

MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY

(produced by the Federal Seismological Survey/BGR - HANNOVER)

September 2021 UPDATED 22.December 2022

Please note that local events recorded in Germany are part of the "LOCAL BULLETIN".

Event 10901001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/01	08:21:05.20			-18.7100	-174.0500				40.0					147.73	148.71	m i ke	EMSC
OrigID 10901033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	10901007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.71		PKP	08:40:48.888		9.7		1.79		TAS		41.7	1.23	m_e	
GRA1	148.71		L	10:03:00.404						T__		558.0	20.50	a_e Ms	5.3
MOX	147.73		L	10:01:43.043						T__		426.6	21.50	a_e Ms	5.2

Event 10901003 Near coast of northern Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/01	18:35:44.30			-27.7400	-71.1900				16.0					106.08	106.70	m i ke	EMSC
OrigID 10901035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	10901009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	106.08		PP	18:54:13.242		246.1		6.82		TAS				m_e	
GRA1	106.08		L	19:35:39.615						T__		979.2	21.90	a_e Ms	5.3
MOX	106.70		L	19:37:11.812						T__		882.5	21.30	a_e Ms	5.3

Event 10901004 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/01	19:17:03.69			37.4030	141.7510				33.0					82.79	82.79	m i ke	BGR
OrigID 10901010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10901010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.79		P	19:29:23.788		39.2		4.41		TAS		6.7	0.88	m_e mb	4.9

Event 10901005 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/01	22:51:33.29			-2.1530	-15.1260				10.0					56.44	56.44	m i ke	BGR
OrigID 10901011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10901011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	56.44		P	23:01:16.310		213.8		7.69		TAS		15.8	1.16	m_e mb	4.9

Event 10902001 South of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/02	08:08:35.54			53.9490	-159.9010				33.0					76.33	76.33	m i ke	BGR
OrigID 10902007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10902007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	76.33		P	08:20:20.327		353.5		5.23		TAS		8.7	1.09	m_e mb	4.8

Event 10902004 Azores Islands region

./bul2109.txt

Wed Jan 11 09:16:11 2023

3

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/02	14:17:56.50			41.9600	-29.3500				10.0					29.00	29.00	m i ke	EMSC
OrigID 10902036																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10902010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	29.00		P	14:23:57.037		270.2		8.74		TAS		25.5	1.86	m_e mb	4.7

Event 10902005 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/02	20:25:35.12			50.4180	150.1900				33.0					74.16	74.16	m i ke	BGR
OrigID 10902011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10902011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	74.16		P	20:37:07.461		24.9		4.98		TAS		22.1	1.00	m_e mb	5.1

Event 10902006 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/02	23:20:19.40			-30.2000	-177.0100				10.0					159.49	159.49	m i ke	EMSC
OrigID 10902038																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	159.49		PKP	23:40:55.831		20.8		4.11		TAS				m_e	

Event 10903001 Eastern Caucasus

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/03	03:34:52.74			42.5120	46.5730				33.0				5	23.68	27.24	m i ke	BGR
OrigID 10903007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10903007
Ms	3.5		BGR	10903007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	25.91		P	03:40:20.008		96.6		9.63		TAS		18.7	1.22	m_e	mb 4.6
BFO	27.24		L	03:52:33.332						T__		139.7	18.70	a_e	Ms 3.6
BRG	23.72		P	03:40:00.682		96.6		9.63		TAS		14.5	1.01	m_e	mb 4.5
BSEG	26.41		L	03:51:34.377						T__		156.4	20.90	a_e	Ms 3.5
CLL	24.37		P	03:40:06.581		96.6		9.63		TAS		21.8	0.76	m_e	mb 4.8
CLL	24.37		L	03:50:08.341						T__		191.9	20.20	a_e	Ms 3.6
FLT1	25.59		P	03:40:17.803		96.6		9.63		TAS		14.3	0.89	m_e	mb 4.6
FUR	25.28		L	03:51:25.084						T__		90.4	21.80	a_e	Ms 3.2
GEC2	23.68		P	03:40:00.274		96.6		9.63		TAS		9.5	0.84	m_e	mb 4.3
GRA1	25.35		P	03:40:16.492		96.6		9.63		TAS		8.2	0.89	m_e	mb 4.5
GRA1	25.35		L	03:51:01.967						T__		156.1	20.20	a_e	Ms 3.5
MOX	25.16		P	03:40:13.549		96.6		9.63		TAS		9.3	1.13	m_e	mb 4.4
MOX	25.16		L	03:50:34.804						T__		237.4	20.60	a_e	Ms 3.7
NEUB	25.12		P	03:40:13.651		96.6		9.63		TAS		67.6	0.84	m_e	mb 5.4
PLN	24.80		P	03:40:10.198		96.6		9.63		TAS		17.4	1.94	m_e	mb 4.5
TANN	24.60		P	03:40:08.499		96.6		9.63		TAS		11.5	1.20	m_e	mb 4.5
WET	24.24		L	03:50:29.734						T__		134.0	19.70	a_e	Ms 3.4

Event 10903002 Sea of Okhotsk

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/03	10:14:25.30			49.4900	146.9800				570.0			13		71.71	76.12	m i ke	EMSC
OrigID 10903034																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	10903008
MBB	5.8		BGR	10903008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.05		P	10:24:53.050	0.2	28.2		5.73		TAS		30.8	0.74	m_e	mb 5.5
BFO	76.12		P	10:25:15.861		28.2		5.73		TAS		43.2	0.90	m_e	mb 5.6
BRG	72.16		P	10:24:53.491	-0.0	28.2		5.73		TAS		21.8	0.69	m_e	mb 5.4
CLL	72.08		P	10:24:52.944	0.1	28.2		5.73		TAS		158.1	0.61	m_e	mb 6.3
FLT1	71.71		P	10:24:50.729	0.1	28.2		5.73		TAS		81.7	0.68	m_e	mb 6.0
GEC2	74.00		P	10:25:04.227		28.2		5.73		TAS		32.4	0.60	m_e	mb 5.5
GRA1	74.04		P	10:25:04.954		28.2		5.73		TAS		138.6	0.61	m_e	mb 6.2
IBBN	72.72		P	10:24:56.832	0.5	28.2		5.73		TAS		83.3	0.72	m_e	mb 6.0
KAST	73.52		P	10:25:01.651		28.2		5.73		TAS		47.7	0.99	m_e	mb 5.5
MOX	73.08		P	10:24:59.052		28.2		5.73		TAS		25.2	0.58	m_e	mb 5.5
PLN	73.06		P	10:24:58.888		28.2		5.73		TAS		13.8	1.04	m_e	mb 5.0
RETH	71.89		P	10:24:52.242	0.0	28.2		5.73		TAS		43.3	0.76	m_e	mb 5.7

WET 74.00 P 10:25:04.710 28.2 5.73 TAS 42.0 0.61 m_e MBB 5.8

Event 10903003 Sichuan, China

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/09/03 13:30:45.45 28.0740 104.3520 33.0 68.97 74.06 m i ke BGR
10903009

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 10903009
Ms 4.1 BGR 10903009

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BFO, BRG, BSEG, CLL, FUR, GEC2, GRA1, GTTG, KAST, MOX, WET, and WLF.

Event 10904001 Southern Xinjiang, China

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/09/04 01:21:12.70 37.9200 78.1100 10.0 46.17 51.31 m i ke NEIC
10904039

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 10904007

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BFO and BRG.

BSEG	47.86	P	01:29:53.424	77.6	6.52	TAS	8.0	0.78	m_e	mb	4.9
CLL	46.68	P	01:29:43.238	77.6	6.52	TAS	3.7	0.87	m_e	mb	4.5
GEC2	46.70	P	01:29:43.878	77.6	6.52	TAS	3.4	1.12	m_e	mb	4.4
GRA1	48.11	P	01:29:55.628	77.6	6.52	TAS	7.5	0.91	m_e	mb	4.8
GRA1	48.11	L	01:52:02.881			T__	85.9	21.90	a_e		
MOX	47.67	L	01:51:46.883			T__	111.3	20.00	a_e		
PLN	47.36	P	01:29:49.463	77.6	6.52	TAS	0.9	0.94	m_e	mb	3.9
TANN	47.18	P	01:29:48.259	77.6	6.52	TAS	3.9	1.06	m_e	mb	4.5
WET	47.17	P	01:29:47.033	77.6	6.52	TAS	9.5	1.57	m_e	mb	4.7
WLF	51.31	P	01:30:20.291	77.6	6.52	TAS	9.4	1.01	m_e	mb	4.7

Event 10904002 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/04	01:28:15.00			37.8260	76.6380				33.0			12		45.33	50.47	m i ke	BGR
10904008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10904008
Ms	3.8		BGR	10904008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	49.42		L	02:00:08.102						T__		63.2	19.00	a_e	Ms	3.6
BRG	45.33		P	01:36:28.683		78.5		7.80		TAS		5.8	0.82	m_e	mb	4.5
BSEG	47.08		P	01:36:42.229	0.4	78.5		7.80		TAS		10.6	0.78	m_e	mb	5.0
BSEG	47.08		L	01:58:47.841						T__		145.6	19.70	a_e	Ms	4.0
CLL	45.85		P	01:36:32.225	0.4	78.5		7.80		TAS		4.4	0.75	m_e	mb	4.6
CLL	45.85		L	01:58:03.212						T__		162.8	18.70	a_e	Ms	4.0
FLT1	46.77		P	01:36:39.074	-0.5	78.5		7.80		TAS		9.0	0.83	m_e	mb	4.9
FUR	47.55		P	01:36:46.435		78.5		7.80		TAS		7.5	0.80	m_e	mb	4.9
FUR	47.55		L	01:58:52.230						T__		59.8	20.70	a_e	Ms	3.5
GEC2	45.83		P	01:36:32.764		78.5		7.80		TAS		5.0	1.03	m_e	mb	4.5
GRA1	47.26		P	01:36:44.382		78.5		7.80		TAS		7.1	0.79	m_e	mb	4.8
GRA1	47.26		L	01:58:09.459						T__		117.7	19.40	a_e	Ms	3.9
GTTG	47.68		P	01:36:47.414	0.0	78.5		7.80		TAS		11.7	0.78	m_e	mb	5.1
MOX	46.83		P	01:36:40.317		78.5		7.80		TAS		3.8	0.86	m_e	mb	4.5
MOX	46.83		L	01:58:34.253						T__		139.7	20.30	a_e	Ms	3.9
NEUB	46.63		P	01:36:38.683		78.5		7.80		TAS		9.3	0.84	m_e	mb	4.9
WET	46.30		P	01:36:36.447		78.5		7.80		TAS		3.9	1.07	m_e	mb	4.4
WET	46.30		L	01:58:56.376						T__		88.8	19.50	a_e	Ms	3.7
WLF	50.47		P	01:37:08.462		78.5		7.80		TAS		12.1	0.99	m_e	mb	4.8

