H03N3	Juan Fernandez	53.51	97	T	T	17 15 25.3	
TWT	Tachien baz=255	0.56 263	P	Pb	15 53 23.7	0.0	YOJ	baz=73 Yonaguni jima	1.13 83	P	Pb	15 53 33.2	-0.1	H03N2	Juan Fernandez	53.52	97	T	T	17 15 20.5	
TWT			S	Sb	15 53 31.0	-0.5	WCHH	baz=257 Zhanghua	1.15 258	e P	Sn	15 53 48.8	+1.0	H03N1	Juan Fernandez	53.53	97	T	T	17 15 21.8	
TDCB	Techi baz=255	0.58 263	e P	Pb	15 53 23.9	-0.1	WCHH			e S	Sn	15 53 48.8	+1.0	ASAR	Alice Springs	62.18	268	P	P	16 19 07.0	
TDCB			e S	Sg	15 53 30.9	-0.6	FULB	baz=257 Full	1.21 202	e P	Pn	15 53 34.5	+0.2	WRA	Warramunga Arr	64.88	271	P	P	16 19 25.1	
ESL	Shilin baz=214	0.60 213	i P	Pb	15 53 23.7	-0.6	ALS	baz=212 Alishan baz=212	1.21 228	P	Pn	15 53 35.2	+0.6	H10N3	ASCENSION HYDR07.20	135	T	T	18 22 42.8		
ESL			e S	Sb	15 53 33.5	+1.1	CHN5	baz=212 Tsauling	1.24 235	e P	Pg	15 53 36.1	-0.2	H10N1	ASCENSION HYDR07.20	135	T	T	18 22 45.1		
CHGB	Renai baz=242	0.61 245	i P	Pb	15 53 24.5	-0.2	CHN5	baz=234 Chengkung	1.28 198	e P	Pn	15 53 52.2	+1.0	H10N2	ASCENSION HYDR07.22	135	T	T	18 22 40.3		
CHGB			S	Sb	15 53 32.8	-0.3	WDLH	baz=242 Douliu baz=252	1.30 241	e P	Pg	15 53 37.2	-1.1	MKAR	Makanchi Array	146.01	278	PKPbc	PKPbc	16 28 24.0	
TIPB	Shuangxi baz=5.0	0.65 3	i P	Pg	15 53 24.4	-0.7	WDLH			e S	Pb	15 53 49.5	+0.2	ZALV	Zalesov Beam	148.36	290	PKPbc	PKPbc	16 28 30.1	
TIPB			S	Sg	15 53 32.2	-1.6	PCYT	baz=252 Pengchayiu	1.33 11	e P	Pn	15 53 37.5	0.0	<p> IDC 21 16:15:57.2,1.9,55.86Sx150.99W,h0km,mb3.7/3, mb1 4.0/3,mb1mx3.7/40,mbtmp3.7/3,MS3.5/5,Ms1 3.6/5, ms1mx3.2/27,Error ellipse: s-maj=57.8km s-min=45.8km az=101.0 </p>							
OWD	Renai baz=234	0.67 237	i P	Pb	15 53 25.3	-0.2	ELDTW	baz=212 Lidau	1.33 212	e P	Pn	15 53 35.1	-1.0	<p> ISC 21 16:15:57.2,1.55.8Sx0.3x150.7W,0.5,h10km,n24, o=979.6,mb3.7/3,MS3.6/5,Pacific-Antarctic Ridge </p>							
OWD			e S	Sg	15 53 34.3	-0.2	WRL	baz=212 Guoliering Hig baz=265	1.35 252	e P	Pg	15 53 54.9	+1.4	Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
NHHD	Xindian Distri baz=340	0.68 340	e P	Pb	15 53 25.3	-0.4	WRL			e S	Sg	15 53 54.7	-0.8	VNDA	Vanda	27.30	200	P	P	16 21 41.8	
NHHD			e S	Sg	15 53 32.8	-2.0	EDH	baz=265 Donghe	1.41 198	e P	Pn	15 53 55.4	-0.6	VNDA			LR	LR	16 29 05.4		
TWA	Mucha baz=346	0.68 344	e P	Pg	15 53 25.2	-0.5	EDH			e S	Sg	15 53 36.7	-0.5	URZ	Urewera	27.72	296	LR	LR	16 30 49.9	
TWA			S	Sg	15 53 33.2	-1.6	WDK	baz=184 Tuku	1.42 244	e P	Pg	15 53 57.0	-1.0	H03S2	Juan Fernandez	52.83	97	T	T	17 22 12.4	
TWB1	Santiao Chiao baz=18	0.71 15	i P	Pb	15 53 25.4	-0.8	WTK	baz=254 Tuku	1.42 244	e P	Pg	15 53 38.8	-1.0	H03S1	Juan Fernandez	52.84	97	T	T	17 22 10.9	
TWB1			S	Sg	15 53 33.9	-1.7	CHN2	baz=254 Minshiang	1.43 237	e P	Pg	15 53 58.9	+0.5	H03S3	Juan Fernandez	52.85	97	T	T	17 22 13.5	
EGFH	Guangfu baz=18	0.73 207	P	Pb	15 53 26.5	0.0	CHN2			e S	Sg										

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like J20K, H21K, KTH, I21K, BPAW, TRF, MLY, SML, PRZ, NRK, NRIK, SCM, FID, DHD, WRH, MDM, H24K, KDJ, ILAR, TOLK, PAX, KSH, DOT, SCRK, BMAR, M27K, L27K, BCAR, K27K, PCA, RAR, EGAK, HYT, NIL, BRVK, KK31, KKAR, CHGR, KBL, PPT, ARU, ABKAR, PINE, NVAR, KLMR, ARCES, PDAR, KBZ, FINES, AKASO, NOAS, H03N1, LPAZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, WRO, WB0, WB2, WRA, WRR, WRA, AS31, ASAR, BB00, KNRA, FORT, FITZ, VVDA, VVDA, ILAR, ARCES, IDC 21, VAO, NEIC 21, GUC 21, SCB 21, ISC 21, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB15, PB15, PB15, PB15, PB10, SIV, SIV, AC02, G003, ETMB, PTLB, SAML, G004, CO03, SALV, CPUP, CPUP, VA03, MT02, CLDB, MT09, ITQB, ITQB, ITQB, ITQB, BO01, BO02, NPGB, VA04, MACA, SNDS, PLTB, PLTB, BB19B, CNLB, TL01, ITTB, RCLB, TRQA, TRQA, SPB, SPB, SPB, SPB, PLCA, PLCA, PLCA, PLCA, DIAM, DIAM, SDBA, MCPB, RUSC, RUSC, NBPN, MDP, NBMO, NBAN, NBCL, NBVP, OBIP, PDPR, SJG, SJG, TZTN, T47A, T47A, DBIC, DBIC, PDAR, TORD, TORD, TORD, ESDC, SONM, MAN 21, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

21cd 20h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCK, 123K, RND, BWN, etc.

2015 OCT

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like 104A, 107A, 107B, etc.

938

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PSUT, SRU, MVU, ECSD, etc.

CTAO	Charters Tower	17.00 200	P	Ph	21 18 22.6	+0.6
GUMO	Guam	18.95 337	LR		21 25 40.0	
FAKI	Fak Fak	19.96 272	P	P	21 18 54.8	-1.6
QIS	Mount Isa	20.52 216	P	P	21 19 02.5	0.0
SIJI	Sorong	21.16 278	LR	LR	21 26 04.2	
SWI	Siwong	21.17 278	P	P	21 19 22.9	+1.3
EIDS	Eidsvold	21.26 183	P	P	21 19 10.8	+0.4
EIDS	Eidsvold	21.26 183	P	P	21 19 09.5	-0.8
TARA	Tarawa	21.36 76	P	P	21 19 11.1	-0.5
RMQ	Roma	22.59 188	P	P	21 19 25.2	+0.6
DZM	Mont Dzumac	22.64 144	P	P	21 19 26.4	+1.2
DZM	Mont Dzumac	22.64 144	P	P	21 19 23.8	-1.5
DZM	Mont Dzumac	22.64 144	eP	IAMB	21 19 25.5	+0.2
DZM	Mont Dzumac	22.64 144	eP	LR	21 24 58.4	
OUENC	Ouen Island, N	23.14 144	P	IAMB	21 19 28.1	-2.3
WB0	Warrungarra Arr	23.40 227	P	P	21 19 31.2	-1.9
WR0	Warrungarra Arr	23.41 226	P	IAMB	21 19 32.8	-1.8
WRA	Warrungarra Arr	23.55 226	P	P	21 19 32.8	-1.8
WRA	Warrungarra Arr	23.55 226	P	LR	21 28 37.1	
WRA	Warrungarra Arr	23.55 226	P	P	21 19 33.0	-1.5
WRA	Warrungarra Arr	23.71 198	P	P	21 19 35.5	-0.4
KNRA	Kunururra	25.82 242	P	IAMB	21 19 55.4	+0.1
SANI	Sanana	26.27 273	P	P	21 19 59.7	+0.2
AS31	Alice Springs	26.35 220	P	P	21 19 58.5	-1.8
ASAR	Alice Springs	26.35 220	P	P	21 19 59.0	-1.2
ASAR	Alice Springs	26.35 220	P	LR	21 30 00.8	
ASAR	Alice Springs	26.35 220	P	P	21 19 58.7	-1.6
CMSA	Cobar Meteor	26.80 192	P	P	21 20 15.6	+0.2
MGCD	Mangrove Creek	29.07 182	P	P	21 20 24.2	-0.2
STKA	Stevens Creek	29.46 199	P	P	21 20 27.1	-0.8
STKA	Stevens Creek	29.46 199	P	LR	21 32 33.0	
STKA	Stevens Creek	29.46 199	P	P	21 20 27.1	-0.8
FITZ	Fitzroy Crossi	29.54 240	P	P	21 20 26.3	-2.4
FITZ	Fitzroy Crossi	29.54 240	P	P	21 20 27.4	-1.3
FITZ	Fitzroy Crossi	29.54 240	P	LR	21 33 53.3	
FITZ	Fitzroy Crossi	29.54 240	P	P	21 20 28.7	0.0
RIV	Riverview	29.68 182	P	P	21 20 30.1	+0.4
WRKA	Warakurna	31.81 225	P	P	21 20 41.3	-1.1
HTT	Hallett	31.79 201	P	P	21 20 47.7	-0.8
BBOO	Buckleboe	32.40 206	P	P	21 20 52.6	-1.2
BBOO	Buckleboe	32.40 206	P	IAMB	21 20 53.4	
BBOO	Buckleboe	32.40 206	P	P	21 21 15.5	-1.3
FORT	Forrest	35.04 218	P	P	21 21 15.5	-1.3
FORT	Forrest	35.04 218	P	P	21 21 15.5	-1.3
MEEK	Meekatharra	39.23 232	P	P	21 21 50.8	-1.7
URZ	Urewera	40.95 150	P	P	21 22 08.2	+1.6
URZ	Urewera	40.95 150	P	P	21 22 07.2	+0.6
BKZ	Black Stump Fm	41.35 151	IAMB	IAMB	21 22 18.7	
MORW	Morawa	42.40 230	P	P	21 22 16.0	-2.6
MORW	Morawa	42.40 230	P	IAMB	21 22 20.4	+1.8
MORW	Morawa	42.40 230	P	IAMB	21 22 22.4	
MJAR	Matsushiro Arr	42.42 343	LR	LR	21 37 55.2	
BLDU	Ballidu	42.67 228	P	P	21 22 18.7	-2.1
NWAO	Narogin (SRO)	43.53 224	LR	LR	21 41 18.6	
LEM	Lembang	44.48 254	LR	LR	21 44 27.6	
KSRS	Korea Array	47.04 333	P	P	21 24 25.9	-2.5
KSRS	Korea Array	47.04 333	P	LR	21 41 28.6	
KSAR	Kararua Array	47.05 333	P	P	21 22 55.8	+0.3
INCN	Incheon	47.65 332	P	P	21 23 00.4	+0.1
NJ2	Nanjing	47.87 321	eP	P	21 23 02.6	+0.6
NJ2	Nanjing	47.87 321	eP	P	21 23 02.6	+0.6
BJT	Baijituau	54.91 326	P	P	21 23 56.9	+2.3
XAN	Xi'an	55.66 316	P	P	21 24 05.1	+4.9
XAN	Xi'an	55.66 316	P	P	21 24 09.9	+1.8
XAN	Xi'an	55.66 316	P	P	21 24 12.9	+7.0
KMI	Kunming	56.07 304	P	P	21 24 06.9	+3.3
CM31	Chiang Mai Arr	57.02 295	P	P	21 24 11.0	+0.8
CMAR	Chiang Mai Arr	57.02 295	P	P	21 24 10.7	+0.5
CMAR	Chiang Mai Arr	57.02 295	P	LR	21 49 02.9	
CMAR	Chiang Mai Arr	57.02 295	P	P	21 24 11.1	+0.9
PETK	Petrovavlovsk	57.10 4	LR	LR	21 43 33.8	
PETK	Petrovavlovsk	57.10 4	P	P	21 24 10.3	+0.2
CHTO	Chiang Mai	57.13 295	P	IAMB	21 24 12.3	+1.3
CHTO	Chiang Mai	57.13 295	P	IAMB	21 24 20.0	
CD2	Chengdu	57.79 311	eP	P	21 24 17.9	+2.4
HHC	Hu-ho-hao-te	58.08 324	eP	P	21 24 19.0	+1.7
HHC	Hu-ho-hao-te	58.08 324	eP	P	21 24 19.0	+1.7
HHC	Hu-ho-hao-te	58.08 324	eP	P	21 24 19.0	+1.7
PPT2	Papeete2	58.52 108	eLR	LR	21 41 41.8	
BZH	Batou	58.83 323	eP	P	21 24 09.3	-1.3
LTO	Lanzhou	60.67 316	eP	P	21 24 37.0	+4.3
LZH	Lanzhou	60.67 316	eP	P	21 24 42.3	+1.7
LZH	Lanzhou	60.67 316	eP	P	21 24 47.8	+9.4
GTA	Gaotai	64.69 317	eP	P	21 25 04.6	+2.4
GTA	Gaotai	64.69 317	eP	P	21 25 09.1	+1.1
GTA	Gaotai	64.69 317	eP	P	21 25 11.9	+1.7
ULN	Ulaanbaatar	65.03 328	IAMB	IAMB	21 25 04.3	+0.1
SONM	Songino Array	65.36 328	P	P	21 25 06.8	+0.4
SONM	Songino Array	65.36 328	P	LR	21 54 39.0	
SONM	Songino Array	65.36 328	P	P	21 25 06.8	+0.4
SONM	Songino Array	65.36 328	P	IAMB	21 25 08.8	
SHL	Shilling	65.41 300	P	P	21 25 06.9	-0.3

LSA	Lhasa	67.32 304	P	IAMB	21 25 20.0	+0.3
YAK	Yakutsk	68.09 349	P	P	21 25 23.0	-0.3
CASY	Casey	68.59 197	P	IAMB	21 25 25.7	-0.7
VNDA	Vanda	73.63 178	P	P	21 25 56.8	-0.1
VNDA	Vanda	73.63 178	P	P	21 25 57.3	+0.5
SBA	Scott Base	74.17 177	P	P	21 26 01.6	+1.6
WMQ	Ururumi	74.78 317	eP	P	21 26 07.8	+3.6
TIXI	Tiksi	77.05 353	P	P	21 26 15.9	-0.5
MK31	Makanchi Array	79.36 319	P	IAMB	21 26 29.6	-0.2
MKAR	Makanchi Array	79.36 319	P	P	21 26 29.8	0.0
MAKZ	Makanchi	79.57 319	P	IAMB	21 26 30.5	+0.7
MAKZ	Makanchi	79.57 319	P	IAMB	21 26 30.8	-0.1
SML	Sawmill	79.65 25	P	IAMB	21 26 31.1	-0.1
ZAL0	Zalesovo Array	80.18 326	P	P	21 26 33.8	-0.3
ZAL0	Zalesovo Beam	80.18 326	P	P	21 26 32.8	-1.3
ZALV	Zalesovo Beam	80.18 326	P	P	21 26 33.1	-1.0
ZALV	Zalesovo Beam	80.18 326	P	P	21 26 34.3	-0.6
PRZ	Przheval'sk	80.86 314	P	P	21 26 36.7	-1.6
IL31	Eielson Array	81.65 22	P	P	21 26 41.2	-0.4
ILAR	Eielson Array	81.65 22	P	LR	21 26 41.1	-0.6
KSH	Kashi	81.99 311	P	P	21 26 53.8	+1.0
DOT	Dot Lake	82.25 24	P	IAMB	21 26 49.4	
AAK	Ala-Archa	83.71 313	P	P	21 26 53.8	+0.6
NR1K	Nori'sk	85.04 341	P	P	21 26 59.2	+0.1
DRK	Karamyk	85.16 310	P	P	21 27 01.9	+1.1
QSPA	South Pole Qui	85.94 180	IAMB	IAMB	21 27 03.1	-0.8
BTK	Batken	85.99 310	P	IAMB	21 27 04.6	0.0
MAW	Mawson	86.07 203	P	P	21 27 03.3	-1.0
MAW	Mawson	86.07 203	P	P	21 27 02.9	-1.3
MAW	Mawson	86.07 203	P	LR	22 02 39.2	
MAW	Mawson	86.07 203	P	P	21 27 03.3	-1.0
KK31	Karatay Array	86.67 313	P	IAMB	21 27 07.8	-0.2
DLBC	Dease Lake	87.01 31	LR	LR	21 58 56.8	
CHGR	Chuyangarr	87.07 309	P	P	21 27 09.6	-0.3
BRVK	Borovoye	88.34 323	P	P	21 27 15.4	-0.2
GEYT	Geysir	95.68 308	LR	LR	22 10 29.5	
PDAR	Pinedale Array	98.75 48	LR	LR	22 07 51.5	
VNA2	Vander Watz	103.99 187	PdIF	PdIF	21 28 19.3	-7.2
GERES	GERES Array B	123.09 329	PKP	PKP	21 33 22.3	+1.4
LPZ	La Paz	135.29 118	PKP	PKP	21 33 47.0	+0.1
TORD	Torrid Ar. Bea	149.51 289	PKP	PKP	21 34 12.6	-1.7
BDFB	Brasilia	152.03 135	PKP	PKP	21 34 21.3	+0.6

435B	Jarrell	59.34 16	P	P	21 29 27.3	+0.7
ABTX	Abnole, Hawle	60.64 14	P	P	21 29 35.7	+0.1
X18A	Snowflake	61.16 3	P	P	21 29 39.4	+0.2
MSX	Muleshoe	61.37 10	P	IAMB	21 29 40.0	-0.5
BDFB	Brasilia	61.60 94	P	P	21 29 42.2	-0.3
SDBF	Scott Base	61.74 194	P	LR	21 54 00.7	
ANMO	Albuquerque	61.85 7	LR	LR	21 53 25.6	
GSC	Goldstone, Br	61.90 357	P	IAMB	21 29 45.2	+1.1
GSC	Goldstone, Br	61.90 357	P	IAMB	21 29 46.2	
GWY	Greenwater Val	62.78 357	P	P	21 29 50.4	+0.3
GNW	Greenwater 12s	62.78 357	P	IAMB	21 29 51.9	
VNDA	Vanda	62.79 194	P	P	21 29 49.5	0.0
VNDA	Vanda	62.79 194	P	P	21 29 49.5	0.0
QSPA	South Pole Qui	63.30 180	P	P	21 29 53.3	+0.1
KNB	Kanab	63.55 1	IAMB	IAMB	21 29 55.7	+0.5
PRN	Pahroc Range	63.95 59	P	P	21 29 58.8	+1.1
PKCU	Pink Cliffs	63.98 1	P	P	21 29 58.5	+0.3
Y45A	Yeager Farm, C	64.58 22	P	P	21 30 01.5	-0.3
TUL1	Leonard	64.67 16	P	P	21 30 02.1	-0.3
SDCO	Great Sand Dun	64.72 7	P	P	21 30 03.1	+0.1
R11A	Troy Canyon, C	64.90 358	P	IAMB	21 30 04.1	+0.1
PV14	Lion Creek, Pa	65.04 4	P	P	21 30 05.7	+0.7
PSUT	Pine Spring	65.06 360	P	P	21 30 05.2	+0.1
PV04	Paradox Valley	65.07 4	IAMB	IAMB	21 30 05.0	-0.1
NV11	Mina Array Sit	65.09 356	P	P	21 30 05.2	0.0
NV11	Mina Array Sit	65.09 356	P	IAMB	21 30 07.4	
NVAR	Mina Array Bea	65.10 356	P	P	21 30 05.4	0.0
NVAR	Mina Array Bea	65.10 356	P	P	21 30 05.9	+0.5
SRU	San Rafael Swe	65.70 3	P	IAMB	21 30 09.5	+0.3
KVN	Kaiserville	65.71 356	P	P	21 30 10.1	+0.8
Y40A	Yelville	65.86 18	P	P	21 30 09.9	-0.2
P17A	Butcher Ranch,	66.05 2	IAMB	IAMB	21 30 12.4	+1.0
DUG	Dugway, Tooele	66.72 1	P	P	21 30 15.6	0.0
PBMO	Poplar Bluff	66.97 20	P	P	21 30 17.1	0.0
BMM	Battle Mountai	67.03 357	P	IAMB	21 30 18.5	+0.8
WDC	Whiskeytown Da	67.61 353	P	P	21 30 20.9	-0.2
MOD	Modoc Plateau	68.70 355	P	IAMB	21 30 28.2	+0.1
PD31	Pinedale Array	69.39 3	P	P	21 30 31.3	-1.2
PDAR	Pinedale Array	69.39 3	P	P	21 30 31.8	-0.7
PDAR	Pinedale Array	69.39 3	P	P	21 30 31.7	-0.8
K22A	Casper	69.48 6	P	P	21 30 32.8	-0.2
HLID	Hailey	70.08 359	IAMB	IAMB	21 30 37.3	+0.6
FXWY	Fox Creek	70.20 2	P	P	21 30 37.7	+0.2
PINE	Pine Mountain	70.63 354	IAMB	IAMB	21 30 40.5	+0.5
I07A	Izeze	70.81 356	IAMB	IAMB	21 30 41.8	+0.7
SNAA	Sanae	70.97 162	P	P	21 30 41.0	-0.7
MCMT	McKenzie Canyo	71.36 51	P	LR	21 30 45.0	+0.5
DZM	Mont Dzumac	71.75 254	eLR	LR	21 52 36.6	
NEW	Newport	74.85 3				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like SARAUOUTOU, SARAUOUTOU, DEVILS POINT, etc.

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

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

IDC 21 21:58:25.9.30.0, 27.93S, 74.90E, h0km, mb3.9/4, mb1.4/2.3, mb1mx3.6/35, mbmtmp3.9/3, Error ellipse: s-maj=711.8km s-min=30.6km az=66.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like H0S22 Diego Garcia H, H0S11 Diego Garcia H, etc.

IDC 21 22:04:27.2.1.6, 31.17S, 71.66W, h0km, mb4.0/1, mb1 3.8/2, mb1mx3.6/16, mbmtmp3.8/2, ML3.6/1, MS3.1/1, Ms1 3.2/1, ms1mx2.8/21, Error ellipse: s-maj=69.2km s-min=25.6km az=92.0

GUC 21 22:04:31.3.0.8.31.17S, 71.74W, h42km, 3km, ML4.0, NEIC 21 22:04:31.4.2.1.31.182S, 0.010: 71.80W, 0.08, CO05 n22=7.7km, mb4.2/3, ML4.0(GUC), Error ellipse: s-maj=10.5km s-min=1.4km az=90.0

ISC 21 22:04:31.1.4.31.19S, 0.03: 71.74W, 0.07, h22km, 11km, n52, 0.0975/4, mb4.2/3, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

IDC 21 21:27:30.6.48.0, 27.44S, 75.27E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.6/35, mbmtmp3.8/3, Error ellipse: s-maj=1142.0km s-min=52.2km az=65.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 21 21:28:03.0.5.9.271AS, 74.96E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.6/35, mbmtmp3.9/4, Error ellipse: s-maj=158.1km s-min=38.3km az=53.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like H0S22 Diego Garcia H, H0S11 Diego Garcia H, H0S33 Diego Garcia H, etc.

KRSC 21 21:39:52.8.1.3, 50.96N, 158.03E, h44km, 19km, ML4.3, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KDTR Khodutka, KDTR Khodutka, PAU Pauzhetka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, RAMN Ramite, JIRN Jiri, etc.

IDC 22 00:01:55.5-9.8, 40.08N:142.41E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.3/57, mbtmp3.3/3, ML2.5/1, Error ellipse: s-maj=224.00k, s-min=73.2km az=163.0

NIED 22 00:02:10.9, 38.37N:142.32E, h30km, MW3.7, Moment Tensor Solution, s-3 Moment Tensor, Scale 10^14Nm, Mw=2.26; Fault plane solution: N3 69000x1014 NP1; phi=32.00000; s71.00000; lambda=93.00000; NP2; phi=152.00000; lambda=199.00000; lambda=1.8100000

JMA 22 00:02:10.8-0.1, 38.37N:142.32E, h30km, mb3.7, M3.7, JMA Felt 1 J1

ISC 22 00:02:10.9-3.3, 38.35N:142.3E, h25km, n22, e156/25, Near east coast of eastern Honshu

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

NEIC 22 00:02:55.2-2.1, 30.31S:01.04E, h170W:0.06, h22km, 6km, mb4.2/7, ML4.5(GUC), Error ellipse: s-maj=8.2km s-min=5.0km az=99.0

GUC 22 00:02:55.2-0.9, 30.32S:71.66W, h35km, 3km, ML4.5, IDC 22 00:02:57.1-5.1, 30.38S:71.44W, h33km, 3km, mb3.7/7, mb1 3.8/12, mb1mx3.6/41, mbtmp3.8/12, ML3.7/5, MS3.3/4, Ms1 3.3/4, ms1mx3.0/28, Error ellipse: s-maj=33.1km s-min=19.5km az=93.0

ISC 22 00:02:55.6-1.0, 30.33S:0.03E, h167W:0.05, h24km, 7km, n75, e1940/82, mb4.1/8, 3C, Near east of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 La Serena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCO Las Campanas, LCO Llanos de Chal, AC04 Llanos de Chal, etc.

IDC 22 00:12:07.1-49.0, 28.61S:74.46E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.5/51, mbtmp3.8/3, Error ellipse: s-maj=117.00k s-min=55.9km az=64.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 22 00:20:45.8-5.3, 14.36S:167.46E, h118km, 45km, mb3.6/6, mb1 3.8/7, mb1mx3.6/37, mbtmp4.0/7, MS3.1/2, Ms1 3.1/2, ms1mx2.7/24, Error ellipse: s-maj=38.8km s-min=29.4km az=12.0

NEIC 22 00:20:50.2-2.4, 14.7S:0.1x167.5E:0.2, h135km, 4km, mb4.1/3, Error ellipse: s-maj=25.3km s-min=15.6km

NOU 22 00:20:52.6, 14.84S:167.32E, h133km, ML4.8/11, Vanuatu Islands

ISC 22 00:20:50.7-0.9, 14.72S:0.09E, 167.4E:0.1, h150km, n39, e129/41, mb4.0/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, SANVU Devils Point, KOUNC Koumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, DVP Devils Point, KOUNC Koumac, etc.

JMA 22 00:23:37.3-0.1, 39.57N:140.29E, h169km, 1km, M3.9, IDC 22 00:23:38.8-1.4, 39.53N:140.11E, h193km, 14km, mb3.3/9, mb1 3.5/14, mb1mx3.3/53, mbtmp3.9/14, Error ellipse: s-maj=18.00k s-min=12.1km az=80.0

ISC 22 00:23:36.7-0.7, 39.57N:0.05E, 140.2E:0.07, h173km, 6km, n34, e1510/39, mb3.9/2C-9D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYV Yuwa, JRG Rokugo, JYK Kanyama, etc.

MEX 22 00:26:32.1-0.4, 27.70N:111.90W, h71km, 12km, MD3.7, ECX 22 00:26:31.3-0.8, 27.90N:111.93W, h0km, 14km, MD2.6, Gulf of California

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

HSIG HSIG 1.41 38 eP Pn 00 26 57.1 -1.2 eS Sg 00 27 15.0 -1.7

NEIC 22 00:27:19.6, 2.6, 12.55S; 0.06: 166.3E; 0.2, h35km, 2km, mb4.4/8, Error ellipse: s-maj=26.7km s-min=9.9km az=83.0

IDC 22 00:27:34.5, 4.5, 8, 12.88S; 165.99E, h181km, 60km, mb3.4/8, mb1.3/5.9, mb1mx3.4/3.5, mbtm3.9/9, MS3.6/4, Ms1.3/6.4, ms1mx3.3/1.7, Error ellipse: s-maj=47.7km s-min=31.0km az=149.0

ISC 22 00:27:19.1-0.7, 12.52S; 0.08: 166.2E; 0.1, h40km, n29, o131/25, mb4.2/9, MS3.8/4, Santa Cruz Islands

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

IDC 22 00:29:23.6, 0.8, 6.81N; 73.00W, h161km, 12km, mb2.8/1, mb1.3/5.3, mb1mx3.0/3.1, mbtm3.7/3, Error ellipse: s-maj=44.5km s-min=6.0km az=132.0

RSNC 22 00:29:23.0, 1.0, 6.82N; 73.12W, h151km, 4km, ML3.4, Mw3.7, Fault plane solution: NP1:phi=85.00000, delta=0.00000, lambda=122.00000

ISC 22 00:29:23.1-0.9, 6.86N; 0.03: 73.09W; 0.03, h161km, 6km, n36, e138/69, 3C-4D, Northern Colombia

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

CBOC CBOC 00 30 50.2 +0.4 eS Sn 00 30 56.3

DBBC Dabeiba 3.10 273 eP Pn 00 30 12.8 +0.5 DBBC 00 30 49.7 -0.7 SDV Santo Domingo 3.16 50 P Pn 00 30 14.4 +1.3

SDV Santo Domingo 3.16 50 P Pn 00 30 51.3 -0.7

SDV Santo Domingo 3.16 50 P Pn 00 30 14.5 +1.4 SDV 00 30 15.1 -0.9

MOTC Monteria, Cord 3.18 307 eP Pn 00 30 12.2 -1.0 MOTC 00 30 15.0 -1.2

ANIL Santa Ana 3.29 224 eP Pn 00 30 16.6 +1.7 ANIL 00 30 56.0 +0.9

ORTC Ortega, Tolima 3.63 216 eS Pn 00 30 19.2 +0.2 ORTC 00 31 03.2 +0.7

SJCC San Jacinto, C 3.66 326 eP Pn 00 30 18.9 -0.4 SJCC 00 31 00.5 -2.6

PLMC San Jose del P 3.72 239 eP Pn 00 30 20.7 +0.5 PLMC 00 31 04.3 -0.2

CRUC Cerrejon, Guaj 4.14 3 eP Pn 00 30 25.2 -0.4 CRUC 00 31 12.4 -1.9

GUVG San Jose del G 4.31 174 eP Pn 00 30 27.6 -0.2 GUVG 00 31 16.6 -1.7

YOTC Yotoco, Valle 4.32 229 eP Pn 00 30 27.9 -0.1 YOTC 00 31 19.5 +1.0

MARP Paez Belalcaza 4.91 216 eP Pn 00 30 35.8 0.0 MARP 00 31 28.7 -3.8

URIC Uribia, Colomb 4.93 13 eP Pn 00 30 35.3 -0.6 URIC 00 31 29.4 -3.4

TXAR Lajitas Aray 36.46 312 P P 00 36 14.0 +1.2

ASAR Alice Springs 149.16 234 PKPbc PKIKP 00 48 53.5 -1.1

WRA Warramunga Arr 150.38 241 PKPbc PKIKP 00 48 56.5 -0.6

MOS 22 00:32:25.8, 0.9, 27.71S; 74.11E, h10km, mb5.5/52, MS4.8/5, Error ellipse: s-maj=10.6km s-min=6.3km az=92.0

IDC 22 00:32:25.3, 0.4, 27.73S; 74.00E, h0km, mb4.6/29, mb1.4/8.29, mb1mx4.6/3.5, mbtm4.5/29, MS4.8/29, Ms1.4/8.29, ms1mx4.7/3.5, Error ellipse: s-maj=13.8km s-min=12.3km az=172.0

BUI 22 00:32:25.0, 0.0, 27.96S; 73.47E, h23km, mb5.5/47, mb4.9/63, MS5.4/57, Ms7.5/53

NEIC 22 00:32:28.2, 7.8S; 74.08E, h4km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1=6.98; M2=2.71; M3=4.27; M4=3.13; M5=5.65; M6=0.76; Fault plane solution: Mb=9.20000*10^16, NP1:phi=302.740000, delta=41.00000, lambda=118.82000; NP2:phi=17.240000, delta=8.870000, lambda=61.850000; Principal axes: T 9.6237, Plg9.0000, Azm47.0000; N -1.6409, Plg17.0000; Azm31.0000; P -7.9828, Plg70.0000; Azm164.0000; NP1:phi=85.00000, delta=0.00000, lambda=122.00000

NEIC 22 00:32:28.4, 2.4, 27.77S; 0.08: 74.06E; 0.09, h10km, 1km, mb5.4/118, Ms 2.5/2106, Mw5.5/223, Error ellipse: s-maj=15.2km s-min=11.1km az=127.0

GCMT 22 00:32:28.4, 0.1, 27.79S; 0.01: 74.01E; 0.01, h12km, Mw5.4/148, Moment Tensor Solution. s102,c1161; s148,c276; Duration: t12 Moment tensor: Scale 10^17 Nm; M1=1.30; M2=0.62; M3=0.61; M4=0.69; M5=0.2; M6=0.07; M7=0.04; M8=0.63; M9=0.41; M10=0.41; Best double couple: M1=1.35700*10^17, NP1:phi=309.00000, delta=41.00000, lambda=118.82000; NP2:phi=17.240000, delta=8.870000, lambda=61.850000; Principal axes: T 1.3330, Plg8.0000; Azm228.0000; N 0.0530, Plg9.0000; Azm319.0000; P -1.3820, Plg78.0000; Azm98.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22 00:32:26.5, 0.6, 27.84S; 0.05: 73.95E; 0.05, h6km, 3km, h7km; pP-Pn, n31, e126/568, mb5.3/151, MS5.1/99, 29C-13Z, Mid-Indian Ridge

Code Station Name Az, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

RER Riviere de l'E 17.85 288 P P 00 36 40.2 +3.9

H0S2 Diego Garcia H 20.14 356 T T 00 57 51.9

H0S1 Diego Garcia H 20.14 356 T T 00 57 52.1

H0S3 Diego Garcia H 20.16 356 T T 00 57 50.1

VOI Vohitsoka 25.31 277 P P 00 37 55.3 +1.1

VOI Vohitsoka 25.31 277 P P 00 37 54.6 +0.5

CRZF Crozet Islands 25.43 217 IAMS_20 IAMS_20 00 44 37.1

OPO Ambohidratrompo 26.23 285 P P 00 38 02.9 +0.4

COCO West Island 26.47 59 IAMS_20 IAMS_20 00 45 21.2

H01W2 Cape Leeuwin H 34.84 112 T T 01 16 02.8

H01W3 Cape Leeuwin H 34.85 112 T T 01 16 03.7

H01W1 Cape Leeuwin H 34.86 112 T T 01 16 03.7

PALK Pallekele 35.52 12 P P 00 39 24.8 +0.5

PALK Pallekele 35.52 12 P P 00 39 24.3 0.0

PALK Pallekele 35.52 12 P P 00 39 24.3 0.0

PALK Pallekele 35.52 12 P P 00 39 24.9 +0.6

MNAI Manna 36.16 55 IAMS_20 IAMS_20 00 50 34.1

GSI Gunungsitoli 36.81 42 P P 00 39 35.6 +0.2

GSI Gunungsitoli 36.81 42 P P 00 39 36.5 +1.1

MORW Morawa 36.88 102 P P 00 39 36.4 +0.4

PDSI Padang 36.90 48 P P 00 39 37.3 +1.1

LHAI Lahat 36.94 55 P P 00 39 38.0 +1.5

NWA0 Narrogin (SRO) 37.48 109 P P 00 39 40.9 -0.1

MNSI Mandailing Nat 37.63 45 P P 00 39 43.7 +1.3

PMBI Palembang 38.46 55 IAMS_20 IAMS_20 00 52 07.0

RPSI Rantau Prapat 38.73 42 P P 00 39 52.3 +0.7

RPSI Rantau Prapat 38.73 42 P P 00 52 37.2

PSI Prapat 38.81 42 P P 00 39 51.6 -0.8

PSI Prapat 38.81 42 P P 00 42 02.9 -1.0

PSI Prapat 38.81 42 P P 00 39 52.3 -0.1

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PSI Prapat 38.81 42 P P 00 39 52.3 -0.1

PSI Prapat 38.81 42 P P 00 39 52.3 -0.1

PCJI Pacitan 40.20 68 P P 00 40 03.4 -0.5

MAW Mawson 40.35 187 P P 00 40 05.7 +1.2

MAW Mawson 40.35 187 P P 00 40 05.7 +1.2

MAW Mawson 40.35 187 P P 00 40 05.6 +1.2

MAW Mawson 40.35 187 P P 00 40 05.6 +1.2

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22d 0h

2015 OCT

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like TSUM, WBK, JMDO, CHTO, etc.

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KARS	comp=Z,227nm,1.9s	73.91	336	P	P	00 44 03.0	+0.6
MAK	Makhachkala	74.54	340	P	P	00 44 01.6	-4.2
MAK				ePPP	PPP	00 48 32.0	
MAK				eSS	SKIKP	00 53 33.8	+1.2
MAK				eSS	SSS	00 58 24.5	-4.4
MAK				eSS	pmax	01 01 40.6	
MAKZ	comp=Z,451nm,1.3s	74.66	6	P	P	00 44 05.7	-0.7
MAKZ	Makanchi	74.66	6	P	pmax		
MAKZ	comp=Z,36nm,1.6s	74.66	6	P	IAMs_20	00 44 05.7	-0.7
MAKZ	Makanchi	74.66	6	P	IAMs_20	01 15 09.9	
MK31	comp=Z,980nm,20.0s	74.67	6	P	P	00 44 05.2	-1.3
MK31	Makanchi Array	74.67	6	P	pmax		
MK31	comp=Z,30nm,1.5s	74.67	6	P	P	00 44 05.2	-1.3
MK31	Makanchi Array	74.67	6	P	P	00 44 05.3	-1.2
MK31	Makanchi Array	74.67	6	P	P	00 44 05.3	-1.2
MKAR	comp=Z,6.5nm,0.9s,baz=174,slow=4.3,SNR=21	74.67	6	P	LR	01 15 12.3	
MKAR	comp=Z,802nm,20.0s,baz=184,slow=34	74.67	6	P	LR	01 15 12.3	
MKAR	Makanchi Array	74.67	6	P	pmax	00 44 04.9	-1.6
MKAR	comp=Z,7.0nm,0.9s	74.67	6	P	P	00 44 05.0	-1.6
MKAR	Makanchi Array	74.67	6	P	P	00 44 05.0	-1.6
GROC	Groznyy	75.29	339	eP	e	00 44 22.3	
GROC				e	pmax		
GROC	comp=Z,8.0nm,0.6s	75.51	337	P	P	00 44 11.7	+0.2
ONI	Oni	75.51	337	P	pmax		
ONI	comp=Z,66nm,1.9s	75.51	337	P	IAMB	00 44 11.7	+0.2
ONI	Oni	75.51	337	P	IAMB	00 44 13.7	
ONI	comp=Z,66nm,1.9s	75.58	35	P	S	00 44 11.6	-0.4
TIA	Tai'an	75.58	35	P	S	00 53 54.3	+1.0
TIA	comp=Z,18nm,1.8s				pmax		
TIA	comp=Z,340nm,5.7s				LR		
TIA	comp=Z,570nm,19.2s				LR		
TIA	comp=Z,240nm,14.1s				LR		
TIA	comp=Z,960nm,14.7s				LR		
BTO	Baotou	75.89	28	eP	S	00 44 14.6	+0.8
BTO				eP	S	00 53 59.4	+2.6
BTO	comp=Z,1µm,17.7s				LR		
BTO	comp=Z,3µm,17.3s				LR		
NCK	Nalchik	76.27	338	iP	pmax	00 44 16.1	+0.3
NCK	comp=Z,8.0nm,1.4s				pmax		
NEY	Neytrino	76.35	337	eP	pmax	00 44 17.4	+1.0
NEY	comp=Z,10.0nm,2.2s				pmax		
KBZ	Khabaz	76.71	337	P	P	00 44 17.6	-0.6
KBZ	comp=Z,2.4nm,0.9s,baz=185,slow=6.5,SNR=6.1				LR	01 15 45.0	
KBZ	comp=Z,413nm,20.9s,baz=147,slow=34				P	00 44 17.8	-0.4
KBZ	Khabaz	76.71	337	eP	pmax		
HHC	comp=Z,2.0nm,0.9s				pmax		
HHC	Hu-ho-hao-te	76.74	28	eP	S	00 44 18.8	+0.2
HHC				S	SS	00 54 05.1	-1.0
HHC				ScS	SKSac	00 54 30.6	-0.4
HHC	comp=Z,19nm,1.0s				pmax		
HHC	comp=Z,350nm,6.3s				LR		
HHC	comp=Z,800nm,20.4s				LR		
HHC	comp=Z,760nm,19.6s				LR		
HHC	comp=Z,820nm,20.4s				LR		
ISP	Isparta	76.97	326	P	pmax	00 44 19.1	-0.9
ISP	comp=Z,15nm,0.8s				pmax		
ISP	Isparta	76.97	326	P	P	00 44 19.1	-0.9
KARP	Karpathos	76.97	322	P	P	00 44 19.8	-0.2
KIV	Kislodovsk	76.98	337	eP	P	00 44 20.1	+0.2
KIV	Kislodovsk	76.98	337	eP	S	00 54 09.1	+0.5
KIV				eSS	SS	00 59 08.4	+2.3
KIV				eSS	pmax		
BRTR	comp=Z,13nm,1.1s				LR		
BRTR	Keakin Array B	77.00	329	P	P	00 44 19.8	-0.4
BRTR	comp=Z,3.2nm,1.0s,baz=167,slow=5.8,SNR=10				LR	01 16 36.2	
BRTR	Keakin Array B	77.00	329	eP	pmax	00 44 20.5	+0.3
BRTR	comp=Z,3.0nm,1.0s				pmax		
BR131	Keakin Array S	77.00	329	P	pmax	00 44 19.9	-0.3
BR131	comp=Z,72nm,1.8s				pmax		
BR131	Keakin Array S	77.00	329	P	IAMB	00 44 19.9	-0.3
BR131	comp=Z,72nm,1.8s				IAMB	00 44 21.7	
BR131	Keakin Array S	77.00	329	P	P	00 44 19.9	-0.3
BR131	SNR=5.5				P	00 44 19.9	-0.3
SOC	Sochi	77.71	335	d/P	P	00 44 22.6	-1.3
SOC				e	ePPP	00 47 18.3	
SOC				ePPP	PPP	00 49 04.7	+0.2
SOC				eS	SS	00 54 15.5	-0.8
SOC				eSS	SS	00 59 16.9	-0.1
SOC				eSS	pmax		
ABKAR	Abkula array	77.76	351	P	P	00 44 23.2	-0.8
ABKAR	Abkula array	77.76	351	P	IAMB	00 44 23.2	-0.8
ABKAR					IAMB	00 44 25.0	
BJT	Baijiatuu	78.11	32	P	pmax	00 44 25.9	-0.3
BJT	comp=Z,41nm,1.6s				pmax		
BJT	Baijiatuu	78.11	32	P	P	00 44 25.9	-0.3
BJT	comp=Z,33nm,1.8s				P	01 17 48.8	
BJT	Baijiatuu	78.11	32	IAMs_20	IAMs_20		
DGZ	Jazzator, Alta	78.12	9	i/P	pmax	00 44 25.7	-0.5
DGZ	comp=Z,7.0nm,1.5s				pmax		
BJI	Beijing	78.13	32	P	P	00 44 26.6	+0.3
BJI				PcP	PcP	00 44 36.7	+1.0
BJI				S	S	00 54 25.5	+4.6
BJI	comp=Z,13nm,1.7s				pmax		
BJI	comp=Z,560nm,15.6s				LR		
BJI	comp=Z,730nm,17.4s				LR		
BJI	comp=Z,670nm,16.8s				LR		
SANT	Santorini	78.50	322	P	IAMB	00 44 28.5	0.0
SANT	comp=Z,42nm,1.2s				IAMB	00 44 29.3	
ANN	Anapa	79.61	334	eP	eP	00 44 33.6	-0.7
ANN				ePPP	eP	00 44 36.7	+0.9
ANN				S	S	00 54 36.6	+0.1
ANN				e	pmax		
GUMO	Guam	80.04	69	LR	LR	01 15 33.1	
GUMO	comp=Z,172nm,21.9s,baz=264,slow=32				LR		
BRVK	Borovoye	80.62	358	eP	pmax	00 44 38.9	-0.7
BRVK	comp=Z,27nm,1.5s				pmax		
BRVK	Borovoye	80.62	358	P	P	00 44 39.4	-0.1
BRVK	Borovoye	80.62	358	IAMs_20	IAMs_20	01 18 27.4	
SONM	Songino Array	80.78	21	P	P	00 44 40.3	-0.5
SONM	comp=Z,877nm,21.0s				P		
SONM	comp=Z,3.0nm,0.4s,baz=199,slow=3.1,SNR=24				LR	01 20 44.6	
SONM	comp=Z,0.3nm,0.4s,baz=199,slow=3.1,SNR=24				LR	01 20 44.6	
SONM	comp=Z,452nm,18.4s,baz=198,slow=36				LR	01 20 44.6	
SONM	Songino Array	80.78	21	P	P	00 44 40.5	-0.3
SONM	comp=Z,49nm,1.7s				pmax		

SONM	Songino Array	80.78	21	P	IAMB	00 44 40.5	-0.3
SONM				P	IAMB	00 44 42.4	
TORD	Torodi Arr, Bea	80.92	290	P	P	00 44 41.4	-0.6
TORD	comp=Z,6.2nm,1.2s,baz=120,slow=2.5,SNR=18				LR	01 20 10.7	
TORD	Ulanbaatar	81.03	22	eP	P	00 44 40.7	-1.4
ULN	comp=Z,5.0nm,1.2s				pmax		
ULN	Ulanbaatar	81.03	22	P	IAMs_20	00 44 41.5	-0.6
ULN	comp=Z,517nm,20.0s				IAMs_20	01 18 55.9	
ALN	Alexandroupoli	81.55	325	P	pmax	00 44 45.0	+0.2
ALN	comp=Z,76nm,1.5s				P	00 44 45.0	+0.2
ALN	Alexandroupoli	81.55	325	P	IAMB	00 44 46.6	
BKZ	Black Stump Fm	81.79	130	P	IAMB	00 44 46.6	+0.1
BKZ	comp=Z,81nm,1.6s				IAMs_20	01 17 20.6	
ZAAO	Zalesovo Array	81.99	6	P	P	00 44 45.6	-1.2
ZALV	Zalesovo Beam	81.99	6	P	P	00 44 45.5	-1.3
ZALV	comp=Z,2.9nm,0.9s,baz=199,slow=4.1,SNR=18				LR	01 20 41.3	
DZM	Mont Dzumac	82.08	111	P	P	00 44 48.0	-0.3
DZM	comp=Z,30nm,1.3s				IAMB	00 44 50.1	
DZM	Mont Dzumac	82.08	111	eP	P	00 44 47.4	-0.9
DZM	comp=Z,59nm,1.6s				eS	00 55 04.4	+0.6
DZM	Mont Dzumac	82.08	111	eLR	LR	01 10 29.4	
ZAK	Zakamensk	82.11	18	eP	pmax	00 44 47.0	-0.7
ZAK	comp=Z,110nm,1.6s				pmax		
HNR	Honiara	82.14	96	IAMs_20	IAMs_20	01 22 24.2	
HNR	comp=Z,873nm,18.0s				IAMs_20	01 22 24.2	
KSR5	Korea Array	82.35	40	P	P	00 44 47.0	-2.1
KSR5	comp=Z,11nm,0.3s,baz=223,slow=5.1,SNR=8.9				LR	01 19 22.6	
KSR5	Korea Array	82.35	40	P	P	00 44 47.0	-2.1
DBIC	Dimbokro	83.27	281	LR	LR	01 19 27.5	
DBIC	comp=Z,1µm,20.2s,baz=218,slow=34				LR		
VAY	Valandovo	83.65	324	iP	P	00 44 55.1	-0.7
VAY	Novokhopovsk	83.68	340	eP	pmax	00 44 55.7	+0.1
CFR	Carcaiu	83.80	329	iP	P	00 44 56.4	+0.1
FNA	Florina	83.90	323	P	pmax	00 44 57.0	-0.2
FNA	comp=Z,79nm,1.9s				P	00 44 57.0	-0.2
KBN	Korca	84.10	322	P	pmax	00 44 58.8	+0.6
KBN	comp=Z,114nm,1.6s				pmax		
KBN	Korca	84.10	322	P	P	00 44 58.8	+0.6
STIP	Stip	84.12	324	iP	P	00 44 56.9	-1.3
VORD	Divnogorie	84.22	339	eP	pmax	00 44 58.6	+0.2
VORD	comp=Z,20nm,1.7s				pmax		
VTS	Vitosh	84.24	325	iP	P	00 44 58.6	-0.4
VTS	comp=Z,38nm,1.5s				pmax		
VTS	Vitosh	84.24	325	P	pmax	00 44 58.9	-0.1
VTS	comp=Z,38nm,1.5s				IAMB	00 45 00.4	
SULR	Skopje	84.28	328	iP	P	00 44 59.1	+0.2
SKO	Arti	84.70	324	iP	P	00 45 01.2	+0.1
ARU	Arti	84.95	351	c/P	P	00 45 01.9	-0.1
ARU				S	S	00 45 18.8	
ARU				S	S	00 55 25.9	-5.0
ARU				SS	SS	01 01 04.3	-0.2
ARU	comp=Z,65nm,1.7s				pmax		
ARU	comp=Z,434nm,18.0s				MLR		
ARU	Arti	84.95	351	P	P	00 45 01.9	-0.1
VRI	Vrincioiaia	84.96	329	iP	P	00 45 02.9	+0.6
FLOR	Flostina	84.98	329	iP	P	00 45 02.4	+0.1
MLR	Muntele Rosu	85.04	328	iP	P	00 45 03.2	+0.3
MLR	Muntele Rosu	85.04	328	P	pmax	00 45 03.2	+0.3
MLR	comp=Z,164nm,1.6s				pmax		
MLR	Muntele Rosu	85.04	328	P	P	00 45 03.2	+0.3
SVE	Sverdlovsk	85.09	333	eP	pmax	00 45 03.2	+0.5
COVR	Voineasca-Covas	85.19	329	iP	P	00 45 03.3	-0.2
VOIR	Tescani	85.42	328	iP	P	00 45 04.6	-0.1
TESR	Dopca	85.49	329	P	P	00 45 05.3	+0.3
DOPR	Dopca	85.65	328	iP	P	00 45 05.7	-0.2
SANVU	Saraoutou	85.72	105	P	P	00 45 06.3	-0.6
LPSR	Galich ya Gora	85.75	339	eP	pmax	00 45 05.4	-0.7
LPSR	comp=Z,20nm,1.3s				pm		

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like YKA, UREC, EMMW, DLBC, D62A, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like JSD, MJAR, MAJOR, MJAR, etc.

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

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BKZ Black Stump Fm, CAN Cambará, STKA Stephens Creek, etc.

MOS 22:01:17.09.2.1.1, 60.31Sx45.32W, h18km, mb5.6/24, Error ellipse: s-maj=25.9km s-min=9.5km az=98.3, NEIC 22:01:17.10.3.1.8, 60.34Sx0.07x45.4W:0.1, h15km, 3km, mb5.5/98, Ms_20.5/42, Mw0.5/38, Mww5.3, Mw0.5/38(CMT), Error ellipse: s-maj=11.4km s-min=9.0km sz=136.0, NEIC 22:01:17.11.2.1.0, 60.37Sx45.38W, h4km, Moment Tensor Solution...

GCMT 22:01:17.12.3.0.1, 60.57Sx0.01x45.23W:0.03, h12km, MW5.2/126, Moment Tensor Solution: s94, c139, s126, c211; Duration: 150 Moment tensor: Scale 10^17 Nm; M0=0.87e+01; Mw0.86e+01; Mw0.00e+02; Mw0.04e+04; Mw0.28e+07; Mw0.16e+05; Best double couple: M0.92200e+10; NP1: s265.00000; s46.00000, l-74.00000; NP2: s62.00000; s1.1683, Plg2.00000; Azm336.00000; N 0.0215, Plg5.00000; Azm245.00000; P -1.2098, Plg85.00000; Azm88.00000; IDC 22:01:17.13.3.2.1, 60.38Sx45.52W, h33km, 14km, mb4.7/19, mb1.4/8.20, mb1mx4.7/29, mbtmp4.9/20, ML4.4/1, MS4.7/19, Ms1.4/7.19, ms1mx4.6/25 Error ellipse: s-maj=15.3km s-min=11.9km sz=56.0, ISC 22:01:17.09.2.0.2, 60.39Sx0.05x45.40W:0.05, h10km, n523, s1529/507, mb5.4/64, MS4.9/46, 3C-3D, Scotia Sea

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like ORCD Orcadas, HOPE Hope Point, PMSA Palmer Station, SNAA Sanae, etc.

Main table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like QSPA South Pole Qui, BO02 Sierra Bellavi, BO03 Cacapava Do Su, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like GUA01 Guaratinga, PB11 IPOC Station P, PSQCX Pisagua, etc.

22d 1h

2015 OCT

950

Table with columns: Name, Comp, Z, D, S, P, M, R, T, V, W, X, Y, Z. Includes entries like BCIP Isla Barro Col, CDITO Canoas, DRKO Durika, etc.

Table with columns: Name, Comp, Z, D, S, P, M, R, T, V, W, X, Y, Z. Includes entries like BEKR Beckworth, H17A Grant Village, YALH LASA Array, etc.

Table with columns: Name, Comp, Z, D, S, P, M, R, T, V, W, X, Y, Z. Includes entries like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, LPSR Galich ya Gora, etc.

Table with columns: WRA, ASAR, STKA, MKAR. Includes station names, times, and coordinates.

Table with columns: DZM, STKA, WRA, ASAR, FITZ. Includes station names, times, and coordinates.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the first section, including codes, station names, and various parameters.

INET 22:02:36.06.3, 10.86N:86.81W, h15km, MW3.4

Table listing station data for the second section, including codes, station names, and various parameters.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the second section, including codes, station names, and various parameters.

comp=Z,1.0nm,1.0s,baz=198,slow=4.1,SNR=3.6

Table listing station data for the third section, including codes, station names, and various parameters.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the third section, including codes, station names, and various parameters.

NEIC 22:02:56.48.5, 1.9.23S:0.2:178.3W:0.2, h500km, n33, mb4.1/26, Error ellipse: s-maj=35.0km s-min=18.9km

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the third section, including codes, station names, and various parameters.

az=151.0, ISC 22:02:57.29.6:1.5, 14.8S:0.1:167.5E:0.2, h150km, n32, r1541/35, mb4.0/7, Vanuatu Islands

Table listing station data for the fourth section, including codes, station names, and various parameters.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the fourth section, including codes, station names, and various parameters.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the fourth section, including codes, station names, and various parameters.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Main table listing station data for the fourth section, including codes, station names, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ASHO Ashiyah, ALNE AI Ain, MZWR Madinat Zayed, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like RER Riviere de l'E, H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like VVDA comp=2.90nm,20.7s, Vanda, Nanjing, BTO Baotou, etc.

IDC 22 03:06:09.9-0.5,20:07S:66.40E, h0km, mb4.3/22, mb1 4.4/23, mb1mx3.4/25, mbtmp4.3/23, MS4.0/29, MS1.4/029, ms1mx3.9/40, Error ellipse: s-maj=16.8km s-min=13.1km az=103.0

MW-1.67z:09: Ms0.88z:23: Best double couple: M=0.431500x1016 NP1=0.14600000, 873.00000, L=9.000000, NP2=0.23800000, 882.00000, lambda=163.000000, Principal axes: T 4.5900, P16g.0000, Azm11.0000; N -0.5520, P1g71.0000, Azm23.0000; P -4.0390, P1g18.0000, Azm103.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 22 03:21:30.0-2.1,2:03N:126.38E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/34, mbtmp3.6/3, Error ellipse: s-maj=180.4km s-min=25.2km az=66.0, Northern Molucca Sea

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

JMA 22 03:34:58.6-0.2,32:95N:138.08E, h377km, M3.6, IDC 22 03:35:02.9-0.7,32:91N:137.76E, h342km, 7km, mb3.2/10, mb1 3.4/13, mb1mx3.2/62, mbtmp4.0/13, Error ellipse: s-maj=15.7km s-min=11.1km az=69.0

22d 5h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like GUN Gumba, PKI Pulchoki, KKN Kakanai, etc.

WEL 22 03:38:44.8-1.1, 36'S 177°17'9W E1, h33km, M3.8/6, ML4.0/13, MLV3.8/6, Error ellipse: s-maj=0.0km s-min=0.0km az=138.1, East of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

NOU 22 03:52:20.3, 37.63S:176.40E, h316km, ML4.0/10, North Island, New Zealand

WEL 22 03:52:36.2, 38'S:13°17'6"E, h201km, M2.9/4.3, ML2.9/4.3, North Island

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like MUGZ Murupara, MRHZ Matea Rd, etc.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like OXZ Oxtord, MQZ McQueen's Vall, etc.

NEIC 22 04:22:47.4-0.7, 13.3N:0.1x145.49E:0.07, h25km, 4km, mb4.5/9, Error ellipse: s-maj=19.6km s-min=4.8km

ICD 22 04:22:50.7: 1.6, 13.14N:145.15E, h55km, 14km, mb3.6/8, mb1.3/9.8, mb1mx3.7/6, mbtmp3.9/8, MS3.0/2, m1=1mx2.6/4.0, Error ellipse: s-maj=36.9km s-min=20.6km az=99.0

ISC 22 04:22:48.9: 0.6, 13.3N:0.1x145.4E:0.1, h45km, m33, r16/28, mb4.2/12, Mariana Islands

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like GUMO Guam, JAY Jajupura, etc.

954

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like SOH comp=E,1128um,0.3s, SOH comp=N,947um,0.4s, etc.

22d 6h

Table with columns: Station, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TASHKENT, TEREK-SAY, TRKS, BTk, GAR, DRK, OHH, MNAS, ARLS, AAK, TKM2, etc.

NOU 22 05:56:15.4, 14.47S:167.43E, h133km, ML4.1/9, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SANVU, DVP, KOUNG, MARNC, YATNC, DZM, NOUC, OUCNC, etc.

IDC 22 06:02:03.0, 1.4, 3.57N:124.77E, h294km, 15km, mb3.8/22, m1 3.9/26, mb1mx3.8/58, mbtmp4.5/26, Error ellipse: s-maj=14.8km s-min=8.0km az=74.0

DJA 22 06:02:02.0, 0.2, 4 N:3 x 12.5E, h279km, 2km, M4, 7/22, mB5.1/7, mb4.6/22, MLv5.0/12, Mw(mb)4.4/7

NEIC 22 06:02:02.6, 1.5, 3.61N:108.124, 82E.0/9, h286km, 6km, mb4.6/56, Error ellipse: s-maj=12.7km s-min=11.9km az=47.0

KLM 22 06:02:02.3, 3.50N:124.91E, h300km, mb4.8, ISC 22 06:02:03.3, 0.3, 3.56N:104.124, 81E:0.06, h300km, n135, +126/144, mb4.4/50, 2-C2D, Celebes Sea

Large table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SGSI, GMSH, KMSI, GTOI, DMPH, TINTI, MRSI, MRSI, BUKP, BUKP, TOLIZ, BISIG, LUWI, APSI, SANI, MPSI, NLAI, SWI, SIJI, MSAI, SPMM, BKB, BKB, KAPI, BKSI, BKBI, SBKI, BBUK, SAUI, SOEI, BATI, STKI, PLAI, TRWS, JAGI, GENE, MTN, KNRA, TPUB, QIZ, FITZ, FITZ, UBPT, WB0, WRA, WRA, WRA, WRO, PSA00, etc.

2015 OCT

Table with columns: Station, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PSA00, PSI, RPSI, GIRL, AS31, ASAR, CMAR, CMAR, CHTO, ENH, ENH, JWT, MORW, CD2, XAN, XAN, XAN, KRSR, FORT, MJAR, JSD, NWA0, LZH, LZH, BBOO, BBOO, SHL, SHL, STKA, STKA, HHC, HHC, HTO, HTO, BUC, BUC, USRK, USRK, GTA, GTA, COO, COO, TOO, TOO, SONM, SONM, SONM, PETK, PETK, MK31, MK31, MKAR, MKAR, MKAR, MKAR, YAK, YAK, AAK, AAK, DRK, DRK, ZAA0, ZAA0, KBL, KBL, GAR, GAR, BTK, BTK, CHGR, CHGR, KK31, KK31, KKAR, KKAR, BRVK, BRVK, TIXI, TIXI, NRIK, NRIK, ABKAR, ABKAR, ABKAR, ARU, ARU, ARU, J20K, J20K, MAW, MAW, IMAR, IMAR, VYDA, VYDA, H21K, H21K, SUSA, SUSA, KMLR, KMLR, RCOL, RCOL, RCOL, VYDA, VYDA, PMR, PMR, ILAR, ILAR, etc.

956

Table with columns: Station, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BMAR, RIDG, BCAR, BRTR, ARCES, FINES, PDAR, TXAR, etc.

IDC 22 06:34:04.1, 2.5, 6.79S:129.68E, h0km, mb4.1/5, mb1 4.4/5, mb1mx3.4/47, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=102.7km s-min=30.0km az=76.0, Banda Sea

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, MKAR, etc.

IDC 22 06:34:53.5, 1.6, 2.77S:99.740E, h0km, mb4.1/5, mb1 4.4/5, mb1mx3.8/43, mbtmp4.1/5, Error ellipse: s-maj=45.4km s-min=31.2km az=96.0

NEIC 22 06:34:55.6, 0.8, 28.0S:0.1x74.0E:0.1, h10km, 1km, mb4.6/26, Error ellipse: s-maj=20.8km s-min=18.7km az=160.0

ISC 22 06:34:55.4, 0.6, 28.0S:0.1x74.0E:0.1, h12km, n40, 0571/34, mb4.5/17, Mid-Indian Ridge

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H08S2, H08S1, H08S3, XMSI, H01W2, H01W3, H01W1, PALK, PALK, MNAI, MNAI, MBWA, MBWA, JAGI, JAGI, BOSA, BOSA, LBTB, LBTB, SRRIT, SRRIT, KMBO, KMBO, CASY, CASY, SUR, SUR, FORT, FORT, KAPI, KAPI, CMAR, CMAR, ASAR, ASAR, ASAR, ASAR, WRA, WRA, WB2, WB2, WRAB, WRAB, WBO, WBO, WR0, WR0, QSPA, QSPA, QSPA, QSPA, TWG, TWG, AAK, AAK, KK31, KK31, KKAR, KKAR, H08N1, H08N1, MKAR, MKAR, BJT, BJT, BJT, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, Tennant Creek, etc.

IDC 22 06:42:31.3:0.9, 27.92S:74.00E, h0km, mb4.1/11, mb1.4/3/11, mb1mx3.9/58, mbtmp4.1/11, MS3.9/17, Ms1.3/8/17, ms1mx3.7/43, Error ellipse: s-maj=30.9km s-min=20.2km az=71.0

NEIC 22 06:42:32.9:1.0, 27.9S:0.1:73.9E:0.1, h10km, 1km, mb4.7/46, Error ellipse: s-maj=20.3km s-min=17.9km az=246.0

ISC 22 06:42:32.9:0.5, 27.92S:0.0:74.0E:0.1, h12km, m79, +056/61, mb4.6/29, MS3.9/17, Mid-Indian Ridge

Main table of station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Diego Garcia, West Island, Christmas Island, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Wanda, Karatay Array, Port Moresby, etc.

NEIC 22 06:51:09.6:1.5, 14.41S:0.05:167.6E:0.1, h127km, 6km, mb4.4/14, Error ellipse: s-maj=20.1km s-min=6.7km az=103.0

IDC 22 06:51:13.6:6.4, 14.75S:167.30E, h142km, 46km, mb3.5/6, mb1.3/7/7, mb1mx3.4/45, mbtmp4.0/7, MS3.6/1, Ms1.3/6/1, ms1mx2.5/28, Error ellipse: s-maj=50.6km s-min=22.9km az=34.0

NOU 22 06:51:34.9:1.6:39S:167.48E, h9km, ML4.1/9, Vanuatu Islands

ISC 22 06:51:11.6:0.8, 14.57S:0.08:167.6E:0.1, h150km, n38, +157/39, mb4.2/13, Vanuatu Islands

Main table of station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SANVU, DVP, RTV, etc.

Main table of station data with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KURS, Kuram, UZB, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FRU1, KAPS Kaparalasan, KAPS Sogindy, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AKASG Malin Array Be, ARCES ARCESS Array B, BURAR Sucoovina Array, etc.

KRSC 2007:12:30.91.1, 54.45N x 161.83E, h44km, 7km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MKZ Mys Kozlova, MKZ Kizimen, KZV Tumrok D, etc.

IDC 22 07:11:04.91.0.8, 32.01N x 95.21E, h0km, mb4.0/1.0, mb1.4/1.3, mb1mx3.9/6.0, mbtmp3.9/13, ML3.4/2, MS3.5/7, Ms1.3/5.7, ms1mx3.1/4.9, Error ellipse: s-maj=36.7km s-min=15.5km az=55.0

BUI 22 07:11:04.1.0.0.31, 31.90N x 95.08E, h7km, mb4.3/4, ML3.7/8, Ms3.9/8, Ms7.3/9.7

NEIC 22 07:11:07.21.4, 32.04N x 109.95.1E, 0.1, h3km, 6km, mb4.4/22, ML4.0(BU), Error ellipse: s-maj=17.5km s-min=6.4km az=131.0

ISC 22 07:11:04.6.0.5, 32.14N x 105.95.13E, 0.05, h10km, n51, 0.1544/51, mb4.2/17, MS3.5/5, Xizang

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LSA Lhasa, LSA TANAGAR, LSA MOKOCHONG, etc.

IDC 22 07:10:42.0.2.1, 6.57S, 129.85E, h153km, 23km, mb3.9/3, mb1.3/8.7, mb1mx3.4/3.4, mbtmp4.3/7, Error ellipse: s-maj=26.9km s-min=15.9km az=73.0

ISC 22 07:10:42.0.8.0.9, 6.55S, 130.0E, 0.1, h146km, n8, 0.212/10, Banda Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SIJI Sorong, BATI Baumata, FITZ Fitzroy Crossi, etc.

NOU 22 07:43:51.1, 41.48S, 171.98E, h0km, ML3.8/4, South Island, New Zealand

WEL 22 07:43:40.2, 40.40S, 174.7E, h172km, 8km, M2.7/10, ML2.7/10, MLV2.7/10, Error ellipse: s-maj=0.0km s-min=0.0km az=166.2, Cook Strait

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DUWZ D'Urville Isla, DUWZ Nelson, NNZ Nelson, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MTW Mount Morrison, PLWZ Palliser, KHZ Kahutara, etc.

NOU 22 07:44:16.8, 43.09S, 171.19E, h11km, ML4.1/8, South Island, New Zealand

WEL 22 07:44:15.9, 40.4, 33.3 x 17.1E, h5km, M3.9/12, ML4.1/12, MLV3.9/12, Error ellipse: s-maj=0.0km s-min=0.0km az=139.5, South Island

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like INZ Incheonie, WVZ Waitaha Valley, MHZ Mount Hut, etc.

MAN 22 07:50:26.6, 19.09N, 121.60E, h42km, M3.3, ML3.1, MS2.8, 1C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SGCP Mt. Cagua, APY Conner, CVP Caliao Caves, etc.

BUI 22 07:50:26.0, 0.28, 37S, 73.31E, h25km, mb5.3/26, mb4.8/42, Ms5.1/28, Ms7.4/8/28

IDC 22 07:50:27.6, 0.4, 27.93S, 74.06E, h0km, mb4.4/27, mb1.4/5.27, mb1mx4.3/6.5, mbtmp4.4/27, MS4.5/38, Ms1.4/5/38, ms1mx4.4/4.4, Error ellipse: s-maj=15.8km s-min=12.8km az=80.0

MOS 22 07:50:29.8, 2.8, 27.90S, 74.02E, h10km, mb5.0/30, Error ellipse: s-maj=13.1km s-min=8.3km az=87.2

NEIC 22 07:50:29.9, 1.5, 27.87S, 0.074, 0E, 0.1, h10km, 1km, mb5.0/49, Error ellipse: s-maj=17.1km s-min=14.9km az=261.0

GCMT 22 07:50:29.9, 0.1, 27.79S, 0.01, 74.02E, 0.01, h12km, MW5.2/25, Moment Tensor, s125, c203, Duration: 0 Moment tensor: Scale 10^16Nm; M0=6.39t.0; M1=1.68t.10; M2=4.7t.09; M3=1.2t.34; M4=2.5t.08; M5=3.1t.30; Best double couple: M0=7.06200 x 10^16 Np1=314.00000, 838.00000, 7.119.00000. NP2=0.169.00000, 857.00000, 7.69.00000. Principal axes: T: 6.5500, P: 10.0000, N: 1.0250, P: 17.0000, Azm: 338.0000; P: 7.5750, P: 17.0000, Azm: 126.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22 07:50:29.6, 0.3, 27.97S, 0.06, 73.95E, 0.07, h12km, n186, 0.1544/172, mb5.0/63, MS4.6/47, 13C-6D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AIS Amsterdam Isla, H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like McNeill Hill, East Tamaki Re, etc.

SOME 22 13:02:46.9, 39.38N, 77.10E, h5km
BUJ 22 13:02:48.5, 0.0, 39.35N, 77.24E, h6km, mB4.4/3, mb3.7/4, ML4.2/4

KRNET 22 13:02:48.7, 0.1, 39.37N, 77.24E, h14km, mb4.3
NNC 22 13:02:52.1, 1.4, 39.54N, 77.16E, h0km, mb4.6, mpv4.2
Error ellipse: s-maj=10.1km s-min=8.3km az=147.0
IDC 22 13:02:56.8, 2.3, 40.00N, 77.23E, h0km, mb3.5/2, mb1.3/4.5, ms1mx3.2/53, mbmp3.4/5, ML2.9/3, MS3.2/5, s-min=2.4, 7km az=180.0

ISC 22 13:02:52.2, 0.3, 39.50N, 0.04, h10km, n100, 4511/136, mb4.0/3, MS3.2/3, 44C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Kashi, Ulahol, Przheval'sk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Medeo, Kurly, Kurly, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Kurly, Kurly, Kurly, etc.

IDC 22 13:12:28.1, 1.0, 37.62N, 22.10E, h0km, mb4.0/9, mb1.4/1.0, mb1mx3.8/42, mbtmp4.0/10, ML3.5/1, MS3.6/5, Ms1.3/7.5, ms1mx3.0/38, Error ellipse: s-maj=23.3km s-min=18.7km az=57.0
ATH 22 13:12:29.8, 37.58N, 22.05E, h8km, 2km, ML3.8/16, Error ellipse: s-maj=2.9km s-min=0.8km az=255.0
THE 22 13:12:29.8, 37.57N, 22.06E, h2km, 1km, ML3.9/20, Error ellipse: s-maj=1.2km s-min=0.5km az=260.0
ISC 22 13:12:29.8, 1.0, 37.57N, 0.02, 22.04E, h9km, 7km, n110, 4511/132, mb4.3/8, MS3.5/5, 9C-5D, Southern Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Ithomi, Drossia, Kalavryta, etc.

22d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUSC La Rusia, ROSC El Rosal, TUMACO Tumaco, etc.

IDC 22 17:40:08.2-4.7, 17.775N x 178.47W, h520km, 22km, mb3.3/3, mb1 3.4/4, mb1mx3.0/43, mbtmp4.2/4, Error ellipse: s-maj=108.5km s-min=70.6km az=144.0, Fiji Islands region

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

NEIC 22 17:45:08.9 1.6, 17.93N; 0.07; 147.0E; 0.1, h10km, 1km, mb4.7/56, Error ellipse: s-maj=22.7km s-min=11.0km az=102.0

IDC 22 17:45:11.8-6.3, 17.94N; 147.10E, h33km, 47km, mb4.2/18, mb1 4.4/19, mb1mx4.1/60, mbtmp4.4/19, ML4.4/1, MS4.1/1, MS1.4/1, ms1mx3.2/31, Error ellipse: s-maj=22.7km s-min=13.7km az=89.0

ISC 22 17:45:13.0-0.5, 17.89N; 0.06; 147.18E; 0.1, h50km, m105, o=122/107, mb4.7/43, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, PATS Pohpeip, H1S13 WAKE ISLAND Hy, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSAR Wonju Array Be, USRK Ussuriysk Arr, WARRAMUNGA Arr, etc.

968

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

BTLS	Baital	comp=Z,25nm,1.2s	65.69 312	eP	P	17 58 26.0	-2.0	GEYT	Alibeck	comp=Z,29nm,1.1s	78.48 306	P	P	17 59 44.3	-0.3	SHME	Shamm	SNR=7.2	83.19 295	P	P	18 00 10.4	+0.4
BTLS	Baital	comp=Z,19nm,1.4s,baz=312	65.69 312	eP	Pmax	17 58 25.9	-2.0	GEYT	Alibeck	comp=Z,8.5nm,1.0s,baz=61,slow=12,SNR=12	78.48 306	P	LR	18 37 43.8		BSY	Bisya	SNR=9.4	83.20 292	P	P	18 00 11.0	+0.8
LOGN	Logan Glacier	comp=Z,19nm,1.4s	65.71 31	P	P	17 58 28.1	+0.2	J04D	Umpqua Natona	comp=Z,227nm,18.9s,baz=5.0,slow=38	78.51 48	P	P	17 59 43.5	-1.5	ISA	Isabella, Lake	comp=Z,14nm,1.2s	83.24 55	P	Pmax	18 00 09.1	-1.1
EK2S	Erkin-Say	SNR=5.6	65.97 309	P	P	17 58 30.1	+0.2	L04D	Klamath Falls	baz=284	78.61 49	P	P	17 59 44.8	-0.7	ISA	Isabella, Lake	baz=17,SNR=5.5	83.24 55	P	P	18 00 09.1	-1.1
BVCY	Beaver Creek	baz=263	65.98 29	P	P	17 58 27.9	-1.6	N02D	Trinity Center	baz=284	78.62 51	P	P	17 59 43.9	-1.5	ISA	Isabella, Lake	SNR=5.5	83.24 55	P	P	18 00 09.5	-0.7
AML	Almayashu	SNR=5.4	66.05 309	iP	P	17 58 31.5	+0.7	O02D	Mt. Diablo Mer	baz=284	78.75 51	P	P	17 59 44.6	-1.5	CWC	Cottonwood Cre	SNR=5.5	83.31 54	P	P	18 00 10.0	-0.7
YUK3	Yukone Creek	baz=263	66.08 30	P	P	17 58 28.3	-2.1	WDC	Whiskeytown Da	baz=284	78.83 51	P	P	17 59 44.9	-1.6	MASF	Masafi	SNR=7.0	83.37 294	P	P	18 00 11.8	+0.8
EGAK	Eagle	comp=Z,21nm,1.2s	66.18 26	P	Iamb	17 58 29.5	-1.2	WDC	Whiskeytown Da	comp=Z,38nm,1.4s	78.83 51	P	Pmax	17 59 44.9	-1.6	MSFE	Esma-Masafi	SNR=9.3	83.38 294	iP	P	18 00 10.4	-0.6
EGAK	Eagle	baz=261	66.18 26	P	P	17 58 29.1	-1.6	WDC	Whiskeytown Da	baz=284	78.83 51	P	Iamb	17 59 51.8		SOHO	SOHO	SNR=9.5	83.40 293	iP	P	18 00 10.4	-0.7
BRZS	Berezni	comp=Z,25nm,1.7s,baz=317	66.56 317	eP	P	17 58 30.9	-2.5	KIRV	Kirov	comp=Z,38nm,1.4s	78.87 328	P	P	17 59 46.4	+0.2	LCH	Last Change Ra	comp=Z,21nm,1.3s	83.41 53	P	Iamb	18 00 10.0	-1.1
BRZS	Berezni	comp=Z,25nm,1.7s,baz=317	66.56 317	eP	Pmax	17 58 30.9	-2.5	KIRV	Kirov	comp=Z,39nm,1.0s,baz=68,slow=4.1,SNR=19	78.87 328	P	P	17 59 46.6	+0.3	LCH	Last Change Ra	SNR=5.5	83.41 53	P	Iamb	18 00 16.1	
OTUK	Ortayu	comp=Z,25nm,1.7s	66.80 315	P	P	17 58 33.5	-1.5	KIRV	Kirov	comp=Z,39nm,1.0s,baz=68,slow=4.1,SNR=19	78.87 328	P	P	17 59 46.6	+0.3	UOSS	Minazif	SNR=5.7	83.45 294	iP	P	18 00 10.2	-1.2
DAWY	Dawson	comp=Z,18nm,1.1s	66.84 27	P	Iamb	17 58 34.5	+0.4	M04C	Macdoel	SNR=5.7	79.06 50	P	P	17 59 46.6	-1.3	UOSS	Minazif	SNR=5.7	83.45 294	P	P	18 00 10.5	-0.9
DAWY	Dawson	baz=263	66.84 27	P	P	17 58 34.2	-0.8	J05D	Fort Rock, OR	SNR=5.7	79.12 48	P	P	17 59 47.2	-1.1	HATD	Hatta, Dubai	SNR=7.8	83.55 294	iP	P	18 00 11.6	-0.3
YUK4	Talbot Arm	baz=265	66.91 30	P	P	17 58 34.6	-1.1	B08A	Colville Reser	baz=284	79.15 43	P	P	17 59 47.5	-0.6	HATD	Hatta, Dubai	SNR=7.8	83.55 294	P	P	18 00 13.0	+1.1
NIL	Nilore	comp=Z,139nm,1.1s	67.11 300	P	Pmax	17 58 36.5	-0.8	PINE	Pine Mountain	SNR=5.5	79.20 47	P	P	17 59 47.7	-1.6	ARQ	Arqi	SNR=5.5	83.63 292	P	P	18 00 14.0	+1.6
NIL	Nilore	comp=Z,139nm,1.1s	67.11 300	P	P	17 58 36.5	-0.8	E07A	Sunnyside	SNR=5.5	79.26 45	P	P	17 59 47.3	-1.4	ASHO	Ashiyah	SNR=5.5	83.66 294	iP	P	18 00 12.0	-0.5
HYT	Haines Junction	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	67.42 31	P	P	17 58 38.1	+0.7	O03E	Paynes Creek	baz=284	79.45 51	P	P	17 59 49.1	-0.9	ASHO	Ashiyah	SNR=5.5	83.66 294	iP	P	18 00 13.0	+0.6
HYT	Haines Junction	baz=266	67.42 31	P	P	17 58 37.2	-1.6	K05A	Summer Lake	SNR=5.5	79.50 49	P	Iamb	17 59 44.8	-2.0	ARCES	ARCES Array B	comp=Z,12nm,0.8s,baz=58,slow=3.2,SNR=22	83.66 342	P	P	18 00 11.4	+0.3
DRK	Karamyk	comp=Z,30nm,1.1s	67.67 306	P	Iamb	17 58 40.9	-0.2	HAWA	Hanford	SNR=5.5	79.52 45	P	P	17 59 48.9	-1.3	ARCES	ARCES Array B	SNR=5.5	83.66 342	P	P	18 00 12.1	-1.0
DRK	Karamyk	comp=Z,30nm,1.1s	67.67 306	P	Iamb	17 58 40.9	-0.2	D08A	Woolman Farm,	SNR=5.5	79.75 44	P	Iamb	17 59 56.5		HLID	Halley	SNR=5.5	83.81 46	Iamb	Iamb	18 00 18.2	
BVAR	Borovyoye Array	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	67.97 321	P	P	17 58 41.1	-1.2	PRGR	Pergomore	comp=Z,36nm,1.4s	79.78 332	iP	P	17 59 51.8	+0.6	HLID	Halley	comp=Z,16nm,1.3s	83.81 46	P	P	18 00 12.2	-1.0
BRVK	Borovyoye	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	68.03 321	iP	P	17 58 41.8	-0.8	E08A	Dider Farm, EI	SNR=5.5	79.81 44	P	Iamb	17 59 51.9	+0.3	EDW2	Edwards Air Fo	baz=288,SNR=9.7	83.84 55	P	P	18 00 13.2	-0.1
BRVK	Borovyoye	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	68.03 321	iP	Pmax	17 58 41.8	-0.8	E08A	Dider Farm, EI	comp=Z,34nm,1.4s	79.86 52	P	P	17 59 51.0	-1.1	LRMC	Laurel Mtn Rd	SNR=5.9	83.91 55	P	P	18 00 13.3	-0.4
BRVK	Borovyoye	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	68.03 321	iP	Pmax	17 58 41.8	-0.8	ORV	Oroville	comp=Z,30nm,1.1s	79.86 52	P	Iamb	17 59 56.9		NAZ	Nazwa, Dubai	SNR=6.3	83.91 294	P	P	18 00 12.7	-1.1
BRVK	Borovyoye	comp=Z,25nm,0.6s,baz=134,slow=6.4,SNR=31	68.03 321	iP	Pmax	17 58 41.8	-0.8	ORV	Oroville	comp=Z,30nm,1.1s	79.86 52	P	Iamb	17 59 56.9		NAZ	Nazwa, Dubai	SNR=6.3	83.91 294	P	P	18 00 15.0	+1.2
KK31	Karatay Array	comp=Z,23nm,0.8s	68.33 310	iP	P	17 58 44.3	+0.5	RES	Resolute Bay	comp=Z,23nm,1.1s	79.89 14	P	Pmax	17 59 52.0	+0.4	FAQ	Al Faqa, Dubai	SNR=7.0	84.04 294	iP	P	18 00 14.2	-0.2
KK31	Karatay Array	comp=Z,23nm,0.8s	68.33 310	iP	P	17 58 44.3	+0.5	RES	Resolute Bay	comp=Z,12nm,1.0s	79.89 14	P	P	17 59 52.0	+0.4	FAQ	Al Faqa, Dubai	SNR=7.0	84.04 294	iP	P	18 00 17.0	+2.6
KK31	Karatay Array	comp=Z,23nm,0.8s	68.33 310	iP	Iamb	17 58 43.1	-1.7	C08A	Chrisman Ranch	SNR=5.5	79.98 43	P	P	17 59 51.4	-1.3	ALNE	Al Ain	SNR=6.2	84.10 293	iP	P	18 00 14.3	-0.4
KKAR	Karatay Array	comp=Z,25nm,0.9s	68.33 310	P	Pmax	17 58 43.3	-1.5	I07A	Izze	SNR=5.5	80.13 47	P	P	17 59 51.9	-1.7	ALNE	Al Ain	SNR=7.5	84.10 293	P	P	18 00 14.8	-0.8
KKAR	Karatay Array	comp=Z,25nm,0.9s	68.33 310	P	Pmax	17 58 43.3	-1.5	MOD	Modoc Plateau	SNR=5.5	80.14 49	P	Iamb	17 59 52.8	-1.1	ELK	Elko	SNR=20	84.12 49	P	P	18 00 14.8	0.0
KKAR	Karatay Array	comp=Z,25nm,0.9s	68.33 310	P	P	17 58 43.2	-1.5	G08A	Gora Nord	comp=Z,31nm,1.2s	80.19 46	P	P	17 59 53.1	-0.9	ELK	Elko	comp=Z,16nm,1.1s,baz=284,slow=3.2,SNR=22	84.12 49	P	P	18 00 14.2	-0.6
KKAR	Karatay Array	comp=Z,25nm,0.9s	68.33 310	P	Iamb	17 58 42.9	-1.9	NOR	Nord	comp=Z,21nm,1.5s	80.36 358	iP	Pmax	17 59 57.9	+3.9	ELK	Elko	SNR=20	84.12 49	P	P	18 00 14.2	-0.6
BTk	Batken	comp=Z,25nm,0.9s	68.37 307	P	Pmax	17 58 43.9	-1.3	NOR	Nord	comp=Z,21nm,1.5s	80.36 358	iP	Iamb	17 59 59.2		ELK	Elko	comp=Z,24nm,1.2s	84.12 49	P	Iamb	18 00 20.3	
BTk	Batken	comp=Z,30nm,1.4s	68.37 307	P	Iamb	17 58 43.9	-1.3	E09A	Wood Farm, Sta	comp=Z,21nm,1.5s	80.41 44	P	P	17 59 54.1	-0.8	NEEM	North Greenlan	comp=Z,24nm,1.1s	84.26 4	iP	Iamb	18 00 17.4	
BTk	Batken	comp=Z,30nm,1.4s	68.37 307	P	Iamb	17 58 43.9	-1.3	E09A	Wood Farm, Sta	comp=Z,44nm,1.4s	80.59 42	P	P	17 59 56.1	+0.1	BFSC	Mount Baldy Ra	baz=288	84.30 56	P	P	18 00 15.3	-0.4
GAR	Garm	comp=Z,30nm,1.4s	68.87 306	P	P	17 58 47.1	-1.2	NEW	Newport	comp=Z,15nm,1.1s,baz=287,slow=4.7,SNR=9.4	80.59 42	P	P	17 59 55.4	-0.6	ASUD	Al Ashush, Dub	SNR=6.2	84.31 294	P	P	18 00 15.4	-0.3
POO	Poona	comp=Z,25nm,0.9s	69.13 283	eP	P	17 58 49.0	-1.1	NEW	Newport	comp=Z,34nm,1.3s	80.59 42	P	Pmax	17 59 55.4	-0.6	LRM	Linekin Ridge	SNR=6.6	84.39 44	P	P	18 00 14.5	-1.6
INK	Inuvik	comp=Z,8.1nm,1.0s,baz=243,slow=6.7,SNR=6.8	69.58 23	eP	P	17 58 52.4	+0.4	NEW	Newport	comp=Z,34nm,1.3s	80.59 42	P	Iamb	18 00 01.0		QSM	Queen of Sheba	SNR=6.6	84.39 54	Iamb	Iamb	18 00 20.9	
INK	Inuvik	comp=Z,8.1nm,1.0s,baz=243,slow=6.7,SNR=6.8	69.58 23	eP	Iamb	17 58 52.3	+0.4	NEW	Newport	comp=Z,34nm,1.3s	80.59 42	P	Iamb	18 00 01.0		GWY	Greenwater Val	comp=Z,28nm,1.3s	84.48 54	P	Iamb	18 00 13.0	-3.6
INK	Inuvik	comp=Z,18nm,1.2s	69.58 23	P	P	17 58 51.0	-1.0	NEW	Newport	comp=Z,34nm,1.2s	80.59 42	P	P	17 59 55.2	-0.7	GWY	Greenwater Val	SNR=5.5	84.48 54	P	Iamb	18 00 21.4	
P33M	Teslin, Yukon	baz=267	69.72 32	P	P	17 58 51.9	-1.2	BEKR	Beckworth	comp=Z,27nm,1.1s	80.63 51	P	Iamb	17 59 54.9	-1.6	R11A	Troy Canyon, C	comp=Z,30nm,1.4s	84.62 52	P	Iamb	18 00 16.1	-1.2
CHGR	Chuyangon	comp=Z,25nm,0.9s	69.81 305	P	P	17 58 52.2	-1.8	BEKR	Beckworth	comp=Z,27nm,1.1s	80.63 51	P	Iamb	17 59 54.9	-1.6	R11A	Troy Canyon, C	SNR=14	84.62 52	P	Iamb	18 00 22.5	
MMPF	Sheldon Lake,	baz=271	70.43 29	P	P	17 58 56.1	-1.3	MPK	Martis Peak	comp=Z,27nm,1.1s	81.03 52	P	P	17 59 56.3	-2.5	R11A	Troy Canyon, C	SNR=14	84.62 52	P	Iamb	18 00 16.7	-0.7
KBL	Kabul	comp=Z,68nm,1.2s	70.46 301	P	Pmax	17 58 56.4	-1.9	J08A	Circle Bar Ran	SNR=5.5	81.05 47	P	Iamb	17 59 57.1	-1.5	AJN	Ajban	SNR=9.0	84.62 294	iP	P	18 00 17.3	0.0
KBL	Kabul	comp=Z,68nm,1.2s	70.46 301	P	P	17 58 56.4	-1.9	CMB	Columbia Colle	comp=Z,44nm,1.2s	81.10 53	P	Pmax	17 59 57.1	-1.8	AJN	Ajban	SNR=9.0	84.62 294	P	P	18 00 18.5	+1.1
DLBC	Dease Lake	SNR=25	71.21 33	P	P	17 59 02.5	+0.2	CMB	Columbia Colle	comp=Z,31nm,1.2s	81.10 53	P	Iamb	17 59 57.1	-1.8	GSC	Goldstone, Bar	baz=288,SNR=8.4	84.64 55	P	P	18 00 16.6	-0.7
DLBC	Dease Lake	comp=Z,18nm,1.1s,baz=269,slow=7.6,SNR=7.5	71.21 33	P	P	17 59 02.0	-0.2	CMB	Columbia Colle	comp=Z,31nm,1.2s	81.10 53	P	Iamb	18 00 03.8		MAK	Makhachkala	SNR=8.4	84.82 313	eP	P	18 00 11.7	-6.2
DLBC	Dease Lake	comp=Z,18nm,1.1s,baz=269,slow=7.6,SNR=7.5	71.21 33	P	Iamb	17 59 02.0	-0.2	WVOR	Wild Horse Val	comp=Z,31nm,1.2s	81.19 48	P	P	17 59 57.3	-2.1	MAK	Makhachkala	SNR=8.4	84.82 313	eP	P	18 10 31.3	
PPT	Papeete	comp=Z,30nm,1.2s	71.53 116	LR	LR	18 22 38.9		WVOR	Wild Horse Val	comp=Z,36nm,1.3s	81.19 48	P	Pmax	17 59 57.3	-2.1	MAK	Makhachkala	SNR=8.4	84.82 313	eP	P	18 10 16.6	
PPT2	Papeete2	comp=Z,22nm,19.7s,baz=304,slow=29	71.53 116	eS	S	18 08 21.6	-0.7	WVOR	Wild Horse Val	comp=Z,36nm,1.3s	81.19 48	P	Iamb	18 00 04.4		MAK	Makhachkala	SNR=8.4	84.82 313	eP	P	18 19 41.0	
PPT2	Papeete2	comp=Z,1,1um,26.0s	71.54 116</																				

22d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABC, BOJS, CRES, CEY, BOSS, SOKA, OBKA.

IDC 22 22:10:11.8:1.3, 53:84N-108:78E, h0km, mb3.3/3, mb1 3.4/8, mb1mx3.3/64, mbtmt3.3/8, ML2.9/4, Error ellipse: s-maj=29.1km s-min=15.2km az=138.0

BYKL 22 22:10:14.2:0.1, 53:62N-108:83E, h26km, 2km, ISC 22 22:10:13.0:0.1, 53:69N-102:108.97E, 0.02, h15km, 8km, n41, az=11/100, mb3.2/3, 3C, Lake Baykal region

Main table for 22d 22h section, listing various stations and their parameters. Includes stations like MXMB, SYVR, OGRR, YLYR, TRG, FFNB, NIZ, KAB, STDB, HRMR, KMO, BGT, YOA, LSTR, IRK, CIT, UKT, IVK, SVKR, TLY.

2015 OCT

Table for 2015 OCT section, listing stations like TLY, ARS, KPC, NLYR, ZAK, BOD, MOY, ORL, SONM, VTMR, CRS, TUP, KNGR, KZLR, IENR, MKAR, KURBB, TIXI, BVAR, ILAR, ASAR.

NOU 22 22:25:51.2, 14:12S-167:19E, h147km, ML3.9/6, Vanuatu Islands, Vanuatu Islands

Table for NOU section, listing stations like SANVU, DVP, YATNC.

IDC 22 22:51:16.3:2.0, 5:27S-68:50E, h0km, mb3.7/5, mb1 3.8/5, ms1mx2.9/30, Error ellipse: s-maj=60.1km s-min=35.7km az=48.0, Chagos Archipelago region

Table for IDC section, listing stations like PALK, PSI, CMAR, BOSA, H01W3, H01W2, H01W1, MKAR, ZALV, SONM, WRA, ESDC.

JMA 22 22:55:23.6:0.1, 24:11N-122:37E, h51km, 4km, M1.4, Taiwan region

Table for JMA section, listing stations like JYNG, YJO, IRIF, JKRS, JIJ, JISG.

TAP 22 22:56:09.4, 23:29N-121:47E, h47km, 1km, ML2.2, D, 976

Main table for TAP section, listing stations like FULB, YULB, HGSD, CHKT, EHY, EDH, EGFH, ELDTW, ELDTW, ESL, TWGBT, TWG, ALS, STYH, TPUB, SMLT, CHNS, WTP, CHN4, CHGB, CHGB, SLGT, WHF, CHN1, TWK, FUSS, WHP, YHNB, YHNB, NSK, NSK.