Event 10904003 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/04	01:54:28.09			38.4980	75.6310				33.0			13		44.29	49.43	m i ke	BGR
OrigID 10904009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10904009
Ms	4.4		BGR	10904009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	48.38		L	02:26:14.800						T__		269.6	19.70	a_e	Ms 4.2
BRG	44.29		P	02:02:33.599		78.4		7.87		TAS		7.5	0.97	m_e	mb 4.4
BSEG	46.04		P	02:02:47.116	0.4	78.4		7.87		TAS		10.8	0.86	m_e	mb 4.9
BSEG	46.04		L	02:24:53.645						T__		672.9	18.30	a_e	Ms 4.6
CLL	44.81		P	02:02:37.441	0.3	78.4		7.87		TAS		5.1	0.85	m_e	mb 4.5
CLL	44.81		L	02:24:09.310						T__		605.5	18.30	a_e	Ms 4.6
FLT1	45.73		P	02:02:44.318	-0.5	78.4		7.87		TAS		10.2	0.84	m_e	mb 4.9
FUR	46.51		P	02:02:51.769		78.4		7.87		TAS		17.7	1.14	m_e	mb 5.1
FUR	46.51		L	02:24:57.852						T__		200.9	19.30	a_e	Ms 4.1
GEC2	44.79		P	02:02:37.947		78.4		7.87		TAS		5.1	0.98	m_e	mb 4.4
GEC2	44.79		L	02:24:19.197						T__		345.7	18.70	a_e	Ms 4.3
GOR1	45.59		P	02:02:44.734		78.4		7.87		TAS		25.1	1.32	m_e	mb 5.1
GRA1	46.22		P	02:02:49.353		78.4		7.87		TAS		10.6	0.99	m_e	mb 4.8
GRA1	46.22		L	02:25:25.259						T__		481.8	19.10	a_e	Ms 4.5
GTTG	46.65		P	02:02:52.414	0.4	78.4		7.87		TAS		12.5	0.77	m_e	mb 5.1
MOX	45.79		P	02:02:44.310		78.4		7.87		TAS		8.2	1.20	m_e	mb 4.6
MOX	45.79		L	02:24:40.641						T__		532.4	20.10	a_e	Ms 4.5
NEUB	45.59		P	02:02:43.981		78.4		7.87		TAS		11.4	1.06	m_e	mb 4.8
TANN	45.30		P	02:02:41.161		78.4		7.87		TAS		9.0	1.26	m_e	mb 4.5
WET	45.27		P	02:02:41.378		78.4		7.87		TAS		7.7	1.15	m_e	mb 4.5
WET	45.27		L	02:25:12.557						T__		233.7	19.00	a_e	Ms 4.1
WLF	49.43		P	02:03:13.781		78.4		7.87		TAS		11.1	0.87	m_e	mb 4.9

Event 10904004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/04	02:15:13.90			-22.4200	-179.6000				593.0			16		147.57	153.30	m i ke	EMSC
OrigID 10904036																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.22		PKP	02:33:56.048	0.1	21.3		2.34		TAS				m_e	
BFO	153.30		PKPbc	02:34:20.679		21.3		2.34		TAS				m_e	
BRG	149.62		PKP	02:33:57.780	0.2	21.3		2.34		TAS				m_e	
BRG	149.62		PKPbc	02:34:05.041		21.3		2.34		TAS				m_e	

./bul2109.txt Wed Jan 11 09:16:11 2023 8

BSEG	147.57	PKP	02:33:52.582	0.0	21.3	2.34	TAS	m_e
BSEG	147.57	PKPbc	02:33:56.902		21.3	2.34	TAS	m_e
CLL	149.47	PKP	02:33:57.232	0.2	21.3	2.34	TAS	m_e
CLL	149.47	PKPbc	02:34:04.606		21.3	2.34	TAS	m_e
FLT1	148.92	PKP	02:33:55.531	-0.5	21.3	2.34	TAS	m_e
FLT1	148.92	PKPbc	02:34:02.103		21.3	2.34	TAS	m_e
FUR	152.81	PKPbc	02:34:19.459		21.3	2.34	TAS	m_e
GEC2	151.52	PKP	02:34:01.775		21.3	2.34	TAS	m_e
GEC2	151.52	PKPbc	02:34:13.535		21.3	2.34	TAS	m_e
GOR1	148.28	PKP	02:33:54.446	-0.1	21.3	2.34	TAS	m_e
GRA1	151.40	PKPbc	02:34:13.356		21.3	2.34	TAS	m_e
GTTG	149.91	PKP	02:33:57.556	0.2	21.3	2.34	TAS	m_e
GTTG	149.91	PKPbc	02:34:06.695		21.3	2.34	TAS	m_e
IBBN	149.55	PKP	02:33:57.380	-0.4	21.3	2.34	TAS	a_e
IBBN	149.55	PKPbc	02:34:04.859		21.3	2.34	TAS	m_e
KAST	150.52	PKP	02:33:59.690	0.1	21.3	2.34	TAS	m_e
MOX	150.42	PKP	02:33:59.418	-0.4	21.3	2.34	TAS	m_e
MOX	150.42	PKPbc	02:34:08.692		21.3	2.34	TAS	m_e
NEUB	149.87	PKP	02:33:58.337	0.2	21.3	2.34	TAS	m_e
NEUB	149.87	PKPbc	02:34:06.265		21.3	2.34	TAS	m_e
PLN	150.44	PKP	02:33:59.580		21.3	2.34	TAS	a_e
PLN	150.44	PKPbc	02:34:08.975		21.3	2.34	TAS	m_e
RETH	148.88	PKP	02:33:55.662	0.1	21.3	2.34	TAS	m_e
RETH	148.88	PKPbc	02:34:02.113		21.3	2.34	TAS	m_e
RUE	148.21	PKP	02:33:54.066	-0.2	21.3	2.34	TAS	m_e
STU	152.71	PKPbc	02:34:18.255		21.3	2.34	TAS	m_e
TANN	150.43	PKP	02:33:59.630		21.3	2.34	TAS	a_e
TANN	150.43	PKPbc	02:34:09.010		21.3	2.34	TAS	m_e
WET	151.48	PKPbc	02:34:13.711		21.3	2.34	TAS	m_e

Event 10904005 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/04	17:52:07.90			37.7700	77.9300				10.0					46.17	50.28	m i ke	EMSC
10904037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10904011
Ms	4.2		BGR	10904011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	50.28		L	18:24:44.232						T__		165.7	20.60	a_e	Ms 4.0
BRG	46.17		P	18:00:32.297		77.8		6.82		TAS		4.2	0.77	m_e	mb 4.5
BSEG	47.87		P	18:00:46.127		77.8		6.82		TAS		9.7	0.71	m_e	mb 5.0
BSEG	47.87		L	18:22:52.520						T__		418.4	18.30	a_e	Ms 4.5
CLL	46.69		P	18:00:36.148		77.8		6.82		TAS		7.1	0.94	m_e	mb 4.8

2021/09/04 20:16:04.35 -15.0470 -173.8890 33.0 144.12 146.66 m i ke IDCSEL3
10904045

Magnitude Err Nsta Author OrigID
Ms 4.2 BGR 10904013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	146.66		PKPbc	20:35:48.131		8.7		2.96		TAS					m_e
GEC2	145.63		PKPbc	20:35:45.096		8.7		2.96		TAS					m_e
GRA1	145.10		PKPbc	20:35:44.011		8.7		2.96		TAS					m_e
GRA1	145.10		L	21:37:56.774						T__		32.8	20.60	a_e Ms	4.1
MOX	144.12		L	21:44:26.457						T__		40.7	18.40	a_e Ms	4.2
WLF	145.38		PKPbc	20:35:44.690		8.7		2.96		TAS					m_e

Event 10905001 South of Mariana Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/09/04 23:03:08.90 12.2100 144.2100 5.0 103.30 108.11 m i ke EMSC
10905033

Magnitude Err Nsta Author OrigID
Ms 5.3 BGR 10905007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	108.11		L	00:10:33.725						T__		636.2	19.00	a_e Ms	5.2
BSEG	103.30		L	00:11:09.356						T__		651.2	18.00	a_e Ms	5.2
CLL	103.86		L	00:08:08.237						T__		1019.9	18.50	a_e Ms	5.4
FUR	106.78		L	00:08:56.167						T__		827.9	19.20	a_e Ms	5.3
GEC2	105.12		L	00:06:02.791						T__		779.1	21.70	a_e Ms	5.2
GRA1	105.79		Pdiff	23:17:21.862						T__					m_e
GRA1	105.79		L	00:09:34.885						T__		699.4	18.30	a_e Ms	5.2
MOX	104.96		L	00:09:33.924						T__		888.2	18.70	a_e Ms	5.3
WET	105.34		L	00:07:24.253						T__		688.0	20.10	a_e Ms	5.2

Event 10905002 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/09/05 01:17:05.90 -20.8800 -178.6700 606.0 11 146.21 151.95 m i ke EMSC
10905034

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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Wed Jan 11 09:16:11 2023

11

BFO	151.95	PKPbc	01:35:53.357		18.9	2.40	TAS	m_e
BRG	148.39	PKPbc	01:35:45.334		18.9	2.40	TAS	m_e
BSEG	146.21	PKPbc	01:35:39.556	0.1	18.9	2.40	TAS	m_e
CLL	148.21	PKPbc	01:35:44.646		18.9	2.40	TAS	m_e
FLT1	147.60	PKPbc	01:35:42.888	0.3	18.9	2.40	TAS	m_e
GEC2	150.32	PKPbc	01:35:49.559		18.9	2.40	TAS	m_e
IBBN	148.15	PKPbc	01:35:44.597	0.1	18.9	2.40	TAS	m_e
KAST	149.15	PKPbc	01:35:47.113		18.9	2.40	TAS	m_e
PLN	149.16	PKPbc	01:35:47.224		18.9	2.40	TAS	m_e
RETH	147.51	PKPbc	01:35:42.783	-0.0	18.9	2.40	TAS	m_e
TANN	149.16	PKPbc	01:35:47.267		18.9	2.40	TAS	m_e