NEIC 22 22:59:23.2:2.0, 51:04N-0:07x174:7E, 0:1, h10km, 2km, mb4.1/27, Error ellipse: s-maj=17.5km s-min=4.7km az=226.0

IDC 22 22:59:27.6:1.4, 51:58N-175:63E, h0km, mb3.7/5, mb1 2.9/6, mb1mx3.5/49, mbtmt3.7/6, ML2.5/1, MS2.6/1, s-maj=2.6/1, ms1mx2.4/35, Error ellipse: s-maj=42.3km s-min=29.6km az=10.0

ISC 22 22:59:31.6:0.9, 51:6N-0:1x175:40E, 0:06, h21km, n52, az=153/44, mb4.0/11, Rat Islands

Table for ISC section, listing stations like SMY, AMKA, ADK, GSTR, ATKA, PETK, PETK, FALS, ANM, CHIR, P19K, S19K, N19K, Q19K, P19K, M19K, KDCA, K20K, J20K, CNPM, BRK, SKT, SUA, IMAR, H21K, SCM, FID.

22d 23h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NV11, LHV, BRLK, KDAK, KDKA, etc.

2015 OCT

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like COLA, TCOL, KTH, POKR, etc.

2015 OCT

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PV21, PV23, PV10, etc.

SFX	San Felipe	22.67	144	P	P	23 12 40.0	-0.2
SFX	Trinidad	22.74	117	P	P	23 12 41.3	+0.1
T25A	Trinidad	22.74	117	P	P	23 12 41.5	+0.4
T25A	O'Neill	22.78	99	P	P	23 12 41.2	-0.1
F33A	5 Mile Ranch	22.82	89	P	P	23 12 41.9	+0.2
ANMO	Albuquerque	23.23	124	P	P	23 12 45.3	-0.8
ANMO	Albuquerque	23.23	124	P	P	23 12 46.2	0.0
ANMO	Albuquerque	23.23	124	P	P	23 12 46.2	0.0
TUC	Tucson	23.23	135	P	P	23 12 46.9	+0.8
B35A	Bob, Littlefor	23.50	82	P	P	23 12 48.4	-0.2
B35A	Bob, Littlefor	23.50	82	P	P	23 12 48.4	-0.2
ECSD	EROS Data Cent	23.57	94	P	P	23 12 49.2	-0.2
ECSD	EROS Data Cent	23.57	94	P	P	23 12 49.2	-0.2
ECSD	EROS Data Cent	23.57	94	P	P	23 12 49.2	-0.2
BGNE	Belgrade	23.82	101	P	P	23 12 51.6	-0.2
SOLO	Sioux Lookout	24.02	77	P	P	23 12 52.7	-0.9
CBKS	Cedar Bluff	24.38	108	P	P	23 12 57.6	+0.5
CBKS	Cedar Bluff	24.38	108	P	P	23 12 57.6	+0.5
121A	Cookes Peak, D	24.46	130	P	P	23 13 00.5	
121A	Cookes Peak, D	24.46	130	P	P	23 12 58.5	+0.5
F36A	Milaca	24.57	87	P	P	23 12 57.7	-1.0
F36A	Milaca	24.57	87	P	P	23 13 07.5	
EYMN	Ely	25.05	81	P	P	23 13 02.6	-0.4
EYMN	Ely	25.05	81	P	P	23 13 01.8	-1.2
SPMN	Marine on St.	25.30	88	P	P	23 13 05.5	+0.1
SPMN	Marine on St.	25.30	88	P	P	23 13 17.2	
E38A	The Farm, Brul	25.52	84	P	P	23 13 06.9	-0.3
E38A	The Farm, Brul	25.52	84	P	P	23 13 03.0	
N35A	Tabor	25.59	99	P	P	23 13 08.9	0.0
AMTX	Amarillo	25.60	117	P	P	23 13 10.7	-0.2
AMTX	Amarillo	25.60	117	P	P	23 13 11.0	0.0
MSTX	Muleshoe	25.96	120	P	P	23 13 10.3	-1.2
MSTX	Muleshoe	25.96	120	P	P	23 13 25.0	
HSIG	HSIG	26.00	139	P	P	23 13 11.3	-0.5
HSIG	HSIG	26.00	139	P	P	23 13 20.5	
KSU1	Kansas State U	26.12	103	P	P	23 13 13.2	+0.4
MNTX	Cornudas Mount	26.33	127	P	P	23 13 14.5	-0.3
MNTX	Cornudas Mount	26.33	127	P	P	23 13 23.3	
MNTX	Cornudas Mount	26.33	127	P	P	23 13 15.7	+0.9
U32A	Winter Ranch,	26.41	111	P	P	23 13 15.9	+0.5
U32A	Winter Ranch,	26.41	111	P	P	23 13 24.4	
K38A	Parkersburg	26.55	93	P	P	23 13 16.9	+0.3
T35A	Sooner Cattle	27.55	107	P	P	23 13 25.4	-0.3
WMOK	Wichita Mounta	27.67	113	P	P	23 13 26.2	-0.6
WMOK	Wichita Mounta	27.67	113	P	P	23 13 33.2	
WMOK	Wichita Mounta	27.67	113	P	P	23 13 27.2	+0.3
P38A	Dawn	27.72	99	P	P	23 13 26.9	-0.3
P38A	Dawn	27.72	99	P	P	23 13 33.6	
OKCFA	Oklahoma City	27.99	111	P	P	23 13 29.4	-0.2
JFWS	Jewell Farm	28.02	91	P	P	23 13 30.3	+0.5
JFWS	Jewell Farm	28.02	91	P	P	23 13 42.5	
F42A	Maple Grove Fa	28.03	84	P	P	23 13 29.0	-0.9
F42A	Maple Grove Fa	28.03	84	P	P	23 13 36.9	
RES	Resolute Bay	28.06	19	P	P	23 13 30.5	+0.7
RES	Resolute Bay	28.06	19	P	P	23 13 29.4	-0.4
RES	Resolute Bay	28.06	19	P	P	23 13 48.1	
FNO	Franklin	28.13	111	P	P	23 13 31.5	+0.6
TX32	Lajitas Array	29.11	127	P	P	23 13 40.2	+0.4
TX32	Lajitas Array	29.11	127	P	P	23 13 48.2	
TXAR	Lajitas Array	29.11	127	P	P	23 13 40.0	+0.2
TXAR	Lajitas Array	29.11	127	P	P	23 26 06.6	
TXAR	Lajitas Array	29.11	127	P	P	23 13 39.5	-0.3
Z35A	Perchaven, San	29.56	113	P	P	23 13 42.8	-0.8
MGM0	Mountain Grove	30.01	102	P	P	23 13 47.7	+0.1
MGM0	Mountain Grove	30.01	102	P	P	23 13 54.4	
U40A	Yellville	30.15	104	P	P	23 14 03.4	
U40A	Yellville	30.15	104	P	P	23 13 48.3	-0.6
JCT	Junction City	30.24	120	P	P	23 13 49.1	-0.6
JCT	Junction City	30.24	120	P	P	23 13 54.7	
JCT	Junction City	30.24	120	P	P	23 13 48.9	-0.8
W39A	Magazine	30.34	107	P	P	23 13 50.5	0.0
FCAR	Ozark Folk Cen	30.91	104	P	P	23 13 54.8	-0.7
FCAR	Ozark Folk Cen	30.91	104	P	P	23 14 02.5	
MIAR	Mount Ida	30.91	107	P	P	23 13 56.1	+0.5
MIAR	Mount Ida	30.91	107	P	P	23 13 58.7	
MIAR	Mount Ida	30.91	107	P	P	23 13 55.4	-0.1
W41B	Gary Mavity, V	31.30	105	P	P	23 13 59.0	+0.1
P48A	Milroy	32.94	92	P	P	23 14 12.6	-0.8
P48A	Milroy	32.94	92	P	P	23 14 29.7	
OXF	Oxford	33.48	103	P	P	23 14 17.2	-0.9
OXF	Oxford	33.48	103	P	P	23 14 17.3	-0.8
PLAL	Pickwick Lake	34.01	101	P	P	23 14 27.6	
ALSO	Alum Creek Sta	34.06	89	P	P	23 14 22.0	-1.1
LRCL	Lakeview Retre	35.96	103	P	P	23 14 38.6	-0.9
SCHO	Schefferville	37.27	58	LR	LR	23 28 46.1	
NEEM	North Greenlan	38.74	20	P	P	23 15 06.4	+3.5
NEEM	North Greenlan	38.74	20	P	P	23 15 12.3	
SEY	Seymchan	41.51	318	P	P	23 15 26.4	+0.6
PETK	Petrovayovsk-	42.91	302	P	P	23 15 38.5	+1.1
PETK	Petrovayovsk-	42.91	302	P	P	23 31 56.1	
SUMG	Summit	43.03	26	P	P	23 15 41.0	+2.5
SUMG	Summit	43.03	26	P	P	23 15 47.8	
NOR	Nord	43.39	11	eP	P	23 15 44.9	+4.0
NOR	Nord	43.39	11	eP	P	23 15 49.9	
DAG	Denmarks Havn	45.73	17	iP	P	23 16 02.2	+2.6
TIXI	Tiksi	46.10	334	P	P	23 16 04.4	+1.9
DBG	Daneborg	46.81	21	iP	P	23 16 10.2	+2.1
DBG	Daneborg	46.81	21	iP	P	23 16 14.5	
BBSR	BB Station	50.49	85	P	P	23 16 35.4	-1.5
NR1K	Noril'sk	57.12	345	P	P	23 17 26.0	+1.1
NR1K	Noril'sk	57.12	345	P	P	23 34 18.8	
NR1K	Noril'sk	57.12	345	P	P	23 17 25.6	+0.7
H1N2	WAKE ISLAND Hy	58.00	262	T	T	00 20 04.6	

H1N3	WAKE ISLAND Hy	58.01	262	T	T	00 20 04.7	
H1N1	WAKE ISLAND Hy	58.02	262	T	T	00 19 57.3	
ARCES	ARCCESS Array B	58.72	10	P	P	23 17 36.7	+0.5
ARCES	ARCCESS Array B	58.72	10	P	P	23 43 32.0	
H1S1	WAKE ISLAND Hy	59.03	261	T	T	00 21 19.6	
H1S2	WAKE ISLAND Hy	59.05	261	T	T	00 21 31.1	
H1S3	WAKE ISLAND Hy	59.05	261	T	T	00 21 39.1	
TAOE	Nuku Hiva Isla	59.99	192	eLR	LR	23 35 24.4	
TAOE	Nuku Hiva Isla	59.99	192	eT	T	00 22 23.2	
USRK	Ussuriysk Arr	61.80	306	P	P	23 17 57.9	+0.3
USRK	Ussuriysk Arr	61.80	306	P	P	23 45 08.3	
USRK	Ussuriysk Arr	61.80	306	P	P	23 17 57.5	-0.1
MJAR	Matsushiro Arr	63.78	296	P	P	23 18 12.1	+1.1
MJAR	Matsushiro Arr	63.78	296	P	P	23 41 42.5	
NOA	NORSAR Array B	64.32	20	P	P	23 18 16.1	+2.0
NOA	NORSAR Array B	64.32	20	P	P	23 46 31.6	
RUSC	La Rusia	64.92	113	P	P	23 18 18.0	-1.2
ROSC	EI Rosal	65.05	115	LR	LR	23 50 50.3	
OTAV	Otavalo	66.52	121	P	P	23 18 28.9	-0.5
OTAV	Otavalo	66.52	121	P	P	23 18 34.2	
FINES	FINES5 Array B	66.55	12	P	P	23 18 30.4	+1.9
FINES	FINES5 Array B	66.55	12	P	P	23 46 47.5	
PMOR	Pomariario Re	67.30	199	eT	T	00 31 29.9	
VAH	Vaihoo	68.48	198	eT	T	00 31 42.8	
KLMR	Klimovskoe	68.45	5	eP	AMP	23 18 49.8	
KLMR	Klimovskoe	68.45	5	eP	AMP	23 45 28.1	
KSR5	Korea Array	68.80	303	LR	LR	23 45 28.1	
TIAR	Tiarei	70.09	200	eT	T	23 40 58.4	
PPT	Papeete	70.15	200	LR	LR	23 40 28.5	
PPT2	Papeete2	70.17	200	eLR	LR	23 40 07.9	
PPT2	Papeete2	70.17	200	eT	T	00 35 04.2	
SOMN	Songino Array	70.52	323	P	P	23 18 56.4	+2.6
SOMN	Songino Array	70.52	323	P	P	23 50 11.7	
ZALV	Zalesovo Beam	71.69	339	P	P	23 19 02.5	+2.0
ZALV	Zalesovo Beam	71.69	339	P	P	23 55 41.2	
ZALV	Zalesovo Beam	71.69	339	P	P	23 18 59.7	-0.8
ARU	Arutua	72.68	355	P	P	23 19 08.1	-0.1
BRVK	Borovyoe	75.19	348	pP	P	23 19 24.0	+3.1
DPC	Dobruska-Polom	75.29	22	eP	P	23 19 19.4	-2.5
KHC	Kasperske Hory	75.75	24	eP	P	23 19 24.2	-0.3
GERES	GERESS Array B	76.04	24	P	P	23 19 28.2	+2.0
GERES	GERESS Array B	76.04	24	P	P	23 54 58.9	
GERES	GERESS Array B	76.04	24	P	P	23 19 25.8	-0.5
CKRC	Cesky Krumlov	76.22	23	eP	P	23 19 34.4	+2.2
AKAGS	Malin Array Be	77.41	13	P	P	23 19 34.4	+0.6
AKAGS	Malin Array Be	77.41	13	P	P	23 54 29.8	
AKAGS	Malin Array Be	77.41	13	P	P	23 19 34.2	+0.3
AKAGS	Malin Array Be	77.41	13	P	P	23 19 41.9	
NJ2	Nanjing	77.70	306	eP	pmax	23 19 34.8	-1.0
NJ2	Nanjing	77.70	306	eP	pmax	23 19 39.9	+0.7
ESDC	Sonsea Array	78.32	40	P	P	23 19 41.7	-0.7
MKAR	Makanchi Array	78.94	338	P	P	23 58 42.7	
MKAR	Makanchi Array	78.94	338	P	P	23 19 43.6	+0.8
MAKZ	Makanchi	79.01	338	P	P	23 19 47.7	-0.6
ABKAR	Abkumal array	80.04	353	P	P	23 19 51.4	+1.5
WMQ	Urulqai	80.29	333	eP	pmax	23 19 54.1	+1.5
WMQ	Urulqai	80.29	333	eP	pmax	23 19 58.5	+2.6
WMQ	Urulqai	80.29	333	eP	pmax	23 00 02.2	
KBZ	Khabaz	85.72	5	LR	LR	00 02 17.0	
LPAZ	La Paz	85.83	122	P	P	23 20 17.7	-1.7
LPAZ	La Paz	85.83	122	P	P	00 04 03.2	
VAE	Valguarnera	86.75	28	LR	LR	00 00 48.7	
KEST	Kesra	86.76	32	LR	LR	00 00 27.8	
BTK	Batken	87.77	344	P	P	23 20 28.6	+0.4
BRTR	Reskin Array B	88.79	13	LR	LR	00 01 41.4	
GAR	Garm	88.89	344	P	P	23 20 33.2	-0.3
GNI	Garni	89.39	4	LR	LR	00 05 10.2	
DZM	Mont Dzumac	91.49	236	eLR	LR	23 49 54.7	
IDI	Anoyia	91.54	20	LR	LR	00 05 03.5	
BDFB	Brasilia	96.97	106	LR	LR	00 07 57.6	
CPUV	Villa Florida	99.82	120	LR	LR	00 11 29.3	
BOSA	Bosho	151.08	50	PKPbc	PKPbc	23 27 31.7	-0.5

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, I, etc.). Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, and many others.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like TIY comp=Z,44nm,0.8s, TIY comp=Z,430nm,10.8s, and many others.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like MNK comp=N,6um,17.4s, LOT comp=Z,6um,19.6s, and many others.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PABUR, FIA1, FINES, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PRA, BLEU, PPBI, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GEOL, WATA, COP, etc.

23d Oh

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

2015 OCT

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

984

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

PMOZ	Porto Moniz, M	72.75	298	eLR	LR	01 03	59.8
DY2G	Dye2	72.92	338	iP	P	00 39	08.5 +0.3
DBIC	Dimbokro	73.89	269	P	P	00 39	13.5 -0.9
DBIC	Dimbokro	73.89	269	P	P	00 39	14.0 -0.4
DBIC	Dimbokro	73.89	269	P	P	00 39	14.0 -0.4
DBIC	Dimbokro	73.89	269	P	P	00 39	14.0 -0.4
KIC	Kosan Boka	73.94	268	eP	P	00 39	13.6 -1.1
SFJD	Kangerlussuaq	73.98	339	iP	P	00 39	13.6 -0.4
SFJD	Kangerlussuaq	73.98	339	iP	P	00 39	14.1 -0.4
A21K	Toumoudi	74.04	269	eP	P	00 39	14.1 -1.2
LIC	Lamto	74.25	268	eP	P	00 39	15.3 -1.2
JAY	Jayapura	74.27	102	P	P	00 39	17.0 +0.3
JAY	Jayapura	74.27	102	P	P	00 48	52.4 +2.5
JAY	Jayapura	74.27	102	P	P	00 39	17.3 +0.6
RD0G	Red Dog Mine	74.94	18	IAMS_20	IAMS_20	01 16	29.7
RD0G	Red Dog Mine	74.94	18	P	P	00 39	21.8 +2.2
GAMB	Gambell	74.97	24	P	P	00 39	20.7 +0.9
TNA	Tin City	75.13	21	P	P	00 39	20.9 +0.2
NUUK	Nuuk	76.14	338	iP	IAMB	00 39	25.9 -0.7
NWAO	Narrogin (SRO)	76.44	141	P	P	00 39	27.6 -1.0
NWAO	Narrogin (SRO)	76.44	141	IAMS_20	IAMS_20	01 08	02.5
ANM	Nome	76.60	22	IAMS_20	IAMS_20	01 17	26.8
ANM	Nome	76.60	22	P	P	00 39	28.7 -0.5
TOLK	Toolik Lake Re	77.71	14	P	P	00 39	35.4 0.0
A36M	Sachs Harbour	78.09	5	IAMS_20	IAMS_20	01 18	21.6
A36M	Sachs Harbour	78.09	5	P	P	00 39	37.7 +0.3
COLD	Coldfoot	78.73	15	IAMB	IAMB	00 39	43.1
COLD	Coldfoot	78.73	15	P	P	00 39	41.1 0.0
WB0	Warramunga Arr	78.83	120	IAMB	IAMB	00 39	48.8
IMAR	Indian Mountain	78.89	17	P	P	00 39	41.5 -0.4
WRA	Warramunga Arr	78.90	121	P	P	00 39	42.0 -0.6
WRA	Warramunga Arr	78.90	121	P	P	00 49	45.8 +5.5
WRA	Warramunga Arr	78.90	121	P	P	00 58	36.2 +0.3
WRA	Warramunga Arr	78.90	121	P	P	00 39	41.6 -1.1
WRA	Warramunga Arr	78.90	121	P	P	00 39	41.6 -1.1
WRA	Warramunga Arr	78.90	121	P	P	00 39	41.7 -1.0
WB2	Warramunga Arr	78.91	120	IAMB	IAMB	00 39	49.3
GCSA	Galena City Sc	79.02	19	P	P	00 39	42.4 -0.2
WR0	Warramunga Arr	79.06	120	IAMB	IAMB	00 39	48.8
H21K	Melozitina Rive	79.39	17	IAMB	IAMB	00 39	48.2
H21K	Melozitina Rive	79.39	17	P	P	00 39	44.5 -0.2
BMAR	Burnt Mountain	79.75	13	P	P	00 39	47.3 +0.7
I21K	Tanana	79.98	17	IAMB	IAMB	00 39	51.5
I21K	Tanana	79.98	17	P	P	00 39	47.8 0.0
J20K	Nowinta River	80.21	18	IAMS_20	IAMS_20	01 20	08.0
J20K	Nowinta River	80.21	18	P	P	00 39	49.1 0.0
FYU	Fort Yukon	80.36	14	P	P	00 39	50.4 +0.6
MLY	Manley	80.41	16	IAMB	IAMB	00 39	53.6
MLY	Manley	80.41	16	IAMS_20	IAMS_20	01 19	26.1
MLY	Manley	80.41	16	P	P	00 39	49.9 -0.4
H24K	Noodor Dome	80.41	15	IAMB	IAMB	00 39	54.2
H24K	Noodor Dome	80.41	15	IAMS_20	IAMS_20	01 20	16.2
H24K	Noodor Dome	80.41	15	P	P	00 39	50.1 -0.2
I23K	Minto, Yukon-K	80.64	16	IAMB	IAMB	00 39	56.0
I23K	Minto, Yukon-K	80.64	16	IAMS_20	IAMS_20	01 20	09.4
I23K	Minto, Yukon-K	80.64	16	P	P	00 39	51.4 -0.1
INAK	Inuvik	80.77	9	P	P	00 39	52.1 +0.1
ASAR	Asik Springs	80.83	124	P	P	00 39	52.0 -1.1
ASAR	Asik Springs	80.83	124	P	P	00 50	04.6 +4.0
ASAR	Asik Springs	80.83	124	P	P	00 58	31.1 -0.7
ASAR	Asik Springs	80.83	124	P	P	01 09	01.6
K20K	Telida	80.88	19	P	P	00 39	52.7 0.0
K20K	Telida	80.88	19	IAMB	IAMB	00 39	55.9
K20K	Telida	80.88	19	IAMS_20	IAMS_20	01 21	18.7
K20K	Telida	80.88	19	P	P	00 39	52.8 0.0
CHUM	Lake Minchumin	80.94	18	P	P	00 39	52.8 -0.2
MDM	Murphy Dome	81.07	16	IAMS_20	IAMS_20	01 21	06.6
BPBW	Bear Paw Mtn.	81.11	17	P	P	00 39	53.2 -0.7
POKR	Poker Flat Res	81.12	15	P	P	00 39	54.1 +0.1
POKR	Poker Flat Res	81.12	15	P	P	00 39	50.0 -0.1
NEA2	Nenana	81.17	16	P	P	00 39	53.7 -0.6
PRP	Porcupine Dome	81.20	14	IAMS_20	IAMS_20	01 20	16.1
PRP	Porcupine Dome	81.20	14	P	P	00 39	54.6 0.0
TCOL	CIGO, UAF Yank	81.23	16	P	P	00 39	54.1 -0.4
TCOL	CIGO, UAF Yank	81.23	16	IAMB	IAMB	00 39	57.9
COLA	College	81.23	15	P	P	00 39	54.2 -0.3
COLA	College	81.23	15	P	P	00 39	54.6 +0.1
COLA	College	81.23	15	IAMB	IAMB	00 39	57.9
COLA	College	81.23	15	P	P	00 39	54.6 +0.1
CAST	Castle Rocks	81.37	18	IAMB	IAMB	00 40	00.5
CAST	Castle Rocks	81.37	18	IAMS_20	IAMS_20	01 19	47.7

CAST	Castle Rocks	81.37	18	P	P	00 39	55.0 -0.4
FORT	Forrest	81.37	133	P	P	00 39	55.5 -0.2
BWN	Brownie	81.43	16	IAMS_20	IAMS_20	00 39	56.0 +0.3
CCB	Clear Creek Bu	81.43	16	IAMB	IAMB	00 39	54.4 -1.2
WRH	Wood River Hill	81.51	16	IAMB	IAMB	00 39	58.5
WRH	Wood River Hill	81.51	16	IAMS_20	IAMS_20	01 20	24.3
IL31	Ilse	81.54	15	IAMB	IAMB	00 39	59.5
ILAR	Elielson Array	81.54	15	P	P	00 39	54.9 -1.3
KTH	Kantishina Hill	81.57	17	IAMB	IAMB	00 39	56.0 -0.6
KTH	Kantishina Hill	81.57	17	IAMB	IAMB	00 40	01.4
L19K	White Mountain	81.58	20	IAMS_20	IAMS_20	01 19	58.3
L19K	White Mountain	81.58	20	P	P	00 39	55.5 -1.1
L20K	Farewell, AK	81.63	19	P	P	00 39	56.2 -0.6
PPLA	Purkeypie	81.76	18	P	P	00 39	57.1 -0.5
TRF	Thorofare Moun	81.82	17	P	P	00 39	57.3 -0.7
TRF	Thorofare Moun	81.82	17	IAMS_20	IAMS_20	01 21	06.4
TRF	Thorofare Moun	81.82	17	P	P	00 39	57.5 -0.4
HDA	Harding Lake	81.83	15	IAMS_20	IAMS_20	01 21	29.8
HDA	Harding Lake	81.83	15	P	P	00 39	56.0 -1.8
MCK	McKinley	81.92	17	IAMB	IAMB	00 40	01.3
MCK	McKinley	81.92	17	IAMS_20	IAMS_20	01 23	17.3
MCK	McKinley	81.92	17	P	P	00 39	57.6 -0.7
M19K	Big River Lodg	81.93	20	IAMS_20	IAMS_20	01 20	08.7
M19K	Big River Lodg	81.93	20	P	P	00 39	58.8 +0.4
J25K	Galcha River	82.01	15	P	P	00 39	57.9 -0.9
SVW2	Sparrevohn	82.21	21	P	P	00 39	59.5 -0.4
RND	Reindeer	82.22	17	IAMB	IAMB	00 40	02.3
RND	Reindeer	82.22	17	IAMS_20	IAMS_20	01 22	42.0
J26L	Joseph Creek	82.50	14	P	P	00 40	01.1 -0.3
CUT	Chulitna	82.68	18	IAMB	IAMB	00 40	01.8 -0.4
CUT	Chulitna	82.68	18	IAMS_20	IAMS_20	01 21	38.4
CUT	Chulitna	82.68	18	P	P	00 40	01.6 -0.7
SKT	Skwentna	82.69	19	IAMS_20	IAMS_20	01 19	56.5
SKT	Skwentna	82.69	19	P	P	00 40	01.3 -1.0
EGAG	Eagle	82.75	13	IAMB	IAMB	00 40	06.1
EGAG	Eagle	82.75	13	P	P	00 40	02.2 -0.4
N19K	Bonanza Creek	82.77	20	IAMB	IAMB	00 40	02.5 -0.4
N19K	Bonanza Creek	82.77	20	IAMS_20	IAMS_20	01 21	19.7
N19K	Bonanza Creek	82.77	20	P	P	00 40	03.0 +0.1
DHY	Denali Highway	82.86	16	IAMB	IAMB	00 40	06.4
DHY	Denali Highway	82.86	16	P	P	00 40	02.3 -1.1
SCRK	Sand Creek	82.87	15	IAMB	IAMB	00 40	06.2
SCRK	Sand Creek	82.87	15	IAMS_20	IAMS_20	01 22	18.2
SCRK	Sand Creek	82.87	15	P	P	00 40	02.7 -0.6
RIDG	Independent Ri	82.89	15	IAMB	IAMB	00 40	01.8 -1.6
RIDG	Independent Ri	82.89	15	IAMS_20	IAMS_20	01 21	31.6
RIDG	Independent Ri	82.89	15	P	P	00 40	02.5 -0.9
NIKH	Nikolski High	82.99	32	P	P	00 40	02.7 -1.4
SPCR	Spurr Chakacha	83.13	19	P	P	00 40	03.8 -0.9
DOT	Dot Lake	83.14	15	P	P	00 40	03.6 -1.1
DOT	Dot Lake	83.14	15	IAMB	IAMB	00 40	07.2
WAT8	Susitna Watana	83.19	17	P	P	00 40	04.0 -1.2
K27K	Chicken	83.23	14	IAMS_20	IAMS_20	01 22	22.7
K27K	Chicken	83.23	14	P	P	00 40	04.7 -0.4
O19K	Port Alsworth	83.30	21	IAMS_20	IAMS_20	01 21	00.9
O19K	Port Alsworth	83.30	21	P	P	00 40	05.0 -0.4
SUA	Susitna One	83.33	19	P	P	00 40	04.8 -1.0
PAX	Paxson	83.41	16	P	P	00 40	05.8 -0.3
PAX	Paxson	83.41	16	P	P	00 40	05.8 -0.3
PAX	Paxson	83.41	16	IAMB	IAMB	00 40	10.9
PAX	Paxson	83.41	16	P	P	00 40	05.4 -0.7
GHO	Glory Hole Cre	83.56	18	IAMB	IAMB	00 40	11.1
GHO	Glory Hole Cre	83.56	18	IAMS_20	IAMS_20	01 22	15.7
P18K	Big Mountain,	83.65	22	P	P	00 40	07.0 -0.4
P18K	Big Mountain,	83.65	22	IAMB	IAMB	00 40	08.6
P18K	Big Mountain,	83.65	22	IAMS_20	IAMS_20	01 21	39.1
P18K	Big Mountain,	83.65	22	P	P	00 40	06.9 -0.4
PMR	Palmer	83.66	18	P	P	00 40	07.0 -0.3
PMR	Palmer	83.66	18	P	P	00 40	07.0 -0.3
PMR	Palmer	83.66	18	P	P	00 40	06.5 -0.8
SMR	Sawmill	83.69	17	P	P	00	

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Haines Junction, Bancroft, BCPM, BBOO, BBOO, BBOO, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like T25A, M25A, U32A, W25A, ANMO, DWPF, SJG, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like AFI, AFJ, GRZ, OZU, MARNC, etc.

BUJ 23 00:32:23.20.0.23:145s:176:26W,h93km,mB5.4/3, mb4.9/16
NEIC 23 00:32:25.8.2.1.23:71s:0:07:176:6W.0.1,h113km,22km, mb4.9/100, Error ellipse: s-maj=13.9km s-min=10.1km az=106.0
NOU 23 00:32:26.1.23:69S:176:13W,h156km,MLV6.2/67, South of Fiji Islands
IDC 23 00:32:27.3.1.2.23:63S:176:93W,h114km,10km, mb4.6/28,mb 1.4/3.9,mb 1mx4.7/4.3,mbmp5.1/34,MS3.5/7, Ms 1.3/5.7,ms 1mx3.9/3.9, Error ellipse: s-maj=10.3km s-min=9.4km az=83.0
GCMT 23 00:32:28.8.0.3.23:70S:0:02:176:73W:0.02, h115km,4km,MW5.1/102,Moment Tensor Solution. s28,c32; s102,c142; Duration: 0 Moment tensor: Scale 1016Nm; Mr:1.9e+19; Mw:1.77e+20; Mo:3.72e+18; Mo:3.39e+12; Mo:0.60e+18; Mo:1.46e+12; Best double couple: Mo:4.88600e+1016 NP1:0e+334.000000,841.000000,7.24.000000. NP2:0e+334.000000,875.000000,1.128.000000. Principal axes: T 5.3020,Plg47.0000,Azm174.0000; N -0.8210,Plg36.0000,Azm33.0000;P -4.4710,Plg20.0000,Azm267.0000. nsta 1 refers to body waves, cutoff=0s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.
ISC 23 00:32:27.7.0.5.23:72S:0:04:176:79W:0.05, h123km,4km,h123km;P-P,N321,0199/328,mb4.9/10, 33C-11D, South of Fiji Islands

Table with columns: TOO, Toolangi, 35.02 238, P, Iamb, Iamb, 00 39 08.9 +0.4, 00 39 10.7. Includes stations like Tasmania Unive, Port Moresby, Port Moresby, Stephens Creek, etc.

Table with columns: CCUT, Cedar City, 85.23 46, P, P, 00 44 50.3 -0.5, 00 44 49.5 -1.8. Includes stations like North Rim, Neumayer-Watz, Paso Flores, etc.

Table with columns: BLEU, Blekinge, 146.16 347, I/P, PKPdf, 00 51 53.5 +1.6, 00 51 53.7 +1.6. Includes stations like Suwalki, Malin Array Be, Delay, etc.

IDC 23 00:35:45.9 0.9, 29:39N:70:25E, h0km, mb4.0/13, mb1.2/216, mb1mx3.6/9, mbtm4.0/16, ML3.6/3, Error ellipse: s-maj=22.1km s-min=19.9km az=40.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Wadi Sarin, WSAR, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like YMR Madison River, ANMO Albuquerque, BNM Barren Site, TXAR Lajitas Ar, etc.

SEA 23:03:39.15.71.8, 43.54N, 0121.73W, 0.01, h3km, 7km, ML2.5/39, ML2.2/30(NEIC), Error ellipse: s-maj=1.6km s-min=1.4km az=144.0 ANF 23:03:39.15.2.0.1, 43.54N, 121.74W, h16km, 1km, ML2.6/10, Error ellipse: s-maj=1.4km s-min=1.0km az=88.0 NEIC 23:03:39.15.6.1.4, 43.53N, 0121.77W, 0.01, h9km, 6km, Error ellipse: s-maj=1.6km s-min=1.5km az=168.0 PNSN 23:03:39.15.7, 43.54N, 121.73W, h2km, MD2.5, Fault plane solution: N P 135.00000, 875.00000, 150.00000. ISC 23:03:39.15.6.1.0, 43.53N, 0121.75W, 0.02, h13km, 10km, n52, c875/63, Oregon

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like J04D Umpqua Nationa, J05D Fort Rock, OR, J05D Fort Rock, OR, J05D Fort Rock, OR, etc.

ellipse: s-maj=77.3km s-min=45.4km az=91.0 ISC 23:03:42:45.9:2.7, 6.05S, 01:147:2E, 0.4, h10km, n5, c0f85/6, Eastern New Guinea region Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC PMG Port Moresby 3.44 180 Pn Pn 03 43 40.3 +0.7 WRA Warramunga Arr 18.67 221 Pn Pn 03 47 04.5 +0.1 ASAR Alice Springs 21.75 219 S S 03 47 37.2 -0.6 FITZ Fitzroy Crossi 24.22 238 P P 03 48 03.8 +0.7 TORO Tod Ar, Bes 145.22 319 PKPbc PKPpdf 04 02 24.3 -0.7

IDC 23:04:03:27.6:1.4, 29.22N:69.96E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.4/55, mbtmp3.8/4, ML3.0/1, Error ellipse: s-maj=49.6km s-min=34.5km az=42.0 NEIC 23:04:03:31.1:2.2, 29.3N:01:1:69.9E, 0.1, h20km, 2km, mb4.4/6, Error ellipse: s-maj=17.7km s-min=14.9km az=128.0 ISC 23:04:03:31.3:0.9, 29.22N:01:70:11E:0:10, h35km, n18, c249/19, mb4.3/6, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like NIL Niore, KBL Kabul, PSYR Pluthan, WSAR Wadi Sarin, PKI Pulchoki, KAR Karatay Array, GUN Gumba, JIRN Jiri, TAPN Tapejung, KIV Kislovodsk, ZALV Zalesovo Beam, ARCES ARCES Array B, MDJ Midjanjing, WBO Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 23:04:04:15.8:0.3, 45.83S:37.12E, h0km, mb5.1/39, mb1 5.2/41, mb1mx5.1/52, mbtmp5.1/41, ML4.7/2, MS5.5/29, Ms1 5.5/29, ms1mx5.4/36, Error ellipse: s-maj=13.0km s-min=9.5km az=82.0 Bull 23:04:04:16.0:0.0, 45.97S:37.43E, h6km, mb6.0/23, mb5.5/21, Ms5.8/33, Ms7.5.6/33 NEIC 23:04:04:17.9, 45.80S:37.16E, h14km, Moment Tensor Solution. Moment tensor: Scale 1018Nm; M1:2.0; M2:0.75; M3:0.97; M4:0.02; M5:1.05; M6:0.10; Fault plane solution: M1-38000*1018 NP1:39.690000; 888.640000; 3.370000. NP2:289.610000; 886.640000; 1.178.640000. Principal axes: T 1.4722, Plg3.0000; Azm245.00000; N -0.2204, Plg86.00000; Azm42.00000; P -1.2518, Plg1.00000; Azm155.00000. NEIC 23:04:04:18.45:60S:36:86E, h12km, Moment Tensor Solution. Moment tensor: Scale 1018Nm; M1:2.0; M2:0.59; M3:0.83; M4:0.41; M5:1.13; M6:0.3; Fault plane solution: M1-41000*1018 NP1:39.195.00000; 872.00000; 1.7.00000. NP2:287.00000; 883.00000; 1.161.00000. Principal axes: T 1.4842, Plg6.0000; Azm68.00000; N -0.1578, Plg70.00000; Azm38.00000; P -1.3267, Plg18.00000; Azm153.00000. NEIC 23:04:04:18.1:1.9, 45.82S:37.2E:0.1, h10km, 1km, mb5.7/14, Ms 2.0.5/7271, Mw6.0/27, Mw6.0, Mw6.0(GCMT) Error ellipse: s-maj=15.3km s-min=13.6km az=196.0 MOS 23:04:04:18.1:2.3, 45.80S:37.17E, h10km, mb5.7/29, MS5.5/15, Error ellipse: s-maj=14.4km s-min=7.7km az=93.6 NEIC 23:04:04:21.45:64S:37:11E, h20km, Moment Tensor Solution. Moment tensor: Scale 1018Nm; M1:2.0; M2:0.68; M3:0.88; M4:0.04; M5:1.13; M6:0.25; Fault plane solution: M1-41000*1018 NP1:39.287.00000; 881.00000; 1.177.00000. NP2:17.00000; 887.00000; 1.9.00000. Principal axes: T 1.5090, Plg8.00000; Azm243.00000; N -0.2301, Plg81.00000; Azm35.00000; P -1.2790, Plg4.00000; Azm152.00000. GCMT 23:04:04:17.0:0.1, 45.85S:37:13E, h20km, MW6.0/168, Moment Tensor Solution. s153.c310; s168.c591; Duration: 2s Moment tensor: Scale 1018Nm; M1:0.162; M2:0.692; M3:0.1; M4:0.84E.01; M5:0.30E.02; M6:1.13E.01; Mw:0.17E.02; Best double couple: M1-40900*1018 NP1:39.700000; 876.00000; 1.1.00000. NP2:287.00000; 889.00000; 1.166.00000. Principal axes: T 1.4970, Plg10.00000; Azm241.00000; N -0.1800, Plg76.00000; Azm105.00000; P -1.3180, Plg9.00000; Azm333.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like IDC 23:04:04:17.0:0.1, 45.85S:37:13E, h20km, MW6.0/168, Moment Tensor Solution, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC, CRCF Crozet Islands, CRCF Crozet Islands, SUR Sutherland, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like VOI Vohitsoka, VOI Vohitsoka, MAW Mawson, MAW Mawson, MAW Mawson, etc.

Table with station names, coordinates, and signal strength (SNR) for various stations.

Station information including coordinates, signal strength, and error ellipses for stations like IDC 23 06:35:09.9, 2.5, 2.73N, 128.43E, etc.

Main table listing station names, coordinates, phases, and signal strength for stations in the Americas region.

Station information for IDC 23 06:53:09.8, 0.9, 3.37N, 84.22W, h0km, mb4.2/9, mb1 4.4/9, etc.

Station information for NEIC 23 06:53:12.1, 1.7, 3.33N, 0.09, 84.31W, h10km, 1km, mb4.5/41, etc.

Main table listing station names, coordinates, phases, and signal strength for stations in the Americas region.

Table listing station names, coordinates, phases, and signal strength for stations in the Americas region.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, Urewera, STKA, WRA, ASAR.

IDC 23 07:58:08.2, 1.2, 29.08S, 71.32W, h0km, mb3.5/3, mb1 3.6/6, mb1mx3.5/27, mbtmp3.5/6, ML3.3/3, MS2.9/1, Ms1 3.0/1, ms1mx2.5/20, Error ellipse: s-maj=53.6km s-min=20.3km az=96.0

GUC 23 07:58:14.3, 0.7, 29.02S, 71.33W, h48km, 3km, ML3.8 Error ellipse: s-maj=53.6km s-min=20.3km az=96.0

ISC 23 07:58:14.3, 1.3, 28.99S, 0.04, 71.4W, 0.1, h42km, 13km, n25, a105/24, mb3.7/3, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCO, LCO, AC04, AC04, AC04.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G004, G004, G006, G006, G006.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G003, G003, G003.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO03, CO03, CO03.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N1, H03N2, H03N3.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA4, SNA4.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S2, H1S2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S1, H1S1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N3, H1N3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N1, H1N1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N2, H1N2.

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

IDC 23 07:58:38.1, 7.0, 33.77S, 179.87E, h267km, 73km, mb3.1/3, mb1 3.2/4, mb1mx3.0/41, mbtmp3.7/4, Error ellipse: s-maj=86.8km s-min=40.7km az=90

ISC 23 07:58:38.4, 1.5, 33.65S, 0.1, 179.6E, 0.2, h250km, n9, a29/29, 10, mb3.1/3, South of Kermadec Islands

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA4, SNA4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3, VNA3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA2, VNA2.

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

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

IDC 23 08:06:03.9, 0.9, 23.22N, 123.32E, h0km, mb3.9/7, mb1 4.0/9, mb1mx3.7/63, mbtmp3.9/9, ML3.3/2, MS3.2/8, Ms1 3.2/8, ms1mx3.0/42, Error ellipse: s-maj=37.6km s-min=17.4km az=74.0

NIED 23 08:06:05.5, 23.17N, 123.43E, h58km, MW4.2, Moment Tensor Solution, s3, Moment tensor: Scale: 1015N/m; M1: 1.79, M2: 0.47, M3: 0.04; M1-0.58, M2-0.62; Fault plane solution: M2: 16000x1015 NP1: q=238.00000, r=50.00000, A: 61.00000, NP2: q=98.00000, r=48.00000, A: 120.00000

JMA 23 08:06:05.5, 0.2, 23.17N, 123.43E, h58km, M3.5 ISC 23 08:06:06.8, 1.8, 23.226N, 0.07, 123.43E, 0.06, h19km, 6km, n26, a080/31, mb3.9/7, MS3.3/6, Southwestern Ryukyu Islands

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2015 OCT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NOU 23 08:57:15.4, 17.24S, 167.21E, h4km, ML3.6/10, Vanuatu Islands, Vanuatu Islands

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

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

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

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

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

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

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

IDC 23 09:03:03.1, 1.8, 26.73N, 99.69E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.2/59, mbtmp3.2/3, Error ellipse: s-maj=75.6km s-min=27.5km az=74.0, Yunnan

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

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

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

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

IDC 23 09:15:30.6, 2.2, 17.90S, 178.03W, h530km, 27km, mb3.0/6, mb1 3.3/8, mb1mx3.0/45, mbtmp4.0/8, Error ellipse: s-maj=98.5km s-min=15.6km az=154.0

ISC 23 09:15:31.4, 1.4, 17.95S, 0.8, 178.0W, 0.4, h550km, n10, a113/9, mb3.7/6, Fiji Islands region

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

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

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

1000

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

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

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

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

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

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

KMA 23 09:28:31.6, 0.5, 37.56N, 129.32E, h6km, 4km, Error ellipse: s-maj=5.2km s-min=1.3km az=54.0, South Korea

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

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

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

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

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

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

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

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

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

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

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

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

IDC 23 09:58:43.7, 2.0, 11.96S, 166.62E, h170km, 141km, mb3.2/4, mb1 3.4/5, mb1mx3.1/31, mbtmp3.7/5, ML2.9/1, Error ellipse: s-maj=121.4km s-min=28.5km az=159.0, Santa Cruz Islands

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

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

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

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

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

HEL 23 10:00:30.1, 0.1, 67.66N, 21.04E, h0km, ML1.8, ML1.6 (UPP), Explosion, Sweden

UPP 23 10:00:29.4, 0.0, 67.64N, 21.03E, h0km, ML1.6, Explosion, Sweden

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

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

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

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

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

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

23d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U15A, TCRU, MVU, MSU, W13A, GWW, etc.

HEL 23 12:30:12.2,0.1, 67.65N:21.01E, h0km, ML1.6, ML2.2(UPP), Explosion

BER 23 12:30:13.2,1.6, 67.70N:20.93E, h0km, ML1.4, Suspected explosion

UPP 23 12:30:11.7,0.0, 67.65N:20.99E, h0km, ML2.2, ID, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA, MASU, LANU, DUNU, RATU, KOFU, etc.

IDC 23 12:36:13.4,4.6, 35.19N:139.70E, h84km,88km, M2.9/2, mb1 3.1/2, mb1mx3.4/32, mbtm3.9/7, MS3.5/1, s-maj=72.9km s-min=52.9km az=149.0

JMA 23 12:36:17.9,0.1, 35.78N:139.35E, h140km,1km, M2.6

ISC 23 12:36:16.7,1.2, 35.78N:139.35E, h149km,8km, n13, -0.82/22, Near south coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHU, JGW, JSGW, etc.

IDC 23 12:44:29.6,6.9, 141.34S:167.68E, h121km,71km, M3.5/6, mb1 3.6/7, mb1mx3.4/32, mbtm3.9/7, MS3.5/1, s-maj=70.7km s-min=33.1km az=155.0

NEIC 23 12:44:32.5,2.3, 14.59S:0.09, 167.7E:0.2, h131km,10km,

2015 OCT

mb4.0/7, Error ellipse: s-maj=24.7km s-min=13.2km az=99.0

NOU 23 12:44:34.0, 14.62S:167.40E, h132km, ML4.1/14, Vanuatu Islands

ISC 23 12:44:33.2,1.3, 14.7S:0.1x167.6E:0.1, h150km, n33, -0.160/34, mb3.8/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU, DVP, KOUNC, etc.

IDC 23 13:09:42.3, 0.9, 29.56N:70.26E, h0km, mb3.7/10, mb1 3.8/13, mb1mx3.6/45, mbtm3.7/13, ML3.5/3, Error ellipse: s-maj=24.5km s-min=18.9km az=67.0

ISC 23 13:09:43.6, 0.8, 29.6N:0.1:70.32E:0.09, h10km, n23, -0.084/22, mb3.9/10, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KYUN, POLN, DANN, etc.

ISC 23 13:19:23.5, 39.23N:26.18E, h5km, ML2.7/18

DDA 23 13:19:23.7, 39.22N:26.18E, h7km,2km, ML2.5

ATH 23 13:19:24.7, 39.25N:26.14E, h12km,1km, ML2.5/3, Error ellipse: s-maj=2.6km s-min=1.0km az=166.0

THE 23 13:19:24.9, 39.29N:26.13E, h6km,1km, ML2.6/3, Error ellipse: s-maj=1.3km s-min=0.6km az=181.0

ISC 23 13:19:24.5, 0.9, 39.24N:0.02, 26.17E:0.02, h15km,5km, n48, -0.81/72, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRK, GPNR, SGR, etc.

1002

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOZC, ZEDA, ECEA, etc.

IDC 23 13:34:43.1, 3.1, 31.14S:71.68W, h0km, mb3.2/1, mb1 3.7/4, mb1mx3.5/24, mbtm3.4/4, ML3.7/3, MS2.8/1, Ms1 3.0/1, ms1mx2.5/9, Error ellipse: s-maj=68.1km s-min=31.7km az=96.0

GUC 23 13:34:47.7, 0.6, 31.20S:71.72W, h23km,3km, ML4.0

ISC 23 13:34:47.0, 1.2, 31.21S:0.03:71.72E:0.08, h26km,11km, n19, -0.93/29, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO06, CO03, GO04, etc.

JMA 23 13:35:32.2, 0.2, 24.33N:123.75E, h15km,2km, M0.6, Southwestern Ryukyu Islands

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

TAP 23 13:35:42.8, 24.78N:122.31E, h11km, ML1.9, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSW1, TWP1, etc.

NEIC 23 13:48:24.6, 37.78N:121.96W, h5km, Moment Tensor

Solution. Moment tensor: Scale 10^13Nm; M-r=0.14; Mw=6.57; Mw1=6.71; Mw0.42; Mw5=5.66; Mw1=10.2; Fault plane solution: Mb8.73000x10^13 Np1.0x154.97000^...

NEIC 23 13:48:25.2z.1.0.3777N.02:122.01W.0.02, h17km, 1km Error ellipse: s-maj=3.0km s-min=2.0km az=143.0

NCEDC 23 13:48:24.6z.1.1.3778N.03:121.97W.0.03, h9km, 9km Mw3.2, ML2.9/66(NEIC), Error ellipse: s-maj=4.9km s-min=2.2km az=47.0, Central California

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

KRSC 23 13:52:35.4z.1.6.5050N.157.01E, h25km, 23km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists Kuril Islands seismic stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like RUS Russkaya, GRL Gorelyy, etc.

MAN 23 13:59:09.9, 11.83N, 125.99E, h18km, mb5.0, ML3.9, MS4.0

IDC 23 13:59:14.2z.2.1.9.733N.122.04E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/60, mbtmp3.6/5, Error ellipse: s-maj=295.4km s-min=22.0km az=63.0

ISC 23 13:59:13.9z.1.2.121.0N.126.01E, h35km, n11, mb3.6/5, 2C-2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MAS Maasin, LAPU-LAPU, etc.

IDC 23 14:00:09.2z.3.51.10N.176.57W, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/50, mbtmp3.8/8, MS2.9/2, Ms1 2.9/2, ms1mx2.4/47, Error ellipse: s-maj=63.6km s-min=24.1km az=169.0

NEIC 23 14:03:03.9z.1.3.51.06N.108.17E, h38W.0.07, h2km, 4km, mb3.8/10, ML3.1/17(AEIC), Error ellipse: s-maj=11.9km s-min=6.2km az=180.0

AEIC 23 14:03:04.4z.2.1.51.07N.107.17E, h36W.0.08, h41km, 9km, Error ellipse: s-maj=9.5km s-min=7.0km az=187.0

ISC 23 14:13:01.9z.0.50.99N.107.17E, h10W.0.05, h10km, n48, mb3.8/11, Andean/Olindos

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like ETKA Kagalaska Isla, ADK Adak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like IL31 Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like EGAK Eagle, DAWY Dawson, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like INK Inuvik, YAK Yakutsk, etc.

MOS 23 14:21:41.5z.0.7.43.27N.144.35E, h159km, mb4.0/1, Error ellipse: s-maj=23.7km s-min=21.8km az=163.8

SKHL 23 14:21:42.9z.0.6.43.40N.144.30E, h146km, 2km, mb4.5/8, msh5.3/6

JMA 23 14:21:42.9z.0.1.43.39N.144.35E, h17km, 1km, M3.1

IDC 23 14:21:44.1z.1.5.1.43.67N.144.41E, h151km, 17km, mb3.4/4, mb1 3.5/4, mb1mx3.0/50, mbtmp3.8/4, Error ellipse: s-maj=94.6km s-min=5.1km az=177.0

ISC 23 14:21:42.7z.0.9.43.23N.144.05E, h143E.0.04, h148km, 6km, n34, mb6.6/57, mb3.6/4, 1C, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JNK Nakash, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JAR Ashorobuto, JAK Akkeshi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JOB Kushirohamanak, JKH Abashiri-Toko, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JMP Maruseppu, RUSJ Misakicho, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like NMR Nemuro-Hokkai, NMR Nemuro-Hokkai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like GRPR Kuril'sk, GRPR Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JKA Asahikawa-asahi, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MSFV Nonsavu, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MTN Mantion Dam, KNRA Kununurra, FITZ Fitzroy Crossi, GERES GERRSS Array B, etc.

IDC 23:14:47:51.8,1.3,30.905:71.45W,h0km,mb3.8/4, mb1 3.9/9,mb1mx3.8/28,mbtmp3.7/9,ML3.5/5,MS2.8/3, MS1 2.8/3,ms1mx2.6/20, Error ellipse: s-maj=32.3km s-min=30.4km az=100.0

Main table for 23d 16h section, listing various stations and their coordinates, phases, and times. Includes stations like CO06, CO03, CO04, CO05, CO06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, SNA4 Sanae, GNSA South Pole Qui, etc.

IDC 23:15:12:11.7,9.5,30.19S:178.87W,h396km,100km, mb2/6,mb1 2.9/3,mb1mx2.7/19,mbtmp3.5/3, Error ellipse: s-maj=98.2km s-min=54.6km az=16.0

Main table for 2015 OCT section, listing various stations and their coordinates, phases, and times. Includes stations like URZ Urewera, WRA Warramunga Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, JAY Jayabaya, WRA Warramunga Arr, etc.

IDC 23:16:21:00.4,0.8,29.48N:70.29E,h0km,mb3.8/12, mb1 3.9/15,mb1mx3.7/61,mbtmp3.8/15,ML3.5/3,MS3.3/2, MS1 3.2/5,ms1mx2.7/45, Error ellipse: s-maj=20.3km s-min=18.2km az=39.0

Main table for 1004 section, listing various stations and their coordinates, phases, and times. Includes stations like PYUN Piuthan, DANN Danging, WAD Sarin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include K27K Chicken, J26L Joseph Creek, ANMO Albuquerque, TX32 Lajitas Array, TXAR Lajitas Array, TXAR PRP Porcupine Dome, DAWY Dawson, COLD Coldfoot, FARO Faro, YUR Ranch, Cre, YHL Hebgren Lake, BOZ Bozenan (W), W06 Boulder Array, PDAR Pinedale Array, H17A Grant Village, XAN Xi'an, MIMPY Sheldon Lake, I29M Ogilvie Camp, SDCO Great Sand Dun, TGNT Hyland Airport, BMAR Burnt Mountain, MAW Mawson, RLMT Red Lodge, T25A Trinidad, EPYK Eagle Plains, 833A Chaparral WMA, ABTX Abilene, Wale, CMAR Chiang Mai Arr, RSSD Black Hills, OGNB Ogallala, DGMF Dagmar, SONM Songino Array, SNA3 Sanas, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, W39A Magazine, ECSD EROS Data Cent, LRAL Lakeview Retre, WVT Waverly, KMSC Kings Mountain, O56A Blue Knob Stat, HRV Adam Dzewonski, ARCES ARCESS Array B, FINES FINESS Array B, AKASG Malin Array B, CLL Collin, DPC Dobruska-Polom, BRTR Kesklin Array B, BRTR Kesklin Array B, MORC Moravsky Berou, KECS Kecoov, PRU Prunichoe, VRAC Vranov, VYHS Vytenberg, NKC Novy Kostel, JAVC Velka Javorina, KRUC Moravsky, PBCC Pribram, KHC Kasperke Hory, CKRC Cesky Krumlov, GERES GERESS Array B, CONA Conrad Observa, MOA Molln, WATA Walderalim, WTTA Wattenberg, MOTA Moosal, SQTA Sankt Quirin, MYKA Terra Mystica, DAVA Damuels, ABTA Abfaltersbach, FETA Feichten

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BTk Batken, BTK Batken, BTK Batken, GAR Garm, GAR Garm, TAS Tashkent, TAS Tashkent, TAS Tashkent, TGS TashGRES, TGS TashGRES, CHMG Chimgan, CHRv Charvak, CHRv Charvak, DRK Karamyk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DRK baz=19, TRKS Terek-Say, TRKS baz=32, BXML Bakhmal, EXML Chuyangaron, CHGR Chuyangaron, CHGR baz=6.0, PSK PSK, PSK Pshik, DZI DZI, IUG luzhnay, IUG 2jm,0.2s, OHH Osh, OHH baz=80, OHH Osh, OHH Osh, CHM Chimkent, CHM 64nm,0.2s, BRLS Borolday, BRLS 2.5nm,0.2s, DZA Taraz, DZA 89nm,0.3s, DZA 61nm,0.1s, MNAS Manas, MNAS baz=37, KK31 Karatay Array, KK31 0.4nm,0.3s, KK31 3.9nm,0.3s, AML Almayash, AML baz=53, AML baz=53, MRKS Merke, MRKS 4.2nm,0.5s, MRKS 4.2nm,0.4s, EKS2 Erkin-Say, EKS2 baz=47, UCH Uchter, UCH baz=57, AAK Ala-Archa, AAK baz=52, AAK Ala-Archa, AAK 3.1nm,0.4s, FRU1 Bishek, FRU1 baz=51, KBK Karagaybulak, KBK baz=54, CHMS Chumysh, CHMS baz=50, USP Osenpovka, USP baz=45, TKM2 Tokmak 2, TKM2 baz=55, TKM2 Tokmak 2, TKM2 2.2nm,0.5s, TKM2 6.1nm,0.5s, KST KasteK, KST 9.3nm,0.6s, KST 12nm,0.5s, AB31 Akbulak array, AB31 1.5nm,0.7s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AEIC 23 17:11:42.21.3, NEIC 23 17:11:42.32.27.51, TKM2 Tokmak 2, TKM2 2.2nm,0.5s, TKM2 6.1nm,0.5s, KST KasteK, KST 9.3nm,0.6s, KST 12nm,0.5s, AB31 Akbulak array, AB31 1.5nm,0.7s, DRK Karamyk, DRK 1.47 119 I/P, CNPM China Pool, CNPM 13.46 47 Pn, SPTA Sait Paul Isl, SPTA 5.43 3 Pn, CNBA Chernabara Isl, CNBA 7.57 61 Pn, CHGN Chignik, CHGN 8.58 53 Pn, OHAK Old Harbor, OHAK 11.53 55 Pn, Q19K Cape Douglas, Q19K 12.08 47 Pn, KODIA Kodiak Island, KODIA 12.09 53 Pn, KDAK 0.1nm,0.3s, CNPM China Pool, CNPM 13.46 47 Pn, SPTA Sait Paul Isl, SPTA 5.43 3 Pn, BRKL Bradley Lake, BRKL 13.72 47 Pn, SEW Seward, SEW 14.52 47 Pn, PVL Port Vellis, PVL 15.35 45 Pn, GHO Glory Hole, GHO 15.53 41 Iamb, GHO comp=Z,19nm,1.5s, KTH Kantishna Hill, KTH 15.79 34 Pn, KTH 17 15 25.4 Iamb, HIN Hinchinbrook I, HIN 15.99 48 Pn, SCM Sheep Creek Mo, SCM 16.23 43 Pn, KLU Kuluina, KLU 16.68 45 Pn, N2SK Nizhna, Valde, N2SK 17.31 45 Pn, GNB Gilgahina Butte, GNB 17.59 46 Pn, CROU Cirque, CROU 17.67 49 Pn, VRDI Verde Repeater, VRDI 17.68 47 Pn, VRDI 17 15 50.1 Iamb

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WAX Waxell Ridge, ILAR Eielson Array, H24K Hoodor Dome, GRNC Granite Creek, LOGN Logan Glacier, LOGN 18.69 49 P, BMAR Burnt Mountain, HYT Haines Junction, HYT 20.28 29 P, DLBC Dease Lake, DLBC 23.95 58 P, DLBC Dease Lake, DLBC 23.95 58 Iamb, INK Inuvik, INK 24.33 33 P, INK Inuvik, INK 24.33 33 Iamb, H1S1 WAKE ISLAND Hy, H1S1 37.63 217 T, H1S2 WAKE ISLAND Hy, H1S2 37.65 216 T, H1S3 WAKE ISLAND Hy, H1S3 37.65 217 T, TXAR Lajitas Array, TXAR 53.64 87 P, CMAR Chiang Mai Arr, CMAR 75.89 292 P, ASAR Alice Springs, ASAR 89.34 229 P

THE 23 17:13:16.9, 37.90N, 20.05E, h0km, 2km, ML3.9/9, Error ellipse: s-maj=3.4km s-min=1.5km az=248.0, HLW 23 17:13:16.3, 38.03N, 20.55E, h20km, 25km, Md4.5, IDC 23 17:13:17.0, 38.08N, 20.24E, h0km, mb4.0/14, mb1.4/0.25, mb1mx3.9/55, mbtm3.9/25, ML3.6/11, MS3.2/13, Ms1.3/2.13, ms1mx3.0/51, Error ellipse: s-maj=15.7km s-min=13.1km az=159.0, ATH 23 17:13:18.6, 37.99N, 20.19E, h17km, ML3.9/13, Error ellipse: s-maj=2.7km s-min=0.9km az=61.0, MED_RC 23 17:13:19.0, 1.4, 38.11N, 20.00E, h10km, MW4.1/14, Moment Tensor Solution, Mantle waves: s14, c18, Duration: 1s0 Moment tensor: Scale 1015N/m, Mw=1.32, 1.7, Mw=1.52, 1.7, Mw=1.39, 1.7, Mw=1.01, 1.52, Mw=0.71, 1.3, Mw=0.95, 1.48, Best double couple: M1: 8.60000*1015 NPT1: 299.00000, 866.00000, lambda: 1.80000, NP2: 34.00000, 877.00000, lambda: 155.00000, Principal axes: T 1.7100, Plg2, 0.0000, Azm165.0000, N 3.0000, Plg62.0000, Azm61.0000, P -2.0200, Plg26.0000, Azm259.0000, nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=30s, NEIC 23 17:13:20.2, 2.3, 38.05N, 0.07, 20.15E, 0.03, h15km, 6km, mb4.5/19, ML4.1 (THE) Error ellipse: s-maj=10.3km s-min=3.7km az=183.0, PDG 23 17:13:21.5, 0.2, 38.05N, 20.16E, h40km, 11km, ML4.1/13, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, BEO 23 17:13:23.0, 1.7, 38.42N, 19.38E, h0km, ML3.9/11, ISC 23 17:13:19.6, 0.7, 38.03N, 0.03, 20.22E, 0.03, h17km, 5km, n221, c195/272, mb4.1/21, MS2.9/5, 11C-SD, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIP3 Kipouria, KIP3 0.20 30 P, DMLN Damouliana-K, DMLN 0.24 30 P, LXR A Lixouri, LXR A 0.24 45 P, ARG A Argostoli, ARG A 0.25 54 P, KEF4 Livadi, KEF4 0.28 35 P, PESS Pessada-Kefalo, PESS 0.30 74 P, VLS Valsamata, VLS 0.32 63 P, VLS Valsamata, VLS 0.32 63 S, VLS comp=N, 85473jm, 0.5s, VLS comp=E, 35067jm, 0.2s, FSK Fiskardo, FSK 0.50 32 P, FSK FSK, FSK 0.50 32 AML, FSK comp=E, 50405jm, 0.6s, LITH Lithakia, LITH 0.58 123 P, LEFK Lefkada island, LEFK 0.68 30 P, DRAG Dragano-Lefkad, DRAG 0.71 23 P, NYDR Nydri-Lefkada, NYDR 0.78 29 P, LKFD Lefkada island, LKFD 0.83 24 S, LKFD comp=N, 12um, 0.8s, LKFD Lefkada island, LKFD 0.83 24 P, TSKL Tsoukalades, TSKL 0.86 23 P, RLS Riols of Patr, RLS 0.98 88 P, RLS Riols of Patr, RLS 0.98 88 S, RLS comp=N, 16613jm, 0.5s, RLS comp=E, 9002jm, 0.5s, DRO Drossia, DRO 1.18 93 P, PVO Paravola, PVO 1.18 60 P, PVO comp=E, 9um, 0.8s, PVO Paravola, PVO 1.18 60 P, PVO comp=N, 20202jm, 0.6s, PVO comp=E, 16503jm, 1.0s, EFF Eftalio, EFF 1.38 73 P, EFF comp=E, 6729jm, 0.8s, EFF comp=N, 6510jm, 0.6s, LAKA LAKA, LAKA 1.40 81 P, LAKA comp=N, 15482jm, 1.3s, LAKA comp=E, 21753jm, 0.8s, ANX Ano Chora, ANX 1.45 67 P, ANX comp=E, 9753jm, 0.6s, ANX comp=N, 15764jm, 0.6s, TRIG Ioumenista, TRIG 1.49 77 P, IGT Ioumenista, IGT 1.50 3 P, IGT comp=N, 2um, 0.5s, KLV Kalavryta, Ach, KLV 1.52 89 P, KLV comp=N, 3um, 0.6s, KLV Kalavryta, Ach, KLV 1.52 89 P, KLV comp=N, 6345jm, 0.6s, EVR Evrytania, EVR 1.53 54 P, EVR comp=E, 2um, 0.9s, EVR Evrytania, EVR 1.53 54 P, EVR comp=E, 4059jm, 0.8s, EVR comp=N, 5299jm, 0.9s, ITM Ithomi, ITM 1.60 122 P, ITM comp=N, 4um, 0.7s, ITM Ithomi, ITM 1.60 122 P

1009

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, H03S2 Juan Fernandez, MAW Mawson, etc.

IDC 23 17:40:21.7-8.0, 21.60N:143.24E, h332km, 83km, mb3.0/9, m1 3.2/9, mb1mx2.9/52, mbtmpp3.7/9, Error ellipse: s-maj=33.4km s-min=15.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KRSR Korea Array, CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

IDC 23 17:44:09.2-8.7, 14.56S:167.18E, h115km, 79km, mb3.3/3, m1 3.3/4, mb1mx3.1/39, mbtmpp3.7/4, ML3.7/1, Error ellipse: s-maj=67.5km s-min=48.1km az=168.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SARNOU Saraoutou, DVP Devils Point, YOUNC Koumac, etc.

NNC 23 17:45:08.5-0.8, 41.68N:77.60E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=5.0km s-min=3.4km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PRZ Przeval'sk, ANVS Anan'yev, ULHL Ulahol, etc.

2015 OCT

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MDOK Medeo, MDOU Medeo, MDOK Medeo, etc.

23 Oct 18h

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

23d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

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

2015 OCT

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

ADC 23 18:29:38.9±0.9, 37.96N±26.90E, h0km, mb3.6/5, mb1 3.7/12, mb1mx3.5/3, mbmp3.6/12, ML3.5/7, MS3.1/4, Ms1 3.1/4, ms1mx2.6/5, Error ellipse: s-maj=15.9km s-min=12.5km az=125.0

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

1010

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

2015 OCT

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
1011	ASAF	Jabal al Asfar	10.08 122	Pn	Pn	18 32 04.6 -0.1
		comp=E,0.3nm,0.3s,baz=332,slow=14,SNR=2.3				
	ASAF					18 33 58.4 +0.6
		comp=E,0.3nm,0.3s,baz=313,slow=13,SNR=2.5				
	SORM	Soroca	10.23 6	IP	Pn	18 32 05.6 -0.9
	MORH	Mrgy, Hungar	10.32 326	IP	Pn	18 32 07.0 +0.5
	EIL	Elat	10.69 138	Pn	Pn	18 32 12.2 -0.7
		comp=E,0.4nm,0.3s,baz=260,slow=10,SNR=4.7				
	EIL					18 34 05.8 -6.7
		comp=E,1.2nm,0.3s,baz=140,slow=9,SNR=6.8				
	GERES	GERESS Array B	10.43 323	Pn	Pn	18 33 07.7 -3.3
	KHC	Kasperske Hory	14.29 324	eP	Pn	18 33 15.0 +1.2
	DAVOX	Davos/Dismant	15.28 311	LR	LR	18 33 09.4 0.7
		comp=E,12.2nm,21.5s,baz=260,slow=10,SNR=6.7				
	HFS	Hagfors	23.70 344	P	P	18 34 51.9 +0.5
		comp=E,0.9nm,0.6s,baz=149,slow=6.7,SNR=1.1				
	ESDC	Somseca Array	23.98 284	P	P	18 34 55.6 +1.2
		comp=E,0.6nm,0.3s,baz=74,slow=9.5,SNR=4.7				
	NOA	NORSAR Array B	25.09 342	LR	LR	18 46 56.9
		comp=E,40nm,19.5s,baz=5.0,slow=41				
	KHVR	Kirov	25.31 28	LR	LR	18 44 44.6
		comp=E,35nm,22.0s,baz=6.4,slow=36				
	CHGR	Chuyangaron	33.02 75	P	Iamb	18 36 15.0 -0.2
		comp=Z,4.3nm,0.6s				18 36 17.1
	TORD	Torodi Ar. Bea	33.32 229	P	P	18 36 18.5 +0.7
		comp=Z,1.8nm,0.7s,baz=299,slow=9.5,SNR=6.6				
	TORD	Torodi Ar. Bea	33.32 229	Iamb	Iamb	18 36 15.8 -2.0
		comp=Z,3.3nm,1.3s				18 36 26.2
	MKAR	Makanchi Array	41.16 59	P	P	18 37 24.8 +0.7
		comp=Z,0.4nm,0.6s,baz=276,slow=8.0,SNR=5.2				
	MKAR	Makanchi Array	41.16 59	P	P	18 37 24.6 +0.5
	ZALV	Zalesovo Beam	42.13 48	P	P	18 37 32.3 +0.4
		comp=Z,0.6nm,0.3s,baz=289,slow=8.7,SNR=1.9				
	DBIC	Dimbokro	42.36 231	P	P	18 37 33.8 -0.3
		comp=Z,10nm,1.3s				18 37 39.3
	WMQ	Urumqi	45.49 62	eP	P	18 38 01.8 +2.7
	HHC	Hu-ho-hao-te	63.00 58	eP	P	18 40 09.3 +2.5
		comp=Z,13nm,0.7s				
	HHC					18 37 43.9
		comp=Z,7.3nm,6.8s				

IDC 23 18:33:45.1 ± 1.2, 26.28Sx70.36W, h0km, mb4.3/1, mb1 4.24, mb1mx3.744, mbtmp4.24, ML3.73, MS2.8/4, Ms1 2.84, ms1mx2.724, Error ellipse: s-maj=71.5km s-min=25.9km az=116.0
NEIC 23 18:33:46.4 ± 2.2, 25.65S;0.05;71.1W;0.1, h10km, 3km, Error ellipse: s-maj=16.4km s-min=6.3km az=100.0
GUC 23 18:33:49.6 ± 0.7, 25.66S;70.78W, h2km, 26km, ML4.0
ISC 23 18:33:46.6 ± 1.6, 25.64S;0.04;71.04W;0.06, h16km, 9km, n60, c129/63,4C, Off coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PB14	IPOC Station P	1.17	30	Op	ISC	h m s ISC
PB14				Sg	Pn	18 34 24.6 +0.1
PB14	IPOC Station P	1.17	30f	eS	Pn	18 34 09.6 +1.1
PB14				Sg	Pn	18 34 24.2 -0.3
PB14				IAML	Pn	18 34 27.3
GO03	Copiap	2.08	160	Pn	Pn	18 34 21.7 +0.9
GO03	Copiap	2.08	160f	IP	Pn	18 34 21.8 +0.9
GO03				eS	Pn	18 34 46.3 -0.1
GO03				IAML	Pn	18 34 49.0
AC02	Maricunga	2.09	125	Pn	Pn	18 34 21.2 -0.3
AC02	Maricunga	2.09	125	eS	Pn	18 34 21.1 -0.4
AC02				IAML	Pn	18 34 46.0 -3.4
PB10	IPOC Station P	2.17	12	Pn	Pn	18 34 23.4 +1.4
PB10	IPOC Station P	2.17	12f	IP	Pn	18 34 23.2 +1.2
PB10				eS	Pn	18 34 46.2 -2.3
AC04	Llanos de Chal	2.55	181	Pn	Pn	18 34 27.5 +0.1
AC04	Llanos de Chal	2.55	181	eP	Pn	18 34 27.6 +0.3
AC04				eS	Pn	18 34 56.6 -1.5
AC04				IAML	Pn	18 35 13.3
PB15	IPOC Station P	2.81	31	Pn	Pn	18 34 32.7 +1.6
PB15	IPOC Station P	2.81	31	eP	Pn	18 34 32.7 +1.6
PB15				eS	Pn	18 35 44.9 -0.1
PB06	IPOC Station P	3.22	25	IP	Pn	18 34 37.8 +1.2
PB06	IPOC Station P	3.22	25f	IP	Pn	18 34 37.8 +1.2
PB06				eS	Pn	18 35 14.1 -0.6
PB06				IAML	Pn	18 35 33.9
LCO	Las Campanas	3.37	175	Pn	Pn	18 34 39.8 +0.9
LCO	Las Campanas	3.37	175	eP	Pn	18 34 39.3 +0.5
PB04	IPOC Station P	3.39	14	Pn	Pn	18 34 39.9 +0.8
PB04	IPOC Station P	3.39	14	eP	Pn	18 34 39.9 +0.8
PB04				eS	Pn	18 35 18.2 -0.9
PB04				IAML	Pn	18 35 46.8
LVC	Limón Verde	3.59	33	Pn	Pn	18 34 44.9 +2.9
LVC	Limón Verde	3.59	33	IP	Pn	18 35 32.8 -0.7
LVC				SN	Pn	18 36 04.2
LVC	Limón Verde	3.59	33	Pn	Pn	18 34 43.8 +1.8
LVC	Limón Verde	3.59	33	IP	Pn	18 34 43.9 +1.9
LVC				Sb	Pn	18 35 31.1 -2.4
AF01	San Pedro de A	3.74	45	Pn	Pn	18 34 45.8 +1.8
PB07	IPOC Station P	4.04	15	Pn	Pn	18 34 48.7 +0.7
PB07	IPOC Station P	4.04	15	eP	Pn	18 34 48.7 +0.7
CO05	La Serena	4.62	192	Pn	Pn	18 34 50.6 -0.3
GO04	Tolote Observa	4.52	174	Pn	Pn	18 34 55.1 +0.4
PB01	IPOC Station P	4.79	18	Pn	Pn	18 34 58.9 +0.6
CO06	Fray Jorge	5.04	186	Pn	Pn	18 35 01.1 -0.5
TA01	Diego Aracena	5.11	9	Pn	Pn	18 35 02.4 -0.2
CO03	El Pedregal	5.19	177	Pn	Pn	18 35 05.4 +0.8
PB11	IPOC Station P	5.75	18	Pn	Pn	18 35 12.5 +0.9
PB11	IPOC Station P	5.75	18	IP	Pn	18 35 14.1 -0.1
PSGC	Pisagua	6.08	8	Pn	Pn	18 35 15.6 -0.4
ZON	Zonda	6.24	161	Pn	Pn	18 35 21.3 +3.2
VA03	San Esteban	7.11	177	Pn	Pn	18 35 29.5 -0.6
MT02	Curacav	7.59	181	Pn	Pn	18 35 34.7 -1.9
MT09	Talagante	8.11	160	Pn	Pn	18 35 42.4 -1.5
MT01	Popeta	8.20	181	Pn	Pn	18 35 44.3 -0.6
BO01	Tunca	8.72	180	Pn	Pn	18 35 51.5 -0.6
LPAZ	La Paz	9.70	17	Pn	Pn	18 36 14.7 +8.6
LPAZ	La Paz	9.70	17	IP	Pn	18 36 05.5 -0.5
H03N1	Juan Fernandez	10.36	220	T	T	18 46 55.8
H03N2	Juan Fernandez	10.37	220	T	T	18 46 56.3
H03N3	Juan Fernandez	10.38	220	T	T	18 46 56.9
CPUP	Villa Florida	12.36	96	LR	LR	18 40 34.7
SIV	San Ignacio	13.36	46	Pn	Pn	18 36 58.1 +2.2
SIV				SN	Pn	18 39 25.5 +1.2
SIV				LR	LR	18 43 06.6
TRQA	Torquisto	14.57	150	Pn	Pn	18 37 10.6 -1.5
PLCA	Paso Flores	15.06	179	LR	LR	18 43 44.4
RCBR	Riachuelo	38.94	66	P	P	18 41 23.3 +0.1
QSPA	South Pole Qui	64.57	180	P	Iamb	18 44 24.3 +1.3
QSPA				Iamb	Iamb	18 44 34.4
TORD	Torodi Ar. Bea	80.58	71	P	P	18 45 58.1 -0.7
TORD	Torodi Ar. Bea	80.58	71	IP	Pn	18 45 57.9 -0.9
TORD	Torodi Ar. Bea	80.58	71	Iamb	Iamb	18 46 16.2
ASAR	Alice Springs	125.35	208	PKP	PKP	18 52 47.5 +0.1
		comp=Z,1.3nm,0.8s,baz=226,slow=11.5,SNR=5.5				
H1S2	WAKE ISLAND HY26 36 275	T	T			21 12 15.1
H1S1	WAKE ISLAND HY26 37 275	T	T			21 12 18.0
H1S3	WAKE ISLAND HY26 37 275	T	T			21 12 24.4
WRA	Warramunga Arr	128.41	211	PKP	PKP	18 52 54.1 +0.8
		comp=Z,0.3nm,0.9s,baz=147,slow=1.6,SNR=1.9				

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KURBB	Kurchatov Arra	145.85	35	PKP	PKP	18 53 26.0 +1.2
		comp=Z,0.2nm,0.4s,baz=317,slow=3.8,SNR=2.6				
ZALV	Zalesovo Beam	146.52	26	PKP	PKP	18 53 27.9 +1.1
		comp=Z,1.6nm,0.7s,baz=333,slow=6.6,SNR=7.8				
MKAR	Makanchi Array	150.10	38	PKP	PKP	18 53 37.3 +0.8
		comp=Z,0.4nm,0.5s,baz=357,slow=2.1,SNR=4.8				
UCR 29 19:17:03.06 ± 1.7, 9.40N;82.20W, h20km, MW3.8 UPA 29 19:17:03.06 ± 1.1, 9.40N;82.31W, h7km, 6km, MW4.1 ISC 29 19:17:04.51 ± 1.4, 9.51N;0.05;82.22W;0.05, h33km, 5km, n26, c0976/43, 1C, Panama-Costa Rica border region						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CN12	El Empalme, Bo	0.26	251	Op	ISC	h m s ISC
CN12				eS	Pn	19 17 12.0 +0.2
RGMO	Gandoca	0.39	282	eP	Pn	19 17 17.6 +1.0
RGMO				Sb	Pn	19 17 13.7 +0.3
CHGR2	Aguatec	0.57	172	eS	Pn	19 17 19.2 -0.4
CHGR2				eS	Pn	19 17 16.0 -0.3
LNBO3	Los Naranjos,	0.74	197	eP	Pn	19 17 23.9 -0.4
LNBO3				eS	Pn	19 17 18.5 -0.7
BC3P	Paso Ancho	0.79	209	eP	Pn	19 17 19.1 -0.9
BC3P				Sb	Pn	19 17 29.7 -0.7
BCO2	Palмира	0.84	201	eP	Pn	19 17 31.0 -0.7
BCO2				eS	Pn	19 17 31.5 -0.4
BRU2	Volcan	0.85	213f	eP	Pn	19 17 20.0 -0.9
BRU2	Volcan	0.85	213	eS	Pn	19 17 31.7 0.0
BRU2	Volcan	0.85	213	eP	Pn	19 17 19.8 -1.1
BRU2	Volcan	0.85	213	eS	Pn	19 17 31.4 -0.7
MLIR3	Monte Lirio, C	0.93	220	eP	Pn	19 17 21.8 -0.4
MLIR3				eS	Pn	19 17 34.6 +1.0
GUAL3	Gualaca, Chiri	0.97	184	eP	Pn	19 17 22.4 +0.5
GUAL3				eS	Pn	19 17 35.5 +0.7
POTG	Potrero Grande	0.99	243	eP	Pn	19 17 21.6 -0.5
POTG				Sb	Pn	19 17 35.0 -1.2
EDSV	San Vito	1.01	227	eP	Pn	19 17 22.5 0.0
DRKO	Durika	1.04	257	eP	Pn	19 17 22.6 -0.4
DRKO				iS	Pn	19 17 36.4 -1.1
BAGA3	Bagala, Chiriq	1.08	196	eP	Pn	19 17 24.5 +1.2
BAGA3				eS	Pn	19 17 38.1 -0.4
DVD	David	1.09	192	eP	Pn	19 17 24.4 +0.9
DVD				eS	Pn	19 17 39.4 +0.6
EDBA						

23d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PWRJ Pegerwojo, PCJJI Pacitan, FITZ Fitzroy Crossi, etc.

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

IDC 23.01:159.0.1.6, 2.16S, 138.32E, h0km, mb3.4/2, mb1.3/3.4, mb1mx3.3/3.7, mb1mx3.3/4, ML3.0/2, Error ellipse: s-maj=32.7km s-min=27.4km az=18.0, Irian Jaya

25 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SMPI Sarmi, GENI Genyem, SRPI Serui, Papua, etc.

IDC 23.02:26.14.2.2.13, 77S, 167.12E, h0km, mb4.2/3, mb1.4/3.4, mb1mx3.7/5.1, mb1mx4.2/4, ML4.0/1, Error ellipse: s-maj=56.0km s-min=45.4km az=101.0, NEIC 23.02:27.1.1.1, 14.6S, 0.2:167.7E, 0.2, h143km, 5km, mb4.1/5, Error ellipse: s-maj=28.8km s-min=18.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, DZM Mont Dzumac, etc.

IDC 23.02:28.45.7.0.6, 2.17S, 138.36E, h0km, mb4.2/13, mb1.4/2/19, mb1mx4.0/5.9, mb1mx4.2/19, ML3.9/4, MS3.0/4, Ms1.3/0.4, Ms1mx2.8/3.6, Error ellipse: s-maj=19.6km s-min=13.4km az=66.0, NEIC 23.02:28.48.1.2.4.2, 18S, 0.0:138.24E, 0.05, h10km, 1km, mb4.3/3.4, Error ellipse: s-maj=14.8km s-min=7.5km az=21.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SMPI Sarmi, GENI Genyem, SRPI Serui, Papua, etc.

1012

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

IDC 23.02:33.03.7.0.8, 56.75S, 141.14W, h0km, mb4.1/8, mb1.4/3.8, mb1mx4.1/2.9, mb1mx4.1/8, MS4.5/19, Ms1.4/5.19, ms1mx4.5/2.2, Error ellipse: s-maj=28.0km s-min=23.6km az=9.0, NEIC 23.02:33.05.1.2.6, 56.8S, 0.1:141.0W, 0.2, h10km, 1km, mb4.9/2.9, Error ellipse: s-maj=20.9km s-min=16.1km az=346.0

GCMT 23.03:09.1+0.1, 0.17S, 06S, 0.0:141.22W, 0.0:1, h22km, MW5.4/332, Moment Tensor Solution, s108, c168, s132, c223, Duration: 18.1, Moment tensor: Scale 1017

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBA Scott Base, VNSA Vanda, etc.

23d 22h

Table with columns: AAK, Ala-Archa, 43.88 340 P, 21 28 05.9 -0.2, etc. Lists various stations and their parameters.

2015 OCT

Table with columns: DAVA, Damuels, 84.26 317 eP, 21 32 32.6 +1.3, etc. Lists various stations and their parameters.

1014

Table with columns: MOD, Modoc Plateau, 1.95 146 Pn, 21 55 00.1 +1.2, etc. Lists various stations and their parameters.

1015

2015 OCT

23d 22h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MTSU, GUMO, WRA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MEEK, CISI, ARMA, etc.

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

23d 22h

Table with columns for station name, frequency, and signal strength. Includes stations like XAN, VLA, JKA, ASAJ, TIY, etc.

2015 OCT

Table with columns for station name, frequency, and signal strength. Includes stations like LZH, FOZ, DCZ, NNZ, THZ, etc.

1016

Table with columns for station name, frequency, and signal strength. Includes stations like ZEA, ZEA, ZEA, ZEA, TAPN, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DHRM, ZSN, MK31, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IUG, GAMB, TAS, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like O22K, SEW, IMAR, etc.

23d 22h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KLU Klutina, COLA College, M24K Tolsona, WHFO Wadi Hawi, etc.

2015 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BCAR Beaver Creek A, K27K Chicken, PINM Pinnacle, etc.

1018

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NLWA Neilton Lookou, J01E Myrtle Point, VORD Divnogorie, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, MSO Missoula, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ECSD EROS Data Cent, FETA Feichten, U32A Winter Ranch, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DBIC Dimbrok, GTBY Guantanamo Bay, GTBY Guantánamo Bay, etc.

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

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PSA00 Pilbara Seismi, STKA Stephens Creek, GIRL Giralia, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MAKZ Makanchi, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like H10N1 ASCENSION HYDR02.35, H10N2 ASCENSION HYDR02.36, etc.

IDC 23 22:56:32.3, 3.4, 2'23S, 99.64E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/45, mbtmp3.6/6, Error ellipse: s-maj=155.0km s-min=20.1km az=55.0

ISC 23 22:56:33.5, 4.6, 2'S, 101.0E, h10km, n10, c1916/6, mb3.7/5, Southern Sumatra

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

INET 23 23:09:34.1, 12.49N, 87.24W, h62km, ML3.6, Near coast of Nicaragua

IDC 23 23:20:50.1, 1.1, 2'12S, 138.27E, h0km, mb3.8/5, mb1 4.0/8, mb1mx3.8/27, mbtmp3.8/8, ML3.9, MS4.0/2, Ms1 4.0/2, ms1mx3.0/42, Error ellipse: s-maj=29.8km s-min=20.9km az=87.0

ISC 23 23:20:51.1, 1.1, 2.3S, 0.1, 138.19E, 0.10, h10km, n9, c301/11, mb3.9/4, Irian Jaya

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like JAY Jayapura, WRA Warramunga Arr, etc.

IDC 23 23:21:12.4, 2.4, 64.83N, 151.39W, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.4/48, mbtmp3.2/4, ML2.9/1, Error ellipse: s-maj=30.9km s-min=20.5km az=155.0

AEIC 23 23:21:12.2, 1.6, 64.68N, 0.03, 151.38W, 0.07, h15km, 6km, ML2.9, ML3.1/120(NEIC), Error ellipse: s-maj=4.8km s-min=4.2km az=133.0

NEIC 23 23:21:12.9, 2.0, 64.72N, 0.03, 151.45W, 0.05, h25km, 10km, Error ellipse: s-maj=3.8km s-min=2.9km az=171.0

ISC 23 23:21:12.7, 0.7, 64.72N, 0.02, 151.40W, 0.03, h10km, n102, c193/98, mb3.2/3, Central Alaska

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLY Manley, I21K Tanana, etc.

IDC 23 22:51:32.1, 1.9, 56.51S, 140.85W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/33, mbtmp3.9/3, MS4.2/2, Ms1 4.2/2, ms1mx3.6/25, Error ellipse: s-maj=60.3km s-min=40.1km az=4.0

ISC 23 22:51:33.0, 2.2, 56.0S, 0.5, 140.4W, 0.4, h35km, n26, mb1.1/8, mb3.8/3, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GSPA South Pole P, PPT Papeete, etc.

IDC 23:23:51:32.7.2.1, 20108S:177.62W, h563km, 22km, mb4.9/7, mb1.3/10, mb1mx3.2/23, mbtmp4.0/10, Error ellipse: s-maj=35.5km s-min=17.9km az=145.0

NEIC 23:23:51:32.9.0.8, 202S:0.2:177.4W:0.2, h566km, 25km, mb4.0/13, Error ellipse: s-maj=32.1km s-min=11.8km az=46.0

ISC 23:23:51:31.8.0.7, 202S:0.2:177.51W:0.10, h550km, n30, e1507/31, mb3.9/13, Fiji Islands region

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

IDC 24:00:06:24.1.0.7, 52:36N, 168:59W, h0km, mb4.1/26, mb1.4/42, mb1mx4.2/36, mbtmp4.2/27, ML3.6/1, MS3.7/3, Ms1.3/7.3, ms1mx3.4/9, Error ellipse: s-maj=20.6km s-min=12.3km az=171.0

NEIC 24:00:06:27.2.0.2, 52:30N:0.05:168:46W:0.08, h42km, 5km, mb4.2/73, ML3.8/52(AEIC), Error ellipse: s-maj=8.5km s-min=4.9km az=134.0

AEIC 24:00:06:28.3.9, 52:26N:0.07:168:51W:0.04, h50km, 6km, Error ellipse: s-maj=10.7km s-min=3.7km az=178.0

ISC 24:00:06:28.1.0.5, 52:25N:0.06:168:43W:0.04, h29km, n30, e1503/304, mb4.5/54, MS3.9/4, Fox Islands

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

Table with columns: Code, Station Name, Time, Res, ISC. Lists various stations like Q19K, Q19K, SWV2, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Lists various stations like SCRK, M27K, M27K, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like FORT Forrest, SOEI Soe, South Pole Qui, SNAASana, VNA3 Neumayer Olymp, etc.

IDC 24 02:18:05.71.8.31:56S:71:40W, h0km, mb4.2/2, mb1 3.8/1.1, mb1mx3.6/30, mbtmp4.0/3, ML3.2/1, Error ellipse: s-maj=109.5km s-min=48.4km az=135.0

GUC 24 02:18:11.0.0.1.0.31:23S:71:17W, h2km, km, ML3.7

ISC 24 02:18:38.1.5.1.0.31:31S:0:03:71:74W, 0.09, h1km, g6km, n27, e113/32, 3C-3D, Near coast of central Chile

Main table for 1025 containing station data for stations like Fray Jorge, El Pedregal, Catapilco, Tololo Observa, La Serena, Talagante, Popeta, Las Melosas, etc.

IDC 24 02:19:31.2.1.1, 29:67N:70:31E, h0km, mb3.7/9, mb1 3.8/1.1, mb1mx3.6/30, mbtmp3.7/11, ML3.2/MS3.1/6, Ms1 3.2/6, ms1mx2.8/44, Error ellipse: s-maj=28.0km s-min=21.2km az=70.0

ISC 24 02:19:32.8.1.2, 29:7N:0:1:70:4E:0.2, h10km, n17, e113/11, mb3.7/9, MS3.0/5, Pakistan

Main table for 1025 containing station data for stations like Alibeck, AAK Ala-Archa, MKAR Makanchi Array, KURBB Kurchatov Arra, AKTO Aktyubinsk, BVAR Borovoye Array, GNI Garni, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, MMAI Mount Meron Arr, AKASG Malin Array Be, ARCES ARCES Array B, KRSR Korea Array, NOA NORSAR Array B, KOWA Kowa, WRA Warramunga Arr, ASAR Alice Springs.

IDC 24 02:23:45.0.1.7, 31:88S:71:51W, h0km, mb3.8/3, mb1 3.8/6, mb1mx3.6/30, mbtmp3.8/6, ML3.7/3, Error ellipse: s-maj=65.9km s-min=27.7km az=105.0

GUC 24 02:23:51.0.0.1.0.31:76S:71:43W, h50km, km, ML3.8

ISC 24 02:23:52.1.1.0.31:76S:0:03:71:47W, 0.09, h5km, n11km, n34, e96/239, mb3.8/3, 6C-2D, Near coast of central Chile

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

Main table for 2015 OCT containing station data for stations like Fray Jorge, El Pedregal, Torpederas, San Esteban, El Roble, Curacav, Peldehue, Tololo Observa, Renca, La Serena, Penalolen, Santo Domingo, Talagante, Popeta, Las Melosas, Tunca, Juan Fernandez, etc.

IDC 24 02:26:19.1.1.3, 31:39S:71:54W, h0km, mb4.2/3, mb1 4.1/5, mb1mx3.7/29, mbtmp4.0/5, ML3.6/2, MS2.6/1, Ms1 2.6/1, ms1mx2.4/42, Error ellipse: s-maj=60.0km s-min=24.1km az=103.0

GUC 24 02:26:25.3.0.8, 31:57S:71:48W, h45km, 3km, ML3.9

NEIC 24 02:26:25.4.2.1, 31:58S:0:04:71:6W:0.1, h37km, 8km, mb4.3/4, ML3.9(GUC), Error ellipse: s-maj=15.6km s-min=5.2km az=86.0

ISC 24 02:26:25.7.0.9, 31:56S:0:03:71:53W, 0.08, h54km, g9km, n16, e111/60, mb4.4/4, 5C-4D, Near coast of central Chile

Main table for 2015 OCT containing station data for stations like Fray Jorge, El Pedregal, Catapilco, San Esteban, Torpederas, El Roble, Tololo Observa, La Serena, Curacav, Renca, Santo Domingo, Talagante, Popeta, etc.

Main table for 24d 2h containing station data for stations like Las Melosas, Las Campanas, Tunca, Sierra Bellavi, Llanos de Chal, G005 Huala, ML02 Panamivida, Juan Fernandez, etc.

IDC 24 02:38:39.6.1.8, 26:82S:177:89W, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.4/20, mbtmp3.2/2, ML4.7/1, Error ellipse: s-maj=52.3km s-min=36.8km az=77.0

ISC 24 02:38:40.2.0.0.27:0S:0:1:177:8W:0.4, h10km, n6, e157/7, South of Fiji Islands

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

IDC 24 02:45:46.9.3.9, 20:37S:178:22W, h548km, 30km, mb3.2/6, mb1 3.5/8, mb1mx3.2/23, mbtmp4.1/8, Error ellipse: s-maj=105.1km s-min=19.5km az=154.0

ISC 24 02:45:45.1.1.1, 20:6S:0:4:178:0W:0.2, h534km, n10, e184/11, mb3.6/6, Fiji Islands region

Main table for 24d 2h containing station data for stations like Nonsavu, Mont Mounac, Alice Springs, Warramunga Arr, Mina Array Be, Lajitas Array, Pinedale Array, Chiang Mai Arr, Malin Array Be, Keskin Array B, etc.

SOME 24 02:49:17.3.39:65N:73:92E, h20km

KRNET 24 02:49:17.0.0.1, 39:70N:73:98E, h11km, mb3.4

NINC 24 02:49:22.1.1.5, 39:82N:73:93E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=12.1km s-min=6.5km az=171.0

ISC 24 02:49:22.0.0.1, 41:38N:0:05:73:94E:0.03, h7km, 12km, n62, e191/98, 23C-22D, Tajikistan-Xinjiang border

Main table for 24d 2h containing station data for stations like Sufti-Kurgan, Osh, Karamyk, Aral, Arls, Batken, BTK, Almayashu, Uchtor, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like VOIR, MGRS, MLR, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CLL, GNI, SUW, MNSK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NIL, KURB, KURK, etc.

Table titled 'NOU 24 03:03:10.4, 20.60S:169.05E, h21km, ML3.7/10, Vanuatu Islands, Vanuatu Islands' with columns: Code, Station Name, Frequency, Power, Direction, Phase ID, Time, Res.