Event 10905003 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/05	05:09:19.60			-32.4300	-179.6300				235.0			23		157.29	162.95	m i ke	EMSC
	10905035																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	158.87		PKP	05:29:25.746	-0.8	29.2		3.96		TAS					a_e
BFO	162.95		PKP	05:29:43.696		29.2		3.96		TAS					a_e
BRG	158.98		PKP	05:29:26.346	0.3	29.2		3.96		TAS					a_e
BSEG	157.29		PKP	05:29:18.846	-0.1	29.2		3.96		TAS					a_e
BUG	160.26		PKP	05:29:31.346	-0.2	29.2		3.96		TAS					a_e
CLL	158.92		PKP	05:29:25.846	0.1	29.2		3.96		TAS					m_e
FLT1	158.54		PKP	05:29:23.896	0.3	29.2		3.96		TAS					a_e
FUR	162.20		PKP	05:29:40.846		29.2		3.96		TAS					a_e
GEC2	160.74		PKP	05:29:33.796	0.1	29.2		3.96		TAS					a_e
GOR1	157.92		PKP	05:29:21.946	0.2	29.2		3.96		TAS					a_e
GRA1	160.89		PKP	05:29:35.289	-1.0	29.2		3.96		TAS					m_e
GTTG	159.58		PKP	05:29:28.996	-0.2	29.2		3.96		TAS					a_e
IBBN	159.35		PKP	05:29:27.796	0.1	29.2		3.96		TAS					a_e
KAST	160.26		PKP	05:29:31.646	-0.2	29.2		3.96		TAS					a_e
MOX	159.93		PKP	05:29:30.596	0.2	29.2		3.96		TAS					a_e
NEUB	159.40		PKP	05:29:28.096	0.2	29.2		3.96		TAS					a_e
PLN	159.90		PKP	05:29:30.646	0.1	29.2		3.96		TAS					a_e
RETH	158.62		PKP	05:29:24.496	-0.3	29.2		3.96		TAS					a_e
RUE	157.67		PKP	05:29:20.696	-0.2	29.2		3.96		TAS					a_e
STU	162.31		PKP	05:29:40.996	0.2	29.2		3.96		TAS					a_e
TANN	159.87		PKP	05:29:30.496	0.7	29.2		3.96		TAS					a_e
WET	160.80		PKP	05:29:34.596	0.2	29.2		3.96		TAS					a_e
WLF	162.17		PKP	05:29:40.596	-0.1	29.2		3.96		TAS					a_e

Event 10905004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/05	05:49:01.80			41.8910	142.7260				33.0				15	76.08	81.45	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10905010
Ms	4.7		BGR	10905010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	81.45		P	06:01:14.013		34.6		5.47		TAS		8.5	1.27	m_e	mb	4.7
BFO	81.45		L	06:28:47.758						T__		741.8	18.40	a_e	Ms	5.1
BRG	77.29		P	06:00:51.778	0.2	34.6		5.47		TAS		4.1	1.06	m_e	mb	4.5
BSEG	76.08		P	06:00:45.325	0.1	34.6		5.47		TAS		7.9	0.77	m_e	mb	4.9
BSEG	76.08		L	06:31:23.099						T__		536.9	19.10	a_e	Ms	4.9
CLL	77.29		P	06:00:51.266	0.0	34.6		5.47		TAS		6.1	0.89	m_e	mb	4.7
CLL	77.29		L	06:26:58.125						T__		205.3	21.90	a_e	Ms	4.4
FLT1	77.09		P	06:00:50.263	-0.1	34.6		5.47		TAS		7.5	0.74	m_e	mb	4.9
FUR	80.50		P	06:01:09.515		34.6		5.47		TAS		8.0	0.69	m_e	mb	4.9
FUR	80.50		L	06:25:40.310						T__		398.5	20.70	a_e	Ms	4.8
GEC2	79.02		P	06:01:01.060		34.6		5.47		TAS		2.6	0.72	m_e	mb	4.3
GRA1	79.26		P	06:01:03.072		34.6		5.47		TAS		9.2	0.77	m_e	mb	4.9
GRA1	79.26		L	06:28:21.635						T__		270.2	20.70	a_e	Ms	4.6
IBBN	78.29		P	06:00:57.381	-0.5	34.6		5.47		TAS		10.1	0.78	m_e	mb	5.0
KAST	79.00		P	06:01:01.004		34.6		5.47		TAS		2.6	0.82	m_e	mb	4.3
MOX	78.33		P	06:00:57.514		34.6		5.47		TAS		4.8	1.14	m_e	mb	4.5
MOX	78.33		L	06:28:52.861						T__		287.8	20.30	a_e	Ms	4.6
NEUB	77.83		P	06:00:54.610	0.2	34.6		5.47		TAS		10.9	1.08	m_e	mb	4.9
RETH	77.40		P	06:00:52.270	-0.1	34.6		5.47		TAS		3.8	0.73	m_e	mb	4.6
STU	80.77		P	06:01:10.944		34.6		5.47		TAS		13.2	0.85	m_e	mb	5.0
WET	79.09		P	06:01:01.817		34.6		5.47		TAS		3.3	0.80	m_e	mb	4.4
WET	79.09		L	06:25:58.248						T__		418.0	21.90	a_e	Ms	4.7

Event 10905005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/05	17:51:44.40			-21.9300	-174.7100				10.0				20	147.73	153.45	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	10905011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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Station	Mag	Type	Time	Err	RMS	Lat	Long	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
BFO	153.45	PKPdf	18:11:35.486		11.8					1.54	TAS							m_e	
BFO	153.45	L	19:27:21.747								T__	4426.1	18.90					a_e Ms	6.3
BRG	150.25	PKPdf	18:11:31.003	0.5	11.8					1.54	TAS							m_e	
BSEG	147.73	PKPdf	18:11:26.919	-0.1	11.8					1.54	TAS							m_e	
BSEG	147.73	L	19:28:35.282								T__	5875.9	18.20					a_e Ms	6.4
BUG	150.41	PKPdf	18:11:30.937	-0.0	11.8					1.54	TAS							m_e	
CLL	149.98	PKPdf	18:11:30.587	0.1	11.8					1.54	TAS							m_e	
CLL	149.98	L	19:23:22.306								T__	6207.2	19.10					a_e Ms	6.4
FLT1	149.22	PKPdf	18:11:29.165	0.0	11.8					1.54	TAS							m_e	
FUR	153.30	L	19:28:54.707								T__	6262.0	19.30					a_e Ms	6.4
GEC2	152.24	PKPdf	18:11:33.824		11.8					1.54	TAS							m_e	
GEC2	152.24	L	19:23:52.344								T__	7226.8	19.60					a_e Ms	6.5
GOR1	148.56	PKPdf	18:11:28.488	-0.1	11.8					1.54	TAS							m_e	
GRA1	151.81	PKPdf	18:11:33.561	-0.3	11.8					1.54	TAS							m_e	
GRA1	151.81	L	19:24:57.263								T__	7677.1	19.40					a_e Ms	6.5
GTTG	150.13	PKPdf	18:11:30.412	-0.0	11.8					1.54	TAS							m_e	
IBBN	149.53	PKPdf	18:11:29.712	-0.2	11.8					1.54	TAS							m_e	
KAST	150.59	PKPdf	18:11:31.374	0.1	11.8					1.54	TAS							m_e	
MOX	150.83	PKPdf	18:11:31.899	0.3	11.8					1.54	TAS							m_e	
MOX	150.83	L	19:26:35.646								T__	5411.5	19.80					a_e Ms	6.3
NEUB	150.27	PKPdf	18:11:30.917	0.1	11.8					1.54	TAS							m_e	
PLN	150.91	PKPdf	18:11:32.074	0.2	11.8					1.54	TAS							m_e	
RETH	149.00	PKPdf	18:11:28.838	-0.1	11.8					1.54	TAS							m_e	
STU	152.94	PKPdf	18:11:34.845		11.8					1.54	TAS							m_e	
TANN	150.93	PKPdf	18:11:32.074	-0.3	11.8					1.54	TAS							m_e	
WET	152.10	PKPdf	18:11:33.999		11.8					1.54	TAS							m_e	
WET	152.10	L	19:25:33.967								T__	6905.8	19.00					a_e Ms	6.5
WLF	152.22	PKPdf	18:11:34.436	-0.1	11.8					1.54	TAS							m_e	

Event 10905006 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/05	21:28:29.66		37.6060	23.5980					33.0					13.33	17.40	m i ke	BGR
OrigID 10905012																	

Magnitude Err Nsta Author OrigID
Ms 3.0 BGR 10905012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	14.93		P	21:32:04.236		139.0		12.35		TAS		2.6	0.81	m_e	
FUR	13.87		P	21:31:52.524		139.0		12.35		TAS		13.1	1.09	m_e	
GEC2	13.33		P	21:31:44.135		139.0		12.35		TAS		7.3	1.03	m_e	
GRA1	15.01		P	21:32:04.834		139.0		12.35		TAS		4.6	0.79	m_e	
GRA1	15.01		L	21:38:55.817						T__		119.5	20.20	a_e Ms	3.0
GTTG	16.94		P	21:32:24.701		139.0		12.35		TAS		6.3	0.82	m_e	
KAST	17.33		P	21:32:31.909		139.0		12.35		TAS		4.6	1.10	m_e	

./bul2109.txt Wed Jan 11 09:16:11 2023 14

MOX	15.58	P	21:32:11.236	139.0	12.35	TAS	6.3	1.17	m_e								
MOX	15.58	L	21:38:56.464			T__	92.0	19.70	a_e	Ms	3.0						
PLN	15.25	P	21:32:08.620	139.0	12.35	TAS	2.6	1.21	m_e								
TANN	15.07	P	21:32:07.316	139.0	12.35	TAS	5.1	0.94	m_e								
WET	13.90	P	21:31:50.599	139.0	12.35	TAS	6.7	1.19	m_e								
WLF	17.40	P	21:32:31.977	139.0	12.35	TAS	15.5	1.49	m_e								

Event 10906002 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/06	04:32:02.55			-28.0260	-15.9410				10.0					79.12	84.78	m i ke	BGR
10906008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10906008
Ms	4.3		BGR	10906008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	79.12		P	04:44:08.459		201.3		5.94		TAS		5.9	0.89	m_e	mb	4.6
BFO	79.12		L	05:15:45.866						T__		108.2	21.50	a_e	Ms	4.2
BSEG	84.78		L	05:20:09.644						T__		110.8	21.40	a_e	Ms	4.2
CLL	83.06		L	05:21:02.693						T__		135.7	18.60	a_e	Ms	4.3
FUR	79.73		L	05:16:01.103						T__		239.9	21.80	a_e	Ms	4.5
GRA1	81.11		P	04:44:19.753		201.3		5.94		TAS		8.6	0.70	m_e	mb	4.9
GRA1	81.11		L	05:19:43.729						T__		184.6	18.20	a_e	Ms	4.5
MOX	82.09		L	05:20:23.057						T__		170.9	18.00	a_e	Ms	4.5
WET	81.07		P	04:44:18.908		201.3		5.94		TAS		8.6	1.26	m_e	mb	4.6
WET	81.07		L	05:17:15.417						T__		148.3	20.80	a_e	Ms	4.3
WLF	79.86		P	04:44:14.066		201.3		5.94		TAS		7.1	0.78	m_e	mb	4.7

Event 10906003 Tuva-Buryatia-Mongolia border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2021/09/06	07:47:23.79			52.4580	98.9890				33.0					20	49.68	54.18	m i ke	BGR
10906009																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10906009
Ms	4.9		BGR	10906009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	50.60		P	07:56:17.643	-0.5	50.9		7.47		TAS		28.5	1.25	m_e	mb	5.1
BFO	54.18		P	07:56:44.136		50.9		7.47		TAS		27.2	1.49	m_e	mb	5.1

BFO	54.18	L	08:21:29.274						T__	1007.2	19.90	a_e	Ms	4.9
BRG	49.75	P	07:56:11.308	-0.1	50.9	7.47			TAS	14.4	0.83	m_e	mb	4.9
BSEG	49.68	P	07:56:10.866	0.3	50.9	7.47			TAS	36.5	1.06	m_e	mb	5.2
BSEG	49.68	L	08:16:39.161						T__	1079.5	18.00	a_e	Ms	4.9
BUG	52.68	P	07:56:33.230	-0.3	50.9	7.47			TAS	11.4	1.10	m_e	mb	4.7
CLL	49.95	P	07:56:12.732	-0.3	50.9	7.47			TAS	21.3	0.74	m_e	mb	5.2
CLL	49.95	L	08:17:23.163						T__	1083.0	21.20	a_e	Ms	4.8
FLT1	50.20	P	07:56:14.029	0.1	50.9	7.47			TAS	26.4	1.34	m_e	mb	5.0
FUR	52.79	L	08:17:47.770						T__	936.8	19.60	a_e	Ms	4.8
GEC2	51.11	P	07:56:22.028		50.9	7.47			TAS	10.9	0.96	m_e	mb	4.8
GEC2	51.11	L	08:19:04.376						T__	2070.0	18.10	a_e	Ms	5.2
GOR1	49.77	P	07:56:11.619	-0.1	50.9	7.47			TAS	62.2	1.42	m_e	mb	5.3
GRA1	51.85	P	07:56:27.876	-0.6	50.9	7.47			TAS	21.7	0.75	m_e	mb	5.2
GRA1	51.85	L	08:17:55.384						T__	1167.4	20.00	a_e	Ms	4.9
GTTG	51.31	P	07:56:23.656	0.1	50.9	7.47			TAS	103.3	1.43	m_e	mb	5.6
IBBN	51.89	P	07:56:26.992	0.5	50.9	7.47			TAS	35.8	1.04	m_e	mb	5.2
KAST	52.28	P	07:56:30.348	0.0	50.9	7.47			TAS	21.7	1.21	m_e	mb	5.0
MOX	51.05	P	07:56:21.419	0.5	50.9	7.47			TAS	52.9	1.49	m_e	mb	5.2
MOX	51.05	L	08:18:07.212						T__	1300.1	20.30	a_e	Ms	4.9
NEUB	50.64	P	07:56:17.895	0.0	50.9	7.47			TAS	81.3	1.55	m_e	mb	5.4
PLN	50.88	P	07:56:20.122	0.5	50.9	7.47			TAS	4.9	0.85	m_e	mb	4.5
RETH	50.86	P	07:56:19.735	-0.8	50.9	7.47			TAS	43.8	1.26	m_e	mb	5.2
STU	53.46	P	07:56:39.414		50.9	7.47			TAS	134.3	1.26	m_e	mb	5.8
TANN	50.77	P	07:56:19.231	0.3	50.9	7.47			TAS	10.0	1.02	m_e	mb	4.7
WET	51.35	P	07:56:24.035		50.9	7.47			TAS	15.7	0.91	m_e	mb	4.9
WET	51.35	L	08:17:42.727						T__	1401.0	19.30	a_e	Ms	5.0

Event 10906004 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/06	14:00:25.65		24.1440	122.3540				33.0				18		82.37	87.24	m i ke	BGR
10906010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10906010
Ms	5.0		BGR	10906010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	86.81		P	14:13:05.431		58.8		5.06		TAS		27.1	1.78	m_e	mb	5.1
BFO	86.81		L	14:57:14.465						T__		541.2	19.90	a_e	Ms	5.0
BRG	82.37		P	14:12:43.260	0.5	58.8		5.06		TAS		11.4	1.16	m_e	mb	4.9
BSEG	82.74		L	14:52:11.099						T__		444.2	21.70	a_e	Ms	4.8
BUG	85.65		P	14:13:00.348	-0.2	58.8		5.06		TAS		24.0	1.54	m_e	mb	5.1
CLL	82.67		P	14:12:45.102	0.1	58.8		5.06		TAS		51.2	1.70	m_e	mb	5.5
CLL	82.67		L	14:54:10.284						T__		912.7	18.80	a_e	Ms	5.2
FLT1	83.10		P	14:12:46.969	0.0	58.8		5.06		TAS		17.8	1.19	m_e	mb	5.2

FUR	85.24	L	14:56:45.572						T__	710.7	18.40	a_e	Ms	5.1
GEC2	83.50	P	14:12:49.439	58.8	5.06				TAS	17.6	1.04	a_e	mb	5.2
GRA1	84.47	P	14:12:54.670	58.8	5.06				TAS	16.9	0.94	m_e	mb	5.2
GRA1	84.47	L	14:55:28.255						T__	580.2	18.50	a_e	Ms	5.0
GTTG	84.18	P	14:12:52.927	0.1	58.8	5.06			TAS	81.6	1.91	m_e	mb	5.6
IBBN	84.91	P	14:12:56.459	0.2	58.8	5.06			TAS	39.6	1.25	m_e	mb	5.5
KAST	85.18	P	14:12:57.987	0.1	58.8	5.06			TAS	34.2	1.76	m_e	mb	5.3
MOX	83.76	P	14:12:50.689	0.1	58.8	5.06			TAS	35.4	1.67	a_e	mb	5.3
MOX	83.76	L	14:54:52.685						T__	873.7	19.10	a_e	Ms	5.2
NEUB	83.40	P	14:12:48.789	0.0	58.8	5.06			TAS	61.5	1.54	a_e	mb	5.6
PLN	83.55	P	14:12:49.277	0.2	58.8	5.06			TAS	14.2	1.62	m_e	mb	4.9
RETH	83.86	P	14:12:50.903	0.2	58.8	5.06			TAS	37.1	1.53	m_e	mb	5.4
TANN	83.42	P	14:12:48.939	-0.6	58.8	5.06			TAS	12.8	1.22	a_e	mb	5.0
TNS	85.70	P	14:13:00.559	58.8	5.06				TAS	15.8	1.25	m_e	mb	5.0
TNS	85.70	L	14:55:11.477						T__	351.0	21.70	a_e	Ms	4.7
WET	83.82	P	14:12:51.012	58.8	5.06				TAS	28.1	1.60	m_e	mb	5.2
WET	83.82	L	14:55:51.697						T__	644.2	19.10	a_e	Ms	5.0
WLF	87.24	P	14:13:08.280	58.8	5.06				TAS	18.5	0.92	m_e	mb	5.2

Event 10906006 Svalbard, Norway, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/06	17:32:11.13			81.2110	24.7960				33.0			21		27.71	33.43	m i ke	BGR
	10906012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10906012
Ms	4.1		BGR	10906012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	29.50		P	17:38:11.908	-0.4	3.9		8.77		TAS		70.6	1.66	a_e	mb	5.2
BFO	33.40		P	17:38:45.289		3.9		8.77		TAS		60.0	1.41	m_e	mb	5.3
BFO	33.40		L	17:53:10.197						T__		271.3	21.30	a_e	Ms	3.9
BRG	30.62		P	17:38:21.502	0.1	3.9		8.77		TAS		41.1	1.34	m_e	mb	5.2
BSEG	27.71		P	17:37:56.308	0.3	3.9		8.77		TAS		43.5	1.41	a_e	mb	5.1
BSEG	27.71		L	17:58:14.768						T__		414.9	18.40	a_e	Ms	4.0
BUG	30.36		P	17:38:18.979	-0.3	3.9		8.77		TAS		26.6	1.42	m_e	mb	4.9
CLL	30.22		P	17:38:17.808	-0.0	3.9		8.77		TAS		33.6	1.24	m_e	mb	5.0
CLL	30.22		L	17:52:25.932						T__		479.7	18.60	a_e	Ms	4.2
FLT1	29.27		P	17:38:09.508	0.2	3.9		8.77		TAS		30.6	1.39	a_e	mb	4.9
FUR	33.43		L	18:00:56.914						T__		382.3	18.60	a_e	Ms	4.1
GEC2	32.65		P	17:38:39.814		3.9		8.77		TAS		50.3	1.62	m_e	mb	5.2
GEC2	32.65		L	18:01:56.730						T__		898.7	18.90	a_e	Ms	4.5
GRA1	31.91		P	17:38:33.166	-0.6	3.9		8.77		TAS		31.2	1.13	m_e	mb	5.1
GRA1	31.91		L	17:52:19.691						T__		321.8	21.50	a_e	Ms	4.0
GTTG	30.11		P	17:38:17.458	0.3	3.9		8.77		TAS		61.7	1.36	a_e	mb	5.3