Table titled 'IDC 24 03:12:52.6:7.4, 15.95Sx176.15W, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.7/33, mbtmp4.0/3, Error ellipse: s-maj=326.4km s-min=36.8km az=140.0, Fiji Islands region' with columns: Code, Station Name, Frequency, Power, Direction, Phase ID, Time, Res.

Table titled 'NAO 24 03:37:32.0:1.6, 67.55Nx33.89E, ML2.2, HEL 24 03:37:34.2:0.5, 67.87Nx33.66E, h0km, ML1.8, Explosion, Baltic States-Belarus-Northwestern Russia' with columns: Code, Station Name, Frequency, Power, Direction, Phase ID, Time, Res.

24d 4h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Riekki, Maaselka, Sodankylä, Kevo, ARACS Array S, etc.

IDC 24 03:50:27.0, 0.8, 51.45N, 15.92E, h0km, mb1 3.4/8, mb1mx3.2/43, mbtmp3.2/8, ML2 6/8, Error ellipse: s-maj=14.6km s-min=7.6km az=104.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSP, CHVC, OSTC, UPC, etc.

2015 OCT

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

NEIC 24 03:55:05.9, 1.2, 43.541N, 0.007, 121.79W, 0.02, h4km, 6km, Error ellipse: s-maj=2.1km s-min=1.1km az=89.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like J04D, J05D, J05J, etc.

NEIC 24 03:55:06.1, 1.0, 43.54N, 0.02, 121.77W, 0.02, h10km, 11km, n58, 0.98171, Oregon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BROR, K04D, K05A, etc.

1028

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LON, HAWA, E07A, etc.

NEIC 24 04:13:56.8, 1.5, 35.71N, 0.05, 140.18E, 0.08, h64km, 6km, mb4 6/27, Error ellipse: s-maj=9.6km s-min=7.2km az=97.0

IDC 24 04:13:57.3, 1.7, 35.71N, 140.06E, h71km, 14km, mb3 9/17, mb1 4.0/22, mb1mx3.9/41, mbtmp4.1/22, MS3.0/4, MS1 3.1/4, ms1mx2.6/48, Error ellipse: s-maj=18.5km s-min=12.5km az=77.0

NIED 24 04:13:57.0, 35.80N, 140.08E, h66km, MW4.2, Moment Tensor Solution, s3, Moment tensor: Scale 1015Nm; Mrr:1.60, Mss:0.06, Mss:1.54, Mo:0.40, Mss:0.61, Mrr:1.50; Fault plane solution: M2.28000, P1.20000, NP2.2.00000; 867.00000, 1.09.00000, NP2.9.141.00000, 829.00000, 1.53.00000

JMA 24 04:13:57.0, 0.2, 35.80N, 140.08E, h66km, 2km, M3.7 Broadband fault plane solution: P waves. NP1: 0.177.00000, 817.00000, 7.9.00000, NP2: 9.00000, 873.00000, 1.93.00000. Principal axes: T P162.00000, Azm284.00000; N P163.00000, Azm188.00000; P P162.00000, Azm96.00000

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

Table with columns: WMO, P, Pn, Pn, 04, 23, 08, +0.7, etc. Lists various stations and their associated data points.

ISK 24 04:16:30.4, 38.771N:43.20E, h5km, ML3.0/1.6
DDA 24 04:16:31.6, 38.78N:43.18E, h7km, 5km, ML2.6

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

Table with columns: CLDR, 0.67 57, PG, SG, Pb, Sg, etc. Lists various codes and numerical values.

BJI 24 04:26:33.6:0.0, 42.81N:143.11E, h109km, mb4.8/9,
m4.6/17
MOS 24 04:26:34.5:1.1, 42.75N:143.19E, h115km, mb4.5/13,

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

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

Table with columns: KUR, comp=E,91nm,0.3s, smax, smax, etc. Lists various codes and numerical values.

24d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRVK Borovoye, INK Inuvik, KK31 Karatay Array, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AC02 Maricunga, PTH Pithoragarh, DDI Dehra Dun, etc.

1030

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like U32A, OKCFA Oklahoma City, OKCFA Oklahoma City, etc.

24d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBYP Canovanas, CDBV St. Croix, etc.

ISK 24 08:20:36.7, 37.99N, 26.83E, h5km, ML2.5/0
DDA 24 08:20:36.4, 37.98N, 26.78E, h4km, 1km, ML2.0

ISC 24 08:20:36.7, 1.1, 37.98N, 0.03, 26.80E, 0.04, h9km, 8km, n14, e0.68/25, Dodecanese Islands

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

IDC 24 09:11:11.1, 0.7, 12.74N, 124.43E, h0km, mb4.2/13, mb1 4.3/14, mb1mx4.1/47, mbtmp4.2/14, ML4.2, MS3.5/24, Ms1 3.5/24, ms1mx3.5/50, Error ellipse: s-maj=32.6km s-min=14.4km az=75.0

MAN 24 09:11:13.2, 13.00N, 124.68E, h22km, mb5.1, ML4.0, MS4.1

DJA 24 09:11:14.4, 3.1, 13.1N, 124.5E, h10, h27km, 22km, M4.8/13, mb5.5/5, mb4.7/13, Mw(mb)4.9/5

NEIC 24 09:11:19.8, 1.8, 12.9N, 0.1, 124.60E, 0.06, h60km, 9km, mb4.6/35, Error ellipse: s-maj=15.2km s-min=7.5km az=170.0

ISC 24 09:11:17.3, 1.2, 12.91N, 0.04, 124.56E, 0.07, h40km, 13km, n108, e144/94, mb4.5/34, MS3.4/22, 6C-6D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMPH Masbate, MMPH, RCP Roxas, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, BNSI Bone, KAPI Kappang, etc.

1032

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEYT Alibeck, ABKAR Abkulak array, ARU Ari, etc.

IDC 24 09:18:29.4, 13.0, 15.12S, 165.46E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/37, mbtmp3.5/4, ML2.9/1, Error ellipse: s-maj=232.0km s-min=36.6km az=54.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM, STKA Stephens Creek, etc.

IDC 24 09:34:12.4, 39.0, 17.58S, 179.77E, h533km, 153km, mb2.9/3, mb1 3.1/3, mb1mx2.8/30, mbtmp3.9/3, Error ellipse: s-maj=854.5km s-min=110.1km az=80.0, Fiji Islands

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

NOU 24 09:59:59.8, 38.35S, 178.56E, h0km, ML4.1/8, Off E, Coast of N. Island, N.Z.

WEL 24 10:00:04.6, 0.5, 38.35S, 178.56E, h0km, 2km, M3.6/50, ML4.1/41, MLv3.6/50, Error ellipse: s-maj=0.0km s-min=0.0km az=96.6, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWGZ Tauwhareparea, PUZ Pukeiti, CNGZ Carnagh Statio, etc.

Table with columns: DUVWZ, D'Urville Isla, TCW, NZZ, Nelson, values, P, Pn, time, Res

IDC 24 10:00:23.7-8.0, 37.89Sx:178.09E, h0km, mb4.0/2, mb1 4.2/2, mb1mx3.8/30, mbtmp4.0/2, Error ellipse: s-maj=326.6km, s-min=61.8km, az=166.0

WEL 24 10:00:26.2, 38.9, 21.17 SE, h16km-dkm, M3.9/27, M.L4.3/11, M.LV3.9/27, Error ellipse: s-maj=0.0km, s-min=0.0km, az=68.9

ISC 24 10:00:26.5-1.0, 38.24S-0.02-178.22E.04, h19km, 2km, n30, e093/45, Off east coast of North Island

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

IDC 24 10:00:23.3-1.6, 30.54S:71.71W, h0km, mb3.8/4, mb1 4.0/7, mb1mx3.8/20, mbtmp3.8/7, M.L3.4/3, M.S3.3/5, Ms1 3.3/5, ms1mx3.1/22, Error ellipse: s-maj=44.8km, s-min=35.7km, az=171.0

GUC 24 10:43:23.0-1.4, 30.49S:72.17W, h37km, 8km, M.L3.8, NEIC 24 10:43:24.9-2.0, 30.43S:0.05:71.96W, h18km, 1km, mb4.5/8, Mwr4.0/36, M.L3.8(GUC), Error ellipse: s-maj=10.8km, s-min=3.0km, az=94.0

NEIC 24 10:43:24.9, 30.43S:71.96W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr=0.04, Mw=0.35, Mbs=0.34, Mo=0.19, Mbs-0.34, Mw-1.24, Fault plane solution: M1:35000-1015, NP1:74,72000, 820.60000, 1.178.20000, NP2:166.41000, 889.37000, 1.629.41000, Principal axes: T:1.2188, Plg42.0000, Azm57.0000, N:0.2261, Plg21.0000, Azm167.0000; P:-1.4449, Plg41.0000, Azm276.0000

ISC 24 10:43:24.9-0.6, 30.44S:0.04:72.01W, h21km, 4km, n56, e1916/0m, mb4.1/6, 2C-4D, Off coast of central Chile

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

Table with columns: LPAZ, SIV, SAML, BDFB, BDFB, OBIP, SNAAS, SNAAS, QSPA, TXAR, DBIC, NVAR, YHH, YHH, TORO, TORO, TORO, TORO, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR

IDC 24 11:14:54.0-0.7, 51.67N:175.37W, h0km, mb3.7/11, mb1 4.0/13, mb1mx3.8/61, mbtmp3.7/13, M.L3.9/2, M.S3.8/2, Ms1 3.8/2, ms1mx2.7/47, Error ellipse: s-maj=32.1km, s-min=14.0km, az=164.0

AEIC 24 11:14:59.1, 8.1, 63N:107.175W, h0.07, h31km, 6km, Error ellipse: s-maj=12.7km, s-min=5.8km, az=162.0

NEIC 24 11:15:00.7, 1.8, 51.68N:0.09:175.17W, h0.07, h35km, 5km, mb4.0/29, M.L3.8/33(AEIC), Error ellipse: s-maj=13.3km, s-min=5.0km, az=164.0

ISC 24 11:15:00.8-1.4, 51.77N:175.21W, h0.04, h47km, 12km, n98, e094/91, mb3.9/16, Andean/Indian Islands

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

IDC 24 11:15:10.8, 38.31S:178.70E, h0km, M.L3.9/5, Off E. Coast of N. Island, N.Z.

WEL 24 11:15:17.5, 38.31S:178.70E, h17km, 4km, M3.3/65, M.L3.5/74, M.L3.3/65, Error ellipse: s-maj=0.0km, s-min=0.0km, az=67.3, Off east coast of North Island

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

Table with columns: KLR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, NEW, MCMT, BOZ, BOZ, NVAR, KSRs, BW06, PD31, PD31, PDAR, PDAR, TXAR, MKAR, MKAR, CTA, WRA, ASAR, H03N2, H03N1, H03N3, MAW, MAW, BOSA, BOSA

NOU 24 11:15:10.8, 38.31S:178.70E, h0km, M.L3.9/5, Off E. Coast of N. Island, N.Z.

WEL 24 11:15:17.5, 38.31S:178.70E, h17km, 4km, M3.3/65, M.L3.5/74, M.L3.3/65, Error ellipse: s-maj=0.0km, s-min=0.0km, az=67.3, Off east coast of North Island

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

24d 11h

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

IDC 24 11:19:00.8:17.0,1.64N-124.13E,h416km,231km, mb2.9/4,mb1 3.1/5,mb1mx2.8/43,mbtmp3.7/5, Error ellipse: s-maj=5.3km s-min=35.3km az=91.0, Minahasa Peninsula, Sulawesi

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

BUJ 24 11:29:43.0:0.0,29.11N-102.10E,h20km,mb4.7/21, mb4.5/33,ML4.3/24,Ms4.1/32,Ms7.4/0/32, IDC 24 11:29:44.5:2.9,29.16N-102.19E,h34km,23km,mb4.1/23, mb1 4.2/25,mb1mx0.6/0,mbtmp4.3/25,ML4.0/2,MS3.5/18, Ms1.3/5/18,ms1mx3.3/45, Error ellipse: s-maj=16.6km s-min=10.9km az=59.0

MOS 24 11:29:44.5:0.9,29.14N-102.20E,h49km,mb4.7/26, Error ellipse: s-maj=8.5km s-min=5.5km az=108.9, NEIC 24 11:29:47.9:1.2,29.21N-102.09E,0.107E:0.09,h58km,7km, mb4.7/68, Error ellipse: s-maj=12.8km s-min=11.8km az=124.0

ISC 24 11:29:41.6:0.3,29.20N-104.00E,102.22E:0.04,h10km,n185, a151/191,mb4.6/70,MS3.5/19,7C-3D,Sichuan

Main table for 24d 11h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2, KMI, GYA, ENH, etc.

2015 OCT

Main table for 2015 OCT section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ, DL2, SONM, etc.

1034

Main table for 1034 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AB31, ABKAR, KAPI, etc.

24d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PSA00, AS31 Alice Springs, ASAR Alice Springs, etc.

IDC 24 13:19:26.1±0.9, 12.73°N-123.59°E, h0km, mb4.0/8, mb1 4.0/8, mb1mx3.7/43, mbtmp4.0/8, MS3.0/3, Ms1 3.0/3, ms1mx2.5/44, Error ellipse: s-maj=41.2km s-min=17.0km az=69.0

MAN 24 13:19:27.9, 12.82°N-123.59°E, h11km, mb5.0, ML4.0, MS4.0

ISC 24 13:19:28.6±1.5, 12.81°N-123.59°E, h15km±9km, n27, r±132/23, mb3.9/8, 5C-4D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MMPH Masbate, RCP Roxas, etc.

INET 24 13:21:55.1, 11.33°N-86.84°W, h112km, ML3.6, Near coast of Nicaragua

TAP 24 13:22:49.6, 22.56°N-120.94°E, h8km±1km, MLO.5, D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ECL Taimali, EAST Anshuo, etc.

SOME 24 13:36:42.9, 42.18°N-83.23°E, h5km, NNC 24 13:36:43.6±1.9, 42.23°N-83.27°E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=14.4km s-min=7.4km az=146.0

ISC 24 13:36:45.3±1.9, 42.27°N-83.19°E, h10km, n35, r±244/55, 6C-7D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KTM5 Ketmen, KTM5 Podgornoye, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KTM5 Ketmen, PDGK Podgornoye, UZB Uzynbulak, etc.

NEIC 24 13:38:56.4±1.3, 32.82°S-105.177°W, h10km±2km, mb4.5/12, Error ellipse: s-maj=29.0km s-min=6.3km az=101.0

IDC 24 13:38:58.0±0.8, 32.83°S-177.94°W, h0km, mb4.6/10, mb1 4.7/13, mb1mx4.4/41, mbtmp4.6/13, ML4.6/3, MS3.7/5, Ms1 3.7/5, ms1mx3.3/33, Error ellipse: s-maj=23.6km s-min=18.4km az=107.0

ISC 24 13:38:59.4±0.6, 32.76°S-178.0°W, h10km, n84, r±149/94, mb4.5/14, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

1036

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, WMGZ Waikomati S, etc.

IDC 24 13:44:47.3±2.1, 9.34°S-126.43°E, h0km, mb3.5/1, mb1 3.6/3, mb1mx3.4/39, mbtmp3.4/3, ML3.7/1, Error ellipse: s-maj=177.0km s-min=34.0km az=59.0, Taiwan region

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

BUI 24 13:54:26.1,0.6,53S,149.79E,h42km,mB5.1/31,
mb4.9/43,Ms4.8/20,Ms7 4.5/20
IDC 24 13:54:30.0,1.5,6.35S,149.39E,h39km,12km,mb4.7/27,
mb1 4.7/31,mb1mx4.7/40,mbmp4.9/31,ML4.4/3,MS4.1/28,
Ms1 4.1/28,ms1mx4.0/36,Error ellipse: s-maj=11.6km
s-min=8.4km az=106.0
NEIC 24 13:54:30.5,2.5,6.38S,0.07,149.35E,0.09,h45km,5km,
mb4.8/41,Error ellipse: s-maj=12.7km s-min=9.3km
az=112.0
DJA 24 13:54:31.9,0.3,6.5S,2.14,9E, h52km,4km, M5.0/41,
mB5.3/14,mb4.9/41,MLV5.5/3,MW(MB)4.8/14
GCMT 24 13:54:32.0,0.2,6.59S,0.01,149.32E,0.02,h32km,
MW5.0/83, Moment tensor: s72.c97; s83.c124;
Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr3.74±.15;
Mw-3.95±.09; Mw-0.20±.10; Mn-12.12; Mw-0.57±.08;
Mw-0.31±.17; Best double couple: M4.436000×10¹⁶
Np1.3±277.000000,δ31.000000,λ89.000000. NP2:
0.98.000000,δ59.000000,λ90.000000. Principal axes: T
4.2920,Plg76.0000, Azm9.0000; N 0.2810,Plg0.0000,
Azm278.0000; P -4.5800,Plg14.0000, Azm188.0000;
nslat1 refers to body waves, cutoff=40s. nsta2 refers to
surface waves, cutoff=50s. Triangular moment-rate
function

ISC 24 13:54:30.9,0.8,6.44S,0.05,149.36E,0.05,h50km,6km,
n226,σ175/227,mb4.8/62,MS4.3/32,1C-6D,New Britain
region

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
							h m s	ISC
RABL	Rabaul	3.57	52	Op	Pn		13 55 23	-1.7
PMG	Port Moresby	3.67	216	Pn	Pn		13 55 26.7	+1.5
PMG					Sn		13 56 09.6	+2.3
PMG					LR		13 56 59.4	
PMG	Port Moresby	3.67	216	Pn	Pn		13 55 25.4	+0.2
MANU	Manus Island	4.73	359	Pn	Pn		13 55 39.9	-0.7
MMPI	Merauke	9.12	257	P	Pn		13 56 38.6	-1.5
JAY	Jayapura	9.46	294	Pn	Pn		13 56 45.6	+0.8
JAY	Jayapura	9.46	294	Pn	LR		14 00 03.0	
JAY	Jayapura	9.46	294	Pn	Pn		13 56 43.7	-1.0
COEN	Coen	9.64	219	P	Pn		13 56 47.0	-0.1
COEN	Coen	9.64	219	Pn	Pn		13 56 47.0	-0.1
HNR	Honiara	10.90	107	LR	LR		13 59 45.0	
SMPI	Sarmi	11.50	292	P	Pn		13 57 12.6	+0.1
MTSU	Mount Surisipi	12.63	202	P	Pn		13 57 29.3	+1.3
SRPI	Serui, Papua	13.84	289	P	Pn		13 57 43.7	-0.9
CTA	Charters Tower	13.90	192	Pn	Pn		13 57 46.9	+1.5
CTA					LR		14 02 44.4	
CTAO	Charters Tower	13.90	192	Pn	Pn		13 57 46.0	+0.6
BAKI	Biak	14.21	291	P	Pn		13 57 49.8	+0.3
QIS	Mount Isa	16.93	213	P	Pn		13 58 24.5	0.0
FAK	Fak Fak	17.04	281	P	Pn		13 58 29.2	-1.2
KDU	Kakadu	17.76	248	P	Pn		13 58 33.9	-0.8
SIJI	Sorong	18.88	286	LR	LR		14 08 08.0	
SWI	Sorong	18.88	286	P	P		13 58 46.0	-1.4
EIDS	Eidsvold	18.90	175	P	Pn		13 58 49.4	+0.9
EIDS	Eidsvold	18.90	175	P	P		13 58 44.9	-2.6
MTN	Manton Dam	19.05	249	P	P		13 58 49.5	+0.2
MTN	Manton Dam	19.05	249	P	P		13 58 47.5	-1.8
WBO	Warramunga Arr	19.67	226	P	P		13 59 03.9	+0.5
WBO					Iamb		13 59 04.9	
WR0	Warramunga Arr	19.69	226	P	P		13 58 55.8	-0.4
WR0					Iamb		13 59 10.1	
WC3	Warramunga Arr	19.81	226	P	P		13 58 57.4	-0.1
WRAB	Tennant Creek	19.81	226	P	P		13 58 57.5	0.0
WRAB					Iamb		13 59 00.3	
WB2	Warramunga Arr	19.82	226	P	P		13 58 57.3	-0.3
WB2					Iamb		13 59 00.3	
WRA	Warramunga Arr	19.82	226	P	P		13 58 58.0	+0.4
WRA					S		14 02 32.1	-6.3
WRA					ScP		14 06 48.0	+1.6
WRA					LR		14 07 41.5	
WRA	Warramunga Arr	19.82	226	P	P		13 58 57.5	-0.2
WRA	Roma	19.95	182	P	Pn		13 59 01.2	+0.2
GUMQ	Guam	20.39	347	P	P		13 59 03.9	+0.1
GUMQ					LR		14 06 04.3	
GUMQ					LR		13 59 04.1	+0.4
GMSA	Masohi	20.59	278	P	P		13 59 04.7	-1.2
GMSA					Pn		13 59 08.3	-0.6
QLP	Quilpie	22.62	193	P	Pn		13 59 08.3	-0.6
KNRA	Kununurra	22.18	244	P	P		13 59 22.3	-0.7
KNRA	Kununurra	22.18	244	P	P		13 59 22.0	-1.0
KNRA					Iamb		13 59 34.3	
NOUC	Port Laguerre	22.59	135	P	P		13 59 30.6	+3.2
DZM	Mont Dzumac	22.67	135	P	P		13 59 29.2	+0.8
DZM					LR		14 05 33.7	
DZM	Mont Dzumac	22.67	135	P	P		13 59 28.8	+0.4
DZM					Iamb		13 59 36.3	
DZM					eS		14 03 24.0	-9.3
DZM					eLR		14 04 45.6	
DZM	Mont Dzumac	22.67	135	P	P		13 59 29.8	+1.4
AS31	Alice Springs	22.68	219	P	P		13 59 29.0	+0.6
ASAR	Alice Springs	22.68	219	P	P		13 59 28.9	+0.5
ASAR					PcP		14 03 20.6	+1.0
ASAR					S		14 03 36.2	+3.0
ASAR					ScP		14 06 56.1	+2.8
ASAR					LR		14 08 47.5	
ASAR					ScS		14 10 36.9	-2.2
ASAR	Alice Springs	22.68	219	P	P		13 59 28.2	-0.1
ASPA	Alice Springs	22.68	219	P	P		13 59 29.0	+0.6
ONTNC	Ouen Toro	22.83	135	P	P		13 59 27.8	-2.1
ONTNC					Iamb		13 59 39.4	
YATNC	Mamie plateau	22.98	134	P	P		13 59 32.9	+1.4
TNTI	Ternate	23.09	287	P	P		13 59 32.2	-0.4
OUENC	Ouen Island, N	23.18	135	P	P		13 59 33.7	+0.3
SANI	Sanana	23.70	280	P	P		13 59 36.1	-2.4
PINNC	Pines Island,	23.73	135	P	P		13 59 40.3	+1.7
PINNC					Iamb		13 59 57.4	
ARMA	Armidale	23.95	175	P	P		13 59 41.9	+1.1
ARMA	Armidale	23.95	175	P	P		13 59 41.7	+1.0

SOEI	Soe	25.05	261	P	P		13 59 50.7	-0.3
SOEI	Soe	25.05	261	P	P		13 59 50.7	-0.3
CMSA	Cobar Meteorol	25.21	187	P	P		13 59 52.7	+0.9
BATA	Baumata	25.69	260	P	P		13 59 57.4	+0.7
BATI	Baumata	25.69	260	P	P		13 59 57.2	+0.5
FITZ	Fitzroy Crossi	25.87	241	P	P		13 59 58.5	+0.3
FITZ	Fitzroy Crossi	25.87	241	P	P		13 59 58.5	+0.3
FITZ	Fitzroy Crossi	25.87	241	P	P		14 04 27.9	+3.1
FITZ	Fitzroy Crossi	25.87	241	P	ScP		14 07 05.0	+2.9
FITZ	Fitzroy Crossi	25.87	241	P	ScP		14 11 32.7	
FITZ	Fitzroy Crossi	25.87	241	P	P		13 59 58.8	+0.5
STKA	Stevens Creek	26.33	195	P	P		14 00 04.5	+2.3
STKA	Stevens Creek	26.33	195	P	P		14 00 03.5	+1.2
STKA					ScP		14 07 09.7	+6.4
STKA					LR		14 11 07.8	
STKA					LR		13 59 59.4	-2.9
MMRI	Maumere	26.97	264	P	P		14 00 04.8	-3.4
MMRI	Maumere	26.97	264	P	P		14 00 05.8	-2.4
DAV	Daya City (W)	27.25	299	P	LR		14 12 23.5	
WRKA	Warakurna	27.36	225	P	P		14 00 11.9	+0.2
HTT	Hallett	28.56	198	P	P		14 00 23.3	+1.1
MSVF	Nonsauv	30.17	114	P	P		14 00 38.2	+1.5
MSVF	Nonsauv	30.17	114	P	P		14 00 38.2	+1.5
TOO	Tooolangi	31.19	186	P	P		14 00 45.9	+1.4
TOO	Tooolangi	31.19	186	P	Iamb		14 00 46.1	-0.3
FOR	Forrest	31.40	217	P	P		14 00 47.8	+0.5
PSA00	Pilbara Seismi	32.25	239	P	P		14 00 53.3	-1.6
PSA00					Iamb		14 00 56.1	
PSA00	Pilbara Seismi	32.25	239	P	P		14 00 54.7	-0.2
PSA00					Iamb		14 00 56.1	
JCW	Chichijima	34.05	349	P	P		14 01 10.0	-0.5
JAGI	Jajaja Banyuya	34.96	264	P	P		14 01 15.7	-2.9
JAGI	Jajaja Banyuya	34.96	264	P	P		14 01 15.9	-3.1
MEEK	Meekatharra	35.92	232	P	P		14 01 23.9	+0.7
MORW	Morawa	38.66	230	P	P		14 01 50.6	+0.7
MORW	Morawa	38.66	230	P	Iamb		14 01 50.7	
JOW	Kunigami	38.87	329	P	P		14 01 51.1	-0.6
AWI	Afiama	39.82	104	P	P		14 01 52.2	-0.1
NFAC	Narogin (SR)	39.82	104	P	LR		14 19 53.7	
KPJI	Karang Pucung	40.14	266	P	P		14 02 02.0	-0.4
YULB	Yu-li	40.38	318	P	Iamb		14 02 03.2	-1.0
YULB					Iamb		14 02 12.3	
TPUB	Tapu	40.76	317	P	P		14 02 05.1	-2.3
TPUB					Iamb		14 02 10.0	
SSLB	Suanguang	40.88	318	P	P		14 02 07.0	-1.3
SSLB					Iamb		14 02 13.7	
CISI	Cisompot, Garu	41.24	266	P	P		14 02 08.7	-2.9
LEM	Lembang	41.45	267	P	P		14 02 12.3	-1.1
CNJI	Cibinong	41.92	266	P	P		14 02 17.0	-0.1
JNU	Nakatsue	43.08	337	P	P		14 02 24.9	-1.3
JNU	Nakatsue	43.08	337	P	P		14 02 25.1	-1.1
MJAR	Matsushiro Arr	44.01	347	P	P		14 02 31.6	-2.0
MJAR					PcP		14 04 19.1	+0.5
MJAR	Matsushiro Arr	44.01	347	P	P		14 02 32.0	-1.6
MAJO	Matsushiro	44.01	347	P	P		14 02 31.1	-2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TORO Torodi Ar. Bea, WRA Warramunga Arr, ZALV Zalesovo Beam.

NOU 24 14:56:20.9, 21:31S:170.01E, h0km, ML4.1/11, Southeast of Loyalty Islands

NOU 24 14:56:22.5, 9, 21:04S:170.06E, h55km, 47km, mb3.7/6, mb1 3.9/7, mb1mx3.6/30, mbtmp3.9/7, ML3.6/1, Error ellipse: s-maj=37.5km s-min=36.2km az=93.0

NOU 24 14:56:26.6, 1.0, 21:24S:0.09:169.8E:0.1, h90km, n27, a117/30, mb3.8/6, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MARNC Mare, Loyalty, WRA Warramunga Arr, ASAR Alice Springs.

IDC 24 15:12:56.9, 3.3, 24:36S:179.50E, h494km, 19km, mb3.0/4, mb1 3.2/6, mb1mx3.0/4, mbtmp4.0/6, Error ellipse: s-maj=58.7km s-min=33.6km az=103.0

IDC 24 15:12:56.1, 2.0, 24:55S:0.1, 179.7E:0.3, h500km, n6, a076/9, mb3.6/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonsavu, URZ Urewera, STKA Stephens Creek.

MAN 24 15:14:04.5, 12.96N:124.61E, h1km, mb4.4, ML3.3, MS3.1, IDC 24 15:14:08.0, 0.1, 12.28N:124.59E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/4, mbtmp3.5/4, Error ellipse: s-maj=250.3km s-min=28.7km az=63.0

IDC 24 15:14:04.5, 1.2, 12.94N:0.06:124.57E:0.07, h10km, n18, a150/17, mb3.6/4, SC-1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MMPH Masbate, RCP Roxas, JNCP Jose Panganiban, WRA Warramunga Arr.

NOU 24 15:34:31.9, 14.50S:167.28E, h138km, ML4.1/13, Vanuatu Islands

IDC 24 15:34:39.2, 10.0, 15:07S:167.26E, h148km, 64km, mb3.2/3, mb1 3.4/4, mb1mx3.1/33, mbtmp3.7/4, MS3.1/1, Ms1 3.1/1, ms1mx2.3/12, Error ellipse: s-maj=89.5km s-min=42.3km az=35.0

IDC 24 15:34:36.2, 1.9, 14.9S:0.1x167.3E:0.2, h129km, n15, a083/15, mb3.5/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SANVU Sarauoutou, DVP Devils Point, RTV Rentapao, KOUNC Koumac, New Ca.

IDC 24 15:37:58.2, 7.9, 32.59S:178.29W, h0km, mb3.4/2, s-maj=96.0km s-min=65.0km az=160.0, South of Kermadec Islands

IDC 24 15:38:02.6, 3.8, 6.64S:149.36E, h75km, 36km, mb3.6/4, mb1 3.8/6, mb1mx3.4/35, mbtmp4.0/6, ML4.1/1, MS2.2/1, Ms1 2.2/1, ms1mx2.1/26, Error ellipse: s-maj=33.0km s-min=24.4km az=145.0

IDC 24 15:38:00.7, 1.2, 6.55S:0.2, 149.4E:0.2, h50km, n10, a139/10, mb3.9/4, New Britain region

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

ECGS 24 15:40:24.0, 0.69S:0.05:29.43E:0.08, h4km, 10km, ML2.6, Error ellipse: s-maj=13.5km s-min=7.9km az=85.1, smi/local/ac0c048b-bd4a-4aa4-b343-6a714807d0e0 Note: Depth/Latitude/Longitude errors are calculated from covariance matrix as 1D marginal (Lon/Lat errors as great circle degrees) while Origin Uncertainty min/max horizontal errors are calculated from 2D error ellipsoid and are therefore seemingly higher compared to 1D errors. Error estimates can be reconstructed from the following original NonLinLoc error statistics file: STATISTICS ExpectX 47.5378 Y 88.5028 Z 7.8482 CovXX 79.1117 Y 4.48105 XZ -2.09911 YZ 2.7313 YZ -14.4635 ZZ 114.357 EIAI2 355.614 Dip1 9.07449 Len1 9.40742 A22 266.396 Dip2 -4.88577 Len2 16.722 Len3 2.031530e+01

IDC 24 15:40:22.5, 2.2, 0.75S:0.1, 29.4E:0.1, h10km, n9, a0842/10, Zaire

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KTSBH Kitshanga, RGB Rumangabo, SAHA Sahara, KBT Kibati, RSY Rusayo, GOM Goma, MBAR Mbarara.

IPEC 24 15:48:55.1, 0.3, 51.56N:16.12E, h0km, ML2.5/4, Error ellipse: s-maj=1.9km s-min=1.5km az=58.0

IDC 24 15:48:57.6, 0.8, 51.45N:16.00E, h0km, mb1 3.3/7, mb1mx3.2/46, mbtmp3.2/7, ML2.8/7, Error ellipse: s-maj=13.8km s-min=7.9km az=112.0

VIE 24 15:48:57.8, 0.5, 51.42N:16.01E, h0km, mb2.6/4, ml2.7/4, Error ellipse: s-maj=9.6km s-min=3.9km az=43.0 78 km WWV of Wroclaw Suspected Mining induced.

DNK 24 15:48:57.3, 1.1, 51.59N:16.18E, h272km, 213km, ML2.2 PRU 24 15:48:58.0, 0.0, 51.44N:16.09E, h0km

IDC 24 15:48:54.9, 0.7, 51.55N:0.03:16.12E:0.02, h0km, n40, a1560/80, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KSP Ksiadz, KSP KSP, CHVC Chvalec, OSTO Ostas, UJC Ujcie, DPC Dobruska-Polom, PVEC Panska Ves, BRG Berggishubel, KRLC Kralicky, PRA Prague, PRU Pruhoonice, PRU Pruhoonice, CLL Colim.

CELL comp=2.24nm, 0.8s eSg Sg 15 49 59.0 +0.9

MORC Moravsky Beroun 1.99 153 ePn Pn 15 49 30.4 +0.5

MORC comp=2.26nm, 0.5s, baz=334 eSg Sb 15 49 57.7 +0.3

OKC Ostrava-Krasne 2.15 142 ePg Pp 15 49 35.9 -0.1

OKC comp=2.41nm, 0.8s eSg Sg 15 50 02.3 +0.6

VRAC Vrano 2.27 172 Pn Pn 15 49 34.5 +0.9

VRAC comp=2.17nm, 0.3s, baz=247, slow=16, SNR=13 eSg Sg 15 50 05.6

VRAC comp=2.44nm, 0.3s, baz=254, slow=23, SNR=8.4 eSg Sg 15 49 34.2 +0.6

VRAC comp=2.33nm, 0.5s, baz=353 eSg Sb 15 50 06.4 +1.1

PBBC Pribram 2.31 217 ePn Pn 15 49 34.2 0.0

PBBC comp=2.19nm, 0.5s, baz=353 ePg Pp 15 49 35.8 +0.6

KRUC Moravsky 2.50 176 ePn Pn 15 49 37.0 +0.2

KRUC comp=2.20nm, 0.5s, baz=356 eSg Sb 15 50 13.6 +1.7

KRUC Moravsky 2.50 176 ePn Pn 15 49 37.1 +0.2

KRUC comp=2.20nm, 0.5s, baz=356 eSg Sb 15 50 13.7 +1.8

NKC Novy Kostel 2.68 242 ePn Pn 15 49 40.5 +1.2

NKC comp=2.20nm, 0.5s, baz=353 ePg Pp 15 49 46.4 +0.2

NKC comp=2.38nm, 0.4s eSg Sg 15 50 21.1 +0.3

OJC Ojcov 2.68 118 ePg Pp 15 49 45.8 +2.2

OJC comp=2.20nm, 0.5s, baz=340 eSg Sg 15 50 23.6 +2.6

JAVC Velka Javorina 2.87 159 ePn Pn 15 49 42.4 +0.4

JAVC comp=2.20nm, 0.7s, baz=340 eSg Sg 15 50 25.4 +0.8

KHC Kasperske Hory 2.92 215 ePn Pn 15 49 43.5 +0.8

KHC comp=2.20nm, 0.5s, baz=340 eSg Pp 15 49 46.9 +1.7

KHC comp=2.12nm, 0.5s eSg Sg 15 50 18.1 -0.4

CKRC Cesky Krumlov 2.97 204 ePn Pn 15 49 44.6 +1.3

CKRC comp=2.15nm, 0.5s eSg Sb 15 49 50.3 +1.6

GERES GERES Array B 3.13 211 Pn Pn 15 49 52.5 +1.1

GERES comp=2.9nm, 0.3s, baz=30, slow=17, SNR=41 eSg Sg 15 50 18.6 -5.0

GERES comp=2.17nm, 0.3s, baz=38, slow=21, SNR=5.7 eSg Sg 15 50 32.9

LANS Liptovska Anna 3.22 137 eSg Pp 15 49 56.4 -0.2

LANS comp=2.33nm, 0.3s, baz=29, slow=30, SNR=10 eSg Pp 15 50 04.2 +1.9

MODS Modra-Piesok 3.27 166 ePg Pp 15 49 56.9 -0.6

MODS comp=2.22nm, 0.8s eSg Sg 15 50 37.1 +3.0

NIE Nyzdica 3.43 127 ePg Pp 15 50 01.3 +0.9

NIE comp=2.20nm, 0.5s, baz=15, slow=14, SNR=2.1 eSg Sg 15 50 45.8 +1.2

NYHS Nyhne 3.52 149 ePg Pp 15 50 02.2 -0.2

CONA Conrad Observa 3.63 183 ePn Pn 15 49 53.6 +1.1

CONA comp=2.06nm, 0.2s, SNR=5.2 eSg Sg 15 50 52.8 +1.3

MOA Molln 3.90 199 ePn Pn 15 49 57.1 +1.1

MOA comp=2.14nm, 0.6s eSg Sg 15 50 02.9 +2.8

ARSA Arzbach 4.32 185 ePn Pn 15 50 03.0 +1.1

ARSA comp=2.22nm, 0.8s eSg Sg 15 51 16.1 +2.3

BLEU Bleuz 4.76 358 ePn Pn 15 50 08.2 +0.3

BLEU comp=2.94nm, 0.8s ePn Pn 15 50 10.0 +2.2

KBA Koelnbreinspre 4.83 203 ePn Pn 15 51 03.6 -0.1

KBA comp=2.5, 1nm, 0.5s eSg Sg 15 50 09.8 +0.8

BUJU Bjuv 4.89 339 iP Sg 15 50 12.1 +2.5

BUJU comp=2.5, 1nm, 0.5s iP Sg 15 51 05.6 -1.2

DEL Delary 5.10 346 iP Sg 15 50 14.0 +1.5

DEL comp=2.5, 1nm, 0.5s iP Sg 15 51 10.4 -1.7

DEL comp=2.1, 2nm, 0.4s iAML Sg 15 51 13.7

DAVOX Davos/Dinchnat 6.29 223 Pn Pn 15 50 29.3 +0.2

DAVOX comp=2.0, 2nm, 0.3s, baz=24, slow=12, SNR=2.4 eSg Sg 15 52 14.4

AKAGS Malin Array B 8.29 91 Pn Pn 15 50 56.6 +0.4

AKAGS comp=2.0, 1nm, 0.3s, baz=22, slow=12, SNR=2.1 eSg Sg 15 50 56.6 +0.4

HFS Hagfors 8.71 352 Pn Pn 15 51 03.5 +1.5

HFS comp=2.1, 1nm, 0.3s, baz=15, slow=14, SNR=2.1 eSg Sg 15 51 03.5 +1.5

FINES Finess Array B 11.32 25 Pn Pn 15 51 38.0 +0.3

FINES comp=2.0, 2nm, 0.3s, baz=220, slow=13, SNR=7.7 eSg Sg 15 53 37.4 -7.4

FINES comp=2.0, 1nm, 0.3s, baz=213, slow=20, SNR=1.9 eSg Sg 15 53 10.6 -2.5

ARCES ARCES Array B 18.58 10 Pn Pn 15 51 10.7

ARCES comp=2.1, 1nm, 0.3s, baz=193, slow=15, SNR=1.2 eSg Sg 15 51 10.7

IDC 24 16:06:30.3, 1.4, 23.98S:175.29W, h0km, mb4.4/9, mb1 4.6/11, mb1mx4.3/27, mbtmp4.4/11, ML5.3/1, MS3.7/16, Ms1 3.7/16, ms1mx3.6/25, Error ellipse: s-maj=50.4km s-min=22.8km az=65.0

IDC 24 16:06:33.0, 2.7, 24.25S:0.1x175.07W:0.09, h24km, n49, a182/32, mb3.4/5, MS3.8/13, South of Tonga Islands

MSVF Nonsavu 9.08 314 Op ISC h m s ISC 16 08 39.8 -3.0

MSVF comp=1.1nm, 0.3s, baz=139, slow=15, SNR=12 eSg Sg 16 11 39.5

AFI Afiamalu 10.68 18 Pn Pn 16 08 54.7 -1.0

AFI comp=2.1nm, 0.3s, baz=207, slow=6.8, SNR=1.7 eSg Sg 16 08 54.7 -1.0

RAR Rarotonga 14.43 81 Pn Pn 16 10 41.9 -2.2

RAR comp=1.9nm, 0.3s, baz=171, slow=22, SNR=1.5 eSg Sg 16 10 41.9 -2.2

RAR comp=1.7nm, 0.3s, baz=22, slow=19, SNR=3.9 eSg Sg 16 12 20.3 -1.5

RAR comp=2.16nm, 19.6s, baz=275, slow=35 eSg Sg 16 15 05.0

URZ Urewera 15.53 204 Sg Sg 16 15 00.4 -1.6

URZ comp=0.3nm, 0.3s, baz=116, slow=22, SNR=2.1 eSg Sg 16 15 05.2

URZ comp=2.161nm, 20.3s, baz=31, slow=33 eSg Sg 16 15 04.7 +1.3

OUENC Ouen Island, N 16.71 272 P P 16 10 30.4 +2.5

OUENC comp=1.5nm, 0.6s, baz=65, slow=11, SNR=5.8 eSg Sg 16 10 30.4 +2.5

YATNC Mamie plateau, 16.71 274 P P 16 10 39.3 +7.3

YATNC comp=1.5nm, 0.6s, baz=65, slow=11, SNR=5.8 eSg Sg 16 10 39.3 +7.3

DZM Mont Dzumac 17.13 273 Pn Pn 16 10 30.3 -0.9

DZM comp=0.3nm, 0.3s, baz=88, slow=16, SNR=22 eSg Sg 16 10 30.3 -0.9

DZM comp=2.26nm, 19.1s, baz=11, slow=34 eSg Sg 16 16 05.6

DZM Mont Dzumac 17.13 273 ePn Pn 16 10 31.5 -1.2

DZM comp=44nm, 1.0s eLR LR 16 14 27.0

DZM comp=2.303nm, 24.0s eSg Sg 16 10 35.0 +2.3

NOUC Port Laguerre 17.25 273 P P 16 10 35.9 +1.9

PPT2 Papeete2 24.69 79 eLR LR 16 18 05.6

PPT Papeete 24.69 79 LR LR 16 21 01.5

PPT comp=2.180nm, 18.4s, baz=281, slow=35 eSg Sg 16 22 59.6

CTA Charters Tower 35.98 269 P P 16 13 31.5 -0.9

CTA comp=5.3nm, 0.6s, baz=65, slow=11, SNR=5.8 eSg Sg 16 13 31.5 -0.9

STKA Stephens Creek 38.81 249 LR LR 16 29 11.2

STKA comp=2.231nm, 19.1s, baz=249, slow=35 eSg Sg 16 29 11.2

ASAR Alice Springs 46.42 260 P P 16 14 57.3 -1.0

ASAR comp=3.2nm, 0.9s, baz=91, slow=8.5, SNR=3.2 eSg Pp 16 14 57.3 -1.0

ASAR comp=0.7nm, 0.8s, baz=104, slow=3.9, SNR=2.2 eSg Pp 16 16 34.4 +1.4

WRA Warramunga Arr 46.87 265 P P 16 14 59.3 +2.5

WRA comp=3.8nm, 0.4s, baz=90, slow=5.9, SNR=30 eSg Sg 16 14 59.3 +2.5

MJAR Matsushiro Arr 74.77 323 LR LR 16 49 32.1

MJAR comp=2.24nm, 19.9s, baz=90, slow=35 eSg Sg 16 49 32.1

MAW Mawson 79.02 199 LR LR 16 53 48.5

MAW comp=2.81nm, 18.3s, baz=57, slow=36 eSg Sg 16 53 48.5

PETK Petropavlovsk- 80.53 344 P P 16 18 42.2 -0.8

PETK comp=4.3nm, 0.8s, baz=157, slow=8.0, SNR=5.7 eSg Sg 16 18 42.2 -0.8

KSR5 Korea Array 81.42 318 LR LR 16 49 44.0

KSR5 comp=2.50nm, 19.5s, baz=152, slow=32 eSg Sg 16 49 44.0

ONTNC	Ouen Toro	15.07 298	P	Pn	17 34 38.3 +0.4
ONTNC	Ouen Toro	15.07 298	P	Pn	17 34 38.7 +0.8
DZM	Mont Dumac	15.21 299	P	P	17 34 39.8 +0.2
DZM	Mont Dumac	15.21 299	P	S	17 37 19.6 -2.9
DZM	Mont Dumac	15.21 299	P	Pn	17 34 40.1 +0.5
DZM	Mont Dumac	15.21 299	eP	P	17 34 39.8 +0.2
DZM	Mont Dumac	15.21 299	P	Pn	17 34 40.3 +0.7
NOUC	Port Laguerre	16.35 299	P	P	17 34 41.1 +0.5
DVP	Devils Point	16.35 310	P	P	17 34 58.2 -1.5
WKZ	Wanaka	17.23 209	P	Iamb	17 34 58.1 -1.3
WKZ	Wanaka	17.23 209	P	Iamb	17 35 37.7
WKZ	Wanaka	17.23 209	P	Iamb	17 35 37.7
AFI	Afiamalau	17.67 25	P	S	17 37 59.1 -2.9
AFI	Afiamalau	17.67 25	P	S	17 35 02.2 -2.2
AFI	Afiamalau	17.67 25	P	S	17 37 59.5 -1.2
KOUNC	Koumang	17.73 299	P	Pn	17 35 07.2 -1.6
LHI	Lord Howe Isla	18.66 261	P	P	17 35 16.2 +1.4
LHI	Lord Howe Isla	18.66 261	P	Iamb	17 35 13.9 -0.9
LHI	Lord Howe Isla	18.66 261	P	Iamb	17 36 13.0
SANVU	Saraoutou	19.30 317	P	P	17 35 19.7 -2.0
SANVU	Saraoutou	19.30 317	P	Iamb	17 35 26.3
SANVU	Saraoutou	19.30 317	P	P	17 35 22.8 +1.1
RAR	Rarotonga	19.69 67	P	P	17 35 27.5 +1.7
ARMA	Armidale	25.11 262	P	P	17 36 16.7 +0.8
ARMA	Armidale	25.11 262	P	P	17 36 18.1 +2.2
ARMA	Armidale	25.11 262	P	Iamb	17 36 20.9
MGCD	Mangrove Creek	25.35 256	P	P	17 36 21.9 +4.1
EIDS	Eidsvold	26.66 273	P	P	17 36 30.5 +0.9
EIDS	Eidsvold	26.66 273	P	Iamb	17 36 30.1 +0.5
EIDS	Eidsvold	26.66 273	P	Iamb	17 36 32.7
RMQ	Roma	28.36 270	P	P	17 36 44.9 +0.3
PPT2	Papeete	29.81 72	eP	S	17 36 58.5 +1.0
PPT2	Papeete	29.81 72	eP	S	17 41 26.1 -4.2
PPT2	Papeete	29.81 72	eP	S	17 43 51.0
PPT2	Papeete	29.81 72	eP	LQ	17 45 04.2
PPT2	Papeete	29.81 72	eP	LR	17 45 04.2
PPT	Papeete	29.81 72	P	P	17 36 58.5 +1.0
TIAR	Tiare	30.01 72	eP	P	17 37 00.1 +0.8
TOO	Toolangi	30.03 246	P	P	17 37 01.3 +2.0
TOO	Toolangi	30.03 246	P	P	17 37 00.4 +1.1
TOO	Toolangi	30.03 246	P	P	17 37 00.4 +1.1
TOO	Toolangi	30.03 246	P	P	17 37 00.4 +1.1
TOO	Toolangi	30.03 246	P	P	17 37 01.3 +1.9
QLP	Quilpie	32.24 267	P	P	17 37 19.3 +0.7
VAH	Vaihoo	32.63 70	eP	P	17 37 22.5 +0.5
CTA	Charters Tower	32.72 280	P	P	17 37 23.7 +0.9
CTA	Charters Tower	32.72 280	P	P	17 43 13.4 +0.5
CTA	Charters Tower	32.72 280	P	P	17 37 23.2 +0.4
CTA	Charters Tower	32.72 280	P	P	17 37 23.2 +0.4
CTA	Charters Tower	32.72 280	P	P	17 37 25.9
STKA	Stephens Creek	33.47 257	P	P	17 37 30.2 +1.1
STKA	Stephens Creek	33.47 257	P	P	17 37 30.0 +1.3
STKA	Stephens Creek	33.47 257	P	P	17 37 30.6 +1.3
STKA	Stephens Creek	33.47 257	P	P	17 37 29.8 +0.7
MTSU	Mount Surprise	35.22 282	P	P	17 37 45.1 +0.9
HTT	Hallett	35.51 254	P	P	17 37 47.5 +1.0
PMG	Port Moresby	37.58 296	P	P	17 40 15.6 +1.2
PMG	Port Moresby	37.58 296	P	P	17 43 32.9 +2.3
PMG	Port Moresby	37.58 296	P	P	17 38 03.9 -0.2
PMG	Port Moresby	37.58 296	P	P	17 43 32.4 +1.7
PMG	Port Moresby	37.58 296	P	P	17 38 04.9 +0.9
BBOO	Bucklebo	37.97 254	P	P	17 38 07.3 +0.2
BBOO	Bucklebo	37.97 254	P	P	17 38 06.8 -0.3
QIS	Mount Isa	38.23 275	P	P	17 38 09.7 +0.3
KWAJ	Kwajalein Atol	40.85 340	P	P	17 38 30.6 -0.1
KWAJ	Kwajalein Atol	40.85 340	P	P	17 38 30.6 -0.1
KWAJ	Kwajalein Atol	40.85 340	P	P	17 38 31.1 +0.4
AS31	Alice Springs	42.05 267	P	P	17 38 39.6 -0.9
AS31	Alice Springs	42.05 267	P	P	17 39 44.5 +1.0
ASAR	Alice Springs	42.05 267	P	P	17 38 39.6 -0.8
ASAR	Alice Springs	42.05 267	P	P	17 43 47.9 -0.2
ASAR	Alice Springs	42.05 267	P	P	17 44 32.1 -3.1
ASAR	Alice Springs	42.05 267	P	P	17 38 39.7 -0.8
ASAR	Alice Springs	42.05 267	P	P	17 39 44.8 +1.2
ASAR	Alice Springs	42.05 267	P	P	17 43 47.4 -0.7
ASAR	Alice Springs	42.05 267	P	P	17 38 41.5 -1.0
ASAR	Alice Springs	42.05 267	P	P	17 39 47.5 +1.7
ASAR	Alice Springs	42.05 267	P	P	17 40 30.6 +1.0
PATS	Pohnpei	42.72 326	P	P	17 38 44.9 -0.9
PATS	Pohnpei	42.72 326	P	P	17 38 44.5 -1.2
PATS	Pohnpei	42.72 326	P	P	17 38 45.7
PATS	Pohnpei	42.72 326	P	P	17 40 31.9 -0.8
WR0	Warramunga Arr	42.84 273	P	Iamb	17 38 46.0 -0.8
WR0	Warramunga Arr	42.84 273	P	Iamb	17 38 48.6
WR0	Warramunga Arr	42.84 273	P	P	17 39 51.8 +1.6
WR0	Warramunga Arr	42.84 273	P	P	17 40 30.5 -1.0
WR0	Warramunga Arr	42.84 273	P	P	17 43 52.5 +1.2
WB2	Warramunga Arr	43.01 273	P	Iamb	17 38 47.5 -0.7
WB2	Warramunga Arr	43.01 273	P	Iamb	17 38 49.5
WB2	Warramunga Arr	43.01 273	P	P	17 40 31.3 -0.7
WRAB	Tennant Creek	43.02 273	eP	P	17 38 47.2 -1.0
WRAB	Tennant Creek	43.02 273	P	P	17 38 47.5 -0.7
WRAB	Tennant Creek	43.02 273	P	Iamb	17 38 49.4
WRAB	Tennant Creek	43.02 273	P	Iamb	17 38 47.5 -0.7
WRAB	Tennant Creek	43.02 273	P	P	17 40 30.6 -1.5
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.4 -0.9
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1 -0.0
WRA	Warramunga Arr	43.02 273	P	P	17 43 52.5 +0.5
WRA	Warramunga Arr	43.02 273	P	P	17 44 45.3 -4.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39 52.3 +0.6
WRA	Warramunga Arr	43.02 273	P	P	17 40 32.1
WRA	Warramunga Arr	43.02 273	P	P	17 38 47.6 -0.7
WRA	Warramunga Arr	43.02 273	P	P	17 39

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ARVC Arvin, CNBA Chernabura Isl, MURC Murrieta, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NVAR Arvin, NVAR CO03, J01E Myrtle Point, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TIY Taiyuan, G08A Pilot Rock, XAN Xian, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SONM, SOMN, INUK, ZAK, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KMBO, KMBQ, KMBP, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ODDI, RCY, PABU, etc.

Table with columns: Code, Name, Time, Res, and other details. Includes entries like LOT, OKC, Ostrava-Krasne, etc.

Table with columns: Code, Name, Time, Res, and other details. Includes entries like BCLA, MOA, Clavier, Molin, etc.

Table with columns: Code, Name, Time, Res, and other details. Includes entries like COEN, SOEI, Manton Dam, etc.

Code Station Name Az Az' Phase ID Time Res
SMP1 Sarmi 0.56 66 Op PSC h m s ISC
SRI1 Serui, Papua 1.99 280 P S Sg 17 43 12.8 +0.9
BAK1 Biak 2.33 296 P Pn 17 43 16.2 -0.4
JAY1 Jayapura 2.52 97 Pn 17 43 17.2 -2.1

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like TIXI, GAR, CHGR, etc.

OSPL 24 17:43:57.6:0.9, 19.90N:74.77W, h7km, 13km, ML3.2
SSNC 24 17:43:58.2:1.2, 19.83N:0.05:74.55W:0.03, h13km, 10km, n17, r174/30, 1C, Cuba region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like MAS, GTBY, GTO, etc.

IDC 24 17:52:48.1:3.4, 30.94N:141.25E, h0km, mb3.7/3, mb1.3/8, mb1mx3.4/54, mbtmp3.7/6, ML3.0/3, Error ellipse: s-maj=143.3km s-min=17.9km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like JHJ, JCJ, MJAR, etc.

IDC 24 17:54:20.2:0.2, 31.26N:142.37E, h0km, mb3.9/5, mb1.3/9, mb1mx3.6/50, mbtmp3.9/9, ML3.3/4, Error ellipse: s-maj=86.5km s-min=17.3km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like JCJ, CHC, JGF, etc.

IDC 24 17:58:09.8:0.7, 30.87S:72.69W, h0km, mb4.1/8, mb1.4/4, 1/1, mb1mx2.2/22, mbtmp4.2/11, ML4.3/3, MS3.2/3, MS1.3.2/3, ms1mx3.0/22, Error ellipse: s-maj=25.5km s-min=21.7km az=93.0

NEIC 24 17:58:10.0:3.0, 30.79S:0.0:72.73W:0.0:4, h1(km), 1km, mb4.7/9, ML4.4(GUC), Error ellipse: s-maj=7.7km s-min=5.9km az=162.0

VAO 24 17:58:10.4:0.5, 30.95S:72.70W, h10km, mb4.4, GUC 24 17:58:11.9:0.6, 30.80S:72.71W, h65km, 20km, ML4.5, ISC 24 17:58:09.6:0.9, 30.80S:0.0:72.76W:0.0:5, h6km, 5km, n142, r180/162, mb4.6/24, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like CO06, CO05, CO05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like VA04, PB14, PB10, etc.

24d 19h

Table with columns: MKAR, Makanchi Array, 154.99 43 PKP, PKPdf, 18 18.031 -0.1, comp=Z, 0.4nm, 0.7s, baz=280, slow=3.5, SNR=4.5

IDC 24 18:17:19.4-0.8, 30.665S:71.65W, h0km, mb4.0/7, mb1.4/1.2, mb1mx4.0/29, mbtmp3.9/12, ML3.8/5, MS3.3/5, Ms1.3/3.5, ms1mx3.0/23, Error ellipse: s-maj=26.7km s-min=19.7km az=120.0

NEIC 24 18:17:21.9, 30.635S:71.74W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr:0.77; Mth:0.02; Mtt:0.79; Mtr:0.23; Mtr:0.11; Mtr:0.89; Fault plane solution: Mo:1.21000x10^15 NP1:166.93000x0.689, 77000x1.86, 06000x0. NP2:358.18000x2.0, 59000x1.100, 55000x0. Principal axes: T:1.956, P:166.0000x, Azm:70.0000x, N:0.0226, P:14.0000x, Azm:168.0000x; P:1.2181, P:1625.0000x, Azm:260.0000x

SJA 24 18:17:22.0, 30.585S:71.971W, h10km, ML4.4

NEIC 24 18:17:23.1, 7.3063S:104.7170W, h21km, 4km, mb4.4/1.0, Mw4.0, 0.22ML4.4(GUC), Error ellipse: s-maj=8.3km s-min=5.9km az=98.0

GUC 24 18:17:24.0, 0.6, 30.715S:71.68W, h25km, 5km, ML4.1

ISC 24 18:17:19.9, 1.6, 30.64S:0.03:71.84W, h0.06, h6km, 10km, n122, e1945/123, mb4.3/9, MS3.5/3, Near coast of central Chile

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

AROD Rodeo 2.10 78 i P Pb 18 17 58.0 -0.5

VA01 Torpederas 2.38 176 Pn Pb 18 18 00.9 +1.4

VA03 San Esteban 2.39 153 eP Ss 18 18 02.2 -1.2

VA03 San Esteban 2.39 153 eP Ss 18 18 03.6 +1.3

VA03 San Esteban 2.39 153 i P Pb 18 18 03.0 -0.4

VA03 San Esteban 2.39 153 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.39 153 i S Ss 18 18 31.9 +1.3

VA03 San Esteban 2.43 163 i P Pb 18 18 02.0 +1.5

VA03 San Esteban 2.43 163 i S Ss 18 18 05.0 +0.2

VA03 San Esteban 2.52 116 Pn Pb 18 18 02.1 +0.8

VA03 San Esteban 2.52 116 Pn Pb 18 18 02.7 +0.7

VA03 San Esteban 2.62 128 i P Pb 18 18 07.0 -0.5

VA03 San Esteban 2.62 167 eP Ss 18 18 05.0 +1.3

VA03 San Esteban 2.68 167 i S Ss 18 18 38.3 +1.9

VA03 San Esteban 2.68 167 i P Pb 18 18 56.6

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.4

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

VA03 San Esteban 2.68 167 i P Pb 18 18 03.0 -0.5

2015 OCT

Table with columns: ITOB, Itaqui, 13.20 90 Pn Pn, 18 20 25.5 -2.5

IDC 24 18:21:15.2, 56.0, 21.99S:176.55W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/20, mbtmp3.9/3, Error ellipse: s-maj=1029.0km s-min=174.8km az=85.0

NEIC 24 18:22:31.7, 2.2, 85.0:2x179.8W:0.2, h560km, 15km, mb4.2/1.8, Error ellipse: s-maj=27.1km s-min=21.6km az=58.0

ISC 24 18:22:26.6, 1.7, 23.05S:102x179.5W:0.2, h526km, n24, e1915/23, mb4.1/11, South of Fiji Islands

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

WRAB Warramunga Arr 123.76 210 PKP PKPdf 18 36 18.2 -1.1

H1S1 WAKE ISLAND Hy25.94 271 T T 20 55 04.3

H1S3 WAKE ISLAND Hy25.94 271 T T 20 55 04.3

ZALV Zalesovo Beam 151.26 29 PKP Pb 18 37 13.8 -0.2

MKAR Makanchi Array 154.33 44 PKP Pb 18 37 20.6 -0.4

MKAR Makanchi Array 154.33 44 PKP Pb 18 37 35.0 0.0

MARNC Mare, Loyalty 11.63 275 P P 18 25 02.8 +1.6

PINNC Pines Island, 12.03 269 P P 18 25 07.3 +1.9

ARMA Armadale 26.75 248 P P 18 27 23.7 -0.5

CTAO Charters Tower 31.92 269 P P 18 28 10.2 +1.1

RABL Rabaul 33.16 300 P P 18 28 19.9 +0.3

PMG Port Moresby 34.63 288 P P 18 28 29.5 -2.5

STKA Stephens Creek 35.46 247 P P 18 28 37.8 -1.0

BBOO Buckleboe 40.20 246 P P 18 29 15.0 -2.4

ASAR Alice Springs 42.62 260 P P 18 29 36.5 -0.2

ASAR Alice Springs 42.62 260 P P 18 29 36.5 -0.2

WARO Warramunga Arr 42.92 265 P P 18 29 38.8 -0.1

WB2 Warramunga Arr 42.92 265 P P 18 29 38.9

WB2 Warramunga Arr 42.92 265 P P 18 29 38.7 -0.2

WRAB Warramunga Arr 42.92 265 P P 18 29 38.9

WRAB Warramunga Arr 42.92 265 P P 18 29 39.0 0.0

1046

Table with columns: RUS, Russkaya, 5.31 239 eP Pn, 18 33 27.2 +4.5

OSPL 24 18:35:03.8, 0.8, 20.25N:74.72W, h54km, 71km, ML2.6

SSNC 24 18:35:04.9, 2.1, 19.93N:74.55W, h5km, 12km, MD2.9, ML2.2, MW2.7

ISC 24 18:35:03.6, 1.2, 19.94N:0.07x74.62W:0.03, h23km, 13km, n8, e06/15, Cuba region

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

NNC 24 19:01:47.7, 1.5, 40.86N:75.88E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=10.8km s-min=6.8km az=164.0

SOME 24 19:01:47.9, 40.87N:75.77E, h15km

KRNET 24 19:01:48.1, 0.1, 40.92N:75.77E, h13km, mb3.0

KNET 24 19:01:50.0, 0.6, 41.05N:75.72E, h0km, m12.6, Error ellipse: s-maj=4.5km s-min=2.8km az=146.0

ISC 24 19:01:44.8, 1.6, 40.67N:0.06x75.61E:0.03, h8km, 11km, n66, e125/104, 31C-21Z, Kyrgyzstan-Xinjiang border region

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

ARLS Aral 1.54 321 i P Pn 19 02 14.6 +0.3

ARLS Aral 1.65 17 i P Pn 19 02 34.6 +0.4

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

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ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

ULHL Ulahl 1.65 17 i P Pn 19 02 32.7 -3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANVS, MDOK, MDOK, MRKS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WARR, ALICE, CMAR, ILAR, etc.

MKAR Makanchi Array 83.49 319 P P 19 16 30.1 -0.5
0.2nm, 0.6s, baz=79, slow=7.5, SNR=2.5
IDC 24 19:06:01.8: 1.0, 30.62S: 71.57W, h0km, mb4.2/5, mb1 4.1/9, mb1mx3.9/28, mbtmp4.0/9, ML3.8/4, MS3.1/5, Ms1 3.1/5, ms1mx2.9/24, Error ellipse: s-maj=35.5km s-min=24.6km az=115.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Fray Jorge, La Serena, Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC, WRA, H11S1, H11S2, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DR12, SDD, BANI, etc.

24d 20h

Table with columns: SDDR, Presa de Saban, 2.21 282, IAML, 19 24 26.7, etc. Includes various station codes and coordinates.

IDC 24 19:29:33.9, 0.8, 32.73Sx177.99W, h0km, mb4, 3/5, mb1 4.4/6, mb1mx3.1/23, mbtmp4.2/6, ML3.8/1, MS3.4/1, Ms1 3.4/7, ms1mx3.1/26, Error ellipse: s-maj=26.2km s-min=23.9km az=21.0

NEIC 24 19:29:35.9, 1.4, 32.6S:0.1x178.0W:0.2, h10km, 1km, mb4, 6/16, Error ellipse: s-maj=27.9km s-min=20.5km az=120.0

ISC 24 19:29:38.9, 0.6, 32.77S:0.07x178.0W:0.1, h34km, n53, e113/48, mb4, 6/11, MS3.4/6, South of Kermadec Islands

Main table for the left column containing station codes (RAO, URZ, URZ, etc.), station names, coordinates, and other data.

2015 OCT

Table for Southeast of Honshu with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Boso 3, etc.

IDC 24 19:38:45.5, 1.8, 32.84Sx173.14W, h0km, mb4, 0/3, mb1 4.2/4, mb1mx3.8/24, mbtmp4.0/4, ML3.8/1, MS3.4/1, Ms1 3.4/1, ms1mx2.0/27, Error ellipse: s-maj=39.7km s-min=30.9km az=7.2

ISC 24 19:38:44.9, 1.5, 32.7S:0.1x178.0W:0.2, h10km, n25, e248/26, mb4, 0/3, South of Kermadec Islands

Main table for the middle column containing station codes (GLKZ, MXZ, WMGZ, etc.), station names, coordinates, and other data.

IDC 24 20:20:25.8, 5.5, 53.80N:160.09W, h0km, mb3, 6/2, mb1 3.7/5, mb1mx3.4/54, mbtmp3.5/5, ML3.4/3, Error ellipse: s-maj=141.7km s-min=25.9km az=149.0

NEIC 24 20:20:35.7, 1.1, 54.72N:0.05x160.46W:0.05, h24km, 11km, Error ellipse: s-maj=7.2km s-min=3.1km az=201.0

AEIC 24 20:20:35.1, 3.5, 74.1N:0.05x160.46W:0.08, h11km, 6km, ML3.6, mb3.7/2(NEIC), ML3.7/13(NEIC), Error ellipse: s-maj=8.7km s-min=5.7km az=146.0

ISC 24 20:20:33.7, 0.8, 54.69N:0.06x160.43W:0.04, h13km, n135, e109/137, Alaska Peninsula

Main table for the middle column containing station codes (CNBA, CHNA, SDPT, etc.), station names, coordinates, and other data.

1048

Table for Katmai Knife C, Okmok New Cone, etc. with columns: KAKN, OKNC, OHAK, etc., coordinates, and other data.

IDC 24 20:53:36.5, 0.3, 59.7S:0.1x26.7W:0.4, h122km, 9km, mb4, 3/12, Error ellipse: s-maj=32.0km s-min=11.9km az=63.0

IDC 24 20:53:39.1, 6.3, 59.73S:26.75W, h151km, 53km, mb4, 3/1, mb1 4.0/2, mb1mx3.3/25, mbtmp4.5/2, Error ellipse: s-maj=66.8km s-min=19.0km az=100.0

ISC 24 20:53:38.4, 0.7, 59.8S:0.1x26.7W:0.2, h150km, n20, e078/20, mb4, 0/3, South Sandwich Islands region

Main table for the right column containing station codes (VNA1, VNA3, VNA2, etc.), station names, coordinates, and other data.

JMA 24 19:37:56.0, 1.0, 30.48N:139.01E, h424km, M3.5,

ILAR Eielson Array 152.69 306 PKPbc PKIKP 21 13 16.3 +0.5

IDC 24 20:55:08.8z.2.6, 17.405x178.90W, h551km, 22km, mb3.3/6, m1 3.4/7, mb1mx3.0/47, mbtmp4.3/7, Error ellipse: s-maj=22.7km s-min=16.0km az=48.0

NEIC 24 20:55:10.6z.0.8, 17.79S:0.2z.178.81W:0.04, h558km, 10km, mb4.2/21, Error ellipse: s-maj=28.4km s-min=4.9km az=182.0

ISC 24 20:55:08.7z.1.0, 17.8S:0.2z.178.9W:0.1, h539km, n37, o#80/36, mb4.2/16, Fijil Islands region

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

Table with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations from U38A to JFWS.

SJA 24 21:24:40.2z.0.8, 31.45S:71.77W, h14km, 4km, ML5.1, M4.8
VAO 24 21:24:41.8z.0.4, 31.34S:71.23W, h10km, mb5.2
MOS 24 21:24:43.3z.1.1, 31.35S:71.27W, h39km, mb5.4/9, Error ellipse: s-maj=13.4km s-min=6.9km az=95.7

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations from AAGR to JFWS.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Smith Ranch, WMOK, KSU1, etc.

MDD 25 01:43:52.5-0.6, 36.53N-3.07E, h0km, mb3.7/4, Error ellipse: s-maj=5.3km s-min=3.2km az=141.0, PRXIMO, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EIBI, ETOS, EMUR, etc.

WEL 25 01:54:09.3-1.0, 33.520°W-18°0'27.7, h320km, 25km, M3.8/15, mb4.5/9, ML4.2/24, MLV4.1/15, Mw(mb)3.6/9, Error ellipse: s-maj=0.0km s-min=0.0km az=123.4, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, HAZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAHZ, BHZH, KRHZ, etc.

IDC 25 02:08:46.7-1.3, 55.35S-27.47W, h0km, mb3.8/4, mb1.3/9.5, mb1mx3.7/30, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=47.4km s-min=25.5km az=68.0

ISC 25 02:08:48.1-1.4, 55.35S-02-27.5W, h0.3, h10km, n7, +0615/7, mb3.9/3, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAA, PMSA, GQSA, etc.

IDC 25 02:08:58.1-4.1, 24.22S-177.05W, h78km, 35km, mb3.8/5, mb1.4/2.7, mb1mx3.9/27, mbtmp4.3/7, MS3.2/2, Ms1.3.6/2, mb1mx2.8/23, Error ellipse: s-maj=53.8km s-min=19.3km az=150.0

NEIC 25 02:08:59.5-2.4, 24.54S-0103.176W, h1.0, h100km, gkm, mb4.4/15, Error ellipse: s-maj=16.5km s-min=2.9km az=91.0

ISC 25 02:09:00.2-0.8, 24.57S-0108.1767W, h1.0, h100km, n31, +194/29, mb4.3/12, South of Fiji Islands

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

IDC 25 02:09:27.9-0.5, 55.37S-27.61W, h0km, mb4.5/12, mb1.4/6.13, mb1mx4.3/29, mbtmp4.5/13, ML4.3/1, MS3.8/1, Ms1.3.7/1, mb1mx3.3/8, Error ellipse: s-maj=17.7km s-min=15.8km az=61.0

NEIC 25 02:09:39.4-1.1, 55.45S-01-27.8W, h2.0, h130km, 4km, mb4.8/37, Error ellipse: s-maj=17.6km s-min=13.9km az=208.0

GCMT 25 02:09:35.4-0.3, 55.19S-0102-27.92W, h0.05, h20km, 2km, MW5.0/66, Moment Tensor Solution. s19c22: s66c81; Duration: 0 Moment tensor: Scale 1018Nm; Mr1.16t.23; Mw-2.0t3.15; Mw0.8t6.14; Mw-2.4t8.40; Mw0.19t.21; Mw0.6t5.39; Best double couple: Mw3.39200x1016 NP1.0t1.57.00000, +631.00000, -1.150.00000. NP2: 0.273.00000, +375.00000, +63.00000. Principal axes: T 2.6190, P1952.0000, Azm151.0000; N 1.5399, P1952.0000, Azm200.0000; P -4.1650, P1952.0000; COYC 0.2m4.0000; nst1 refers to body waves, cutoff=40s; nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 02:09:29.3-0.4, 55.37S-027.71W, h0.08, h10km, n90, +080/82, mb4.8/21, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WRO, WB2, etc.

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

comp=Z,144nm,19.0s,baz=134,slow=38

comp=Z,2.39nm,1.2s

comp=Z,2.20nm,1.1s

comp=Z,35nm,1.3s

comp=Z,2.3nm,0.6s,baz=222,slow=8.0,SNR=8.9

comp=Z,30nm,1.4s

comp=Z,7.3nm,0.6s,baz=172,slow=3.8,SNR=8.3

comp=Z,6.5nm,1.0s,baz=207,slow=6.6,SNR=5.4

comp=Z,1.0nm,0.9s

comp=Z,7.3nm,0.7s,baz=187,slow=6.7,SNR=31

comp=Z,9.2nm,0.8s

comp=Z,190,slow=74,SNR=3.4

comp=Z,2.2nm,0.5s,baz=146,slow=5.3,SNR=17

comp=Z,2.2nm,1.1s

comp=Z,5.6nm,0.6s,baz=146,slow=5.3,SNR=17

comp=Z,2.2nm,1.3s

comp=Z,2.7nm,1.1s

comp=Z,4.5nm,0.9s,baz=202,slow=12,SNR=3.0

comp=Z,1.6nm,1.3s

comp=Z,2.3nm,0.5s,baz=205,slow=6.1,SNR=8.7

comp=Z,9.7nm,0.8s

comp=Z,6.2nm,0.7s

comp=Z,8.5nm,1.0s

comp=Z,0.9nm,0.8s,baz=179,slow=4.3,SNR=5.4

comp=Z,0.2nm,0.6s,baz=108,slow=2.9,SNR=2.1

comp=Z,1.8nm,0.6s,baz=126,slow=1.5,SNR=9.4

comp=Z,0.3nm,0.3s,baz=304,slow=3.6,SNR=2.3

comp=Z,1.4nm,0.9s,baz=231,slow=7.1,SNR=4.5

comp=Z,0.6nm,0.9s,baz=236,slow=2.5,SNR=3.1

comp=Z,2.1nm,0.9s,baz=321,slow=3.5,SNR=1.7

comp=Z,2.4nm,1.1s

comp=Z,1.2nm,1.0s,baz=111,slow=12,SNR=32

comp=Z,1.4nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

comp=Z,1.9nm,0.8s,baz=149,slow=3.1,SNR=32

1057

TWC	baz=18	S	Sg	03 01 20.0 +1.2	
NDS	baz=18 Dongshan	0.40 360	P	Pb	03 01 14.9 -0.4
NDS	baz=359	S	Sb	03 01 20.5 -1.2	
NDT	baz=359 Datong Townshi	0.41 333	i P	Pb	03 01 15.6 0.0
NDT	baz=332	i S	Sb	03 01 22.1 0.0	
WHF	baz=332 Hehuan Shan	0.42 258	i P	Pg	03 01 15.1 +0.7
WHF	baz=257	S	Sb	03 01 22.0 -0.7	
ENTT	baz=257 Nioudou	0.43 341	P	Pb	03 01 15.7 -0.1
ENTT	baz=341	S	Sb	03 01 22.1 -0.4	
FUSS	baz=341 Fushou	0.43 272	P	Pg	03 01 15.3 +0.8
FUSS	baz=271	S	Sb	03 01 22.0 -0.9	
ESL	baz=211 Shilin	0.49 212	e P	Pg	03 01 15.5 0.0
ESL	baz=211	e S	Sg	03 01 22.4 +0.4	
TWT	baz=211 Tachien	0.50 272	e P	Pb	03 01 17.1 0.0
TWT	baz=271	e S	Sb	03 01 25.1 +0.5	
TDCB	baz=272 Techi	0.51 272	P	Pb	03 01 17.2 -0.1
TDCB	baz=272	e S	Sb	03 01 24.6 -0.4	
CHGB	baz=272 Renai	0.53 251	P	Pb	03 01 17.1 -0.5
CHGB	baz=250	S	Sb	03 01 24.4 -1.1	
YHNB	baz=250 Yeheng	0.54 324	i P	Pb	03 01 17.8 +0.1
YHNB	baz=324	S	Sg	03 01 24.5 +1.0	
NSK	baz=324 Sanguang	0.55 323	i P	Pb	03 01 18.0 0.0
NSK	baz=323	i S	Sb	03 01 26.3 +0.3	
OWD	baz=323 Renai	0.57 241	P	Pb	03 01 18.2 -0.1
OWD	baz=240	S	Sb	03 01 25.9 -0.7	
NWL	baz=240 Wulai	0.58 340	P	Pb	03 01 18.4 0.0
NWL	baz=339	S	Sb	03 01 26.7 -0.1	
EGFH	baz=339 Guangfu	0.62 205	e P	Pb	03 01 19.4 +0.2
EGFH	baz=205	e S	Sb	03 01 28.9 +0.8	
NTC	baz=205 Toucheng	0.63 9	e P	Pb	03 01 19.2 0.0
NTC	baz=9.0	e S	Sb	03 01 27.9 -0.3	
WHP	baz=9.0 Taichung City	0.71 274	e P	Pb	03 01 20.9 +0.3
WHP	baz=273	S	Sb	03 01 31.3 +0.7	
TIPB	baz=273 Shuangxi	0.74 7	e P	Pb	03 01 21.3 0.0
TIPB	baz=7.0	e S	Sb	03 01 31.2 -0.4	
TWA	baz=7.0 Mucha	0.75 351	e P	Pb	03 01 21.1 -0.3
TWA	baz=351	e S	Sb	03 01 32.7 +0.8	
WCS	baz=351 Beigang Elemen	0.76 257	e P	Pb	03 01 21.6 +0.1
WCS	baz=256	e S	Sb	03 01 32.6 +0.7	
LIOB	baz=256 Emei	0.76 303	e P	Pb	03 01 21.8 +0.2
LIOB	baz=302	e S	Sb	03 01 33.0 +1.0	
NSTT	baz=302 Nanjuang	0.77 301	e P	Pb	03 01 21.5 -0.1
NSTT	baz=301	e S	Sb	03 01 32.9 +0.8	
HGSD	baz=301 Ruisui	0.79 200	e P	Pb	03 01 22.1 +0.2
HGSD	baz=200	e S	Sn	03 01 34.1 -1.3	
TWB1	baz=200 Santiao Chiao	0.81 18	e P	Pb	03 01 22.5 +0.1
TWB1	baz=18	e S	Sb	03 01 34.4 +0.9	
SMLT	baz=18 Sun Moon Lake	0.83 245	P	Pb	03 01 22.8 +0.1
SMLT	baz=244	e S	Sb	03 01 34.9 +0.9	
SSLB	baz=244 Suanglung	0.83 238	e P	Pb	03 01 22.4 -0.2
SSLB	baz=237	e S	Sb	03 01 34.4 +0.4	
NWF	baz=237 Wu-fen Shan	0.84 4	e P	Pb	03 01 22.9 +0.1
NWF	baz=3.0	e S	Sb	03 01 34.9 +0.6	
TYC	baz=3.0 Yuch	0.85 248	e P	Pb	03 01 23.4 +0.3
TYC	baz=247	S	Sb	03 01 35.5 +0.8	
TWQ1	baz=247 Liyutan	0.87 278	e P	Pb	03 01 23.6 +0.2
TWQ1	baz=277	e S	Sb	03 01 36.9 -0.6	
YM01	baz=277 YM01	0.92 352	e P	Pb	03 01 24.3 +0.1
YM01	baz=351	e S	Sn	03 01 38.1 -0.7	
YULB	baz=351 Yu-li	0.92 205	e P	Pg	03 01 22.8 -0.9
YULB	baz=204	e S	Sb	03 01 36.9 +0.2	
WHYT	baz=204 Xinyi Township	0.96 236	e P	Pb	03 01 25.1 +0.2
WHYT	baz=235	e S	Sn	03 01 38.8 -0.9	
WJS	baz=235 Zhushan	0.99 246	e P	Pb	03 01 25.8 +0.3
WJS	baz=245	e S	Sb	03 01 40.3 -0.3	
ALS	baz=245 Alishan	1.10 229	e P	Pb	03 01 27.5 0.0
ALS	baz=228	e S	Sn	03 01 43.5 -0.1	
CHN5	baz=228 Tsauling	1.14 237	e P	Pn	03 01 28.6 +0.2
CHN5	baz=236	e S	Sn	03 01 44.6 +0.2	
YOJ	baz=236 Yonaguni jima	1.20 79	e P	Pn	03 01 29.4 +0.3
YOJ	baz=78	e S	Sn	03 01 46.0 +0.4	
WDLH	baz=78 H Douliu	1.21 244	e P	Pn	03 01 29.7 +0.5
WDLH	baz=243	e S	Sn	03 01 46.9 +1.1	
WDLH	baz=243	e S	Sn	03 01 46.9 +1.1	
WRL	baz=243 Guolierin Hig	1.27 255	e S	Pn	03 01 48.3 +1.0
WRL	baz=254	e P	Pg	03 01 31.5 +0.3	
EDH	baz=196 Tuku	1.33 246	e S	Sn	03 01 49.4 +1.0
WTK	baz=245 Tuku	1.33 246	e S	Sg	03 01 49.7 +0.8
CHN4	baz=245 Tsauhsan	1.35 230	e P	Pb	03 01 31.7 +0.1
CHN4	baz=229	e S	Sb	03 01 50.6 +1.0	
TPUB	baz=229 Ta-pu	1.36 227	P	Pb	03 01 31.7 -0.1
TPUB	baz=227	e S	Sg	03 01 50.4 +0.5	
STYH	baz=227 Taoyuan	1.37 219	e P	Pb	03 01 31.8 0.0
STYH	baz=219	e S	Pg	03 01 50.8 +0.9	
WTP	baz=219 Ta-pu	1.41 226	e P	Pb	03 01 32.6 0.0
WTP	baz=225				

2015 OCT

WTP	baz=225	e S	Sg	03 01 51.9 +0.5	
LONT	baz=225 Longtian	1.43 202	e S	Sg	03 01 52.2 +0.3
CHN1	baz=202 Nanshi	1.51 227	e P	Pb	03 01 34.1 -0.2
CHN1	baz=226	e S	Sg	03 01 54.2 -0.4	
SLGT	baz=226 Liugui	1.58 219	e P	Pb	03 01 35.2 -0.2
SLGT	baz=216	e S	Sg	03 01 56.7 0.0	
MASBT	baz=216 Mashbuluo	1.90 212	e P	Pn	03 01 39.2 +0.5
MASBT	baz=211	e S	Sb	03 02 04.5 -0.3	
PHUB	baz=211 P'eng-hu	2.09 250	e P	Pn	03 01 42.3 +0.9
PHUB	baz=249				
TAP 25 03:01:24.6,24:72N,122:59E,h104km,ML3.5,C					
JMA 25 03:01:24.5,0.2,24:61N,122:55E,h107km,2km,M2.2					
ISC 25 03:01:25.6,1.3,24:66N,122:57E,0.02,h96km,7km,					
n91,c085/176,Taiwan region					
Code	Station Name	Δ° AZ'	Phase ID	Time	Res
JYNG	Yonagunijimaku	0.40 122	Op	h m s	ISC
JYNG			Pn	03 01 40.5 +0.2	
YOJ	Yonaguni jima	0.45 116	P	03 01 52.3 +1.1	
YOJ			Pn	03 01 40.8 +0.2	
YOJ	baz=129	S	Sn	03 01 52.6 +0.9	
YOJ	Yonaguni jima	0.45 116	P	03 01 40.8 +0.2	
YOJ			Sn	03 01 52.7 +0.9	
TWB1	Santiao Chiao	0.63 303	e P	03 01 42.1 +0.1	
TWC	baz=296	P	Pn	03 01 42.0 -0.3	
TWC	baz=257	S	Sn	03 01 54.5 -0.3	
NTC	Toucheng	0.70 286	e P	03 01 42.3 -0.4	
NTC	baz=279	e S	Sn	03 01 55.0 -0.5	
TIPB	Shuangxi	0.75 295	e P	03 01 42.6 -0.6	
TIPB	baz=285	e S	Sn	03 01 55.5 -0.8	
EWUT	Wuta	0.76 254	e P	03 01 43.2 0.0	
EWUT	baz=250	S	Sn	03 01 57.0 +0.6	
ILA	baz=250 ilan	0.76 278	e P	03 01 43.1 -0.1	
ILA	baz=272	e S	Sn	03 01 56.0 -0.4	
NDS	Dongshan	0.78 268	P	03 01 43.7 +0.3	
NDS	baz=262	S	Sn	03 01 56.9 +0.1	
ENA	Nanau	0.79 253	P	03 01 43.6 0.0	
ENA	baz=249	S	Sn	03 01 57.4 +0.4	
NWF	Wu-fen Shan	0.83 300	e P	03 01 43.7 -0.4	
NWF	baz=289	e S	Sn	03 01 56.9 -0.9	
ENTT	Nioudou	0.92 269	P	03 01 45.4 +0.5	
ENTT	baz=268	e S	Sn	03 01 59.4 0.0	
TWA	baz=268 Mucha	0.95 290	e P	03 01 44.8 -0.5	
TWA	baz=278	e S	Sn	03 01 58.8 -1.2	
NDT	Datong Townshi	0.97 267	P	03 01 45.9 +0.5	
NDT	baz=264	e S	Sn	03 02 00.5 +0.2	
NWL	Wulai	0.98 277	e P	03 01 45.4 -0.2	
NWL	baz=279	e S	Sn	03 01 60.0 -0.6	
NHHD	Xindian Distri	1.00 288	e P	03 01 45.5 -0.2	
NHHD	baz=277	e S	Sn	03 02 00.6 -0.3	
ETL	Fush Village	1.00 240	e P	03 01 45.3 -0.5	
ETL	baz=238	e S	Sn	03 02 00.8 -0.1	
NACB	Ninganchiao	1.01 242	e P	03 01 45.1 -0.8	
NACB	baz=239	e S	Sn	03 02 00.8 -0.4	
YM01	YM01	1.03 298	e P	03 01 45.7 -0.4	
YM01	baz=286	e S	Sn	03 02 00.9 -0.7	
TWD	Chiawan	1.06 237	e P	03 01 45.8 -0.6	
TWD	baz=230	e S	Sn	03 02 01.7 -0.4	
PCYT	Pengchaiyu	1.07 335	e P	03 01 46.9 +0.4	
PCYT	baz=335	P	Pn	03 01 47.2 +0.3	
YHNB	Yeheng	1.09 271	P	03 02 02.9 0.0	
YHNB	baz=273	S	Sn	03 02 02.9 0.0	
ETLH	Xiulin Townshi	1.09 246	e P	03 01 46.4 -0.5	
ETLH	baz=239	e S	Sn	03 02 01.8 -1.1	
IRIF	Iriomote-Funau	1.10 107	P	03 01 46.9 0.0	
IRIF	baz=239	S	Sn	03 02 03.7 +0.8	
NSK	Sanguang	1.10 271	P	03 01 47.1 0.0	
NSK	baz=273	S	Sn	03 02 03.1 0.0	
NNSB	Datong	1.11 258	P	03 01 46.9 -0.2	
NNSB	baz=249	e S	Sn	03 02 03.7 +0.4	
NNS	Nan Shan	1.11 259	e P	03 01 47.0 -0.2	
NNS	baz=250	e S	Sn	03 02 03.6 +0.2	
NTST	Danshui	1.14 296	e P	03 01 47.0 -0.3	
NTST	baz=285	e S	Sn	03 02 03.1 -0.5	
HATJ	Hateruma jima	1.27 118	e S	03 02 07.7 +1.2	
FUSS	Fushou	1.28 252	e P	03 01 49.5 +0.2	
FUSS	baz=245	e S	Sn	03 02 06.9 -0.1	
NCU	National Centr	1.30 284	e S	03 02 06.8 -0.2	
NCUH	Zhongli	1.30 284	e P	03 01 49.3 +0.1	
NCUH	baz=288	e S	Sn	03 02 07.0 0.0	
WHF	Hehuan Shan	1.30 247	e P	03 01 49.5 -0.2	
WHF	baz=240	e S	Sn	03 02 07.6 -0.1	
TWT	Tachien	1.34 253	e P	03 01 50.5 +0.6	
TWT	baz=244	e S	Sn	03 02 08.7 +0.6	
ESL	Shilin	1.34 231	e P	03 01 48.8 -0.9	
ESL	baz=225	e S	Sn	03 02 06.3 -1.7	
TDCB	Techi	1.35 253	e P	03 01 50.4 +0.4	
TDCB	baz=244	e S	Sn	03 02 09.2 +0.8	
JKRS	Kuro-shima	1.38 108	P	03 01 50.4 +0.3	
JKRS	baz=87	S	Sn	03 02 09.2 +0.5	
CHGB	Renai	1.41 245	e P	03 01 51.0 +0.2	
CHGB	baz=238	e S	Sn	03 02 10.4 +0.7	
LIOB	Emei	1.42 270	e P	03 01 50.7 +0.1	
LIOB	baz=267				

LIOB	baz=267	e S	Sn	03 02 09.7 0.0	
NSTT	baz=267 Nanjuang	1.43 269	P	Pn	03 01 50.9 +0.1
NSTT	baz=267	e S	Sn	03 02 09.8 -0.1	
EGFH	baz=267 Guangfu	1.44 227	e P	Pn	03 01 50.1 -0.9
EGFH	baz=222	e S	Sn	03 02 10.0 -0.1	
SBCB	baz=222 Hsinchu	1.45 276	e S	Sn	03 02 10.6 +0.3
OWD	baz=273 Renai	1.46 241	e P	Pn	03 01 50.8 -0.5
OWD	baz=235	e S	Sn	03 02 10.6 0.0	
JJJ	baz=235 Ishigaki jima	1.46 101	P	Pn	03 01 50.7 -0.5
JJJ	baz=221	S	Sn	03 02 09.8 -0.7	
WHP	baz=221 Taichung City	1.53 256	e P	Pn	03 01 52.9 +0.8
WHP	baz=254	e S	Sn	03 02 14.4 +0.8	
HGSD	baz=254 Ruisui	1.57 222	e P	Pn	03 01 52.0 -0.5
HGSD	baz=221	e S	Sn	03 02 14.5 +1.6	
JJSG	baz=221 Ishigakijimahi	1.58 92	P	Pn	03 01 52.2 -0.5
JJSG	baz=221	S	Sn	03 02 12.8 -0.5	
NMLH	baz=264 Miaoli	1.63 266	e P	Pn	03 01 53.4 +0.1
NMLH	baz=264	e S	Sn	03 02 14.4 +0.2	
WCS	baz=264 Beigang Elemen	1.63 249	e P	Pn	03 01 54.2 +0.9
WCS	baz=247	e S	Sn	03 02 15.3 +0.9	
NSY	baz=260 Sanyi	1.67 262	e P	Pn	03 01 54.5 +0.7
NSY	baz=260	e S	Sn	03 02 15.8 +0.6	
TWQ1	baz=260 Liyutan	1.67 260	e P	Pn	03 01 54.5 +0.7
TWQ1	baz=258	e S	Sn	03 02 15.	

25d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASBT Mashbuluo, MASBT Anshuo, EAST baz=221, etc.

IDC 25 03:02:12.17.4.52:07N:177.54W, h0km, mb3.5/4, mb1 4.1/5, mb1mx3.6/43, mbtmp3.7/5, ML4.5/1, MS3.1/2, Ms1 3.1/2, ms1mx2.5/48, Error ellipse: s-maj=140.9km s-min=60.6km az=99.0

AEIC 25 03:02:49.1.0.52:4N:0.2:174.2W:0.2, h197km, 4km, Error ellipse: s-maj=37.6km s-min=9.6km az=163.0

NEIC 25 03:02:49.1.0.52:6N:0.3:174.3W:0.2, h192km, 7km, mb4.1/8, ML3.3/AIC, Error ellipse: s-maj=39.2km s-min=9.5km az=164.0

ISC 25 03:02:49.0.0.9:52.6N:0.2:174.29W:0.09, h200km, n41, c0f78/39, mb3.3/4, Andeanof Islands

Main station list table for the 25d 4h period, listing various stations and their coordinates.

IDC 25 03:06:47.1.2.4.6:19S:130.00E, h0km, mb3.6/1, mb1 3.4/3, mb1mx3.3/33, mbtmp3.2/3, ML3.1/2, Error ellipse: s-maj=143.7km s-min=32.3km az=69.0, Banda Sea

Table listing stations WRA, ASAR, MKAR with their respective coordinates and phases.

IDC 25 03:30:54.1.4.0.24:07S:175.28W, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.8/29, mbtmp3.0/5, ML3.2/1, MS3.6/3, Ms1 3.6/3, ms1mx2.9/36, Error ellipse: s-maj=171.0km s-min=53.7km az=155.0

ISC 25 03:31:00.4.2.8.24.5:1:175.6W:0.4, h28km, n9, c0f99/6, mb4.0/4, South of Tonga Islands

Main station list table for the 25d 4h period, listing various stations and their coordinates.

IDC 25 03:41:22.4.1.6.18:94S:177.73W, h474km, 18km, mb3.3/8, mb1 3.5/11, mb1mx3.4/46, mbtmp3.1/11, Error ellipse: s-maj=23.1km s-min=16.2km az=125.0

ISC 25 03:41:20.8.0.6.19:05S:177.6W:0.1, h450km, n17, c206/18, mb3.6/19, Fiji Islands region

Table listing stations MSFV, AFI with their respective coordinates and phases.

2015 OCT

Table listing stations URZ, CTA, STKA, WRA, ASAR, VNA, MJAR, PETK, TXAR, ILAR, SNA, VNA3, VNA2, VNA1, GERES with their respective coordinates and phases.

NEIC 25 03:42:15.2.1.8.8:63S:0.08:118.35E:0.07, h124km, 8km, mb4.2/6, Error ellipse: s-maj=12.2km s-min=9.4km az=201.0

DJA 25 03:42:16.0.0.2.9.5:3.1:11.8E, h113km, 3km, M4.6/17, mb4.6/12, mb5.1/3, ML4.6/17, Mw(MB)4.4/3

IDC 25 03:42:17.2.1.5.8:50S:118.56E, h149km, 13km, mb3.7/9, mb1 3.8/13, mb1mx3.6/44, mbtmp4.2/13, MS2.4/1, Ms1 2.4/1, ms1mx2.1/37, Error ellipse: s-maj=18.4km s-min=8.7km az=60.0

ISC 25 03:42:16.7.0.5.8:69S:0.05:118.42E:0.05, h152km, n65, c29/271, mb4.0/10, Sumbawa region

Main station list table for the 2015 OCT period, listing various stations and their coordinates.

1058

BDFB Brasilia 152.34 209 PKPbc PKIKP 04 01 56.4 +0.3 comp=Z:1.3nm,0.8s,baz=191,slow=7.0,SNR=3.6

Table listing stations BDFB, JAY, SIJI, WRA, ASAR, MKAR with their respective coordinates and phases.

VAO 25 04:02:34.7.1.5.42:43S:73.93W, h49km, mb4.4, NAO 25 04:02:34.7.1.5.41:93S:0.03:73.7W:0.1, h54km, 10km, mb4.3/13, ML4.5(GUC), Error ellipse: s-maj=14.0km s-min=2.6km az=105.0

GUC 25 04:02:41.1.0.7.41:92S:73.56W, h52km, 5km, ML4.5, IDC 25 04:02:47.4.7.41:87S:72.80W, h113km, 32km, mb3.6/4, mb1 3.8/6, mb1mx3.4/23, mbtmp4.1/6, MS2.9/5, Ms1 2.9/5, ms1mx2.8/17, Error ellipse: s-maj=64.3km s-min=21.7km az=87.0

ISC 25 04:02:39.7.0.4.91:35S:0.04:73.69W:0.07, h56km, 9km, n72, c136/81, mb4.5/6, MS2.9/3, 2C-6D, Southern Chile

Main station list table for the 1058 period, listing various stations and their coordinates.

Table with columns: BOAV, NBPS, NBPA, SDV, SDV. Rows include Bo Vista, Pedro II - PI, Parau_RN, Sarau Domingo.

NAO 25 04:04:09.0, 1.3, 6.7, 63N, 33.78E, ML2.2, HEL 25 04:04:10.3, 0.3, 6.7, 68N, 33.79E, h0km, ML1.8,

Explosion, Baltic States-Belarus-Northwestern Russia

Main table for 1059 with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like APA0, APA0, VRF, VRF, OLKF, OLKF, KU6, KU6, etc.

IDC 25 04:14:58.6, 8.6, 31.58S, -178.71W, h0km, mb3.3/2, mbl 3.6/2, mb1mx3.4/21, mbtmp3.3/2, Error ellipse: s-maj=374.2km s-min=64.4km az=158.0, Kermadec Islands region

Table for IDC 25 04:14:58.6, 8.6, 31.58S, -178.71W, h0km, mb3.3/2, mbl 3.6/2, mb1mx3.4/21, mbtmp3.3/2, Error ellipse: s-maj=374.2km s-min=64.4km az=158.0, Kermadec Islands region

NOU 25 04:45:47.9, 28.54S, 177.61W, h298km, MLV4.8/20, Kermadec Islands Region

IDC 25 04:45:50.4, 0.5, 28.11S, 178.48W, h248km, 5km, mb4.0/15, mbl 4.2/16, mb1mx4.1/33, mbtmp4.6/16, Error ellipse: s-maj=15.1km s-min=12.7km az=130.0, NEIC 25 04:45:51.8, 1.8, 28.54S, 177.4W, 0.2, h266km, 5km, mb4.4/48, Error ellipse: s-maj=20.6km s-min=11.7km az=115.0

WEL 25 04:45:51.0, 28.56S, 178.37W, h265km, M4.2/27, mb4.8/27, MLV4.8/3, Mw(mb)4.1/27, ISC 25 04:45:49.0, 0.3, 28.46S, -178.38W, 0.07, h250km, m224, s182/242, mb4.4/38, Kermadec Islands region

Main table for 1059 (continued) with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RIZ, RAO, RAO, RAO, GLKZ, etc.

Main table for 1059 (continued) with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WHZH, WHZH, MRHZ, MRHZ, NMHZ, NMHZ, ARHZ, etc.

Main table for 1059 (continued) with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like 113A, PNTR, YBH, YBH, NVAR, NVAR, NVAR, NVAR, etc.

25d 5h

comp=Z,1.9nm,0.9s,baz=183,slow=2.8,SNR=4.9
ESDC Sonseca Array 167.89 21 PKP PKPdf 05 05 26.8 +0.4
ESDC comp=Z,1.3nm,1.1s,baz=253,slow=1.5,SNR=4.2
PKPab PKPab 05 06 33.9 -1.0

IDC 25 04:56:55.8:64.0,21.58S:177.81W,h0km,mb3.9/3,
mb1 4.0/3,mb1mx3.7/43,mbt3p.9/3,Error ellipse:
s-maj=1173.0km s-min=173.6km az=84.0, Fiji Islands
region

Table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

NEIC 25 05:05:13.8:0.8,36.19N:0.02:98.79W:0.02,h5km,1km,
Error ellipse: s-maj=3.6km s-min=2.9km az=40.0,
ANF 25 05:05:14.9:0.6,36.15N:98.74W,h5km,ML3.6/10, Error
ellipse: s-maj=6.3km s-min=6.1km az=59.0,
TUL 25 05:05:14.1:0.6,36.19N:0.02:98.81W:0.03,h7km,6km,
ML1.0,mb L2:0.42/NEIC, Error ellipse: s-maj=4.2km
s-min=1.7km az=67.0,
ISC 25 05:05:14.1:1.1,36.19N:0.03:98.77W:0.03,h9km,10km,
n48,c084/40, Oklahoma

Table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include U32A Winter Ranch, OKCFA Oklahoma City, WMOK Wichita Mouta.

FNO Franklin
X34A Smith Ranch, M
T35A Sooner Cattle
R32A Long Quarter,
R32A Long Quarter,

TUL1 Leonard
TUL1 Leonard
TUL1 Leonard

AMTX Amarillo
AMTX Amarillo
AMTX Amarillo

CBKS Cedar Bluff
CBKS Cedar Bluff
Z35A Perchaven, San
Z35A Perchaven, San

X37A Clayton
KSU1 Kansas State U
KSU1 Kansas State U

U38A Gravette
ABTX Abilene, Hawle
ABTX Abilene, Hawle

HHR Hobbs
MSTX Muleshoe
KSCO Kaye Shedlock

W39A Magazine
Z38A Mt. Pleasant
Z38A Mt. Pleasant

WHTX Lake Whitney,
MIAR Mount Ida
MIAR Mount Ida

S39A Bolivar
U40A Yellville
U40A Yellville

BGNE Belgrade
MGMO Mountain Grove
WHAR Woolly Hollow

P38A Dawn
OGNE Ogallala
FCAR Ozark Folk Cen

435B Jarrell
R40A Maddies Station
JCT Junction City

T42A Van Buren
P40A Paris
N38A Joes South For

PBMO Poplar Bluff
IDC 25 05:06:04.9:1.1,32.95S:178.05W,h0km,mb4.3/6,
mb1 4.5/6,mb1mx4.1/48,mbt3p.4/8,ML3.72,MS3.4/2,
MS1 3.4/2,ms1mx3.0/30, Error ellipse: s-maj=3.3km
s-min=24.1km az=146.0,
WEL 25 05:06:06.0:0.9,33.9S:9.17W:2.2,h33km,ML4.5/12,
mb4.7/7,ML5.3/13,MLV4.9/12,MM(W)B4.0/7, Error ellipse:
s-maj=0.0km s-min=0.0km az=110.2,
NEIC 25 05:06:07.9:2.0,32.60S:0.08:178.2W:0.2,h10km,2km,
mb4.5/11, Error ellipse: s-maj=28.8km s-min=12.3km
az=105.0,
ISC 25 05:06:07.7:0.8,32.72S:0.06:178.1W:0.1,h20km,n62,
c174/73,mb4.4/9, South of Kermadec Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, MXZ Matakaa Point, MXZ Matakaa Point, WMGZ Waionatini S, WMGZ Waionatini S, PKGZ Pakhihira.

2015 OCT

HUZ Te Kaha 6.04 213 P Sn 05 07 34.7 -1.2
HAZ Puketiti 6.10 208 S Sn 05 08 46.2 +1.8
PUZ Puketiti 6.10 208 S Sn 05 07 34.0 -2.7

RUGZ Raukumara Rang 6.26 212 P Sn 05 08 44.9 -1.1
RWZ Raukumara Rang 6.26 212 P Sn 05 07 37.9 -1.0
TWGZ Tauwharepara 6.30 209 P Sn 05 07 39.0 -0.6

CNGZ Carnagh Statio 6.48 206 S Sn 05 08 56.3 +1.0
TKGZ Te Karaka 6.58 209 S Sn 05 08 57.5 -0.2
MWZ Matawai 6.63 211 S Sn 05 07 41.2 -2.8

URZ Urewera 6.75 214 Pn Sn 05 07 43.0 -2.7
URZ Urewera 6.75 214 Pn Sn 05 07 44.1 -1.6
URZ Urewera 6.75 214 Pn Sn 05 08 59.9 -2.1

RIGZ Rimuahu 6.84 208 P Sn 05 07 45.1 -1.8
RIGZ Rimuahu 6.84 208 P Sn 05 09 02.9 -1.5
MUGZ Murupara 7.09 214 S Sn 05 09 08.1 -2.2

RAHZ Arahi 7.30 211 P Sn 05 07 53.2 -0.1
RAHZ Arahi 7.30 211 P Sn 05 09 15.3 -0.3
MTHZ Maungataniwha 7.36 212 P Sn 05 07 53.8 -0.2

NMHZ Naumai 7.57 211 P Sn 05 07 55.9 -0.7
NMHZ Naumai 7.57 211 P Sn 05 09 20.3 -2.0
BKZ Black Stump Fm 7.77 213 P Sn 05 07 59.0 -0.7

OTVZ Oturere 8.16 216 P Sn 05 09 24.7 -1.6
OTVZ Oturere 8.16 216 P Sn 05 10 11.9 +2.3
MZZ Mout Dzumac 17.30 304 P Sn 05 12 53.1 +1.7

CTA Charters Tower 34.13 283 P 05 12 54.1 +2.7
CTA Charters Tower 34.13 283 P 05 12 55.8
CTAO comp=Z,6.0nm,0.8s Iamb Iamb 05 13 26.1 -0.8

BBEO Buckleboon 38.29 257 P P 05 13 29.0 -1.1
COEN Coen 39.85 289 P Iamb Iamb 05 13 44.9
AS31 Alice Springs 42.92 269 P 05 14 06.2 +0.8

ASAR Alice Springs 42.92 269 P 05 14 05.7 +0.3
ASAR Alice Springs 42.92 269 P 05 14 05.5 +0.1
ASAR Alice Springs 42.92 269 P 05 14 10.4 +0.4

WR0 Warramunga Arr 43.95 275 P Iamb Iamb 05 14 15.1
WB2 Warramunga Arr 44.11 275 P P 05 14 15.2 +0.2
WRA Warramunga Arr 44.12 275 P P 05 14 15.3 +0.3

WRA Warramunga Arr 44.12 275 P P 05 14 15.1 +0.1
WB0 Warramunga Arr 44.16 275 P P 05 14 15.5 +0.2
FORT Forrest 45.39 257 P P 05 14 25.3 +0.3

MTN Manton Dam 50.27 281 P Iamb Iamb 05 15 04.0
FITZ Fitzroy Crossi 52.28 272 P P 05 15 18.7 +0.7
FITZ Fitzroy Crossi 52.28 272 P Iamb Iamb 05 15 18.9 +0.9

FN3A Sanae 75.85 178 P P 05 17 56.3 +0.1
VNA3 Neumayer Olymp 76.01 176 P P 05 17 53.7 -1.7
VNA2 Neumayer-Stat 76.44 177 P P 05 17 56.0 +0.6

VNA1 Neumayer-Stat 76.67 177 P P 05 17 56.4 -0.3
MJAR Matsushiro Arr 80.08 326 LR 05 49 16.5
USRK Ussuriysk Arr 89.03 327 P P 05 19 03.0 +2.1

USRK Ussuriysk Arr 89.03 327 P P 05 19 01.8 +0.9
NVAR Mina Array Bea 90.01 43 P P 05 19 06.7 +0.1
KBZ Khabaz 146.23 301 PKPbc PKPbc 05 25 47.3 -0.1

FINES FINES Array B 147.27 339 PKPbc PKPbc 05 25 48.6 -0.3
NB2 NORARS Array B 150.97 351 PKPbc PKPbc 05 26 06.0 0.0
NOA NORARS Array B 151.02 351 PKPbc PKPbc 05 26 06.8 +0.8

EIL Elat 151.60 273 PKPbc PKPbc 05 26 02.5 +1.2
OKC Ostrava-Krasne 159.05 329 ePKPAB PKPAB 05 26 41.0 +0.4
TORC Dobruška-Polom 159.39 333 ePKPAB PKPAB 05 26 43.5 +1.5

TRD Torridi Arr Bea 160.52 179 PKPbc PKPbc 05 26 47.5 -0.1
CKRC Cesky Krumlov 161.40 333 ePKPAB PKPAB 05 26 51.8 +0.9
KHC Kaperske Hory 161.41 335 ePKPAB PKPAB 05 26 52.2 +1.3

GERES GERES Array B 161.60 335 PKPbc PKPbc 05 26 52.6 +0.5
IDC 25 05:06:59.1:2.3,32.86S:177.95W,h0km,mb4.4/5,
mb1 4.5/5,mb1mx4.0/45,mbt3p.4/5, Error ellipse:
s-maj=96.6km s-min=31.3km az=159.0,
ISC 25 05:07:03.0:1.6,32.75S:0.1:178.1W:0.3,h20km,n13,
c1962/14,mb4.4/5, South of Kermadec Islands

RAO Raoul Island 3.42 3 Sn Sn 05 08 31.9 -3.1
URZ Urewera 6.79 214 Sn Sn 05 09 54.8 -3.4
STKA Stephens Creek 33.92 267 P Sn 05 13 46.0 +1.2

CTA Charters Tower 34.12 283 P 05 13 48.7 +2.1
ASAR Alice Springs 42.92 269 P 05 15 00.7 0.0
WRA Warramunga Arr 44.12 275 P 05 15 09.8 -0.4

FITZ Fitzroy Crossi 52.28 272 P 05 16 12.5 -0.7
KBZ Khabaz 146.23 301 PKPbc PKPbc 05 26 42.0 +0.2
FINES FINES Array B 147.27 339 PKPbc PKPbc 05 26 42.6 +0.9

NOA NORARS Array B 150.97 351 PKPbc PKPbc 05 27 01.5 +0.4
EIL Elat 151.60 273 PKPbc PKPbc 05 26 56.2 +0.2
AKASG Malin Arr Bea 153.00 320 PKPbc PKPbc 05 27 09.6 -0.3

1060

CIRR Tsirk 1.42 22 eP Pn 05 08 09.3 0.0
KRSR Krestovskiy 1.48 16 eP Pn 05 08 09.1 -0.7
GNL Gnalovskiy 1.56 226 eP Pn 05 08 10.5 0.0

KLY Klyuchi 1.59 17 eP S 05 08 37.8 +0.1
KRX Krasnoyarsk 1.60 226 eP S 05 08 10.3 +0.4
SDLR Sedlovina 1.62 200 eP S 05 08 11.0 -0.1

SDLR Sedlovina 1.62 200 eP S 05 08 38.1 -0.1
KREK Koryakskii 1.62 203 eP Pn 05 08 12.3 +1.1
SMAR Somma 1.65 203 eP Pn 05 08 11.9 +0.4

NLC Nalytchevo 1.65 190 eP Pn 05 08 11.2 +0.0
NLC Nalytchevo 1.65 190 eP S 05 08 11.9 +0.4
AVH Avacha 1.66 203 eP Pn 05 08 12.2 +0.8

SPN Mya Shipunskiy 1.71 176 eP Pn 05 08 11.1 -0.7
SPN Mya Shipunskiy 1.71 176 eP S 05 08 38.3 -1.1
DALK Dalny 1.88 200 eP S 05 08 13.3 +0.4

PET Petropavlovsk 1.91 202 eP Pn 05 08 13.6 0.0
PET Petropavlovsk 1.91 202 eP S 05 08 43.0 +0.3
BDR Baidarnaya 1.94 23 eP Pn 05 08 13.7 -0.3

SRK Sorokina 2.01 22 eP Pn 05 08 14.1 -0.6
SMKR Semkarok 2.02 27 eP Pn 05 08 13.1 +1.1
PETK Petropavlovsk- 2.10 217 eP Pn 05 08 15.1 -0.6

KBG Krutoberegovo 2.20 47 eP Pn 05 08 16.2 -0.3
KBG Krutoberegovo 2.20 47 eP S 05 08 47.9 -0.1
KBR Krutoberegovo 2.22 49 eP Pn 05 08 16.3 +0.4

KBR Krutoberegovo 2.22 49 eP S 05 08 48.3 -0.1
APC Apacha 2.25 42 eP Pn 05 08 19.6 +0.3
GRL Gorelyy 2.48 205 eP Pn 05 08 20.2 +0.4

RUS Russkaya 2.49 199 eP Pn 05 08 19.2 -0.6
RUS Russkaya 2.49 199 eP S 05 08 25.9 -0.8
MTR Mutnovka 2.51 203 eP S 05 08 26.5 -1.1

KDR Khotutka, Kamc 3.17 200 eP Pn 05 09 05.7 -1.9
BKI Bering 3.57 81 eP Pn 05 09 32.9 +0.7
BKJ Bering 3.57 81 eP S 05 09 19.9 +0.7

NVAR Mina Array Bea 55.33 71 P 05 16 48.8 +0.7
PDAR Pinedale Array 56.84 62 P 05 16 58.7 0.0
TXAR Lajitas Array 70.12 67 P 05 18 25.6 -0.1

IDC 25 05:17:12.2:2.2,6.82S:129.67E,h131km,22km,mb4.0/9,
mb1 4.0/13,mb1mx3.7/52,mbt3p.4/13, Error ellipse:
s-maj=29.2km s-min=10.1km az=75.0,
NEIC 25 05:17:15.2:2.2,6.77S:0.07:129.59E:0.08,h156km,7km,
mb4.4/22, Error ellipse: s-maj=12.4km s-min=9.8km
az=56.0,
DJA 25 05:17:16.7:0.3,7S:9.3E,h185km,6km,ML4.4/7,
mb4.4/6,mb5.1/5,MLV4.6/7,MLW4.4/5,
ISC 25 05:17:13.7:0.5,6.83S:0.05:129.59E:0.05,h139km,n63,
c230/66,mb4.4/7,Banda Sea

SAUI Saumlaki 2.05 124 Pn Pn 05 17 53.2 +4.4
SAUI Saumlaki 2.05 124 Pn Pn 05 18 18.6 +3.0

SAUI Saumlaki 2.05 124 Pn Pn 05 17 53.4 +4.7
SAUI Saumlaki 2.05 124 Pn Pn 05 18 21.7 +6.1
MSAI Masohi 3.52 349 Pn Pn 05 18 14.0 +6.6

FAKI Fak Fak 4.70 34 Pn Pn 05 18 24.3 +1.4
SANI Sanana 5.95 323 Pn Pn 05 18 46.2 +6.5
SOEI Soe 6.02 241 Pn Pn 05 18 46.4 +3.9

SOEI Soe 6.02 241 Pn Pn 05 18 44.8 +4.1
SIJI Sorong 6.15 16 Pn Pn 05 18 42.3 -0.1
SIJI Sorong 6.3m,0.3s,baz=265,slow=23,SNR=26

SIJI Sorong 9.7m,0.3s,baz=50,slow=24,SNR=14
MTN Mantona Dam 6.17 166 Pn Pn 05 18 44.3 +1.7
BATI Baumata 6.76 240 Pn Pn 05 18 54.3 +3.8

BATI Baumata 23m,0.3s,baz=157,slow=2.6,SNR=16
SRPI Serui, Papua 8.26 54 Pn Pn 05 18 58.8 -1.2
KUNUR Kunurua 8.83 185 Pn Pn 05 19 19.3 +0.0

TOLR Tolitoli 11.81 31 Pn Pn 05 19 57.6 -0.8
FITZ Fitzroy Crossi 11.85 199 Pn Pn 05 19 57.6 -0.8
FITZ Fitzroy Crossi 1.4m,0.3s,baz=64,slow=18,SNR=3.7

FITZ Fitzroy Crossi 11.85 199 Pn Pn 05 19 57.7 -0.6
WRO Warramunga Arr 13.68 161 Pn Pn 05 20 19.1 -3.0
WRA Warramunga Arr 13.83 161 Pn Pn 05 20 21.2 -2.8

WRA Warramunga Arr 1.8m,0.3s,baz=345,slow=13,SNR=33
WRA Warramunga Arr 13.83 161 Pn Pn 05 20 20.2 -3.8
WB2 Warramunga Arr 13.83 161 Pn Pn 05 20 21.9 -2.1

WR0 Warramunga Arr 13.91 160 Pn Pn 05 20 23.5 -1.5
CBKI Banjar Baru 15.06 282 P P 05 20 39.3 -1.0
COEN Coen 15.12 119 Iamb Iamb 05 20 43.2

JAGI Jagaj, Banyuwa 15.39 263 Iamb Iamb 05 20 44.2 +0.6
JAGI Jagaj 2.30nm,1.2s Iamb Iamb 05 20 45.7
AS31 Alice Springs 17.25 167 P P 05 21 05.4 -0.3

Table with columns: Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like KURK, VVDA, and ABKAR.

IDC 25 05:24:50.91, 1.6, 27.52N, 53.63E, h0km, mb3.9/5, mb1 4.0/7, mb1mx3.6/50, mbtmp3.9/7, ML3.6/2, MS3.5/3, Ms1 3.5/3, ms1mx2.7/40, Error ellipse: s-maj=33.6km s-min=28.6km az=26.0

TEH 25 05:24:52.3, 27.34N, 53.66E, h11km, ML3.8, DSN 25 05:24:54.6, 2.0, 27.18N, 53.61E, h10km, ML3.5/8, Error ellipse: s-maj=22.1km s-min=19.2km az=63.0

THR 25 05:24:54.8, 0.8, 27.62N, 53.58E, h15km, ML4.0, OMAN 25 05:24:56.0, 0.3, 27.42N, 53.64E, h30km, mb5.0/2, ml3.5/7, Error ellipse: s-maj=29.2km s-min=5.0km az=9.0

ISC 25 05:24:53.1, 4.9, 27.92N, 53.05E, h10km, mb3.0, n93, r143/100, mb4.0/12, MS3.6/3, Southern Iran

Main table of station data for the left column, including names like LAMERD, JAHROM, QIRI, BANDO, GENO, SHI, etc., with their respective technical specifications.

Table with columns: Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like ARCES, ESDC, TORD, LEM, and USRK.

IDC 25 05:26:56.1, 3.2, 32.83S, 178.26W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/33, mbtmp3.7/3, ML2.9/1, Error ellipse: s-maj=74.2km s-min=37.5km az=117.0, South of Kermadec Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like URZ, ASAR, WRA, and FINES.

IDC 25 05:29:47.1, 4.5, 20.84N, 122.71E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/47, mbtmp3.5/3, Error ellipse: s-maj=331.3km s-min=26.7km az=61.0, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like MKAR, WRA, and ASAR.

NEIC 25 05:46:23.0, 1.8, 20.42S, 0.04, 68.91W, 0.04, h107km, 5km, mb4.6/34, ML4.6/GUC, Error ellipse: s-maj=6.6km s-min=4.9km az=214.0

VAO 25 05:46:22.3, 0.3, 20.38S, 68.87W, h103km, mb4.7, IDC 25 05:46:23.0, 2.0, 20.40S, 68.78W, h118km, 4km, mb3.8/12, mb1 3.9/16, mb1mx3.8/27, mbtmp4.2/16, Error ellipse: s-maj=16.1km s-min=7.6km az=88.0

GUC 25 05:46:23.0, 0.8, 20.39S, 68.97W, h111km, 2.4km, ML4.6, IDC 25 05:46:22.7, 0.4, 20.38S, 0.03, 68.90W, 0.05, h111km, 4km, n178, r192/149, mb4.5/23, 11C-2D, Chile-Bolivia border region

Main table of station data for the middle column, including names like IPOC, HMB, HBC, PSCG, etc., with their respective technical specifications.

Table with columns: Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like TRCB, CLDB, HO3N1, HO3N2, HO3N3, etc.

IDC 25 05:26:56.1, 3.2, 32.83S, 178.26W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/33, mbtmp3.7/3, ML2.9/1, Error ellipse: s-maj=74.2km s-min=37.5km az=117.0, South of Kermadec Islands

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

IDC 25 05:29:47.1, 4.5, 20.84N, 122.71E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/47, mbtmp3.5/3, Error ellipse: s-maj=331.3km s-min=26.7km az=61.0, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like SPB, PLCA, PLCA, etc.

ITTB Itaituba, LL04 Loro Oclay, PEXB Peixe, PARB Paraituba, BSCB Bom Sucesso, PRPB Parauapebas, etc.

MAVA Monte Alegre Reis, MNTA Monte Alegre, SMTB Santa Maria do, VASO1 Vassouras-RJ, DIAM Diamantina, MG, MC01 Montes Claros, etc.

BOAV Boa Vista, SDBA SDO DESIDERO, CAMO1 Campos, ROSC El Rosal, MCBP Macapa, etc.

SBF Barra de Sao F, RIB01 Rinhões ES, TMAB Tom-Au-PA, etc.

GU01 Guaratinga, NBIT Itapeba, GD01 Gaudu, NBPN Ponta Novo, MDP Montagnes des, etc.

SJCC San Jacinto, NBPS Pedra Branca, NBLA Lagarto, NBMA Murici, etc.

NBAN Anadia, NBVL Livramento, NBPA Paranaíba, NBRF Rio Formoso, etc.

RCBR Riachuelo, NBVP Pedro Velho, CDF Fort de France, HUMP Col San Antoni, etc.

MT03 Monteicristo, MNT03 Monte, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

VNA2 Neumayer-Watz, SNA4 Sanae, SNA3 Sanae, SNA2 Sanae, etc.

SNA1 Sanae, SNA0 Sanae, LIC Lamto, TIC Toucouba, etc.

KIC Kusanoka, DBIC Dimbokro, DBIC Dimbokro, KNB Kanab, etc.

CCUT Cedar City, CCUT Cedar City, AQQB Aquidauana, AQQB Aquidauana, etc.

VA03 Val de Chai, SAML Samuel, SAML Samuel, SAML Samuel, etc.

SIV SIV, PTBL Pedro de Lacer, CO01 El Pedregal, ETMB Extrema, etc.

VILB Vilhena, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

Table with columns: Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like TRCB, CLDB, HO3N1, HO3N2, HO3N3, etc.

IDC 25 05:26:56.1, 3.2, 32.83S, 178.26W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/33, mbtmp3.7/3, ML2.9/1, Error ellipse: s-maj=74.2km s-min=37.5km az=117.0, South of Kermadec Islands

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

IDC 25 05:29:47.1, 4.5, 20.84N, 122.71E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/47, mbtmp3.5/3, Error ellipse: s-maj=331.3km s-min=26.7km az=61.0, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like SPB, PLCA, PLCA, etc.

ITTB Itaituba, LL04 Loro Oclay, PEXB Peixe, PARB Paraituba, BSCB Bom Sucesso, PRPB Parauapebas, etc.

MAVA Monte Alegre Reis, MNTA Monte Alegre, SMTB Santa Maria do, VASO1 Vassouras-RJ, DIAM Diamantina, MG, MC01 Montes Claros, etc.

BOAV Boa Vista, SDBA SDO DESIDERO, CAMO1 Campos, ROSC El Rosal, MCBP Macapa, etc.

SBF Barra de Sao F, RIB01 Rinhões ES, TMAB Tom-Au-PA, etc.

GU01 Guaratinga, NBIT Itapeba, GD01 Gaudu, NBPN Ponta Novo, MDP Montagnes des, etc.

SJCC San Jacinto, NBPS Pedra Branca, NBLA Lagarto, NBMA Murici, etc.

NBAN Anadia, NBVL Livramento, NBPA Paranaíba, NBRF Rio Formoso, etc.

RCBR Riachuelo, NBVP Pedro Velho, CDF Fort de France, HUMP Col San Antoni, etc.

MT03 Monteicristo, MNT03 Monte, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

VNA2 Neumayer-Watz, SNA4 Sanae, SNA3 Sanae, SNA2 Sanae, etc.

SNA1 Sanae, SNA0 Sanae, LIC Lamto, TIC Toucouba, etc.

KIC Kusanoka, DBIC Dimbokro, DBIC Dimbokro, KNB Kanab, etc.

CCUT Cedar City, CCUT Cedar City, AQQB Aquidauana, AQQB Aquidauana, etc.

VA03 Val de Chai, SAML Samuel, SAML Samuel, SAML Samuel, etc.

SIV SIV, PTBL Pedro de Lacer, CO01 El Pedregal, ETMB Extrema, etc.

VILB Vilhena, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

ULM ULM, ULM ULM, ULM ULM, ULM ULM, ULM ULM, etc.

25d 10h

Table with columns: PRZ, Ohinepanea, 6.82 221 P, Pn, 09 06 49.4 -0.8, etc. Lists various stations and their coordinates.

2015 OCT

Table with columns: BRTR, Keskin Array B, 153.78 294, PKPbc, PKIKP, 09 25 10.4 +2.2, etc. Lists stations and their coordinates.

1064

Table with columns: KDAK, Kodiak Island, 77.66 23 P, P, 10 51 52.0 +0.7, etc. Lists stations and their coordinates.

TWD	Chiawan	1.26 266	P	Pn	10 52 48.6	-0.2
TWD	baz=247		eS	Sn	10 53 03.9	-0.6
JISG	Ishigakijimahi	1.30 71	P	Pn	10 52 48.4	-0.9
JISG	baz=302		S	Sn	10 53 03.7	-1.8
TWE	Neicheng	1.31 295	iP	Pn	10 52 48.6	-0.9
TWE	baz=302		iS	Sn	10 53 04.2	-1.6
TIPB	Shuangxi	1.31 308	P	Pn	10 52 48.0	-1.6
ETLH	Xiulin Townshi	1.36 272	eP	Pn	10 52 49.5	-0.7
ETLH	baz=267		S	Sn	10 53 07.0	-0.2
ENTT	Nioudou	1.36 291	eP	Pn	10 52 49.7	-0.5
ENTT	baz=296		eS	Sn	10 53 07.7	+0.5
NDT	Datong Townshi	1.40 289	eP	Pn	10 52 50.6	-0.1
NDT	baz=293		eS	Sn	10 53 08.5	+0.5
NWF	Wu-fen Shan	1.41 310	iP	Pn	10 52 49.4	-1.6
NWF	baz=307		S	Sn	10 53 06.4	-2.0
ESL	Shilin	1.45 256	P	Pn	10 52 50.3	-1.1
ESL	baz=251		S	Sn	10 53 07.5	-1.7
NWLT	Wulai	1.47 295	eP	Pn	10 52 50.1	-1.6
NWLT	baz=299		eS	Sn	10 53 08.1	-1.7
NNSB	Datong	1.47 281	eP	Pn	10 52 52.6	+0.8
NNSB	baz=263		S	Sn	10 53 10.2	+0.3
NNS	Nan Shan	1.48 281	P	Pn	10 52 51.7	-0.3
NNS	baz=264		S	Sn	10 53 10.4	+0.2
EGFH	Guangfu	1.49 251	eP	Pn	10 52 50.9	-1.1
EGFH	baz=246		eS	Sn	10 52 50.7	-1.7
TWA	Mucha	1.50 303	eP	Pn	10 52 52.5	+0.3
TWA	baz=310		eS	Sn	10 53 10.2	-0.3
NHHD	Xindian Distri	1.54 302	eP	Pn	10 52 52.2	-0.4
NHHD	baz=308		eS	Sn	10 53 11.2	-0.2
YHNB	Yeheng	1.54 289	P	Pn	10 52 53.4	+0.7
YHNB	baz=296		S	Sn	10 53 11.8	+0.2
NSK	Sanguang	1.55 290	eP	Pn	10 52 53.6	+0.7
NSK	baz=295		S	Sn	10 53 12.4	+0.4
WHF	Hehuan Shan	1.56 270	iP	Pn	10 52 53.2	-0.1
WHF	baz=251		eS	Sn	10 53 11.4	-1.1
HGSD	Ruisui	1.56 245	P	Pn	10 52 52.6	-0.4
HGSD	baz=240		S	Sn	10 53 11.2	-0.9
FUSS	Fushou	1.58 273	eP	Pn	10 52 53.2	-0.2
FUSS	baz=255		S	Sn	10 53 13.7	+1.0
TAP	Taipei	1.59 304	eP	Pn	10 52 53.8	+0.4
TAP	baz=311		S	Sn	10 53 13.3	+0.6
CHGB	Renai	1.64 267	P	Pn	10 52 54.6	+0.3
CHGB	baz=262		S	Sn	10 53 14.3	-0.1
EHY	Hungye	1.64 247	P	Pn	10 52 53.4	-0.7
EHY	baz=242		S	Sn	10 53 13.0	-1.1
JTJ	Tarama	1.65 73	P	Pn	10 52 53.8	-0.4
JTJ	baz=255		S	Sn	10 53 13.2	-1.1
OWD	Renai	1.65 263	P	Pn	10 52 54.4	-0.0
OWD	baz=258		S	Sn	10 53 12.2	-2.3
TDCB	Techi	1.65 273	eP	Pn	10 52 54.8	+0.4
TDCB	baz=255		eS	Sn	10 53 14.1	-0.4
TWP	Anpu	1.67 308	eP	Pn	10 52 54.4	-0.1
TWP	baz=305		P	Pn	10 52 54.8	+0.4
PACYT	Pengchaiyu	1.67 331	P	Pn	10 52 54.2	-0.3
PACYT	baz=318		S	Sn	10 53 12.4	-2.4
TWS1	Kuangyinshan	1.69 304	eP	Pn	10 52 55.0	+0.2
TWS1	baz=301		eS	Sn	10 53 15.7	+0.4
YULB	Yu-li	1.71 244	P	Pn	10 52 55.0	-0.1
YULB	baz=229		S	Sn	10 53 15.5	-0.3
EYUL	Yuli	1.71 242	eP	Pn	10 52 54.4	-0.7
EYUL	baz=238		eS	Sn	10 53 15.1	-0.8
NCU	National Centr	1.81 297	eP	Pn	10 52 56.7	+0.3
NCU	baz=306		eS	Sn	10 53 18.0	-0.2
FULB	Fulli	1.81 238	P	Pn	10 52 55.9	-0.5
FULB	baz=225		S	Sn	10 53 18.2	-0.1
NCUH	Zhongji	1.81 297	eP	Pn	10 52 56.9	+0.5
NCUH	baz=306		eS	Sn	10 53 18.4	+0.2
CHKT	Chengkung	1.81 235	P	Pn	10 52 55.9	-0.5
CHKT	baz=220		S	Sn	10 53 16.4	-1.8
WHP	Taichung City	1.85 274	eP	Pn	10 52 57.1	+0.1
WHP	baz=258		S	Sn	10 53 20.7	+1.4
SSLB	Suanglung	1.88 259	eP	Pn	10 52 57.7	+0.3
SSLB	baz=255		eS	Sn	10 53 18.4	-1.6
WCS	Beigang Elemen	1.88 267	eP	Pn	10 52 58.4	+1.1
WCS	baz=253		eS	Sn	10 53 19.9	0.0
SMLT	Sun Moon Lake	1.91 262	eP	Pn	10 52 57.5	-0.4
SMLT	baz=257		eS	Sn	10 53 20.5	-0.4
HSN	Hsinchu	1.93 290	eP	Pn	10 52 58.6	+0.6
HSN	baz=302		eS	Sn	10 53 20.9	-0.2
EDH	Donghe	1.93 232	eP	Pn	10 52 57.7	-0.4
EDH	baz=220		eS	Sn	10 53 19.9	-1.3
TYC	Yuchr	1.95 263	eP	Pn	10 52 57.7	-0.6
TYC	baz=258		eS	Sn	10 53 21.5	-0.1
YUS	Yu-Shan	1.96 250	eP	Pn	10 52 57.9	-1.1
YUS	baz=246		eS	Sn	10 53 21.1	-1.6
TWQ1	Liyutan	2.01 276	eP	Pn	10 52 59.4	+0.2

TWQ1	baz=260		eS	Sn	10 53 23.2	0.0
LDUT	Ludao	2.02 223	eP	Pn	10 52 59.6	+0.3
LDUT	baz=220		eS	Sn	10 53 22.2	-1.2
ELDTW	Lidau	2.03 242	P	Pn	10 52 59.0	-0.6
ELDTW	baz=238		S	Sn	10 53 23.4	-0.5
WJS	Zhushan	2.08 261	eS	Sn	10 53 25.0	+0.2
ALS	Alishan	2.08 252	eP	Pn	10 53 01.9	+1.5
ALS	baz=248		eS	Sn	10 53 25.4	0.0
LONT	Longtian	2.10 234	eP	Pn	10 53 01.0	+0.6
LONT	baz=222		eS	Sn	10 53 24.4	-1.0
WDJ	Dajia District	2.13 275	eS	Sn	10 53 25.9	-0.2
CHN5	Tsauling	2.17 255	eP	Pn	10 53 02.1	+0.7
CHN5	baz=243		eS	Sn	10 53 27.3	+0.1
TWGBT	Beinan	2.19 233	P	Pn	10 53 00.8	-0.9
TWGBT	baz=221		S	Sn	10 53 27.3	-0.3
TWG	Pinlang	2.19 233	P	Pn	10 53 01.4	-0.3
TWG	baz=221		S	Sn	10 53 26.5	-1.2
STYH	Taoyuan	2.24 244	eP	Pn	10 53 02.3	0.0
STYH	baz=233		eS	Sn	10 53 28.6	-0.1
TPUB	Ta-pu	2.31 249	eP	Pn	10 53 04.2	+1.0
TPUB	baz=245		eS	Sn	10 53 30.6	0.0
WTP	Ta-pu	2.34 248	eP	Pn	10 53 04.2	+0.5
WTP	baz=244		eS	Sn	10 53 31.4	-0.1
SLGT	Liugui	2.43 242	eP	Pn	10 53 06.0	+1.1
CHN1	Nanshi	2.44 247	eP	Pn	10 53 06.2	+1.1
SNST	Tainan City	2.45 248	eP	Pn	10 53 07.5	+2.3
SSD	Sandimen	2.57 237	eP	Pn	10 53 08.7	+1.9
TSMG	Majia	2.58 236	eP	Pn	10 53 08.9	+1.9
EAST	Anshuo	2.63 228	eP	Pn	10 53 07.7	-0.1
MASBT	Mashibuluo	2.64 235	eP	Pn	10 53 09.1	+1.2

ICD 25 11:01:49.2,9.6,23.89Sx179.72W, h543km,96km, mb3.0/4, mb1 3.3/5, mb1mx3.0/22, mbtmp4.0/5, Error ellipse: s-maj=198.1km s-min=38.3km az=159.0, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	12.87	275	Op P	11 04 36.9	0.0
CTA	Charters Tower	31.73	270	P	11 07 29.0	0.0
ASAR	Alice Springs	42.29	261	P	11 08 55.5	-0.1
WRA	Warramunga Arr	42.66	266	P	11 08 58.3	-0.2
TXAR	Llallitas Arroy	90.21	58	P	11 13 52.1	-0.2

ANF 25 11:05:00.6:0.2,34.05N;118.76W, h16km,1km, ML3.4/3/4, Error ellipse: s-maj=1.4km s-min=1.2km az=79.0
PAS 25 11:05:01.4:1.6,34.06N;0.02:118.76W;0.0, h10km,6km, ML3.4/190, ML3.0/70(NEIC), Error ellipse: s-maj=3.4km
NEIC 25 11:05:01.1:1.4,34.04N;0.02:118.78W;0.0, h12km,6km, s-min=2.1km az=184.0
ISC 25 11:05:00.7:1.0,34.04N;0.02:118.79W;0.0, h11km,8km, n83, c083/113, Southern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DECC	Green Verdugo	0.43	60	Op P	11 05 09.1	-0.1
DECC	baz=242, SNR=157			S	11 05 14.6	-0.4
PASC	Pasadena Art C	0.52	75	Pg Sg	11 05 10.2	-0.6
PASC	baz=242			Pg Sg	11 05 17.4	-0.2
PASC	comp=N, 833nm, 0.5s			IAML	11 05 17.5	
FMP	Fort Macarthur	0.52	128	P	11 05 11.0	+0.1
FMP	baz=312, SNR=40			S	11 05 18.4	+0.6
GVRC	Garvey Reservo	0.55	89	Pg	11 05 11.7	+0.2
OSI	Osito Audit: C	0.57	5	Op Sg	11 05 12.1	+0.1
OSI	Osito Audit: C	0.57	5	P	11 05 12.1	+0.5
OSI	baz=183			S	11 05 20.8	-0.4
MWC	Mount Wilson	0.63	73	Pg	11 05 12.4	-0.6
MWC	baz=116			Sg	11 05 20.9	-0.5
CIS	Catalina Islan	0.71	154	P	11 05 14.6	+0.1
CIS	baz=336, SNR=43			S	11 05 24.1	+0.5
SCZ2	Santa Cruz Isl	0.71	267	P	11 05 14.5	+0.1
SCZ2	baz=84, SNR=12			S	11 05 25.2	+0.2
SBC	Santa Barbara	0.87	298	P	11 05 17.4	0.0
SBC	baz=116, SNR=12			S	11 05 30.2	+0.7
BFSC	Mount Baldy Ra	0.95	78	P	11 05 17.9	-1.3
BFSC	baz=259, SNR=447			S	11 05 31.4	-0.2
SNCC	San Nicolas Is	1.00	218	Op Sg	11 05 19.6	-0.5
SNCC	baz=259			Sb	11 05 33.9	+0.6
SNCC	comp=N, 532nm, 0.4s			IAML	11 05 38.1	
SNCC	San Nicolas Is	1.00	218	P	11 05 19.6	-0.5
SNCC	baz=38, SNR=12			S	11 05 33.3	+0.2
EDW2	Edwards Air Fo	1.06	38	P	11 05 19.6	-1.6
EDW2	baz=218, SNR=132			S	11 05 34.8	-0.4
SCI2	San Clemente I	1.08	169	P	11 05 20.8	-0.6
SCI2	baz=351			S	11 05 36.6	-0.2
ARVC	Arvin	1.08	358	P	11 05 20.7	-0.9
ARVC	baz=177, SNR=104			S	11 05 35.5	-0.3
PKM	McPerson Peak	1.20	315	P	11 05 22.7	-1.0
PKM	baz=133			S	11 05 39.2	0.0
RSBC	Riverside Bore	1.21	93	P	11 05 23.1	-0.6
MURC	Murrieta	1.39	108	P	11 05 24.8	-1.5
MURC	baz=290, SNR=96			S	11 05 44.3	-0.4
BBRO	Big Bear Solar	1.56	81	P	11 05 28.2	-0.5
BBRO	baz=263, SNR=112			S	11 05 49.0	-0.1

SMMC	Simmler	1.62 322	P	Pn	11 05 29.3	0.0
SMMC	baz=141, SNR=14		S	Sn	11 05 50.8	+0.6
ISA	Isabella, Lake	1.64 9	P	Pn	11 05 29.4	-0.2
ISA	baz=188, SNR=34		P	Pn	11 05 29.1	-0.5
RRX	Edison Barstow	1.70 60	P	Pn	11 05 30.4	+0.1
RRX	baz=241, SNR=0.0		S	Sn	11 05 51.9	-0.2
LRMC	Laurel Mtn Rad	1.70 32	P	Pn	11 05 29.9	-0.6
LRMC	baz=212, SNR=48		S	Sn	11 05 50.8	-1.6
109C	Camp Elliot, M	1.81 129	P	Pn	11 05 30.2	-1.8
109C	baz=311, SNR=24		P	Pn	11 05 29.9	-2.0
VES	Vestal, Richgr	1.81 352	P	Pn	11 05 31.8	-0.2
VES	baz=172, SNR=53		S	Sn	11 05 55.2	+0.2
PFO	Pinyon Flats O	1.98 102	Pn	Pn	11 05 34.3	-0.1
PFO	comp=E, 119nm, 0.5s		IAML		11 06 03.8	
PFO	comp=E, 101nm, 0.4s		IAML		11 06 04.4	
PFO	Pinyon Flats O	1.98 102	P	Pn	11	

25d 12h

Table with columns: X16A, Lo Mha Camp, P, 6.09 84 Pn, Pn, 11 06 31.5 +0.5, etc.

IDC 25 11:18:35.8; 1.0, 55:31S; 27.43W, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/22, mbtmp4.1/7, MS3.57, Ms1 3.5/7, ms1mx3.3/17, Error ellipse: s-maj=31.2km s-min=21.9km az=92.0

NEIC 25 11:18:39.6; 0.9, 55:45.0; 1.27; 7W.0; 2.2; h27km, 5km, mb4.3/8, Error ellipse: s-maj=22.5km s-min=11.6km az=203.0

ISC 25 11:18:37.0; 0.7, 55:35S; 0.1; 27.6W; 0.1, h10km, n29, 0.953/24, mb4.2/7, MS3.5/7, South Sandwich Islands region

Main table for 25d 12h section, listing station names, coordinates, and various data points.

IDC 25 11:21:32.0; 2.8, 42:56N-136:31E, h310km, 29km, mb2.9/3, mb1 3.0/5, mb1mx2.7/39, mbtmp3.5/5, Error ellipse: s-maj=50.0km s-min=26.7km az=101.0, Eastern Sea of Japan

Table for IDC 25 11:21:32.0... section, listing station names and data.

BUI 25 11:28:44.2; 0.0, 39:73N-103:47E, h48km, mb4.1/1, ML3.8/11, Western Nel Mongol

Table for BUI 25 11:28:44.2... section, listing station names and data.

TRN 25 11:31:32.5, 11:18N; 61:90W, h69km, MD3.4 FUNV 25 11:31:33.1, 11:19N; 61:72W, h79km, MW3.0 ISC 25 11:31:31.4; 1.3, 11:15N; 0:03; 61:79W; 0.05, h87km, 10km, n19, 0.1835/33, Windward Islands

Main table for TRN 25 11:31:32.5... section, listing station names and data.

2015 OCT

Table with columns: BAUV, El Baul, 6.54 251 eP, Pn, 11 33 05.6 +0.6, etc.

IDC 25 11:41:28.9; 2.0, 6:22S; 130:04E, h0km, mb3.6/2, mb1 4.0/6, mb1mx3.7/33, mbtmp3.8/6, ML3.9/4, Error ellipse: s-maj=53.4km s-min=25.2km az=78.0

NEIC 25 11:41:43.8; 1.0, 6:18S; 0.10; 129.75E; 0.10, h141km, 7km, mb4.0/7, Error ellipse: s-maj=14.7km s-min=13.7km az=218.0

ISC 25 11:41:44.3; 0.7, 6:96S; 0:07; 129.77E; 0:08, h150km, n26, 0.2521/30, mb3.6/7, Banda Sea

Main table for 2015 OCT section, listing station names, coordinates, and various data points.

IDC 25 11:56:10.3; 0.8, 8:11S; 149:08E, h0km, mb4.0/10, mb1 4.2/12, mb1mx4.0/34, mbtmp4.0/12, ML3.8/2, MS3.2/8, Ms1 3.2/8, ms1mx3.0/29, Error ellipse: s-maj=27.0km s-min=19.6km az=104.0

ISC 25 11:56:18.0; 8.8, 8:15S; 0.1; 148.9E; 0:2, h35km, n20, 0.090/14, mb3.9/10, MS3.4/5, Eastern New Guinea region

Main table for IDC 25 11:56:10.3... section, listing station names and data.

INET 25 11:58:48.8, 12:93N-89:12W, h95km, MW3.4 UCR 25 11:58:56.7; 0.8, 13:09N; 89:07W, h53km, 14km, ML3.8 SNET 25 11:59:56.7; 0.8, 13:09N; 89:07W, h54km, 13km, ML3.9 ISC 25 11:58:56.7; 2.1, 13:10N; 1:09; 89:07W; 0.06, h55km, n48, 0.0346/66, 2D, El Salvador

Main table for INET 25 11:58:48.8... section, listing station names and data.

1066

Table with columns: OPAM, comp=Z, 2.0um, 0.3s, 0.68 13 eP, Pn, 11 59 10.4 -0.2, etc.

PAVA Las Pavas 0.68 13 eP Pn 11 59 10.4 -0.2 PAVA Las Pavas 0.68 13 eP Pn 11 59 10.4 -0.2 UUES Universidad Ev 0.68 348 eS Pn 11 59 21.1 +0.6 UUES Universidad Ev 0.68 348 eS Pn 11 59 24.4

LBRS Las Brisas 0.69 4 eP Pn 11 59 10.6 0.0 LBRS Las Brisas 0.69 4 eP Pn 11 59 10.6 0.0 JAYA Jaya 0.69 330 eP IAML Pn 11 59 10.3 -0.5

LFU La Fuente 0.69 358 eP Pn 11 59 10.6 -0.1 LFU La Fuente 0.69 358 eP Pn 11 59 10.6 -0.1 COEB Comit de Eme 0.70 51 eP IAML Pn 11 59 10.7 -0.2

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

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CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

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CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

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CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

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CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

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CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1 CEDA San Andres 0.80 338 eP Pn 11 59 12.0 -0.1

BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 BOOS Boqueron 0.70 345 eP Pn 11 59 10.9 -0.1 TECA Tecapa 0.72 52 eP Pn 11 59 11.0 -0.2

1067

Table with columns: UZB, Uzynbulak, 0.26 1111, eP, Pg, 12.35 25.2, 0.0, KTBS, Karatobe, 1.54 289, P, Pb, 12.35 49.1, -0.1, etc.

2015 OCT

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res, TLZ, Tolley Road, 0.31 313, Op, Pn, 12.53 32.4, +0.3, etc.

25d 13h

Table with columns: MW4.4, GUC 25 13:13:45.8, 0.5, 29°72'S, 71°20'W, h44km, 1km, ML4.7, NEIC 25 13:13:46.8, 1.8, 29°75'S, 0°03'71, 38W, 0.07, h35km, 5km, etc.

25d 13h

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 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.

2015 OCT

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 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.

1068

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 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.

1075

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, etc. Includes stations like URZ Urewera, EDJR Edgecumbe, KARZ Kaharoa, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, etc. Includes stations like YNG Young, MEH Mehelia, RMQ Roma, etc.

25d 14h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Band, etc. Includes stations like CASY Casey, PSAO0 Pilbara Seismi, MORW Morw, etc.

25d 14h

Table with columns: Station, Frequency, Band, Power, and other technical details. Includes stations like BKNI, BKNI, IRM, PLCA, etc.

2015 OCT

Table with columns: Station, Frequency, Band, Power, and other technical details. Includes stations like TIN, MLAC, IRM, N02D, etc.

1076

Table with columns: Station, Frequency, Band, Power, and other technical details. Includes stations like CN2, CN2, CN2, LCO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ELL, RUDO, SGRT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like FINES, FINESS, FIA1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like H21K, R53A, MDM, etc.

mb1 3.6/3, mb1mx3.3/42, mbtmp3.3/3, MS3.7/1, Ms1 3.7/1, ms1mx2.7/18, Error ellipse: s-maj=30.2km s-min=21.1km az=160.0

ISC 25 16:59:24.2-1.4, 7.12s, 0.07:105:29E:0.06, h10km, n25, 115/19, mb3.3/3, JAWA

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cbinong, Serang, Dramaga, Citeko, Kota Agung, Cibinone, Lemang, etc.

DJA 25 17:05:12.7-1.2, 14.1N, 17.14E, h90km, 4km, M4.4/10, m85.2/3, mb4.6/10, MLv4.3/1, Mw(m)4.5/3
IDC 25 17:05:13.5-0.7, 13.94N, 145.12E, h95km, 4km, mb3.7/11, mb1 3.9/12, mb1mx3.7/44, mbtmp4.1/12, Error ellipse: s-maj=21.3km s-min=11.1km az=94.0

NEIC 25 17:05:13.5-1.0, 14.1N, 0.1:145:2E:0.2, h102km, 10km, mb4.4/21, Error ellipse: s-maj=22.9km s-min=16.5km az=106.0

ISC 25 17:05:15.4-0.5, 13.95N, 0.07:145:10E:0.10, h125km, n50, 118/52, mb4.3/24, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUM0, GUM1, GUM2, PATS, MANU, JAY, SMPJ, SJI, SWI, FAKI, etc.

UCR 25 17:40:31.7-3.7, 14.63N, 91.78W, h20km, 999km, ML4.0, MW4.3
SNET 25 17:40:35.0-0.6, 14.50N, 90.46W, h233km, 8km, ML4.2, 2C-4D, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTR, SBL, SBL2, CEVE, CEVE2, etc.

MKAR Makanchi Array 61.38 316 P P 17 15 19.9 +1.7

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

JMA 25 17:18:43.8-0.1, 40.35N, 142.08E, h50km, 1km, M3.9

IDC 25 17:18:44.2-2.0, 40.40N, 142.21E, h71km, 18km, mb3.6/4, mb1 3.6/9, mb1mx3.3/35, mbtmp3.8/9, Error ellipse: s-maj=31.5km s-min=14.1km az=103.0

ISC 25 17:18:43.3-1.1, 40.38N, 0.04:142:09E:0.08, h53km, 8km, n25, 110/30, mb3.6/5, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKEN, JANG, JANG2, etc.

UCR 25 17:40:31.7-3.7, 14.63N, 91.78W, h20km, 999km, ML4.0, MW4.3

SNET 25 17:40:35.0-0.6, 14.50N, 90.46W, h233km, 8km, ML4.2, 2C-4D, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTR, SBL, SBL2, CEVE, CEVE2, etc.

NEIC 25 17:48:59.6-2.5, 31.16N, 0.09:115:42W:0.03, h9km, 11km, Error ellipse: s-maj=13.8km s-min=2.0km az=190.0

ANF 25 17:49:00.8-0.7, 31.36N, 115.44W, h1km, ML3.3/19, Error ellipse: s-maj=6.1km s-min=3.4km az=31.0

ECX 25 17:49:02.6-0.6, 31.19N, 115.52W, h20km, 16km, ML3.5

PAS 25 17:49:02.1-1.4, 31.35N, 0.05:115:45W:0.05, h6km, 2km, ML3.6/102, ML3.3/54(NEIC), Error ellipse: s-maj=9.6km s-min=6.4km az=200.0

MEX 25 17:49:03.4-0.8, 31.10N, 115.42W, h37km, 35km, MD4.0

ISC 25 17:49:01.1-1.2, 31.24N, 0.04:115:46W:0.03, h15km, 9km, n66, 1131/84, 2C-4D, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFX, SFX2, SFX3, etc.

CBX CBX comp=N,812nm,0.2s eS IAML Sn 17 49 46.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKP, IKP2, etc.

SWSC SWSC 1.58 320 eP eS Pn 17 49 29.1 +0.5

BAR BAR 1.77 325 Pn IAML Pn 17 49 51.6 +0.4

MONP2 MONP2 1.84 334 Pg Pb 17 49 34.4 -0.2

MONP2 MONP2 1.86 314 S Sb 17 49 56.8 -0.7

TJX TJX 1.86 314 Pn Pn 17 49 32.4 +0.1

GLA GLA 1.89 16 P Pn 17 49 32.0 -0.9

GLA GLA 1.89 16 P Pn 17 49 32.0 -0.9

GLA GLA 2.10 43 Pn Pn 17 49 35.2 -0.5

109C 109C 2.16 320 P IAML Pb 17 49 38.9 -1.0

109C 109C 2.37 72 eP Sn 17 49 39.0 -0.5

214A 214A 2.37 72 eS Sn 17 49 39.4 -0.2

214A 214A 2.37 72 IAML Sn 17 50 08.3

214A 214A 2.37 72 IAML Sn 17 50 09.9

214A 214A 2.37 72 P Pn 17 49 39.3 -0.2

BC3 BC3 2.41 0 P Pn 17 49 39.7 -0.5

PFO PFO 2.52 341 Pn IAML Pb 17 49 40.7 -0.9

PFO PFO 2.52 341 Pg Pb 17 49 46.4 +0.4

PFO PFO 2.52 341 S Sb 17 50 18.2 +1.3

MURC MURC 2.78 329 Pb Pb 17 49 49.4 -1.0

MURC MURC 2.78 329 Pb Pb 17 50 24.1 -0.2

BELC BELC 2.79 351 P Pn 17 49 45.8 +0.4

BBRC BBRC 3.26 338 Sb Sb 17 50 40.9 +2.5

Y14A Y14A 3.40 37 IAML Pn 17 49 52.2 -1.5

BFSO BFSO 3.52 329 Pb Pb 17 50 01.9 -1.3

HEC HEC 3.66 349 Pg Pg 17 50 08.8 -2.4

MWC MWC 3.70 324 IAML Pn 17 49 58.3 +0.4

MWC MWC 3.70 324 IAML Pn 17 50 56.3

MWC MWC 3.70 324 IAML Pn 17 50 57.1

PASC PASC 3.72 323 IAML Pn 17 49 56.4 -1.6

PASC PASC 3.72 323 IAML Pn 17 50 55.0

PASC PASC 3.72 323 IAML Pn 17 50 59.9

W13A W13A 4.07 19 Pn Pn 17 50 02.4 -0.7

TUC TUC 4.13 74 Pn Pn 17 50 03.8 -0.1

TUC TUC 4.13 74 Pn Pn 17 50 04.0 +0.3

GSC GSC 4.21 345 IAML Pn 17 50 04.0 -0.8

GSC GSC 4.21 345 IAML Pn 17 51 20.6

GSC GSC 4.21 345 IAML Pn 17 51 28.6

GSC GSC 4.21 345 P Pb 17 50 18.0 +3.2

EDW2 EDW2 4.21 330 Pb Pb 17 50 14.2 -0.7

EDW2 EDW2 4.21 330 S Sb 17 51 08.3 +2.7

LRMC LRMC 4.62 337 S Sb 17 51 22.7 +5.2

X16A X16A 4.64 46 S Sb 17 50 10.6 -0.3

ARVC ARVC 4.80 325 S Sb 17 51 26.9 +4.5

QSM QSM 4.86 346 IAML Pn 17 50 14.0 +0.3

QSM QSM 4.86 346 IAML Pn 17 51 38.6

QSM QSM 4.86 346 IAML Pn 17 51 47.4

GWY GWY 5.04 349 IAML Pn 17 50 16.1 -0.2

GWY GWY 5.04 349 IAML Pn 17 51 47.6

GWY GWY 5.04 349 IAML Pn 17 51 52.5

ISA ISA 5.08 331 IAML Pn 17 50 16.1 -0.7

ISA ISA 5.08 331 IAML Pn 17 51 49.1

319A 319A 5.29 87 Pn Pn 17 50 20.1 +0.4

319A 319A 5.29 87 Pn Pn 17 51 56.5

319A 319A 5.29 87 Pn Pn 17 52 19.4

WUAZ WUAZ 5.47 38 IAML Pn 17 50 23.2 +1.0

WUAZ WUAZ 5.47 38 IAML Pn 17 51 23.0

WUAZ WUAZ 5.47 38 P Pn 17 50 24.0 +1.8

WUAZ WUAZ 5.47 38 S S 17 51 25.9 +0.9

X18A X18A 5.68 53 Pn Pn 17 50 24.6 -0.5

U18A U18A 5.81 26 Pn Pn 17 50 25.1 -1.9

LCMT LCMT 6.05 17 Pn Pn 17 50 30.7 +0.5

W18A W18A 6.17 50 Pn Pn 17 50 31.9 +0.1

CCB CCB 6.54 15 Pn Pn 17 50 39.2 +2.3

121A 121A 6.66 77 Pn Pn 17 50 38.0 -0.5

IDC 25 17:57:50.0-1.3, 22.83N, 123.48E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/46, mbtmp3.7/4, ML2.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/42, Error ellipse: s-maj=48.6km s-min=23.9km az=71.0

JMA 25 17:57:50.5-0.2, 23.27N, 124.37E, h47km, M3.1

ISC 25 17:57:51.7-2.8, 23.33N, 124.35E:0.06, h27km, 19km, n17, 0563/22, mb3.8/3, Southwestern Ryukyu Islands

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

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

IDC 25 18:06:29.4+1.0, 10.32'S:123.74'E, h0km, mb4.0/4, mb1 4.0/7, mb1mx3.7/20, mbtmp3.8/7, ML3.8/1, MS2.6/1, MS1 2.6/1, ms1mx3.7/20, Error ellipse: s-maj=99.7km, s-min=11.7km, az=56.0, ML4.4, 1.9

ISC 25 18:06:31.2+0.7, 10.57'S:123.8E:0.1, h10km, n15, c2505/21, mb4.0/4, 1, Timor region

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

NEIC 25 18:34:31.8+1.6, 5.31'S:0.05x147.1E:0.2, h224km, 11km, mb4.2/14, Error ellipse: s-maj=30.9km, s-min=6.5km, az=95.0

IDC 25 18:34:33.8+4.2, 5.14'S:146.65'E, h233km, 40km, mb3.5/4, mb1 3.6/7, mb1mx3.3/40, mbtmp3.4/7, Error ellipse: s-maj=39.7km, s-min=21.6km, az=96.0

ISC 25 18:34:30.6+0.9, 5.51'S:0.07x146.9E:0.1, h200km, n27, c1515/27, mb4.2/7, Eastern New Guinea region

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

IDC 25 18:34:36.9+2.0, 14.91'S:173.80W, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.8/40, mbtmp3.9/5, ML4.4/1, MS3.5/3, MS1 3.5/3, ms1mx3.8/40, Error ellipse: s-maj=126.0km, s-min=21.7km, az=152.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, AF1, H1S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N2, WAKE ISLAND Hy, WRA, etc.

IDC 25 18:58:24.3+1.8, 15.09'S:165.35E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/25, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=36.7km, s-min=33.3km, az=139.0, Vanuatu Islands

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

IDC 25 19:17:13.5+0.9, 36.30'N:141.93'E, h0km, mb3.8/9, mb1 3.9/15, mb1mx3.8/41, mbtmp3.9/15, ML2.9/5, MS3.3/5, MS1 3.4/5, ms1mx2.9/17, Error ellipse: s-maj=23.3km, s-min=16.9km, az=80.0

JMA 25 19:17:18.4+0.2, 36.41'N:141.69'E, h45km, M3.3, ISC 25 19:17:16.6+0.8, 36.34'N:141.81'E:0.08, h19km, n31, c154/23, mb3.9/9, 2C-2D, Near east of the eastern Kurils

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

ISC 25 19:17:16.6+0.8, 36.34'N:141.81'E:0.08, h19km, n31, c154/23, mb3.9/9, 2C-2D, Near east of the eastern Kurils

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N1, H1N3, H1S1, etc.

NOU 25 20:08:00.3, 42.32'S:172.81'E, h1km, ML3.5/7, South Island, New Zealand

WEL 25 20:07:59.5+0.3, 42.32'S:173.3E, h5km, M3.0/19, ML3.1/18, MLV3.0/19, Error ellipse: s-maj=0.0km, s-min=0.0km, az=122.3, South Island

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

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

IDC 25 20:11:30.4+0.7, 28.44'N:138.77'E, h526km, 16km, mb2.9/11, mb1 3.0/15, mb1mx2.9/43, mbtmp3.9/15, Error ellipse: s-maj=33.4km, s-min=11.0km, az=78.0

ISC 25 20:11:39.9+0.7, 28.11'N:138.45'E:0.1, h500km, n15, c1528/16, mb3.4/11, Bonin Islands region

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

IDC 25 20:15:34.1+3.1, 10.57'S:101.59'E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.2/34, mbtmp3.3/2, ML4.9/1, MS3.4/1, MS1 3.4/1, ms1mx2.5/18, Error ellipse: s-maj=59.8km, s-min=16.0km, az=127.0

ISC 25 20:15:38.9+2.5, 10.75'S:101.6E:0.3, h35km, n7, c157/7, Southwest of Sumatra

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

IDC 25 20:17:49.6+0.5, 0.34'S:99.14'E, h0km, mb4.6/25, mb1 4.7/27, mb1mx4.5/38, mbtmp4.6/27, ML4.6/2, MS3.4/11, MS1 3.4/11, ms1mx3.2/38, Error ellipse: s-maj=18.2km, s-min=11.0km, az=50.0

BUI 25 20:17:55.2+0.0, 0.66'S:99.19'E, h77km, mb5.2/30, mb4.8/55, MS4.6/10, MS7 4.5/4

NEIC 25 20:17:58.5+2.5, 0.35'S:108.99'E:0.10E:0.7, h66km, 6km, mb4.9/67, Error ellipse: s-maj=12.6km, s-min=8.4km, az=217.0

DJA 25 20:17:58.0+0.2, 0.2'S:2.9'E:0.1, h47km, 4km, M4.8/18, mb5.3/9, mb4.9/18, MLV5.0/17, Mv(MB)4.8/9

KLM 25 20:17:58.0, 0.41'S:99.10'E, h60km, mb5.2, ISC 25 20:17:56.9+0.3, 0.32'S:104.99'E:0.104, h53km, n256, c1539/258, mb4.8/8, MS3.6/11, 19C-9D, Southern Sumatra

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

25d 21h

2015 OCT

1086

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Barranco-do-Ve, Vaqueiros, Marlete, Vila Bispo, Messejana, Sao Teotônio, Espera, Barrancos, Nicolau / Gran, Jimena Fronter, Badajoz, Estremoz, Smir Dam, El Cabril, Miljas, Montargil, Sarsar, Chefchaouen, Mafra, Marv???, Adamuz, Sierra Gorda, Los Guajares, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Casmiolo, Conde, Palemas, Plascencia, Manteigas, MTE, Manteigas, Quesada, San Pablo, LCR, Visou, ESCD, SESP, MVO, MVO, MVO, MVO, MD31, MD31, Lamas de Olo, Lamas de Olo, Midelt, Guadarrama, GUD, GUD, JBK, JBK, PCAB, PCAB, ELOB, ELOB, ETOB, ETOB, ECAL, ECAL, PGAV, PGAV, PGAV, PGAV, OUK, OUK, OUK, ETOR, ETOR, TTIG, TTIG, TEH 25:20:45:47.8, 32°57'N, 47°71'E, h9km, ML3.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Rameshah, Sirdan, Varamin, Sefidab, Na'in, Irandeh, AHRAM, TGRZ, Tauranga, URZ, Urewera, TOZ, Tahuroa Road, MURU, Murupara, RUGZ, Rukumara Rang, RUGZ, Te Kaha, HAZ, KUA, Kuaotunu, MWZ, Matawai, RTZ, Ruatuhana, RTZ, RAGZ, Rawiri, MKAZ, Moutakai, PAKI, Pakihoro, MRHZ, Matea Rd, MRHZ, Matawai, MRHZ, Tauwhareparea, TWGZ, Maungataniwha, MTHZ, TKGZ, Te Karaka, TKGZ, Waiheke Island, WIAZ, Shannon Statio, SNZG, Pakihoro, RAHZ, Arakahi, PUZ, East Tamaki Re, PUZ, Puketiti, PUZ, RIGZ, Rimitu, RIGZ, Motutapu North, RIGZ, NMHZ, Naumai, GRZ, Great Barrier, AWAZ, Awhitu Peninsu, CNZG, Carnagh Statio, BKZ, Black Stump Fm, WHZ, Waihua, WHZ, HIZ, Haurangi, ABAZ, Army Bay, NTVZ, North Tongarir, TMVZ, Te Maari, ETVZ, East Tongarir, KNZ, Kokohu, PRGZ, Paritu Road, PRGZ, West Tongariro, WTVZ, West Tongariro, NMVZ, Ngauruhoro, ARHZ, Aropoanui, ARHZ, Taurewa, TWVZ, Otutere, OTVZ, Ngauruhoro, SNVZ, South Ngauruhoro, NGVZ, Ngauruhoro, TUVZ, Tukino, TUVZ, Kaweka Forest, KWHZ, Kaweka Forest, WHVZ, Whangape Hut, MCHZ, McNeill Hill, MHGZ, Mahia Peninsul, WMAZ, Whaiao, MOVZ, Mahiwhango, CNVZ, Clutha Hill Sta, KRHZ, Kereru, VRZ, Vera Road, CKHZ, Cape Kidnapper, KAHZ, Kahuranaki, PNHZ, Pukenui, WHVZ, Whangape Hut, PXZ, Pawanui, WAZ, Wanganui, NEZ, North Egmont, PKE, Pukeiti, PRHZ, Paritutu, DVHZ, Danversvike, POWZ, Post Office Ro, PRWZ, Pori Road, BFZ, Birch Farm, MRZ, Mangatanioka R, TITDZ, Titirangi, OGWZ, Otaki Gorge, HOWZ, Howdsworth Sta, KIW, Kapiti Island, MTW, Mount Morrison, CAW, Cannon Point, DUWZ, Dunville Isla, TRWZ, Traveller, PAWZ, Paruru Farm, WELZ, Wellington, TCW, Tory Channel, BHWZ, Barrow Haven, PLWZ, Palliser, TUWZ, Tuamarina, INZ, Nelson, QRZ, Quartz Range, BSWZ, Blackbirch Sta, THVZ, Tophouse, KHZ, Kahutara, DSZ, Denniston Nort, GVZ, Grete Valley S, INZ, Inchbonnie, MQZ, McQueen's Vall, ARGZ, Arundel, TMZ, Timaru.

STYH	baz=228	eS	Sn	23 25 59.1 +0.8	
WDLH	Douliu baz=228	1.74 259	eP	Pn	23 25 37.9 +1.0
WDLH	baz=257	eS	Sb	23 26 00.5 0.0	
TPUB	Ta-pu baz=257	1.78 246	eP	Pn	23 25 38.4 +0.9
TPUB	baz=244	eS	Sn	23 26 00.6 +0.7	
WTP	Ta-pu baz=243	1.82 245	P	Pn	23 25 38.8 +0.8
WTP	baz=243	eS	Sn	23 26 01.3 +0.4	
JISG	Ishigakijimahi	1.83 72	P	Pn	23 25 37.8 -0.3
JISG	WRL	1.86 267	S	Sn	23 26 00.6 -0.4
WRL	Guolierlin Hig baz=264	eS	Sb	23 25 39.7 +1.2	
WRL	baz=264	eS	Sb	23 26 03.5 -0.4	
WTK	Tuku baz=246	1.88 260	eP	Pn	23 25 39.5 +0.8
WTK	baz=246	eS	Sn	23 26 02.4 +0.2	
CHY	Chiayi baz=246	1.89 254	eP	Pn	23 25 39.9 +1.0
CHY	baz=252	eS	Sb	23 26 04.4 -0.4	
TWK	Hsiinying baz=252	1.91 247	eP	Pn	23 25 40.5 +1.1
TWK	baz=245	eS	Sn	23 26 04.5 +1.3	
CHN1	Nanshi baz=242	1.91 244	P	Pn	23 25 40.5 +1.2
CHN1	baz=242	eS	Sb	23 26 06.1 +0.5	
SLGT	Liugui baz=227	1.91 238	eP	Pn	23 25 40.4 +1.1
SLGT	baz=227	eS	Sn	23 26 04.3 +1.1	
SGST	Jiashian baz=239	1.92 241	eP	Pn	23 25 40.2 +0.9
SGST	baz=239	eS	Sn	23 26 04.3 +1.0	
SNST	Tainan City baz=244	1.92 246	eP	Pn	23 25 41.0 +1.6
SNST	baz=244	eS	Sb	23 26 04.9 -0.9	
WTCT	Ta-cheng baz=263	1.95 266	eP	Pn	23 25 40.5 +0.8
WTCT	baz=263	eS	Sn	23 26 04.5 +0.4	
ECL	Taimali baz=222	1.95 223	eP	Pn	23 25 39.7 -0.1
ECL	baz=222	eS	Sn	23 26 02.2 -1.9	
ICHU	Yijhu baz=250	2.06 252	eP	Pn	23 25 42.7 +1.5
ICHU	baz=250	eS	Sn	23 26 06.7 0.0	
SSD	Sandimen baz=224	2.07 232	eP	Pn	23 25 42.7 +1.3
SSD	baz=224	eS	Sn	23 26 07.8 +0.8	
TSMG	Majia baz=224	2.08 231	eP	Pn	23 25 42.9 +1.2
TSMG	baz=224	eS	Sn	23 26 08.2 +0.8	
LAY	Lan-yu baz=210	2.13 202	eP	Pn	23 25 42.6 +0.3
LAY	baz=210	eS	Sn	23 26 08.1 -0.5	
MASBT	Mashbuluo baz=222	2.15 229	eP	Pn	23 25 44.2 +1.7
MASBT	baz=222	eS	Sn	23 26 10.2 +1.1	
EAST	Anshuo baz=221	2.17 221	eP	Pn	23 25 42.9 +1.0
EAST	baz=221	eS	Sn	23 26 08.1 -1.6	
JTJ	Tarama baz=221	2.18 73	S	Sn	23 26 11.1 +1.3
SSPT	Xinbi baz=221	2.28 228	eP	Pn	23 25 46.0 +1.6
SSPT	baz=221	eS	Sn	23 26 13.1 +0.9	
SCZT	Fangliu baz=219	2.33 225	eP	Pn	23 25 47.2 +2.2
SCZT	baz=219	eS	Sn	23 26 14.2 +0.9	
SLIU	Shizi baz=220	2.33 220	eP	Pn	23 25 47.1 +2.1
SLIU	baz=220	eS	Sn	23 26 15.1 +1.6	
WLCH	Liugui baz=228	2.50 229	eP	Pb	23 25 50.2 -1.6
HEN	Hengchun baz=218	2.53 218	eS	Sn	23 26 20.4 +2.0
TSEB	Hengchuen, Pin baz=215	2.53 213	eP	Pn	23 25 50.3 +2.6
TSEB	baz=215	eS	Sn	23 26 20.9 +2.5	
TWKBT	Hengchun baz=216	2.54 216	eP	Pn	23 25 50.3 +2.4
TWKBT	baz=216	eS	Sn	23 26 20.9 +2.2	
TWK1	Hengchun baz=216	2.54 216	eP	Pn	23 25 49.2 +1.3
TWK1	baz=216	eS	Sn	23 26 19.8 +1.0	
PHUB	Peng-hu baz=258	2.64 259	eP	Pn	23 25 50.2 +1.0
PHUB	baz=258	eS	Sn	23 26 21.1 -0.1	
PNG	Penghu baz=259	2.65 261	eP	Pn	23 25 51.3 +1.9
PNG	baz=259	eS	Sn	23 26 21.1 -0.2	
MATB	Ma-tsu baz=311	3.07 314	eP	Pn	23 25 55.9 +0.7
PTMZ	Houxiangcun baz=287	3.15 289	eP	Pn	23 25 57.2 +0.9
LYJY	Jianjiangzhen baz=314	3.47 317	eP	Pn	23 26 01.6 +1.0
XPSS	Dashiqiu baz=332	3.52 326	eP	Pn	23 26 02.1 +0.8
KNM	Kinmen baz=275	3.65 277	eP	Pn	23 26 05.9 +2.8
KNMB	Chin-men Tao baz=276	3.69 278	eP	Pn	23 26 04.9 +1.2
MHZQ	Yeshan baz=302	3.69 305	eP	Pn	23 26 04.2 +0.5
AXDP	Jialang baz=281	4.13 283	eP	Pn	23 26 10.7 +1.0
ZPLA	Ao Xicun baz=288	4.26 270	eP	Pn	23 26 12.2 +0.7

TWD	Chiawan baz=252	0.74 271	eP	Pg	23 26 15.1 +0.4
TWD	baz=252	S	Sg	23 26 24.9 +0.5	
TWC	Suao baz=318	0.74 317	P	Pb	23 26 14.0 -0.7
TWC	baz=318	S	Sb	23 26 23.2 -1.3	
NACB	Ninganchiao baz=258	0.74 278	eP	Pg	23 26 15.0 +0.1
NACB	baz=258	S	Sg	23 26 25.3 +0.5	
NDS	Donshan baz=312	0.84 312	P	Pb	23 26 16.4 -0.1
NDS	baz=312	eS	Sb	23 26 26.9 -0.6	
ETLH	Xiulin Townshi baz=282	0.85 280	P	Pb	23 26 16.3 -0.4
ETLH	baz=282	S	Sg	23 26 28.1 -0.1	
ILA	Ilan baz=320	0.92 320	eP	Pb	23 26 17.7 0.0
ILA	baz=320	eS	Sb	23 26 29.7 +0.1	
ESL	Shilin baz=240	0.92 254	eP	Pg	23 26 18.3 +0.1
ESL	baz=240	eS	Sb	23 26 29.8 0.0	
TWE	Neicheng baz=315	0.93 314	P	Pb	23 26 17.9 -0.1
TWE	baz=315	S	Sb	23 26 29.8 -0.3	
NTC	Toucheng baz=326	0.94 327	P	Pb	23 26 18.1 0.0
NTC	baz=326	S	Sg	23 26 31.1 +0.1	
ENTT	Nioudou baz=307	0.95 307	P	Pb	23 26 18.4 +0.1
ENTT	baz=307	eS	Sg	23 26 31.0 -0.3	
EDNT	Datong Townshi baz=309	0.97 304	P	Pb	23 26 18.8 +0.1
EDNT	baz=309	S	Sb	23 26 31.2 0.0	
EGFH	Guangfu baz=244	0.97 246	eP	Pg	23 26 19.5 +0.3
EGFH	baz=244	eS	Sg	23 26 32.2 +0.2	
NNS	Nan Shan baz=290	1.01 292	eP	Pb	23 26 19.4 0.0
NNS	baz=290	eS	Sb	23 26 32.6 +0.2	
TWB1	Santiao Chiao baz=339	1.01 338	P	Pb	23 26 19.5 +0.2
TWB1	baz=339	S	Sg	23 26 33.1 -0.1	
WHF	Hehuan Shan baz=260	1.04 275	eP	Pb	23 26 19.6 -0.5
WHF	baz=260	eS	Sb	23 26 33.1 -0.5	
TIPB	Shuangxi baz=321	1.04 330	P	Pb	23 26 20.0 +0.1
TIPB	baz=321	S	Sb	23 26 32.5 -0.8	
HGSD	Ruisui baz=235	1.06 238	eP	Pb	23 26 19.4 -0.8
HGSD	baz=235	eS	Sb	23 26 33.3 -0.5	
FUSS	Fushou baz=278	1.07 280	eP	Pb	23 26 20.4 -0.1
FUSS	baz=278	eS	Sb	23 26 34.4 0.0	
NWL1	Wulai baz=310	1.08 311	P	Pn	23 26 20.8 +0.1
NWL1	baz=310	eS	Sb	23 26 34.2 -0.3	
YHNB	Yeheng baz=288	1.11 303	eP	Pb	23 26 20.7 -0.4
YHNB	baz=288	eS	Sb	23 26 35.4 +0.1	
CHGB	Renai baz=255	1.12 270	eP	Pb	23 26 21.0 -0.4
CHGB	baz=255	eS	Sb	23 26 36.0 +0.2	
OWD	Renai baz=263	1.13 265	eP	Pb	23 26 20.4 -1.0
OWD	baz=263	eS	Sb	23 26 34.9 -0.9	
NSK	Sanguang baz=288	1.13 303	P	Pn	23 26 21.7 +0.4
NSK	baz=288	S	Sb	23 26 35.5 -0.3	
EHY	Hungye baz=239	1.14 241	eP	Pn	23 26 19.8 -1.6
EHY	baz=239	eS	Sb	23 26 34.8 -1.1	
TWT	Tachien baz=265	1.14 280	eP	Pn	23 26 21.9 +0.3
TWT	baz=265	eS	Sb	23 26 36.3 +0.2	
NWF	Wu-fen Shan baz=330	1.15 331	P	Pn	23 26 22.1 +0.3
NWF	baz=330	S	Sn	23 26 36.8 -0.8	
TDCB	Techi baz=265	1.15 280	eP	Pn	23 26 21.8 0.0
TDCB	baz=265	eS	Sb	23 26 36.5 0.0	
TWA	Mucha baz=321	1.18 321	P	Pb	23 26 22.6 +0.4
TWA	baz=321	eS	Sn	23 26 38.0 +0.4	
NHHD	Xindian Distri baz=308	1.20 318	P	Pn	23 26 23.0 +0.5
NHHD	baz=308	S	Sn	23 26 38.2 +0.1	
YULB	Yu-li baz=251	1.21 237	eP	Pn	23 26 20.7 -1.8
YULB	baz=251	eS	Sb	23 26 36.0 -2.2	
EYUL	Yuli baz=220	1.22 234	eP	Pb	23 26 23.0 +0.1
EYUL	baz=220	eS	Sn	23 26 39.3 +0.5	
IRIF	Iriomote-Funau baz=319	1.24 77	P	Pn	23 26 22.8 -0.1
IRIF	baz=319	eS	Sb	23 26 39.3 +0.3	
TAP	Taipei baz=319	1.27 320	eP	Pn	23 26 22.9 -0.3
TAP	baz=319	eS	Sb	23 26 39.0 -0.7	
HATJ	Hateruma jima baz=324	1.28 90	P	Sn	23 26 23.4 0.0
HATJ	baz=324	eS	Sn	23 26 40.3 +0.1	
YM01	YM01 baz=324	1.31 325	eP	Pn	23 26 24.2 +0.3
YM01	baz=324	eS	Sn	23 26 41.1 0.0	
FULB	Fuli baz=215	1.33 230	eP	Pb	23 26 24.7 -0.2
FULB	baz=215	eS	Sn	23 26 42.1 +0.4	
WHP	Taichung City baz=266	1.35 279	eP	Pn	23 26 24.8 +0.4
WHP	baz=266	eS	Sb	23 26 42.6 +0.5	
CHKT	Chengkung baz=224	1.35 225	eP	Pn	23 26 23.6 -0.8
CHKT	baz=224	eS	Sn	23 26 40.4 -1.6	
SSLB	Suanglung baz=246	1.35 258	eP	Pn	23 26 25.1 -0.1
SSLB	baz=246	eS	Sn	23 26 41.4 -0.6	
WCS	Beigang Elemen baz=260	1.36 270	eP	Pn	23 26 24.8 +0.3
WCS	baz=260	eS	Sn	23 26 41.8 -0.4	
TWS1	Kuangyinshan baz=331	1.36 319	eP	Pn	23 26 24.8 +0.2
TWS1	baz=331	eS	Sn	23 26 42.0 -0.2	
ANP	Anpu baz=323	1.37 324	eP	Pn	23 26 25.2 +0.4
ANP	baz=323	eS	Sn	23 26 41.5 -1.1	
SMLT	Sun Moon Lake baz=262	1.39 263	eP	Pn	23 26 25.2 +0.2
SMLT	baz=262	eS	Sn	23 26 42.0 -0.9	

LIQB	Emei baz=294	1.39 295	eP	Pb	23 26 25.8 0.0
LIQB	baz=294	eS	Sg	23 26 44.2 -1.0	
NSTT	Nanjuang baz=293	1.40 294	eP	Pg	23 26 26.6 -0.7
NSTT	baz=293	eS	Sn	23 26 43.1 0.0	
NTST	Danshui baz=336	1.40 322	eP	Pb	23 26 25.7 -0.1
NTST	baz=336	eS	Sb	23 26 44.1 +0.7	
TCY	Chehua baz=328	1.41 329	eP	Pg	23 26 27.0 -0.4
TCY	baz=328	eS	Sg	23 26 45.6 -0.2	
TYC	Yuch baz=263	1.42 264	eP	Pn	23 26 25.6 +0.3
TYC	baz=263	eS	Sb	23 26 43.9 -0.2	
NCU	National Centr baz=307	1.43 309	eP	Pb	23 26 26.2 -0.2
NCU	baz=307	eS	Sb	23 26 45.1 +0.8	
NCUH	Zhongli baz=307	1.43 309	eP	Pb	23 26 26.5 +0.1
NCUH	baz=307	eS	Sb	23 26 45.0 +0.7	
YUS	Yu-Shan baz=246	1.45 247	eP	Pn	23 26 26.3 +0.2
YUS	baz=246	eS	Sn	23 26 44.6 -0.3	
WHYT	Xinyi Township baz=245	1.46 256	eS	Sb	23 26 45.1 -0.4
WHYT	baz=245	eS	Sn	23 26 26.6 +0.5	
JKRS	Kuro-shima baz=245	1.48 83	P	Pb	23 26 46.7 +0.9
JKRS	baz=245	eS	Sn	23 26 25.5 -0.6	
SBCB	Hsinchu baz=298	1.48 300	eP	Pn	23 26 25.5 -0.6
SBCB	baz=298	eS	Sn	23 26 45.1 0.0	
EDH	Donghe baz=222	1.48 223	eP	Pn	23 26 25.5 -0.6
EDH	baz=222	eS	Sn	23 26 43.5 -1.6	
TWQ1	Liyutan baz=267	1.51 281	eP	Pb	23 26 27.7 -0.2
TWQ1	baz=267	eS	Sb	23 26 46.8 0.0	
NSY	Sanvi baz=282	1.54 283	eP	Pb	23 26 28.4 +0.1
NSY	baz=282	eS	Sb	23 26 47.6 +0.1	
NMLH	Miaoli baz=286	1.54 288	eP	Pb	23 26 28.4 +0.1
NMLH	baz=286	eS	Sb	23 26 47.1 -0.5	
WJS	Zhushan baz=260	1.55 261	eP	Pb	23 26 28.5 0.0
WJS	baz=260	eS	Sb	23 26 47.7 -0.2	
TCU	Taichung baz=277	1.58 273	eS	Sn	23 26 47.6 +0.1
TCU	baz=277	eS	Pb	23 26 29.1 +0.1	
WNT	Mingjian baz=263	1.58 264	eP	Pb	23 26 49.4 +0.6
WNT	baz=263	eS	Sn	23 26 27.8 +0.2	
PCYT	Penghaiyu baz=348	1.58 349	eP	Pn	23 26 27.8 +0.2
PCYT	baz=348	eS	Pn	23 26 48.3 -0.2	
JIJ	Ishigaki jima baz=279	1.62 79	P	Pn	23 26 29.5 -0.4
JIJ	baz=279	eS	Sb	23 26 50.4 +0.2	
WDJ	Dajia District baz=279	1.63 280	eP	Pn	23 26

1093

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like RMQ Roma, CNB Canberra Magne, YNG Young, MILA Mila, CMAA Cobar Meteorol, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MORW Morawa, MORW Morawa, SANI Sanana, TNTI Ternate, CASY Casey, etc.

26d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SYO Syowa Base, SYO Syowa Base, RPSI Rantau Prapat, etc.

26d 1h

M04C	Macdoel	86.34	40	P	P	01 53 16.8 +1.3
L04D	Klamath Falls	86.34	40	P	P	01 53 17.0 +1.4
HSIG		86.36	56	I	Amb	01 53 18.6
NVAR	Mina Array Bea	86.46	44	P	P	01 53 17.5 +1.2
NVAR	Mina Array Bea	86.46	44	P	P	01 53 17.8 +1.4
GYA	Guyang	86.50	301	P	P	01 53 16.8 +0.1
214A	Organ Pipe Nat	86.54	52	P	P	01 53 18.6 +2.0
I03D	Drain, OR	86.59	38	P	P	01 53 18.6 +1.7
NEE2	Needles Airpor	86.80	49	P	P	01 53 19.5 +1.8
PDMCI	Parker Dam,Lak	86.88	50	P	P	01 53 19.8 +1.8
K04D	Chiloquin, OR	86.91	40	P	P	01 53 19.8 +1.5
KVN	Kaiserville	86.95	44	I	Amb	01 53 20.7
J04D	Umpqua Nationa	87.10	39	P	P	01 53 21.0 +1.8
BJI	Beijing	87.25	317	P	P	01 53 20.0 +0.3
I04A	Tendick Farm,	87.27	38	P	P	01 53 20.9 +1.1
MOD	Modoc Plateau	87.31	41	I	Amb	01 53 22.6
O18K	Koktuh Hills	87.42	13	P	P	01 53 20.1 0.0
O18K	Koktuh Hills	87.42	13	P	P	01 53 20.1 0.0
K05A	Summer Lake	87.47	40	I	Amb	01 53 23.8
H04D	Lebanon	87.55	38	P	P	01 53 22.2 +1.2
J05D	Fort Rock, OR	87.52	39	P	P	01 53 23.3 +1.7
P19K	Oil Pt	87.65	14	P	P	01 53 20.6 -0.6
G03D	McMinnville, O	87.70	37	P	P	01 53 23.4 +1.7
PRN	Port Alsworth	87.92	13	P	P	01 53 22.0 -0.3
O19K	Pahroc Range	87.98	47	I	Amb	01 53 27.0
HOM	Homer	88.01	15	P	P	01 53 24.9 +2.2
R11A	Troy Canyon, C	88.16	46	P	P	01 53 24.7 +0.5
O20K	Slope Mountain	88.17	14	P	P	01 53 24.0 +0.4
TUC	Tucson	88.19	53	P	P	01 53 27.2 +2.8
TUC	Tucson	88.19	53	P	P	01 53 27.2 +2.8
TUC	Tucson	88.19	53	P	P	01 53 26.4 +2.1
I05D	Terrebonne, OR	88.22	38	P	P	01 53 25.6 +1.4
BRSE	Bradley Lake S	88.29	15	P	P	01 53 24.4 +0.3
BMN	Battle Mountai	88.31	43	I	Amb	01 53 27.2
F04D	Rainier, OR	88.40	36	P	P	01 53 26.3 +1.4
N19K	Bonanza Creek	88.45	13	P	P	01 53 24.1 -0.8
WVOR	Wild Horse Val	88.62	41	P	P	01 53 27.4 +1.2
WVOR	Wild Horse Val	88.62	41	P	P	01 53 27.4 +1.2
XAN	Xi'an	88.72	309	P	P	01 53 27.5 +0.7
XAN	Xi'an	88.72	309	P	P	01 53 27.5 +0.7
XAN	Xi'an	88.72	309	P	P	01 53 27.5 +0.7
G05D	Wamic, OR	88.79	38	P	P	01 53 27.7 +0.9
319A	Douglas	88.80	54	I	Amb	01 53 30.9
X16A	Lo Mia Camp, P	88.82	51	I	Amb	01 53 30.5
SEW	Seward	88.92	15	P	P	01 53 27.5 +0.6
KMI	Kumming	88.93	298	P	P	01 53 29.5 +1.3
E04D	Cinebar	88.94	36	P	P	01 53 29.0 +1.6
LCMT	Little Creek M	88.97	48	I	Amb	01 53 30.6
CM31	Chiang Mai Arr	88.98	291	I	Amb	01 53 30.7
CMAR	Chiang Mai Arr	88.98	291	P	P	01 53 30.0 +1.7
CMAR	Chiang Mai Arr	88.98	291	P	P	01 57 08.4 -0.3
GAMB	Gambell	89.12	4	P	P	01 53 30.1 +2.8
I07A	Ize	89.10	39	I	Amb	01 53 31.0
CCUT	Cedar City	89.18	47	P	P	01 53 31.2 +2.1
OCOT	Cedar City	89.18	47	P	P	01 53 32.0
D04E	Lakebay	89.22	36	P	P	01 53 30.4 +1.7
KNB	Kanab	89.25	48	I	Amb	01 53 32.2
J08A	Circle Bar Ran	89.27	40	I	Amb	01 53 31.6
SPCR	Spurr Chakacha	89.27	14	P	P	01 53 27.9 -0.8
D03D	Eldon	89.28	35	P	P	01 53 30.3 +1.3
U15A	North Rim	89.30	49	I	Amb	01 53 32.6
WUAZ	Wupatki	89.44	50	P	P	01 53 31.3 +1.0
M19K	Big River Lodg	89.47	12	P	P	01 53 29.6 +0.1
L19K	White Mountain	89.63	12	P	P	01 53 30.8 +0.5
L19K	White Mountain	89.63	12	P	P	01 53 30.9 +0.5
RC01	Rabbit Creek A	89.72	15	P	P	01 53 30.7 0.0
ELK	Elko	89.73	44	I	Amb	01 53 33.8
PKUC	Pink Cliffs	89.82	48	I	Amb	01 53 35.6
SUA	Susitna One	89.82	14	P	P	01 53 30.9 -0.4
X18A	Snowflake	89.93	51	P	P	01 53 34.1 +1.6
L20K	Farewell, A.K	90.09	12	P	P	01 53 32.6 +0.2
SKT	Skwentna	90.12	14	P	P	01 53 31.6 -1.0
GLI	Glacier Island	90.17	16	P	P	01 53 32.8 +0.1
M22K	Willow	90.22	14	P	P	01 53 33.2 +0.3
CRAG	Craig	90.22	25	P	P	01 53 34.5 +1.4
EYAK	Cordova Ski Ar	90.22	17	P	P	01 53 33.0 0.0
MTPU	Mount Pierson	90.23	47	P	P	01 53 36.5 +2.4
B05A	Bryant	90.26	35	P	P	01 53 34.4 +0.9
KNK	Knik Glacier	90.30	15	P	P	01 53 33.3 -0.1
PMR	Palmer	90.30	15	P	P	01 53 33.3 0.0

2015 OCT

SEY	Seymchan	90.34	348	i	P	P	01 53 33.4 -0.1
ZEA	Zeya	90.37	332	e	P	P	01 53 34.6 +0.7
ZEA	Zeya	90.37	332	e	P	P	01 53 34.6 +0.7
E07A	Sunnyside	90.41	37	I	Amb	I	01 54 44.5
121A	Cookes Peak, D	90.48	54	P	P	P	01 53 37.1 +2.0
121A	Cookes Peak, D	90.48	54	P	P	P	01 53 36.8 +1.6
GHO	Glory Hole Cre	90.51	15	I	Amb	I	01 53 35.4
HHC	Hu-ho-hao-te	90.60	316	e	P	P	01 53 36.0 +0.6
HHC	Hu-ho-hao-te	90.60	316	e	P	P	01 53 34.5 -2.8
HHC	Hu-ho-hao-te	90.60	316	e	P	P	01 56 35.0 +1.8
HHC	Hu-ho-hao-te	90.60	316	e	P	P	01 53 36.0 +0.6
CUT	Chulitna	90.77	14	P	P	P	01 53 35.1 -0.3
PPLA	Purkeypile	90.81	13	P	P	P	01 53 34.6 -1.2
BMO	Blue Mountains	90.83	40	P	P	P	01 53 37.1 +0.7
BMO	Blue Mountains	90.83	40	P	P	P	01 53 37.1 +0.7
BMO	Blue Mountains	90.83	40	P	P	P	01 53 37.0 +0.7
K20K	Telida	90.86	12	I	Amb	I	01 53 39.6
K20K	Telida	90.86	12	I	Amb	I	01 53 36.2 +0.3
B2MR	Bremner River	90.88	17	P	P	P	01 53 36.5 +0.4
SCM	Sheep Creek Mo	90.94	15	I	Amb	I	01 53 37.5
MESA	Mesa Verde	90.95	18	P	P	P	01 53 37.4 +0.8
DUG	Dugway, Toeole	90.97	45	I	Amb	I	01 53 39.4
DUG	Dugway, Toeole	90.97	45	I	Amb	I	01 53 38.3 +1.1
KLU	Klutina	90.99	16	P	P	P	01 53 36.9 +0.3
TNA	Tin City	91.08	5	P	P	P	01 53 37.9 +1.1
CRQE	Cirque	91.11	18	P	P	P	01 53 38.1 +0.9
YAH	Yahntse	91.16	18	P	P	P	01 53 37.9 +0.2
WRAK	Wrangell Islan	91.22	25	P	P	P	01 53 38.5 +0.8
MT01	Popeta	91.25	129	P	P	P	01 53 40.1 +1.5
CAST	Castle Rocks	91.30	13	I	Amb	I	01 53 37.6
CAST	Castle Rocks	91.30	13	I	Amb	I	01 53 37.1 -0.9
Q16A	Castle Valley	91.36	47	I	Amb	I	01 53 42.8
PINM	Pinnacle	91.38	19	P	P	P	01 53 39.9 +0.4
TABL	Table Mountain	91.40	19	I	Amb	I	01 53 40.1
N25K	Chitina, Valde	91.42	17	P	P	P	01 53 39.1 +0.4
N25K	Chitina, Valde	91.42	17	P	P	P	01 53 39.1 +0.4
WAT6	Susitna Watana	91.49	15	P	P	P	01 53 38.9 -0.2
F10A	Beach Ranch, E	91.52	39	I	Amb	I	01 53 41.8
J20K	Nowita River	91.59	11	P	P	P	01 53 39.5 +0.2
MPU	Maple Canyon	91.64	46	I	Amb	I	01 53 42.8
MCARA	McCarthy VSAT	91.65	17	I	Amb	I	01 53 41.1
MCARA	McCarthy VSAT	91.65	17	I	Amb	I	01 53 40.1 +0.5
KTH	Kantishna Hill	91.65	13	P	P	P	01 53 38.3 -1.3
CHUM	Lake Minchum	91.67	12	P	P	P	01 53 38.8 -0.8
TRF	Thorofore Moun	91.69	13	I	Amb	I	01 53 40.3
TRF	Thorofore Moun	91.69	13	I	Amb	I	01 53 39.2 -0.7
LOGN	Logan Glacier	91.75	18	I	Amb	I	01 53 42.3
BARN	Barnard Glacier	91.76	18	I	Amb	I	01 53 41.8
CTG	Chitina Glacier	91.77	18	P	P	P	01 53 41.0 +0.7
CTGM	Chitina Glacier	91.77	18	P	P	P	01 53 41.0 +0.6
SPUT	South Promonto	91.80	45	I	Amb	I	01 53 43.3
HLID	Hailey	91.81	42	P	P	P	01 53 42.2 +1.2
HVU	Hansel Valley	91.85	44	I	Amb	I	01 53 43.4
MNTX	Cornudas Mount	91.86	56	P	P	P	01 53 42.6 +1.3
SRU	San Rafael Swe	91.90	47	P	P	P	01 53 42.9 +1.4
SRU	San Rafael Swe	91.90	47	P	P	P	01 53 42.9 +1.4
CTU	Camp Tracy	91.92	45	I	Amb	I	01 53 43.6
P17A	Butcher Ranch,	91.94	47	I	Amb	I	01 53 44.3
HARP	HAARP	91.95	16	P	P	P	01 53 41.5 +0.6
RND	Reindeer	91.96	14	I	Amb	I	01 53 41.7
TX31	Lajitas Ar. Si	92.05	59	I	Amb	I	01 53 45.0
TXAR	Lajitas Array	92.05	59	P	P	P	01 53 44.0 +1.6
TXAR	Lajitas Array	92.05	59	P	P	P	02 10 57.0 +1.4
BPAW	Bear Paw Mtn.	92.13	13	P	P	P	01 53 41.1 -0.7
MCK	McKinley	92.23	14	I	Amb	I	01 53 44.2
MCK	McKinley	92.23	14	I	Amb	I	01 53 42.1 -0.1
MVCO	Mesa Verde	92.30	50	P	P	P	01 53 42.6 -0.9
PAX	Paxson	92.36	15	P	P	P	01 53 42.5 -0.6
TCUT	Toone Canyon	92.36	45	I	Amb	I	01 53 46.0
PV18	Skein Mesa, Pa	92.54	49	I	Amb	I	01 54 12.2
PV13	Radium Mtn	92.56	49	I	Amb	I	01 53 49.5
PV23	Carpenter Ridg	92.58	48	I	Amb	I	01 53 48.8
YUK6	Yukon	92.62	19	P	P	P	01 53 45.4 +1.0
ANMO	Albuquerque	92.63	52	e	P	P	01 53 45.8 +0.8
ANMO	Albuquerque	92.63	52	e	P	P	01 53 46.4 +1.4
ANMO	Albuquerque	92.63	52	e	P	P	01 53 46.0 +0.9
PV21	Cone Mtn., Par	92.66	48	I	Amb	I	01 53 47.0
YUK3	Yukon	92.68	18	P	P	P	

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LBHN, BOSK, BOVA, BRVK, etc.