IBBN	29.47	P	17:38:11.073	0.1	3.9	8.77	TAS	43.2	1.53	m_e	mb	5.0
KAST	30.53	P	17:38:20.947	-0.0	3.9	8.77	TAS	61.9	1.71	m_e	mb	5.3
MOX	30.93	P	17:38:24.628	-0.2	3.9	8.77	TAS	46.0	1.23	m_e	mb	5.3
MOX	30.93	L	18:01:14.276				T__	393.1	18.20	a_e	Ms	4.1
NEUB	30.38	P	17:38:19.529	-0.1	3.9	8.77	TAS	39.0	1.25	m_e	mb	5.1
PLN	31.07	P	17:38:25.758	0.4	3.9	8.77	TAS	14.4	1.38	m_e	mb	4.7
RETH	28.95	P	17:38:07.194	-0.5	3.9	8.77	TAS	62.8	1.50	m_e	mb	5.2
RUE	29.02	P	17:38:07.858	-0.1	3.9	8.77	TAS	43.4	1.11	a_e	mb	5.2
TANN	31.13	P	17:38:26.408	0.0	3.9	8.77	TAS	28.6	1.34	a_e	mb	5.0
TNS	31.51	P	17:38:29.076	0.3	3.9	8.77	TAS	51.7	1.58	m_e	mb	5.2
TNS	31.51	L	18:00:12.090				T__	419.9	19.70	a_e	Ms	4.1
WET	32.38	P	17:38:37.506		3.9	8.77	TAS	60.2	1.77	m_e	mb	5.2
WET	32.38	L	18:02:10.055				T__	570.5	18.30	a_e	Ms	4.3
WLF	32.20	P	17:38:34.758	0.4	3.9	8.77	TAS	44.8	1.50	a_e	mb	5.2

Event 10907001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/07	09:49:57.40			-19.3600	-176.1400				10.0			23		145.04	150.78	m i ke	EMSC
	10907033																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	10907007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	146.78		PKPbc	10:09:39.050	0.2	13.7		2.71		TAS				a_e		
BFO	150.78		PKPbc	10:09:49.350		13.7		2.71		TAS				a_e		
BRG	147.47		PKPbc	10:09:41.305	-0.6	13.7		2.71		TAS				m_e		
BSEG	145.04		PKPbc	10:09:33.143	0.1	13.7		2.71		TAS				m_e		
BUG	147.78		PKPbc	10:09:41.700	0.4	13.7		2.71		TAS				a_e		
CLL	147.23		PKPbc	10:09:40.247	0.6	13.7		2.71		TAS				m_e		
FLT1	146.51		PKPbc	10:09:37.950	-0.2	13.7		2.71		TAS				a_e		
FUR	150.56		PKPbc	10:09:49.231		13.7		2.71		TAS				m_e		
GEC2	149.45		PKPbc	10:09:45.405	0.2	13.7		2.71		TAS				m_e		
GOR1	145.85		PKPbc	10:09:36.907	-0.1	13.7		2.71		TAS				m_e		
GRA1	149.08		PKPbc	10:09:45.898	-0.0	13.7		2.71		TAS				m_e		
GRA1	149.08		L	11:17:19.306						T__		1600.7	22.00	a_e	Ms	5.8
GTTG	147.43		PKPbc	10:09:41.230	0.2	13.7		2.71		TAS				m_e		
IBBN	146.89		PKPbc	10:09:39.361	0.6	13.7		2.71		TAS				m_e		
KAST	147.93		PKPbc	10:09:42.300	-0.7	13.7		2.71		TAS				a_e		
MOX	148.09		PKPbc	10:09:41.646	0.1	13.7		2.71		TAS				m_e		
MOX	148.09		L	11:16:16.801						T__		1938.6	21.70	a_e	Ms	5.8
NEUB	147.54		PKPbc	10:09:41.235	0.0	13.7		2.71		TAS				m_e		
PLN	148.16		PKPbc	10:09:42.585	0.1	13.7		2.71		TAS				m_e		
RETH	146.32		PKPbc	10:09:37.800	-0.1	13.7		2.71		TAS				a_e		
STU	150.25		PKPbc	10:09:48.300		13.7		2.71		TAS				a_e		

TANN	148.18	PKPbc	10:09:42.075	0.8	13.7	2.71	TAS	m_e
TNS	148.90	PKPbc	10:09:44.875	-0.0	13.7	2.71	TAS	m_e
WET	149.33	PKPbc	10:09:45.743	-0.5	13.7	2.71	TAS	m_e
WLF	149.62	PKPbc	10:09:47.116	-0.8	13.7	2.71	TAS	m_e

Event 10907003 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/07	11:15:02.40			36.0800	31.0500				60.0					18.01	22.59	m i ke	EMSC
OrigID 10907035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	10907009
Ms	4.0		BGR	10907009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	20.71		P	11:19:39.231		125.9		10.51		TAS		14.8	0.86	m_e mb	4.3
CLL	19.96		P	11:19:28.743		125.9		10.51		TAS		28.5	1.74	m_e mb	4.2
GEC2	18.01		P	11:19:07.602		125.9		10.51		TAS		9.0	1.05	m_e mb	3.8
GRA1	19.81		P	11:19:26.540		125.9		10.51		TAS		21.6	1.19	m_e mb	4.3
GRA1	19.81		L	11:39:45.398						T__		1050.2	22.00	a_e Ms	4.1
GTTG	21.57		P	11:19:45.474		125.9		10.51		TAS		18.3	0.86	m_e mb	4.5
KAST	22.15		P	11:19:51.026		125.9		10.51		TAS		11.4	1.08	m_e mb	4.2
MOX	20.19		P	11:19:31.667		125.9		10.51		TAS		16.0	0.96	m_e mb	4.2
MOX	20.19		L	11:34:31.252						T__		594.9	20.20	a_e Ms	3.9
RETH	22.59		P	11:19:57.014		125.9		10.51		TAS		9.4	1.18	m_e mb	4.2
TANN	19.63		P	11:19:25.433		125.9		10.51		TAS		7.1	1.00	m_e mb	3.9
WET	18.62		P	11:19:14.511		125.9		10.51		TAS		11.7	0.99	m_e mb	4.1

Event 10907002 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/07	13:34:13.37			37.8170	73.7720				33.0					43.54	47.57	m i ke	BGR
OrigID 10907008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10907008
Ms	3.9		BGR	10907008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	47.57		L	14:03:24.551						T__		147.2	19.40	a_e Ms	4.0
BRG	43.54		P	13:42:14.353		87.0		6.70		TAS		10.9	1.07	m_e mb	4.5
BSEG	45.41		L	14:02:51.456						T__		219.4	18.80	a_e Ms	4.1

./bul2109.txt

Wed Jan 11 09:16:11 2023

19

CLL	44.08	L	14:02:57.540			T__	73.2	20.30	a_e	Ms	3.6
FLT1	45.04	P	13:42:25.763	87.0	6.70	TAS	12.1	0.97	m_e	mb	4.8
FUR	45.67	L	14:03:24.609			T__	155.3	19.50	a_e	Ms	4.0
GRA1	45.44	P	13:42:28.468	87.0	6.70	TAS	5.8	0.76	m_e	mb	4.6
GRA1	45.44	L	14:03:16.776			T__	149.3	18.20	a_e	Ms	4.0
MOX	45.03	L	14:00:43.210			T__	101.4	20.40	a_e	Ms	3.7
TNS	47.10	L	14:01:45.796			T__	123.3	22.00	a_e	Ms	3.8
WET	44.46	L	14:01:30.704			T__	133.3	22.00	a_e	Ms	3.8

Event 10908003 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	01:39:59.19			35.4160	27.3000				33.0				6	17.33	21.99	m i ke	BGR
OrigID 10908009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	10908009
Ms	3.3		BGR	10908009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	19.06		P	01:44:13.508		137.0		12.60		TAS		14.7	1.15	m_e	mb	4.1
BFO	19.06		L	01:53:18.233						T__		26.2	19.80	a_e	Ms	2.5
BSEG	21.99		L	01:53:54.683						T__		170.1	19.20	a_e	Ms	3.5
CLL	18.92		L	01:54:14.611						T__		120.8	19.10	a_e	Ms	3.2
FLT1	20.41		P	01:44:30.493		137.0		12.60		TAS		40.5	1.49	m_e	mb	4.4
GOR1	20.89		P	01:44:35.844	0.8	137.0		12.60		TAS		54.9	1.51	m_e	mb	4.7
GRA1	18.48		P	01:44:12.740		137.0		12.60		TAS		11.0	1.14	m_e	mb	3.9
GRA1	18.48		L	01:51:15.933						T__		224.2	20.30	a_e	Ms	3.5
GTTG	20.36		P	01:44:31.424		137.0		12.60		TAS		22.7	1.07	m_e	mb	4.3
MOX	18.99		L	01:49:11.773						T__			0.00	a_e		
RETH	21.47		P	01:44:42.592	0.1	137.0		12.60		TAS		29.4	1.24	m_e	mb	4.5
TANN	18.45		P	01:44:10.251		137.0		12.60		TAS		10.7	1.31	m_e	mb	3.8
TNS	20.16		L	01:52:38.331						T__		175.2	19.60	a_e	Ms	3.4
WET	17.33		L	01:50:19.202						T__		233.4	18.10	a_e	Ms	3.5

Event 10908004 Guerrero, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	01:47:55.64			17.2800	-98.0070				33.0				21	85.08	90.64	m i ke	BGR
OrigID 10908010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	10908010

MBB 7.2 BGR 10908010
 Ms 7.2 BGR 10908010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	87.45		P	02:00:39.068	-0.3	295.6		4.71		TAS		104.0	1.06	a_e	mb 5.9
ASSE	87.45		PP	02:04:06.090		296.0		8.10		TAS				a_e	
BFO	87.65		P	02:00:39.618		295.6		4.71		TAS		83.2	1.20	a_e	mb 5.9
BFO	87.65		PP	02:04:07.540		296.0		8.10		TAS				a_e	
BFO	87.65		L	02:43:08.068						T__	127950.0	18.60		a_e	Ms 7.4
BRG	89.84		P	02:00:50.118	0.1	295.6		4.71		TAS		48.6	0.89	a_e	mb 5.7
BRG	89.84		PP	02:04:25.290		296.0		8.10		TAS				a_e	
BSEG	86.49		P	02:00:34.814	0.2	295.6		4.71		TAS		114.7	0.94	m_e	mb 6.0
BSEG	86.49		PP	02:03:58.290		296.0		8.10		TAS				a_e	
BSEG	86.49		L	02:42:48.444						T__	56323.5	18.60		a_e	Ms 7.0
BUG	85.80		P	02:00:31.390	-0.0	295.6		4.71		TAS		38.8	1.24	m_e	mb 5.4
BUG	85.80		PP	02:03:52.590		296.0		8.10		TAS				a_e	
CLL	89.11		P	02:00:46.518	-0.2	295.6		4.71		TAS		35.1	0.96	a_e	mb 5.6
CLL	89.11		PP	02:04:19.440		296.0		8.10		TAS				a_e	
CLL	89.11		L	02:41:58.452						T__	104030.0	21.70		a_e	Ms 7.2
FLT1	87.67		P	02:00:39.568	0.1	295.6		4.71		TAS		58.0	1.12	a_e	mb 5.8
FLT1	87.67		PP	02:04:07.490		296.0		8.10		TAS				a_e	
FUR	89.50		PP	02:04:22.940		296.0		8.10		TAS				a_e	
FUR	89.50		L	02:42:53.375						T__	72602.6	21.80		a_e	Ms 7.1
GEC2	90.64		P	02:00:54.018		295.6		4.71		TAS		37.5	0.99	a_e	mb 5.7
GEC2	90.64		PP	02:04:32.340		296.0		8.10		TAS				a_e	
GEC2	90.64		L	02:42:50.596						T__	83721.9	21.00		a_e	Ms 7.2
GOR1	87.43		P	02:00:38.818	0.1	295.6		4.71		TAS		532.4	2.29	a_e	mb 6.3
GOR1	87.43		PP	02:04:05.840		296.0		8.10		TAS				a_e	
GRA1	88.81		P	02:00:45.968	-0.3	295.6		4.71		TAS		69.8	1.19	m_e	mb 5.8
GRA1	88.81		PP	02:04:17.240		296.0		8.10		TAS				a_e	
GRA1	88.81		L	02:40:33.621						T__	89286.4	21.60		a_e	Ms 7.2
GTTG	87.29		P	02:00:38.318	-0.2	295.6		4.71		TAS		86.7	1.06	a_e	mb 5.8
GTTG	87.29		PP	02:04:05.190		296.0		8.10		TAS				m_e	
HLG	85.08		PP	02:03:46.690		296.0		8.10		TAS				a_e	
IBBN	85.74		P	02:00:31.096	0.0	295.6		4.71		TAS		122.6	1.02	m_e	mb 6.0
IBBN	85.74		PP	02:03:51.990		296.0		8.10		TAS				a_e	
KAST	86.55		P	02:00:34.618	0.0	295.6		4.71		TAS		94.0	1.02	a_e	mb 5.9
KAST	86.55		PP	02:03:58.740		296.0		8.10		TAS				a_e	
MOX	88.62		P	02:00:44.568	-0.1	295.6		4.71		TAS		27.4	0.97	a_e	MBB 7.2
MOX	88.62		PP	02:04:15.640		296.0		8.10		TAS				a_e	
MOX	88.62		L	02:44:25.251						T__	87269.6	20.40		a_e	Ms 7.2
NEUB	88.47		P	02:00:43.818	0.1	295.6		4.71		TAS		66.1	0.97	a_e	mb 5.8
NEUB	88.47		PP	02:04:14.090		296.0		8.10		TAS				a_e	
PLN	89.00		P	02:00:46.418	0.5	295.6		4.71		TAS		96.5	1.85	a_e	mb 5.7
PLN	89.00		PP	02:04:18.590		296.0		8.10		TAS				a_e	
RETH	86.46		P	02:00:34.618	-0.5	295.6		4.71		TAS		62.2	0.98	a_e	mb 5.7
RETH	86.46		PP	02:03:58.340		296.0		8.10		TAS				a_e	
RGN	87.80		PP	02:04:09.040		296.0		8.10		TAS				a_e	
RUE	89.00		PP	02:04:18.540		296.0		8.10		TAS				a_e	

STU	87.99	P	02:00:41.568	295.6	4.71	TAS	78.5	0.97	a_e	mb	6.0
STU	87.99	PP	02:04:10.490	296.0	8.10	TAS			a_e		
TANN	89.21	P	02:00:47.418	0.4 295.6	4.71	TAS	341.3	2.10	a_e	mb	6.2
TANN	89.21	PP	02:04:20.440	296.0	8.10	TAS			a_e		
TNS	86.96	P	02:00:36.618	-0.1 295.6	4.71	TAS	177.6	0.98	a_e	mb	6.2
TNS	86.96	PP	02:04:02.490	296.0	8.10	TAS			a_e		
TNS	86.96	L	02:41:49.149			T__	74771.9	19.30	a_e	Ms	7.1
WET	90.02	P	02:00:51.568	295.6	4.71	TAS	61.3	1.03	a_e	mb	5.8
WET	90.02	PP	02:04:27.290	296.0	8.10	TAS			a_e		
WET	90.02	L	02:43:11.981			T__	94806.7	19.30	a_e	Ms	7.2
WLF	85.81	P	02:00:31.696	295.6	4.71	TAS	129.9	0.99	m_e	mb	6.0
WLF	85.81	PP	02:03:53.390	296.0	8.10	TAS			a_e		

Event 10908005 Northwestern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	05:19:58.11			36.7620	73.5570				33.0			25		44.05	49.17	m i ke	BGR
OrigID 10908011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	10908011
Ms	5.1		BGR	10908011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	45.95		P	05:28:15.545	-0.0	81.7		7.89		TAS		20.7	1.24	m_e	mb	5.0
BFO	48.03		P	05:28:32.732	0.9	81.7		7.89		TAS		35.5	1.13	m_e	mb	5.4
BFO	48.03		L	05:49:17.329						T__		2661.3	19.50	a_e	Ms	5.2
BRG	44.05		P	05:28:01.244	-0.3	81.7		7.89		TAS		53.5	1.01	m_e	mb	5.2
BSEG	45.99		P	05:28:16.285	0.5	81.7		7.89		TAS		44.2	0.95	m_e	mb	5.5
BSEG	45.99		L	05:48:43.225						T__		2877.8	18.30	a_e	Ms	5.3
BUG	48.14		P	05:28:33.372	-0.7	81.7		7.89		TAS		22.4	1.25	m_e	mb	5.2
CLL	44.60		P	05:28:05.092	-0.6	81.7		7.89		TAS		35.6	0.97	m_e	mb	5.3
CLL	44.60		L	05:49:06.089						T__		999.3	18.30	a_e	Ms	4.8
FLT1	45.59		P	05:28:12.483	-0.7	81.7		7.89		TAS		79.5	1.05	m_e	mb	5.7
FUR	46.13		P	05:28:18.743		81.7		7.89		TAS		76.7	0.93	m_e	mb	5.7
FUR	46.13		L	05:48:22.397						T__		2120.7	21.60	a_e	Ms	5.0
GEC2	44.43		P	05:28:04.914	0.4	81.7		7.89		TAS		60.7	1.31	m_e	mb	5.2
GOR1	45.48		P	05:28:12.362	0.1	81.7		7.89		TAS		73.5	1.15	m_e	mb	5.6
GRA1	45.92		P	05:28:17.094	0.2	81.7		7.89		TAS		108.1	1.16	m_e	mb	5.8
GRA1	45.92		L	05:48:26.662						T__		1907.9	18.50	a_e	Ms	5.1
GTTG	46.46		P	05:28:20.414	-0.3	81.7		7.89		TAS		113.4	1.08	m_e	mb	5.8
HLG	47.39		P	05:28:27.466	0.9	81.7		7.89		TAS		120.7	1.27	m_e	mb	5.9
IBBN	47.71		P	05:28:29.954	-0.8	81.7		7.89		TAS		138.9	1.45	m_e	mb	5.9
KAST	47.47		P	05:28:27.880	-0.3	81.7		7.89		TAS		15.2	1.34	m_e	mb	5.0
MOX	45.54		P	05:28:13.034	-0.2	81.7		7.89		TAS		34.5	1.09	m_e	mb	5.3
MOX	45.54		L	05:46:34.910						T__		1632.5	20.10	a_e	Ms	5.0

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Wed Jan 11 09:16:11 2023

22

NEUB	45.38	P	05:28:11.680	-0.3	81.7	7.89	TAS	63.6	1.07	m_e	mb	5.5
PLN	45.22	P	05:28:10.602	-0.0	81.7	7.89	TAS	9.9	1.17	m_e	mb	4.6
RETH	46.68	P	05:28:21.644	-0.1	81.7	7.89	TAS	24.5	1.12	m_e	mb	5.2
RGN	44.20	P	05:28:01.956	0.7	81.7	7.89	TAS	219.6	1.10	m_e	mb	5.8
STU	47.38	P	05:28:28.327	-0.3	81.7	7.89	TAS	110.7	1.01	m_e	mb	5.9
TANN	45.04	P	05:28:09.362	-0.1	81.7	7.89	TAS	32.0	1.17	m_e	mb	5.1
TNS	47.61	P	05:28:29.558	0.1	81.7	7.89	TAS	17.2	0.99	m_e	mb	5.1
WET	44.93	P	05:28:08.772	0.4	81.7	7.89	TAS	35.5	1.08	m_e	mb	5.2
WET	44.93	L	05:47:22.931				T__	2703.0	21.60	a_e	Ms	5.1
WLF	49.17	P	05:28:42.093	0.7	81.7	7.89	TAS	88.7	1.31	m_e	mb	5.6

Event 10908006 West Chile Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	15:33:58.40			-38.2300	-93.8800				10.0					127.06	127.06	m i ke	EMSC
OrigID 10908038																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	10908012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	127.06		PKPdf	15:53:02.034		252.2		2.46		TAS		6.5	0.79	m_e	
GRA1	127.06		L	16:47:10.561						T__		206.5	21.90	a_e	Ms 4.8

Event 10908007 West Chile Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	16:37:27.40			-38.2000	-93.8700				10.0				21	123.92	129.04	m i ke	EMSC
OrigID 10908039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	10908013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	127.42		PKPdf	16:56:31.792	-0.1	252.2		1.83		TAS				m_e	
BFO	124.80		L	17:43:34.049						T__		459.1	21.20	a_e	Ms 5.1
BRG	129.04		PKPdf	16:56:34.376	0.2	252.2		1.83		TAS				a_e	
BSEG	127.70		PKPdf	16:56:32.424	0.3	252.2		1.83		TAS				m_e	
BSEG	127.70		L	17:46:52.431						T__		677.8	20.60	a_e	Ms 5.3
BUG	125.20		PKPdf	16:56:27.448	-0.0	252.2		1.83		TAS				m_e	
CLL	128.59		PKPdf	16:56:34.018	0.1	252.2		1.83		TAS				m_e	
CLL	128.59		L	17:53:48.030						T__		548.0	20.10	a_e	Ms 5.2
FLT1	127.81		PKPdf	16:56:32.027	-0.2	252.2		1.83		TAS				m_e	