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

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

26d 2h

Table with columns: Station Name, Frequency, Mode, and various status indicators. Includes stations like VRAC Vranov, SRE Strehala, PRA Prague, etc.

2015 OCT

Table with columns: Station Name, Frequency, Mode, and various status indicators. Includes stations like ABTA Abfaltersbach, SOTA Sana, PDG Podgorica, etc.

1096

Table with columns: Station Name, Frequency, Mode, and various status indicators. Includes stations like GCAM G?zelcam!, AYDB Zeytinokoy-Aydi, SMG Samos, etc.

IDC 26 01:59:05.0-9.5, 31'46S-179'55W, h277km, 101km, mb2.9/2, m-bj 3.1/3, mb1mx2.9/24, mbtmp 3.6/3, Error ellipse: s-maj=98.2km s-min=4.1km az=3.0, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, etc.

NNC 26 02:07:15.1-1.9, 37'43N-178'29E, h0km, mb4.0, mpv3.7, 3C, Error ellipse: s-maj=14.6km s-min=12.2km az=90.0, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like SATY Saty, TNSN Tian-Shan, TORO Torodi Ar. Bea, etc.

DDA 26 01:57:18.2, 36'88N-27'75E, h7km, 1km, ML2.2, ISK 26 01:57:18.1, 36'92N-27'74E, h3km, ML2.8/12, THE 26 01:57:18.6, 36'90N-27'74E, h2km, 1km, ML2.6/5, Error ellipse: s-maj=1.8km s-min=0.6km az=42.0, ATH 26 01:57:18.6, 36'91N-27'77E, h12km, 3km, ML2.7/4, Error ellipse: s-maj=3.4km s-min=1.2km az=225.0

ISC 26 01:57:18.6-0.8, 36.89N-102.274E-0.02, h14km, 7km, n38, c0f48/62, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like DAT Datca, BDRM Kayabasi, BODT Bodrum, etc.

IDC 26 02:31:24.0-0.1, 25'58S-178'45E, h650km, 303km, mb3.1/3, m-bj 3.3/3, mb1mx2.8/34, mbtmp 4.3/3, Error ellipse: s-maj=271.7km s-min=120.7km az=110.0, South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 26 02:39:36.2-0.2, 23'59N-124'15E, h0km, mb4.0/13, mb1.4/216, mb1mx4.0/51, mbtmp 4.0/16, ML3.9/3, MS3.3/7, M-1 3.4/7, m1mx3.0/50, Error ellipse: s-maj=25.0km s-min=18.4km az=75.0, NEIC 26 02:39:37.3-1.8, 23'49N-124'29E-0.05, h6km, 5km, mb4.5/41, Error ellipse: s-maj=11.7km s-min=2.1km az=150.0

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like NIED 26 02:39:39.1, 23'51N-124'27E, h32km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^19N/m, M=0.36, Mb=1.25, Mw=1.61, Mo=1.7, Mo=0.43, Mo=0.60, Fault plane solution: M=1.60000x10^15 NP=36.00000, 38.00000, 1.58.00000. NP2=126.00000, 868.00000, 1.1.00000

JMA 26 02:39:39.0-0.2, 23'51N-124'27E, h32km, 3km, M4.1, ISC 26 02:39:37.6-2.0, 23'53N-124'27E-0.04, h11km, 11km, n92, c107/100, mb4.4/33, MS3.4/6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Mode, and various status indicators. Includes stations like HATJ Hateruma jima, JKRS Kuro-shima, JIRF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Suanglung, Ta-pu, Kunigami, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI Fak Fak, FAKI Fak Fak, SIJI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TBVI Tortola, TBVI Tortola, CUPR Culebra, Puert, etc.

BUI 26 04:01:55.8,0.0,4.81S,151.22E,h135km,mB5.3/11,mb4.8/19
IDC 26 04:01:56.8,0.6,5.15S,151.11E,h151km,5km,mb4.2/20,mb1.4,2/24,mb1mx4.2/45,mbtmp4.7/24,MS3.77,M51.3.7/7,ms1mx3.3/37,Error ellipse:s-maj=11.8km s-min=8.8km az=84.0
DJA 26 04:01:56.3,0.4,5.4S,151.1E,h143km,6km,M5.1/17,mb5.4/12,mb5.1/17,MLV5.3,Mw(MB)4.8/12,Mw(Mp)4.7/11,Mwps1.0/1
GCMT 26 04:01:56.3,0.3,5.24S,151.20E,0.02,h134km,3km,MW5.182, Moment Tensor Solution, s16.c16, s82.c108; Duration: 0. Moment tensor: Scale 10¹⁶N; M₀3.2e+16; M_{xx}-1.77e+17; M_{yy}1.41e+17; M_{zz}-0.45e+17; M_{xy}4.28e+16; M_{xz}-1.48e+16; Best double couple: M₀4.83000e+16 NP1=261.00000°,δ73.00000°,λ9.00000°. NP2: φ=169.00000°,δ81.00000°,λ163.00000°. Principal axes: T 4.8670, P1g18.0000°,Azml24.0000°; P -4.7920, P1g6.0000°,Azml216.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26 04:01:56.3,2.6,5.17S,151.15E,0.07,h138km,5km,mb4.7/21, Error ellipse:s-maj=11.6km s-min=9.1km az=7.0

ISC 26 04:01:57.0,0.3,5.14S,151.13E,0.05,h155km,n199,φ104/204,mb4.7/64,1C-1D,Northern Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
RABL	Rabaul	1.39	48	Ph	04 02 23.9	-2.5
MANU	Manu Island	4.85	309	Ph	04 03 09.0	-0.1
PMG	Port Moresby	5.79	223	Ph	04 03 20.1	-1.4
PMG	Port Moresby	5.79	223	P	04 03 20.9	-0.6
HNR	Honiara	9.73	117	P	04 04 12.8	-1.0
JAY	Jayapura	10.72	284	P	04 04 26.5	-0.6
JAY	Jayapura	10.72	284	P	04 04 25.9	-1.2
GENI	Genyum	11.23	283	P	04 04 31.6	-2.0
COEN	Coen	11.76	221	P	04 04 41.1	+0.5
COEN	Coen	11.76	221	Ph	04 04 40.5	-0.1
SMPI	Sumi	12.79	284	P	04 04 54.4	+0.6
PATS	Pohnpei	13.88	31	P	04 05 10.7	-0.3
MTSU	Mount Surprise	14.54	207	P	04 05 17.2	-1.0
CTA	Charters Tower	15.60	197	P	04 05 28.6	-0.6
CTAO	Charters Tower	15.60	197	I	04 05 29.8	-0.3
CTAO	Charters Tower	15.60	197	I	04 05 31.2	
SANUV	Sarautoutou	18.82	124	P	04 06 06.3	+0.8
FAKI	Fak Fak	18.96	276	P	04 06 07.4	+0.4
FAKI	Fak Fak	18.96	276	I	04 06 10.6	
QIS	Mount Isa	18.99	215	P	04 06 07.8	+0.6
GUMU	Guam	19.61	342	P	04 06 14.0	0.0
KDU	Kadavu	19.89	247	P	04 06 16.1	-0.9
EIDS	Eidsvold	20.12	180	P	04 06 20.1	+0.7
EIDS	Eidsvold	20.12	180	P	04 06 20.0	+0.6
EIDS	Eidsvold	20.12	180	I	04 06 27.3	
SJJI	Sorong	20.28	281	P	04 06 21.4	+0.1
SWI	Sorong	20.29	281	P	04 06 19.1	-2.2
MTN	Manton Dam	21.17	247	P	04 06 29.6	-1.2
MTN	Manton Dam	21.17	247	P	04 06 30.7	-0.1
MTN	Manton Dam	21.17	247	I	04 06 32.4	
RMQ	Roma	21.35	186	P	04 06 33.0	+0.4
WB0	Warramunga Arr	21.84	227	P	04 06 36.9	-1.0
WB0	Warramunga Arr	21.86	226	P	04 06 37.2	-0.8
WB2	Warramunga Arr	21.98	227	P	04 06 38.5	-0.8
WB2	Warramunga Arr	21.99	227	P	04 06 38.1	-1.3
WRA	Warramunga Arr	21.99	227	S	04 10 30.5	-1.0
WRA	Warramunga Arr	21.99	227	S	04 13 55.9	+1.0
WRA	Warramunga Arr	21.99	227	I	04 06 38.4	-1.0
WRA	Warramunga Arr	21.99	227	I	04 06 40.6	
ANA2	Anatahan	22.00	346	P	04 06 39.0	-0.5
ANA2	Anatahan	22.00	346	I	04 06 40.0	
QLP	Quilpie	22.32	196	P	04 06 42.9	+0.4
SARN	Sarigan	22.36	346	P	04 06 42.8	+0.1
SARN	Port Laiguere	22.33	340	P	04 06 43.7	+0.8
DZM	Mont Dumac	22.43	140	P	04 06 43.6	-0.1
DZM	Mont Dumac	22.43	140	P	04 06 43.8	+0.2
DZM	Mont Dumac	22.43	140	eP	04 06 43.5	+0.2
DZM	Mont Dumac	22.43	140	P	04 06 43.9	+0.2
ONTNC	Ouen Toro	22.61	140	P	04 06 45.8	+0.5
ONTNC	Ouen Toro	22.61	140	P	04 06 46.1	+0.9
YATNC	Mamuti Plateau	22.71	139	P	04 06 47.1	+0.9
OUENC	Ouen Island, N	22.93	140	P	04 06 48.8	+0.5
OUENC	Ouen Island, N	22.93	140	I	04 06 49.7	
OUENC	Ouen Island, N	22.93	140	P	04 06 49.1	+0.8
MARNC	Mare, Loyalty	23.07	136	P	04 06 50.3	+0.7
MARNC	Mare, Loyalty	23.07	136	P	04 06 50.3	+0.7
KNRA	Kunurra	24.34	243	P	04 07 01.0	-0.1
KNRA	Kunurra	24.34	243	P	04 07 01.4	+0.3
AS31	Alice Springs	24.80	220	P	04 07 05.5	+0.2
ASAR	Alice Springs	24.80	220	P	04 07 05.2	-0.2
ASAR	Alice Springs	24.80	220	pP	04 07 36.1	-1.2
ASAR	Alice Springs	24.80	220	S	04 11 21.9	+5.3
ASAR	Alice Springs	24.80	220	S	04 14 02.5	+0.1
ASAR	Alice Springs	24.80	220	P	04 07 05.5	+0.2
ASPA	Alice Springs	24.80	220	P	04 07 05.0	-0.3
ARMA	Armadale	25.15	179	P	04 07 09.5	+1.0
ARMA	Armadale	25.15	179	P	04 07 09.4	+0.9
SANI	Sanana	25.28	276	P	04 07 09.0	-0.7
CMSA	Cobar Meteorol	26.76	190	P	04 07 22.6	-0.2
FITZ	Fitzroy Crossi	28.04	241	P	04 07 33.6	-0.9
FITZ	Fitzroy Crossi	28.04	241	P	04 07 33.5	-0.9
FITZ	Fitzroy Crossi	28.04	241	pP	04 08 04.0	-3.0
FITZ	Fitzroy Crossi	28.04	241	LR	04 18 42.8	
SVTZ	Fitzroy Crossi	28.04	241	P	04 07 34.0	-0.4
STKA	Stephens Creek	28.07	197	P	04 07 34.1	-0.3
STKA	Stephens Creek	28.07	197	P	04 07 33.4	-1.1
STKA	Stephens Creek	28.07	197	LR	04 18 28.6	
STKA	Stephens Creek	28.07	197	P	04 07 34.3	-0.1
DAV	Davao City (W)	28.24	295	LR	04 19 18.9	
MSVF	Nonsavu	29.15	118	P	04 07 44.6	+0.3
WRKA	Warakurna	29.53	226	P	04 07 46.7	-0.9

HTT	Hallett	30.36	200	P	04 07 54.6	-0.2
BBOO	Buckleboob	30.92	205	P	04 07 59.2	-0.5
BBOO	Buckleboob	30.92	205	I	04 07 59.8	-0.3
TOLIZ	Tollitoli	30.95	281	P	04 08 00.0	-0.1
TOLIZ	Tollitoli	30.95	281	I	04 08 01.5	
ARPS	Mount Arapiles	32.62	194	P	04 08 14.9	+0.4
FORT	Forrest	33.49	218	P	04 08 21.6	-0.6
FORT	Forrest	33.49	218	P	04 08 21.3	-0.8
PSA00	Pilbara Seisms	34.43	239	P	04 08 29.1	-1.4
PSA00	Pilbara Seisms	34.43	239	I	04 08 30.3	
Ouz	Omahuta	36.42	148	P	04 08 49.8	+1.7
KNTN	Kanton	37.13	88	P	04 08 55.0	+1.5
MEEK	Meekatharra	37.69	232	P	04 08 57.4	-0.7
Haiti	Haiti	39.60	150	P	04 09 15.5	+1.7
KMRZ	Kaimai	39.64	149	P	04 09 20.1	+5.9
GIRL	Giralia	39.66	240	P	04 09 14.5	+0.1
GIRL	Giralia	39.66	240	P	04 09 14.6	+0.1
QFZ	Quartz Range	40.39	155	P	04 09 21.8	+1.5
HAZ	Te Kaha	40.55	147	P	04 09 22.7	+1.1
URZ	Urewera	40.56	148	P	04 09 22.6	+1.0
URZ	Urewera	40.56	148	P	04 09 22.7	+1.0
URZ	Urewera	40.56	148	P	04 09 24.1	+1.6
RUGZ	Raukumara Rang	40.65	147	P	04 09 24.2	+1.2
MXZ	Matakoao Point	40.70	146	I	04 09 24.1	
MWZ	Matawai	40.84	148	P	04 09 26.0	+2.0
MORW	Morawa	40.85	230	P	04 09 23.3	-1.0
MORW	Morawa	40.85	230	P	04 09 23.5	-0.8
MTHZ	Maungataniwha	40.86	149	P	04 09 25.1	+0.9
BKZ	Black Stump Fm	40.92	149	P	04 09 25.2	+0.5
BKZ	Black Stump Fm	40.92	149	I	04 09 26.2	
BKZ	Black Stump Fm	40.92	149	P	04 09 25.9	+1.2
TMWZ	Tauwhareparae	40.97	147	P	04 09 24.3	-0.8
NMGZ	Naumai	41.03	149	P	04 09 28.7	+3.0
PUZ	Puketitii	41.04	147	P	04 09 26.5	+0.8
NNZ	Nelson	41.08	154	P	04 09 26.1	+0.3
TKGZ	Te Karaka	41.09	148	P	04 09 23.2	-2.8
BLDU	Baldwin	41.12	228	P	04 09 25.2	-1.2
KRHZ	Kereru	41.22	150	P	04 09 28.0	+0.9
RIGZ	Rimuhau	41.23	148	P	04 09 28.4	+0.1
THZ	Tophouse	41.32	155	I	04 09 28.3	+0.3
THZ	Tophouse	41.32	155	I	04 09 29.2	
TUWZ	Tuamarina	41.49	154	P	04 09 30.2	+0.9
BSWZ	Blackbirch Sta	41.70	154	P	04 09 31.3	+0.4
SNZO	South Karori	41.74	153	P	04 09 32.0	+0.8
BHWZ	Birniehead	41.89	153	P	04 09 33.2	+0.7
LTZ	Lake Taylor	41.91	157	I	04 09 34.5	+1.8
LTZ	Lake Taylor	41.91	157	I	04 09 36.3	
BFZ	Birch Farm	41.96	151	P	04 09 33.4	+0.3
BFZ	Birch Farm	41.96	151	I	04 09 40.1	
JMN	Monobe	41.96	338	P	04 09 34.4	+1.2
JMN	Monobe	41.96	338	I	04 09 34.4	
NWAO	Narogin (SRO)	41.98	225	P	04 09 32.2	-1.1
NWAO	Narogin (SRO)	41.98	225	P	04 09 32.4	-1.0
NWAO	Narogin (SRO)	41.98	225	P	04 09 32.3	-1.1
NWAO	Narogin (SRO)	41.98	225	I	04 09 53.4	
MSWZ	Moikau Station	42.07	153	P	04 09 33.6	-0.3
KHZ	Kahutara	42.13	155	P	04 09 33.9	-0.5
KHZ	Kahutara	42.13	155	I	04 09 35.5	
PLWZ	Palliser	42.19	153	P	04 09 35.4	+0.4
MUN	Mundaring	42.19	226	P	04 09 34.4	-0.7
RPZ	Rata Peaks	42.25	158	P	04 09 35.8	+0.4
RPZ	Rata Peaks	42.25	158	I	04 09 37.2	
OXZ	Oxford	42.28	157	P	04 09 36.3	+0.6
OXZ	Oxford	42.28	157	I	04 09 52.4	
LBZ	Lake Benmore	42.52	160	P	04 09 37.5	-0.1
LBZ	Lake Benmore	42.52	160	I	04 09 38.4	
JNU	Nakatsue	42.62	335	P	04 09 38.6	+0.1
JNU	Nakatsue	42.62	335	I	04 09 39.3	+0.7
JNU	Nakatsue	42.62	335	I	04 09 40.7	
MLZ	Mavora Lakes	42.73	162	P	04 09 40.0	+0.8
MLZ	Mavora Lakes	42.73	162	I	04 09 52.9	
KSRS	Korea Array	47.57	353	P	04 10 18.1	+0.6
KSRS	Korea Array	47.57	353	P	04 10 17.0	0.0
NJ2	Nanjing	48.08	322	eP	04 10 23.0	+1.5
NJ2	Nanjing	48.08	322	eP	04 10 23.0	+1.5
USRK	Ussysky Ar	52.05	343	pP	04 11 27.3	+1.3
GYA	Guyang	53.29	308	pP	04 11 02.8	+2.0
GYA	Guyang	53.29	308	pP	04 11 02.8	+2.0
KMI	Kumming	55.81	305	pP	04 11 24.8	+5.7
KMI	Kumming	55.81	305	pP	04 11 24.8	+5.7
CMAR	Chiang Mai Arr	56.52	296	P	04 11 25.4	+1.4
CMAR	Chiang Mai Arr	56.52	296	P	04 11 24.5	-0.3
KLR	Kul'dur	56.72	345	P	04 11 24.5	-0.3
CD2	Chengdu	57.70	312	eP	04 11 32.3	+0.3
PETK	Petrovskoyevsk	58.29	5	P	04 11 35.3	-0.5
PETK	Petrovskoyevsk	58.29	5	P	04 11 35.7	-0.1
HHC	Hu-ho-hao-te	58.36	325	eP	04 11 37.8	+1.1
HHC	Hu-ho-hao-te	58.36	325	eP	04 12 11.3	-0.9
HHC	Hu-ho-hao-te	58.36	325	pP	04 12 11.3	-0.9
HHC	Hu-ho-hao-te	58.36				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Singaraja, Bau Bau, Gumukmas, Banyugugur, Suluksamba, Kappang, etc.

IDC 26 05:10:15.8-6.9, 17.42S-174.03W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/28, mbtmp3.7/3, MS3.2/3, Ms1 3.2/3, ms1mx2.9/23, Error ellipse: s-maj=140.0, Tonga Islands

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

ANF 26 06:11:00.8-0.2, 43.54N-121.75W, h7km, 2km, ML3.2/17, Error ellipse: s-maj=1.8km s-min=1.2km az=79.0

NEIC 26 06:11:01.1-1.6, 43.54N-121.79W, 0.02, h5km, 5km, Error ellipse: s-maj=2.2km s-min=1.8km az=85.0

SEA 26 06:11:01.3-1.3, 43.53N-121.73W, 0.02, h7km, 7km, ML3.0/68, ML2.8/60(NEIC), Error ellipse: s-maj=2.1km s-min=1.4km az=223.0

ISC 26 06:11:00.9-1.1, 43.53N-121.76W, 0.02, h5km, 11km, n69, c089/82, Oregon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Umpqua Nationa, Fort Rock, etc.

ISC 26 06:16:26.1-1.4, 6.48S-155.05E, h0km, mb2.5/3, mb1 3.8/3, mb1mx3.5/35, mbtmp3.5/3, Error ellipse: s-maj=91.1km s-min=30.3km az=134.0

Bougainville-Solomon Islands region

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

ISC 26 06:29:02.8-2.9, 54.21N-86.54E, h0km, mb2.5, mpv2.4, Suspected Mining explosion.

IDC 26 06:29:04.8-2.4, 54.08N-86.46E, h0km, mb1 3.0/2, mb1mx3.0/50, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=19.5km s-min=12.0km az=60.0

ISC 26 06:29:06.3-6.5, 54.55N-102.83E, 0.08, h0km, n7, r121/9, 7C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO, ZALV, etc.

ANF 26 06:34:00.7-0.3, 36.37N-97.70W, h1km, 3km, ML.4.0/11, Error ellipse: s-maj=2.4km s-min=2.1km az=130.0

TUL 26 06:34:00.9-1.2, 36.37N-102.97W, 0.06, h5km, 7km, ML3.4, mb, Lg3.5/93(NEIC), Error ellipse: s-maj=6.8km s-min=1.7km az=70.0

NEIC 26 06:34:01.3-1.4, 36.37N-102.97W, 0.06, h5km, 7km, Error ellipse: s-maj=7.1km s-min=1.7km az=70.0

ISC 26 06:34:00.3-1.3, 36.39N-103.97E, 0.03, h0km, 11km, n96, c089/83, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OK009, OK001, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like M04C, TDH, L02E, YBH, LASM, etc.

IDC 26 06:16:26.1-1.4, 6.48S-155.05E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/35, mbtmp3.5/3, Error ellipse: s-maj=91.1km s-min=30.3km az=134.0

Bougainville-Solomon Islands region

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

ISC 26 06:29:02.8-2.9, 54.21N-86.54E, h0km, mb2.5, mpv2.4, Suspected Mining explosion.

IDC 26 06:29:04.8-2.4, 54.08N-86.46E, h0km, mb1 3.0/2, mb1mx3.0/50, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=19.5km s-min=12.0km az=60.0

ISC 26 06:29:06.3-6.5, 54.55N-102.83E, 0.08, h0km, n7, r121/9, 7C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H46RU, ZAAO, ZALV, etc.

ANF 26 06:34:00.7-0.3, 36.37N-97.70W, h1km, 3km, ML.4.0/11, Error ellipse: s-maj=2.4km s-min=2.1km az=130.0

TUL 26 06:34:00.9-1.2, 36.37N-102.97W, 0.06, h5km, 7km, ML3.4, mb, Lg3.5/93(NEIC), Error ellipse: s-maj=6.8km s-min=1.7km az=70.0

NEIC 26 06:34:01.3-1.4, 36.37N-102.97W, 0.06, h5km, 7km, Error ellipse: s-maj=7.1km s-min=1.7km az=70.0

ISC 26 06:34:00.3-1.3, 36.39N-103.97E, 0.03, h0km, 11km, n96, c089/83, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OK009, OK001, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like T35B, FNO, TUL1, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RSO Redoubt South, O22K Cooper Landing, RED Redoubt Volcan, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ISLE comp=E,25nm,1.3s, ISLE comp=N,34nm,4.2s, BARN Barnard Glacier, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, TXAR Lajitas Array, NNC 26 07:29:08.2, etc.

26d 9h

Table with columns: Tokat, Toka, BNGB, GUNE, KAMA, HACI, HACO, KOPT, BAYT, KOZT, YOZ, SVAN, KOZK, CEVT, CMRD. Includes station names, coordinates, and other technical data.

CNRM 26 09:05:02.3,35.70N,4.83W,h94km,m12.1
MDD 26 09:05:04.9,0.7,35.93N,4.76W,h81km,6km,mb2.7/24,
Error ellipse: s-maj=6.5km s-min=3.8km az=171.0,
PRXIMO

INMG 26 09:05:04.8,1.6,35.96N,4.81W,h78km,4km,ML2.3,Error
ellipse: s-maj=6.1km s-min=3.4km az=175.0
IGL 26 09:05:04.3,35.95N,4.75W,h25km,ML2.3
ISC 26 09:05:02.81,1.1,35.87N,0.2,4.78W,0.02,h35km,n80,
az=25/139,1C-3D, Strait of Gibraltar

Main table for 26d 9h section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists various stations like CEU, ECEU, SMIR, EMIJ, etc.

2015 OCT

Main table for 2015 OCT section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like MESJ, MORF, PAB, PESTR, etc.

NEIC 26 09:08:47.6,1.6,17.9S;0.1,178.6W;0.1,h537km,9km,
mb4.2/64, Error ellipse: s-maj=20.9km s-min=16.1km
az=154.0
IDC 26 09:08:49.1,1.0,18.0S;178.62W,h562km,10km,
mb3.8/11,mb1.4/0.13,mb1mx3.8/30,mbtmp4.7/13,Error
ellipse: s-maj=16.6km s-min=12.0km az=126.0

ISC 26 09:08:49.0,6,17.96S;0.08,178.65W;0.08,h579km,
n96,r133/89,mb4.2/40, Fiji Islands region

Continuation of the 2015 OCT table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like MSVF, AFI, NIUE, etc.

1104

Main table for 1104 section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like CTA, CTAO, CAN, COEN, etc.

NEIC 26 09:09:32.0,2.2,36.46N;0.06,70.69E;0.07,h207km,4km,
mb5.9/133, Error ellipse: s-maj=8.8km s-min=8.2km
az=87.0
IDC 26 09:09:33.8,0.4,36.47N;70.83E,h231km,3km,mb5.4/42,
mb1.5/4.48,mb1mx5.4/48,mbtmp6.0/48,Error ellipse:
s-maj=6.0km s-min=5.5km az=2.0

ISC 26 09:09:32.6,0.2,36.42N;0.03,70.80E;0.02,h217km,1km,
h217km,pp-P,N2088,r163/2276,mb5.9/89,689C-221D,
Fault plane solution: NP1:057.61677,652.52076,
7.9,48992. N P2:254.57362,338.71571,1.103,38228.
Principal axes: T P179.1072, Azm284.5718; N
P168.3254, Azm64.0576; P P166.9770, Azm155.0834;
Fault plane solution: NP1:104.64717,857.63113,
7.85,66660. N P2:292.70337,332.62637,3.96,79796.
Principal axes: T P176.9290, Azm0.9820; N
P163.6591, Azm106.9703; P P162.5309,
Azm197.7847; Hindu Kush region

Continuation of the 1104 table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like KBL, KBL, KBL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like BTk Batken, THW Thamme Wali, SFK Sufi-Kurgan, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like UZB Uzynbulak, UZB Uzynbulak, ARXS Arharly, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like WBK Wadi Bani Khal, WBK Wadi Bani Khal, ASHO Ashiyah, etc.

26d 9h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ARU, KARS, SILR, and many others.

2015 OCT

Table with columns for station code, name, frequency, and signal strength. Includes stations like ANN, LZH, SVSK, and many others.

1106

Table with columns for station code, name, frequency, and signal strength. Includes stations like OBN, OBN, OBN, and many others.

26d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIR, RUDO, KOMI, LTKH, FSKO, VLS, MCO, PSDA, NJ2, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, SSE, SSE, SSE, SSE, etc.

1108

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, CLL, CLL, CLL, CLL, etc.

26d 9h

Table with columns: SUR, Sutherland, 82.89 221 S, 09 31 32.7 -0.7, etc. Lists various stations and their coordinates.

2015 OCT

Table with columns: BINY, Binghamton, 96.07 336 P, 09 22 34.8 -0.7, etc. Lists various stations and their coordinates.

1112

Table with columns: KSU1, Kansas State U, 103.96 350 P, 09 23 11.7 +1.0, etc. Lists various stations and their coordinates.

26d 9h

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like Son La, Enshi, Sadao Pong, etc.

2015 OCT

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like TRO Tromso, MSEA Mahe Island, NKC Namy Kostel, etc.

1114

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like KSBUS Busan, BER Bergen, HSPB Hornsund, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CUGUR, CUKAN, ELZG, ELZG, ELBBS, etc.

IDC 26 09:26:23.4-8.5, 36:25N:70:36E, h188km, 78km, mb4.1/6, mb1 4.2/7, mb1mx3.8/4.9, mbtmp4.7/7, Error ellipse: s-maj=22.1km s-min=33.3km az=156.0

NEIC 26 09:26:26.8-0.8, 36:48N:0:07:27E, h0:09, h209km, 7km, mb4.2/3, Error ellipse: s-maj=10.6km s-min=10.0km az=133.0

ISC 26 09:26:26.5-0.7, 36:52N:0:06:70E, h204km, n39, 106/41, mb4.3/6.3, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CHGR, GAR, CEP, DRK, etc.

IDC 26 09:36:07.7-3.6, 36:21N:70:60E, h176km, 30km, mb3.0/9, mb1 4.0/14, mb1mx3.6/5.6, mbtmp4.5/14, Error ellipse: s-maj=34.3km s-min=19.3km az=134.0

NEIC 26 09:36:11.6-0.9, 36:50N:0:07:52E, h0:10, h204km, 5km, mb4.6/12, Error ellipse: s-maj=11.2km s-min=9.5km az=101.0

NNC 26 09:36:16.5-9.5, 36:99N:70:48E, h216km, 191km, mb3.7, mpv5.0, Error ellipse: s-maj=106.0km s-min=51.2km az=62.0

ISC 26 09:36:11.6-0.7, 36:56N:0:07:55E, h204km, n51, 195/59, mb4.3/11, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CHGR, GAR, DRK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EK2S, AAK, AAK, AAK, AAK, etc.

IDC 26 09:46:10.6-7.9, 35:87N:70:68E, h176km, 68km, mb3.7/7, mb1 3.8/9, mb1mx3.4/6.5, mbtmp4.2/9, Error ellipse: s-maj=72.3km s-min=19.9km az=38.0

NEIC 26 09:46:17.4-1.5, 36:49N:0:02:70E, h201km, 6km, mb4.3/3, Error ellipse: s-maj=9.8km s-min=2.3km az=76.0

NINC 26 09:46:17.3-12.0, 36:93N:70:9E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=130.3km s-min=83.5km az=37.0

ISC 26 09:46:17.2-0.8, 36:56N:0:06:70E, h209km, n38, 192/40, mb3.8/7, 1C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CHGR, GAR, CEP, DRK, etc.

IDC 26 09:46:57.9-4.6, 36:01N:70:76E, h180km, 40km, mb3.7/10, mb1 3.7/15, mb1mx3.4/6.8, mbtmp4.3/15, Error ellipse: s-maj=39.6km s-min=26.9km az=149.0

NEIC 26 09:47:01.5-1.8, 36:23N:0:08:70E, h218km, 7km, mb4.5/13, Error ellipse: s-maj=16.4km s-min=12.1km az=100.0

ISC 26 09:46:59.9-0.8, 36:11N:0:10:70E, h200km, n45, 109/45, mb4.2/14, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBL, CHGR, GAR, AML, UCH, etc.

Table with columns: NR/K, Station Name, Az, El, P, S, Time, Res. Includes stations like Noril'sk, Karpatos, FIA1, etc.

Table with columns: TARG, SMLA, SMLA, SMLA, Time, Res. Includes stations like Taragay, Simla, Maiteube, etc.

Table with columns: PALK, PALK, PALK, CMAR, CMAR, HHC, HHC, AKASG, AKASG, AKASG, etc. Includes stations like Pallekele, Chiang Mai, Hu-ho-hao-te, etc.

IDC 26 09:49:36.3±2.0, 36.37Nk70.51E, h189km±19km, mb4.2/34, mb1.4, 3/39, mb1mx4.1/71, mbtmp4.8/39, Error ellipse: s-maj=0.7km s-min=8.3km az=16.0

MOS 26 09:49:36.6±0.9, 36.37Nk70.46E, h197km, mb5.0/20, Error ellipse: s-maj=8.1km s-min=4.1km az=92.3

BUI 26 09:49:37.4±0.0, 36.35Nk70.49E, h206km, mb4.9/11, NEIC 26 09:49:38.5±2.2, 36.55Nk70.42E±0.07, h203km, mb4.6/49, Error ellipse: s-maj=9.1km s-min=6.8km az=141.0

NNC 26 09:49:39.8±4.3, 36.84Nk70.28E, h165km±77km, mb4.4, mpv5.2, Error ellipse: s-maj=39.1km s-min=34.4km az=35.0

ISC 26 09:49:37.6±0.3, 36.51Nk70.04E±0.04, h200km, n269, f=152/238, mb4.6/70, 11C-16D, Hindu Kush region

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res. Lists numerous stations including Kabul, Batken, Chirchik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SISI Saibi, GSI Gunungsitoli, PPSI Pulau Pagai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, ENH Entzu, SNJI Sorong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KKAR Karatay Array, CTA Charters Tower, etc.

26d 12h

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

IDC 26 11:59:25.4, 8.7, 36.32N, 71.30E, h194km, 64km, mb3.1/2, mb1 3.0/5, mb1mx2.9/51, mbtmp3.8/5, Error ellipse: s-maj=165.6km s-min=54.4km az=94.0

NNC 26 11:59:28.2, 5.4, 36.86N, 70.35E, h158km, 119km, mb3.1, mpv4.0, Error ellipse: s-maj=51.5km s-min=32.8km az=14.0

ISC 26 11:59:23.8, 1.5, 36.6N, 0.1x70.5E, 0.1, h200km, n9, a185/13, 1C, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, AAK, etc.

IDC 26 12:02:10.4, 8.5, 36.43N, 71.33E, h205km, 59km, mb2.8/1, mb1 3.0/5, mb1mx2.8/50, mbtmp3.5/5, Error ellipse: s-maj=148.9km s-min=51.6km az=90.0

ISC 26 12:02:07.2, 2.0, 36.5N, 0.1x70.6E, 0.3, h200km, n6, a120/7, 1C, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, AAK, etc.

NNC 26 12:07:05.4, 8.3, 36.98N, 70.05E, h0km, mb4.0, mpv3.5, 4C-2D, Error ellipse: s-maj=75.3km s-min=50.2km az=156.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, AAK, etc.

BJI 26 12:34:13.1, 0.0, 35.50N, 135.90E, h360km, mb5.3/21, mb5.0/72

IDC 26 12:34:15.0, 0.5, 35.44N, 135.82E, h345km, 4km, mb4.1/32, mb1 4.2/40, mb1mx4.1/54, mbtmp4.8/40, Error ellipse: s-maj=7.9km s-min=6.6km az=116.0

NEIC 26 12:34:15.9, 2.2, 35.46N, 0.06:135.83E, 0.08, h343km, 5km, mb4.6/110, Error ellipse: s-maj=9.8km s-min=9.1km az=131.0

JMA 26 12:34:16.0, 0.1, 35.50N, 135.80E, h346km, 1km, M4.6 Broadband fault plane solution: P waves. NP1: phi=57.00000, delta=0.00000, lambda=-52.00000, NP2: phi=194.00000, delta=0.00000, lambda=-112.00000, Principal axes: T P1g16.00000, Azm300.00000, N P1g20.00000, Azm204.00000; P1g64.00000, Azm66.00000

ISC 26 12:34:15.1, 0.4, 25.48N, 0.04x135.75E, 0.04, h344km, 4km, m539, a1830/578, mb4.5/108, 113C-73D, Fault plane solution: NNC 19P1: phi=52.64344, delta=10.44150, lambda=38.76655, NP2: phi=180.94376, delta=883.48416, lambda=98.17665, Principal axes: T P1g37.96333, Azm278.27233, N P1g8.1235, Azm181.8779; P1g50.8629, Azm81.7755; Western Honshu

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

2015 OCT

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

0.5nm, 0.3s, baz=111, slow=28, SNR=5.0

36nm, 0.3s, baz=79, slow=23, SNR=6.8

83nm, 0.3s, baz=43, slow=0.6, SNR=495

baz=231, slow=14, SNR=6.6

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

1124

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

132nm, 0.3s, baz=98, slow=23, SNR=20

6.4nm, 0.3s, baz=228, slow=11, SNR=28

2.6nm, 0.3s, baz=253, slow=29, SNR=2.0

comp=Z, 470nm, 1.0s

comp=Z, 1.1um, 3.9s

3.9nm, 0.3s, baz=88, slow=17, SNR=11

1.0nm, 0.3s, baz=143, slow=18, SNR=1.4

comp=Z, 340nm, 0.9s

Dalian 11.77 291 P P 12 36 55.3 +0.9

YLL Yuzo-Sakhalins 12.61 221 P P 12 37 03.8 +0.2

KLR Kul'dur 14.06 349 P P 12 37 18.1 -1.3

KLR baz=341, slow=16, SNR=1.9

KLR 0.1nm, 0.3s, baz=349, slow=3.1, SNR=5.2

NJ2 Nanjing 14.47 261 P P 12 37 24.5 +0.4

TIA Taian 15.13 278 P P 12 37 31.8 +0.4

TIA comp=Z, 66nm, 0.6s

BJI Beijing 16.14 292 P P 12 37 41.5 -0.7

BJI comp=Z, 99nm, 0.8s

BJI comp=N, 1.1um, 20.6s

BJI comp=E, 880nm, 20.3s

BJI comp=Z, 2.1um, 21.6s

BJT Baijiutau 16.14 292 P P 12 37 41.6 -0.6

YHNB Yehang 16.44 233 P P 12 37 44.0 -1.8

YHNB comp=Z, 20nm, 0.6s

NACB Ninganchiao 16.64 231 P P 12 37 45.5 -2.4

NACB comp=Z, 25nm, 1.0s

SSLB Suangliang 17.33 232 P P 12 37 52.9 -2.5

TPUB Ta-pu 17.99 231 P P 12 38 01.2 -0.8

TPUB comp=Z, 28nm, 0.8s

HIH Hailar 18.11 324 P P 12 38 02.0 -1.3

KNMB Chin-men Tao 18.59 239 P P 12 38 07.6 -1.1

WHN Wuhan 18.60 261 P P 12 38 08.5 -0.2

WHN comp=Z, 300nm, 0.6s

TIY Taiyuan 18.85 284 P P 12 38 10.5 -0.9

HHC Hu-ho-hao-te 19.74 293 P P 12 38 18.3 -2.5

HHC comp=Z, 42nm, 1.1s

XAN Xi'an 22.07 274 P P 12 38 42.0 -0.4

XAN comp=Z, 44nm, 1.0s

ENH Enshi 22.63 264 P P 12 38 47.2 -0.4

GUMO Guam 23.29 157 P P 12 38 53.0 -0.5

PEAOB Petropavlovsk 23.45 34 P P 12 38 54.8 +0.1

PETK Petropavlovsk 23.45 34 P P 12 38 54.4 -0.3

PETK comp=Z, 30nm, 0.8s, baz=218, slow=9.4, SNR=20

PETK Petropavlovsk 23.85 36 P P 12 38 57.9 -0.3

1125

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like SANI, APSI, MSAI, ZAAO, ZALV, ZALV, ZALV, ZALV, BNDI, MK31, MKAR, MKAR, MKAR, KSM, MAKZ, NRIK, NRIK, NRIK, KURK, PRZ, TNA, TARG, ANM, ANM, SOEI, SOEI, KSH, BATI, SDPT, AAK, CHNA, MTN, BRVK, GCSA, GSI, SVWZ, COEN, A21K, A21K, O18K, L19K, L19K, KK31, KKAR, KKAR, M19K, N19K, N19K, J20K, J20K, K20K, K20K, O19K, L20K, IMAR, SII, G19K, H21K, H21K, NIL, P19K, RSO, CHUM, OHAK, PPLA, PPLA, I21K, I21K, I21K, CAST, CAST, SPCR, KDAK, KDAK, KDAK, KNRA, SKT, SKT, BPAW, BPAW, KTH, KTH, MLY, MLY.

2015 OCT

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like MLY, COLD, SUA, TRF, TOLK, TOLK, TOLK, CUT, BRSE, H23K, M22K, I23K, NEA2, MCK, MCK, PMR, SEW, SEW, SEW, H24K, TCOL, COLA, COLA, COLA, KNK, SML, POKR, WAT6, DHY, IL31, ILAR, ILAR, ILAR, HDA, HYB, GLI, PRP, BMAR, M24K, J25K, PAX, KLU, FITZ, FITZ, RIDG, HARP, EYAK, ARU, ARU, ARU, SCRK, DOT, J26L, N25K, BMRM, WB0, L26K, WRAB, KAIM, WB2, WRA, WRA, WRA, WRO, WRO, WRO, ABKAR, ABKAR, MCARA, MCARA, EGAK, L27K, BCAR, M27K, CTAO, BVCY, MESA, YAH, YAH, CTG, DAWY, DAWY, YUK3, I29M, POO, J29M, EPYK, PINM, PALK.

26d 12h

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like YUK4, YUK6, INK, INK, INK, HYT, AS31, ASAR, ASAR, ASAR, ASAR, HRA, HRA, M31M, SKAG, FARO, MPMY, SIT, GEYT, P33M, TGTN, CRAG, WRAK, EUNU, DLBC, DLBC, WRGL, ARCES, ARCES, DZM, YATNC, FORT, WSAR, STKA, ARMA, YKA, BB00, BB00, FIA1, FIA1, FINES, FINES, GNI, CLRS, D03D, B05A, UMR, SUMG, MIB, KBD, E04D, F04D, C06D, RDF, AKASG, AKASG, AKASG, AKASG, F05D, J01E, I03D, NC405, G05D, K02D, NB2, NOA, I04A, L02E, I05D, J04D, PINE, L04D, J05D, K04D, M02C, N02D, M04C, I07A, I07A, WDC, WDC, O02D, O03E, BRTR, BRTR, BRTR, KWP, MSO, MPK, EGMT, EGMT, HLID, BOZ, NVAR.

26d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR, NV11, MLAC, SMCC, H17A, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPMM, T25A, BGNE, ANMO, etc.

1126

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

COR	Corvallis	79.95	37	P	P	13 23 09.7 +0.5
COR	comp=Z,190nm,1.5s					
COR	Corvallis	79.95	37	P	I	13 23 09.7 +0.5
COR	comp=Z,190nm,1.4s					13 23 32.6
I04A	Tendick Farm, baz=233,SNR=7.5	79.99	36	P	P	13 23 10.4 +1.0
TPH	Toponah	80.00	45	P	P	13 23 10.5 +0.6
TPH	comp=Z,263nm,1.1s					
TPH	Toponah	80.00	45	P	P	13 23 10.5 +0.6
P19K	Oil Pt	80.03	13	P	I	13 23 09.4 +0.1
P19K	comp=Z,69nm,0.7s					13 23 10.3
P19K	Oil Pt	80.03	13	P	P	13 23 09.2 -0.1
P19K	baz=204					
214A	Organ Pipe Nat	80.05	52	P	P	13 23 10.8 +0.7
214A	Organ Pipe Nat	80.05	52	P	P	13 23 11.7 +1.6
CN2	Changchun	80.08	322	eP	P	13 23 10.8 +0.9
CN2	comp=Z,50nm,1.0s					
HSIG	Modoc Plateau	80.12	55	P	P	13 23 11.4 +0.9
MOD	Modoc Plateau	80.14	40	P	P	13 23 11.2 +0.8
MOD	comp=Z,78nm,0.8s					
KLR	Kul'dur	80.18	329	iP	P	13 23 11.1 +0.8
KLR	comp=Z,15nm,0.9s					
PDMCI	Parker Dam,Lak	80.21	49	P	P	13 23 12.3 +1.5
PDMCI	baz=240,SNR=17					
H04D	Lebanon	80.24	37	P	P	13 23 12.0 +1.3
H04D	baz=233					
K05A	Summer Lake	80.25	39	P	P	13 23 12.5 +1.4
O19K	Port Alsworth	80.31	12	P	P	13 23 10.2 -0.5
O19K	Port Alsworth	80.31	12	P	P	13 23 10.7 +0.1
CNPM	China Foot	80.35	14	P	P	13 23 11.0 0.0
CNPM	comp=Z,57nm,0.8s					13 23 11.7
G03D	McMinnville, O	80.36	36	P	P	13 23 12.5 +1.2
G03D	baz=232					
J05D	Fort Rock, OR	80.38	38	P	P	13 23 13.1 +1.5
J05D	baz=234,SNR=86					
HOM	Homer	80.38	13	P	P	13 23 11.8 +0.7
HOM	comp=Z,53nm,0.9s					
O20K	Slope Mountain	80.55	13	P	P	13 23 12.1 +0.1
O20K	baz=205					
BRLL	Bradley Lake	80.65	14	P	P	13 23 12.3 -0.2
BRLL	comp=Z,85nm,0.8s					13 23 13.5
H04A	Detroit Lake	80.65	37	P	P	13 23 13.1 +0.3
H04A	comp=Z,58nm,0.6s					
BRSE	Bradley Lake S	80.66	14	P	P	13 23 12.6 0.0
BRSE	baz=207,SNR=11					
W13A	Hualapai Mount	80.78	49	P	P	13 23 14.9 +0.9
PINE	Pine Mountain	80.84	38	P	P	13 23 15.0 +0.9
N19K	Bonanza Creek	80.85	12	P	P	13 23 12.8 -0.8
N19K	comp=Z,48nm,0.8s					13 23 14.2
N19K	Bonanza Creek	80.85	12	P	P	13 23 13.0 -0.6
N19K	baz=203,SNR=14					
Y14A	Wickenburg	80.86	50	P	P	13 23 15.4 +1.2
R50	Redoubt South	80.87	13	P	P	13 23 13.2 -0.7
SVW2	Sparrevohn	80.91	11	P	P	13 23 13.3 -0.4
I05D	Terracone, OR	80.93	38	P	P	13 23 15.5 +1.1
F04D	Rainier, OR	81.03	35	P	P	13 23 15.0 +0.3
F04D	baz=232					
HG4B	Hot Springs	81.08	27	P	P	13 23 15.7 +0.8
HG4B	comp=Z,80nm,1.1s					13 23 17.0
PRN	Pahroc Range	81.12	46	P	P	13 23 16.9 +1.3
PRN	comp=Z,82nm,0.9s					13 23 18.4
DIB	Dawson Inlet,	81.19	26	P	P	13 23 15.6 +0.3
DIB	comp=Z,46nm,1.1s					13 23 17.6
R11A	Troy Canyon, C	81.24	45	P	P	13 23 16.6 +0.4
R11A	Troy Canyon, C	81.24	45	P	P	13 23 17.0 +0.7
R11A	baz=239,SNR=33					
BMN	Battle Mountai	81.26	43	P	P	13 23 16.7 +0.4
BMN	comp=Z,91nm,1.0s					
BMN	Battle Mountai	81.26	43	P	P	13 23 16.7 +0.4
BMN	baz=208,SNR=11					
F04A	Amboy	81.27	36	P	P	13 23 16.6 +0.7
F04A	comp=Z,50nm,0.7s					13 23 17.5
MA2	Magadan	81.27	345	eP	P	13 23 15.0 -0.6
MA2	comp=Z,34nm,0.9s, baz=139,slow=5.4,SNR=6.3					
MA2	Magadan	81.27	345	eP	P	13 23 14.8 -0.8
SEW	Seward	81.28	14	P	P	13 23 15.2 -0.4
SEW	comp=Z,50nm,0.8s					13 23 16.5
SEW	Seward	81.28	14	P	P	13 23 15.3 -0.4
SEW	baz=208,SNR=7.6					
NLWA	Neilton Lookou	81.37	34	P	P	13 23 17.5 +1.0
NLWA	comp=Z,78nm,1.1s					13 23 18.9
Q23K	Middletown Isla	81.45	16	P	P	13 23 18.5 +2.0
Q23K	baz=211					
WVOR	Wild Horse Val	81.46	40	P	P	13 23 18.1 +0.9
WVOR	comp=Z,101nm,1.0s					
WVOR	Wild Horse Val	81.46	40	P	P	13 23 18.1 +0.9
WVOR	baz=211					
G05D	Wamic, OR	81.48	37	P	P	13 23 18.1 +1.0
G05D	baz=234,SNR=5.4					
O22K	Cooper Landing	81.55	14	P	P	13 23 16.8 -0.2
O22K	Cooper Landing	81.55	14	P	P	13 23 16.9 -0.1
O22K	baz=208,SNR=10.0					
E04D	Cinebar	81.56	35	P	P	13 23 18.9 +1.5
E04D	baz=233,SNR=7.2					
SPCR	Spurr Chakacha	81.66	12	P	P	13 23 16.8 -0.9
SPCR	baz=205,SNR=10					
GMB	Gambell	81.66	3	P	P	13 23 17.0 -0.5
GMB	baz=186					
SPU	Mount Spurr	81.67	13	P	P	13 23 16.5 -1.2
TUC	Tucson	81.74	52	P	P	13 23 19.7 +0.9
TUC	comp=Z,62nm,1.1s					
TUC	Tucson	81.74	52	P	P	13 23 19.7 +0.9
TUC	baz=221					
TUC	Tucson	81.74	52	P	P	13 23 20.8 +2.0
TUC	comp=Z,62nm,1.1s					
F05D	White Salmon	81.78	36	P	P	13 23 19.6 +1.0
F05D	baz=243					
D04E	Lakebay	81.83	35	P	P	13 23 18.6 -0.1
D04E	baz=232					
I07A	Ize	81.86	39	P	P	13 23 20.2 +1.0
I07A	comp=Z,83nm,0.8s					13 23 21.6
D03D	Eldon	81.87	34	P	P	13 23 20.4 +1.4
D03D	baz=232,SNR=11					
M19K	Big River Lodg	81.88	11	P	P	13 23 18.3 -0.4
M19K	comp=Z,41nm,0.7s					13 23 19.6
M19K	Big River Lodg	81.88	11	P	P	13 23 18.5 -0.2
M19K	baz=203,SNR=14					
TLCB	Telegraph Cove	81.89	30	P	P	13 23 19.4 +0.5
B04A	Port Angeles	81.97	34	P	P	13 23 20.7 +1.2
B04A	comp=Z,103nm,1.4s					13 23 22.0
L19K	White Mountain	82.05	11	P	P	13 23 19.6 0.0
L19K	comp=Z,76nm,1.1s					13 23 21.9
L19K	White Mountain	82.05	11	P	P	13 23 19.9 +0.3
L19K	baz=203,SNR=21					
J08A	Circle Bar Ran	82.07	40	P	P	13 23 20.7 +0.4
J08A	comp=Z,117nm,1.1s					13 23 22.6
RC01	Rabbit Creek A	82.09	14	P	P	13 23 19.4 -0.4
RC01	comp=Z,60nm,1.0s					13 23 20.9
RC01	Rabbit Creek A	82.09	14	P	P	13 23 19.7 -0.1
RC01	baz=207					
LON	Longmire	82.09	35	P	P	13 23 20.5 +0.3
LON	comp=Z,24nm,0.8s					

LON	Longmire	82.09	35	P	P	13 23 20.5 +0.3
LON	comp=Z,24nm,0.8s					
CLRS	Cowichan Lake	82.12	33	P	I	13 23 21.0 +0.8
CLRS	comp=Z,41nm,0.8s					13 23 22.2
LCMT	Little Creek M	82.18	47	P	P	13 23 22.0 +1.0
LCMT	comp=Z,52nm,0.9s					13 23 23.5
SUA	Susitna One	82.20	13	P	I	13 23 20.0 -0.5
SUA	comp=Z,88nm,0.8s					13 23 21.6
SUA	Susitna One	82.20	13	P	P	13 23 20.2 -0.3
SUA	baz=206,SNR=13					
PWL	Port Wells	82.21	14	P	I	13 23 19.9 -0.5
PWL	comp=Z,89nm,0.8s					13 23 21.1
X16A	Lo Mia Camp, P	82.22	50	P	I	13 23 22.6 +1.2
X16A	comp=Z,64nm,1.0s					13 23 24.3
HIN	Hinchinbrook I	82.25	15	P	I	13 23 20.2 -0.5
HIN	comp=Z,34nm,0.7s					13 23 21.1
D05A	Enumclaw	82.26	35	P	P	13 23 22.2 +1.2
CBB	Campbell River	82.27	31	P	I	13 23 21.5 +0.6
CBB	comp=Z,67nm,1.0s					13 23 23.1
CCUT	Cedar City	82.36	47	P	P	13 23 23.0 +1.0
CCUT	comp=Z,45nm,0.9s					13 23 24.8
BBB	Bella Bella	82.38	29	P	P	13 23 22.1 +0.7
BBB	comp=Z,31nm,0.7s, baz=279,slow=4.4,SNR=21					
KAIM	Kayak Island	82.39	16	P	P	13 23 21.6 +0.3
KAIM	comp=Z,107nm,0.9s					13 23 23.0
KAIM	Kayak Island	82.39	16	P	P	13 23 21.7 +0.3
KAIM	baz=212,SNR=7.1					
IPM	Iloilo	82.44	277	P	P	13 23 24.0 +1.3
319A	Douglas	82.46	54	P	I	13 23 24.1 +1.6
319A	comp=Z,93nm,0.9s					13 23 25.8
KNB	Kanab	82.47	47	P	P	13 23 23.6 +1.1
KNB	comp=Z,53nm,0.9s					
KNB	Kanab	82.47	47	P	I	13 23 23.6 +1.1
KNB	comp=Z,53nm,0.9s					13 23 25.2
L20K	Forewell, AK	82.50	11	P	P	13 23 21.7 -0.2
L20K	baz=204,SNR=15					
SKT	Skwentna	82.50	12	P	P	13 23 20.2 -1.7
SKT	Skwentna	82.50	12	P	P	13 23 20.8 -1.1
SKT	baz=206,SNR=7.7					
PSUT	Pine Spring	82.51	46	P	P	13 23 23.3 +0.6
PSUT	comp=Z,44nm,0.8s					13 23 24.9
GLI	Glacier Island	82.52	15	P	P	13 23 21.3 -0.6
GLI	Glacier Island	82.52	15	P	P	13 23 21.6 -0.4
FID	Port Fidalgo	82.56	15	P	I	13 23 21.3 -0.9
FID	comp=Z,87nm,1.3s					13 23 22.8
U15A	North Rim	82.56	48	P	I	13 23 24.6 +1.5
U15A	comp=Z,100nm,0.8s					13 23 26.0
SZCU	Shurtz Canyon	82.57	47	P	I	13 23 24.1 +1.0
SZCU	comp=Z,48nm,1.0s					13 23 25.7
YKAK	Cordova Ski Ar	82.57	16	P	P	13 23 22.0 -0.2
YKAK	comp=Z,211,SNR=7.7					13 23 22.1 -0.2
CRAG	Craig	82.58	24	P	P	13 23 23.2 +0.9
CRAG	comp=Z,39nm,0.9s					13 23 24.6
CRAG	Craig	82.58	24	P	P	13 23 23.1 +0.9
CRAG	baz=223,SNR=5.5					
M22K	Willow	82.60	13	P	P	13 23 22.0 -0.2
M22K	baz=207,SNR=25					
F07A	Phinny Hill Vi	82.65	37	P	P	13 23 23.6 +0.7
F07A	comp=Z,46nm,0.8s					13 23 25.1
KNK	Knik Glacier	82.67	14	P	I	13 23 22.5 -0.2
KNK	comp=Z,68nm,0.8s					13 23 27.3
KNK	Knik Glacier	82.67	14	P	P	13 23 22.7 0.0
KNK	baz=209,SNR=31					
PMR	Palmer	82.67	14	P	P	13 23 22.3 -0.3
PMR	comp=Z,135nm,1.4s					
PMR	Palmer	82.67	14	P	I	13 23 22.3 -0.3
PMR	comp=Z,134nm,1.4s					13 23 23.4
PMR	baz=208,					

26 Dec 13h

Table with columns: Code, Station Name, Az, Alt, SNR, and other parameters. Includes stations like TIH, MDVR, MOA, MORH, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Alt, SNR, and other parameters. Includes stations like SERG, EPI, EDI, etc.

1132

Table with columns: Code, Station Name, Az, Alt, SNR, and other parameters. Includes stations like AS31, MK31, MKAR, etc.

NNC 26 13:18:47.9, 9.36, 78N, 70.08E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=102.8km s-min=55.3km az=153.0

Code Station Name Az Alt SNR Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Alt, SNR, Phase ID, Time Res, h m s, ISC. Includes stations like AML, DHRM, KK31, etc.

NNC 26 13:41:51.7, 8.2, 36, 96N, 70.03E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=75.0km s-min=47.9km az=153.0

Code Station Name Az Alt SNR Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Alt, SNR, Phase ID, Time Res, h m s, ISC. Includes stations like KBL, CHGR, GAR, etc.

26d 14h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like BDFB Brasilia, LC01 Cunco, and WWT Waverly.

2015 OCT

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like WWT Waverly, S54A Dingess, Beckl, and W41B Gary Maivity.

1134

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like KSCO Kaye Shedlock, D62A Allapont, and BGNE Belgrade.

26d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH, AML, DHRM, KK31, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL, CHGR, GAR, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH, AML, DHRM, UCH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, GYET, KURB, etc.

ISC 26 15:53:46.41.9, 12:18N:0:05:88:95W:0.05, h11km, 11km, n51, c070/62, mb4.2/10, Off coast of central America

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COEB, TECA, JCYE, etc.

NNC 26 16:41:29.9:4.0, 36:89N:70:54E, h0km, mb3.6, mpv3.3, 3C-2D, Error ellipse: s-maj=34.1km s-min=28.3km az=148.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31, AAK, TKM2, etc.

BUI 26 16:47:17.7:0.0, 35:79N:70:48E, h193km, mb4.9/4, mb4.5/8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31, AAK, TKM2, etc.

ISC 26 16:47:22.1:0.8, 36:62N:0:08:70:35E:0.08, h204km, n33, c1942/36, mb4.5/6, 3C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHGR, KBL, GAR, etc.

Table with columns: Station, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, etc.

Table with columns: Station, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, Warramunga Arr, AKASA, Malin Array Be, etc.

IDC 26 17:53:10.8:5.5,35:83N:71.14E, h71km,36km,mb3.5/6, mb1.3,8/10,mb1mx3.3/62,mbtmp3.9/10,ML_4.5/3,Error ellipse: s-maj=64.1, s-min=28.2km az=145.0

NVC 26 17:53:19.8:3.9,36:53N:70.96E, h126km,58km,mb3.6, mpv4.4, Error ellipse: s-maj=34.4km s-min=32.1km az=108.0

ISC 26 17:53:12.4:0.8,36:01N:07.71E, h100km, n27, o1598/30, mb3.7/5, 1-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like AAK, Ala-Archa, AAK, Ala-Archa, etc.

IDC 26 17:56:31.4:2.1, 6:81S: 130.48E, h58km, 19km, mb4.2/22, mb1.4, 3/25, mb1mx4.2/47, mbtmp4.6/25, ML_5.1/4, Error ellipse: s-maj=17.6km s-min=11.1km az=87.0

NEIC 17:56:35.3:5.1, 6:84S: 0.09:130.57E: 0.09, h98km, 8km, mb4.6/36, Error ellipse: s-maj=14.1km s-min=11.3km az=127.0

DJA 26 17:56:35.0:2.7, S:2.21E, h81km, 4M, M4.8/49, mB5.2/24, mb4.9/49, MLV5.3/13, Mw(mB)4.6/24

ISC 26 17:56:34.7:0.3, 6:32S: 0.04:130.55E: 0.05, h100km, n164, o1919/169, mb4.7/58, 1D, Banda Sea

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

Table with columns: Station, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMPI, Sarmi, LUWI, Luwuk, etc.

KURBB Kurchatov Arra 4.90 298 ↑Sn Sn 18 25 12.4 -1.8
KURBB 19nm,0.7s
KURBB 45nm,0.5s

NNC 26 18:34:07.7-4.3, 37.70N-71.98E, h0km, mb3.7, mpv3.4, 5C-3D, Error ellipse: s-maj=36.3km s-min=34.6km az=15.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AAK Ala-Archa, AAK 8.8nm,0.7s, KK31 Karatay Array, KK31 1.9nm,0.4s,baz=170,slow=13,SNR=2.4, TKM2 Tokmak 2, TKM2 1.4nm,0.5s, TKM2 4.3nm,0.8s, AB31 Akbulak array, AKTO Aktyubinsk.

NNC 26 18:49:31.6-8.8, 36.94N-70.22E, h0km, mb3.9, mpv3.7, 4C-2D, Error ellipse: s-maj=78.7km s-min=53.4km az=157.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array, AAK Ala-Archa, AAK 1.6nm,0.2s,baz=187,slow=23,SNR=15, TKM2 Tokmak 2, AB31 Akbulak array, AKTO Aktyubinsk.

MOS 26 18:51:01.0-1.0, 42.46N-144.64E, h86km, mb4.5/1, Error ellipse: s-maj=15.4km s-min=7.8km az=76.0, IDC 26 18:51:02.3-3.4, 42.51N-144.55E, h79km, 18km, mb3.5/13, ms1 3.7/15, ms1mx2 3.4/45, mbtmp3 8.1/5, MS3 1/1, Ms1 3.1/1, ms1mx2 6/33, Error ellipse: s-maj=22.1km s-min=14.6km az=81.0

JMA 26 18:51:02.1-0.1, 42.57N-144.58E, h82km, 21km, M3.8 JMA Felt J1, SKHL 26 18:51:03.1-0.1, 42.56N-144.50E, h86km, 3km, mb5.1/7, msh6.0/6, NEIC 26 18:51:03.2-1.7, 42.55N-144.5E, h82km, 8km, mb4.2/10, Error ellipse: s-maj=16.4km s-min=9.0km az=98.0

ISC 26 18:51:02.4-0.8, 42.53N-144.60E, h76km, 6km, mb3.3, r194/102, mb3.8/18, 2C-13D, Hokkaido region

Main table for Kurchatov Arra region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include JAK Akkeshi, JOB Onbets, JOB Kushirohamanak, JCH Churui, JAR Ashorobuto, JNK Nakash, NMR Nemuro-Hokkai, NEM2 Nemuro 2, ERM Erimo, GLVR Golovnino, GLVR 2, GLVR 3, GLVR 4, GLVR 5, GLVR 6, GLVR 7, GLVR 8, GLVR 9, GLVR 10, GLVR 11, GLVR 12, GLVR 13, GLVR 14, GLVR 15, GLVR 16, GLVR 17, GLVR 18, GLVR 19, GLVR 20, GLVR 21, GLVR 22, GLVR 23, GLVR 24, GLVR 25, GLVR 26, GLVR 27, GLVR 28, GLVR 29, GLVR 30, GLVR 31, GLVR 32, GLVR 33, GLVR 34, GLVR 35, GLVR 36, GLVR 37, GLVR 38, GLVR 39, GLVR 40, GLVR 41, GLVR 42, GLVR 43, GLVR 44, GLVR 45, GLVR 46, GLVR 47, GLVR 48, GLVR 49, GLVR 50, GLVR 51, GLVR 52, GLVR 53, GLVR 54, GLVR 55, GLVR 56, GLVR 57, GLVR 58, GLVR 59, GLVR 60, GLVR 61, GLVR 62, GLVR 63, GLVR 64, GLVR 65, GLVR 66, GLVR 67, GLVR 68, GLVR 69, GLVR 70, GLVR 71, GLVR 72, GLVR 73, GLVR 74, GLVR 75, GLVR 76, GLVR 77, GLVR 78, GLVR 79, GLVR 80, GLVR 81, GLVR 82, GLVR 83, GLVR 84, GLVR 85, GLVR 86, GLVR 87, GLVR 88, GLVR 89, GLVR 90, GLVR 91, GLVR 92, GLVR 93, GLVR 94, GLVR 95, GLVR 96, GLVR 97, GLVR 98, GLVR 99, GLVR 100.

Main table for Kurchatov Arra region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include YUK comp=E,26nm,0.1s, YUK comp=Z,614nm,1.8s, YUK comp=E,3um,0.6s, YUK comp=N,4um,1.3s, YUK comp=E,1um,0.1s, YUK comp=N,3um,0.3s, YUK comp=N,20nm,0.2s, YUK comp=N,30nm,0.2s, YUK comp=N,390nm,0.2s, YUK comp=N,3um,0.6s, YUK comp=N,3um,0.6s, JKA Kamakawa-asahi, ASAJ Asahikawa, ASAJ comp=N,19nm,0.3s,baz=164,slow=13,SNR=161, ASAJ comp=N,14nm,0.3s,baz=291,slow=29,SNR=12, JEW Eniwo, JTM Tenmabayashi, KUR Kuril'sk, KUR comp=Z,192nm,0.4s, KUR comp=N,90nm,0.4s, KUR comp=E,195nm,0.4s, KUR comp=E,190nm,0.4s, KUR comp=E,90nm,0.4s, YSS Yuzh-Sakhalin, YSS comp=E,20nm,1.3s, YSS Yuzh-Sakhalin, YSS comp=E,30nm,0.2s, YSS comp=E,10nm,0.5s, YSS comp=E,20nm,0.5s, JMM Marumori, JSD Sado, JYT Yasato, MAJO Matsushiro, MAJO Matsushiro, MJAR Matsushiro Arr, MJAR comp=E,1nm,0.3s,baz=21,slow=14,SNR=8.5, GRTR Gornotajezhnoj, EKMR Ekimchan, EKMR comp=E,3.0nm,0.8s, SONM Songino Array, SONM Songino Array, SONM Songino Array, H1N2 WAKE ISLAND Hy 29.52 133 T, H1N1 WAKE ISLAND Hy 29.52 134 T, H1N3 WAKE ISLAND Hy 29.52 133 T, H1S1 WAKE ISLAND Hy 30.41 135 T, H1S3 WAKE ISLAND Hy 30.41 135 T, H1S2 WAKE ISLAND Hy 30.43 135 T, ZALV Zalesovo Beam, IMAR Imari, ILAR Eielson Array, ILAR comp=E,0.6nm,0.7s,baz=267,slow=5.3,SNR=4.2, KUR Kurchatov, KUR Kurchatov, KUR Kurchatov, KUR comp=Z,2nm,1.2s, KUR Kurchatov, KUR Kurchatov, KUR Kurchatov, KUR comp=Z,0.9nm,0.5s,baz=72,slow=6.8,SNR=7.6, SCRK Sand Creek, SCRK comp=Z,2.8nm,1.2s, BCAR Beaver Creek A, M27K Edge Creek, A, M27K comp=Z,6.7nm,1.4s, HYT Haines Junction, HYT comp=Z,4.3nm,0.9s, BVAR Borovoye Array, KAPI Kappang, ARU Arti, ARU comp=Z,0.4nm,0.5s,baz=121,slow=12,SNR=3.2, ARU Arti, EUNU Eureka, EUNU comp=Z,9.0nm,1.4s, ABKAR Akbulak array, RES Resolute Bay, RES Resolute Bay, ARCES ARCES Array B, WRA Warramunga Arr, FIAI FINESS Array S, FINES FINESS Array B, ASAR Alice Springs, NVAR Milna Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, PDAR Pinedale Array, IDC 26 18:55:03.8-7.2, 36.42N-70.77E, h189km, 63km, mb3.0/3, mb1 3.0/8, mb1mx2 8/41, mbtmp3 3.5/8, MS3.2/2, Ms1 3.2/2, ms1mx2 7/18, Error ellipse: s-maj=59.9km s-min=38.0km az=44.0, NNC 26 18:55:03.2-9.3, 36.97N-70.13E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=83.0km s-min=56.5km az=156.0, ISC 26 18:55:05.0-1.4, 36.6N-70.1705E, h204km, n15, r1943/17, 6C, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array, KK31 0.6nm,0.2s,baz=183,slow=11,SNR=16, AAK Ala-Archa, AAK 5.2nm,0.5s,baz=187,slow=23,SNR=14, AAK Ala-Archa, AAK 0.7nm,0.3s,baz=185,slow=17,SNR=6.7, AAK 1.1nm,0.3s,baz=325,slow=1.7,SNR=21, AAK Ala-Archa, AAK 1.6nm,0.5s

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TKM2 Tokmak 2, MKAR Makanchi Array, AB31 Akbulak array, KURBB Kurchatov Arra, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, BELG Belogoroye, BRTR Keskin Array B, WRA Warramunga Arr, ASAR Alice Springs

IDC 26 19:20:16.7-1.8, 7.22S-120.11E, h571km, 19km, mb2.4/2, mb1 2.9/6, mb1mx2 4/39, mbtmp3 3.6/6, Error ellipse: s-maj=134.6km s-min=17.4km az=56.8, ISC 26 19:20:17.5-1.5, 7.05S-120.6E, h600km, n6, r247/7, Flores Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KAPI Kappang, BATI Baunata, BATI 1.7nm,0.3s,baz=254,slow=7.4,SNR=2.7, BATI 2.5nm,0.3s,baz=109,slow=19,SNR=4.3, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array

IDC 26 19:21:31.4-8.0, 2.67N-127.33E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3 5/38, mbtmp3 3.7/4, MS3.8/2, Ms1 3.8/2, ms1mx2 8/43, Error ellipse: s-maj=128.4km s-min=104.7km az=134.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MSVF Mousu, GNI Garmi

NOU 26 19:34:31.4, 37.34S-176.74E, h253km, ML3.9/7, North Island, New Zealand

WEL 26 19:34:38.1-0.9, 37.35S-177.7E, h194km, 8km, M3.2/44, ML3.2/44, Error ellipse: s-maj=0.0km s-min=0.0km az=40.8, North Island

Main table for Kurchatov Arra region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TGRZ Tauranga, QNRZ Omnia, TOZ Tahurangi Road, URZ Urewera, KUZ Kuatunu, HAZ Te Kaha, RUGZ Raukumara Rang, RUGZ, MUGZ Murupara, ALRZ Allen Road, MKAZ Moumakai, MWZ Matawai, RTZ Ruatahunu, RAGZ Rawiri, PKGZ Pakihora, WIAZ Waiteke Island, TWGZ Tauwharepae, ETAZ East Tamaki Re, MRHZ Matea Rd, MXZ Matakaoa Point, PUKZ Puketapu, MTHZ Maungataniwha, TKGZ Te Karaka, SNGZ Shannon Statio, GRZ Great Barrier, MBAZ Motutapu North, PUAZ Puketapu, WMGZ Waioamataini S, RAHZ Aarahi, RATZ Rangitukia, AWAZ Awahitu Peninsula, RIMHZ Rimuhau, ABAZ Abahau, WTAZ Waiaitara, NMHZ Naumai, CNGZ Carnagh Statio, HIZ Haurangi, CKHZ Cape Kidnapper, BKZ Black Stump Fm, TMVZ Te Maari, KOKZ Kokohu, PRGZ Paritu Road, WTVZ West Tongariro, WNWZ Far West T-bar, TWVZ Tauereua, ARHZ Aropoanui, NGZ Ngauruhoe, TUWZ Tukino, FVWZ Far West T-bar, KWHZ Kaweka Forest, WHVZ Whangaehu Hut, MCHZ McNeill Hill, MHGZ Mahia Peninsula, TRVZ Turoa, WINVZ Waihana, MOVZ Moawhango, PKVZ Pokaka, BHHZ Black Hill Sta, VRZ Vera Road, KRHZ Kererua, CKHZ Cape Kidnapper, WCZ Waipu Caves, KAHZ Kahurangi, PNHZ Pukenui, PXZ Pawanui, WGANVZ Wanganui, TSZ Takapu Road, NEZ North Egmont, PKE Pukeiti, KHEZ Kahui Hut, PRHZ Porangahau, PRHZ Porangahau, POWZ Post Office R, PRWZ Port Road, BFZ Birch Farm, OUZ Omahuta, MRZ Mangatainora

26d 20h

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ODBI, SCTR, MDVR, COVR, etc.

1075 OCT

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ARSA, OBKA, MURB, CONB, etc.

1144

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ZALV, DBIC, DBIC, DZC, etc.

Table with columns: TRF, comp, N, Az, m, 0.7s, IAML, 20 55 19.5, 20 55 20.6

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

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

JMA 26:21:09:27.7.0.1, 36°38'N, 142°18'E, h35km, 1km, M3.5, 2C, Near east coast of eastern Honshu

IDC 26:21:14:05:2.5.5, 36°22'N, 70°47'E, h172km, 50km, mb3.4/7, mb1 3.4/12, mb1mx3.1/57, mbtmp3.9/12, Error ellipse: s-maj=39.9km s-min=25.4km az=27.0

NCC 26:21:14:13.9.1.8, 36°37'N, 70°50'E, h193km, 26km, mb3.1, mpv4.4, Error ellipse: s-maj=17.5km s-min=12.8km az=179.0

ISC 26:21:14:09.4.1.2, 36°55'N, 01°17.05'E, 0.1, h204km, n26, e131/30, mb3.6/6, 3C-3D, Hindu Kush region

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

NCC 26:21:35:28.4.8, 36°30'N, 70°48'E, h0km, mb3.9, mpv3.6, 3C-1D, Error ellipse: s-maj=57.6km s-min=41.2km az=122.0, Hindu Kush region

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

IDC 26:21:40:57.4.1.1.0, 14.71'S, 167°15'E, h170km, 105km, mb3.0/2, mb1 3.3/3, mb1mx3.0/42, mbtmp3.6/3, Error ellipse: s-maj=96.5km s-min=43.3km az=175.0, Vanuatu Islands

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

WEL 26:22:14:00, 44°53'S, 168°87'E, h6km, ML4.3, Mw4.0, Moment Tensor Solution, 87 Moment tensor: Scale 10^14 Nm; Mn-0.93; Mw-2.70; Mw3.63; Mw-0.21; Mw3-8.74;

Mw2.79; Fault plane solution: M-9.69000x10^14 NP1: phi=280.00000; 874.00000; lambda.179.00000; NP2: phi=10.00000; 889.00000; lambda.160.00000; Principal axes: T 102.8200, P1g12.0000, Azm237.0000; N-10.9000, P1g74.0000; Azm13.0000; P-11.9200, P1g-11.0000, Azm144.0000;

IDC 26:22:14:57.0.2.1, 44°68'S, 168°63'E, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/17, mbtmp3.6/3, ML3.5/1, MS3.1/2, MS1 3.2/2, ms1mx2.8/16, Error ellipse: s-maj=57.3km s-min=38.9km az=178.0

WEL 26:22:14:56.3.0.3, 45°52'x16°9'E, h3km, 2km, M4.3/24, ML4.5/25, ML4.3/24, Error ellipse: s-maj=0.0km s-min=0.0km az=106.1

NEIC 26:22:14:57.3.2.6, 44°52'S, 01°02'168°85'E, 01°03, h10km, 2km, Error ellipse: s-maj=4.7km s-min=3.3km az=135.0

ISC 26:22:14:56.9.0.8, 44°55'S, 01°02'168°88'E, 01°03, h7km, 6km, n81, e155/86, mb4.3/5, South Island

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

IDC 26:22:29:46.6.4.3, 36°27'N, 70°53'E, h186km, 40km, mb3.2/5, mb1 3.3/7, mb1mx3.0/36, mbtmp3.8/7, MS3.4/2, Ms1 3.4/2, ms1mx2.7/25, Error ellipse: s-maj=34.7km s-min=25.1km az=4.0

NCC 26:22:29:47.0.19.0, 36°39'N, 70°34'E, h169km, 293km, mb2.9, mpv3.7, Error ellipse: s-maj=173.1km s-min=147.0km az=178.0

ISC 26:22:29:49.4.1.3, 36°18'N, 01°17.05'E, 0.1, h204km, n19, e131/30, mb3.4/4, 4C-2D, Hindu Kush region

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

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

IDC 26:22:46:29.5.1.3, 17°63'S, 178°79W, h560km, 15km, mb3.0/11, mb1 3.3/14, mb1mx3.1/51, mbtmp4.0/14, Error ellipse: s-maj=24.4km s-min=14.2km az=151.0

NEIC 26:22:46:29.1.1.4, 17.75'S, 01°178°79W, 01°2, h564km, 9km, mb4.0/24, Error ellipse: s-maj=25.7km s-min=16.1km az=135.0

ISC 26:22:46:28.6.0.5, 17.75'S, 01°178°79W, 01°1, h547km, n44, e1909/43, mb3.8/20, Fiji Islands region

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

JMA 26:22:51:53.4.0.2, 23°95'N, 122°73'E, h10km, 4km, M2.5, TAP 26:22:51:54.6.24.04N, 122°85'E, h36km, 1km, ML2.5, D ISC 26:22:51:54.3.1.1, 23.99N, 10.04E, 122.77E, 0.02, h22km, 6km, n32, e96/62, Taiwan region

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

27d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nioudou, Datong Townshi, Shuangxi, Ishigaki jima, Hehuan Shan, Wulai, Wu-fen Shan, Fushou, Yeheng, Renai, Sangyuan, Renai, Manicaragua, MASC, Greenwisch, Malvern, Sores.

NNC 26 22:55:40.7-6.0, 37.02N-70.80E, h0km, mb3.7, mpv3.3, 2C-3D, Error ellipse: s-maj=60.5km s-min=43.7km az=134.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Ala-Archa, Tokmak 2.

IDC 26 23:01:39.5-447.0, 41.88N-114.69W, h0km, Error ellipse: s-maj=165.1km s-min=114.8km az=173.0, Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEWPORT INFRAS, PINON FLAT INF, LAC DU BONNET.

IDC 26 23:05:10.3-5.6, 15.56S-173.49W, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.5/23, mbtmp3.5/3, ML3.3/1, Error ellipse: s-maj=304.4km s-min=22.4km az=144.0, Tonga Islands

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

IDC 26 23:21:09.7-895.0, 63.04N-153.15W, h0km, Error ellipse: s-maj=415.7km s-min=65.5km az=51.0, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAIRBANKS INFR, NEWPORT INFRAS2, LAC DU BONNET.

NNC 26 23:24:14.3-5.4, 36.89N-70.72E, h0km, mb4.0, mpv3.7, 2C-2D, Error ellipse: s-maj=62.0km s-min=46.0km az=123.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Almayashu, Karatay Array, Erkin-Say, Ala-Archa, Tokmak 2, Karagaybulak, Tokmak 2, Tokmak 2, Hyderabad.

2015 OCT

NNC 26 23:24:52.2-4.0, 37.00N-70.65E, h0km, mb4.1, mpv3.7, 3C-3D, Error ellipse: s-maj=41.3km s-min=28.8km az=132.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Ala-Archa, Tokmak 2.

SSNC 26 23:28:50.3-1.7, 21.35N-77.59W, h2km, MD3.7, ML3.4, MW3.4

JSN 26 23:28:48.9-1.5, 21.34N-0.07-77.57W, h0km, h15km, g9km, n12, c15/20, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCCC, LMGCC, RCC, MGCV, MOAC, GTMO, CVJ, STH, MASC, GWJ, MCJ, MJ, SOR.

BUI 26 23:35:18.4-0.0, 36.31N-70.36E, h211km, mb4.7/3, mb4.6/6

IDC 26 23:35:19.4-1.4, 36.26N-70.52E, h185km, mb3.8km, mb3.2/5, mb1 3.3/6, mb1mx2.9/46, mbtmp3.8/6, Error ellipse: s-maj=34.3km s-min=24.8km az=177.0

NNC 26 23:35:19.6-7.7, 37.00N-70.06E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=66.9km s-min=39.3km az=151.0

NEIC 26 23:35:20.9-1.5, 36.52N-0.06-70.02E, h209km, g6km, mb4.1/4, Error ellipse: s-maj=10.0km s-min=8.7km az=77.0

ISC 26 23:35:20.6-0.6, 36.49N-0.05-70.52E, h204km, n47, c152/53, mb3.6/7, 6C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kabul, Chuyangaron, Garm, Niore, Tashkent, Kashi, Dharamshala, Karatay Array, Erkin-Say, Ala-Archa, Karagaybulak, Chumysh, Oshpovka, Tokmak 2, Simla, Taragay, Kundal, Makanchi, Alibek, Makanchi, Makanchi Array, Bhopal, Akbulak array, Akbulak array, Kurchatov, Borovoye, Zalesovo Array, Zalesovo Beam, Zalesovo Beam, Hyderabad.

1146

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lanzhou, HHC, HHC, FINES, ARCES, NOA, MSSA, WRA.

IDC 26 23:44:37.5-823.0, 63.00N-153.11W, h0km, Error ellipse: s-maj=877.2km s-min=74.4km az=52.0, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAIRBANKS INFR, NEWPORT INFRAS, LAC DU BONNET.

IDC 27 00:01:34.1-6.5, 36.28N-70.32E, h182km, mb3.2/4, mb1 3.2/9, mb1mx2.9/58, mbtmp3.7/9, MS4.1/1, Ms1.4/1/1, ms1mx2.6/29, Error ellipse: s-maj=52.3km s-min=38.6km az=17.0

NEIC 27 00:01:37.5-1.2, 36.54N-0.07-70.29E, h210km, 5km, mb4.0/9, Error ellipse: s-maj=11.1km s-min=7.6km az=206.0

NNC 27 00:01:46.3-4.5, 37.61N-70.34E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=34.9km s-min=27.7km az=13.0

ISC 27 00:01:35.9-0.6, 36.41N-0.06-70.39E, h204km, n54, c149/55, mb3.7/6, 7C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kabul, Chuyangaron, Garm, Niore, Tashkent, Almayashu, Dharamshala, Karatay Array, Erkin-Say, Ala-Archa, Karagaybulak, Chumysh, Oshpovka, Tokmak 2, Simla, Taragay, Kundal, Makanchi, Alibek, Makanchi, Makanchi Array, Bhopal, Akbulak array, Akbulak array, Kurchatov, Borovoye, Zalesovo Array, Zalesovo Beam, Zalesovo Beam, Hyderabad.

27d 1h

Table with columns: GADA, Gvkgeada, 1.71, 43, P, Pn, 01 26 21.2 -0.4, 01 26 43.0 -0.5, ...

2015 OCT

Table with columns: TSKL, Tzoukalades, L, 2.90, 269, P, Pb, 01 26 40.4 -3.2, ...

1150

Table with columns: PUNG, Punghina, 5.43, 349, JJP, Pn, 01 27 12.8 0.0, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMBO, MRSB, BODT, TURN, BDRM, etc.

IDC 27 02:13:17.6:8.9,36.78N,70.37E,h201km,57km,mb3.3/4, m=1.3/2.10,mb1mx3.0/52,mbtmp3.8/10, Error ellipse: s-maj=83.4km s-min=35.6km az=177.0

NEIC 27 02:13:18.3:5.1,37.03N,70.61E,h6km,mb3.9,mpv3.5, Error ellipse: s-maj=41.3km s-min=38.6km az=130.0

ISC 27 02:13:17.6:2.3,36.8N,02.70E,0.1,h200km,n13, 0.081/17,mb3.6/4,2C-3D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, AAK, AAK, AAK, etc.

NEIC 27 02:21:47.0:0.8,37.12N,0.04:97.61W,0.05,h7km,6km, Error ellipse: s-maj=6.6km s-min=5.0km az=201.0

ANF 27 02:21:48.1:0.3,37.12N:97.60W,h7km,ML3.9/18, Error ellipse: s-maj=3.6km s-min=2.5km az=49.0

ISC 27 02:21:47.3:1.7,37.11N:0.03:97.63W:0.04,h2km,15km, n75,0.051/63,Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T35A, T35B, T35B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMOK, U38A, U38A, etc.

IDC 27 02:31:33.4:3.9,24.12S:179.77W,h496km,47km,mb3.4/4, mb1.3/4.5,mb1mx3.1/39,mbtmp4.3/5, Error ellipse: s-maj=69.1km s-min=26.2km az=1.0

NEIC 27 02:31:35.2:1.8,24.2S:0.2:179.81W:0.09,h515km,13km, mb4.0/14, Error ellipse: s-maj=23.3km s-min=11.3km

ISC 27 02:31:33.8:0.8,24.1S:0.1:179.82W:0.10,h500km,n31, 0.091/32,mb3.8/10,South of Fiji Islands

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

IDC 27 02:31:33.8:0.8,24.1S:0.1:179.82W:0.10,h500km,n31, 0.091/32,mb3.8/10,South of Fiji Islands

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

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

MAN 27 02:32:40.4:6.11N:125.59E,h66km,mb5.6,ML4.6,MS4.9, IDC 27 02:32:41.7:0.8,6.17N:125.41E,h63km,7km,mb4.2/24, mb1.4/3.27,mb1mx4.2/4,mbtmp4.5/27,MS3.4/17, Ms1.3/17,ms1mx3.2/56, Error ellipse: s-maj=18.2km s-min=8.3km az=78.0

DJA 27 02:32:42.5:0.3,6.1N:3.12E,h58km,3km,MS.2/26, mb5.7/7,mb5.0/26,MLV5.28,MW(m)B5.3/7, NEIC 27 02:32:42.4:1.1,6.13N:0.05:125.39E:0.09,h66km,7km, mb4.5/31, Error ellipse: s-maj=13.0km s-min=6.7km az=97.0

ISC 27 02:32:41.9:0.5,6.18N:0.03:125.47E:0.05,h66km,5km, n117,0.1971/133,mb4.5/51,SC-comp,2D,Mindanao

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

Table with columns: WRA, comp, LR, LR, 02 51 49.0, etc. Includes stations like Warramunga Arr, Alice Springs, Kingsford Smith, etc.

Table with columns: MNNK, comp, iLRM, MFLR, 03 27 30.7, etc. Includes stations like Kingsford Smith, Kingsford Smith, Kingsford Smith, etc.

Table with columns: G005, Huala, 4.16 178, Pn, 02 40 00.1 +1.0, etc. Includes stations like Kingsford Smith, Kingsford Smith, Kingsford Smith, etc.

27d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like P43A Skaggs, Pawnee, P43A Skaggs, Pawnee, JCT Skaggs City, etc.

IDC 27 03:09:13.8, 7.0, 36.51N, 70.71E, h197km, 59km, mb3.3/6, mb1 3.3/9, mb1mx3.0/55, mbtmp3.9/9, MS4.2/1, Ms1 4.2/1, ms1mx2.6/38, Error ellipse: s-maj=58.9km s-min=24.5km az=32.0

NIC 27 03:09:17.1, 7.9, 37.07N, 70.51E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=61.4km s-min=53.2km az=172.0

ISC 27 03:08:14.4, 1.7, 46.50N, 170.65E, 0.1, h200km, n15, s=1540/17, mb3.7/5, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, AAK Ala-Archa, etc.

IDC 27 03:25:05.4, 7.4, 36.30N, 70.53E, h176km, 62km, mb3.5/6, mb1 3.4/11, mb1mx3.1/59, mbtmp3.9/11, Error ellipse: s-maj=57.9km s-min=22.7km az=34.0

ISC 27 03:25:08.6, 1.5, 36.5N, 0.1, 70.7E, 0.2, h204km, n12, s=1890/13, mb3.8/5, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, MKAR Makanchi Array, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, WRA Warramunga Arr, etc.

IDC 27 03:32:22.2, 2.5, 22.00S, 178.04W, h375km, 23km, mb3.4/9, mb1 3.7/12, mb1mx3.4/34, mbtmp4.2/12, Error ellipse: s-maj=29.6km s-min=15.0km az=141.0

ISC 27 03:32:21.8, 0.7, 22.03S, 0.06, 178.0W, 0.1, h373km, n30, s=1524/10, mb3.9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsava, GLKZ Green Lake, DZM Mont Dzumac, MKXZ Mataoka Point, etc.

TAP 27 03:35:36.7, 24.15N, 121.65E, h6km, ML1.7, 1C, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETL Fush Village, ETL Fush Village, NACB Ninganchiao, etc.

1156

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HWA baz=191, HWA baz=191, EHP Heping Village, etc.

JMA 27 03:36:04.8, 0.1, 24.37N, 123.60E, h9km, 1km, M0.6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IRIF Iriomote-Funau, IRIF Iriomote-Funau, JKRS Kuro-shima, etc.

NEIC 27 03:44:21.6, 1.5, 37.16N, 0.05, 141.31E, 0.02, h78km, 7km, mb4.1/8, Error ellipse: s-maj=6.7km s-min=2.6km az=172.0

IDC 27 03:44:22.8, 1.9, 37.18N, 141.09E, h90km, 17km, mb3.5/13, mb1 3.8/17, mb1mx3.6/60, mbtmp3.9/17, Error ellipse: s-maj=19.4km s-min=14.4km az=90.0

NIED 27 03:44:22.1, 37.21N, 141.20E, h84km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mw=1.22; Mw0.51; Mw0.71; Mw=0.12; Mw=0.43; Mw=0.05; Fault plane solution: M1: 140.00000°, N1: 10.44.00000°, s46.00000°, s83.00000°. NP2: 213.00000°, s44.00000°, s97.00000°.

JMA 27 03:44:22.1, 0.1, 37.21N, 141.20E, h84km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: s50.00000°, s41.00000°, s75.00000°. NP2: 210.00000°, s51.00000°, s103.00000°. Principal axes: T P1g5.00000°, Azm309.00000°; N P1g10.00000°, Azm218.00000°; P P1g79.00000°, Azm65.00000°.

JMA 27 03:44:22.1, 0.3, 37.20N, 0.04, 141.18E, 0.06, h87km, 5km, n67, s=1572/82, mb3.8/17, 7C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFK Kawauchi, ONAJ lwakimizuishiy, ONAJ lwakimizuishiy, etc.

Table with columns: KRER, Koryakskii, 0.93 290 eP, Pn, 04 51 20.9 +0.8, etc. Lists various stations and their coordinates.

Table with columns: KIV, Lajitas Array, 70.61 67 P, Pmax, 05 02 15.3 +1.0, etc. Lists stations like TX32, TXAR, CLL, BURAR, etc.

Table with columns: mb4.4/9, Error ellipse: s-maj=20.4km s-min=5.0km, Code, Station Name, etc. Lists stations like RAO, RAOUL, MXZ, etc.

s-min=0.0km az=33.1
NEIC 27 10:20:20.4, 1.6, 36.933S, 0:10:17.74E, 0.2, h173km, 7km,
mb4.2/7, Error ellipse: s-maj=20.8km s-min=9.5km
az=54.0

ISC 27 10:20:18.8, 0.9, 36.825S, 0:07:17.776E, 0.08, h197km, 5km,
n171, 1554/166, mb4.1/8, Off east coast of North Island

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

Table with columns: MQZ, RACZ, HMCZ, etc. Lists seismic events with details like location, magnitude, and time.

NEIC 27 10:58:4.8, 1.6, 66.50N, 1:06:66E, 0.1, h10km, 1km,
mb4.7/37, Mwcs5.4(GCMT), Error ellipse: s-maj=21.5km

s-min=20.9km az=182.0
IDC 27 11:05:04.7, 0.6, 15.55S, 68.07E, h0km, mb4.3/31,
m1 4.4/31, m1mx4.2/74, mbtmp4.3/31, MS4.4/37,
Ms1 4.4/37, ms1mx4.3/35, Error ellipse: s-maj=22.6km

s-min=12.8km az=44.0
GCMT 27 11:05:06.4, 0.1, 16.14S, 0:01:67.10E, 0.01, h12km,
MW5.4/142, Moment Tensor Solution. s98, c150,
s142, c258; Duration: 152 Moment tensor: Scale 10^17

Nm; Mw=0.22; 0.2; Mw=1.29; 0.2; Mw=1.51; 0.2;
Mw=0.17; 0.5; Mw=0.56; 0.2; Mw=0.09; 0.5; Best double
couple: M1.5210000*10^17 NP1.146.00000*, 882.00000*,
-1.177.00000*. NP2.056.00000*, 888.00000*, -1.8.00000*.

Principal axes: T 1.6260, Plg4.0000*, Azm101.0000*; N
-0.2110, Plg82.0000*, Azm218.0000*; P -1.4170,
Plg7.0000*, Azm11.0000*.

cutoff=0.8, n2 surface waves, cutoff=50s.
Triangular moment-rate function.

NEIC 27 11:05:07.16, 1.4S, 67.09E, h12km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mw=0.20;
Mw=1.35; Mw=1.55; Mw=0.21; Mw=0.60; Mw=0.22; Fault
plane solution: M1.610000*10^17 NP1.146.00000*,
879.00000*, 180.00000*. NP2.0236.00000*, 890.00000*,
11.00000*. Principal axes: T 1.7040, Plg8.0000*,
Azm102.0000*; N -0.2144, Plg79.0000*, Azm237.0000*;
P -1.4896, Plg7.0000*, Azm11.0000*.

ISC 27 11:04:58.9, 0.5, 16.365S, 0:09:66.52E, 0.08, h10km, n132,
s227/106, mb4.6/4, MS4.5/47, Mid-Indian Ridge

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

Table with columns: MMAL, AAK, AAK, etc. Lists seismic events with details like location, magnitude, and time.

27d 13h

Table with columns: Station Name, Frequency, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like MNK, MLR, M27K, etc.

2015 OCT

Table with columns: Station Name, Frequency, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like KOWA, WRA, etc.

1170

Table with columns: Station Name, Frequency, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like M27K, N25K, etc.

GVD	Gavdhos	1.11 177	P	Pb	13 15 00.8 -0.1
GVD	Sb		S	AML	13 15 14.6 -0.6
GVD	comp=E.66865µm,0.4s		AML	AML	13 15 18.1
GVD	comp=N.58109µm,0.4s		AML	AML	13 15 18.1
GVD	Gavdhos	1.11 177	PG	Pb	13 15 01.1 +0.1
GVD	Sb		SG	Pn	13 15 15.5 +0.3
VLI	Veliai	1.16 312	P	Pg	13 15 02.4 +0.2
VLI	Veliai	1.16 312	P	Pg	13 15 02.5 +0.2
VLI	comp=N.18686µm,0.6s		AML	AML	13 15 17.8
VLI	comp=E.13000µm,0.2s		AML	AML	13 15 18.6
CMBO	Columbo, Santo	1.24 65	P	Pg	13 15 04.2 +0.3
CMBO	comp=N.62195µm,0.6s		AML	AML	13 15 26.8
CMBO	comp=E.62625µm,0.5s		AML	AML	13 15 28.9
SANT	Santorini	1.25 70	P	Pg	13 15 04.0 0.0
SANT	comp=N.10580µm,0.4s		AML	AML	13 15 27.2
SANT	comp=E.24902µm,0.2s		AML	AML	13 15 27.6
SANT	Santorini	1.25 70	PN	Pg	13 15 06.6 +2.6
SANT	Santorini	1.25 70	PN	Pb	13 15 03.8 +0.6
SANT	Santorini		PN	Sg	13 15 21.0 +0.7
NPS	Neapolis	1.48 117	P	Pg	13 15 06.2 +0.2
NPS	comp=N.17353µm,0.4s		AML	AML	13 15 33.1
NPS	comp=N.17353µm,0.4s		AML	AML	13 15 35.7
KRND	KRANIDI	1.59 334	P	Pb	13 15 09.2 +0.2
KRND	comp=N.9617µm,0.8s		AML	AML	13 15 36.4
KRND	comp=N.11675µm,0.3s		AML	AML	13 15 42.6
APE	Apeiranthos	1.66 47	UP	Pn	13 15 26.4 -3.2
EPID	Epidavros	1.81 337	P	Pb	13 15 12.4 -0.4
VLY	Volia, Athens	1.91 355	P	Pb	13 15 13.4 -1.0
VLY	comp=N.4087µm,0.4s		AML	AML	13 15 49.7
VLY	comp=E.5850µm,0.3s		AML	AML	13 15 51.6
ZKR	Zakros	1.99 114	P	Pn	13 15 14.0 +1.0
ZKR	comp=N.4742µm,0.5s		AML	AML	13 15 49.2
ZKR	comp=E.8929µm,0.8s		AML	AML	13 15 49.2
ATHU	Athens Univers	2.02 355	P	Pn	13 15 14.8 +1.3
ATH	Athens Observa	2.03 353	P	Pn	13 15 15.2 +1.5
ATH	comp=N.3276µm,0.6s		AML	AML	13 15 50.5
ATH	comp=N.3276µm,0.6s		AML	AML	13 15 50.8
PYL	PYLOS	2.06 298	P	Pb	13 15 16.1 -0.9
PYL	comp=N.2745µm,0.9s		AML	AML	13 16 00.7
PYL	comp=N.2745µm,0.9s		AML	AML	13 16 01.1
ITM	Ithomi	2.08 307	P	Pb	13 15 17.4 0.0
ITM	comp=E.2336µm,0.5s		AML	AML	13 15 51.1
ITM	comp=N.2159µm,0.6s		AML	AML	13 16 05.7
ITM	comp=E.2765µm,0.6s		AML	AML	13 16 05.7
ITM	Ithomi	2.08 307	PN	Pb	13 15 17.9 +0.5
ITM	Ithomi	2.08 307	PN	Pb	13 15 17.5 +0.1
PTL	Penteli	2.10 357	P	Pn	13 16 03.9 +1.7
PTL	comp=E.3371µm,0.4s		AML	AML	13 15 49.7
PTL	comp=E.3371µm,0.4s		AML	AML	13 15 56.6
KARY	Karystos	2.10 9	P	Pb	13 15 16.9 -1.0
DION	Dionisios Attik	2.12 358	P	Pn	13 15 16.7 +1.8
DION	comp=E.6116µm,0.4s		AML	AML	13 15 48.0
DION	comp=N.5199µm,0.6s		AML	AML	13 15 49.8
LTK	Loutrak	2.23 338	P	Pb	13 15 18.7 -1.3
LTK	comp=E.4845µm,0.7s		AML	AML	13 15 51.1
LTK	comp=E.4845µm,0.7s		AML	AML	13 16 02.0
VIL2	Platees	2.33 346	P	Pn	13 15 18.5 +0.7
VIL2	comp=N.4330µm,0.7s		AML	AML	13 15 54.2
VIL2	comp=E.5144µm,0.6s		AML	AML	13 16 03.5
THAL	Thalero	2.34 333	P	Pb	13 15 20.3 -1.6
THAL	comp=E.13355µm,0.4s		AML	AML	13 15 55.3
THAL	comp=N.12882µm,0.6s		AML	AML	13 15 55.7
KOSK	Kos Island	2.53 71	PN	Pb	13 15 24.7 -0.3
KARP	Karpathos	2.60 98	PN	Pn	13 15 21.8 +0.4
KARP	comp=E.4533µm,0.5s		AML	AML	13 15 54.6
KARP	comp=N.4567µm,0.5s		AML	AML	13 15 59.6
KARP	Karpathos	2.60 98	PN	Pn	13 15 21.9 +0.4
NIS1	Nisyros Isl	2.64 75	PN	Pn	13 15 24.5 +0.4
KYMI	Kymi, Euboea I	2.68 2	P	Pb	13 15 24.5 +2.0
DRO	Drossia	2.72 318	P	Pb	13 15 26.6 -1.6
DRO	comp=N.3174µm,0.5s		AML	AML	13 16 03.0
DRO	comp=E.3972µm,0.5s		AML	AML	13 16 13.6
LAKA	Lakka	2.80 325	P	Pn	13 15 26.7 +2.4
LAKA	comp=N.5743µm,0.7s		AML	AML	13 16 01.9
LAKA	comp=N.2375µm,0.7s		AML	AML	13 16 07.8
LKR	Lokris	2.81 344	P	Pn	13 15 26.6 +2.2
LKR	comp=N.3514µm,0.6s		AML	AML	13 16 05.7
LKR	comp=E.3360µm,0.5s		AML	AML	13 16 07.2
TRIZ	Trizonia	2.86 328	P	Pn	13 15 27.1 +2.1
SRMG	Samos	2.87 51	P	Pn	13 15 26.2 +1.0
SERG	Sergoula	2.91 328	P	Pn	13 15 27.8 +2.0
SERG	comp=N.2568µm,0.7s		AML	AML	13 16 05.4
SERG	comp=E.2153µm,0.8s		AML	AML	13 16 07.4
RLS	Riolos of Patr	2.92 317	P	Pb	13 15 29.5 -2.3
RLS	comp=N.2741µm,0.9s		AML	AML	13 16 12.8
RLS	comp=E.1576µm,0.5s		AML	AML	13 16 13.4
DAT	Dalca	2.98 74	PN	Pb	13 15 31.3 -1.6
EFP	Elpalio	2.99 326	P	Pn	13 15 29.1 +2.4
EFP	comp=N.2599µm,0.4s		AML	AML	13 16 06.6
EFP	comp=N.2599µm,0.4s		AML	AML	13 16 12.3
ANX	Ano Chora	3.12 328	P	Pn	13 15 31.0 +2.3
ANX	comp=E.4167µm,0.6s		AML	AML	13 16 18.8
ANX	comp=N.5543µm,0.9s		AML	AML	13 16 19.1
GCAM	G'zelcaml?	3.12 55	PN	Pb	13 15 34.1 -1.1
MLSB	Milas	3.31 65	PN	Pb	13 15 36.2 -2.3
ARG	Arkhangelos	3.35 84	P	Pn	13 15 34.1 +2.3
ARG	comp=N.2214µm,0.6s		AML	AML	13 16 13.0
ARG	comp=E.2643µm,0.8s		AML	AML	13 16 15.0
MAKR	Makrakomi, Fth	3.40 335	P	Pn	13 15 35.3 +2.8
MAKR	comp=N.4688µm,0.8s		AML	AML	13 16 17.7
MAKR	comp=N.2914µm,0.9s		AML	AML	13 16 26.8
NEO	Neokhori	3.41 350	P	Pn	13 15 34.6 +2.0
ELCB	Balcova	3.43 44	PN	Pb	13 15 38.2 -2.2
EVR	Evyrtania	3.44 330	P	Pn	13 15 36.2 +3.1
EVR	comp=E.1764µm,0.9s		AML	AML	13 16 25.9
EVR	comp=N.2214µm,0.8s		AML	AML	13 16 27.9
MRSB	Marmaris-Mugla	3.47 76	PN	Pb	13 15 38.4 -2.7
VLS	Yalsama	3.52 310	P	Pn	13 15 36.3 +2.1
YER	Yerkesik	3.64 70	PN	Pb	13 15 40.6 -3.4
DALY	Dalyan (Mula)	3.85 76	PN	Pb	13 15 43.5 -4.0
SLUM	Salum	4.56 167	P	Pn	13 15 48.9 +0.0
SLUM	comp=N.174		AML	AML	13 15 48.9 +0.0

SLUM			S	Sn	13 16 28.7 -12
SLUM	comp=N.174		AML	AML	13 16 28.7 -12
BALB	Balikesir	4.79 39	Pn	Pn	13 15 54.4 +2.8
ELL	Elmali	4.83 79	P	Pn	13 15 54.7 +2.5
MLL	Elmali	4.83 79	P	Pn	13 15 54.7 +2.5
SOH	Sokhos	4.89 354	P	Pn	13 15 57.7 +4.7
SOH	comp=N.42nm,0.8s		pmx	pmx	13 15 57.7 +4.7
SRS	Serrai	5.17 357	P	Pn	13 16 00.4 +3.6
SRS	comp=N.95nm,0.9s		pmx	pmx	13 16 00.4 +3.6
ALN	Alexandroupoli	5.19 17	P	Pn	13 15 58.5 +1.4
ALN	Alexandroupoli	5.19 17	P	Pn	13 15 58.5 +1.4
FNA	Florida	5.25 338	P	Pn	13 16 00.0 +2.1
FNA	Florida	5.25 338	P	Pn	13 16 00.0 +2.1
KBN	Korca	5.31 332	P	Pn	13 16 01.9 +3.1
KBN	Korca	5.31 332	P	Pn	13 16 01.9 +3.1
VAY	Valando	5.48 349	iP	Pn	13 16 04.2 +3.2
VAY	Valando	5.48 349	iP	Pn	13 16 04.2 +3.2
OHR	Ohrid	5.73 355	eP	Pn	13 16 08.6 +4.0
VLO	Vlora	5.74 323	P	Pn	13 16 07.2 +2.6
VLO	Vlora	5.74 323	P	Pn	13 16 07.2 +2.6
STIP	Stip	5.91 347	iP	Pn	13 16 10.1 +3.2
TIR	Tirane	6.29 330	iP	Pn	13 16 14.0 +1.8
TIR	Tirane	6.29 330	iP	Pn	13 16 14.0 +1.8
TIR	Tirane	6.29 330	iP	Pn	13 16 14.6 +2.5
TIR	Tirane	6.29 330	iP	Pn	13 16 14.6 +2.5
SKO	Skopje	6.34 342	iP	Pn	13 16 15.0 +2.2
TIP	Timpangrande	6.60 301	iP	Pn	13 16 19.0 +1.4
TIP	Timpangrande	6.60 301	iP	Pn	13 16 19.0 +1.4
VTS	Vitosh	6.69 355	iP	Pn	13 16 21.6 +3.9
VTS	Vitosh	6.69 355	iP	Pn	13 16 21.6 +3.9
VTS	Vitosh	6.69 355	iP	Pn	13 16 20.8 +2.8
VTS	Vitosh	6.69 355	iP	Pn	13 16 20.8 +2.8
SWA2	comp=N.174		AMP	AMP	13 16 18.8 -0.4
SWA2	comp=N.174		AMP	AMP	13 16 18.8 -0.4
ULC	Ulcinj	7.06 330	iP	Pn	13 17 23.5 +0.8
ULC	Ulcinj	7.06 330	iP	Pn	13 17 23.5 +0.8
DRME	Dracevica, Mon	7.27 330	iP	Pn	13 17 26.5 +0.9
DRME	Dracevica, Mon	7.27 330	iP	Pn	13 17 26.5 +0.9
DRME	Dracevica, Mon	7.27 330	iP	Pn	13 17 44.2 -3.6
PVY	Plav	7.34 311	iP	Pn	13 16 27.8 +1.1
PVY	Plav	7.34 311	iP	Pn	13 16 27.8 +1.1
MATE	Matera	7.41 336	iP	Pn	13 17 46.7 -3.1
PDG	Podgorica	7.45 332	iP	Pn	13 16 29.1 +1.0
PDG	Podgorica	7.45 332	iP	Pn	13 16 29.1 +1.0
PDG	Podgorica	7.45 332	iP	Pn	13 16 29.8 +1.7
PDG	Podgorica	7.45 332	iP	Pn	13 16 29.8 +1.7
TTG	Podgorica	7.45 332	iP	Pn	13 16 28.6 +0.6
TTG	Podgorica	7.45 332	iP	Pn	13 16 29.0 +1.0
TTG	Podgorica	7.45 332	iP	Pn	13 17 48.6 -3.6
BUM	Brajici-Budva	7.48 329	iP	Pn	13 17 49.2 -4.0
BUM	Brajici-Budva	7.48 329	iP	Pn	13 17 49.2 -4.0
IVA	Berane	7.61 337	iP	Pn	13 16 31.5 +1.1
IVA	Berane	7.61 337	iP	Pn	13 17 53.1 -3.2
CSS	Mathiasi	7.67 95	Pn	Pn	13 16 31.4 +0.2
CSS	Cevo	7.68 331	iP	Pn	13 16 32.0 +0.7
CEME	Cem	7.77 328	eP	Pn	13 17 54.0 -4.0
KOME	Kolasin	7.72 335	iP	Pn	13 16 32.9 +1.1
KOME	Kolasin	7.72 335	iP	Pn	13 17 55.5 -3.5
HCY	Herceg Novi	7.77 328	eP	Pn	13 16 32.2 +0.3
HCY	Herceg Novi	7.77 328	eP	Pn	13 16 32.2 +0.3
HCY	Herceg Novi	7.77 328	eP	Pn	13 16 41.4 +2.2
NKME	Niksic	7.85 332	iP	Pn	13 16 34.5 +0.9
NKME	Niksic	7.85 332	iP	Pn	13 17 58.3 -3.9</

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like San Pablo, Belgomoye, Midelt, Hagsfors, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BHPL, GEYT, DOK, DOK, etc.

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like BCAN Borcka, ITAN ITANAGAR, NEY Neytrino, etc.

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array Si, AKASG Malin Array S, etc.

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like WHN Wuhan, WHN Timpagrande, WHN Timpagrande, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ARCES, KEST, KTK1, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like GRNR, KAC, KAL, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like SYO, SNO, SNA, etc.

CAST	Castle Rocks	14.52	32	Pn	Pn	13 22 52.0	+2.2
CAST	Castle Rocks	14.52	32	P	P	13 22 56.7	+0.7
CAST	Castle Rocks	14.52	32	P	P	13 22 52.3	+2.5
GHO	Glory Hole Cre	14.69	41	Pn	Pn	13 22 51.2	-0.9
KNK	Knik Glacier	14.70	43	P	Pn	13 22 50.0	-2.1
KNK	Knik Glacier	14.70	43	P	Pn	13 22 51.6	-0.5
CHUM	Lake Minchumin	14.77	31	P	P	13 22 59.7	+0.9
SHL	Sawmill	14.95	42	P	P	13 22 54.3	-1.2
SML	Sawmill	14.95	42	P	P	13 22 57.0	+1.5
KTH	Kantishna Hill	15.00	33	Pn	Pn	13 22 57.8	+1.5
KTH	comp=Z,51nm,1.4s			Iamb	Iamb	13 23 00.7	
HIN	Hinchinbrook I	15.11	48	Pn	Pn	13 22 56.4	-1.2
HIN	comp=Z,66nm,1.0s			Iamb	Iamb	13 23 00.7	
TRF	Thorofore Moun	15.15	34	Pn	Pn	13 22 59.2	+0.9
TRF	Thorofore Moun	15.15	34	P	P	13 23 01.2	-1.9
FID	Port Fidalgo	15.26	47	Pn	Pn	13 22 56.3	-3.2
FID	comp=Z,55nm,1.3s			Iamb	Iamb	13 23 12.9	
BPWA	Bear Paw Mtn.	15.35	32	P	P	13 23 03.9	-1.3
BPWA	comp=Z,29nm,0.7s			Iamb	Iamb	13 23 12.1	
BPWA	Bear Paw Mtn.	15.35	32	P	P	13 23 03.7	-1.5
SCM	Sheep Creek Mo	15.38	42	Pn	Pn	13 22 58.6	-2.5
SCM	comp=Z,35nm,0.5s			Iamb	Iamb	13 23 01.3	
SCM	Sheep Creek Mo	15.38	42	P	Pn	13 22 59.6	-1.5
EYAK	Cordova Ski Ar	15.51	48	P	Pn	13 23 01.4	-1.4
WAT6	Susitna Watana	15.59	40	P	Pn	13 23 03.5	-0.5
MCK	McKinley	15.80	35	Pn	Pn	13 23 07.7	+1.1
MCK	McKinley	15.80	35	Pn	Pn	13 23 07.9	+1.3
I21K	Tanana	15.81	28	Pn	Pn	13 23 07.1	+0.4
I21K	Tanana	15.81	28	Pn	Pn	13 23 07.5	+0.8
KLU	Klutina	15.81	45	Pn	Pn	13 23 04.5	-2.4
KLU	comp=Z,46nm,0.4s			Iamb	Iamb	13 23 06.3	
KLU	Klutina	15.81	45	P	Pn	13 23 04.2	-2.6
BWN	Browne	15.90	33	Pn	Pn	13 23 08.7	+0.9
H21K	Melozitna Rive	15.94	26	Pn	Pn	13 23 07.6	-0.8
H21K	Melozitna Rive	15.94	26	P	P	13 23 11.4	-0.3
IMAR	Indian Mountai	15.95	24	P	P	13 23 12.0	+0.2
M24K	Tolsona, Glenn	15.98	42	Pn	Iamb	13 23 08.0	-1.0
M24K	comp=Z,36nm,0.6s			Iamb	Iamb	13 23 15.3	
M24K	Tolsona, Glenn	15.98	42	P	Pn	13 23 07.9	-1.1
DHY	Denali Highway	16.00	38	P	Pn	13 23 10.1	+0.8
MLY	Manley	16.07	29	P	P	13 23 12.7	-0.5
MLY	comp=Z,23nm,0.6s			Iamb	Iamb	13 23 15.4	
MLY	Manley	16.07	29	P	P	13 23 12.1	-1.1
HMT	Hamilton	16.12	50	Pn	Pn	13 23 10.2	-0.6
HMT	comp=Z,40nm,0.8s			Iamb	Iamb	13 23 24.0	
BMRM	Bremner River	16.19	47	Pn	Pn	13 23 09.5	-2.1
BMRM	comp=Z,35nm,1.0s			Iamb	Iamb	13 23 38.5	
BMRM	Bremner River	16.19	47	P	Pn	13 23 09.3	-2.3
NEA2	Nenana	16.30	32	P	Pn	13 23 13.0	0.0
NEA2	Nenana	16.30	32	P	Pn	13 23 11.9	-1.1
BERG	Berg Lake	16.41	50	P	Pn	13 23 14.0	-0.3
BERG	comp=Z,38nm,0.9s			Iamb	Iamb	13 23 29.6	
N25K	Chitina, Valde	16.44	45	P	Pn	13 23 12.8	-2.1
N25K	Chitina, Valde	16.44	45	P	Pn	13 23 13.7	-1.1
HARP	HAARP	16.54	42	P	Pn	13 23 15.4	-0.7
WRH	Wood River Hill	16.55	34	P	Pn	13 23 15.4	-0.7
I23K	Minto, Yukon-K	16.57	31	Pn	Pn	13 23 17.5	+1.1
I23K	Minto, Yukon-K	16.57	31	Pn	Pn	13 23 17.5	+1.1
PAX	Paxson	16.69	40	Pn	Pn	13 23 17.5	-0.5
PAX	Paxson	16.69	40	P	Pn	13 23 17.1	-0.9
GLB	Gilahina Butte	16.72	46	Pn	Pn	13 23 17.1	-1.3
SNH	Sunshine Point	16.75	51	P	Iamb	13 23 20.0	-0.7
SNH	comp=Z,85nm,1.0s			Iamb	Iamb	13 23 24.9	
CCB	Clear Creek Bu	16.76	33	Pn	Pn	13 23 18.4	-0.4
CRQM	Crirque	16.79	49	P	Iamb	13 23 18.6	-0.7
CRQM	comp=Z,21nm,0.6s			Iamb	Iamb	13 23 19.7	
VRDI	Verde Repeater	16.80	47	P	Pn	13 23 17.7	-1.8
CRQE	Crirque	16.81	49	P	Pn	13 23 18.6	-0.9
MDM	Murphy Dome	16.81	32	P	Pn	13 23 19.3	-0.2
WAX	Waxell Ridge	16.82	50	P	Iamb	13 23 19.0	-0.7
WAX	comp=Z,48nm,0.9s			Iamb	Iamb	13 23 33.6	
TCOL	CIGO, UAF Yank	16.88	33	P	Pn	13 23 19.4	-0.8
TCOL	CIGO, UAF Yank	16.88	33	P	Pn	13 23 19.7	-0.5
COLA	College	16.88	33	P	Pn	13 23 20.2	-0.1
COLA	College	16.88	33	P	Pn	13 23 19.7	-0.5
HDA	Harding Lake	16.91	35	Pn	Pn	13 23 20.4	-0.3
HDA	Harding Lake	16.91	35	Pn	Pn	13 23 20.3	-0.4
TGL	Tana Glacier	16.93	49	P	P	13 23 20.3	-0.7
H23K	Yukon River	16.98	29	P	P	13 23 23.9	+0.6
H23K	Yukon River	16.98	29	P	P	13 23 23.4	+0.1
MCARA	McCarthy VSAT	17.05	47	Pn	Pn	13 23 21.7	-0.8
MCARA	comp=Z,38nm,1.0s			Iamb	Iamb	13 23 31.7	
MCARA	McCarthy VSAT	17.05	47	P	Pn	13 23 22.2	-0.3
ISLE	Juniper Island	17.11	50	Pn	Pn	13 23 22.7	-0.7
ISLE	comp=Z,40nm,0.8s			Iamb	Iamb	13 23 30.8	
IL31	Eielson Array	17.15	34	P	Pn	13 23 22.2	-1.4
ILAR	Eielson Array	17.15	34	P	Pn	13 23 22.8	-0.8
ILAR	comp=Z,1.1nm,0.3s,baz=231,slow=11,SNR=58			Iamb	Iamb	13 23 22.8	-0.8
ILAR	Eielson Array	17.15	34	Pn	Pn	13 23 22.5	-1.1
POKR	Poker Plat Res	17.17	32	Pn	Pn	13 23 23.6	-0.3
MESA	MESA	17.18	51	P	Iamb	13 23 26.3	+0.7
MESA	comp=Z,40nm,0.8s			Iamb	Iamb	13 23 55.9	
RIDG	Independent Ri	17.32	38	Pn	Pn	13 23 26.2	+0.4
RIDG	Independent Ri	17.32	38	P	Pn	13 23 26.4	+0.6
YAH	Yahrtse	17.32	51	Pn	Pn	13 23 25.7	-0.4
YAH	comp=Z,33nm,0.8s			Iamb	Iamb	13 23 53.1	
MENT	Menstata	17.38	42	Pn	Pn	13 23 25.8	-0.7
GRNC	Granite Creek	17.43	50	P	Iamb	13 23 26.7	-0.6
GRNC	comp=Z,25nm,0.7s			Iamb	Iamb	13 23 43.6	
H24K	Noodor Dome	17.50	30	Pn	Pn	13 23 28.0	0.0
H24K	Noodor Dome	17.50	30	Pn	Pn	13 23 27.4	-0.6
BARN	Barnard Glacie	17.57	49	Pn	Pn	13 23 27.9	-1.2
BARN	comp=Z,20nm,0.6s			Iamb	Iamb	13 23 39.4	
L26K	Log Cabin Wild	17.57	42	P	Pn	13 23 28.8	-0.1
L26K	Log Cabin Wild	17.57	42	P	Pn	13 23 29.3	+0.4
DOT	Dot Lake	17.57	39	Pn	Pn	13 23 27.1	-1.8
J25K	Salcha River	17.59	36	P	Pn	13 23 27.8	-1.4
TABL	Table Mountain	17.63	51	Pn	Pn	13 23 29.8	-0.1
TABL	comp=Z,34nm,1.0s			Iamb	Iamb	13 23 37.7	
CTG	Chitna Glacier	17.69	49	P	Pn	13 23 29.9	-0.6
CTGM	Chitina Glacie	17.69	49	Pn	Pn	13 23 29.8	-0.7

CTGM	comp=Z,22nm,0.7s			Iamb	Iamb	13 23 42.3	
SCRK	Sand Creek	17.77	38	Pn	Pn	13 23 30.6	-0.8
SCRK	Sand Creek	17.77	38	P	Pn	13 23 32.1	-0.2
LOGN	Logan Glacier	17.80	50	P	Pn	13 23 32.0	0.0
COLD	Coldfoot	17.82	25	P	P	13 23 33.5	+1.1
COLD	Coldfoot	17.82	25	P	P	13 23 32.6	+0.1
M27K	Edge Creek, AK	17.92	45	P	Pn	13 23 32.4	-0.9
M27K	comp=Z,37nm,1.1s			Iamb	Iamb	13 23 55.5	
M27K	Edge Creek, AK	17.92	45	P	Pn	13 23 32.6	-0.7
PCA	Pinnacle	17.98	52	P	P	13 23 33.8	-0.1
PCA	comp=Z,36nm,0.6s			Iamb	Iamb	13 23 41.4	
PINM	Pinnacle	17.98	52	P	P	13 23 35.4	+1.1
PRP	Porcupine Dome	18.05	33	P	Pn	13 23 32.9	-2.1
PRP	Porcupine Dome	18.05	33	P	Pn	13 23 33.8	-1.2
J26L	Joseph Creek	18.19	37	P	Pn	13 23 35.8	-0.8
L27K	Beaver Creek	18.21	43	P	Pn	13 23 36.4	-0.4
L27K	Beaver Creek	18.21	43	P	Pn	13 23 36.4	-0.4
BCAR	Beaver Creek A	18.23	43	P	Pn	13 23 36.5	-0.5
BCFM	Bancas Point	18.25	53	P	Iamb	13 23 38.3	-0.3
BCFM	comp=Z,29nm,1.0s			Iamb	Iamb	13 23 48.2	
PNL	Peninsula	18.31	54	P	Pn	13 23 38.6	+0.5
VUCY	Moose Creek	18.34	47	P	P	13 23 37.9	-0.6
YOK3	Beaver Creek	18.38	45	P	P	13 23 38.4	-0.3
K27K	Chickukuk	18.53	40	P	P	13 23 39.9	-0.5
FYU	Fort Yukon	18.79	31	P	P	13 23 42.5	-0.6
TOLK	Toolik Lake Re	19.05	22	Pn	Pn	13 23 46.9	0.0
TOLK	Toolik Lake Re	19.05	22	Pn	Pn	13 23 47.2	+0.3
TOLK	comp=Z,8.4nm,0.8s			Iamb	Iamb	13 24 02.6	
TOLK	Toolik Lake Re	19.05	22	P	Pn	13 23 46.6	-0.3
YUK4	Talbot Arm	19.05	49	P	Pn	13 23 48.8	+1.7
YUK6	Outpost Mounta	19.08	50	P	Pn	13 23 48.3	+0.7
EGAK	Eagle	19.23	38	P	Iamb	13 23 47.6	-0.3
EGAK	comp=Z,13nm,0.5s			Iamb	Iamb	13 23 58.7	
EGAK	comp=Z,242			Iamb	Iamb	13 23 47.9	0.0
PET	Petrovovsk	19.31	285	pmax	pmax		
PET	Petrovovsk	19.31	285	P	Iamb	13 23 48.4	-0.5
PET	comp=Z,31nm,1.1s			Iamb	Iamb	13 24 02.4	
PET	Petrovovsk	19.31	285	eP	P	13 23 48.5	-9.5
HYT	Haines Junctio	19.47	51	P	Pn	13 23 53.4	+1.3
BMAR	Burnt Mountain	19.53	29	P	P	13 23 51.0	-0.3
DAWY	Dawson	19.62	41	P	P	13 23 52.0	-0.2
DAWY	Dawson	19.62	41	P	P	13 23 52.3	0.0
PETK	Petrovovsk	19.68	286	P	P	13 23 54.5	-0.5
PETK	comp=Z,4.7nm,0.3s,baz=89,slow=12,SNR=90			LR	LR	13 31 00.3	
PETK	comp=Z,102nm,22.0s,baz=103,slow=35			LR	LR	13 31 00.3	
PETK	Petrovovsk	19.86	286	P	P	13 23 54.3	+0.1
PETK	Petrovovsk	19.86	286	P	Pn	13 23 54.6	+0.1
SKAG	Skagway	20.33	56	P	Iamb	13 24 02.5	+0.4
SKAG	comp=Z,26nm,0.7s			Iamb	Iamb	13 24 16.4	
SKAG	Skagway	20.33	56	P	Pn	13 24 02.0	-0.1
N31M	Braeburn, Yuko	20.42	50	P	Pn	13 24 03.1	-0.7
WHY	Whitehorse	20.70	52	Pn	Iamb	13 24 06.7	+0.1
WHY	Whitehorse	20.70	52	Pn	Iamb	13 24 16.3	
WHY	comp=Z,33nm,0.8s			Iamb	Iamb	13 24 06.3	-0.4
JIS	Juneau Island	20.74	59	P	Iamb	13 24 05.8	+1.4
JIS	comp=Z,1.7nm,0.8s			Iamb	Iamb	13 24 22.0	
M31M	Drury Creek, Y	21.22	48	P	P	13 24 11.0	+1.5
CRAG	Craig	21.54	67	P	Iamb	13 24 13.9	+0.9
CRAG	comp=Z,46nm,1.4s			Iamb	Iamb	13 24 28.4	
P33M	Teslin, Yukon	21.67	54	P	P	13 24 15.7	+1.3
FARO	Faro, Yukon	21.70	48	P	P	13 24 16.5	+1.8
MMPY	Sheldon Lake						

27d 13h

Table of astronomical observations for 27d 13h, listing station names, coordinates, and observation details.

2015 OCT

Main table of astronomical observations for 2015 OCT, listing station names, coordinates, and observation details.

1176

Table of astronomical observations for 1176, listing station names, coordinates, and observation details.

DC 27 13:27:40.7±0.8, 7.015 S, 125°56'E, h542km, 9km, mb3.5/16, mb1 3.8/22, mb1mx3.4/62, mbmtmp4.5/22, Error ellipse: s-maj=13.5km s-min=9.2km az=67.9

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res, h, n, s, ISC, showing observation results.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SENK, DDFL, DIGR, DAGI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like QASAR, IML, QUBA, etc.

TUL 27 16:21:35.8:0.7,36.34N:0.01:96.81W:0.02,h3km,7km,
ML2.8,mb_Lg2.5/23(NEIC), Error ellipse: s-maj=2.6km
s-min=1.7km az=67.0

NEIC 27 16:21:35.8:0.6,36.34N:0.01:96.82W:0.02,h9km,7km,
Error ellipse: s-maj=2.6km s-min=1.9km az=93.0,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like T35A, TUL1, OKCFA, etc.

IDC 27 16:21:54.8:2.2,34.84S:73.04W,h0km,mb4.2/2,
mb1 4.0/4,mb1mx3.8/27,mbtmp3.9/4,ML3.9/2,MS3.3/3,
Ms1 3.3/3,ms1mx3.1/21, Error ellipse: s-maj=81.4km
s-min=32.5km az=89.0

NEIC 27 16:21:56.4:1.5,34.80S:72.85W:0.03,h10km,6km,
mb4.4/4, Error ellipse: s-maj=6.9km s-min=2.6km
az=162.0

GUC 27 16:21:57.0:2.4,34.80S:72.79W,h22km,6km,ML4.0
ISC 27 16:21:56.3:1.9,34.79S:72.86W:0.07,h10km,11km,
n55,of80/52,mb4.2/3,4C-1D,Near coast of central
Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GO05, BO01, ML02, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LPAZ, AQDB, VNA3, etc.

IDC 27 16:23:55.8:2.7,9.18S:113.20E,h0km,mb3.4/5,
mb1 3.6/6,mb1mx3.4/27,mbtmp3.4/6,ML3.1/1, Error
ellipse: s-maj=156.5km s-min=19.8km az=48.0

DJA 27 16:23:59.1:1.5,10.5S:15.1113E,h10km,M3.4/9,
MLV3.4/9

ISC 27 16:24:00.0:1.0,9.75S:0.1:112.89E:0.07,h36km,n15,
MLV3.4/9, mb3.3/5, South of Suva

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GMJI, PAGO, etc.

IDC 27 16:26:38.8:7.6,0.90S:133.65E,h0km,mb3.5/2,
mb1 3.5/4,mb1mx3.3/29,mbtmp3.4/4,ML3.0/2, Error
ellipse: s-maj=138.5km s-min=32.6km az=33.0, Irian
Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SIJI, WRA, etc.

IDC 27 16:43:45.0:1.3,1.161S:119.87E,h0km,mb3.7/4,
mb1 4.0/8,mb1mx3.7/32,mbtmp3.9/8,ML3.9/4, Error
ellipse: s-maj=38.3km s-min=22.8km az=65.0

DJA 27 16:43:49.8:1.6,1.1S:3.3E,h25km,17km,M4.4/11,
mb4.3/8,mb5.3/4,MLV4.3/11,Mw(mB)4.7/4

ISC 27 16:43:49.2:0.8,1.1645S:107.120E:0.07,h35km,n23,
f282/23,mb3.8/4, South of Sumba

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WSI, PLAI, etc.

IDC 27 16:49:55.6:12.0,9.69N:92.99E,h0km,mb3.3/3,
mb1 3.4/3,mb1mx3.2/44,mbtmp3.3/3, Error ellipse:
s-maj=576.8km s-min=33.5km az=59.0, Nicobar Islands
region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKAR, ZALV, etc.

NEIC 27 17:13:42.4:2.1,24.0S:0.1:179.6W:0.2,h483km,10km,
mb4.5/32, Error ellipse: s-maj=22.1km s-min=16.0km
az=90.0

IDC 27 17:13:43.4:2.2,23.99S:179.78W,h495km,21km,mb3.5/6,
mb1 3.6/6,mb1mx3.3/31,mbtmp4.3/6, Error ellipse:
s-maj=32.0km s-min=23.8km az=143.0

ISC 27 17:13:44.0:0.9,23.98S:0.03:179.7W:0.1,h512km,n46,
f1314/7,mb4.5/20, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MSVF, PINNC, etc.

Table with columns: URZ, Urewera, 14.49 190, P, P, 17 16 47.8 -1.2, 0.7nm, 0.3s, baz=143, slow=22, SNR=2.0

ICD 27 17:36:31.0t.1.5, 101.525x165.75E, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.6/39, mbmtpr3.9/4, ML4.1/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/1.41, Error ellipse: s-maj=54.9km s-min=33.7km az=117.0

NEIC 27 17:36:39.5t.2.5, 101.84S:0109:165.78E:0.1, h73km, 9km, mb4.4/8, Error ellipse: s-maj=17.9km s-min=5.7km az=47.0

ISC 27 17:36:41.8t.0.8, 1101S:0108:165.7E:0.1, h100km, n29, a170/23, mb4.2/8, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SANVU Saraoutou, 4.64 162, Pn, Pn, 17 37 48.8 -0.8

ICD 27 17:46:44.6t.8.2, 31.38S:179.79W, h398km, 99km, mb2.9/4, mb1.3/0.4, mb1mx2.9/42, mbmtpr3.7/4, Error ellipse: s-maj=105.9km s-min=44.3km az=179.0

ISC 27 17:46:43.9t.1.0, 31.28S:179.81W:0.1, h400km, n78, a2501/91, mb3.1/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, GLKZ Green Lake, 2.50 33, Op, ISC, 17 47 43.4 +0.1

ICD 27 17:55:45.3t.2.3, 36N:70.43E, h172km, 20km, mb3.7/17, mb1.3/0.2/3, mb1mx3.6/35, mbmtpr4.2/23, MS3.1/2, Ms1.3/1.2, ms1mx1.4/5.5, Error ellipse: s-maj=17.1km s-min=12.5km az=6.0

BUI 27 17:55:47.4t.0.0, 36:67N:70:42E, h191km, mb4.8/6, mb4.3/10

MOS 27 17:55:47.1t.0.8, 36:52N:70:39E, h202km, mb4.3/6, Error ellipse: s-maj=11.6km s-min=5.4km az=88.0

NEIC 27 17:55:48.1t.2.4, 36:52N:0:02:70.34E:0.07, h200km, 6km, mb4.3/21, Error ellipse: s-maj=8.7km s-min=2.4km az=84.0

NNC 27 17:55:51.5t.4.0, 37:22N:70:43E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=32.1km s-min=24.1km az=170.0

ISC 27 17:55:51.0t.4.0, 36:50N:70:47E:0.04, h204km, n130, a1597/144, mb4.2/4, 4C-8D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KBL Kabul, 2.28 211, Pn, Pn, 17 56 29.1 -1.1

Table with columns: UCH, Uchter, 6.52 27, P, Pn, 17 57 22.2 -0.4, KK31 Karatay Array, 6.59 0, Pn, Pn, 17 57 22.3 -0.8

ICD 27 17:55:45.3t.2.3, 36N:70.43E, h172km, 20km, mb3.7/17, mb1.3/0.2/3, mb1mx3.6/35, mbmtpr4.2/23, MS3.1/2, Ms1.3/1.2, ms1mx1.4/5.5, Error ellipse: s-maj=17.1km s-min=12.5km az=6.0

BUI 27 17:55:47.4t.0.0, 36:67N:70:42E, h191km, mb4.8/6, mb4.3/10

MOS 27 17:55:47.1t.0.8, 36:52N:70:39E, h202km, mb4.3/6, Error ellipse: s-maj=11.6km s-min=5.4km az=88.0

NEIC 27 17:55:48.1t.2.4, 36:52N:0:02:70.34E:0.07, h200km, 6km, mb4.3/21, Error ellipse: s-maj=8.7km s-min=2.4km az=84.0

NNC 27 17:55:51.5t.4.0, 37:22N:70:43E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=32.1km s-min=24.1km az=170.0

ISC 27 17:55:51.0t.4.0, 36:50N:70:47E:0.04, h204km, n130, a1597/144, mb4.2/4, 4C-8D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, LSA Lhasa, 18.59 105, P, Pmax, 17 59 52.5 +1.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, RAMN Ramite, SUA Susitna, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GQSA South Pole Qui, GQSA South Pole Qui, PPT2 Papeete, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FVM French Village, JCT Junction City, S444 Carbondale, etc.

IDC 27 20:49:36.87.4.54.466S.137.07W, h0km, mb4.1/4, mb1 4.2/4, mb1mx3.9/31, mbtmp4.1/4, MS3.7/11, Ms1 3.7/11, ms1mx3.6/20, Error ellipse: s-maj=208.9km s-min=35.7km az=53.0

TUL 27 20:51:28.1.1.0.36.28N.0.01:97.52W.0.02, h8km, 6km, ML2.8, mb, Lq2.735(NEIC), Error ellipse: s-maj=1.8km s-min=1.6km az=60.0

NNC 27 20:59:20.2:13.0, 39.04N.74.85E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=104.0km s-min=81.5km az=138.0

NEIC 27 20:49:38.3.0.8.54.666S.0.09:136.9W.0.3, h10km, 1km, mb4.0/9, Error ellipse: s-maj=33.3km s-min=14.4km az=85.0

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VAIG Yautepac, PPM Popocatepetl, AMVM AMECAMECA, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GNAR Gosnell, X18A Snowflake, MGMO Mountain Grove, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

IDC 27 22:42:52.5:3.9, 14°29'N, 90°42'W, h0km, mb3.8/3, mb1.3/9.5, mb1mx3.6/38, mbtmp3.6/5, ML3.7/2, Error ellipse: s-maj=175.3km s-min=30.6km az=30.0 SNET 27 22:43:06.7:1.0, 14°69'N, 90°9'W, h15km, ML3.3/3.3 ISC 27 22:42:52.5:3.9, 14°7'N, 02°9'W, h1.0km, n12, o076/14, mb3.6/3, Guatemala

27d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ORV Oroville, ORV Oroville, ORV Oroville, etc.

2015 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

1190

Table with columns for station name, frequency, power, and signal strength. Includes stations like PMR Palmer, PMR Palmer, PMR Palmer, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAVA, RETA, FETA, MOTA, NKC, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CONA, MOA, SOKA, KBA, WATA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like mb3.2/4, mb1 3.3/5, mb1mx3.1/43, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MKAR, KBZ, BR131, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 28 01:46:00.8, 2.9, 6.373, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NNC 28 02:10:06.3, 6.0, 36.96N, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 28 01:48:46.2, 1.2, 3.61'S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 28 02:32:41.2, 0.6, 7.25, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TAP 28 03:00:31.9, 24.56N, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YUK, AKK, JAK, JNSB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEA, MA2, SEY, YAK, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LANS, MLR, DPC, MORC, etc.

JMA 28 03:34:57.9, 1.2, 0.34, 21N, 140.53E, h55km, 4km, M3.5

DC 28 03:34:59.1, 2.0, 3.4, 15N, 140.45E, h71km, 17km, mb3.3/6, mb1.3/6.7, mb1mx3.3/4.7, mbtmp3.6/7, Error ellipse: s-maj=35.0km s-min=6.1km az=78.0

ISC 28 03:34:57.9, 1.0, 3.4, 19N, 140.04, 140.54E, 0.06, h59km, 9km, n19, σ_{65}26, mb3.6/6, 4C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BSO1, BSO2, BSO3, etc.

DC 28 03:41:43.5, 6.0, 36.01N, 70.46E, h153km, 54km, mb3.1/4, mb1.3/2.8, mb1mx3.0/4.9, mbtmp3.6/8, Error ellipse: s-maj=45.7km s-min=30.0km az=19.0

NCC 28 03:41:51.8, 4.3, 36.94N, 70.48E, h0km, mb4.5, mvp4.1, Error ellipse: s-maj=34.8km s-min=32.4km az=41.0

ISC 28 03:41:50.9, 3.0, 36.7N, 70.2, 70.5E, 0.2, h20km, n20, f_{127}13, mb3.2/4.2, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AML, UCH, KK31, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AAK, KBK, CHMS, etc.

DC 28 04:08:09.1, 4.1, 27.26N, 111.43W, h0km, mb3.7/1, mb1.3/6.6, mb1mx3.5/4.8, mbtmp3.2/6, ML3.4/5, MS3.4/12, Ms1.3/4.12, ms1mx3.2/3.8, Error ellipse: s-maj=54.1km s-min=17.9km az=14.0

MEX 28 04:08:13.1, 0.7, 27.43N, 111.38W, h30km, 33km, MD4.0

ISC 28 04:08:11.9, 1.8, 27.44N, 111.40W, 0.09, h10km, n17, f_{199}10, MS3.5/7, Gulf of California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUYB, GRUV, HSIG, etc.

DC 28 04:12:01.9, 0.8, 30.41S, 71.42W, h0km, mb4.1/7, mb1.4.3/10, mb1mx4.1/7.7, mbtmp4.1/10, ML4.0/3, MS3.3/4, Ms1.3/2.0, ms1mx3.0/2.4, Error ellipse: s-maj=28.4km s-min=23.0km az=87.0

SJA 28 04:12:03.4, 0.9, 30.22S, 71.73W, h15km, 3km, ML4.4, MM4.2

NEIC 28 04:12:06.9, 1.3, 30.29S, 71.64W, h0km, h36km, 6km, mb4.1/9, ML4.7(GUC), Error ellipse: s-maj=10.5km s-min=5.0km az=83.0

VAO 28 04:12:07.6, 0.5, 30.28S, 71.48W, h37km, mb4.3, GUC 28 04:12:08.0, 0.7, 30.32S, 71.51W, h39km, 1km, ML4.7

ISC 28 04:12:07.4, 0.6, 30.27S, 71.69W, 0.04, h39km, 2km, n147, σ_{207}176, mb4.2/7.3C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CO06, CO07, CO08, etc.

DC 28 04:12:07.6, 0.5, 30.28S, 71.48W, h37km, mb4.3, GUC 28 04:12:08.0, 0.7, 30.32S, 71.51W, h39km, 1km, ML4.7

ISC 28 04:12:07.4, 0.6, 30.27S, 71.69W, 0.04, h39km, 2km, n147, σ_{207}176, mb4.2/7.3C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LCO, AROD, AC04, etc.

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

DC 28 04:12:01.9, 0.8, 30.41S, 71.42W, h0km, mb4.1/7, mb1.4.3/10, mb1mx4.1/7.7, mbtmp4.1/10, ML4.0/3, MS3.3/4, Ms1.3/2.0, ms1mx3.0/2.4, Error ellipse: s-maj=28.4km s-min=23.0km az=87.0

SJA 28 04:12:03.4, 0.9, 30.22S, 71.73W, h15km, 3km, ML4.4, MM4.2

NEIC 28 04:12:06.9, 1.3, 30.29S, 71.64W, h0km, h36km, 6km, mb4.1/9, ML4.7(GUC), Error ellipse: s-maj=10.5km s-min=5.0km az=83.0

VAO 28 04:12:07.6, 0.5, 30.28S, 71.48W, h37km, mb4.3, GUC 28 04:12:08.0, 0.7, 30.32S, 71.51W, h39km, 1km, ML4.7

ISC 28 04:12:07.4, 0.6, 30.27S, 71.69W, 0.04, h39km, 2km, n147, σ_{207}176, mb4.2/7.3C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MT05, MT05, MT05, etc.

DC 28 04:12:01.9, 0.8, 30.41S, 71.42W, h0km, mb4.1/7, mb1.4.3/10, mb1mx4.1/7.7, mbtmp4.1/10, ML4.0/3, MS3.3/4, Ms1.3/2.0, ms1mx3.0/2.4, Error ellipse: s-maj=28.4km s-min=23.0km az=87.0

SJA 28 04:12:03.4, 0.9, 30.22S, 71.73W, h15km, 3km, ML4.4, MM4.2

NEIC 28 04:12:06.9, 1.3, 30.29S, 71.64W, h0km, h36km, 6km, mb4.1/9, ML4.7(GUC), Error ellipse: s-maj=10.5km s-min=5.0km az=83.0

VAO 28 04:12:07.6, 0.5, 30.28S, 71.48W, h37km, mb4.3, GUC 28 04:12:08.0, 0.7, 30.32S, 71.51W, h39km, 1km, ML4.7

ISC 28 04:12:07.4, 0.6, 30.27S, 71.69W, 0.04, h39km, 2km, n147, σ_{207}176, mb4.2/7.3C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ACHE, APPL, BO02, etc.

DC 28 04:12:01.9, 0.8, 30.41S, 71.42W, h0km, mb4.1/7, mb1.4.3/10, mb1mx4.1/7.7, mbtmp4.1/10, ML4.0/3, MS3.3/4, Ms1.3/2.0, ms1mx3.0/2.4, Error ellipse: s-maj=28.4km s-min=23.0km az=87.0

SJA 28 04:12:03.4, 0.9, 30.22S, 71.73W, h15km, 3km, ML4.4, MM4.2

NEIC 28 04:12:06.9, 1.3, 30.29S, 71.64W, h0km, h36km, 6km, mb4.1/9, ML4.7(GUC), Error ellipse: s-maj=10.5km s-min=5.0km az=83.0

VAO 28 04:12:07.6, 0.5, 30.28S, 71.48W, h37km, mb4.3, GUC 28 04:12:08.0, 0.7, 30.32S, 71.51W, h39km, 1km, ML4.7

ISC 28 04:12:07.4, 0.6, 30.27S, 71.69W, 0.04, h39km, 2km, n147, σ_{207}176, mb4.2/7.3C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AQDB, PTGB, PP1B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DIAM Diamantina, MG, PEX1 Peixe, MACA Manacapuru-AM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AR0D Rodeo, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARAG Araguaiana, MT, USHA Ushuaia, CLDB Colider, etc.

VIE 28 04:17:09.8:0.6,51.48N:16.18E, hOkm, mb2.4/4, ml2.7/4, Error ellipse: s-maj=5.7km s-min=3.1km az=56.0 72 km NW of Wroclaw Suspected Mining induced.

IPCC 28 04:17:09.1:0.4,51.52N:16.19E, hOkm,2km, ML2.3/3, Error ellipse: s-maj=2.6km s-min=1.6km az=15.0 PRU 28 04:17:10.2:0.0,31.48N:16.09E, hOkm

ISC 28 04:17:11.0:1.3,51.39N:16.10E:0.03,hOkm,n24, e06747, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT02 Curacav, ZON Zonda, etc.

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

NEIC 28 04:44:04.6:0.3,37.051N:0.0110:97.52W:0.011,h7km,3km, Error ellipse: s-maj=1.7km s-min=1.3km az=123.0, Kansas

ISC 28 04:54:48.7:0.8,30.933S:71.39W, hOkm, mb4.3/7, mb1.4/2.12, mb1mx0.4/3, mbtmp4.1/12, ML3.8/5, MS3.1/3, Ms1.3/1.3, ms1mx2.9/23, Error ellipse: s-maj=28.0km s-min=18.7km az=102.0

SJA 28 04:54:53.0,30.85S:71.63W, h10km, ML4.4 GUC 28 04:54:55.3:0.7,30.84S:71.39W, h4km,2km, ML4.3 NEIC 28 04:54:55.5:1.1,30.87S:0.04:71.45W:0.07,h41km,2km, mb4.5/14, ML4.2(GUC), Error ellipse: s-maj=8.5km

28d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DBJI Dramaga, GRJI Gresik, GMJI Gumukmas, etc.

IDC 28 05:18:34.8-4.2, 36.39N:70.46E, h188km, 44km, mb3.3/4, mb1 3.3/8, mb1mx3.0/64, mbtmp3.8/8, Error ellipse: s-maj=44.6km s-min=19.8km az=163.0

NNC 28 05:18:36.7-9.9, 36.94N:69.95E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=80.1km s-min=68.8km az=24.0

ISC 28 05:18:36.2-0.8, 36.53N:0.08-70.34E, 0.09, h200km, n27, +117/30, mb3.4/3.4, C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like AML Almayashu, KK31 Karatay Array, etc.

IDC 28 05:26:03.3-0.7, 13.76N:144.83E, h102km, 5km, mb3.5/7, mb1 3.7/7, mb1mx3.4/62, mbtmp3.8/7, MS3.4/2, Ms1 3.4/2, mb1mx2.6/34, Error ellipse: s-maj=34.7km s-min=17.5km az=99.0

NEIC 28 05:26:04.1-0.5, 13.8N:0.1-144.9E:0.2, h107km, 4km, mb4.1/9, Error ellipse: s-maj=24.5km s-min=18.4km

2015 OCT

az=106.0 ISC 28 05:26:03.7-0.8, 13.8N:0.1-144.9E:0.1, h107km, 7km, n31, +06/21, mb3.9/1.1, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like GUMO Guam, PATS Pohnpei, etc.

NIC 28 05:28:42.1-0.0, 36.40N:28.91E, h72km, 2km, M4, 0/4, ATH 28 05:28:42.4, 36.67N:28.90E, h10km, 31km, ML3.2/3, Error ellipse: s-maj=31.6km s-min=1.1km az=0.0

ISK 05:28:43.5, 36.52N:28.92E, h48km, 1km, ML3.7/1.1, DDA 28 05:28:44.8, 36.48N:28.91E, h32km, MW3.4, THE 28 05:28:45.5, 36.46N:28.90E, h34km, 3km, ML3.2/3, Error ellipse: s-maj=3.3km s-min=0.8km az=46.0

HLW 28 05:28:46.1, 35.84N:28.73E, h10km, 22km, Md3.7, ISC 28 05:28:43.5-1.2, 36.44N:0.03-28.93E, 0.02, h52km, 7km, n75, +117/108.3C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like FETY Fethiye, KSL Kastellorizon, etc.

TAVA Tava, TAVA Tava, TAVA Tava, Error ellipse: s-maj=31.5km s-min=20.8km az=49.0, Southwestern Siberia

IDC 28 06:18:02.4-3.5, 54.47N:87.10E, h0km, mb1 2.9/2, mb1mx2.8/37, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=31.5km s-min=20.8km az=49.0, Southwestern Siberia

1200

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like TAVA Tava, DAT Data, etc.

IDC 28 05:29:03.7-1.3, 3.53N:15N:85.30E, h0km, mb1 3.2/2, mb1mx3.0/70, mbtmp3.2/2, ML3.0/2, 2C, Error ellipse: s-maj=15.0km s-min=8.8km az=93.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like ZALV Zalesovo Beam, etc.

IDC 28 06:18:02.4-3.5, 54.47N:87.10E, h0km, mb1 2.9/2, mb1mx2.8/37, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=31.5km s-min=20.8km az=49.0, Southwestern Siberia

IDC 28 06:18:02.4-3.5, 54.47N:87.10E, h0km, mb1 2.9/2, mb1mx2.8/37, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=31.5km s-min=20.8km az=49.0, Southwestern Siberia

1201

Table with 4 columns: Station Name, Azimuth, Phase ID, Time Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, Makanchi Array.

NNC 28 06:34:48.5±4.5, 37.02N±0.70, h0km, mb3.8, mpv3.4, 4C-1D, Error ellipse: s-maj=41.1km s-min=35.1km az=72.0, Afghanistan-Tajikistan border region

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like Karatay Array, Ala-Archa, Tokmak 2.

IDC 28 06:42:31.1±2.5, 53.75N±0.78E, h0km, mb1 3.3/4, mb1mx3.2/39, mbmp3.3/4, ML3.1/4, Error ellipse: s-maj=26.2km s-min=18.7km az=9.0

NNC 28 06:42:34.8±3.5, 53.71N±0.27E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=26.4km s-min=16.7km az=62.0, Suspected Mining explosion.

ISC 28 05:42:32.1±1.5, 53.32N±0.1, 90.60E±0.08, h0km, n10, r131/14, 9C-2D, Southwestern Siberia

Large table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, Makanchi Array, Talaya, Songino Array.

SNET 28 06:53:26.9±0.7, 14.32N±0.41W, h4km, 56km, ML2.7, GCG 28 06:53:28.5±0.5, 14.42N±0.90, h8km, 3km, MD3.2

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like Pacaya, Las Nubes, Fuego 3, Cerro Verde, Montecristo, Tacachico, Marmol, San Andres, JAYA, Alcala de S, Las Pavas, Centro de Oper.

KRNET 28 06:57:32.9±0.1, 40.87N±69.39E, mb2.7, ISC 28 06:57:32.4±2.3, 40.85N±0.05, 69.2E±0.2, h10km, n8, r132/15, 12C-4D, Tajikistan

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like Batken, Terek-Say, Garim, Karamyk, Karatay Array, Osh, Manas, Almayashu, Xudong.

2015 OCT

TAP 28 07:07:45.9, 24.29N, 121.91E, h16km, ML3.9, B, NIED 28 07:07:45.9, 24.22N, 121.90E, h14km, MW4.1, Moment Tensor Solution... s2 Moment tensor: Scale 1015Nm; Mn:0.28, Mw:0.36, Ms:0.09, Mv:1.31, Mh:0.11; Mw:0.32; Fault plane solution: Mo:1.40000x1015 NP1: e283.00000°, s84.00000°, l98.00000°. NP2: e49.00000°, s10.00000°, l36.00000°

JMA 28 07:07:45.8, 24.22N, 121.90E, h14km, 2km, M3.6, IDC 28 07:07:45.9, 24.22N, 121.90E, h121km, 86km, mb3.3/7, mb1 3.4/8, mb1mx3.2/57, mbmp3.7/8, ML3.7/1, M53.0/3, Ms1 3.1/3, ms1mx2.6/36, Error ellipse: s-maj=57.4km s-min=21.3km az=64.0

ISC 28 07:07:45.6±0.8, 24.23N±0.02, 121.93E±0.02, h14km, 5km, n151, r09/192, mb3.5/7, 8C-12D, Taiwan

Large table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like Heping Village, Wuta, Nanau, Fush Village, Nanganchiao, Chiawan, Suao, Hwalien, Xitun Townshi, Dongshan, Yanyiu Villag, Tongmen, Nioudou, Datong Townshi, Neicheng, Nan Shan, Hehuan Shan, Shilin, Fushou, Toucheng, YHNB, Wulai, Sanguang, Tachien, Tech, Renai, Guangfu, Renai, Shuangxi, Santiao Chiao, Mucha, Xindian Distri, Taipei, Wu-fen Shan, Wu-fen Shan, Taipei, Taipei, Taipei, Taichung City, Hungye, Zhudong.

28d 7h

Table with 4 columns: Station Name, Azimuth, Phase ID, Time Res. Includes stations like Pulli Township, Emel, Nanjiang, Guoxing, Beigang Elemen, Yonagunijimaku, Yonagunijimaku, Yonagunijimaku, Kuangyinshan, Suanglung, National Centr, Zhongli, Fush Village, Nanganchiao, Chiawan, Suao, Hwalien, Xitun Townshi, Dongshan, Yanyiu Villag, Tongmen, Nioudou, Datong Townshi, Neicheng, Nan Shan, Hehuan Shan, Shilin, Fushou, Toucheng, YHNB, Wulai, Sanguang, Tachien, Tech, Renai, Guangfu, Renai, Shuangxi, Santiao Chiao, Mucha, Xindian Distri, Taipei, Wu-fen Shan, Wu-fen Shan, Taipei, Taipei, Taipei, Taichung City, Hungye, Zhudong.

28d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JISG Ishigakijimahi, SCZT Fiangliu, LAY Lan-yu, etc.

IDC 28 07:15:53.6.2.0, 9.36S, 125.29E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.4/58, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=30.6km s-min=28.8km az=48.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BATI Baumata, BATI 25nm, FITZ Fitzroy Crossi, etc.

IDC 28 07:16:16.2.3.8, 36.33N, 70.42E, h187km, 38km, mb3.2/5, mb1 3.9/2.1, mb1mx3.0/67, mbtmp3.7/11, Error ellipse: s-maj=34.9km s-min=18.8km az=163.0

IDC 28 07:16:18.6.0.8, 36.56N, 070.73E, 0.08, h204km, n30, r1543/33, mb3.4/4, 2C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AML Almayushu, KK31 Karatay Array, KK31 2.5nm, etc.

IDC 28 07:31:33.6.0.9, 27.22N, 66.05E, h0km, mb4.1/21, mb1 4.2/22, mb1mx4.0/58, mbtmp4.1/22, ML3.7/1, MS3.2/6, Ms1 3.2/6, ms1mx2.8/41, Error ellipse: s-maj=19.9km s-min=15.7km az=6.0

2015 OCT

az=148.0, ISC 28 07:31:38.2.0.6, 27.21N, 0.08, 66.01E, 0.05, h35km, n59, r178/58, mb4.0/26, MS3.1/5, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, WSAR 1.0nm, HRA Herat, etc.

IDC 28 07:34:02.2.6.2, 36.36N, 70.57E, h197km, 58km, mb3.2/5, mb1 3.3/7, mb1mx3.0/54, mbtmp3.8/7, Error ellipse: s-maj=50.8km s-min=25.6km az=23.0

NIC 28 07:34:05.4.5.8, 36.99N, 70.54E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=52.9km s-min=43.9km az=76.0

ISC 28 07:34:03.2.1.2, 36.65N, 0.17, h204km, n10, r1941/12, mb3.4/4, 5C, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

1202

1.2nm, 0.7s, baz=67, slow=11, SNR=1.6, TORD Torodi Ar. Bea 65.40 288 P P 07 44 24.3 0.0

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

IDC 28 07:40:24.5.1.0, 50.02N, 78.67E, h0km, mb1 3.1/2, mb1mx3.0/38, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=1.0.6km s-min=0.6km az=65.0

NIC 28 07:40:24.5.0.5, 50.02N, 78.61E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=7.5km s-min=2.2km az=79.0, Suspected Mining explosion.

ISC 28 07:40:19.5.0.9, 50.17N, 0.05, 79.26E, 0.07, h0km, n18, r134/30, 16C-12D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KUR14 Kurchatov Arra, KUR07 Kurchatov Arra, etc.

MDD 28 07:40:49.5.0.4, 37.93N, 2.55W, h8km, 4km, mbLg2.4/21, Error ellipse: s-maj=4.1km s-min=3.1km az=142.0, PRXIMO

CNRM 28 07:40:53.1, 37.68N, 2.62W, h24km, ml2.9, ISC 28 07:40:49.6.1, 37.91N, 0.02, 2.57W, 0.02, h12km, 10km, n4, r137/64, 1D, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SESP Santiago Espad, EQES Quesada, GORA Gorate, etc.

Table with columns: BRTR, Station Name, Az, El, P, S, Time, Res. Includes stations like Keskin Array B, David Mesa, Paradox Valley, Nyswonger Mesa, East Wray Mesa, Elko, Lajitas Array, Mina Array Bea, Alibek, Zalesovo Beam, ZALV, Seymchan, Makanchi, MKAR, MKAR, SOMN, KRSR, CMAR, WRA, ASAR.

RSNC 28:08:45:42.9:1.1, 6.81N, 73.14W, h145km, 4km, ML3.2, Mw3.7, 5C-3D, Fault plane solution: NP1:3=78.00000°, 818.00000°, λ=180.00000°, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BARC, BRRC, PAMC, RUSC, TAMC, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, GUY2C, VILC, PTGC, CBOC, DBBC, MOC, ANIL, ARGC, SDV, ORTC, PLMC, SJCC.

Table with columns: LCBC, Station Name, Az, El, P, S, Time, Res. Includes stations like Los crdobas, San Jose del G, BBAC, BBAC.

NEIC 28 09:01:25.4±2.0, 15.50N±0.07;95.34W±0.03, h20km, 7km, mb4.1/4, Md4.1/33(ME2), Error ellipse: s-maj=10.1km, s-min=4.3km az=190.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HUIG, HUIG, PANG, PANG, CMIG, CMIG, PEIG, PEIG, PCIG, PCIG, VHO, VHO, TGIG, TGIG, YONG, YONG, PINO, PINO, THIG, THIG, TOXP, TOXP, COIG, COIG, CCIG, CCIG, TLIG, TLIG, BNIC, BNIC, TUCS, TUCS, RUSC, RUSC, X58A, X58A.

ARE 28 09:02:45:2.9, 10.53S±0.09;77.0W±0.1, h121km, 5km, Error ellipse: s-maj=0.0km s-min=0.0km az=187.0

NEIC 28 09:02:43.6±1.5, 10.61S±0.09;76.84W±0.08, h127km, 8km, mb4.5/20, ML4.7(ARE), Error ellipse: s-maj=12.7km s-min=11.5km az=198.0, Central Peru

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LPAZ, OTAV, PB08, PB07, PB04, LVC, PB15, PB14, OCAC, BCIP, BCIP, DUNO, SNET, TOSP, TOSP, JAKH, JAKH, LCCY, GTBY, GTBY, PLCA, PLCA, TZTN, TZTN, TX31, TX31, MNXT, DLMT, DLMT, PLID, PLID, ROSA, IOTA, COR, PFVI, GSPA, VVDA, VVDA.

NEIC 28 09:05:06.2±0.8, 0.8N±0.1; 123.86E±0.10, h256km, 12km, mb4.3/16, Error ellipse: s-maj=17.4km s-min=13.7km az=201.0

ICD 28 09:05:14.7±7.0, 0.40N±0.123;50E, h352km, 82km, mb3.2/5, mb1.3/3.6, mb1mx3.0/4.3, mbtmpr3.9/6, Error ellipse: s-maj=99.6km s-min=17.4km az=61.0

DJA 28 09:05:17.0±0.5, 0.5N±0.12; 142E±, h90km±13km, M3.7/8, MLV3.7/8

ISC 28 09:05:05.4±0.8, 0.66N±0.07; 123.98E±0.05, h241km, 7km, n34, ±194/38, mb4.2/12, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KMSI, GTOI, GTOI, MRSI, LUWI, LUWI, TOLIT, SANI, SANI, SGSI, TNTI, TNTI, BNTI, BNTI, MTN, MTN, KNRA, KNRA, FITZ, FITZ.

Table with columns: FITZ, PSA00, WRB, WRB, WRAP, WRA, WRA, WRA, WRA, WRO, WRO, ASAR, ASAR, FORT, FORT, BB00, BB00, BB00, STKA, STKA, STKA, CAN, CAN, SONM, MK31, MKAR, MKAR, MKAR, MKAR, KURK, KURK, KURK.

NEIC 28 09:07:58.8±1.5, 2.317S±0.02;70.73W±0.08, h24km, 4km, Error ellipse: s-maj=10.5km s-min=2.5km az=79.0

GUC 28 09:08:00.4±0.8, 23.15S; 70.61W, h31km, 8km, ML4.5, VAO 28 09:08:01.1±0.3, 23.14S; 70.41W, h26km, mb4.8

NEIC 28 09:08:01.23, 18S; 70.59W, h26km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 1.4, Mtt: 2.4, Mss: -1.32, Mtr: 0.03, Mts: 0.24, Mrt: -2.75, Fault plane solution: M3.04000°/1016° NP1:3=341.00000°, 613.00000°, λ72.00000°. NP2:3=179.00000°, 678.00000°, λ94.00000°. Principal axes: T 2.9057, P15.00000°, Azm94.00000°, N 0.2501, P14.00000°, Azm358.00000°, P -3.1558, P133.00000°, Azm266.00000°

NEIC 28 09:08:01.3, 23.17S; 70.50W, h27km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 0.80, Mss: -0.28, Mtr: 0.53, Mts: 0.05, Mrt: 0.17, Mr: -1.25, Fault plane solution: M1.45000°/1016° NP1:3=174.07000°, 675.64000°, λ96.19000°. NP2:3=330.43000°, 615.61000°, λ67.15000°. Principal axes: T 1.5528, P159.00000°, Azm93.00000°, N -0.2478, P166.00000°, Azm353.00000°, P -1.3052, P130.00000°, Azm259.00000°

ICD 28 09:08:04.9±2.0, 23.11S; 70.74W, h65km, 16km, mb4.3/17, mb1.4/19, mb1mx4.3/25, mbtmpr4.5/19, MS4.1/17, Ms1.4/17, ms1mx4.0/22, Error ellipse: s-maj=16.7km s-min=12.6km az=83.0

GCMT 28 09:08:04.0±0.4, 23.14S; 70.91W±0.03, h36km, 1km, MW5.0/64, Moment Tensor Solution. s25, c29; s64, c27; Duration: 0 Moment tensor: Scale 10^19Nm, Mrr: 3.22, Mss: 1.75, Mtr: 14, Mts: 3.43, Mrt: 15, Mr: 0.63, 14; Ms: 0.07, 0.7; Ms: -1.7±, 12; Best double couple: M3.85600°/1016° NP1:3=0.00000°, 832.00000°, λ106.00000°. NP2:3=384.30000°, 859.00000°, λ81.00000°. Principal axes: T 3.8430, P174.00000°, Azm55.00000°, N 0.0250, P168.00000°, Azm175.00000°, P -3.8660, P14.00000°, Azm267.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

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ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

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ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

ISC 28 09:07:59.0±1.1, 2.310S±0.03; 70.64W±0.14, h25km, 7km, n270, ±193/255, mb5.0/56, MS4.2/10, 30C-15D, Fault plane solution: NP1:3=129.70357°, 855.93084°, λ58.30647°. NP2:3=357.48740°, 845.18430°, λ127.84280°. Principal axes: T P163.4450°, Azm343.5037°; N P125.7981°, Azm148.7838°; P P197.9701°, Azm241.6324°; Near coast of northern Chile

28d 10h

Table with columns: Code, Station Name, Az, El, S, P, I, S, Time, Res, ISC. Includes stations like IPOC Station P, Maricunga, IPOC Station P, etc.

IDC 28 10:04:16.9,6.7,36.34N;70.59E,h192km,57km,mb3.4/7,mb1.3/5.12,mb1mx3.2/6.2,mbtmp4.0/1.2,MS3.8/2,Ms1.3.8/2,ms1mx2.7/4.6,Error ellipse: s-maj=56.0km s-min=17.7km az=39.0

NNC 28 10:04:17.4,3.1,36.93N;70.17E,h0km,mb4.3,mpv3.9,Error ellipse: s-maj=25.9km s-min=18.7km az=164.0

NEIC 28 10:04:17.8,1.5,36.50N;0.06,70.38E;0.06,h212km,7km,mb4.4/1.3,Error ellipse: s-maj=9.4km s-min=6.8km az=160.0

ISC 28 10:04:17.8,0.5,36.50N;0.05,70.48E;0.06,h204km,n80,c1573/86,mb4.2/1.3,4C-3D,Hindu Kush region

Main station list table for the 28d 10h period, listing codes, station names, and various parameters.

2015 OCT

Table with columns: Code, Station Name, Az, El, S, P, I, S, Time, Res, ISC. Includes stations like AKTO, RAMN, ODAN, ZAAO, ZALV, etc.

IDC 28 10:12:49.9,3.0,36.38N;71.32E,h190km,24km,mb3.4/8,mb1.3/4.1,mb1mx3.3/6.2,mbtmp4.0/1.5,MS3.2/1,Ms1.3.4/1,ms1mx2.3/5.3,Error ellipse: s-maj=26.0km s-min=18.8km az=171.0

NNC 28 10:12:52.3,5.0,37.10N;70.73E,h0km,mb4.3,mpv4.1,Error ellipse: s-maj=39.3km s-min=26.5km az=171.0

NEIC 28 10:12:53.3,1.2,36.67N;0.07,71.13E;0.10,h217km,6km,mb4.1/6,Error ellipse: s-maj=11.4km s-min=10.0km az=81.0

ISC 28 10:12:52.0,0.5,36.65N;0.05,71.28E;0.06,h200km,n65,c1580/72,mb3.7/9,8C-2D,Afghanistan-Tajikistan border region

Main station list table for the 2015 OCT period, listing codes, station names, and various parameters.

1206

Table with columns: Code, Station Name, Az, El, S, P, I, S, Time, Res, ISC. Includes stations like BRVK, AKTO, ZAAO, ZALV, etc.

IDC 28 10:15:48.8,4.0,36.23N;70.55E,h186km,128km,mb3.4/2,mb1.3/3.4,mb1mx2.8/5.5,mbtmp3.9/4,Error ellipse: s-maj=53.7km s-min=59.5km az=170.0

NNC 28 10:15:53.9,9.4,37.05N;70.31E,h0km,mb3.9,mpv3.5,Error ellipse: s-maj=72.8km s-min=64.1km az=168.0

ISC 28 10:15:55.1,2.6,36.9N;0.2,70.4E;0.2,h200km,n7,c057/11,2C-3D,Hindu Kush region

Table with columns: Code, Station Name, Az, El, S, P, I, S, Time, Res, ISC. Includes stations like KK31, AAK, AAL, etc.

IDC 28 10:41:11.3,1.5,8.15S;130.69E,h0km,mb4.3/2,mb1.4/4.7,mb1mx3.9/4.1,mbtmp4.3/7,ML4.2/5,MS3.2/6,Ms1.3.2/6,ms1mx2.9/3.1,Error ellipse: s-maj=45.5km s-min=22.9km az=91.0

NEIC 28 10:41:15.6,1.1,8.16S;0.06,130.64E;0.07,h262km,6km,mb4.4/1.3,Error ellipse: s-maj=10.5km s-min=7.8km az=130.0

ISC 28 10:41:16.0,0.6,8.17S;0.05,130.57E;0.07,h35km,n39,c231/42,mb4.5/1.1,MS3.2/3,Tanibar Islands region

Main station list table for the 1206 period, listing codes, station names, and various parameters.

28d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LONT Longtian, TCU Taichung, TWQ1 Liyutan, etc.

2015 OCT

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ECL Taimali, WMLT Malliao, WSF Sshu, etc.

1208

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YULB baz=301, EDH Donghe, EDH baz=213, etc.

IDC 28 12:07:46.0.2,3,8.21Sx130.57E, h0km, mb3.5/1, mb1 3.4/4, mb1mx3.3/44, mbtmp3.2/4, ML3.1/3, Error ellipse: s-maj=77.6km s-min=30.9km az=78.0, Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Warramunga Arr, WRA Warramunga Arr, etc.

JMA 28 12:10:30.8±0.1, 23.22N±121.62E, h38km±3km, M2.8 TAP 28 12:10:31.8, 23.25N±121.56E, h39km, ML3.3, C ISC 28 12:10:32.1±1.2, 23.23N±121.61E±0.02±1.15E±0.03, h35km, n120, ±192/207, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like ECBN Changbin, ECBN Chengkung, CHKT, EYUL Yuli, EYUL Fuli, etc.

28d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA Mopani, MSNA Messina, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 13:25:18.7, DZM Mont Dzumac, AFI Afrim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANF 28 13:26:10.2, LO2E Cave Junction, K02D Williamette Mer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 13:31:18.6, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCMT 28 13:33:40.0, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 13:33:30.3, MSVF Novansu, RAO Raoul Island, etc.

1015Nm; M=0.50; Mw=3.46; Ms=2.96; Ma=1.34; Mw=2.16; Mw=1.46; Fault plane solution: M4.360000/1015 NP1=330.00000, 864.00000, A=10.00000, NP2: 0=64.00000, delta1.00000, lambda.154.00000. Principal axes: T 428.4000, Plg12.0000, Azm194.0000; N -444.0600, Plg62.0000, Azm81.0000; P 15.6500, Plg25.0000, Azm290.0000;

WEL 28 13:33:41.7, 1.2, 45, 5, 5, 16, 7E, h4km, 4km, M4.5/13, ML4.7/13, MLV4.5/13; Error ellipse: s-maj=0.0km s-min=0.0km az=110.6; NEIC 28 13:33:42.9, 1.8, 45, 17S:0.05, 166:75E:0.05, h21km, 7km, mb4.2/8; Error ellipse: s-maj=7.7km s-min=5.2km az=162.0; IDC 28 13:33:42.1, 1.8, 45, 15S:166:69E, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/28, mbtm3.7/3, ML3.6/1, Error ellipse: s-maj=57.3km s-min=39.2km az=2.0; ISC 28 13:33:41.0, 1.5, 45, 05S:0.04, 166:74E:0.04, h10km, 10km, n118, a280/110, mb4.4/7, M4.6/3, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, etc.

IDC 28 14:04:54.6, 1.3, 13, 84N:58:31W, h0km, mb3.6/6, mb1.4/0.6, mb1mx3.7/46, mbtm3.6/6, MS3.3/3, Ms1.3/3.3, mb1mx2.9/23, Error ellipse: s-maj=38.7km s-min=29.7km az=40.0; NEIC 28 14:04:55.8, 1.8, 13, 95N:0:06:58W:0.1, h21km, 8km, mb4.2/8, Error ellipse: s-maj=15.1km s-min=8.3km az=82.0; TRN 28 14:04:59.0, 13:91N:58:69W, h76km, MD4.3; ISC 28 14:04:55.7, 0.9, 13:95N:0:03:58W:0.08, h10km, n105, a192/127, mb3.7/8, 3C, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBSP Saint Phillip, BBGH Gun Hill, BBGH Gun Hill, etc.

WEL 28 13:33:40.0, 45.08S:166:69E, h6km, ML4.6, Mw4.4, Moment Tensor Solution. s10 Moment tensor: Scale

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUY2C, CBOC, PLMC, etc.

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

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

IDC 28 14:09:55.5-1.3, 4.16S:152.80E, h0km, mb4.0/8, mb1 4.2/8, mb1mx3.8/4.1, mbmp4.0/8, MS3.1/2, Ms1.3/1.2, ms1mx2.6/3.4, Error ellipse: s-maj=33.3km s-min=27.3km az=135.0

NEIC 28 14:10:02.4-1.7, 4.2S:0.1, 152.87E:0.09, h41km, 4km, mb4.2/15, Error ellipse: s-maj=18.6km s-min=13.1km az=163.0

ISC 28 14:10:01.9-0.7, 4.33S:0.10, 153.0E:0.1, h35km, n30, s153Z/23, mb4.2/14, New Britain region

Main station list table for the first section, including stations like RABL, MANU, HNR, PATS, etc.

Main station list table for the second section, including stations like RIGZ, PRGZ, BFZ, etc.

Main station list table for the third section, including stations like AKTO, AKTO, AKTO, etc.

NOU 28 14:12.4, 38.94S:175.74E, h0km, ML3.7/8, North Island, New Zealand

WEL 28 14:11.1, 5.29S:170.17E, h8km, 1km, M3.4/49, ML3.7/49, MLV3.4/49, Error ellipse: s-maj=0.0km s-min=0.0km az=72.3, North Island

Main station list table for the fourth section, including stations like KATZ, NTWZ, TMWZ, etc.

NNC 28 14:16:29.9-3.6, 36.94N:70.02E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=35.4km s-min=18.5km az=153.0

IDC 28 14:16:30.9-2.6, 36.33N:70.46E, h176km, 24km, ms3.5/13, mb1 3.6/19, mb1mx3.4/5.2, mbmp4.1/19, MS3.9/3, Ms1 3.9/3, ms1mx2.8/5.3, Error ellipse: s-maj=20.3km s-min=14.1km az=33.0

BUI 28 14:16:31.9-0.0, 36.59N:70.31E, h187km, mb4.7/7, mb4.2/7

NEIC 28 14:16:33.2-2.2, 36.53N:0.07, 70.32E:0.07, h198km, 3km, mb4.3/14, Error ellipse: s-maj=10.0km s-min=8.6km az=62.0

ISC 28 14:16:33.0-0.5, 36.52N:0.05, 70.40E:0.05, h204km, n88, s250Z/93, mb4.0/19, ACZ-6D, Hindu Kush region

Main station list table for the fifth section, including stations like KBL, CHGR, GAR, etc.

FINES FINES Array B 37.20 326 P P 14 23 26.2 +1.9

FINES FINES Array C 37.20 326 P P 14 23 25.8 +1.6

ARCES ARCES Array B 40.94 338 P P 14 23 57.2 +2.1

ARCES ARCES Array C 40.94 338 P P 14 23 56.7 +1.7

HFS Hagfors 42.75 322 LR LR 14 44 22.5

NC303 NORARS Array S 44.02 323 P P 14 24 21.8 +1.7

NC303 NORARS Array A 44.02 323 P P 14 24 21.5

NB201 NORARS Array S 44.04 323 P P 14 24 21.2 +1.0

NB201 NORARS Array A 44.04 323 P P 14 24 21.5 +1.0

NOA NORARS Array B 44.07 323 P P 14 24 22.1 +1.5

TIXI Tikisi 45.94 22 P P 14 24 36.5 +1.6

SPB2 Spichenberg 47.36 347 P P 14 24 48.2 +2.3

JHD Hachijo jima 2 55.92 71 LR LR 14 54 52.8

TORD Torodi Ar, Bea 65.24 268 IAMB IAMB 14 26 54.6

TOLK Toolik Lake Re 71.02 14 P P 14 27 29.8 +1.6

TOLK Toolik Lake Re 71.02 14 P P 14 27 35.1

INK Inuvik 73.96 9 P P 14 27 47.6 +2.2

DBIC Dimbokro 74.22 267 LR LR 15 05 28.9

ILAR Eileison Array B 74.89 16 P P 14 27 52.7 +1.8

BCAR Beaver Creek A 77.46 14 P P 14 28 08.2 +2.7

WSR Warramunga Arr 82.41 122 P P 14 28 32.0 -0.5

ALFA Alfo Springs 84.66 124 P P 14 28 43.5 -0.4

comp=2.0, 3nm, 0.6s, baz=299, slow=4.6, SNR=6.1

IDC 28 14:21:17.9-1.4, 35.30S:179.84E, h0km, mb4.2/6, mb1 4.4/7, mb1mx4.1/22, mbmp4.3/7, ML4.1/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/3.9, Error ellipse: s-maj=36.0km s-min=25.4km az=62.0

NEIC 28 14:21:21.6-2.5, 35.64S:0.09, 179.8E:0.2, h16km, 7km, mb4.7/4, Error ellipse: s-maj=20.7km s-min=12.9km az=80.0

ISC 28 14:21:20.6-0.8, 35.58S:0.06, 179.96E:0.09, h10km, n76, s343Z/64, mb4.3/11, Off east coast of North Island

Code Station Name Az Phase ID Time Res

MXZ Matakaoa Point 2.38 213 Op ISC h m s ISC

URZ Urewera 3.52 228 P P 14 21 58.6 -1.1

URZ 33nm, 0.3s, baz=207, slow=2.3, SNR=36.2

URZ 31nm, 0.3s, baz=300, slow=2.3, SNR=6.6

URZ comp=2.152nm, 21.1s, baz=31, slow=36

MRHZ Matea Rd 4.30 220 P P 14 23 45.7 +6.9

KUTZ Kaahu Road 4.40 228 P P 14 23 45.2 +3.3

TLZ Tolly Road 4.48 231 P P 14 23 47.6 +3.2

BKZ Black Stump Fm 4.52 217 P P 14 23 46.5 +0.8

HATZ Hinemaiaia 4.52 222 P P 14 23 40.4 -5.3

WATZ Wairara 4.60 226 P P 14 23 41.1 -7.1

RATZ Rangitukia 4.68 224 P P 14 23 36.4 +10

KWHZ Kaweka Forest 4.71 213 P P 14 23 46.8 -6.5

KATZ Kakarama 4.80 224 P P 14 23 36.0 +7.2

MAZ Matahihi 4.89 223 P P 14 23 36.1 +5.0

NTVZ North Tongariri 4.90 223 P P 14 23 35.9 +4.8

28d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ETVZ, KRUV, OTVZ, NNWZ, KRHZ, etc.

WEL 28 14:22:12.61-1.0, 39.53N, 176E, h8km, 7km, M3.0/20, ML3.3/20, MLV3.0/20, Error ellipse: s-maj=0.0km, s-min=0.0km az=95.6, North Island

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

2015 OCT

Table with columns: THZ, LTZ, MTO, LQZ, TMZ. Lists stations like Tophouse, Lake Taylor, Queen's Vall, etc.

IASPEI 28 14:22:03.0-1.0, 39.09N, 0.03-119.63W, 0.03, h13km, 6km, Error ellipse: s-maj=4.5km, s-min=3.8km, az=50.5, GTS selection from ISC bulletin GTS15 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

REN 28 14:22:23.5-0.7, 39.09N, 0.02-119.64W, 0.03, h10km, 6km, ML3.0/17, ML2.9/34(NEIC), Error ellipse: s-maj=2.9km, s-min=2.6km, az=61.0

NEIC 28 14:22:23.1-0.9, 39.08N, 0.02-119.61W, 0.02, h12km, 5km, Error ellipse: s-maj=3.6km, s-min=1.0km, az=144.0, ANF 28 14:22:23.5-0.7, 39.10N, 119.63W, h10km, ML3.0/9, Error ellipse: s-maj=18.8km, s-min=5.6km, az=45.0

ISC 28 14:22:23.4-0.8, 39.09N, 0.02-119.63W, 0.02, h11km, 5km, n58, c059/66, Nevada

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PNTR, BFNTR, BFCR, etc.

IDC 28 14:30:06.5-1.5, 39.43N, 41.24E, h0km, mb3.6/1, mb1 3.3/4, mb1mx3.1/53, mbtm3.2/4, ML2.0/3, MS2.6/3, Ms1 2.6/3, ms1mx2.3/45, Error ellipse: s-maj=25.8km, s-min=11.1km, az=177.0

ISK 28 14:30:06.2, 39.46N, 41.19E, h2km, ML3.6/20, DDA 28 14:30:06.3, 39.47N, 41.23E, h10km, 2km, MW3.7

CFUSG 28 14:30:07.7, 39.50N, 41.40E, h5km, mb3.1/1, MD3.1/1, Eastern Turkey Maglype MSH 3.1 from 1 stations

ISC 28 14:30:06.7-0.9, 39.46N, 0.02-41.21E, 0.02, h10km, 7km, n71, c1832/89, Turkey

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

1212

Table with columns: YEDI, YEDI, SLHN, SLHN, SLHN, etc. Lists stations like Yedisu-Bingol, Bingol, Solhan, etc.

EAF 28 14:30:41.7-1.1, 25.43S, 29.18E, h0km, 38km, MD3.8

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOPA Mopani, MSNA Messina, LBTA Lobatse, etc.

WEL 28 14:43:28.1±0.2, 39°S±1°17'6"E±, h5km, M3.2/67, ML3.5/66, MLV3.2/67, Error ellipse: s-maj=0.0km

Main station list table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations across South Africa.

Table with columns: KHZ, DUZ, OSZ, LTZ, Station Name, Time, Res, P, Pn. Includes Kahutara, Denniston Nort, Omahuta, Lake Taylor.

ICD 28 14:55:44.7±0.7, 38°10'N:143°74'E, h0km, mb3.9/14, mbl 4.1/18, mb1mx4.0/41, mbmp4.0/18, ML3.9/3, MS2.7/3, S-m1=2.8/3, ms1mx2.4/6.0, Error ellipse: s-maj=19.4km

NEIC 28 14:55:46.0±1.5, 38°10'N:143°74'E:0.1, h6km, 5km, mb4.4/12, Error ellipse: s-maj=13.5km s-min=1.4km az=110°

NIED 28 14:55:48.0, 38°17'N:143°61'E, h39km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=6.75; Mm=1.54; Mpp=5.20; Mm1.68; Mpp3.53; Mo=0.57; Fault plane solution: M2: 28000x10^14 NP1: 340.00000; A: -105.00000; T: -77.00000; NP2: 21.00000

JMA 28 14:55:47.9±0.1, 38°17'N:143°61'E, h39km, M4.3, S-m1=1.5/3, ms1mx2.4/6.0, Error ellipse: s-maj=19.4km

Main station list table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations across the Pacific region.

CNRM 28 15:00:13.2, 36°78'N:5°63'W, h142km, ml1.9, MDD 28 15:00:14.4, 40.3, 37°01'N:5°33'W, h11km, mbL2.6/23, Error ellipse: s-maj=3.9km s-min=2.2km az=7.0, PRXIMO

IGL 28 15:00:14.2, 37°04'N:5°33'W, h5km, ML2.6, INMG 28 15:00:15.0, 14.1, 37°02'N:5°35'W, h16km, 3km, ML2.4, Error ellipse: s-maj=2.6km s-min=1.7km az=176.0

ISC 28 15:00:12.4±1.1, 37°01'N:02°5'33'W:0.02, h10km, 10km, n60, ±153/100, 1C-2D, Spain

Main station list table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations across the Atlantic and Pacific regions.