FUR	126.60	L	17:49:37.473							T__	467.6	22.00	a_e	Ms	5.1
GEC2	128.34	PKPdf	16:56:33.005	252.2	1.83					TAS			m_e		
GOR1	128.02	PKPdf	16:56:32.946	-0.1 252.2	1.83					TAS			m_e		
GRA1	127.04	PKPdf	16:56:31.091	-0.1 252.2	1.83					TAS			m_e		
GRA1	127.04	L	17:47:21.558							T__	615.8	21.20	a_e	Ms	5.3
GTTG	126.83	PKPdf	16:56:31.375	0.0 252.2	1.83					TAS			m_e		
IBBN	125.76	PKPdf	16:56:28.438	0.1 252.2	1.83					TAS			m_e		
KAST	125.80	PKPdf	16:56:28.800	0.1 252.2	1.83					TAS			m_e		
MOX	127.56	PKPdf	16:56:31.626	0.3 252.2	1.83					TAS			a_e		
MOX	127.56	L	17:45:40.247							T__	536.8	20.80	a_e	Ms	5.2
NEUB	127.81	PKPdf	16:56:32.261	0.0 252.2	1.83					TAS			m_e		
PLN	127.85	PKPdf	16:56:32.369	-0.1 252.2	1.83					TAS			m_e		
RETH	126.82	PKPdf	16:56:30.963	-0.5 252.2	1.83					TAS			m_e		
TANN	128.01	PKPdf	16:56:32.758	0.4 252.2	1.83					TAS			m_e		
TNS	125.51	PKPdf	16:56:28.481	-0.1 252.2	1.83					TAS			m_e		
TNS	125.51	L	17:48:38.002							T__	810.5	21.10	a_e	Ms	5.4
WET	127.91	PKPdf	16:56:32.122	252.2	1.83					TAS			m_e		
WET	127.91	L	17:50:06.172							T__	384.2	21.60	a_e	Ms	5.0
WLF	123.92	PKPdf	16:56:24.796	-0.3 252.2	1.83					TAS			m_e		

Event 10908008 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	22:10:28.93			50.3510	-29.8930				33.0					24.30	27.98	m i ke	BGR
OrigID 10908014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	10908014
Ms	3.5		BGR	10908014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.79	P		22:15:47.954		287.4		9.04		TAS		10.9	1.23	m_e	mb 4.5
BFO	24.79	L		22:24:55.721						T__		110.3	21.90	a_e	Ms 3.3
BRG	27.50	P		22:16:10.695		287.4		9.04		TAS		6.7	1.28	m_e	mb 4.3
BSEG	24.67	L		22:27:01.287						T__		156.4	19.00	a_e	Ms 3.5
CLL	26.81	P		22:16:04.736		287.4		9.04		TAS		6.1	1.10	m_e	mb 4.2
CLL	26.81	L		22:25:23.697						T__		114.2	21.90	a_e	Ms 3.4
FUR	26.70	P		22:16:04.451		287.4		9.04		TAS		8.4	0.91	m_e	mb 4.5
FUR	26.70	L		22:25:51.267						T__		205.9	21.10	a_e	Ms 3.7
GEC2	27.98	P		22:16:16.038		287.4		9.04		TAS		6.7	1.17	m_e	mb 4.4
GRA1	26.17	P		22:15:59.984		287.4		9.04		TAS		8.6	1.15	m_e	mb 4.3
GRA1	26.17	L		22:25:43.260						T__		250.1	19.10	a_e	Ms 3.8
MOX	26.14	L		22:25:40.525						T__		131.7	21.80	a_e	Ms 3.4
TNS	24.30	L		22:28:35.659						T__		169.8	19.90	a_e	Ms 3.5
WET	27.37	L		22:26:18.812						T__		161.8	19.70	a_e	Ms 3.6

Event 10908009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	22:42:03.65			-18.4610	-176.1730				33.0			11		144.15	149.89	m i ke	BGR
OrigID 10908015																	

Magnitude	Err	Nsta	Author	OrigID
Ms 4.4			BGR	10908015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.89		PKPbc	23:01:50.523		13.4		2.76		TAS				m_e	
BRG	146.59		PKPbc	23:01:42.126		13.4		2.76		TAS				m_e	
BSEG	144.15		PKPbc	23:01:34.815	0.1	13.4		2.76		TAS				m_e	
CLL	146.34		PKPbc	23:01:41.411		13.4		2.76		TAS				m_e	
FLT1	145.62		PKPbc	23:01:39.220	0.3	13.4		2.76		TAS				m_e	
GEC2	148.57		PKPbc	23:01:47.266		13.4		2.76		TAS				m_e	
GRA1	148.19		L	00:08:27.907						T__		57.3	21.40	a_e Ms	4.3
MOX	147.21		L	00:07:07.507						T__		82.0	21.40	a_e Ms	4.5
NEUB	146.65		PKPbc	23:01:42.414		13.4		2.76		TAS				m_e	
PLN	147.28		PKPbc	23:01:43.945		13.4		2.76		TAS				m_e	
TANN	147.29		PKPbc	23:01:44.146		13.4		2.76		TAS				m_e	
TNS	148.00		PKPbc	23:01:46.280		13.4		2.76		TAS				m_e	
WLF	148.72		PKPbc	23:01:48.621		13.4		2.76		TAS				m_e	

Event 10909001 West Chile Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	23:13:47.60			-38.1500	-94.0100				10.0					124.85	128.64	m i ke	EMSC
OrigID 10909033																	

Magnitude	Err	Nsta	Author	OrigID
Ms 4.9			BGR	10909007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	124.85		L	00:19:55.422						T__		197.7	21.10	a_e Ms	4.8
BSEG	127.74		L	00:23:14.116						T__		319.1	20.90	a_e Ms	5.0
CLL	128.64		L	00:26:21.169						T__		256.2	20.00	a_e Ms	4.9
FUR	126.66		L	00:23:34.176						T__		204.8	21.40	a_e Ms	4.8
GRA1	127.09		PKPdf	23:32:51.861		252.4		1.81		TAS				m_e	
GRA1	127.09		L	00:23:53.142						T__		250.0	20.90	a_e Ms	4.9
MOX	127.62		L	00:21:07.155						T__		274.4	21.20	a_e Ms	4.9
TNS	125.56		L	00:24:57.975						T__		308.1	21.90	a_e Ms	4.9
WET	127.97		L	00:30:50.075						T__		194.8	18.70	a_e Ms	4.8

Event 10909002 West Chile Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/08	23:48:44.40			-38.1900	-93.9300				10.0					124.83	128.62	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	10909008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	124.83		L	00:55:13.250						T__		212.1	21.20	a_e Ms	4.8
BSEG	127.72		L	00:58:10.094						T__		367.3	20.70	a_e Ms	5.0
CLL	128.62		L	01:02:15.367						T__		240.8	21.00	a_e Ms	4.9
FUR	126.63		L	00:58:41.131						T__		190.8	21.60	a_e Ms	4.7
GRA1	127.07		PKPdf	00:07:48.335		252.3		1.81		TAS				m_e	
GRA1	127.07		L	00:58:48.852						T__		299.2	21.20	a_e Ms	4.9
MOX	127.59		L	00:56:25.332						T__		274.6	20.40	a_e Ms	4.9
TNS	125.54		L	00:59:54.171						T__		362.8	21.20	a_e Ms	5.0
WET	127.94		L	01:04:26.658						T__		223.9	18.80	a_e Ms	4.9

Event 10909003 West Chile Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/09	01:12:10.20			-38.3100	-93.9200				10.0					127.14	127.14	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	10909009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	127.14		PKPdf	01:31:14.671		252.1		1.97		TAS				m_e	
GRA1	127.14		L	02:22:15.286						T__		162.7	21.10	a_e Ms	4.7

Event 10909004 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/09	04:11:53.60			29.3500	142.2300				40.0					87.13	92.25	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10909010
Ms	5.4		BGR	10909010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	92.25		P	04:24:59.335		41.2		4.07		TAS		11.8	0.80	m_e	mb 5.3
BSEG	87.13		P	04:24:35.903		41.2		4.07		TAS		16.9	0.80	m_e	mb 5.2
GEC2	89.52		P	04:24:46.521		41.2		4.07		TAS		6.1	0.91	m_e	mb 4.8
GOR1	87.46		P	04:24:37.517		41.2		4.07		TAS			0.51	m_e	
GRA1	89.98		P	04:24:48.869		41.2		4.07		TAS		12.0	0.58	m_e	mb 5.3
GRA1	89.98		L	05:12:12.789						T__		1496.3	18.90	a_e	Ms 5.4
IBBN	89.37		P	04:24:46.166		41.2		4.07		TAS		17.8	0.61	m_e	mb 5.5
KAST	89.97		P	04:24:48.868		41.2		4.07		TAS		5.2	0.66	m_e	mb 4.9
MOX	89.09		L	05:08:06.750						T__		1404.8	18.30	a_e	Ms 5.4
RETH	88.41		P	04:24:41.465		41.2		4.07		TAS			0.84	m_e	

Event 10909005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/09	07:18:09.10			-21.7900	-179.3400				597.0			18		147.00	152.73	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.66		PKPbc	07:36:50.020		20.5		2.37		TAS				m_e	
BFO	152.73		PKPbc	07:36:59.093	32.3	20.5		2.37		TAS				m_e	
BFO	152.73		PKPab	07:37:12.979		18.4		4.22		TAS				m_e	
BRG	149.09		PKPbc	07:36:51.269	0.1	20.5		2.37		TAS				m_e	
BRG	149.09		PKPab	07:36:57.984		18.4		4.22		TAS				m_e	
BSEG	147.00		PKPbc	07:36:45.734	0.1	20.5		2.37		TAS				m_e	
BSEG	147.00		PKPab	07:36:49.250		18.4		4.22		TAS				m_e	
BUG	149.87		PKPbc	07:36:52.684	0.1	20.5		2.37		TAS				m_e	
CLL	148.93		PKPbc	07:36:50.656	0.1	20.5		2.37		TAS				m_e	
CLL	148.93		PKPab	07:36:57.077		18.4		4.22		TAS				m_e	
FLT1	148.36		PKPbc	07:36:49.025		20.5		2.37		TAS				m_e	
FLT1	148.36		PKPab	07:36:54.701		18.4		4.22		TAS				m_e	
FUR	152.26		PKPbc	07:36:58.244	-0.2	20.5		2.37		TAS				m_e	
FUR	152.26		PKPab	07:37:11.667		18.4		4.22		TAS				m_e	
GEC2	151.00		PKPbc	07:36:55.506		20.5		2.37		TAS				a_e	
GEC2	151.00		PKPab	07:37:06.168		18.4		4.22		TAS				m_e	
GOR1	147.72		PKPbc	07:36:47.701	-0.1	20.5		2.37		TAS				m_e	
GOR1	147.72		PKPab	07:36:51.948		18.4		4.22		TAS				m_e	
GRA1	150.85		PKPbc	07:36:55.254	-0.2	20.5		2.37		TAS				m_e	
GRA1	150.85		PKPab	07:37:05.686		18.4		4.22		TAS				m_e	
GTTG	149.35		PKPbc	07:36:51.806	0.0	20.5		2.37		TAS				a_e	