1215

TWB1	baz=3.0	eS	Sg	15 48 48.2	-0.6
OWD	Renai baz=245	0.77 248	P	Pb	15 48 39.2 -0.5
OWD	baz=245	eS	Sb	15 48 50.9 +0.5	
TWA	Mucha baz=334	0.81 335	eP	Pg	15 48 39.7 +0.1
TWA	baz=334	eS	Sg	15 48 50.8 +0.6	
NHHD	Xindian Distri baz=330	0.81 331	P	Pg	15 48 39.5 -0.3
NHHD	baz=330	S	Sg	15 48 50.8 +0.3	
NWF	Wu-fen Shan baz=348	0.84 349	P	Pg	15 48 40.5 +0.2
NWF	baz=348	eS	Sg	15 48 51.1 -0.1	
TAP	Taipei baz=331	0.89 333	eP	Pg	15 48 41.5 +0.3
TAP	baz=331	eS	Sg	15 48 53.3 +0.5	
HGSD	Ruisui baz=211	0.89 213	P	Pb	15 48 41.7 -0.0
HGSD	baz=211	eS	Sn	15 48 55.7 -0.2	
WHP	Taichung City baz=269	0.92 272	P	Pb	15 48 41.9 -0.4
WHP	baz=269	S	Sb	15 48 55.2 +0.5	
JYNG	Yongunijimaku	0.93 77	P	Pg	15 48 42.1 +0.2
JYNG	baz=291	S	Sb	15 48 55.5 +0.7	
EHY	Hungye baz=216	0.94 218	P	Pb	15 48 42.8 +0.3
EHY	baz=216	eS	Sb	15 48 56.0 +1.0	
LI0B	Emei baz=293	0.94 295	P	Pb	15 48 42.8 +0.1
LI0B	baz=293	S	Sb	15 48 55.9 +0.6	
NSTT	Nanjuang baz=291	0.95 294	P	Pg	15 48 42.1 -0.2
NSTT	baz=291	S	Sb	15 48 55.9 +0.4	
YM01	YM01 baz=337	0.96 339	eP	Pg	15 48 42.3 -0.3
YM01	baz=337	S	Sg	15 48 54.9 -0.3	
WCS	Beigang Elemen baz=256	0.97 259	P	Pb	15 48 42.9 -0.2
WCS	baz=256	S	Sb	15 48 57.0 +1.0	
TWS1	Kuangyinshan baz=329	0.98 330	eP	Pg	15 48 42.2 -0.8
TWS1	baz=329	eS	Sg	15 48 56.2 +0.4	
YOJ	Yonguni jima baz=78	0.99 77	P	Pg	15 48 42.9 -0.2
YOJ	baz=78	eS	Sg	15 48 56.7 +0.8	
YOJ	Yonguni jima	0.99 77	P	Pg	15 48 43.2 +0.1
YOJ	baz=78	eS	Sb	15 48 58.2 +1.7	
NCUH	Zhongli baz=314	1.00 316	eP	Pg	15 48 43.2 -0.2
NCUH	baz=314	eS	Sb	15 48 57.5 +0.4	
NCU	National Centr baz=314	1.00 316	eP	Pg	15 48 42.8 -0.6
NCU	baz=314	eS	Sb	15 48 57.1 +0.1	
ANP	Anpu baz=336	1.02 337	eP	Pg	15 48 43.9 +0.2
ANP	baz=336	eS	Sg	15 48 56.9 0.0	
SSLB	Suanguilin baz=241	1.02 244	P	Pg	15 48 43.3 -0.5
SSLB	baz=241	eS	Sb	15 48 58.6 -0.5	
NTST	Danshui baz=332	1.02 333	eP	Pg	15 48 43.2 -0.6
NTST	baz=332	eS	Sg	15 48 57.7 +0.6	
SMLT	Sun Moon Lake baz=247	1.03 250	P	Pb	15 48 43.9 -0.2
SMLT	baz=247	S	Sb	15 48 58.9 +1.0	
SBCB	Hsinchu baz=299	1.04 302	eP	Pg	15 48 43.4 -0.7
SBCB	baz=299	eS	Sb	15 48 58.3 +0.3	
YULB	Yu-li baz=214	1.04 215	P	Pg	15 48 42.9 -1.2
YULB	baz=214	eS	Sb	15 48 58.8 +0.8	
HSN	Hsinchu baz=302	1.05 302	eP	Pg	15 48 43.9 -0.5
HSN	baz=302	eS	Sb	15 48 58.7 +0.2	
TYC	Yuchi baz=249	1.06 252	P	Pg	15 48 44.1 -0.3
TYC	baz=249	S	Sn	15 48 59.7 -0.3	
EYUL	Yuli baz=212	1.07 213	eP	Pg	15 48 44.2 -0.4
EYUL	baz=212	eS	Sb	15 49 00.6 +0.4	
TWY	Chenhua baz=342	1.08 343	eP	Pg	15 48 44.2 -0.6
TWY	baz=342	eS	Sg	15 48 59.1 +0.3	
TWQ1	Liyutan baz=273	1.08 276	P	Pb	15 48 45.9 +0.5
TWQ1	baz=273	S	Sb	15 48 59.8 +0.5	
NMLH	Miaoii baz=283	1.10 286	eP	Pg	15 48 45.1 -0.2
NMLH	baz=283	S	Sb	15 49 00.7 +0.9	
NSY	Sanyi baz=276	1.10 279	eP	Pb	15 48 45.4 +0.1
NSY	baz=276	eS	Sb	15 49 00.4 +0.5	
TCU	Taichung baz=263	1.17 266	eP	Pb	15 48 46.5 -0.1
TCU	baz=263	eS	Sn	15 49 03.0 +0.2	
YUS	Yu-Shan baz=229	1.19 231	P	Pg	15 48 46.5 -0.4
YUS	baz=229	S	Sb	15 49 03.4 +0.6	
WJS	Zhushan baz=247	1.20 250	eP	Pb	15 48 47.5 +0.4
WJS	baz=247	eS	Sn	15 49 04.0 +0.5	
WDJ	Dajia District baz=273	1.20 275	eP	Pb	15 48 48.0 +0.9
WDJ	baz=273	eS	Sn	15 49 05.0 +1.4	
FULB	Fuli baz=209	1.20 210	P	Pg	15 48 46.8 -0.4
FULB	baz=209	S	Sb	15 49 03.9 +0.2	
WNT	Mingjian baz=250	1.22 253	eP	Pb	15 48 47.7 +0.4
WNT	baz=250	eS	Sn	15 49 04.6 +0.7	
CHKT	Chengkung baz=204	1.26 205	eP	Pg	15 48 47.4 -0.9
CHKT	baz=204	eS	Sb	15 49 05.3 +0.3	
ALS	Alishan baz=233	1.28 235	P	Pg	15 48 48.3 -0.5
ALS	baz=233	eS	Sn	15 49 07.0 +1.1	
WCHH	Zhanghua baz=261	1.28 263	eP	Pb	15 48 49.4 +1.2
WCHH	baz=261	eS	Pn	15 49 06.5 +0.9	
CHNS	Tsalung baz=239	1.33 241	P	Pg	15 48 49.2 -0.5
CHNS	baz=239	S	Sn	15 49 07.8 +0.8	
ELDTW	Lidau baz=218	1.36 219	P	Pb	15 48 49.5 +0.2
ELDTW	baz=218	eS	Sn	15 49 08.3 +0.7	
PCYT	Pengchayiu	1.38 4	eP	Pn	15 48 49.8 +0.1

2015 OCT

PCYT	baz=4.0	eS	Sb	15 49 06.8	-1.2
EDH	Donghe baz=204	1.40 205	P	Pn	15 48 49.1 -0.7
EDH	baz=204	eS	Sg	15 49 08.2 -0.9	
WDLH	Douliu baz=245	1.41 247	P	Pn	15 48 50.0 +0.1
WDLH	baz=245	eS	Sn	15 49 09.7 +1.0	
WRL	Guolierlin Hig baz=255	1.48 257	eP	Pn	15 48 51.1 +0.1
WRL	baz=255	eS	Sg	15 49 11.1 -0.7	
STYH	Taoyuan baz=224	1.52 226	P	Pn	15 48 51.1 -0.4
STYH	baz=224	eS	Sb	15 49 11.9 +0.1	
CHN2	Minshuiung baz=241	1.53 243	eP	Pn	15 48 52.1 +0.5
CHN2	baz=241	eS	Sg	15 49 12.9 -0.3	
CHN4	Tsushan baz=233	1.53 235	P	Pn	15 48 51.1 -0.5
CHN4	baz=233	eS	Sg	15 49 12.9 -0.4	
LONT	Longtian baz=208	1.53 210	P	Pn	15 48 51.3 -0.3
LONT	baz=208	eS	Sn	15 49 11.9 +0.2	
TPUB	Taipei baz=231	1.54 233	P	Pn	15 48 52.0 +0.2
TPUB	baz=231	eS	Sg	15 49 12.8 -0.7	
WTK	Tuku baz=231	1.54 249	eP	Pn	15 48 52.0 +0.3
WTK	baz=231	eS	Pb	15 49 12.6 -0.9	
WTP	Ta-pu baz=229	1.58 231	eP	Pg	15 48 53.2 -0.3
WTP	baz=229	eS	Sn	15 49 13.1 +0.2	
CHY	Chiayi baz=240	1.59 242	eP	Pn	15 48 52.8 +0.4
CHY	baz=240	eS	Sb	15 49 14.0 +0.2	
IRIF	Iriomote-Funau	1.62 86	P	Sn	15 48 52.3 -0.6
IRIF	baz=240	eS	Pb	15 49 13.7 -0.2	
LDUT	Ludao baz=195	1.63 196	eP	Pb	15 48 53.8 -0.4
LDUT	baz=195	eS	Sg	15 49 15.7 -0.7	
TWGBT	Beinan baz=208	1.63 210	eP	Pn	15 48 53.5 +0.5
TWGBT	baz=208	eS	Sn	15 49 14.3 +0.2	
TWG	Pinlang baz=208	1.63 210	eP	Pn	15 48 53.7 +0.6
TWG	baz=208	eS	Sg	15 49 14.6 +0.4	
TWK	Hsinyingi baz=232	1.66 234	eP	Pn	15 48 53.7 +0.2
TWK	baz=232	eS	Sb	15 49 15.7 -0.2	
CHN1	Nanshi baz=230	1.68 231	eP	Pn	15 48 54.2 +0.5
CHN1	baz=230	eS	Sb	15 49 16.4 -0.1	
SNST	Tainan City baz=231	1.68 233	eP	Pn	15 48 54.4 +0.7
SNST	baz=231	eS	Sb	15 49 16.4 -0.1	
WSF	Szhu baz=247	1.70 249	eP	Pn	15 48 54.0 +0.1
WSF	baz=247	eS	Sn	15 49 15.9 +0.2	
HATJ	Hateruma jima	1.70 96	P	Pn	15 48 53.7 -0.3
HATJ	baz=247	eS	Sn	15 49 16.6 +0.7	
SGST	Jiashun baz=226	1.71 228	eP	Pn	15 48 54.3 +0.2
SGST	baz=226	eS	Sn	15 49 16.5 +0.4	
SLGT	Liuguji baz=223	1.73 224	eP	Pb	15 48 55.4 -0.7
SLGT	baz=223	eS	Sg	15 49 19.5 -0.2	
ICHU	Yijhu baz=239	1.77 240	eP	Pn	15 48 55.7 +0.8
ICHU	baz=239	eS	Sn	15 49 18.4 +0.9	
CHN8	Yiju baz=239	1.83 241	eS	Sn	15 49 19.3 +0.3
CHN3	Shinhua baz=230	1.86 232	eP	Pn	15 48 56.2 0.0
CHN3	baz=230	eS	Sn	15 49 20.7 +0.8	
JKRS	Kuro-shima	1.88 90	P	Pn	15 48 56.8 +0.4
JKRS	baz=230	eS	Sn	15 49 20.3 +0.1	
ECL	Taimali baz=208	1.88 209	eP	Pn	15 48 56.2 -0.2
ECL	baz=208	eS	Sn	15 49 20.6 +0.3	
SSD	Sandimen baz=218	1.92 219	eP	Pn	15 48 56.9 -0.1
SSD	baz=218	eS	Sb	15 49 22.9 -0.6	
SCLT	Jiali baz=235	1.93 237	eS	Sn	15 49 21.9 +0.3
TSMG	Majia baz=217	1.95 218	eP	Pn	15 48 58.0 +0.6
TSMG	baz=217	eS	Sb	15 49 23.4 -0.8	
TWMT	Sheshan baz=223	1.99 225	eP	Pn	15 48 58.8 +0.8
JIJ	Ishigaki jima	2.00 86	P	Pn	15 48 58.2 +0.1
JIJ	baz=223	S	Sn	15 49 22.9 -0.4	
MASBT	Mashibuluo baz=216	2.03 217	eP	Pn	15 48 58.7 +0.2
MASBT	baz=216	eS	Sb	15 49 25.5 -1.0	
EAST	Anshuo baz=208	2.11 209	eP	Pn	15 48 59.5 -0.2
EAST	baz=208	eS	Sn	15 49 27.6 +1.4	
SSPT	Xinbi baz=215	2.17 216	eP	Pn	15 49 01.9 +1.6
SSPT	baz=215	eS	Sn	15 49 27.6 +0.2	
JISG	Ishigakijimahi	2.17 80	P	Pn	15 49 00.0 -0.5
LAY	Lan-yu baz=189	2.23 190	eP	Pn	15 49 01.1 -0.2
LAY	baz=189	eS	Sn	15 49 29.6 +0.7	
SCZT	Fangliang baz=212	2.23 214	eP	Pn	15 49 01.8 +0.5
SCZT	baz=212	eS	Sn	15 49 28.6 -0.4	
SLIU	Shizi baz=207	2.28 208	eP	Pn	15 49 02.4 +0.5
SLIU	baz=207	eS	Sn	15 49 31.4 +1.1	
PNG	Penghu baz=251	2.30 253	eP	Pn	15 49 02.3 +0.1
PNG	baz=251	eS	Sn	15 49 30.1 -0.4	
PHUB	Peng-hu baz=250	2.30 252	eP	Pn	15 49 02.4 +0.2
PHUB	baz=250	eS	Sn	15 49 31.5 +0.9	
WLCH	Liuqiu baz=217	2.38 218	eP	Pn	15 49 03.0 -0.3
HEN	Hengchun baz=206	2.49 207	eP	Pn	15 49 05.2 +0.3
HEN	baz=206	eS	Sn	15 49 36.9 +1.4	
TWK1	Hengchun baz=204	2.52 205	eP	Pn	15 49 05.9 +0.6
TWK1	baz=204	eS	Sn	15 49 37.5 +1.4	
TWKBT	Hengchun baz=204	2.52 205	eP	Pn	15 49 06.2 +0.9
TWKBT	baz=204	eS	Sn	15 49 37.5 +1.4	
TSEB	Hengchuen, Pin baz=203	2.53 203	eP	Pn	15 49 06.1 +0.7
TSEB	baz=203	eS	Sn	15 49 38.2 +2.0	

28d 16h

VCHM	Qimei baz=245	2.53 246	eP	Pn	15 49 05.9 +0.5
VCHM	baz=245	eS	Sn	15 49 36.5 +0.1	
JTJ	Tarama baz=254	2.54 80	P	Pn	15 49 05.8 +0.4
JTJ	baz=254	eS	Sn	15 49 36.1 -0.4	
MATB	Ma-tsu baz=315	2.63 317	eP	Pn	15 49 06.1 -0.7
MATB	baz=315	eS	Sn	15 49 38.6 -0.2	
PTMZ	Houxiangcun baz=286	2.70 288	eP	Pn	15 49 07.8 +0.1
PTMZ	baz=286	eS	Sn	15 49 40.0 -0.5	
LYJJ	Jianjiangzhen baz=318	3.03 320	eP	Pn	15 49 11.7 -0.6
LYJJ	baz=318	eS	Sn	15 49 48.4 -0.4	
XPSS	Dashiou baz=328	3.11 330	eP	Pn	15 49 13.1 -0.3
XPSS	baz=328	eS	Sn	15 49 50.3 -0.4	
KNM	Kimmen baz=322	3.22 274	eP	Pn	15 49 16.9 +2.1
MHZO	Yeshan baz=304	3.23 306	eP	Pn	15 49 15.3 +0.3
MHZO	baz=304	eS	Sn	15 49 53.4 -0.2	
KNMB	Chin-men Tao baz=273	3.26 275	eP	Pn	15 49 15.7 +0.3
KNMB	baz=273	eS	Sn	15 49 54.2 -0.1	
AXDP	Jialang baz=279	3.69 281	eP	Pn	15 49 21.9 +0.6
AXDP	baz=279	eS	Sn	15 50 04.9 0.0	
ZPLA	Xo Xicun baz=264	3.85 266	eS	Sn	15 50 08.8 -0.2
ZPLA	baz=264	eS	Sn	15 50 08.8 -0.2	
<p> <i>IDC 28 16:05:08.4; 1.6, 4.28S; 118.75E; h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/50, mbtmp3.5/4, Error ellipse: s-maj=77.3km s-min=16.0km az=41.0, DJA 28 16:05:10.1; 0.4, 4.5; 4.11'9E, h11km, 6km, M3.7/8, M3.7/11, ML3.8/8</i> ISC 28 16:05:10.0; 1.0, 4.00S; 07.119; 10E; 0.08, h10km, n11, 0.845/11, mb3.6/4, Sulawesi </p>					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC h m s ISC

28d 17h

IDC 28 17:10:55.0-0.5,9.62S:71.26W,h609km,5km,mb3.3/14, mb1 3.5/20,mb1mx3.4/32,mbtmp3.4/20,Error ellipse: s-maj=11.6km s-min=8.2km az=67.0 NEIC 28 17:10:55.3-1.7,9.64S:0.08x71.3W,0.1,h604km,7km, mb4.5/89,Error ellipse: s-maj=15.8km s-min=11.6km az=68.0

PB01 28 17:10:55.9-0.4,9.64S:71.22W,h603km,7km,mb4.5 ISO 28 17:10:55.2-0.4,9.65S:0.05x71.28W,0.06,h607km,4km, h609km:pp-P,n216,0e99/229,mb4.5/4C,Peru-Brazil border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like CZSB, LPAZ, ATAH, SAML, etc.

2015 OCT

Table with columns: GCPR, CBYP, CUPR, SDDR, ANWA, TRQA, NBPS, etc. Lists various stations and their coordinates and times.

1218

Table with columns: MOD, JMTT, I07A, FCC, KOWA, etc. Lists various stations and their coordinates and times.

IDC 28 17:22:07.8-0.9,9.58S:159.70E,h0km,mb3.9/6, mb1 4.0/6,mb1mx3.8/39,mbtmp3.9/6,MS3.1/1,Ms1 3.1/1, ms1mx2.5/37,Error ellipse: s-maj=44.5km s-min=9.6km az=151.0

ISC 28 17:22:12.0-1.1,0.96S:0.2-159.6E,0.1,h26km,n8,0e68/8, mb3.8/6,Bougainville-Solomon Islands region

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

IDC 28 17:29:11.3-1.3,0.00S:127.79E,h0km,mb3.8/4, mb1 4.1/6,mb1mx3.7/50,mbtmp3.9/6,ML3.9/2,Error ellipse: s-maj=57.8km s-min=21.7km az=79.0

DJA 28 17:29:22.4-2.9,0.0S:3.127E,1.1,h15km,27km,ML4.2/11, mb4.2/6,mb5.0/2,MLW4.1/11,mbW4.3/2

ISC 28 17:29:23.0-2.0,0.33S:0.07-127.29E,0.08,h100km,n28, 0e151/29,mb4.5/11,Almahera

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

Table with columns: MKAR, ILAR, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Includes data for Makanchi Array and Ionom Array.

IDC 28 17:33:16.6:1.4, 19:67S:177:33W, h548km, 15km, mb3.3/7, mb1.3/1.1, mb1mx3.1/48, mbtmp4.2/11, Error ellipse: s-maj=25.5km s-min=16.7km az=142.0 NEIC 28 17:33:19.0:1.2, 19:8S:0:1x177:5W:0.1, h556km, 7km, mb4.3/21, Error ellipse: s-maj=20.9km s-min=12.1km az=223.0

ISC 28 17:33:15.4:0.8, 19:9S:0:1x177:1W:0.1, h550km, n59, e162/47, mb4.0/15, Fijil Islands region

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like MSVF, MSVF, NIUE, AFU, AFI, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like SHAGG, MTHZ, MRHZ, NMHZ, ARHZ, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like CTAO, CTAO, COEN, STKA, BBOO, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like ASAR, ASAR, WB0, WB0, WB2, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like WRAB, WRA, WRA, WRA, KNRA, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like FITZ, PSA00, PSA00, JHJ2, etc.

Table with columns: M19K, PETK, KTH, H21K, H21K, I23K, I23K, MDM, MDM, PAX, PAX, ILAR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like ILAR, H2AK, TOLK, BMAR, EGAK, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like INK, INK, NVAR, PDAR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like PV17, PV17, PV13, PV13, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like JHJ, JHJ, JCJ, JCJ, MJAR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like MKAR, MKAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like STKA, WRA, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like PCIG, PCIG, PCIG, PCIG, etc.

Table with columns: YAIG, YAIG, YAIG, YAIG, MEIG, MEIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like LCND, LCND, TGUH, CRIN, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like JTS, JTS, JTS, JTS, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like TX31, TX31, TX31, TX31, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like MOTA, SJCC, X3A, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like FCAR, FCAR, AMTX, AMTX, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like OTAV, OTAV, BNM, BNM, etc.

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

IDC 28 17:52:28.8:3.5, 31:20N:141:11E, h0km, mb3.3/3, mb1.3/4.6, mb1mx3.3/42, mbtmp3.4/6, ML2.9/3, Error ellipse: s-maj=148.1km s-min=19.2km az=70.0

ISC 28 17:52:32.9:2.3, 31:31N:0:3x141:3E:0.6, h35km, n6, e95/97, mb3.5/3, Southeast of Honshu

IDC 28 17:58:58.8:5.2, 0, 15:55S:175:09W, h0km, mb4.1/3, mb1.4/2.3, mb1mx3.7/34, mbtmp4.1/3, Error ellipse: s-maj=990.7km s-min=179.1km az=77.0, Tonga Islands

IDC 28 18:20:51.0:3.0, 15:76N:93:48W, h63km, 32km, mb3.9/10, mb1.4/0.1/1, mb1mx3.7/35, mbtmp4.1/11, ML4.0/1, MS3.0/1, Ms1.3/0.1, ms1mx2.6/33, Error ellipse: s-maj=56.9km s-min=16.5km az=65.0

NEIC 28 18:20:52.2:5.2, 15:69N:0:07x93:85W:0.0, h76km, 7km, mb4.1/34, Md4.5/32(MLC), Error ellipse: s-maj=11.8km s-min=6.0km az=212.0

SNET 28 18:20:53.6:1.3, 14:70N:94:09W, h15km, ML5.0, UCR 28 18:20:53.1:1.4, 14:66N:93:97W, h0km, 645km, ML4.5

MEX 28 18:20:53.1:2.0, 15:47N:94:06W, h20km, 18km, Md4.5

ISC 28 18:20:51.1:0.5, 15:65N:0:06x93:96W:0.04, h69km, n117, e244/136, mb4.1/14, Near coast of Chiapas

SFS 28 18:39:56.0, 35:50N:3:70W, ML3.2, ALBORAN SUR LDG 28 18:39:56.0, 35:50N:3:70W, h10km, ML2.7/4, Error ellipse: s-maj=7.7km s-min=4.4km az=174.0

CNRM 28 18:39:57.6, 35:54N:3:77W, h13km, ML3.5 INMG 28 18:39:57.1, 35:50N:3:71W, h16km, 8km, ML3.1, Error ellipse: s-maj=5.5km s-min=3.2km az=147.0

IGL 28 18:39:57.7, 35:52N:3:77W, h3km, ML3.2 MDD 28 18:39:57.3, 35:52N:3:73W, h16km, 7km, mblg3.1/47, Error ellipse: s-maj=7.7km s-min=3.5km az=159.0

MDD EMS: INTENSIDAD MAXIMA-ESPAA n117, e180/209, 2C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like PALE, PALE, PVLZ, PVLZ, etc.

28d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHAS Isla Isabel II, Taforalt, Los Guajares, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like MESJ, MORF Marlete, Vila Bisbo, etc.

1220

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTLF Montolio, NOCI Noci, MESS Mesagne, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SONGMO Songoing Array, ULN Ulanbaatar, DL2 Dalian, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MDM MDM, COLA College, ILAR Eilat Array, etc.

1229

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like MAW, MURC, J05D, YERR, FYU, etc.

2015 OCT

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like TIXI, B05A, SFX, TPH, etc.

28d 20h

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like NEW, KNB, WMO, U15A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBRAR Mbarara, SMOL Smolenice, KRUC Moravsky, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAE Volguarnera, RAFF Raffa Rosso, CORL Corleone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAEL comp=N,56nm,0.8s, MULA Mugla, Merkez, etc.

NEIC 28 21:27:12.3e 1.0, 22:02:01.1x169:94E:0.04, h26km,5km, mb4.3/7, Error ellipse: s-maj=15.8km s-min=4.1km

ISK 28 21:03:11.4, 37:15N:28:35E, h4km, ML1.9/10 DDA 28 21:03:12.0, 37:13N:28:32E, h7km,3km, ML1.7, Turkey

28d 22h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BNDI, MTKI, SWI, SIJI, MMRI, DCPH, etc.

2015 OCT

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PINNC, KLR, ULN, SONM, WMQ, KSH, etc.

1234

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KKR, EK2, AAK, AAK, AAK, etc.

LSZ 28 22:41:42.1±0.3, 13.66S;25.83E, h10km, MD2.8, ML2.3
EAF 28 22:41:44.1±2.9, 17.23S;27.45E, h37km,703km, MD3.9
ISC 28 22:41:42.3±1.2, 17.33S;0.1±27.4E;0.1, h10km, n10,

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

IDC 28 22:50:38.9±3.0, 36.33N;70.56E, h174km,26km, mb3.4/8,
mb1.3/1.4, mb1mx3.1/57, mbtmp4.0/14, MS2.9/1,
Ms1 2.8/1, ms1mx2.2/37, Error ellipse: s-maj=24.2km

NNC 28 22:50:39.6±0.6, 36.33N;70.09E, h0km, mb4.3, mpv4.1,
Error ellipse: s-maj=49.7km s-min=35.8km az=164.0
NEIC 28 22:50:42.1±2.1, 36.51N;0.07;70.29E;0.04, h200km,6km,
mb4.1/9, Error ellipse: s-maj=9.9km s-min=5.2km
az=181.0

ISC 28 22:50:41.3±0.6, 36.49N;0.05;70.51E;0.07, h204km, n79,
a1566/86, mb3.7/8, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KBL, CHGR, GAR, CEP, etc.

NOU 28 22:52:01.41; 41.48S;177.56E, h0km, ML3.7/5, Off E.
Coast of N. Island, N.Z.

WEL 28 22:52:17.6±0.2, 41.15S;2.17E, h22km,2km, M2.9/38,
ML3.3/38, MLV2.9/38, Error ellipse: s-maj=0.0km
s-min=0.0km az=121.4, North Island

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PRWZ, TIWZ, BIWZ, etc.

28D 23h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details like JAYA, CEVE, SBLS, etc.

ADC 28 23:44:30.1, 2.0, 1.21N, 125.57E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.3/39, mbtmp3.6/3, Error ellipse: s-maj=205.6km s-min=25.6km az=64.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station details like WRA, ASAR, MKAR.

ADC 28 23:54:42.9, 0.9, 2.438N, 93.10E, h0km, mb3.6/7, mb1.3/8.8, mb1mx3.5/62, mbtmp3.6/8, ML1.4/1, MS3.4/2, Ms1.3/4.2, ms1mx2.7/46, Error ellipse: s-maj=28.7km s-min=17.4km az=65.0

NDI 28 23:54:46.2, 3.1, 2.418N, 93.12E, h10km, mb4.1, ML4.0, mb4.3(NEIC)

NEIC 28 23:54:49.7, 1.4, 2.410N, 03:92.8E, 0.1, h2km, mb3.9/9km, mb4.3/20, Error ellipse: s-maj=18.0km s-min=2.2km az=78.0

ISC 28 23:54:49.3, 1.1, 2.426N, 0.05:93.00E, 0.05, h46km, 12km, n42, c193/49, mb4.1/14, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station details like SHL, KOHI, BRDH, MOKO, JORH, ITANAG, etc.

2015 OCT

Table with columns: AKASG, Malin Array Be, Time, Res, and station details like WLN, ALB, WRA, WRB, ASAR, NOA, GERS, HNR.

ADC 28 23:57:03.8, 0.8, 5.6132N, 111.59E, h0km, mb3.8/16, mb1.4/0.20, mb1mx3.8/52, mbtmp3.8/20, ML3.2/4, MS3.2/11, Ms1.3/2.11, ms1mx3.0/50, Error ellipse: s-maj=19.2km s-min=11.5km az=137.0

MOS 28 23:57:03.4, 1.0, 5.6132N, 111.75E, h13km, mb4.4/4, Error ellipse: s-maj=9.9km s-min=5.5km az=78.5

MOS Felt (IV) at Novyy Uoyan; (III-IV) at Kumora. NEIC 28 23:57:05.3, 1.2, 5.6140N, 0.08:111.6E, 0.1, h10km, 1km, mb4.5/16, Error ellipse: s-maj=15.0km s-min=13.0km az=137.0

BYKL 28 23:57:05.1, 0.2, 5.6122N, 111.83E, h19km, 2km, FELT I=IV MSK at Novyy Uoyan, III-IV at Kumora

ISC 28 23:57:04.0, 1.0, 5.6340N, 0.02:111.78E, 0.02, h7km, 6km, n127, c266/196, mb4.1/27, MS3.1/6, 9C-5D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and station details like YOA, SVKR, UKT, NIZ, YLYR, BOD, NLYR, Suvo.

1236

Table with columns: SYVR, VITM, OGRG, CRCS, KELR, CIT, TRG, TUP, UUDB, FFNB, KAB, YKLR, HRMR, BGT, IRK, LSTR, IVK, KPC, TLY, and station details like Chita, Tyrgan, Tupik, Ulan-Yde, Fofonovo, Kabansk, Yuktali, Khuramsha, Bolshoye Golou, Irkutsk, Listvyanka, Ivanovka, Khapcheranga, Talaya.

29 Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like MARP Paez Belalcaza, URIC Uribia, GARC Garzon, PCON Cinco Dias, etc.

2015 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like S39A Bolivar, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, etc.

1238

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBAR Mbarara, EIL Elia, UOSS Minazif, WSAR Wadi Sarin, etc.

MOS 29:00:37.44.9.1.5, 42:37N.3:14E, h0km, mb4.4/12, Error
IDC 29:00:37.45.0.1.1, 42:38N.3:05E, h0km, mb3.7/5,
M1 3.9/11, m1mx3.6/5.9, mbmp3.8/11, ML4.4.0.6, MS3.2/4,
ms1 3.2/4, ms1mx2.7/5.2, Error ellipse: s-maj=28.5km
s-min=13.9km az=143.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPAL Palau Saverder, CPAL Palau Saverder, CPAL Palau Saverder, etc.

Table with columns: PCBR, comp=N, 14nm, 0.5s, Sn, Sn, 00 41 15.3 -5.3, etc. Lists various stations and their coordinates.

Table with columns: DPC Dobruska-Polom, 12.22, 44, ePn, Pn, 00 40 38.5 -1.9, etc. Lists stations in Dobruska-Polom and other regions.

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

LJU 29:00:39:44.2, 46:39N-15:07E, h0km, Confirmed Rockburz, Northwestwestern Balkan Peninsula

29d 1h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MTBS Matube, KRBS Karabastau, IZV Ivestkovy, TARG Taragay, etc.

NOU 29 01:12:21.1, 14:10S:167.06E, h145km, ML4.4/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SANVU Saraoutou, DVP Devils Point, etc.

NEIC 29 01:16:22.1±0.4, 56.0S:0.1±27.7W:0.2, h106km, 8km, mb4.0/10, Error ellipse: s-maj=22.1km s-min=13.1km az=46.0

ISC 29 01:16:27.4±9.3, 56.0S:27.45W, h152km, 83km, mb3.5/5, s-maj 3.6/5, mb1mx3.3/3.1, mbtmp3.9/5, Error ellipse: s-maj=40.1km s-min=19.9km az=52.0

ISC 29 01:16:21.4±0.7, 56.0S:0.1±27.8W:0.1, h100km, n22, c898/23, mb3.9/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

ANF 29 01:20:47.7±0.2, 35.87N:97.35W, h9km, ML4.0/19, Error ellipse: s-maj=2.8km s-min=2.4km az=140.0

2015 OCT

NEIC 29 01:20:47.5±0.7, 35.88N:0.01±97.36W:0.02, h8km, 7km, Error ellipse: s-maj=2.2km s-min=1.7km az=88.0

TUL 29 01:20:47.1±1.0, 35.86N:0.01±97.36W:0.03, h4km, 7km, ML3.5, mb_Lg3.4/94(NEIC), Error ellipse: s-maj=3.1km s-min=1.8km az=97.0

ISC 29 01:20:46.9±1.1, 35.90N:0.02±97.34W:0.03, h5km, 9km, n120, c898/122, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like OK005 Luther M Schoo, OK009 Oakdale Elemen, etc.

1242

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MGMO Mountain Grove, Z41A Richard Creek, etc.

NEIC 29 01:26:18.7±1.7, 10.35S:0.05±161.21E:0.09, h73km, 6km, mb4.5/31, Error ellipse: s-maj=12.3km s-min=6.4km az=81.0

ISC 29 01:26:19.4±2.2, 10.36S:161.18E, h83km, 18km, mb3.9/14, mb1.4/16, mb1mx4.0/3.0, mbtmp4.2/16, MS3.3/3, MS1.3/3, ms1mx2.9/20, Error ellipse: s-maj=23.2km s-min=14.3km az=92.0

ISC 29 01:26:20.6±0.4, 10.38S:0.06±161.17E:0.07, h100km, n62, c1942/66, mb4.3/29, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, SANVU Saraoutou, etc.

29d 2h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like Kuroka, Wacht, Changchun, etc.

2015 OCT

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like WDC, WDC, WDC, etc.

1246

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like TIN, SMMC, H17A, etc.

Table with columns: Call Sign, Name, Az, El, P, S, R, T, U, V, W, X, Y, Z, and other parameters. Includes entries like K22A Casper, NEE2 Needles Airpor, SPITS Spitzbergen Ar, etc.

Table with columns: Call Sign, Name, Az, El, P, S, R, T, U, V, W, X, Y, Z, and other parameters. Includes entries like SUMG Summit, OGNE Ogallala, SDCO Great Sand Dun, etc.

Table with columns: Call Sign, Name, Az, El, P, S, R, T, U, V, W, X, Y, Z, and other parameters. Includes entries like WMQ comp=Z,190nm,4.5s, I40A Norwalk, U32A Winter Ranch, etc.

29d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like UZB Uzynbulak, SIUC Southern Hill, WHAR Woolly Hollow, etc.

2015 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like T50A Zacatecas, ZAIG ZAIG, LSA Lhasa, etc.

1248

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like X51A Cathoun, W52A UPP, U54A Nelsons Funny, etc.

29d 4h

Table with columns: QSPA, South Pole Qui, 141.57 180, PKHKP, PKPpre, 03 08 41.1, etc. Includes various station codes and coordinates.

IDC 29 02:49:50.0, 1.1, 37.98N, 21.10E, h0km, mb3.77, mb1 3.6/13, mb1mx3.5/59, mbtmp3.5/13, ML3.1/6, MS2.2/1, MS1 2.2/1, ms1mx1.9/47 Error ellipse: s-maj=12.9km

ATH 29 02:49:52.2, 37.73N, 21.15E, h16km, 1km, ML3.7/6, Error ellipse: s-maj=15.5km s-min=0.8km az=186.0

THE 29 02:49:52.5, 37.80N, 21.15E, h0km, 2km, ML3.7/8, Error ellipse: s-maj=2.7km s-min=0.6km az=35.0

ISC 29 02:49:52.4, 0.37, 87.81N, 0.02, 21.15E, 0.02, h18km, 4km, n88, c107/107, mb3.87, Southern Greece

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like VTN, ZAK2, LTHK, etc.

2015 OCT

Table with columns: LKR, Lokris, 1.68 60, P, Pb, 02 50 23.3 +0.6, etc. Lists stations like IGT, THL, VLY, etc.

JMA 29 02:55:06.4, 0.1, 37.61N, 141.30E, h28km, 2km, M3.9, 2C-3D, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like JMST, JIKH, JIKF, etc.

NIED 29 02:56:26.7, 36.08N, 136.12E, h10km, MW3.6, Moment Tensor solution: s3 Moment tensor: Scale 10^14Nm

JMA 29 02:56:26.6, 36.08N, 136.12E, h10km, M3.5, 1C-4D Broadband fault plane solution: P waves, NP1:

west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like JKG, JFM, JYTA, etc.

MOS 29 03:10:24.1, 0.0, 42.40N, 45.61E, h17km, MPVA3.3 NORS 29 03:10:24.8, 0.0, 42.33N, 45.54E, h8km, MPVA3.2

ISC 29 03:10:24.7, 1.1, 42.40N, 0.02, 45.58E, 0.02, h8km, 10km, n41, c1966/79, Eastern Caucasus

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like BTLR, DVE, LGD, etc.

1250

Table with columns: GNSR, 37m, 0.2s, i/Sg, Sn, 03 10 60.0 -0.1, etc. Lists stations like DDFL, DDFL, LACR, etc.

NEIC 29 03:19:22.5, 1.0, 31.75S, 0.03, 71.75W, 0.10, h31km, 7km, mb4.2/3, ML3.6(GUC), Error ellipse: s-maj=12.0km

GUC 29 03:19:23.2, 0.7, 31.84S, 0.71, 71.66W, h56km, 13km, ML3.6 ISC 29 03:19:22.4, 1.3, 31.76S, 0.03, 71.76W, 0.08, h39km, 7km, n36, c057/45, 3C-3D, Near coast of central Chile

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like VA06, CO06, VA01, etc.

1251

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2015 OCT

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

29d 4h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

29d 5h

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time Res, ISC. Includes stations like Windy Ridge, Mount Saint He, East Dome, etc.

2015 OCT

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time Res, ISC. Includes stations like Beverly, Jim Creek, Jim Creek, etc.

1252

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time Res, ISC. Includes stations like Texada, Beach Ranch, etc.

NNC 29:05:58.56:5.2, 1.36:82N:70:27E, h169km, 44km, mb2.6, mp3.5, 4C-1D, Error ellipse: s-maj=23.3km

s-min=12.7km, Az=26.0, Hindu Kush region

MAN 29:05:14:52.4, 5:11N:126:59E, h75km, mb4.9, ML3.8, MS3.8, IDC 29:05:14:54.3, 2.0, 5:50N:126:88E, h88km, 18km, mb3.8/14, mb1 4.0/17, mb1mx3.8/46, mbtmp4.2/17, MS3.1/6, Ms1 3.1/6, ms1mx2.9/40, Error ellipse: s-maj=32.1km

s-min=1.1, 2km az=68.0, DJA 29:05:14:54.7, 0.5, 5:14N:127:7E, h95km, 5km, ML4.7/13, mb5.1/8, mb4.5/13, ML4.8/11, MW(mb)4.5/6

NEIC 29:05:14:56.1, 1.6, 5:40N:0:08, h126.6E:0.2, h93km, 8km, mb4.4/19, Error ellipse: s-maj=24.3km s-min=9.2km

ISC 29:05:14:56.1, 0.5, 5:35N:0:05, 126:75E:0.09, h100km, n72, 162/78, mb4.3/23, 4C-2D, Mindawao

Table with columns: Code, Station Name, Az, El, Az2, El2, Phase ID, Time Res, ISC. Includes stations like Sangihe, Davao City, etc.

ASAR Alice Springs 50.81 252 P P 06 30 23.7 +0.1

VAO 29 06:34:47.7-0.6, 34.635x71.79W, h40km, mb4.4

GUC 29 06:34:47.9-0.8, 34.705x71.84W, h42km, mb4.0

NEIC 29 06:34:48.3-1.3, 34.689x71.82W, h47km, mb4.0

NEIC 29 06:34:48.5-1.4, 34.685x71.83W, h41km, Moment Tensor

ISC 29 06:34:47.7-0.8, 34.705x71.83W, h45km, mb4.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

SKHL 29 06:36:46.6-0.4, 50.10N, 143.00E, h10km, mb4.8/8

Mos 1.3/4.2, ms1mx2.7/38, Error ellipse: s-maj=25.4km

MOS 29 06:36:47.5-3.1, 50.10N, 142.94E, h12km, mb4.1/1, Error

ISC 29 06:36:48.8-0.6, 50.13N, 142.73E, h10km, mb4.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 2015 OCT period.

NIED 29 07:11:16.3-0.1, 30.53N, 130.30E, h110km, MW3.8, Moment

JZO Okuchi 1.62 9 P Pn 07 11 45.2 +0.5

JTJAJ Takarajima 1.67 25 P Pn 07 11 45.3 +0.1

MAT Matsushiro 8.61 46 P Pn 07 13 24.0 +1.9

UCR 29 07:49:05.6±1.5, 10.75N, 85.18W, h11km, MW3.6, 3C-9D,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Costa Rica.

IDC 29 07:59:02.8±2.5, 9.79N, 123.48E, h0km, mb3.8/4

MAN 29 07:59:07.0, 9.34N, 122.23E, h16km, mb4.8, ML3.7, MS3.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Costa Rica (continued).

IDC 29 08:00:57.9±2.7, 6.68S, 129.95E, h146km, mb3.5/1,

ASAR Alice Springs 34.71 161 P Pn 08 05 55.2 -0.1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Banda Sea.

IDC 29 08:12:25.6±0.4, 24.71S, 154.64E, h0km, mb1.3/3/2,

ISC 29 08:12:33.9±2.4, 26.7S, 150.1x153.4±0.2, h10km, n6,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Australia.

DDA 29 08:40:41.3, 35.15N, 126.39E, h6km, mb4.4km, ML2.6

ISC 29 08:40:45.2, 35.19N, 127.14E, h6km, ML2.9/3k

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Dodecanese Island.

29d 10h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like NJ2, KLR, MATP, etc.

IDC 29 09:50:49.0,2.0, 1.63N,67.05E,h0km,mb3.9/5,mb1 4.1/5, mb1mx3.6/75,mbtmp3.9/5,MS3.1/1,MS1 3.1/1, ms1mx2.7/51 Error ellipse: s-maj=74.6km s-min=-27.6km

ISC 29 09:50:50.7,2.2, 1.6N,67.0E,0.5,h13km,n10,0#62/6, mb4.0/5, Carlsberg Ridge

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

IDC 29 09:51:01.9,1.9,20.88S,179.20W,h0km,mb4.1/5, mb1 4.3/5,mb1mx3.8/40,mbtmp4.1/5,Error ellipse: s-maj=144.2km s-min=31.3km az=159.0,Fiji Islands region

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

KLM 29 10:20:27.8,8:05S,109:81E,h47km,mb4.9, DJA 29 10:20:27.5,0.2,9'S,3.1'11'OE, h51km,4km,M4,9/35, mb5.4/20,mb5.0/35,MLV5.2/30,Mv(mB)4.8/20

IDC 29 10:20:28.0,1.7,8:31S,109.90E,h78km,mb3.8/3, mb1 4.4/36,mb1mx3.4/52,mbtmp4.6/36,MS3.6/19, ms1 3.6/19,ms1mx3.4/45,Error ellipse: s-maj=11.1km s-min=9.3km az=55.0

NEIC 29 10:20:29.0,2.7,8:56S,0:05,109:78E,0:05,h75km,5km, mb4.7/40,Error ellipse: s-maj=8.9km s-min=4.2km az=135.0

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

2015 OCT

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

1258

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CMAR, CHIANG MAL ARR, etc.

Table with columns: APLL, comp=, CERRO LA CRUZ, 5.00 64 eP Pn, 11 35 50.3 +4.5, 11 36 53.3 -5.3, 11 37 02.2. Includes stations like Maricunga, Juan Fernandez, and various LVC/LV stations.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Catapilco, Torpederas, El Pedregal, Curacav, and various LVC/LV stations.

Table with columns: ARGC, ANIL, SJCJ, PLMC, LCBC, GUVV, YUTC, MARP, TXAR, ULM, PDAR, WRA, BER, JMW, JNE, JMC, JMI, DBG, DAG, NNC, KK31, AAK, TKM2, ILAR, AFI, MSVF, URZ, WRA, ASAR, ILAR, KMA, KSGIC, OKCB, KSJEO, HAMB, KSBON, KSJEU. Includes stations like Ariguani, Santa Ana, San Jacinto, San Jose del P, Los crdoabas, San Jose del G, Punta Arditia, Macarena, Meta, Uribia, Garzon, Hulla, Cincos Dias, Popayan, Colima, Biobiano, Balboa, Cauca, Puerto La Cruz, Lajitas Array, Lac du Bonnet, Pinedale Array, Warramunga Arr, Jan Mayen Island region, Karatay Array, Al-Archa, Tokmak 2, Afiamalu, Novasvu, Urewera, Alice Springs, Elision Array, Afiamalu, Novasvu, Urewera, Alice Springs, Elision Array, Afiamalu, Novasvu, Urewera, Alice Springs, Elision Array.

IDC 29 13:17:53.0z.1.2.5.94S.151.11E.h0km.mb4.0/6, mb1 4.3/6, mb1mx3.8/32, mbtmp4.0/6, MS3.4/1, Ms1 3.3/1, ms1mx2.7/35, Error ellipse: s-maj=50.9km s-min=-25.2km az=123.0

ISC 29 13:17:59.3z.3.6.0S.0.2.151.0E.0.3,h43km,n7,c0839/7, mb3.9/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Streak Creek, FITZ Fitzroy Crossi, VNSA Vanda, ILAR Eielson Array, TORD Torodi A Bea.

IDC 29 13:31:46.8z.8.8, 12.26Nk124.04E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/25, mbtmp3.5/2, MS3.4/3, Ms1 3.4/3, ms1mx2.9/41, Error ellipse: s-maj=302.9km s-min=-29.7km az=45.0

MAN 29 13:31:49.9z.12.17Nk123.92E, h18km, mb4.7, ML3.6, MS3.6

ISC 29 13:31:50.1z.3.12.14N.0.0.4.123.86E.0.07, h15km, 18km, n16, c0972/0, mb3.5/3, MS3.1/3, 3C-7D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MMHP Masbate, RCP Roxas, LLP Lapu-Lapu, MSLP Maasin, GGP Guinayangan, JOP San Jose, Anti, JCNP Jose Panganiba, JCNP Jose Panganiba, TBP Tagbilaran, LOP Lukban, BATI Baumata, LEM Lembang, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, HNR Honiara.

NNC 29 13:56:17.1z.4.4, 36.99N.70.40E, h0km, mb3.8, mpv3.4, 1C-2D, Error ellipse: s-maj=43.1km s-min=-33.9km az=76.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KK31 Karatay Array, AAK Ala-Archa, TKM2 Tokmak 2.

RSNC 29 14:05:02.0z.0.9, 6.82N.73.12W, h151km, 3km, ML3.1, Mw3.5, 3C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BARC Barichara, BRRC Barranca, PAMC Pamplona, RUSC La Rusia, TAMC Tame, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, NORC Norcasia, SMLC San Martin de, CHIC Chingaza, ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, GUY2C Guyana, VILC Villavicencio, PTGC Puerto Gaitan, CBOC Ciudad Bolivar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MOTA Monteria, SDV Santo Domingo, ARGG Ariguani, ANIL Santa Ana, SJCC San Jacinto, PLMC San Jos del P, YOTC Yotoco Valle, SMRC Santa Marta, MACC Macarena, MACC Macarena, MACC Macarena.

IDC 29 14:08:52.8z.1.0.30.68S.71.45W, h0km, mb4.4/5, mb1 4.1/10, mb1mx4.0/26, mbtmp4.0/10, ML3.6, MS3.1/5, Ms1 3.1/5, ms1mx3.0/17, Error ellipse: s-maj=33.0km s-min=-21.4km az=104.0

SJA 29 14:08:55.0z.30.55S.71.97W, h10km, ML4.4

NEIC 29 14:08:57.3z.3.1.30.60S.0.05.71.77W.0.04, h35km, 2km, Error ellipse: s-maj=8.4km s-min=5.7km az=344.0

GUC 29 14:08:57.3z.0.8.30.62S.71.64W, h43km, 2km, ML4.3

ISC 29 14:08:56.9z.0.9.30.60S.0.03.71.66W.0.05, h33km, 3km, n95, c1988/98, mb4.3/7, 9C, Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CO06 Fray Jorge, CO05 La Serena, G004 Tololo Observa, LCO Las Campanas, ACDV Cuesta del Vie, RTLS Cerro Coronel, VA03 San Esteban, VA03 San Esteban, VA03 San Esteban, VA01 Torpederas, ROCH El Roble, PEL Peidehue, MTE2 Peidehue, MT02 Curacav, MT02 Curacav, ZON Zonda, MT05 Renca, RTVC Cerro Valdivia, AGUA GUANDACOL, ASIA Salagasta, MT09 Talagante, ARCO CERRO ARCO, G003 Copiap, G003 Copiap, MT01 Popeta, AAGR Agreto, LMEL Las Melesias, VCA Vinchina, BO01 Tunca, AACL CERRO LA CRUZ, BO02 Sierra Bellavi, AACHE Chapes, AC02 Maricunga, G005 Huala, G005 Huala, APLL PUNTA DE LOS L, RFA San Rafael, BP14 IPOC Station P, FSA Cafayete, AHML Horco Molle, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, VA04 Juan Fernandez, BP15 IPOC Station P, LVC1 Curco, LVC1 Limon Verde, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquinst, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, SIV San Ignacio, SPB Sao Paulo, BDFB Brasilia, VNA3 Neumayer Olymp, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA4 Sanae, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include QSPA, TXAR Lajitas Array, DBIC Dimbokro, MAW Mawson, MVAR Mina Array Bea, BOSA Boshof, TORD Torodi Arr Bea, BRTR Keskin Array B, H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, ZALV Zalesovo Beam.

IDC 29 14:27:55.0z.0.9, 1.07N.102.61W, h0km, mb4.3/11, mb1 4.5/12, mb1mx4.3/26, mbtmp4.2/12, ML3.2/1, MS4.1/13, Ms1 4.1/13, ms1mx4.0/17, Error ellipse: s-maj=37.4km s-min=14.0km az=54.0

NEIC 29 14:27:59.1z.1.3.14N.0.1z.102.2W.0.1, h10km, 2km, mb4.6/30, Error ellipse: s-maj=25.5km s-min=19.4km az=242.0

GCMT 29 14:27:59.1z.0.3.1.31N.0.0z.102.25W.0.02, h12km, 2km, MV4.9/33, Moment Tensor Solution, s10.c11; s83.c108; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-0.76z.12; Mw-1.33z.08; Ms-2.10z.12; M-0.23z.26; Mw-1.27z.08; Mw-1.47z.39; Best double couple: M-2.59400x10^16 Np1z=243.00000; s2z=0.00000; A-1.0.00000; NP2z=0.359.0000; s82z=0.00000; A-1.1.00000; Principal axes: Az=2.9970; Azp=105.0000; Azm=105.0000; W-0.7900; P1g51.0000; Azm349.0000; P-2.1900; P1g32.0000; Azm209.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 14:27:57.6z.0.7.1.30N.0.09.102.3W.0.1, h10km, n82, c1925/65, mb4.5/21, MS4.1/14, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TLIG Tiapa, CMIG Matias Romero, CCIG Comitan, MT03 Montecristo, CRIN San Cristobal, H06E1 SOCORRO T-PHASE 9.33, JTS Las Juntas de, TGUH Tegucigalpa, ACON Acopya, RIMA Rio Macho, ZAIG Zacatecas, OTAV Otavalo, OTAV Otavalo, ATAH Atahualpa, MOTE Monteria, TX32 Lajitas Array, TXAR Lajitas Array, ROSC El Rosal, RPN Rapa Nui, RUSC La Rusia, CZSB Cruzeiro do Su, SDV Santo Domingo, TBGT Tabatinga, ETMB Etmba, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ Sharon Grove, PB11 IPOC Station P, PB01 IPOC Station P, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, NVAR Mina Array Bea, SAML Samuel, SAML Samuel, LVC Limon Verde, PNTR Pine Nut, H03N2 Juan Fernandez, H03N3 Juan Fernandez, Q52A Bidwell, BOAV Boa Vista, BW06 Boulder Array, PD31 Pinedale Array, SALV Pinedale Array, MACA Manacapuru-AM, VILB Vilhena, YBLA Yonke Blue Hour, SALV Santa Elena, ITTB Itaituba, NPGS Novo Progresso, CLDB Colider, MALB Monte Alegre, SALV Santo Antonio, PPT Papeete, PPT2 Papeete2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, BATI Baumata, BATI Baumatua, etc.

29 16:20:08.3, 0.7, 25.659S, 29.94E, h0km, 17km, MD3.8, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA Mopani, MSNA Messina, BOSB Boshof, etc.

NEIC 29 16:20:12.3, 31.825S, 72.38W, h16km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm, Mr: 7.24; Mw: 0.56; Mv: -7.83; Mn: 0.96; Mtt: 0.20; Mtr: 3.54; Fault plane solution: Ms: 4.0000-1.014 / P1: 1.70, 53000; S: 3.33, 00000; T: 1.76, 27000; N: 1.92, 98000; P: 1.98, 45000; Principal axes: T: 8.1626, Plg: 7.0000; Azm: 301.0000; N: 0.4573, Plg: 7.0000; Azm: 182.0000; P: -8.6200, Plg: 13.0000; Azm: 90.0000

NEIC 29 16:20:13.4, 2.4, 31.825S, 0.044E, h10km, 11km Error ellipse: s-maj=8.6km s-min=7.0km az=241.0

NEIC 29 16:20:13.1, 3.1, 31.845S, 72.27W, h0km, mb4.0/3, mb1 3.9/8, mb1mx3/8/29, mbtrp3/7/8, ML3.8/5, MS3.3/3, Ms1 3.3/3, ms1mx3/0/31, Error ellipse: s-maj=38.7km s-min=29.0km az=102.0

GUC 29 16:20:15.2, 0.6, 31.855S, 72.16W, h20km, ML3.8 ISC 29 16:20:13.2, 1.9, 31.833S, 0.044E, h4km, 11km, n69, c14170, mb4.3/3, Cf, Off coast of central Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA06 Catapilco, VA06 Fray Jorge, VA06 Fray Jorge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP, LPAZ, SIV, BDFB, RPN, VNAZ, SNAZ, SNAZ, SNAZ, etc.

IDC 29 16:21:21.2, 2.4, 30.61N, 139.90E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3/3/40, mbmt3/2/5, ML2.3/1, Error ellipse: s-maj=71.3km s-min=26.3km az=72.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Matsushiro Arr, MJAR Chiang Mai Arr, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 29 16:26:45.2, 3.2, 25.05S, 0.1, 179.6E, 0.1, h500km, 7km, mb4.7/8, Error ellipse: s-maj=16.9km s-min=14.9km az=81.0

IDC 29 16:26:47.9, 1.2, 2.4, 866S, 179.45E, h529km, 13km, mb3.2/14, mb1 3.4/16, mb1mx3/3/32, mbmlp4, 1/16, Error ellipse: s-maj=15.7km s-min=13.6km az=132.0

ISC 29 16:26:48.0, 0.5, 25.045S, 0.06, 179.66E, 0.08, h550km, n129, c1974/138, mb4.4/35, South of Fiji Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLZ Mavora Lakes, DCZ Deep Cove, WHZ Wether Hill Ro, CAN Canberra, etc.

IDC 29 16:32:44.8, 2.2, 5.93S, 151.73E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3/4/40, mbmt3/6/4, MS3.6/1, Ms1 3.6/1, ms1mx2/6/39, Error ellipse: s-maj=128.2km s-min=5.4km az=16.0

NEIC 29 16:47:40.2, 2.1, 41.86N, 0.04, 119.59W, 0.01, h2km, 5km, Error ellipse: s-maj=5.5km s-min=1.3km az=175.0

REN 29 16:47:40.2, 2.5, 41.90N, 0.03, 119.60W, 0.05, h8km, 4km, ML3.9/5, ML3.8/136(NEIC), Mw: 9.948(NEIC), Error ellipse: s-maj=8.8km s-min=3.1km s-az=54.4

NEIC 29 16:47:40.6, 41.87N, 119.60W, h5km, Moment Tensor

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

JPK	Jack Peak	1.03 158	Pn	17 00 32.1 -0.4
VMT	TAPS TI Valdez	1.05 152	Pn	17 00 32.1 -0.6
HAARP	HAARP	1.12 69	P	17 00 33.9 +0.2
HARP	HAARP	1.12 69	P	17 00 34.1 +0.4
HARP	baz=250		S	17 00 49.0 +1.1
GLI	Glacier Island	1.15 173	Pn	17 00 34.8 +0.8
GLI	Glacier Island	1.15 173	IAML	17 00 34.8 +0.8
GLI	comp=N,4um,0.4s		IAML	17 00 54.5
GLI	comp=E,3um,0.3s		Pn	17 00 34.7 +0.8
GLI	Glacier Island	1.15 173	P	17 00 33.9 -0.6
DIV	Divide	1.18 138	Pn	17 00 50.0 +0.6
DIV	Divide	1.18 138	Pn	17 00 34.5 -0.3
PS12	TAPS Pump St12	1.20 116	Pn	17 00 36.6 +1.3
PWL	Port Wells	1.24 202	IAML	17 00 55.6
PWL	Port Wells	1.24 202	IAML	17 00 55.7
PWL	comp=N,3um,0.4s		IAML	17 00 36.7 +1.4
PWL	comp=E,2um,0.5s		Pn	17 00 37.8 +1.5
PWL	Port Wells	1.24 202	P	17 00 37.7 +1.5
M22K	Willow	1.31 260	Pn	17 00 56.2 +1.2
M22K	Willow	1.31 260	P	17 00 36.5 +0.1
M22K	baz=77, SNR=95		Sb	17 00 53.4 +0.6
M22K	baz=77		Sb	17 00 36.6 +0.1
PAX	Paxson	1.31 42	Pn	17 00 53.5 +0.6
PAX	Paxson	1.31 42	P	17 00 37.5 +0.1
PAX	comp=N,223,SNR=204		S	17 00 56.7 +2.0
FID	Port Fidalgo	1.34 160	Pn	17 00 40.2 +2.0
FID	Port Fidalgo	1.34 160	Pn	17 01 00.3
N25K	Chitina, Valde	1.39 106	Pn	17 00 40.2 +2.0
N25K	Chitina, Valde	1.39 106	IAML	17 01 00.5 +1.6
N25K	comp=E,2um,0.7s		Pn	17 00 40.5 +0.8
N25K	Chitina, Valde	1.39 106	Pn	17 01 03.3
CUT	Chullina	1.40 288	Pn	17 01 05.0
CUT	Chullina	1.40 288	P	17 00 42.1 +1.0
CUT	baz=105		S	17 01 05.3 +0.2
RC01	Rabbit Creek A	1.45 231	IAML	17 00 42.1 +1.0
RC01	Rabbit Creek A	1.45 231	IAML	17 01 06.0 +0.9
RC01	comp=N,2um,0.6s		IAML	17 01 08.9
RC01	Rabbit Creek A	1.45 231	Pn	17 00 43.2 +1.7
RC01	baz=50, SNR=55		Sb	17 01 08.9
RND	Reindeer	1.55 335	Pn	17 00 43.0 +1.5
RND	Reindeer	1.55 335	IAML	17 01 06.8 +1.2
RND	comp=N,1um,0.5s		IAML	17 00 42.1 +0.4
EYAK	Cordova Ski Ar	1.67 151	Pn	17 00 42.2 +0.5
EYAK	Cordova Ski Ar	1.67 151	P	17 00 42.2 +0.5
EYAK	baz=310, SNR=141		Sb	17 00 43.8 +0.8
HIN	Hinchinbrook I	1.68 165	Pn	17 01 06.6 +1.8
HIN	Hinchinbrook I	1.68 165	IAML	17 01 09.4
HIN	comp=E,1um,0.5s		Pn	17 00 45.2 +1.4
SUA	Susitna One	1.68 252	IAML	17 01 11.6
SUA	Susitna One	1.68 252	IAML	17 01 11.8
SUA	comp=N,942nm,0.6s		Pn	17 01 11.8
SUA	Susitna One	1.68 252	P	17 00 45.3 +1.4
SUA	baz=70, SNR=78		Sb	17 01 08.2 +1.9
BMRM	Bremner River	1.70 127	Pn	17 00 45.6 +1.3
BMRM	Bremner River	1.70 127	P	17 00 46.1 +1.2
BMRM	baz=310, SNR=141		Pn	17 01 11.1 +3.2
GLB	Gilahina Butte	1.80 107	Pn	17 00 45.9 +0.8
GLB	Gilahina Butte	1.80 107	IAML	17 01 25.9
GLB	comp=E,2um,0.3s		Pn	17 01 26.5
MCK	McKinley	1.86 339	IAML	17 01 26.5
MCK	McKinley	1.86 339	IAML	17 00 46.8 +1.8
MCK	comp=N,1um,0.4s		IAML	17 01 15.0
MCK	McKinley	1.86 339	Pn	17 01 22.6
MCK	baz=156, SNR=491		S	17 00 46.9 +1.9
O22K	Cooper Landing	1.90 217	Pn	17 00 46.3 +0.9
GOAT	Goat Mountain	1.93 137	Pn	17 01 12.8 -0.9
GOAT	Goat Mountain	1.93 137	Pn	17 01 21.2
MENT	Mentasta	1.95 60	IAML	17 01 21.7
MENT	Mentasta	1.95 60	IAML	17 00 46.4 +0.9
MENT	comp=E,2um,0.6s		IAML	17 00 47.5 +1.3
SKT	Skwentna	1.95 271	IAML	17 00 47.7 +0.7
SKT	Skwentna	1.95 271	IAML	17 01 19.8
SKT	comp=N,1um,0.9s		IAML	17 01 20.3
SKT	Skwentna	1.95 271	Pn	17 00 48.8 +1.8
SKT	Skwentna	1.95 271	Pn	17 00 48.9 +1.8
SKT	comp=N,1um,0.3s		IAML	17 00 48.8 +1.8
SKT	Skwentna	1.95 271	P	17 00 48.1 +0.9
SKT	Skwentna	1.95 271	Pn	17 01 14.8 +2.7
SKT	baz=87, SNR=129		Pn	17 00 49.5 +1.8
TRF	Thorofore Moun	1.96 319	IAML	17 01 35.5
TRF	Thorofore Moun	1.96 319	IAML	17 00 49.2 +1.5
TRF	comp=N,800nm,0.6s		Pn	17 00 50.1 +2.3
TRF	Thorofore Moun	1.96 319	Pn	17 00 50.2 +2.4
TRF	baz=135, SNR=192		Pn	17 00 50.5 +2.3
SLKM	Skliak Lake	2.03 223	Pn	17 00 48.0 +0.9
VRDI	Verde Repeater	2.04 111	IAML	17 01 15.0 +2.8
VRDI	Verde Repeater	2.04 111	IAML	17 00 48.1 +0.9
VRDI	comp=N,1um,0.9s		IAML	17 00 48.1 +0.9
VRDI	Verde Repeater	2.04 111	IAML	17 01 14.8 +2.7
RIDG	Indepndent Ri	2.09 33	Pn	17 00 49.5 +1.8
RIDG	Indepndent Ri	2.09 33	P	17 00 48.8 +1.8
RIDG	baz=215, SNR=103		Pn	17 00 48.9 +1.8
RAGM	Ragged Mountai	2.10 140	Pn	17 00 48.8 +1.2
M26K	Nabesna, AK	2.10 77	Pn	17 00 48.0 +0.9
M26K	Nabesna, AK	2.10 77	P	17 01 15.0 +2.8
M26K	baz=261, SNR=62		S	17 00 48.1 +0.9
M26K	Log Cabin Wild	2.14 60	Pn	17 00 48.1 +0.9
L26K	Log Cabin Wild	2.14 60	IAML	17 01 14.8 +2.7
L26K	Log Cabin Wild	2.14 60	Pn	17 00 49.5 +1.8
L26K	comp=E,562nm,0.5s		IAML	17 01 35.5
SEW	Seward	2.16 60	P	17 00 49.2 +1.5
SEW	Seward	2.16 208	Pn	17 00 50.1 +2.3
SEW	Seward	2.16 208	Pn	17 00 50.2 +2.4
STLK	Strandline Lak	2.17 258	Pn	17 00 50.5 +2.3
MCARA	McCarthy VSAT	2.18 105	Pn	17 00 48.0 +0.9
MCARA	McCarthy VSAT	2.18 105	Pn	17 01 15.0 +2.8
MCARA	McCarthy VSAT	2.18 105	Pn	17 01 17.9 +3.9
KTH	Kantishna Hill	2.24 315	IAML	17 00 49.7 +1.4
KTH	Kantishna Hill	2.24 315	IAML	17 00 50.5 +1.4
KTH	comp=N,627nm,0.7s		IAML	17 01 23.7
KTH	Kantishna Hill	2.24 315	IAML	17 01 30.2
DOT	Dot Lake	2.25 42	Pn	17 01 20.3
DOT	Dot Lake	2.25 42	Pn	17 00 50.7 +1.6
HMT	Hamilton	2.27 136	Pn	17 01 19.3 +3.4
SPCG	Spurr Capps Gl	2.32 254	Pn	17 00 52.0 +2.6
SPCG	Spurr Capps Gl	2.32 254	Pn	17 00 52.4 +2.1
BWN	Browne	2.36 338	IAML	17 01 21.7 +4.1
BWN	Browne	2.36 338	IAML	17 00 51.6 +0.9
BWN	comp=N,956nm,0.6s		IAML	17 01 35.6
BWN	Browne	2.36 338	IAML	17 01 43.6
SPU	Mount Spurr	2.38 252	Pn	17 00 53.1 +2.2
SPC	Crater Peak Br	2.39 254	Pn	17 00 49.6 +1.4
PPLA	Purkeypile	2.40 294	Pn	17 00 53.5 +2.2

PPLA	Purkeypile	2.40 294	P	17 00 53.1 +1.8
CRQM	Cr Cirque	2.41 120	Pn	17 00 52.5 +1.0
HDA	Harding Lake	2.42 5	Pn	17 00 53.2 +1.8
HDA	Harding Lake	2.42 5	P	17 00 53.2 +1.8
SPCN	Chakachata No	2.42 253	Pn	17 00 54.2 +2.7
BERG	Berg Lake	2.42 131	Pn	17 00 52.5 +1.0
CRQE	Cr Cirque	2.43 119	Pn	17 00 52.2 +0.4
SPCR	Spurr Chakacha	2.44 253	Pn	17 00 53.7 +1.8
SPCR	Spurr Chakacha	2.44 253	Pn	17 00 53.6 +1.8
NICHA	Nichawak Mount	2.44 135	Pn	17 00 53.8 +2.0
SPB	Spurr Blockage	2.49 255	Pn	17 00 54.5 +2.0
WRH	Wood River Hill	2.49 353	Pn	17 00 53.5 +1.1
WRH	Wood River Hill	2.49 353	IAML	17 01 35.8
PTPK	Patty Peak	2.50 107	Pn	17 00 54.0 +1.2
SCRK	Sand Creek	2.51 37	Pn	17 00 53.8 +0.9
SCRK	Sand Creek	2.51 37	P	17 00 53.8 +0.9
TGL	Tana Glacier	2.54 118	Pn	17 00 53.8 +0.6
KAIM	Kayak Island	2.55 144	Pn	17 00 54.5 +1.3
KAIM	Kayak Island	2.55 144	IAML	17 01 40.5
KAIM	comp=N,520nm,1.2s		IAML	17 01 50.8
KAIM	Kayak Island	2.55 144	P	17 00 54.0 +0.8
KAIM	Kayak Island	2.55 144	Pn	17 00 54.1 +0.7
KHIT	Khitrov Hills	2.55 126	Pn	17 00 55.3 +2.0
PS08	TAPS Pump Str8	2.55 6	Pn	17 00 55.4 +1.7
CAST	Castle Rocks	2.58 305	Pn	17 00 55.3 +1.6
CAST	Castle Rocks	2.58 305	P	17 00 54.9 +0.7
BALM	Baldy	2.61 110	Pn	17 00 56.0 +1.7
M27K	Edge Creek, AK	2.61 80	P	17 00 56.1 +1.7
M27K	Edge Creek, AK	2.61 80	P	17 00 56.4 +2.1
SUCK	Suckling Hills	2.63 136	IAML	17 01 36.0
SUCK	Suckling Hills	2.63 136	IAML	17 00 56.4 +2.1
GRIN	Grindle Hills	2.63 129	Pn	17 00 56.5 +0.6
CCB	Clear Creek Bu	2.65 356	IAML	17 00 57.5 +1.0
CCB	Clear Creek Bu	2.65 356	IAML	17 01 29.9
KIAG	Kiagna River	2.66 112	Pn	17 00 55.5 +0.6
BPWA	Bear Paw Mtn.	2.66 324	IAML	17 00 55.6 +0.9
BPWA	Bear Paw Mtn.	2.66 324	IAML	17 01 40.3
BPWA	comp=N,547nm,1.1s		IAML	17 01 41.3
BPWA	Bear Paw Mtn.	2.66 324	P	17 00 55.6 +0.9
NEA2	Nenana	2.70 345	IAML	17 00 55.7 +0.4
NEA2	Nenana	2.70 345	IAML	17 01 41.1
NEA2	Nenana	2.70 345	P	17 00 55.8 +0.4
WAX	Waxell Ridge	2.70 123	Pn	17 00 56.5 +1.1
J25K	Salcha River	2.77 18	Pn	17 00 57.3 +0.9
J25K	Salcha River	2.77 18	P	17 00 57.3 +0.9
IL31	Ilar	2.78 5	Pn	17 00 57.5 +1.1
ILAR	Eielson Array	2.78 5	P	17 00 58.0 +1.5
ILAR	comp=N,47nm,0.3s, baz=186, slow=14, SNR=1735		S	17 01 30.7 +1.9
ILAR	Eielson Array	2.78 5	LR	17 02 12.7
ILAR	comp=N,148nm,20.4s, baz=204, slow=42		LR	17 00 57.4 +0.9
ILAR	Eielson Array	2.78 5	Pn	17 00 57.5 +0.9
L27K	Beaver Creek	2.79 65	P	17 00 57.5 +0.9
L27K	Beaver Creek	2.79 65	P	17 00 58.6 +1.8
BRSE	Bradley Lake S	2.80 217	P	17 00 58.6 +1.8
BRSE	Bradley Lake S	2.80 217	P	17 00 57.9 +1.1
BC03	Beaver Creek A	2.81 65	Pn	17 00 57.5 +0.6
ISLE	Juniper Island	2.82 118	Pn	17 00 58.1 +0.9
BRLK	Bradley Lake	2.83 219	Pn	17 00 59.0 +1.9
BARK	Barkley Ridge	2.87 122	Pn	17 00 58.8 +1.0
SNH	Sunshine Point	2.88 128	IAML	17 00 59.8 +1.7
SNH	Sunshine Point	2.88 128	IAML	17 01 48.4
COLA	College	2.88 356	Pn	17 00 59.4 +1.6
COLA	College	2.88 356	P	17 00 59.3 +1.5
TCOL	CIGO, UAF Yank	2.88 356	Pn	17 00 59.4 +1.5
TCOL	CIGO, UAF Yank	2.88 356	P	17 00 59.3 +1.5
BARN	Barnard Glacie	2.91 107	IAML	17 00 59.6 +1.2
BARN	Barnard Glacie	2.91 107	IAML	17 00 59.6 +1.2
CHUM	Lake Minchum	2.93 312	Pn	17 01 00.6 +1.4
CHUM	Lake Minchum	2.93 312	Pn	17 01 07.1
MDM	Murphy Dome	2.98 353	IAML	17 01 06.6 +1.4
MDM	Murphy Dome	2.98 353	IAML	17 01 37.1
MDM	comp=N,278nm,0.6s		IAML	17 01 50.9
BAGI	Bagle Point	2.99 118	Pn	17 01 00.5 +1.2
GRNC	Granite Creek	3.01 113	IAML	17 01 00.5 +0.7
GRNC	Granite Creek	3.01 113	IAML	17 01 43.9
GRNC	comp=N,334nm,0.6s		IAML	17 01 48.0
RSO	Redoubt South	3.02 241	Pn	17 01 02.4 +2.5
RWDW	Redoubt West	3.04 242	Pn	17 01 01.9 +1.8
J26L	Joseph Creek	3.04 33	Pn	17 01 01.3 +1.2
RED	Redoubt Volcan	3.05 241	Pn	17 01 02.4 +2.2
L20K	Farewell, AK	3.07 282	Pn	17 01 01.6 +1.1
L20K	Farewell, AK	3.07 282	P	17 01 01.6 +1.1
CTG	Chitina Glacier	3.09 107	P	17 01 02.1 +1.2
CTGM	Chitina Glacier	3.09 107	IAML	17 01 02.1 +1.2
CTGM	Chitina Glacier	3.09 107	IAML	17 01 47.1
CTGM	comp=N,595nm,0.6s		IAML	17 01 50.9
POKR	Poker Plat Res	3.12 360	Pn	17 01 02.7 +1.6
POKR	Poker Plat Res	3.12 360	P	17 01 02.5 +1.4
CNPM	China Pool	3.12 219	IAML	17 01 02.9 +1.7
CNPM	China Pool	3.12 219	IAML	17 01 42.3
HOM	Home	3.14 223	Pn	17 01 03.5 +2.1
O20K	Slope Mountain	3.19 235	P	17 01 04.1 +1.9
YAH	Yahste	3.20 119	Pn	17

29d 18h

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

ICC 29 17:11:26.4,3,4,3,61:96N:71:11'E, h69km,31km, mb3.5/13, mb1 3.7/17, mb1mx3.4/50, mbtmp3.9/17, ML4.0/6, Error ellipse: s-maj=24.1km s-min=15.1km az=22.0

NEIC 29 17:11:29.8,2.5,36:18N:0.06:71:04E:0.09, h97km,9km, mb4.1/8, Error ellipse: s-maj=10.3km s-min=8.4km az=81.0

NCC 29 17:11:31.7,2.8,36:42N:70:68E, h82km,49km, mb4.1, mpv4.5, Error ellipse: s-maj=23.6km s-min=18.2km az=50.0

ISC 29 17:11:27.8,0.5,36:02N:0.05:71:05E:0.05, h102km, n74, z=867/83, mb3.6/12, 5C-4D, Afghanistan-Tajikistan border region

Main table for 29d 18h section, listing station codes, names, coordinates, and detection times. Includes stations like KBL Kabul, NIL Nilore, GARM Garm, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ARCES ARCCESS Array B, NB2 NORARS Subarra, etc.

JMA 29 17:18:57.5,0.1,42:93N:145:48E, h46km,1km, M3.3 JMA Felt J1

SKHL 29 17:18:58.1,0.4,42:90N:145:60E, h47km,4km, mb2.8/8 ISC 29 17:18:57.5,2.2,42:90N:0.1:145:51E:0.06, h43km,13km, n15, c065/26, Hokkaido region

Main table for 2015 OCT section, listing station codes, names, coordinates, and detection times. Includes stations like JKHN Kushirohomanak, NEM2 Nemuro 2, etc.

ICC 29 17:20:39.0,7.4,2:56N:103:24W, h0km, mb3.5/2, mb1 3.9/2, mb1mx3.7/25, mbtmp3.5/2, M53.3/5, Ms1 3.3/5, ms1mx3.0/23, Error ellipse: s-maj=397.1km s-min=70.8km az=103.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CMIG Matias Romero, LPIG La Paz, etc.

ICC 29 17:28:25.6,8.2,38:17N:75:27E, h102km,55km, mb3.6/2, mb1 3.3/6, mb1mx3.0/51, mbtmp3.6/6, Error ellipse: s-maj=71.7km s-min=32.8km az=27.0

NCC 29 17:27:27.6,5.0,38:48N:74:88E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=39.2km s-min=29.2km az=162.0

ISC 29 17:28:25.1,0.9,38:09N:0.06:75:1E:0.1, h100km, n12, r1945/16, 1C-1D, Southern Xinjiang

Main table for 2015 OCT section, listing station codes, names, coordinates, and detection times. Includes stations like AAK Ala-Archa, AKK Karatay Array, etc.

1268

THR 29 17:32:06.4,1.0,32:03N:56:15E, h14km,7km, ML3.6 ISC 29 17:32:07.7,1.1,31:98N:0.04:56:13E:0.03, h13km, n47, c088/50, Northern and central Iran

Main table for 1268 section, listing station codes, names, coordinates, and detection times. Includes stations like TPRV Parvadeh(Tabas), YZKH Yazd, etc.

WEL 29 17:40:38.6,43'S:6:17'E, h10km,9km, M2.8/5, mb5.1/2, ML2.6/12, ML2.8/5, Mw(mb)4.5/2, Error ellipse: s-maj=0.0km s-min=0.0km az=102.1, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WVZ Waitaha Valley, INZ Inchbonnie, etc.

ICC 29 17:41:32.7,1.3,27:74N:100:55E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/61, mbtmp3.5/5, Error ellipse: s-maj=45.8km s-min=20.1km az=83.0

ISC 29 17:41:34.5,1.2,27:38N:0.1:100:7E:0.3, h10km, n5, c0913/5, mb3.9/3, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chong Mai, etc.

UPP 29 18:02:11.7,0.1,67:05N:20:95E, h0km, ML2.2, Explosion

ICC 29 18:02:12.2,1.0,67:02N:21:08E, h0km, mb1 2.8/4, mb1mx2.8, mbtmp2.8/4, ML1.9/4, Error ellipse: s-maj=2.6km s-min=1.9km az=123.0

HEL 29 18:02:12.1,0.1,67:05N:21:00E, h0km, ML2.1, JCS ML2-2, Quipin

NAO 29 18:02:12.3,1.2,67:03N:21:09E, ML2.2 HEL 29 18:02:12.4,67:08N:21:06E, h0km, ML2.1, Explosion BER 29 18:02:13.8,3.0,66:94N:20:95E, h0km, ML1.8, ML2.2(NAO), Suspected explosion

ISC 29 18:02:10.5,0.7,67:01N:0.02:20:89E:0.03, h0km, n56, c1946/75, Sweden

29d 20h

THE 29 20:00:14.4, 40.06N:20.31E, h10km, ML2.4/14, Error ellipse: s-maj=1.3km s-min=0.6km az=316.0

ISC 29 20:00:14.2, 1.0, 40.02N:0.02, 20.32E:0.02, h10km, 8km, n53, 0584/83, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Leskovik, Sarande, Kasiopi, Igoumenitsa, etc.

2015 OCT

Table with columns: LAKA, LAKA, 2.19 144 P, Pn, 20 00 51.4 +0.6. Includes station names like Chichijima, Matsushiro Arr, Warramunga Arr, etc.

ADC 29 20:06:02.9:2.6, 21.55N:143.33E, h306km, 23km, mb3.2/4, mb1 3.3/6, mb1mx2.9/56, mbtmp3.9/6, Error ellipse: s-maj=59.2km s-min=18.0km az=95.0

ISC 29 20:06:02.2:1.3, 21.55N:0.1:143.4E:0.4, h300km, n6, 05817, mb3.6/4, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Black Hills, Casper, Pilot Hill, etc.

Table with columns: SMCO, Snowmass, 4.68 198, IAML, Pn, 20 13 17.5 -1.3. Includes station names like Earthquake Lk, Dagmar, etc.

ADC 29 20:12:05.1:1.8, 43.35N:105.24W, h0km, mb3.9/5, mb1 3.9/9, mb1mx3.7/43, mbtmp3.8/9, ML2.9/3, Error ellipse: s-maj=47.3km s-min=8.1km az=154.0

NEIC 29 20:12:07.2:1.2, 43.63N:0.03:105.22W:0.06, h0km, 2km, ML3.7/68, Error ellipse: s-maj=9.4km s-min=3.1km

az=123.0 ANF 29 20:12:07.4:0.3, 43.61N:105.32W, h0km, ML3.9/14, Error ellipse: s-maj=3.5km s-min=2.6km az=138.0

ISC 29 20:12:06.5:0.6, 43.65N:0.03:105.13W:0.03, h0km, n131, 0167/138, mb3.9/5, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Toiyabe Canyon, Holter Researc, etc.

ADC 29 20:35:24.9:5.1, 12.44S:168.82E, h589km, 73km, mb2.6/4, mb1 2.9/5, mb1mx2.6/39, mbtmp3.7/5, Error ellipse: s-maj=79.4km s-min=32.3km az=156.0

ISC 29 20:35:25.4:1.4, 12.55S:0.2:168.9E:0.3, h600km, n6, 0543/6, mb3.4/4, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Mont Dzumac, Stephens Creek, etc.

Ms1 4.2/20, ms1mx4.0/31, Error ellipse: s-maj=21.2km
 s-min=16.3km az=110.0
 NEIC 29 20:41:08.6,2.5,41.1;LS:0.1;91.1;W:0.2;h10km,1km,
 mb4.9/114, Error ellipse: s-maj=20.4km s-min=16.9km
 az=282.0
 GCMT 29 20:41:10.6,0.2,41.08S,0.01,91.30W,0.02,h13km,1km,
 MW5.0/105, Moment Tensor Solution. s44,c54;
 s105,c151; Duration: 0 Moment tensor: Scale 10¹⁶Nm;
 Mn-0.85; 12; Mw0.162; 12; Mw0.82; 10; Mw0.31; 24;
 Mw-3.63; 10; Mw-0.69; 23; Best double couple:
 M3,90000x10¹⁶; NP,81,00000; S79,00000;
 N-1,73,00000; NP2,36,00000; S89,00000;
 N-1,11,00000; Principal axes: T 4.3130, Pz17.0000;
 Azm36.0000; N -0.8290, Plg79.0000; Azp167.0000; P
 -3.4880, Plg8.0000; Azn305.0000; nst1 refers to body
 waves, cutoff=40s. nst2 refers to surface waves,
 cutoff=50s. Triangular moment-rate function

ISC 29 20:41:08.0,0.5,41.105;0.08,91.03W,0.07,h10km,n170,
 a1505/146,mb4.9/61,MS4.2/23,2C,Southeast of Easter
 Island

Code	Station Name	Δ°	AZ°	Phase ID	h	Time	Res
Op	IDC						ISC
H03S2	Juan Fernandez	12.04	57	T		20 56 40.3	
H03S1	Juan Fernandez	12.05	57	T		20 56 37.3	
H03S3	Juan Fernandez	12.06	57	T		20 56 42.5	
H03N3	Juan Fernandez	12.29	55	T		20 56 55.5	
H03N2	Juan Fernandez	12.29	55	T		20 56 51.3	
H03N1	Juan Fernandez	12.30	55	T		20 56 53.0	
LL01	San Ignacio de	13.76	101	Pn	Pn	20 44 27.0 +1.2	
LL03	Petrohué	14.05	96	Pn	Pn	20 44 28.6 +0.7	
LL04	Puerto Octay	14.07	95	P	P	20 44 33.7 -1.4	
LR03	Panguipulli	14.32	90	Pn	Pn	20 44 31.6 +0.9	
COYC	Coyhaique	14.49	114	Pn	Pn	20 44 32.5 -0.6	
LC01	Cunco	14.85	88	Pn	Pn	20 44 38.6 +0.6	
PLCA	Paso Flores	15.49	95	Pn	Pn	20 44 51.0 +0.1	
PLCA	Paso Flores	15.49	95	Pn	Pn	20 44 50.0 -1.0	
GO05	Huala	16.22	74	P	P	20 44 54.9 -1.0	
ML02	Panamavida	16.26	77	P	P	20 44 58.7 -0.8	
ML02	Panamavida	16.26	77	P	P	20 45 03.8	
VA01	Torpederas	17.42	69	Pn	Pn	20 45 10.4 -0.7	
MT09	Talagante	17.50	72	P	P	20 45 14.0 +0.6	
MT02	Curacau	17.66	70	P	P	20 45 16.3 +1.4	
MT05	Renca	17.87	71	Pn	Pn	20 45 15.6 -1.2	
VA03	San Esteban	18.34	70	P	P	20 45 23.2 +0.6	
CO03	El Pedregal	19.35	64	P	Pn	20 45 35.0 +0.2	
CO05	La Serena	19.55	61	P	P	20 45 36.5 +0.7	
CO05	La Serena	19.55	61	P	P	20 45 40.4	
USHA	Ushuaia	20.31	140	LR	LR	20 52 04.0	
ZON	Zonda	20.33	69	P	P	20 45 45.2 +0.9	
ZON	Zonda	20.33	69	P	P	20 45 50.5	
RPN	Rapa Nui	20.53	307	LR	LR	20 45 13.9	
AC04	Llanos de Chai	20.80	58	P	P	20 45 50.7 +1.3	
GO03	Copiap	21.76	58	P	P	20 46 01.1 +1.4	
TRQA	Tornquist	22.55	92	P	P	20 46 09.4 +1.2	
AC02	Maricunga	22.99	59	P	P	20 46 15.0 +1.6	
AC02	Maricunga	22.99	59	P	P	20 46 16.7	
PB14	IPOC Station P	23.79	53	P	P	20 46 21.3 +0.2	
PB15	IPOC Station P	25.41	52	P	P	20 46 36.9 +1.0	
PB04	IPOC Station P	25.69	50	P	P	20 46 38.9 +0.5	
PB06	IPOC Station P	25.74	51	P	P	20 46 39.4 +0.6	
PB06	IPOC Station P	25.74	51	P	P	20 46 40.5	
LVC	Limon Verde	26.20	52	P	P	20 46 44.8 +1.4	
LVC	Limon Verde	26.20	52	P	P	20 54 35.7	
LVC	Limon Verde	26.20	52	P	P	20 46 44.7 +1.4	
LVC	Limon Verde	26.20	52	P	P	20 46 47.9	
PB07	IPOC Station P	26.31	49	P	P	20 46 45.3 +1.2	
PB07	IPOC Station P	26.31	49	P	P	20 46 46.3	
PB01	IPOC Station P	27.08	49	P	P	20 46 49.4 -1.5	
PB01	IPOC Station P	27.08	49	P	P	20 46 53.6	
PB08	IPOC Station P	27.98	48	P	P	20 47 00.6 +1.2	
PB11	IPOC Station P	28.01	47	P	P	20 47 00.4 +1.1	
PB11	IPOC Station P	28.01	47	P	P	20 47 02.9	
PMSA	Palmer Station	28.32	156	LR	LR	20 55 22.6	
IT0B	Ilaqui	30.10	79	P	P	20 47 18.5 +0.9	
CPUP	Villa Florida	31.45	73	P	P	20 47 30.2 +0.7	
CPUP	Villa Florida	31.45	73	P	P	20 59 37.5	
CPUP	Villa Florida	31.45	73	P	P	20 47 30.0 +0.5	
LPAZ	La Paz	31.67	45	P	P	20 47 32.8 +0.5	
LPAZ	La Paz	31.67	45	P	P	20 57 38.8	
LPAZ	La Paz	31.67	45	P	P	20 47 34.0 +1.7	
AQDB	Aquidauana	36.31	66	P	P	20 48 12.6 +0.7	
SAML	Samuel	40.41	45	P	P	20 48 46.6 +0.2	
OTAV	Otavalo	42.70	19	P	P	20 49 06.2 +0.5	
OTAV	Otavalo	42.70	19	P	P	20 49 07.6	
BDFB	Brasilia	44.94	69	P	P	20 49 23.6 +0.2	
BDFB	Brasilia	44.94	69	P	P	21 07 45.2	
BDFB	Brasilia	44.94	69	P	P	20 49 23.9 +0.6	
BDFB	Brasilia	44.94	69	P	P	20 49 24.9	
ROSC	El Rosal	48.21	23	P	P	20 49 51.2 +1.9	
ROSC	El Rosal	48.21	23	P	P	21 08 16.6	
ROSC	El Rosal	48.21	23	P	P	20 49 54.2 +0.9	
WNA3	Neumayer Olymp	48.97	155	P	P	20 49 54.6 +0.5	
OSPA	South Pole Qui	49.13	180	P	P	20 49 55.9 +0.4	
OSPA	South Pole Qui	49.13	180	P	P	21 07 45.9	
QSPA	South Pole Qui	49.13	180	P	P	20 49 55.3 -0.2	
QSPA	South Pole Qui	49.13	180	P	P	20 49 57.1 -1.1	
RUSC	La Rusia	49.58	24	P	P	20 49 59.2 -0.6	
RUSC	La Rusia	49.58	24	P	P	20 50 09.7	
VNA2	Neumayer-Watz	49.76	155	P	P	20 50 00.5 +0.4	
SNA4	Sanae	51.04	156	P	P	20 50 09.9 0.0	
SNA4	Sanae	51.04	156	P	P	20 50 09.4 -0.5	
JTS	Las Juntas de	51.44	8	LR	LR	21 06 40.6	
ORTG	Ortega, Santa	51.47	7	P	P	20 50 13.2 -0.4	
ORTG	Ortega, Santa	51.47	7	P	P	20 50 14.8	
TBI	Tubuai	51.56	271	eLQ	LQ	21 02 52.5	
TBI	Tubuai	51.56	271	eLQ	LQ	21 04 51.2	
OCAC	Ocana	51.73	23	P	P	20 50 14.9 -0.8	
OCAC	Ocana	51.73	23	P	P	20 50 16.5	
SBA	Scott Base	52.69	195	P	P	20 50 22.6 +0.7	
SBA	Scott Base	52.69	195	P	P	20 50 25.4	
SJCC	San Jacinto, C	52.81	20	P	P	20 50 23.5 -0.1	
SJCC	San Jacinto, C	52.81	20	P	P	20 50 25.0	
SDV	Santo Domingo	53.17	25	P	P	20 50 25.3 -1.1	
VNDA	Vanda	53.78	195	P	P	20 50 29.6 -0.4	

VNDA	comp=Z,3.3nm,0.9s,baz=115,slow=5.7,SNR=17	LR	LR	20 51 08.12		
VNDA	comp=Z,2.07nm,21.2s,baz=108,slow=30	LR	LR	20 50 30.4 +0.4		
TAOE	Vanda	53.78	195	P	S	20 58 08.4 +0.9
TAOE	Nuku Hiva Isla	53.92	292	eS	P	20 58 08.4 +0.9
TAOE	comp=Z,149nm,26.4s	eLR	LR	21 06 01.7		
BAUV	comp=Z,331nm,25.4s	LR	LR	20 50 31.9 -1.2		
PPT2	El Baul	54.11	28	P	P	20 58 23.5 +0.8
PPT2	Papeete	55.05	277	eS	P	20 58 23.5 +0.8
PPT2	comp=Z,120nm,27.2s	eLR	LR	21 06 32.6		
PPT	comp=Z,276nm,27.2s	LR	LR	21 07 15.7		
MT03	Montecristo	55.24	2	P	P	20 50 40.6 -0.9
MT03	Montecristo	55.24	2	P	P	20 50 49.7
URIC	comp=Z,10nm,1.1s	LR	LR	20 50 40.5 -1.9		
CMIG	Matias Romero	58.01	356	LR	LR	21 10 39.4
CMIG	comp=Z,151nm,18.7s,baz=188,slow=30	LR	LR	21 10 39.4		
TLIG	Tlapa	58.78	352	P	P	20 51 05.8 -0.6
TLIG	Tlapa	58.78	352	P	P	20 51 14.7
OBIP	comp=Z,19nm,1.4s	LR	LR	20 51 33.8 -1.6		
PDPR	Obisipado Ponce	63.06	26	P	P	20 51 34.9 -1.7
SJG	Patillas Dam,	63.28	27	P	P	20 51 34.6 -2.2
SOR	San Juan	63.28	27	P	P	20 51 34.6 -2.2
SOR	Soroa	64.00	8	P	P	20 51 40.7 -0.9
SYO	Syowa Base	64.30	162f	eS	P	20 51 46.0 -0.0
HPIG	Syowa Base	69.04	346	P	P	20 52 12.9 -1.0
HPIG	Syowa Base	69.04	346	P	P	20 52 21.5
MAW	comp=Z,9.3nm,0.8s	LR	LR	20 52 19.1 +1.0		
MAW	comp=Z,1.2nm,0.3s,baz=170,slow=6.1,SNR=9.4	LR	LR	21 21 00.2		
MAW	comp=Z,1.13nm,18.2s,baz=230,slow=34	LR	LR	20 52 19.2 +1.1		
TX32	Lajitas Array	71.05	348	P	P	20 52 26.2 +0.1
TX32	Lajitas Array	71.05	348	P	P	20 52 34.9
TXAR	comp=Z,9.1nm,1.3s	LR	LR	20 52 25.5 -0.3		
TXAR	Lajitas Array	71.05	348	P	P	21 17 28.5
TXAR	comp=Z,3.3nm,0.9s,baz=171,slow=8.9,SNR=15	LR	LR	21 17 28.5		
TX31	comp=Z,83nm,19.2s,baz=0,slow=31	LR	LR	20 52 26.4 +0.2		
JCT	Lajitas Ar. Si	71.05	348	P	P	20 52 29.9 0.0
JCT	Junction City	71.69	352	P	P	20 52 38.8
TUC	Tucson	75.29	343	P	P	20 52 52.7 +1.6
HODGE	Hodges	75.40	8	P	P	20 52 51.0 -0.6
MXST	Muleshoe	75.48	350	P	P	20 52 52.4 +0.2
MXST	Muleshoe	75.48	350	P	P	20 53 05.1
JSC	comp=Z,9.1nm,0.8s	LR	LR	20 52 51.3 -1.1		
JSC	Jenkinsville	75.55	8	P	P	20 53 18.8
BG3	comp=Z,12nm,0.8s	LR	LR	20 52 55.5 0.0		
BG3	Lake Jocassee	76.09	7	P	P	20 53 07.7
AMTX	comp=Z,17nm,1.0s	LR	LR	20 52 56.9 +0.3		
AMTX	Amarillo	76.25	351	P	P	20 53 08.9
AMTX	Amarillo	76.25	351	P	P	20 53 08.9
CPCT	comp=Z,9.1nm,0.7s	LR	LR	20 52 56.4 -1.0		
ANMO	Cooper Cave	76.42	5	P	P	20 53 03.1 +2.2
ANMO	Albuquerque	77.00	347	P	P	20 53 03.1 +2.2
U49A	Red Boiling Sp	77.39	4	P	P	20 53 01.1 -1.7
X15A	Lo Mia Camp, P	77.39	360	P	P	20 53 01.4 -1.6
T42A	Van Buren	77.76	360	P	P	20 53 05.5 +0.6
T42A	Van Buren	77.76	360	P	P	20 53 15.7
PFO	comp=Z,7.7nm,1.0s	LR	LR	20 53 08.3 +2.1		

Table with columns: KAPS, Kapalarasan, 3.09 356 eP, Pb, 21 51 22.1 -0.1, SHL, Shillong, 1.00 338 Sn, Pn, 22 16 27.4 +0.8, QIZ, Qiongzong, 17.21 105 P, Pn, 22 19 50.0 -1.2

Table with columns: KOHI, KOHIMA, 1.96 56 eP, Pn, 22 16 26.7 -0.1, BRDH, Bariadhala, 2.04 197 P, Pn, 22 16 29.0 +1.2, MOKO, MOKOCHONG, 2.61 50 eP, Pn, 22 16 35.9 +0.2

Table with columns: XAN, Xian, 17.24 53 P, Pn, 22 19 52.5 -3.1, XAN, Xian, 17.24 53 P, Pn, 22 19 52.5 -3.1, XAN, Xian, 17.24 53 P, Pn, 22 19 52.5 -3.1

CRAAG 29 21:53:04.0, 36.49N:6.77E, M12.7
LDG 29 21:53:09.5, 2.5, 36.80N:6.83E, h2km, M12.7/2, Error
ellipse: s-maj=55.8km s-min=31.2km az=175.0

ICR 29 21:53:08.6, 1.3, 36.92N:0.08, 6.8E:0.1, h10km, n9,
r165/10, Northern Algeria
Code Station Name Az AZ Phase ID Time Res

ICR 29 22:03:06.7, 2.1, 0.31S:125.74E, h0km, mb3.3/3,
mb1 3.5/3, mb1mx3.3/37, mb1mp3.4/3, Error ellipse:
s-maj=181.5km s-min=28.7km az=64.0, Southern
Molucca Sea

Table with columns: CAEH, 'Ain El Ouahch, 0.14 168 P, P, 21 53 11.3 -0.6, CASM, Ain Smara, 0.71 202 P, P, 21 53 12.0 -1.0, PGF, Pioggioia, 5.87 16 eP, Pn, 21 54 36.8 +1.1

Table with columns: KKK, Kakani, 7.04 298 eP, Pn, 22 17 37.3 +0.7, KKK, Kakani, 7.04 298 eP, Pn, 22 17 37.3 +0.7, KKK, Kakani, 7.04 298 eP, Pn, 22 17 37.3 +0.7

Table with columns: WHN, Wuhan, 20.40 68 P, Pn, 22 20 33.5 +1.9, WHN, Wuhan, 20.40 68 P, Pn, 22 20 33.5 +1.9, WHN, Wuhan, 20.40 68 P, Pn, 22 20 33.5 +1.9

ICR 29 22:03:32.9, 2.6, 28.24N:53.03E, h0km, mb3.6/4,
mb1 3.5/5, mb1mx3.4/39, mb1mp3.5/5, ML3.1/1, Error
ellipse: s-maj=63.8km s-min=30.0km az=163.0

ICR 29 22:03:34.2, 0.4, 28.23N:53.22E, h14km, 9km, ML3.1
ICR 29 22:03:34.3, 0.8, 28.19N:0.06, 53.15E:0.05, h14km, n32,
r161/33, mb3.7/4, Southern Iran

ICR 29 22:03:34.2, 0.4, 28.23N:53.22E, h14km, 9km, ML3.1
ICR 29 22:03:34.3, 0.8, 28.19N:0.06, 53.15E:0.05, h14km, n32,
r161/33, mb3.7/4, Southern Iran

Table with columns: WRA, Warramunga Arr, 21.25 157 P, P, 22 07 53.9 -0.7, ASAR, Alice Springs, 24.53 162 P, P, 22 08 28.8 +0.5, MKAR, Makanchi Array, 60.34 327 P, P, 22 13 17.4 -0.1

Table with columns: KMI, KMI, 9.50 85 P, Pn, 22 18 11.5 +2.1, KMI, KMI, 9.50 85 P, Pn, 22 18 11.5 +2.1, KMI, KMI, 9.50 85 P, Pn, 22 18 11.5 +2.1

Table with columns: PSI, Prapa, 22.63 163 P, P, 22 20 55.5 +2.0, PSI, Prapa, 22.63 163 P, P, 22 20 55.5 +2.0, PSI, Prapa, 22.63 163 P, P, 22 20 55.5 +2.0

Table with columns: QIR1, Qir, 0.30 342 eP, P, 22 03 38.5 -2.1, QIR1, Qir, 0.30 342 eP, P, 22 03 38.5 -2.1, QIR1, Qir, 0.30 342 eP, P, 22 03 38.5 -2.1

Table with columns: GYA, Guiyang, 13.10 79 P, Pn, 22 18 58.0 -1.4, GYA, Guiyang, 13.10 79 P, Pn, 22 18 58.0 -1.4, GYA, Guiyang, 13.10 79 P, Pn, 22 18 58.0 -1.4

Table with columns: GAR, Garm, 23.45 313 P, P, 22 21 02.4 +0.8, GAR, Garm, 23.45 313 P, P, 22 21 02.4 +0.8, GAR, Garm, 23.45 313 P, P, 22 21 02.4 +0.8

Table with columns: IMEH, Miehri, 3.43 21 eP, Pn, 22 04 30.4 +2.8, IMEH, Miehri, 3.43 21 eP, Pn, 22 04 30.4 +2.8, IMEH, Miehri, 3.43 21 eP, Pn, 22 04 30.4 +2.8

Table with columns: LZH, Lanzhou, 15.13 38 P, Pn, 22 19 24.8 -2.1, LZH, Lanzhou, 15.13 38 P, Pn, 22 19 24.8 -2.1, LZH, Lanzhou, 15.13 38 P, Pn, 22 19 24.8 -2.1

Table with columns: MNSI, Mandaljing Nat, 24.73 162 P, P, 22 21 13.2 -0.2, MNSI, Mandaljing Nat, 24.73 162 P, P, 22 21 13.2 -0.2, MNSI, Mandaljing Nat, 24.73 162 P, P, 22 21 13.2 -0.2

Table with columns: ZALV, Zalesovo Beam, 34.60 33 P, P, 22 10 22.5 -0.4, ZALV, Zalesovo Beam, 34.60 33 P, P, 22 10 22.5 -0.4, ZALV, Zalesovo Beam, 34.60 33 P, P, 22 10 22.5 -0.4

Table with columns: DHRM, DHARAMSHALA, 15.97 302 eP, Pn, 22 19 33.8 -4.0, DHRM, DHARAMSHALA, 15.97 302 eP, Pn, 22 19 33.8 -4.0, DHRM, DHARAMSHALA, 15.97 302 eP, Pn, 22 19 33.8 -4.0

Table with columns: TAS, Tashkent, 25.36 317 P, P, 22 21 21.4 +2.4, TAS, Tashkent, 25.36 317 P, P, 22 21 21.4 +2.4, TAS, Tashkent, 25.36 317 P, P, 22 21 21.4 +2.4

NDI 29 22:15:52.1, 3.6, 24.58N:92.40E, h10km, mb4.0, ML5.1
BUJ 29 22:15:54.5, 0.0, 24.83N:92.40E, h31km, mb4.7/30,
mb4.6/55, Ms4.2/46, Ms7.3/46

ICR 29 22:15:55.8, 0.4, 24.64N:0.04, 92.30E:0.03, h42km, 3km,
mb4.0/34, mb1.4/35, mb1mx4.0/55, mb1mp4.2/35, ML3.8/1, MS3.7/21,
Ms1.3/7.21, ms1mx3.6/52, Error ellipse: s-maj=12.3km
s-min=7.9km az=50.0

ICR 29 22:15:55.8, 0.4, 24.64N:0.04, 92.30E:0.03, h42km, 3km,
mb4.0/34, mb1.4/35, mb1mx4.0/55, mb1mp4.2/35, ML3.8/1, MS3.7/21,
Ms1.3/7.21, ms1mx3.6/52, Error ellipse: s-maj=12.3km
s-min=7.9km az=50.0

Table with columns: SHL, Shillong, 1.00 338 Pn, 22 16 13.8 +0.2

Table with columns: QIZ, Qiongzong, 17.21 105 P, Pn, 22 19 50.0 -1.2

Table with columns: KURKB, Kurchatov Arra, 28.04 341 P, P, 22 21 43.0 +0.1

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like YBH, J04D, HUMO, M02C, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like HELCO, UREC, GUY2C, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ, V3A, X48A, etc.

ICD 29:22:40.24.6.0.7, 6.84N-73.03W, h159km, 6km, mb3.7/12, mb1.4/0.16, mb1mx3.8/31, mbtpm4.3/16, MS3.1/2, Ms1.3/2, ms1mx2.6/30, Error ellipse: s-maj=12.9km s-min=7.4km az=128.0

VAO 29:22:40.25.8.0.6, 6.52N-72.88W, h129km, 5km, mb4.2 NEIC 29:22:40.25.1.1.5, 6.85N-0.05W-73.07W, 0.06, h146km, 4km, mb4.5/128, Error ellipse: s-maj=8.1km s-min=6.9km az=107.0

RSNC 29:22:40.25.2.0.9, 6.81N-73.14W, h153km, 3km, ML4.3, Mw4.4, Fault plane solution: N1P1phi35.00000, delta3.00000, lambda22.00000

ISC 29:22:40.24.6.0.5, 6.82N-73.13W, 0.03, h157km, 5km, n248, s138/289, mb4.4/72, 10C-13D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BARC, BRRC, PAMC, RUSC, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like MARP, PIZC, SMRC, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like BDFB, P52A, PBMO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAULT STE MARI, BATG, G40A, SDCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANI, MSAI, SWI, etc.

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

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

HEL 29 23:11:31.0L0.1, 67:18N:20:64E, h0km, ML1.5, ML1.8(UPP), Explosion

UPP 29 23:13:05.0L1.67:17N:20:70E, h0km, ML1.8, Explosion, Sweden

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

SOME 29 23:24:09.9, 47:93N:83:62E, h10km, NNC 29 23:24:10.6, 30:46:94N:84:70E, h0km, mb3.1, mpv2.9

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

SKHL 29 23:46:15.0, 2:44:180N:151:40E, h55km, mb4.5/5, IDC 29 23:46:16.1, 2:46:16N:149:61E, h151km, 53km, mb3.4/7

JMA 29 23:46:22.7, 0.5, 45:46N:150:03E, h180km, M3.8, NEIC 29 23:46:22.2, 1.4, 46:4N:0:2:149:8E:0.2, h185km, 10km, mb4.2/41, Error ellipse: s-maj=25.1km s-min=12.0km az=148.0

ISC 29 23:46:19.8, 0.8, 45:65N:101:149:99E:0:10, h200km, n88, a:175/96, mb4.1/27, Kuril Islands

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

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

IMAR 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

NOU 29 23:03:37.3, 19:15S:168:61E, h0km, ML3.9/9, Vanuatu Islands

IDC 29 23:23:39.8, 4.3, 19:74S:168:09E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.728, mbmtpp3.8/5, ML3.6/1, Error ellipse: s-maj=93.5km s-min=31.9km az=111.0

NEIC 29 23:03:44.6, 1.5, 20:02S:0:07:168:15E:0.0, h35km, 4km, mb4.1/9, Error ellipse: s-maj=11.0km s-min=0.9km az=136.0

ISC 29 23:03:38.8, 1.2, 19:90S:0:06:168:3E:0:1, h10km, n29, a:145/31, mb4.0/8, Vanuatu Islands

NOU 29 23:02:56.0, 14:55S:167:53E, h142km, ML4.2/7, Vanuatu Islands

ISC 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

IDC 29 23:52:52.6, 14.0, 14:67S:165:95E, h0km, mb4.0/3, mb1.4/2.4, mb1mx3.8/33, mbmtpp4.0/4, ML3.7/1, Error ellipse: s-maj=238.9km s-min=37.3km az=57.0

NEIC 29 23:52:54.2, 0.8, 14:8S:0:1:166:07E:0:07, h10km, 2km, mb4.1/1, Error ellipse: s-maj=20.5km s-min=6.2km az=0.0

NOU 29 23:02:56.0, 14:55S:167:53E, h142km, ML4.2/7, Vanuatu Islands

ISC 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

IDC 29 23:52:52.6, 14.0, 14:67S:165:95E, h0km, mb4.0/3, mb1.4/2.4, mb1mx3.8/33, mbmtpp4.0/4, ML3.7/1, Error ellipse: s-maj=238.9km s-min=37.3km az=57.0

NEIC 29 23:52:54.2, 0.8, 14:8S:0:1:166:07E:0:07, h10km, 2km, mb4.1/1, Error ellipse: s-maj=20.5km s-min=6.2km az=0.0

NOU 29 23:02:56.0, 14:55S:167:53E, h142km, ML4.2/7, Vanuatu Islands

ISC 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

IDC 29 23:52:52.6, 14.0, 14:67S:165:95E, h0km, mb4.0/3, mb1.4/2.4, mb1mx3.8/33, mbmtpp4.0/4, ML3.7/1, Error ellipse: s-maj=238.9km s-min=37.3km az=57.0

NEIC 29 23:52:54.2, 0.8, 14:8S:0:1:166:07E:0:07, h10km, 2km, mb4.1/1, Error ellipse: s-maj=20.5km s-min=6.2km az=0.0

NOU 29 23:02:56.0, 14:55S:167:53E, h142km, ML4.2/7, Vanuatu Islands

ISC 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

IDC 29 23:52:52.6, 14.0, 14:67S:165:95E, h0km, mb4.0/3, mb1.4/2.4, mb1mx3.8/33, mbmtpp4.0/4, ML3.7/1, Error ellipse: s-maj=238.9km s-min=37.3km az=57.0

NEIC 29 23:52:54.2, 0.8, 14:8S:0:1:166:07E:0:07, h10km, 2km, mb4.1/1, Error ellipse: s-maj=20.5km s-min=6.2km az=0.0

NOU 29 23:02:56.0, 14:55S:167:53E, h142km, ML4.2/7, Vanuatu Islands

ISC 29 23:52:56.4, 1.4, 14:7S:0:1:166:05E:0:09, h35km, n23, a:85/23, mb4.1/9, Vanuatu Islands

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

30d 1h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NWLT Wulai, ENTJ Nioudou, TWS1 Kuangyinshan, etc.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JISG Ishigakijimahi, JISG Tarama, H0S2 Diego Garcia H, etc.

1278

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SANT Santorini, SANT Santorini-Mono, BODT Bodrum, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like URJ, MOVZ, NMHZ, etc.

IDD 30 01:58:56.5, 0.5, 0.97N, 97.47E, h0km, mb4.5/27, mb1 4.5/29, mb1mx3.3/63, mbtmp4.4/29, ML3.9/2, MS3.7/18, Ms1 3.7/18, ms1mx3.6/47, Error ellipse: s-maj=17.9km s-min=11.6km az=48.0

DJA 30 01:58:59.7, 0.5, 1.1N, 97.7E, h25km, 3km, M4.7/31, mb5.1/9, mb4.9/31, MLv5.0/18, MW(mb)4.4/9

KLM 30 01:58:59, 0.94N, 97.12E, h29km, mb4.9, NEIC 30 01:58:01.6, 1.9, 99N, 0.07E, 97.51E, 0.08, h26km, 4km, mb4.8/64, Error ellipse: s-maj=12.6km s-min=9.4km az=64.0

ISC 30 01:59:00.6, 0.4, 0.92N, 97.40E, 0.05, h27km, m203, c133/194, mb4.8/83, MS3.9/24, 7C-7D, Northern

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GSI, SNSI, MNSI, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DLV, UBPT, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GTA, WBO, WRB, etc.

30d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARH, MHGZ, NMH, BKZ, MCHZ, etc.

ADC 30 02:09:46.7-1.4, 31.35Sx178.82W, h0km, mb4.0/3, mb1.4-3/4, mb1mx3.9/41, mbtmp4.1/4, ML3.8/1, Error ellipse: s-maj=53.6km s-min=31.9km az=148.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLKZ, RAO, MXZ, etc.

2015 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAHZ, MHGZ, NMH, BKZ, MCHZ, etc.

ADC 30 02:19:36.2-0.5, 14.66Sx50.14E, h0km, mb4.3/27, mb1.4-4/28, mb1mx4.3/54, mbtmp4.3/28, ML3.9/1, MS3.8/11, Ms1.3/8.1/1, ms1mx3.6/30, Error ellipse: s-maj=15.2km s-min=13.2km

NEIC 30 02:19:36.2-0.5, 14.66Sx50.14E, h10km, 1km, mb4.8/60, Error ellipse: s-maj=13.1km s-min=2.7km az=102.0

BGR 30 02:19:50.5-0.0, 13.42Sx49.12E, h10km, mb4.6, ISC 30 02:19:38.2-0.6, 14.80Sx05.49E, h0.05, h11km, 3km, h11km, p-P, n238, @1907/243, mb4.7/94, MS3.9/13, 13C-13D, Madagascar

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

1280

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIRN, ODAN, CGJI, TORO, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Kasperke Hory, Damuels, Minsk, Lanzhou, Prague, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like WHTX, KSCOO, YHH, PHWY, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MT09, LME1, LMEL, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like ANMO Albuquerque, ANMO comp=2.0,3nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like KBL Kabul, CHGR Chuyangaron, GAR Garm, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like ORDU ORDU, CKRK Yozgat, CUZAR Zera_SIVAS, etc.

NNC 30 04:39:54.0, 10.0, 36.30N, 69.17E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=0.102, s-min=53.0km az=159.0

ISK 30 04:45:19.9, 40.67N, 36.71E, h6km, ML2.5/13 DDA 30 04:45:20.3, 40.67N, 36.69E, h8km, ML2.0

MOS 30 05:45:10.9, 1.3, 50.44N, 154.07E, h286km, mb3.71, Error ellipse: s-maj=2.1km s-min=9.1km az=58.7

1291 IUG luzhday 1.10 8 P Pn 07 22 33.6+0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IUG, BTk, KK31, OHH, MNAS, MRKS, AML, AAK, SGDS, TKM2, DGS, KST, KRBS, KUU, etc.

NEIC 30 07:27:43.6:1.2, 18.9N:0.5:68.66W:0.09, h145km, 32km, Error ellipse: s-maj=68.6km s-min=7.5km az=187.0

RSRP 30 07:27:43.5, 18.91N:68.65W, h146km, 8km, MD3.5/6

ISC 30 07:27:44.3:1.7, 18.5SN:0.3:68.67W:0.07, h150km, n35, o=95/36, 9C-1D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDE, OBIP, CRPR, BANI, AOPR, PTGC, PAMP, GUVG, OCAC, SMLC, SJCC, OTAV, PAC1, etc.

ISC 30 07:38:31.9:1.2, 7.75S:125.53E, h0km, mb3.8/1, mb1 4.1/3, mb1mx3.6/26, mbtmp3.9/3, ML3.9/2, Error ellipse: s-maj=24.3km s-min=11.8km az=43.0, Banda Sea

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

RSNC 30 07:42:29.2:1.2, 4.97N:76.05W, h110km, 4km, ML3.1, Mw3.7, 2C-10D, Fault plane solution: NP1, o=150.00000°, s=73.00000°, lambda=145.00000°, Colombia

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLMC, GUY2C, ANIL, CBOC, YOTC, PIZC, NORC, ORTC, HELC, SOLC, DBBC, SPBC, MARP, CHIC, BETC, POPC, VILC, PCON, ZARC, GARC, UREC, SOTA, RUSC, BRRC, BBAC, MACC, GCUF, PTGC, PAMP, GUVG, OCAC, SMLC, SJCC, OTAV, PAC1, etc.

ISC 30 07:55:07.9:1.1, 31.76S:71.89W, h0km, mb4.2/2, mb1 4.1/3, mb1mx3.7/26, mbtmp4.1/3, ML4.0/1, MS3.1/1, Ms1 3.1/1, ms1mx2.7/24, Error ellipse: s-maj=40.1km s-min=7.3km az=99.0

NEIC 30 07:55:08.7:1.2, 31.83S:72.02W:0.1, h2km, 3km, mb4.3/5, ML4.0(GUO), Error ellipse: s-maj=12.6km

GUC 30 07:55:11.0:0.7, 31.85S:72.04W, h45km, 3km, ML4.0

ISC 30 07:55:08.2:1.5, 31.83S:72.02W:0.08, h4km, gkm, n51, o=64/56, mb4.2/3, 10C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VA06, CO06, CO06, VA01, VA01, ROCH, CO03, CO03, CO03, VA03, VA03, VA03, VA03, MT02, MT02, etc.

30d 7h

Table with columns: MT02, iS, Sn, Time, Res, ISC, h, m, s, ISC. Includes stations like Peldehue, VAO5, VAO5, MT05, MT05, CO04, CO04, CO05, CO05, CO05, MT01, MT01, MT09, MT09, BO04, BO04, LMEL, LMEL, BO01, LCO, BO02, GO05, GO05, H03N1, H03N1, H03N2, H03N2, H03S3, H03S3, H03S1, H03S1, H03S2, H03S2, LC01, LR03, LR03, PLCA, TRQA, CPUP, BDFB, BDFB, SNA4, SNA4, SNA4, QSPA, TORD, TORD, ZALV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRLS Boroiday, KK31 Karatay Array, MRKS Merke, UCH Uchtor, etc.

TRN 30 08:51:15.3, 13°89N-58°50W, h66km, MD4.0

ISC 30 08:51:13.9, 2.6, 13.90N, 0.05, 58.5W, 0.1, h10km, n29s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBGH Gun Hill, MPOM Morne Pois Mar, MCLT Moule a Chique, etc.

ISC 30 09:00:28.8, 4.5, 52°09N-35°83E, h0km, mb1 3.6/4,

mb1mx3.3/39, mbtmp3.6/4, ML4.1/4, Error ellipse: s-maj=56.5km s-min=14.4km az=126.0, Baltic

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBN Obninsk, AKASG Malin Array B, AKASG, etc.

ISC 30 09:41:28.7, 3.1, 14°79S-167°44E, h119km, 24km,

mb3.9/10, mb1 4.0/11, mb1mx3.7/37, mbtmp3.3/11, Error ellipse: s-maj=23.2km s-min=9.1km az=64.0

NEIC 30 09:41:30.7, 2.3, 14°89S, 0°09'167.5E, 0.1, h131km, 5km,

mb4.4/25, Error ellipse: s-maj=16.2km s-min=10.6km az=121.0

ISC 30 09:41:29.7, 0.7, 14°86S, 0°07'167.6E, 0.1, h129km, n55,

s=124/59, mb4.2/17, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, LIFNC LIFOU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EIDS, CTA Charters Tower, CTAO Omahuta, etc.

ISC 30 09:49:30.3, 1.1, 0, 32°47N-100°13E, h0km, mb3.7/2,

mb1 4.1/3, mb1mx3.4/49, mbtmp3.8/3, ML4.5/11, MS3.2/1,

MS1 3.2/1, ms1mx2.4/45, Error ellipse: s-maj=269.8km

s-min=83.4km az=125.0, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KLR Kutludun, etc.

SJA 30 09:52:07.0, 30'46S-72°60W, h10km, ML4.4

GUC 30 09:52:09.0, 30'58S-72°11W, h20km, 9km, ML3.9

ISC 30 09:52:06.0, 2.0, 30°50S, 0°04'72.31W, 0.07, h5km, 12km,

n47, 2°10'51, 1C-6D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO06 Fray Jorge, CO06, etc.

AROD Rodeo, AC04 Llanos de Chal

AC04 AC04, comp=E, 317nm, 0.7s

AC04 Llanos de Chal, ROCH El Roble

ROCH ROCH, comp=N, 722nm, 0.5s

VA03 San Esteban, VA03

VA03 VA03, comp=E, 954nm, 0.6s

VA03 San Esteban, ACCV Cuesta del Vie

ACDD Cerro Coronel, RTLS Leoncito

MT02 Curacav, MT02

MT02 MT02, comp=E, 226nm, 0.3s

PEL Curacav, PEL Peldehue

PEL Peldehue, AUP Usapallata

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MT05 Renca, MT05 Renca, VA05 Santo Domingo, etc.

ISC 30 09:53:38.6, 15.0, 32°89N-100°00E, h0km, mb3.6/2,

mb1 4.0/3, mb1mx3.3/51, mbtmp3.7/3, ML4.7/1, MS2.8/1,

MS1 2.8/1, ms1mx2.4/43, Error ellipse: s-maj=353.7km

s-min=91.7km az=123.0, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, TLY Talaya, etc.

ISC 30 09:59:05.0, 4.6, 19°55N-142°50E, h0km, mb3.2/2,

mb1 3.6/3, mb1mx3.3/33, mbtmp3.4/3, ML3.5/1, 1C, Error

ellipse: s-maj=294.5km s-min=36.0km az=87.0, Mariana

Islands region

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

ISC 30 10:12:36.2, 0.6, 8°34S-107°58E, h0km, mb4.3/13,

mb1 4.4/13, mb1mx1.1/32, mbtmp4.3/13, MS3.5/5,

Ms1 3.5/5, ms1mx3.1/47, Error ellipse: s-maj=32.2km

s-min=14.2km az=57.0

NEIC 30 10:12:38.9, 1.3, 8°44S, 107°42E, 0.06, h16km, 4km,

mb4.6/27, Error ellipse: s-maj=10.0km s-min=3.2km

az=114.0

DJA 30 10:12:41.1, 1.0, 3.8°S-3°10'E, h10km, M4.6/13, mb5.0/5,

mb5.2/4, ML4.5/13, MW3.4/5/4

ISC 30 10:12:47.6, 4.8, 49S, 0°04'107.54E, 0.04, h10km, n82,

s=1847/76, mb4.5/25, MS3.6/4, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CISI Cisompet, CMIJ Cimerak, etc.

ISC 30 10:12:41.1, 1.0, 3.8°S-3°10'E, h10km, M4.6/13, mb5.0/5,

mb5.2/4, ML4.5/13, MW3.4/5/4

ISC 30 10:12:47.6, 4.8, 49S, 0°04'107.54E, 0.04, h10km, n82,

s=1847/76, mb4.5/25, MS3.6/4, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CISI Cisompet, CMIJ Cimerak, etc.

FAKI Fak Fak, FAKI

FAKI FAKI, comp=Z, 16nm, 1.0s

NWAO Narrogin (SRO) 25.92 161 LR LR

CMAR Chiang Mai Arr 28.09 342 LR LR

WB0 Warramunga Arr 28.31 116 P P

WB0 WB0, comp=N, 227nm, 0.6s

WRA Warramunga Arr 28.32 117 P P

WRA Warramunga Arr 28.32 117 P P

WRAB Tennant Creek 28.32 117 P P

WRAB WRAB, comp=Z, 5.2nm, 0.9s

WB2 Warramunga Arr 28.33 117 P P

WRO Warramunga Arr 28.50 116 P P

ASAR Alice Springs 29.41 124 P P

1295

Table with columns: MDJ, Mudanjiang, 50.67 360, P, P, 10.35 44.8 +0.6, etc. Includes stations like MDJ, PALK, QZR, LSA, TAPN, BKZ, GTA, RAMN, JIRN, GUN, PKI, KKN, DMN, KLR, etc.

2015 OCT

Table with columns: SOCY, Socotra, 77.82 284, P, Iamb, 10.38 41.4 -0.3, etc. Includes stations like MDH, UOSS, UOSS, HATD, ASHO, MSFE, BANOF, ALNE, SHME, NAZ, FAQ, ASUD, GEYT, GYA0B, MZR, NRIK, VOI, ABKAR, QSPA, SYO, ARU, KDKA, L19K, I23K, KIBK, KMB0, KMB0, ILAR, ILAR, DAWY, SNA, SNA, VNA2, LSZ, LBTE, ARCS, NACGM, NVAR, CLL, MVU, BTNL, MEM, BHAU, PDR, TXAR, TXAR, TORO, TORO, TORO, SCHO, KIC, DBIC, DBIC, LIC, TIC, ORTO, ACON, JTS, CPUP, CPUP, PB08, PB08, TRCB, AQDB, AQDB, NIED 30, JMA, JMA, IDC 30, IDC 30, etc.

30d 11h

Table with columns: MAT, Asahikawa, 4.40 7, eS, Sn, 10.33 58.0 +0.3, etc. Includes stations like ASAJ, USRK, KSRS, KSRS, SEY, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, MKAR, KURBB, ARCS, FINES, NOA, AKAS, DBC, KANR, GUR, MAJ, BUK, MAK, KRNR, MTEO, DLMR, UNCR, ARKR, XNZR, GNBR, BTLR, GROC, LGD, AKT, AKT, DFK, PNFH, PDSH, PNSH, MTEO, ONI, ONI, KBZ, KBY, BEYR, BEYR, KIV, KIV, WEL 30, NEIC 30, IDC 30, IDC 30, etc.

30d 11h

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like APA, AKASG, ASAR, etc.

2015 OCT

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like KMBO, MORH, MORC, etc.

1298

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like BPAW, PPLA, I23K, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Whitehorse, Sonseca Array, SKAGway, Teslin, Kangerlussuaq, Hyland Airport, Yellowknife Ar, Boshof, Torodi Ar. Bea, etc.

1299 11:47:16.0-1.9, 86.57N-64.61E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.4/45, mbtm3.8/5, ML3.6/2, MS3.8/1, Ms1 3.8/1, ms1mx2.6/56, Error ellipse: s-maj=106.8km s-min=25.8km az=129.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZFI, Kingsbay, Spitsbergen Ar, ARCESS Array B, FINES Array B, etc.

NNC 30 11:48:38.7-8.4, 35.221N-69.83E, h0km, mb3.9, mpv3.6, 2C-2D, Error ellipse: s-maj=85.7km s-min=53.5km az=147.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Karatay Array, AAK, AAK, TKM2, AB31, etc.

SOME 30 12:02:52.6-39.27N-72.52E, h10km, KRNET 30 12:02:54.0-4.1, 39.35N-72.42E, h20km, mb3.3, NNC 30 12:03:03.1-3.7, 39.69N-72.02E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=30.7km s-min=16.8km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Chuyararon, Almayshay, Manas, Uchta, UJUG, MRKS, EK2S, AAK, KBK, FRU1, KK31, CHMS, ULHL, BOOM, USP, TKM2, TKM2, TKM2, KST, KST, KST, DGS, DGS, KRBS, KRBS, ANVS, ANVS, KTBS, AB31, AKTO, etc.

MEX 30 12:05:26.5-0.9, 32.22N-116.22W, h9km, 50km, MD3.0, MEX 30 12:05:26.4-0.8, 32.06N-116.34W, h5km, 5km, MD2.0, ML2.2, SC-4D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Cicese, Cerro Bola, Cerro Bola, TJIG, TJIG, TJIG, TKX, TKX, IKP, IKP, BAR, BAR, TJIG, YUH2, YUH2, SVX, SVX, MONP2, SDRC, SDRC, EML, etc.

SOME 30 12:02:52.6-39.27N-72.52E, h10km, KRNET 30 12:02:54.0-4.1, 39.35N-72.42E, h20km, mb3.3, NNC 30 12:03:03.1-3.7, 39.69N-72.02E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=30.7km s-min=16.8km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Karatay Array, AAK, AAK, TKM2, AB31, AKTO, etc.

SOME 30 12:02:52.6-39.27N-72.52E, h10km, KRNET 30 12:02:54.0-4.1, 39.35N-72.42E, h20km, mb3.3, NNC 30 12:03:03.1-3.7, 39.69N-72.02E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=30.7km s-min=16.8km az=171.0

IDC 30 12:25:01.1-1.4, 57.55S-26.44W, h0km, mb3.7/2, mb1 3.8/2, mb1mx3.6/16, mbtm3.7/2, Error ellipse: s-maj=115.5km s-min=35.0km az=100.0, South Sandwich Islands region

THE 30 12:30:17.1, 38.19N-20.38E, h17km, 1km, ML1.5/4, Error ellipse: s-maj=1.5km s-min=0.8km az=243.0

ATH 30 12:30:17.2, 38.16N-20.37E, h16km, 1km, ML1.9/1, Error ellipse: s-maj=2.7km s-min=1.8km az=251.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KIPOURIA, KIPOURIA, KIPOURIA, LIXOURI, LIXOURI, DAMOULIANATA-K, DAMOULIANATA-K, LIVADI, LIVADI, Valsamata, Valsamata, Fiskardo, Fiskardo, Lefkada island, Lefkada island, etc.

HEL 30 12:35:04.3-0.1, 62.66N-22.76E, h0km, ML1.5, ML1.5(U/P), Explosion, UPP 30 12:35:06.1-0.8, 62.74N-22.48E, h0km, ML1.5, Suspected explosion, Finland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ylistaro, Keuruu, HUSUM, HUSUM, Sumiainen, RAU, RAU, STANFORS, STANFORS, KANGASNIEMI, BURVIK, BURVIK, Merijarvi, etc.

IDC 30 12:41:36.1-1.5, 31.70S-71.86W, h0km, mb3.8/2, mb1 4.0/5, mb1mx3.7/32, mbtm3.8/5, ML3.9/3, Error ellipse: s-maj=59.5km s-min=31.0km az=86.0

NEIC 30 12:41:40.7-1.6, 31.71S-71.80W, h1km, 7km, ML4.0, mb4.2/7, ML4.0(GUC), Error ellipse: s-maj=17.6km s-min=5.5km az=91.0

ISC 30 12:41:39.3-0.8, 31.71S-71.80W, h25km, 5km, n38, c094/38, mb4.3/3, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Catapilco, Catapilco, Catapilco, Froy Jorge, Froy Jorge, Torpederas, Torpederas, El Pedregal, El Roble, etc.

30d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA03 San Esteban, MT02 Curacav, PEL Peidheue, CO05 La Serena, etc.

IOC 30 13:24:28.9, 6.36, 35N, 70.63E, h198km, 61km, mb3.1/3, mb1 3.2/6, mb1mx4.3/59, mbtmp3.8/6, Error ellipse: s-maj=59.9km s-min=36.7km az=47.0, NNC 30 13:24:29.8, 10.0, 37.00N, 69.87E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=103.3km s-min=61.0km az=159.0, ISC 30 13:24:30.2, 1.2, 36.58N, 0.08W, 0.4E, 0.1, h200km, n17, c174D, 1C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK A-La-Archa, AAK A-La-Archa, etc.

NNC 30 13:29:14.9, 11.0, 36.87N, 70.03E, h0km, mb3.8, mpv3.3, 4C-2D, Error ellipse: s-maj=102.5km s-min=59.6km az=158.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK A-La-Archa, TKM2 Tokmak 2, etc.

IOC 30 13:35:53.0, 0.6, 25.53S, 176.75W, h0km, mb4.5/20, mb1 4.6/22, mb1mx4.5/35, mbtmp4.6/22, ML4.3/2, MS3.2/5, Ms1 3.2/5, ms1mx3.0/25, Error ellipse: s-maj=116.0km s-min=16.0km az=106.0, NEIC 30 13:35:57.4, 1.3, 25.52S, 0.10, 176.74W, 0.1, h27km, 4km, mb4.7/25, Error ellipse: s-maj=21.4km s-min=10.8km az=118.0, ISC 30 13:36:04.4, 0.4, 26.01S, 0.05, 176.75W, 0.10, h100km, n132, c2883/136, mb4.5/31, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, RIZ Raoul Island, RAO Raoul Island, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, GLKZ Green Lake, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIWI Kapiti Island, MTW Mount Morrison, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, Vnda Vanda, FITZ Fitzroy Crossi, etc.

1300

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03S3 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, etc.

IOC 30 13:50:10.5, 7.4, 12.99N, 145.28E, h31km, 57km, mb3.2/3, mb1 3.5/3, mb1mx3.2/39, mbtmp3.3/3, Error ellipse: s-maj=38.5km s-min=19.2km az=88.0, South of Mariana Islands

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

NOU 30 14:35:14.8, 14.57S, 167.58E, h124km, ML4.6/14, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, DVP Devile Point, LIFWC Lifu, etc.

DRS 30 14:52:45.8, 0.42, 114N, 49.03E, h14km, ML2.9/7, MOS 30 14:52:46.3, 0.4, 41.199N, 48.84E, h20km, MPVA3.7, ISC 30 14:52:44.6, 1.7, 41.93N, 0.06, 49.15E, 0.06, h25km, 15km, n19, c1771/38, 1C-3D, Caspian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSMR Kasumkent, AKT Akty, URKR Urkarakh, etc.

IOC 30 15:05:55.0, 0.13, 0.15, 33S, 165.73E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/24, mbtmp3.7/4, ML3.3/1, Error ellipse: s-maj=229.1km s-min=36.7km az=55.0, NOU 30 15:07:05.0, 1.5, 45.9S, 167.55E, h3km, ML3.8/4, Hypocentre not reviewed by the ISC Vanuatu Islands, ISC 30 15:06:54.0, 1.5, 15.0S, 0.1, 166.3E, 0.1, h36km, n22, c212/22, mb3.7/3, Vanuatu Islands

1301

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNC 30 15:23:14.6, 9.3, 37.00N, 70.43E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SARANOU, DVP, MARC, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SARANOU, DVP, MARC, DZM, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 30 16:22:47.6, 9.94N, 123.89E, etc.

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

2015 OCT

0113.000000, 848.000000, A-87.000000. NP2: 0288.000000, 842.000000, A-94.000000. JMA 30 16:31:33.3, 33.97N, 135.64E, h54km, 1km, M3.9

ISC 30 16:31:33.3, 0.6, 33.97N, 135.67E, 0.03, h53km, 5km, n64, 0.05, 63.73, mb3.9/19, 6C-4D, Near south coast of western Honshu

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1N1, H1N1, H1N1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1S3, H1S3, H1S3, etc.

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

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

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

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

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

30d 17h

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

TUL 30 16:52:43.6, 0.4, 36.78N, 0.02, 98.65W, 0.01, h2km, 7km, ML3.1, mb, Lg2.8/45(NEIC), Error ellipse: s-maj=3.2km

NEIC 30 16:52:43.6, 0.4, 36.78N, 0.02, 98.65W, 0.01, h8km, 7km, Error ellipse: s-maj=4.4km s-min=2.1km az=124.0, Oklahama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, etc.

ISC 30 16:44:55.3, 2.2, 1.14N, 126.71E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/30, mbtmp3.4/3, Error ellipse: s-maj=188.7km s-min=25.3km az=66.0

MOS 30 17:17:16.8, 0.0, 43.31N, 145.95E, h1km, MPVA3.3 TIF 30 17:17:17.4, 31N, 43.41N, 45.85E, h13km, 2km

DRS 30 17:17:17.0, 0.0, 43.36N, 145.76E, h13km, ML1.9/4 NORS 30 17:17:17.3, 0.0, 43.48N, 146.00E, h17km, 3.5

ISC 30 17:17:17.8, 1.1, 43.44N, 145.94E, 0.02, h17km, 8km, n40, 0.19, 72.79, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BTLS, TDK, DRK, DJR, etc.

NNC 30 17:51:53.0-1.4, 50.03N-88.69E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=15.8km s-min=10.3km az=151.0

ISC 30 17:51:54.2-2.4, 50.070N-100.058E, h0km, n10, i=137/17, 6C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKUR, AKAR, ULGR, etc.

ISC 30 17:59:27.2-4.4, 15.335S-173.35W, h0km, mb3.5/3, mb1 3.0/4, mb1mx3.6/43, mbtmp3.6/4, ML4.4/1, Error ellipse: s-maj=224.2km s-min=23.9km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, H1S2, H1S3, etc.

ISC 30 18:02:46.6-14.0, 19.25N-145.19E, h393km, mb3.0, mb3.3/7, mb1 3.4/7, mb1mx2.9/57, mbtmp3.0/7, Error ellipse: s-maj=158.5km s-min=19.0km az=80.0

ISC 30 18:02:47.4-2.7, 19.22N-145.1E, h400km, n7, i=117/7, mb3.7/7, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSR, WRA, SONM, etc.

ISC 30 18:04:51.7-6.4, 40.425S-174.76E, h57km, mb4.2/2, mb1 4.4/3, mb1mx3.7/30, mbtmp3.4/3, ML3.2/1, Error ellipse: s-maj=65.0km s-min=26.1km az=169.0

WEL 30 18:04:52.8, 40.53S-175.2E, h55km, mb4.0/6/4, ML4.3/6/4, ML4.0/6/4, Error ellipse: s-maj=0.0km s-min=0.0km az=57.5

NOU 30 18:04:52.1, 40.46S-174.73E, h85km, ML4.1/10, Cook

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIWI, OGWZ, MRZ, DUWZ, etc.

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

IDC 30 18:11:45.3-44.0, 22.53N-124.8W, h0km, mb1 3.7/2, mb1mx3.2/43, mbtmp3.8/2, ML3.6/2, Error ellipse: s-maj=525.7km s-min=119.9km az=139.0, Mauritania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORO, DBIC, H48T, etc.

MAN 30 18:12:38.0, 13.16N-120.77E, h33km, mb3.5, ML2.2, MS1.6, 2C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PGP, LUBP, etc.

IDC 30 18:22:29.2-2.0, 1.47N-126.02E, h0km, mb3.4/2, mb1 3.8/3, mb1mx3.3/34, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=121.8km s-min=26.6km az=68.0, Northern Molucca Sea

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

TUL 30 18:48:56.7-1.6, 36.29N-0.01E, h7km, mb3.6km, ML2.7, mb, Lg2.4/10(NEIC), Error ellipse: s-maj=1.9km

NEIC 30 18:48:56.5-1.1, 36.29N-0.02E, h0km, mb3.5, ML2.2, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like U32A, OKCFA, etc.

IGL 30 19:10:31.1, 37.48N-14.82W, h2km, ML2.7

INMG 30 19:10:31.8-1.9, 37.18N-15.19W, h10km, ML2.8, Error ellipse: s-maj=7.3km s-min=3.9km az=124.0

MDD 30 19:10:32.0-3.0, 37.46N-14.84W, h0km, mb4.1/11, Error ellipse: s-maj=3.9km s-min=3.2km az=52.0, PRXIMO

CNRM 30 19:10:40.6, 36.75N-14.24W, h76km, mb3.5, ISC 30 19:10:40.1-3.5, 37.45N-14.70W, h10km, n70, i=184/103, Azores-Cape St Vincent Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMAFR, PMPST, etc.

30d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the WEL 30.19:19.48,35°S, 167°E, 12h, 108km, 13km, M3.6/13, MLV3.6/13, ER3.0/13, Error ellipse: s-maj=0.0km s-min=0.0km az=77.9, South Island.

2015 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the FIJI ISLANDS.

NOU 30 19:20:49.1, 23°51'S: 179°72'W, h539km, mb4.5/19, South Fiji Islands.
IDC 30 19:20:50.0, 0.7, 23°49'S: 179°02'E, h530km, 6km, mb3.8/15, mb1.4/0.16, mb1mx3.8/30, mb1mp4.6/16, Error ellipse: s-maj=13.0km s-min=11.3km az=123.0.
NEIC 30 19:20:50.4, 1.9, 23°57'S: 0°09'180.0E: 0.1, h523km, 6km, mb4.5/107, Error ellipse: s-maj=13.9km s-min=13.2km az=133.0.
ISC 30 19:20:50.6, 0.4, 23°59'S: 0°05'179.94E: 0.06, h534km, 4km, h535km: pP-P, n300, e1849/333, mb4.4/67, 33C-7D, South Fiji Islands.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the FIJI ISLANDS.

1304

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like K05A Summer Lake, YBH Yreka Blue Her, TPB Tonopah, etc.

IDC 30 20:00:31.0.0.6, 30.085:66.64W, h24km, 3km, mb3.75, mb1 4.07, mb1mx3.8/26, mbtmp3.9/7, ML3.9/2, MS3.3/2, Ms1 3.3/2, ms1mx3.0/25, Error ellipse: s-maj=36.9km s-min=17.6km az=84.0

SJA 30 20:00:30.3.9, 30.155:0.05:66.81W, 0.07, h14km, Error ellipse: s-maj=0.0km s-min=0.0km az=188.0

NEIC 30 20:00:31.2.2.2, 30.075:0.05:66.60W, 0.06, h24km, 4km, mb4.1/3, Mb4.2(SJA), Error ellipse: s-maj=8.0km s-min=7.2km az=181.0

ISC 30 20:00:31.5.0.5, 30.005:0.06:66.59W, 0.06, h35km, n76, s144/82, mb4.5/11, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ZON Zonda, CO3 CO3, GO4 Tololo Observa, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TOR Torodi Ar. Bea, PDAR Pinedale Array, HLID Hailey, etc.

NEIC 30 20:03:48.7.0.9, 37.07N:0.02:97.51W, 0.02, h13km, 5km, Error ellipse: s-maj=2.9km s-min=2.1km az=176.0, Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like T35A Sooner Cattle, U32A Winter Ranch, R32A Long Quarter, etc.

IDC 30 20:05:02.7.2.9, 31.28S:59.19E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/33, mbtmp3.7/4, Error ellipse: s-maj=87.7km s-min=37.7km az=109.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 30 20:05:17.2.2.6, 36.17N:97.50W, h0km, mb1 3.8/3, mb1mx3.4/37, mbtmp3.5/3, ML3.6/3, Error ellipse: s-maj=42.0km s-min=15.0km az=104.0

ANF 30 20:00:30.0.2.36, 0.09N:97.58W, h5km, ML4.5/22, Error ellipse: s-maj=2.2km s-min=1.9km az=145.0

NEIC 30 20:20:31.2.36, 0.09N:0.01:97.58W, 0.03, h4km, 7km, Error ellipse: s-maj=3.0km s-min=1.8km az=77.0

TUL 30 20:20:31.4.36, 0.07N:0.01:97.57W, 0.02, h6km, 7km, ML3.8, mb, Lg3.9/11 (NEIC), Mw3.6/57 (NEIC), Error ellipse: s-maj=2.7km s-min=1.7km az=71.0

NEIC 30 20:20:3.36, 0.09N:97.57W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr0.43; Mw0.291; Mw-3.34; Mw-1.01; Mw-0.56; Mw-0.21; Fault plane solution: M3.360000/1014 NP1:228.440000, 875.020000, 167.180000. NP2:321.810000, 877.630000, 15.340000. Principal axes: T 3.3285, Plg0.0000, Azm185.0000; N 0.0661, Plg70.0000, Azm360.0000; P -3.3946, Plg2.0000, Azm95.0000.

ISC 30 20:20:19.9.1.1, 36.10N:0.03:97.58W, 0.03, h10km, 9km, n154, s111/153, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like OK009 Okadale Elemen, OK005 Luther M Schoo, OKCFA Oklahoma City, etc.

1306

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like T35B Leonard, TUL1 Leonard, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cathedral Cave, Paris, Trinidad, Harrisburg, Joes South, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Paso Ancho, Palmira, Heraklion, Heraklio, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Akamas, NATA, ALFC, Natron, etc.

INET 30:20:40.06:1.9,65N:84.04W,h40km,MW2.6
UPA 30:20:40.09:5.0,6,9,78N:83.70W,h4km,MW3.8,
Costa Rica

NOU 30:21:02:43.4,34.35S:177.37W,h0km,mb4.5/5, South of
Kermadec Islands
WEL 30:21:03:15.1,0.9,35.5,8.18'OW:1.3,h107km,27km,
M4,1/27,mb4.3/2,M4.4/25,M4V4,1/27,Mw(MB)3.4/2,
Error ellipse: s-maj=0.0km s-min=0.0km az=114.5
IDC 30:21:03:19.7,8.5,35.19S:179.22E,h44km,82km,mb3.8/2,
mb1.4/13,mb1mx3.5/32,mbtmp4.0/3,ML3.7/1,MS3.5/2,
Ms1.3/52,ms1mx2.9/32,Error ellipse: s-maj=65.9km
s-min=59.3km az=160.0
NEIC 30:21:03:21.2,1.2,35.55S:0.1x179.5E:0.1,h64km,13km,
mb4.3/8,Error ellipse: s-maj=16.5km s-min=15.8km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MXX, MAZ, WNGZ, PKGZ, etc.

30d 21h

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

IDC 30 21:07:47.8:1.2,2.74S:126.93E,h0km,mb3.8/3, mb1 4.2/6,mb1mx3.8/35,mbtm4.1/6,ML4.2/3,MS3.3/7, Ms1 3.3/7,mb1mx3.0/45,Error ellipse: s-maj=26.7km s-min=22.6km az=66.0

DJA 30 21:07:50.9:0.2,2.2S:3.12E,h10km,M4.2/13,mb4.5/7, mb4.8/5,MLv4.1/13,Mw(mb)4.1/5

NEIC 30 21:07:52.9:1.5,2.80S:0.07E,126.82E:0.07,h35km,5km, mb4.1/16,Error ellipse: s-maj=12.2km s-min=7.8km az=216.0

ISC 30 21:07:51.9:0.5,2.73S:0.06E,126.78E:0.05,h35km,n48, a=162/46,mb4.3/3,MS3.3/5,Ceram Sea

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

2015 OCT

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MAKZ, ZALV, AKASO, etc.

1308

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

30d 21h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WMQ Urumqi, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

ICD 30 21:48:02.6:0.7, 28.06N:53.01E, h0km, mb4.2/19, mb1.4, 3/23, mb1mx4.1/53, mbtmp4.2/23, ML3.6/4, MS3.9/30, Ms1.3/30, ms1mx3.7/52, Error ellipse: s-maj=15.3km s-min=14.7km

TEH 30 21:48:03.4, 28.19N:53.09E, h7km, ML4.4 MOS 30 21:48:03.1:1.0, 28.06N:53.19E, h10km, mb4.6/13, Error ellipse: s-maj=8.3km s-min=5.5km az=93.8

THR 30 21:48:04.3:0.6, 28.16N:53.10E, h14km, ML4.2 NEIC 30 21:48:05.1:1.8, 28.08N:0.06:53.19E, h0km, 1km, mb4.4/42, mb_Lg4.4(TEH), Error ellipse: s-maj=13.8km s-min=2.9km az=218.0

OMAN 30 21:48:08.3:0.4, 27.84N:53.02E, h20km, ms.9/10, m4.8/16, Error ellipse: s-maj=8.1km s-min=4.9km az=349.0

DSN 30 21:48:09.1:0.7, 27.95N:53.38E, h10km, mb4.7/2, ML4.6/13, Error ellipse: s-maj=12.7km s-min=5.6km az=72.0

ISC 30 21:48:04.9:0.4, 28.08N:0.04:53.11E, h0km, n279, s144/297, ms3.4/39, MS3.9/28, 8C-10D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists various stations like QIR1 Qir, JHRM Jahrom, LMD1 Lamerd, etc.

2015 OCT

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ISAD Sadrabad, AJN Ajan, ASUD Ashush, etc.

1310

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like GNI Garni, GURO Gyuroymak-BITLI, DDFL Dedofitskaro, etc.

30d 23h

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

ISC 30 22:48:57.3, 5.8, 36.19N, 70.30E, h153km, 51km, mb3.2/8, mb1.3/2/13, mb1mx3.1/52, mbtmp3.7/13, Error ellipse: s-maj=39.9km s-min=19.9km az=23.0

NNC 30 22:49:07.1, 4.2, 36.87N, 70.37E, h206km, 63km, mb3.1, mpv4.1, Error ellipse: s-maj=41.6km s-min=32.3km az=176.0

ISC 30 22:49:03.3, 0.8, 36.55N, 0.07x70.38E, 0.09, h204km, n35, r=151/39, mb3.3/7, 3C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AML, KK31, EK2S, AAK, etc.

ISC 30 23:08:28.4, 10.0, 19.57S, 177.57W, h473km, 121km, mb3.2/5, mb1.3/5, mb1mx3.2/19, mbtmp4.1/5, Error ellipse: s-maj=120.7km s-min=45.4km az=153.0

NEIC 30 23:08:33.2, 1.5, 19.75S, 0.1x177.17W, 0.09, h573km, 16km, mb4.3/35, Error ellipse: s-maj=22.7km s-min=8.8km az=154.0

2015 OCT

ISC 30 23:08:32.6, 0.7, 19.85S, 0.1x177.4W, 0.1, h550km, n48, r=133/43, mb4.2/20, Fiji Islands region

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

1312

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

KRSC 30 23:25:10.9, 1.4, 50.01N, 156.93E, h65km, 23km, ML3.7, Kuril Islands

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

TUL 30 23:32:58.6, 1.1, 36.54N, 0.01x97.20W, 0.02, h7km, 7km, ML2.5, mb, Lg2.2/13(NEIC), Error ellipse: s-maj=2.2km s-min=1.6km az=51.0

NEIC 30 23:32:58.4, 1.0, 36.54N, 0.01x97.197W, 0.009, h7km, 6km, Error ellipse: s-maj=1.7km s-min=1.2km az=175.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like T35A, OKCFA, OKCFA, etc.

ISC 30 23:33:43.3, 3.9, 36.33N, 70.85E, h184km, 33km, mb3.3/11, Error ellipse: s-maj=120.7km s-min=45.4km az=153.0

31d 4h

Table with columns: MTN, Location, Time, Status, and other metrics. Includes entries for Mantong Dam, Mantong Dam, Mantong Dam, Mantong Dam, Mantong Dam, etc.

2015 OCT

Table with columns: ASAR, Alice Springs, Alice Springs, Alice Springs, Alice Springs, etc. Includes various location and time entries.

1318

Table with columns: CNB, Canberra Magne, Canberra Magne, Canberra Magne, Canberra Magne, etc. Includes various location and time entries.

31d 6h

KSCPR	CHUPUNGYEONGS.97	276	P	Pn	06 50 42.8 +1.0
KSCHJ	Chungju	6.03 282	P	Pn	06 50 43.5 +1.2
KSCHK	Geochang	6.03 270	P	Pn	06 50 43.3 +0.9
KJSWJ	Wonju	6.06 287	P	Pn	06 50 44.0 +1.3
OKCB	Cheongsan-myeo	6.12 277	P	Pn	06 50 44.4 +1.0
KSBN	Boeun	6.13 279	P	Pn	06 50 44.6 +1.2
KSNAH	Namhae	6.13 263	P	Pn	06 50 44.0 +0.5
SEHB	SEOHWA	6.16 295	P	Pn	06 50 45.3 +1.5
KSJJA	INJE	6.17 293	P	Pn	06 50 45.2 +1.3
KSRS	Korea Array	6.17 287	P	Pn	06 50 45.2 +1.4
HAMB	Hamyang	6.18 269	P	Pn	06 50 45.1 +1.1
KSAR	Wonju Array Be	6.20 287	P	Pn	06 50 45.1 +0.9
KSAR	Wonju Array Be	6.20 287	P	Pn	06 50 45.1 +0.9
KS19	Wonju Array Si	6.23 288	P	Pn	06 50 45.0 +0.5
GWYB	Gwangyung	6.30 264	P	Pn	06 50 46.3 +0.9
EMSB	Eumseong	6.32 283	P	Pn	06 50 47.0 +1.4
KSCHC	Chuncheon	6.33 290	P	Pn	06 50 47.3 +1.5
TJN	Taejon	6.47 277 d/P	P	Pn	06 50 48.1 +0.8
NAWB	Namwon	6.47 269	P	Pn	06 50 49.0 +1.6
KSJEO	Jeonju	6.52 273	P	P	06 50 49.1 +0.1
KSICN	Icheon	6.53 285	P	P	06 50 49.3 +0.2
HWCB	Hwachon	6.58 294	P	P	06 50 50.1 +0.5
KSCEA	Cheonan	6.59 281	P	P	06 50 50.1 +0.3
KSSCH	SUNCHEON	6.64 266	P	P	06 50 50.2 -0.2
KSCWO	Cheorwon	6.65 292	P	P	06 50 50.9 +0.5
KOUJ	Gongju-si	6.65 278	P	P	06 50 51.0 +0.5
SUCA	Sunchang	6.69 269	P	P	06 50 51.1 +0.2
KOHB	KOHEUNG	6.70 262	P	P	06 50 50.9 -0.1
JTM	Temabayashi	6.70 41	P	Pn	06 50 48.9 -0.9
BOSB	Boseong-gun	6.72 263	P	P	06 50 52.0 +0.7
PYTK	Pyeongtaek	6.73 282	P	P	06 50 51.9 +0.5
SKWJ	Gwangju	6.83 267	P	P	06 50 52.4 -0.2
KSJEU	Jeongeup	6.84 270	P	P	06 50 53.0 +0.2
KSSWO	Suwon	6.88 285	P	P	06 50 53.7 +0.6
KSSWO	Suwon	6.88 285	P	P	06 50 53.2 +0.1
KSGUS	GUNSAN	6.94 274	P	P	06 50 53.7 -0.1
KSSEO	Seoul	6.96 286	P	P	06 50 54.3 +0.3
KSSEO	Seoul	6.96 286	P	P	06 50 54.3 +0.3
HAWB	Hwasong-si	7.01 283	P	P	06 50 55.0 +0.4
YNCB	YEONCHEON	7.08 291	P	P	06 50 55.9 +0.6
SMKB	Mukjeong-gil	7.13 271	P	P	06 50 56.1 +0.1
KSMUS	Musan	7.17 289	P	P	06 50 56.9 +0.5
INCN	Inchon	7.18 286	P	Pn	06 50 56.3 -0.3
INCN	Inchon	7.18 286	P	Pn	06 50 56.3 -0.3
KSSES	Seosan	7.23 280	P	P	06 50 58.0 +0.9
KSGAH	ganghwa	7.37 287	P	P	06 50 59.1 +0.4
MSHR	Mye Shultsa	7.48 336 c/P	P	Pmax	06 50 59.5 -0.3
MSHR	Mye Shultsa	7.48 336 c/P	P	Pmax	06 50 59.5 -0.3
KSJDO	Jindo	7.50 262	P	P	06 51 00.5 +0.2
KSDKI	Deokjeokdo	7.56 284	P	P	06 51 01.6 +0.8
VLA	Vladivostok	7.76 341 c/P	P	P	06 51 02.7 -0.3
HUK2	Huikwon-myeon	8.15 265	P	P	06 51 08.2 -0.4
ERM	Erimo	8.68 42 d/P	Pn	Pn	06 51 11.2 -1.6
ERM	Erimo	8.68 42	P	P	06 51 11.5 -1.3
USA0B	Ussuriysk Arra	8.75 344 c/P	P	P	06 51 14.4 -0.7
USA0B	Ussuriysk Arra	8.75 344	P	P	06 51 14.7 -0.4
USRK	Ussuriysk Ar.	8.75 344	P	P	06 51 14.7 -0.4
USRK	Ussuriysk Ar.	8.75 344	P	P	06 51 14.2 +0.6
USRK	Ussuriysk Ar.	8.75 344	P	Pn	06 51 14.2 +0.6
TEY	Ternel	9.25 61 e/P	P	Pmax	06 51 19.4 -0.1
TEY	Ternel	9.25 61 e/P	P	Pmax	06 51 19.4 -0.1
MDJ	Mudanjiang	9.81 335	P	P	06 51 27.3 +0.4
MDJ	Mudanjiang	9.81 335	P	P	06 51 27.3 +0.4
MDJ	Mudanjiang	9.81 335	P	P	06 53 20.0 +2.6
MDJ	Mudanjiang	9.81 335	P	P	07 03 32.8 +0.7
MDJ	Mudanjiang	9.81 335	P	Pmax	06 51 27.4 +0.4
ASAJ	Asahikawa	9.98 32	P	Pn	06 51 27.4 -0.7
ASAJ	Asahikawa	9.98 32	P	Pn	06 53 10.2 -1.1
ASAJ	Asahikawa	9.98 32	P	Pn	06 51 26.8 -1.3
JKA	Kamikawa-asahi	9.98 32	P	Pn	06 51 26.8 -1.3
JCJ	Chichijima	10.48 144	P	Pn	06 51 28.0 -6.3
JCJ	Chichijima	10.48 144	P	Pn	06 53 19.1 -1.3
JOW	Kunigami	10.80 216	P	Pn	06 51 36.9 -1.1
CN2	Changchun	11.00 319	e/P	Pmax	06 51 40.8 +0.6
CN2	Changchun	11.00 319	e/P	Pmax	06 51 40.8 +0.6
CN2	Changchun	11.00 319	e/P	Pmax	06 51 40.8 +0.6
YUK	Yuzh-Kuril'sk	11.51 411 e/P	P	P	06 51 43.5 -2.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	P	06 51 56.3 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	P	06 54 05.9 -7.1
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 00.6 +0.2
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 52 06.6 +0.3
YSS	Yuzh-Sakhalins	12.43 24	e/P	Pmax	06 51 56.2 +0.4</

1323

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like J20K, K20K, L20K, etc.

2015 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARU, KLU, RIDG, etc.

31d 6h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FINES, STKA, STKA, etc.

31d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bay, YHL Heblen Lake, H17A Grant Village, etc.

RSPR 31 06:56:32.8, 19.46N, 68.69W, h36km, 22km, MD3.5/4
NEIC 31 06:56:32.6, 1.0, 19.3N, 0.3:68.76W, 0.07, h41km, 87km,
Error ellipse: s-maj=38.5km s-min=7.7km az=189.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DR12 Loma Pena Alta, IDE Isla Descecho, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUMP Monte Pirata, MTP Monte Pirata, etc.

IDC 31 07:09:37.5, 3.5, 55.44N, 156.81W, h0km, mb3.5/4,
mb1 3.77, mb1mx3.5/61, mbtmp3.6/7, ML3.6/3, Error
ellipse: s-maj=76.9km s-min=26.5km az=158.0

AEIC 31 07:09:46.1, 4, 56.105N, 0.03:156.63W, 0.04, h0km, 9km,
mb1 3.2, ML3.4/24(NEIC), Error ellipse: s-maj=7.5km
s-min=4.1km az=80.0

NEIC 31 07:09:46.6, 1.3, 55.99N, 0.07:156.55W, 0.09,
h64km, 23km, Error ellipse: s-maj=10.0km s-min=7.3km
az=173.0

IDC 31 07:09:47.1, 1.1, 56.15N, 0.08:156.48W, 0.06, h48km, n45,
a158/42, mb3.7/4, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIR Chirikof Islan, CHGN Chignik, etc.

1324

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TDBA Terre de Bas, TBA Guadaloupe-3, etc.

IDC 31 07:36:57.4, 4.8, 36.14N, 70.29E, h168km, 41km, mb3.2/8,
mb1 3.4/11, mb1mx3.4/4, mbtmp3.8/11, MS4.1/1,
Ms1 4.1/1, ms1mx2.6/35, Error ellipse: s-maj=34.5km
s-min=25.7km az=18.0

NNC 31 07:37:06.1, 4.9, 36.87N, 70.32E, h196km, 57km, mb3.2,
mpv4.2, Error ellipse: s-maj=42.4km s-min=29.2km
az=22.0

IDC 31 07:37:02.9, 1.1, 36.60N, 0.09:70.38E, 0.10, h204km, n26,
a136/31, mb3.5/7, 5C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, etc.

BGR 31 07:56:27.8, 0.0, 39.61N, 143.66E, h33km, mb4.9
IDC 31 07:56:31.8, 0.4, 39.83N, 138.61E, h0km, mb4.4/27,
mb1 4.5/34, mb1mx4.4/53, mbtmp4.4/34, ML3.7/7, MS3.4/14,
Ms1 3.4/14, ms1mx3.3/38, Error ellipse: s-maj=13.0km
s-min=9.8km az=108.0

NEIC 31 07:56:36.8, 39.79N, 138.66E, h11km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, M3.18; ...

ISC 31 07:56:35.6-0.5, 39.81N, 138.71E, 0.03, h25km, 3km, h25km; p-P, N363, o1929407, mb4.8/95, MS3.9/18, 25C-17D, Eastern Sea of Japan

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

Main table with columns: SKR, BJI, TIA, etc. Station codes, names, coordinates, and seismic data. Includes stations like Severo-Kuril's Beijing, Tai'an, Nanjing, etc.

Table with columns: WMQ, ZAAO, ZALV, etc. Station codes, names, coordinates, and seismic data. Includes stations like Zalesovo Array, Zalesovo Beam, etc.

Table of astronomical observations for 31 days, 8 hours. Columns include station ID (e.g., I29M, EPYK), station name, coordinates, elevation, and various observation parameters like SNR, elevation angle, and time.

Table of astronomical observations for 31 days, 8 hours. Columns include station ID (e.g., YBH, YBH), station name, coordinates, elevation, and various observation parameters like SNR, elevation angle, and time.

Table of astronomical observations for 31 days, 8 hours. Columns include station ID (e.g., SOKA, PV21), station name, coordinates, elevation, and various observation parameters like SNR, elevation angle, and time.

31d 9h

Table with columns for team names (KBN, KRC, etc.), scores, and player names. Includes sub-headers like 'KBN Korca' and 'KRC Korca'.

2015 OCT

Table with columns for team names (ZAPS, PLG, NYDR, etc.), scores, and player names. Includes sub-headers like 'ZAPS Polygyros' and 'PLG Polygyros'.

1328

Table with columns for team names (KOLS, JAVC, ABTA, etc.), scores, and player names. Includes sub-headers like 'KOLS Kolonice sedl' and 'JAVC Velka Javorina'.

SONM Songoing Array 58.63 52 P P 09 30 29.8 -0.7
SONM comp=Z,2.8nm,1.2s
CMAR Chiang Mai Arr 69.69 83 P P 09 31 41.2 -2.0

ILAR Elselon Array 73.72 354 P P 09 32 05.4 -1.3
TXAR Lajitas Array 92.62 313 P P 09 33 43.0 -2.3
DNK 31 09:30:04.5-1.5,71.95N-30.93W,h9km,16km,ML2.7, Eastern Kalaallit Nunaat

SC0 Scoresbysund 3.26 113 eS Sn 09 31 32.1 -2.4
SC0 Scoresbysund 3.26 113 eP Sn 09 30 56.5 +0.8
DBG Daneborg 3.91 48 eS Sn 09 32 04.5 +3.6

DAG Danmarks Havn 5.86 29 eS Sn 09 33 03.0 +6.3
DAG Danmarks Havn 5.86 29 eS Sn 09 32 34.6 -3.8
ATH 31 09:34:35.2,38.91N-24.32E,h13km,3km,ML2.6/1, Error ellipse: s-maj=4.7km s-min=0.9km az=53.0

SKY Skiros Island 0.17 96 P P 09 34 39.0 -0.3
SKY Skiros Island 0.17 96 S P 09 34 42.1 -0.1
SKY Skiros Island 0.17 96 S P 09 34 39.2 -0.2

NEO Neokhori 0.95 286 P P 09 34 52.9 +0.7
ATHU Athens Univers 1.02 205 P P 09 34 54.0 0.0
LKR Lokris 1.07 257 P P 09 34 54.7 -0.5

LKR Lokris 1.07 257 P P 09 34 55.6 -0.1
VLL Platees 1.08 231 P P 09 35 02.1 -0.2
VLL Villia 1.08 228 P P 09 34 55.2 -0.3

VLY Voula, Athens 1.12 202 P P 09 34 56.0 -0.2
SAGR SIGRI 1.23 75 S Sg 09 35 15.1 +0.3
LTK Loutraki 1.38 231 P Pn 09 35 00.1 +0.4

TIR Tirane 0.28 268 eP P 09 35 50.7 -1.1
TIR Tirane 0.28 268 eS S 09 35 59.0 +0.1
TIR Tirane 0.28 268 S Sb 09 35 54.2 +0.3

ULC Ulcinj 0.95 310 iPg P 09 36 02.5 -2.3
ULC Ulcinj 0.95 310 iPg P 09 36 17.8 +0.5
FNA Florina 1.04 123 iPg P 09 36 03.3 -2.6

BEY Berane 1.53 351 iPg P 09 36 14.4 -0.2
IVA Berane 1.53 351 iPg P 09 36 14.1 -0.6

PRVS Prvonek 1.79 50 ePg Pn 09 36 18.6 +0.4
PRVS Prvonek 0.96 44.6 +0.5 eSg Pn 09 36 20.2 +0.9
BARS Barje 1.88 38 ePn Pn 09 36 42.5 +0.9

GRUS Gruza 2.56 8 iPg Sn 09 36 28.6 0.0
STON Ston 2.42 310 ePn Pn 09 36 30.0 +0.3
ZAVS Zavoj 2.62 42 ePn Pn 09 36 29.8 +0.3

TKM2 Tokmak 2 7.12 31 iPg Pn 09 39 09.2 +4.1
GEYT Alibek 10.02 280 P Pn 09 39 43.3 -1.2
MKAR Makanchi Array 13.14 38 P Pn 09 40 18.3 -7.9

AKTO Aktyubinsk 16.29 30 P Pn 09 41 08.1 +0.7
AKTO Aktyubinsk 16.29 30 P Pn 09 41 07.3 +1.1
ZALV Zalesovo Beam 19.68 25 P P 09 41 40.0 -4.4

ASAR Alice Springs 48.08 255 P P 09 48 13.3 -0.5
WRA Warrungarra Arr 47.05 260 P P 09 48 14.3 +0.3
NOA NORAS Array B 43.89 323 P P 09 45 20.9 +1.1

HEL 31 09:47:17.1-1.0,2,60.97N-29.10E,h0km,ML1.9,Explosion
IDL 31 09:47:19.1-1.9,60.90N-28.88E,h0km,mb1 3.4/3,
s-maj=16.6km s-min=11.2km az=161.0

VJF Virojoki 0.82 237 PG P 09 47 33.1 -0.2
VJF Virojoki 0.82 237 SB S 09 47 45.0 +0.4
FINES FINESS Array B 1.47 289 PG P 09 47 44.5 -0.3

KEF Keuruu 2.28 303 SG P 09 48 26.8 -0.8
KEF Keuruu 2.28 303 MSG P 09 48 26.8 -0.8
KEF Metsahovi 2.38 253 SG P 09 48 28.7 -1.3

TDBA Terre de Bas, 0.10 308 eP Pn 09 57 40.2 -3.9
TDBA Terre de Bas, 0.10 308 eS Sg 09 57 42.0 -4.2
TDBA Terre de Bas, 0.10 308 eP Pn 09 57 45.9 +1.8

TDBA Guadaloupe-3 0.11 307 eP Sg 09 57 47.9 +1.6
TDBA Guadaloupe-3 0.11 307 eP Sg 09 57 40.3 -3.9
TDBA Guadaloupe-3 0.11 307 eP Sg 09 57 42.1 -4.3

MDPV Dominica, Penn 0.20 141 eS S 09 57 48.2 +1.0
MDVC Dominica, Viel 0.23 140 eS S 09 57 51.6 +1.0
CBE Ff, Capester 0.28 350 eS S 09 57 53.7 +1.3

LOOK Lodwar 24.25 250 P P 09 10 36.6 +1.1
KMB0 Kisma Mbogo 24.76 28 P LR 09 10 20.9 +0.2
PALK Pallekele 22.88 10 LR LR 09 10 50.0 0.0

LOOK Lodwar 24.25 250 P P 09 10 36.6 +1.1
KMB0 Kisma Mbogo 24.76 28 LR LR 09 10 20.9 +0.2
PALK Pallekele 22.88 10 LR LR 09 10 50.0 0.0

CM31 Chiang Mai Arr 39.73 76 P P 09 16 51.7 +0.6
CMAR Chiang Mai Arr 39.73 76 P P 09 16 51.4 +0.4
CMAR Chiang Mai Arr 39.73 76 P P 09 16 51.0 0.0

CMAR Chiang Mai Arr 39.73 76 P P 09 16 51.0 0.0
MK31 Makanchi Array 39.74 26 P P 09 16 50.6 -0.1
MKAR Makanchi Array 39.74 26 P P 09 16 51.8 +1.1

WRA Warrungarra Arr 81.66 113 P P 09 21 35.5 -1.6
ASAR Alice Springs 82.35 116 P P 09 21 39.0 -1.6
TORD Torodi Arr 54.88 277 P P 09 18 50.4 +1.2

KSAR Wanjui Arr 66.45 55 P P 09 20 07.7 -0.1
JOW Kunigami 66.87 66 P P 09 20 11.8 +1.1
H01W3 Cape Leeuwin H 71.02 134 T T 11 38 17.4

TNTI Ternate 1.76 166 P Pn 09 18 54.3 -1.4
TNTI Ternate 1.76 166 P S 09 18 54.3 -1.4
TNTI Ternate 1.76 166 P Pn 09 18 54.3 -1.4

PCI Palu 7.87 245 P Pn 09 20 24.2 +4.4
MMSI Mamuju 9.54 237 P Pn 09 20 43.2 +0.4
KNRA Kununurra 11.84 174 P Iamb 09 20 23.6 -1.8

IDC 31 10:09:16.2-1.3, 12.40N:58.19E,h0km,mb3,777,
mb1 3.9/8,mb1mx3.6/64,mbtmp3.9/78,ML4.3/1,MS3.3/4,
Ms1 3.4/4,ms1mx2.9/46,Error ellipse: s-maj=31.5km

IDC 31 09:37:12.6-5.9,36.31N:71.41E,h43km,34km,mb3.7/3,
mb1 3.7/9,mb1mx3.3/64,mbtmp3.9/9,ML3.6/6,Error
ellipse: s-maj=74.7km s-min=26.1km az=147.0

IDC 31 09:37:23.5-1.8,36.9N:70.52E,h112km,139km,mb3.1,
mpv3.5,Error ellipse: s-maj=54.1km s-min=41.7km
az=13.0

IDC 31 09:37:23.5-1.8,36.9N:70.52E,h112km,139km,mb3.1,
mpv3.5,Error ellipse: s-maj=54.1km s-min=41.7km
az=13.0

IDC 31 09:39:32.1-4.8,19.09S:174.48W,h0km,mb3.6/3,
mb1 3.9/5,mb1mx3.6/24,mbtmp3.6/3,Error ellipse:
s-maj=325.9km s-min=33.7km az=153.0,Tonga Islands

IDC 31 09:47:17.1-1.0,2,60.97N-29.10E,h0km,ML1.9,Explosion
IDL 31 09:47:19.1-1.9,60.90N-28.88E,h0km,mb1 3.4/3,
s-maj=16.6km s-min=11.2km az=161.0

IDC 31 09:47:16.7-1.6,60.99N:0.04:28.95E,0.06,h6km,11km,
n14,-0.19/24,Finland-Karelia border region

IDC 31 10:18:23.0-0.6,3.3N:4.12E,h10km,M4.2/11,mb4.6/5,
mB5.0/2,MLV4.0/11,Mw(mB)4.3/2
IDC 31 10:18:25.3-1.7,2.12N:126.58E,h0km,mb3.8/6,
mb1 4.0/6,mb1mx3.7/46,mbtmp3.9/6,MS2.9/1,Ms1 2.9/1,
ms1mx2.4/44,Error ellipse: s-maj=109.1km s-min=24.1km
az=67.0

IDC 31 10:18:29.9-1.2,2.12N:0.05:126.6E:0.1,h35km,2km,
mb4.2/11,Error ellipse: s-maj=187.0km s-min=5.8km

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

IDC 31 10:18:25.1-0.9,2.49N:0.08:127.0E:0.1,h10km,n37,
e24/33,mb4.0/10,Northern Molucca Sea

Table with columns: LSNR, comp, Z, smax, smax, and various station names like Lesken, Meteo, Abastumani, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station names like Urumqi, Makanchi Array, etc.

Table with columns: ASAR, Alice Springs, Torodi Arr, DZM, and various station names like Leskovik, Sarande, etc.

Bottom section containing various technical notes, coordinates, and station identifiers.

az=214.0
ISC 31 12:13:55.6+0.5, 13.14N-0.06-90.84W-0.05, h33km, m214,
e1527/219, mb4.5/49, MS3.9/10, 4C, Near coast of

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists various stations like Pacaya, Fuego 3, Cerro Verde, etc.

Table with columns: U40A, Yellville, 23.19 356, P, P, 12 18 59.4 -0.2. Lists stations like Tackaleechee C, Tackaleechee C, etc.

Table with columns: YKA, comp=Z, 1.29m, 18.1s, baz=0.0, slow=42, LR, LR, 12 23 47.9. Lists stations like Yellowknife Ar, Sheldon Lake, etc.

IDC 31 12:14:17.9-3.0, 5.29S-151.03E, h0km, mb3.5/3,
mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, ML1.4/1, MS3.5/2,
MS1 3.5/2, ms1mx2.9/26, Error ellipse: s-maj=107.7km
s-min=97.7km az=122.0, New Britain region

NNC 31 12:54:55.1-2.9, 37.54N-71.45E, h0km, mb4.2, mpv3.9,
4C, Error ellipse: s-maj=22.1km s-min=19.7km az=170.0,
Afghanistan-Tajikistan border region

IDC 31 13:01:20.4-2.3, 59.82S-25.65W, h0km, mb3.9/3,
mb1 4.1/4, mb1mx3.8/23, mbtmp4.0/4, ML4.5/1, Error
ellipse: s-maj=137.1km s-min=29.9km az=96.0

ISC 31 13:01:22.7-1.1, 6.59S-92.2-26.0W-0.5, h10km, n9, e1940/9,
mb3.9/3, South Sandwich Islands region

31d 15h

Table with columns: CHN3, SHINHUA, 0.46 202 eP, Pb, 14 53 39.0 +0.6, etc. Lists various stations and their data points.

2015 OCT

Table with columns: EAST, NACB, NACB, NACB, etc. Lists various stations and their data points, including a large section for TAP 31 14:53:40.2, 24.74N:121.62E, h48km, ML2.0, A, Taiwan.

1336

Table with columns: T35A, T35A, FNO, TUL1, etc. Lists various stations and their data points, including a large section for IDC 31 15:10:03.9:26.0, 9.99N:81.46W, h0km, mb3.6/3.

Table with columns: MRKS, Merk, 3.42, 9, eP, Pb, 17 18 18.4 +1.0, etc. Includes various station names like Merke, Erkin-Say, Karagaybulak, etc.

Table with columns: PDGK, 3.7nm, 0.9s, 17 20 20.7 -1.7, etc. Includes station names like SAJU, HZTE, GUAI, etc. and technical details like 'INET 31 17:34:46.8, 10:21N:86:29W, h107km, ML4.4, MW4.2'.

Table with columns: TKL, Tuckaleechee C, 25.20, 5, P, Iamb, 17 40 17.8 -1.1, etc. Includes station names like H06E1, V51A, V53A, etc. and technical details like 'comp=Z,59nm,19.4s,baz=276,slow=37'.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PML3, PML3, PML3, Univ. de Panam, Chiriqui UPA, Isla Barro Col, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:16:35.2, 14.0, 14.87S, 165.88E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:19:10.2, 15.1, 11.64N, 125.75E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 31 18:17:9.1, 2.16, 64S, 0.09, 174.06W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:19:18.5, 2.9, 16.74S, 173.98W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:16:35.2, 14.0, 14.87S, 165.88E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, KMBO Kilima Mbojo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:20:08.0, 1.0, 55.38S, 26.95W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:24:49.4, 1.3, 55.52S, 26.13W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:33:04.7, 1.4, 13.52N, 143.36E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 31 18:46:08.0, 4.0, 7.66S, 106.40E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LEM, DBJ, Cimerak, TNG, SBJI, etc.

Code Station Name Az Phase ID Time Res ISC
CO06 Fray Jorge 0.47 22 P Pb 19 29 26.7 +0.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CO06, CO03, CO03, etc.

IDC 31 19:34:53.0.7.3.201.95S:169.48E,h0km,mb3.3/3,
mb1 3.5/4,mb1mx3.3/37,mbtmp3.3/4,MLJ.0.1,MCS3.5/1,

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

GERES GERES Array B 146.27 331 PKPbc PKPbc 19 54 34.2 +0.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SIJI, BATI, FITZ, etc.

IDC 31 19:49:44.2.0.6.1.43N:122.28E,h0km,mb3.9/10,
mb1 4.1/4,mb1mx3.9/45,mbtmp4.0/14,ML3.8/4,MS3.4/5,

NEIC 31 19:49:50.7.2.2.1.44N:0.08E:121.94E:0.06,h52km,8km,
mb4.3/20,Error ellipse: s-maj=12.1km s-min=8.1km

IDC 31 19:49:48.9.1.7.1.48N:0.05E:122.08E:0.04,h34km,5km,
n74,r195076,mb4.2/17,1D,Minahasa Peninsula,

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

31d 20h

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

IDC 31 20:19:53.0±3.9, 26.09N-44.95W, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.5/6, mbtmp3.9/6, Error ellipse: s-maj=190.1km s-min=33.9km az=25.0, Northern

Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR4.86 135 T, H10N3 ASCENSION HYDR4.86 135 T, etc.

IDC 31 20:20:48.0±1.0, 0.1595Sx172.05W, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.9/46, mbtmp3.9/8, ML4.1/1, MS3.6/2, Ms1 3.6/2, ms1mx3.1/35, Error ellipse: s-maj=39.7km s-min=17.3km az=125.0

NOU 31 20:21:18.3, 13.93S-171.77W, h16km, MLV3.3/4, Samoa Islands

IDC 31 20:04:9.7, 0.9, 15.95S-172.17W, h0km, n11, +056/10, mb3.9/7, SAAO Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI 63nm,0.3s, baz=212, slow=2.9, SNR=5.9, DZM Mont Dzumac, etc.

IDC 31 20:22:15.4±1.5, 8.35N-82.64W, h0km, mb3.9/7, mb1 4.1/9, mb1mx3.8/43, mbtmp3.9/9, ML3.9/2, MS3.2/2, Ms1 3.2/2, ms1mx2.8/28, Error ellipse: s-maj=56.1km s-min=24.1km az=33.0

UCR 31 20:22:19.5±1.6, 8.31N-82.85W, h5km, MW4.5, mb4.3(NEIC)

NEIC 31 20:22:21.4±1.5, 8.39N-0.07E, h2km, 7km, mb4.3/4, Error ellipse: s-maj=11.2km s-min=7.1km az=212.0

INET 31 20:22:31.2, 9.48N-83.38W, h15km, ML3.5, MW3.5

IDC 31 20:22:19.6±1.5, 8.30N-0.08E, h2km, 8km, mb2.2, +153/60, mb4.0/8, 1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CDITO Canoas, BRUZ Volcan, BRUZ Volcan, EDSV San Vito, etc.

2015 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZARC Zaragoza, CAUC 7.94 95 Pn, MTO3 Montecristo, etc.

IDC 31 20:24:25.6±1.0, 25.92N-44.99W, h0km, mb3.9/14, mb1 4.1/4, mb1mx3.8/62, mbtmp3.9/14, MS3.6/11, Ms1 3.6/11, ms1mx3.3/37, Error ellipse: s-maj=27.9km s-min=22.8km az=165.0

IDC 31 20:24:27.4±0.9, 25.93N-0.2, 45.0W, h12km, n26, +0596/14, mb4.1/14, MS3.6/11, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJO San Juan, SCHO Schefferville, SADO Sadow, etc.

IDC 31 20:24:25.6±1.0, 25.92N-44.99W, h0km, mb3.9/14, mb1 4.1/4, mb1mx3.8/62, mbtmp3.9/14, MS3.6/11, Ms1 3.6/11, ms1mx3.3/37, Error ellipse: s-maj=27.9km s-min=22.8km az=165.0

IDC 31 20:24:27.4±0.9, 25.93N-0.2, 45.0W, h12km, n26, +0596/14, mb4.1/14, MS3.6/11, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJO San Juan, SCHO Schefferville, SADO Sadow, etc.

TUL 31 20:35:14.2±1.2, 36.49N-102.98E, 21W, 0.03, h2km, 7km, ML2.7, mb_Lg2.2/8(NEIC), Error ellipse: s-maj=3.5km s-min=2.4km az=97.0

NEIC 31 20:35:14.2±0.7, 36.47N-102.98E, 19W, 0.04, h1km, 7km, Error ellipse: s-maj=4.6km s-min=2.3km az=91.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U32A Winter Ranch, OKCFA Oklahoma City, etc.

1342

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 0.7nm,0.4s, baz=176, slow=12, SNR=115, etc.

AZER 31 20:47:21.3±0.1, 38.42N-46.75E, h10km, ml3.4/32, Error ellipse: s-maj=2.0km s-min=1.0km az=17.0

NSPP 31 20:47:22.0, 38.42N-46.83E, h11km, Ms3.2

TEH 31 20:47:22.4, 38.37N-46.75E, h7km, ML3.4

THR 31 20:47:22.8±0.6, 38.39N-46.76E, h15km, 8km, ML3.5

ISC 31 20:47:22.2±0.9, 38.41N-0.02, 46.76E, 0.02, h17km, 8km, n81, +207/125, 2C-2D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHAR Ahar, AHAR 0.24 71 Op, etc.

IDC 31 20:47:21.3±0.1, 38.42N-46.75E, h10km, ml3.4/32, Error ellipse: s-maj=2.0km s-min=1.0km az=17.0

NSPP 31 20:47:22.0, 38.42N-46.83E, h11km, Ms3.2

TEH 31 20:47:22.4, 38.37N-46.75E, h7km, ML3.4

THR 31 20:47:22.8±0.6, 38.39N-46.76E, h15km, 8km, ML3.5

ISC 31 20:47:22.2±0.9, 38.41N-0.02, 46.76E, 0.02, h17km, 8km, n81, +207/125, 2C-2D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NAX Nakhchivan, NAX 1.25 308 P, etc.

31d 22h

Table with columns: GMJI, GUMKUMAS, 5.92 263 P, Pn, 22 04 47.0 0.0, etc. Lists various stations and their coordinates.

2015 OCT

Table with columns: ARMA, Armadale, 37.77 131 P, P, 22 10 10.5 +1.1, etc. Lists various stations and their coordinates.

1344

Table with columns: BRVK, comp=Z,4.8nm,0.8s, Iamb, Iamb, 22 14 21.2, etc. Lists various stations and their coordinates.

IDC 31 22:14:23.1z.2.3.43.12Nk:105.17W, h0km, mb4.2/2, mb1.4/1.4, mb1mx3.5/48, mbtsp3.9/4, ML3.5/2, Error ellipse: s-maj=50.3km s-min=9.0km az=158.0

NEIC 31 22:14:27.6z.1.6.43.60N:0.05:105.25W:0.08, h0kmz2km, ML3.1/40, Error ellipse: s-maj=10.7km s-min=7.3km az=62.0

ISC 31 22:14:26.3z.0.9,43.63N:0.07:105.25W:0.07, h0km, n42, r136/41, Wyoming

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time Res, h m s, ISC. Lists various stations and their coordinates.

NMC 31 22:19:12.8z.7.5.36.55N:70.23E, h109kmz148km, mb3.1, mpv3.7, Error ellipse: s-maj=56.7km s-min=45.5km az=12.0

ISC 31 22:19:05.4z.1.2,36.09N:0.008:70.4E:0.1, h100km, n19, z566/24, 3C-5D, Hindu Kush region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time Res, h m s, ISC. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like TKM2 Tokmak 2, DDI Dehra Dun, AB31 Akbulak array, etc.

IDC 31 22:21:13.1±1.5, 15.959Sx172.577W, h224km, 19km, mb3.4/4, mb1 3.6/5, mb1mx3.2/28, mbtmp3.9/5, Error ellipse: s-maj=45.0km s-min=27.7km az=117.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, WRA Warramunga Arr, etc.

NNC 31 22:39:19.2±7.4, 36.811N, 170.599E, h0km, mb3.6, mpv3.2, 3C-1D, Error ellipse: s-maj=58.2km s-min=50.4km az=165.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, TKM2 Tokmak 2, etc.

IDC 31 23:06:41.6±1.9, 8.25S, 125.28E, h0km, mb3.6/1, mb1 3.6/5, mb1mx3.4/28, mbtmp3.4/5, ML3.3/4, Error ellipse: s-maj=40.5km s-min=25.7km az=86.0, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISK 31 23:32:52.4, 35.05N, 26.66E, h5km, ML3.2/6, THE 31 23:32:53.5, 35.11N, 26.64E, h0km, 2km, ML2.9/4, Error ellipse: s-maj=8.6km s-min=0.9km az=160.0

ATH 31 23:32:53.1, 35.01N, 26.69E, h10km, 3.1km, ML3.0/3, Error ellipse: s-maj=31.6km s-min=1.3km az=0.0

IDC 31 23:32:55.6, 1.6, 36.20N, 25.75E, h0km, mb3.5/4, mb1 3.5/4, mb1mx3.2/47, mbtmp3.5/4, Error ellipse: s-maj=369.6km s-min=25.2km az=141.0

ISC 31 23:32:54.7, 1.4, 35.19N, 0.08, 26.81E, 0.04, h1km, 10km, n26, c094/36, mb3.3/4, Crete region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like ZKR Zakros, KARP Karpathos, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

TUL 31 23:34:33.9±1.1, 36.78N, 0.02, 98.66W, 0.02, h5km, 7km, ML2.8, mb_Lg2.5/16(NEIC), Error ellipse: s-maj=3.5km s-min=1.6km az=145.0

NEIC 31 23:34:34.6±1.0, 36.78N, 0.01, 98.65W, 0.02, h5km, 2km, Error ellipse: s-maj=3.5km s-min=3.0km az=287.0, Oklahoma region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like U32A Winter Ranch, R32A Long Quarter, OKCFA Oklahoma City, etc.

JMA 31 23:37:27.8, 24.60N, 122.59E, h22km, 1km, M2.0, TAP 31 23:37:28.1, 24.63N, 122.56E, h8km, 1km, ML2.9, C ISC 31 23:37:26.4, 1.1, 24.61N, 0.03, 122.58E, 0.02, h14km, 9km, n68, c0974/122, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, TWC Suao, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like NNSB baz=257, NNS Nan Shan, NNS baz=259, TWY Chenhua, etc.

IDC 31 23:39:04.5±6.7, 36.44N, 70.63E, h199km, 58km, mb3.0/4, mb1 3.1/9, mb1mx2.9/59, mbtmp3.8/9, Error ellipse: s-maj=56.2km s-min=28.5km az=42.0

ISC 31 23:39:04.5±1.5, 36.52N, 0.1x70.5E, 0.2, h200km, n16, c1940/19, mb3.2/3, 1C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like AML Almayashu, KK31 Karatay Array, EK2E Erkin-Say, etc.

	comp=Z,0.2nm,0.5s,baz=123,slow=6.5,SNR=2.3				
NVAR	Mina Array Bea	65.52 325	P	P	00 06 47.0 -0.4
	comp=Z,0.1nm,0.3s,baz=151,slow=6.2,SNR=1.8				
HLJD	Halley	67.26 331	P	P	00 06 59.8 +1.3
VNA3	Neumayer Olymp	69.16 161	P	P	00 07 09.8 0.0
VNA1	Neumayer-Stat	69.42 161	P	P	00 07 11.2 +0.2
VNA2	Neumayer-Watz	69.78 161	P	P	00 07 12.8 +0.8
SNA4	Sanae	71.38 161	P	P	00 07 23.9 +0.4
SNA4			I Amb	I Amb	00 07 32.2
	comp=Z,2.6nm,0.7s				
SNA4	Sanae	71.38 161	P	P	00 07 22.9 +0.6
DBIC	Dimbokro	73.82 79	P	P	00 07 39.5 +0.7
	comp=Z,2.2nm,0.6s,baz=269,slow=2.5,SNR=5.2				
DBIC			LR	LR	00 38 29.8
	comp=Z,86nm,18.2s,baz=179,slow=34				
DBIC	Dimbokro	73.82 79	P	P	00 07 39.1 +0.2
KOWA	Kowa	76.98 71	P	P	00 07 57.8 +0.8
KOWA			I Amb	I Amb	00 08 19.3
	comp=Z,5.3nm,1.1s				
TORD	Torodi Ar. Bea	81.86 74	P	P	00 08 24.0 +0.4
	comp=Z,4.2nm,0.9s,baz=266,slow=3.6,SNR=15				
TORD	Torodi Ar. Bea	81.86 74	P	P	00 08 24.4 +0.8
TORD			I Amb	I Amb	00 08 27.0
	comp=Z,5.8nm,1.0s				
ESDC	Sonsecq Array	85.88 47	LR	LR	00 47 10.1
	comp=Z,60nm,18.1s,baz=230,slow=36				
H11N3	WAKE ISLAND Hyt	19.61 285	T	T	02 25 23.0
	baz=96,slow=74,SNR=239				
H11N2	WAKE ISLAND Hyt	19.62 285	T	T	02 25 22.9
	baz=96,slow=74,SNR=378				
H11N1	WAKE ISLAND Hyt	19.62 285	T	T	02 25 22.8
	baz=96,slow=74,SNR=128				
H11S2	WAKE ISLAND Hyt	19.67 283	T	T	02 25 26.2
	baz=94,slow=75,SNR=37				
H11S1	WAKE ISLAND Hyt	19.68 283	T	T	02 25 24.7
	baz=94,slow=75,SNR=53				
H11S3	WAKE ISLAND Hyt	19.69 283	T	T	02 25 26.2
	baz=94,slow=75,SNR=46				
WRA	Warramunga Arr	134.60 222	PKP	PKPdf	00 15 21.9 -1.0
	comp=Z,0.4nm,0.8s,baz=138,slow=1.8,SNR=1.9				
ZALV	Zalesovo Beam	137.68 17	PKP	PKPdf	00 15 26.4 -1.2
	comp=Z,0.2nm,0.3s,baz=320,slow=3.6,SNR=1.9				
MKAR	Makanchi Array	142.92 25	PKP	PKPdf	00 15 36.0 -1.3
	comp=Z,0.6nm,0.9s,baz=357,slow=2.9,SNR=2.0				
SONM	Songino Array	146.43 357	PKPbc	PKPdf	00 15 43.6 +0.1
	comp=Z,1.1nm,0.6s,baz=326,slow=3.7,SNR=5.2				
SONM	Songino Array	146.43 357		PKPdf	00 15 44.0 +0.4

ISC Computed Locations for October 2015