HLG	147.11	PKPbc	07:36:46.432		20.5	2.37	TAS		m_e
IBBN	148.96	PKPbc	07:36:50.727	0.2	20.5	2.37	TAS		m_e
KAST	149.94	PKPbc	07:36:53.106	0.1	20.5	2.37	TAS		a_e
MOX	149.87	PKPbc	07:36:52.906	0.2	20.5	2.37	TAS		a_e
MOX	149.87	PKPab	07:37:00.805		18.4	4.22	TAS		m_e
NEUB	149.32	PKPbc	07:36:51.691	0.1	20.5	2.37	TAS		m_e
NEUB	149.32	PKPab	07:36:58.690		18.4	4.22	TAS		m_e
PLN	149.89	PKPbc	07:36:53.093	-0.2	20.5	2.37	TAS		m_e
RETH	148.31	PKPbc	07:36:49.121	-0.0	20.5	2.37	TAS		m_e
RETH	148.31	PKPab	07:36:54.302		18.4	4.22	TAS		m_e
RUE	147.67	PKPbc	07:36:47.506	0.1	20.5	2.37	TAS		a_e
STU	152.15	PKPbc	07:36:58.006		20.5	2.37	TAS		a_e
TANN	149.89	PKPbc	07:36:53.152	-0.2	20.5	2.37	TAS		m_e
TNS	150.88	PKPbc	07:36:55.256		20.5	2.37	TAS		a_e
TNS	150.88	PKPab	07:37:05.201		18.4	4.22	TAS		m_e
WET	150.95	PKPbc	07:36:55.330	-0.2	20.5	2.37	TAS		m_e
WET	150.95	PKPab	07:37:06.063		18.4	4.22	TAS		m_e
WLF	151.76	PKPbc	07:36:57.756		20.5	2.37	TAS		a_e

Event 10909006 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/09	19:23:32.15			53.9680	-163.9860				33.0			24		71.70	77.74	m i ke	BGR
	10909012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10909012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.05		P	19:35:03.376	-0.3	357.1		5.68		TAS		19.3	1.12	m_e mb	5.0
BFO	77.74		P	19:35:24.413		357.1		5.68		TAS		11.1	1.10	m_e mb	4.9
BRG	75.38		P	19:35:10.950	-0.3	357.1		5.68		TAS		13.4	1.10	m_e mb	5.0
BSEG	72.23		P	19:34:52.953	-0.4	357.1		5.68		TAS		34.9	1.26	m_e mb	5.3
BUG	74.58		P	19:35:06.258	-0.4	357.1		5.68		TAS		11.5	1.13	m_e mb	4.8
CLL	74.93		P	19:35:08.293	-0.4	357.1		5.68		TAS		14.4	0.99	m_e mb	5.0
FLT1	73.87		P	19:35:01.853	-0.8	357.1		5.68		TAS		27.0	1.28	m_e mb	5.1
GEC2	77.41		P	19:35:22.856	0.1	357.1		5.68		TAS		9.4	1.01	m_e mb	4.9
GOR1	73.21		P	19:34:59.402	0.5	357.1		5.68		TAS		31.5	1.26	m_e mb	5.3
GRA1	76.50		P	19:35:17.919	0.3	357.1		5.68		TAS		25.1	1.03	m_e mb	5.3
GRA1	76.50		L	20:16:33.839						T__		149.5	19.00	a_e	
GTTG	74.60		P	19:35:06.985	0.1	357.1		5.68		TAS		37.7	1.10	m_e mb	5.3
HLG	71.88		P	19:34:51.629	0.3	357.1		5.68		TAS		72.5	1.01	m_e mb	5.8
IBBN	73.74		P	19:35:01.881	-0.0	357.1		5.68		TAS		32.0	1.04	m_e mb	5.3
KAST	74.88		P	19:35:08.500	0.1	357.1		5.68		TAS		13.4	1.10	m_e mb	4.9
MOX	75.56		P	19:35:12.223	-0.1	357.1		5.68		TAS		18.1	0.99	m_e mb	5.2
MOX	75.56		L	20:10:45.965						T__		115.5	21.70	a_e	

NEUB	75.02	P	19:35:09.152	-0.1	357.1	5.68	TAS	32.6	1.13	m_e	mb	5.3
PLN	75.74	P	19:35:13.206	-0.1	357.1	5.68	TAS	4.1	1.14	m_e	mb	4.5
RETH	73.39	P	19:34:59.869	-0.1	357.1	5.68	TAS	26.6	1.32	m_e	mb	5.1
RGN	71.70	P	19:34:50.836	0.5	357.1	5.68	TAS	58.4	1.01	m_e	mb	5.7
RUE	73.78	P	19:35:02.410	0.3	357.1	5.68	TAS	25.3	0.75	m_e	mb	5.3
TANN	75.81	P	19:35:13.917	0.2	357.1	5.68	TAS	16.8	1.34	m_e	mb	5.0
TNS	75.85	P	19:35:13.926	-0.0	357.1	5.68	TAS	12.7	0.94	m_e	mb	5.0
WET	77.09	P	19:35:21.379	0.4	357.1	5.68	TAS	16.2	1.24	m_e	mb	5.0
WLF	76.28	P	19:35:16.732	0.5	357.1	5.68	TAS	26.0	1.11	m_e	mb	5.3

Event 10909007 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/09	23:42:44.27			34.4810	71.8360				33.0			13		44.40	48.17	m i ke	BGR
OrigID 10909013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10909013
Ms	3.8		BGR	10909013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	44.40		P	23:50:50.815	0.3	85.4		7.87		TAS		5.9	0.88	m_e	mb	4.3
BSEG	46.55		P	23:51:06.872		85.4		7.87		TAS		7.2	0.88	m_e	mb	4.8
CLL	44.98		P	23:50:54.403	-0.2	85.4		7.87		TAS		5.1	1.11	m_e	mb	4.4
FLT1	46.04		P	23:51:02.284	-0.3	85.4		7.87		TAS		11.3	0.89	m_e	mb	4.9
GEC2	44.65		P	23:50:52.576	0.1	85.4		7.87		TAS		36.5	2.83	m_e	mb	4.8
GOR1	45.98		P	23:51:02.835		85.4		7.87		TAS		17.3	1.18	m_e	mb	5.0
GRA1	46.21		P	23:51:05.533	0.0	85.4		7.87		TAS		18.0	1.43	m_e	mb	4.9
GRA1	46.21		L	00:20:10.006						T__		100.8	18.30	a_e	Ms	3.8
GTTG	46.87		P	23:51:09.828		85.4		7.87		TAS		9.1	0.83	m_e	mb	4.9
IBBN	48.17		P	23:51:19.537		85.4		7.87		TAS		12.3	1.25	m_e	mb	4.9
MOX	45.89		P	23:51:02.284	0.5	85.4		7.87		TAS		7.6	1.52	m_e	mb	4.5
MOX	45.89		L	00:19:43.386						T__		83.8	18.90	a_e	Ms	3.7
NEUB	45.76		P	23:51:01.092	-0.8	85.4		7.87		TAS		17.5	1.25	m_e	mb	5.0
PLN	45.55		P	23:50:59.440	0.7	85.4		7.87		TAS		2.4	1.19	m_e	mb	4.1
TANN	45.36		P	23:50:57.880	0.0	85.4		7.87		TAS		8.1	1.45	m_e	mb	4.5

Event 10911001 Western Xizang-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/11	00:28:30.60			30.5500	79.2700				10.0			19		51.70	55.83	m i ke	EMSC
OrigID 10911033																	

Magnitude Err Nsta Author OrigID
 mb 4.6 BGR 10911007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	55.60		P	00:38:07.322		84.1		7.40		TAS		62.7	2.82	m_e	mb 5.2
BRG	51.70		P	00:37:37.875	0.0	84.1		7.40		TAS		8.3	1.15	m_e	mb 4.6
BSEG	53.74		P	00:37:52.533	0.6	84.1		7.40		TAS		10.5	0.74	m_e	mb 5.0
BUG	55.83		P	00:38:08.122	0.2	84.1		7.40		TAS		5.6	1.00	m_e	mb 4.5
CLL	52.27		P	00:37:42.032	0.3	84.1		7.40		TAS		2.0	0.68	m_e	mb 4.2
FLT1	53.29		P	00:37:48.810	-0.4	84.1		7.40		TAS		12.6	0.82	m_e	mb 4.9
FUR	53.67		P	00:37:53.149		84.1		7.40		TAS		8.1	0.75	m_e	mb 4.8
GEC2	52.00		P	00:37:40.601		84.1		7.40		TAS		1.2	0.70	m_e	mb 3.9
GOR1	53.21		P	00:37:49.508	-0.1	84.1		7.40		TAS		24.8	1.33	m_e	mb 5.0
GRA1	53.53		P	00:37:53.031		84.1		7.40		TAS		17.2	1.31	m_e	mb 4.9
GRA1	53.53		L	01:29:01.567						T__		56.9	20.70	a_e	
GTTG	54.14		P	00:37:56.256	-0.3	84.1		7.40		TAS		8.9	0.79	m_e	mb 4.8
IBBN	55.42		P	00:38:05.330	-0.6	84.1		7.40		TAS		17.0	1.16	m_e	mb 5.0
MOX	53.19		P	00:37:49.043	-0.1	84.1		7.40		TAS		5.7	1.07	m_e	mb 4.4
MOX	53.19		L	01:22:40.793						T__		60.9	18.50	a_e	
PLN	52.86		P	00:37:47.212	-0.4	84.1		7.40		TAS		1.0	0.74	m_e	mb 3.8
RETH	54.40		P	00:37:58.350	-0.9	84.1		7.40		TAS		4.0	0.87	m_e	mb 4.5
STU	54.96		P	00:38:02.305		84.1		7.40		TAS		22.9	1.05	m_e	mb 5.1
TANN	52.67		P	00:37:45.927	-0.0	84.1		7.40		TAS		5.8	1.25	m_e	mb 4.4
TNS	55.25		P	00:38:04.866	0.1	84.1		7.40		TAS		4.4	0.78	m_e	mb 4.5
WET	52.51		P	00:37:44.536		84.1		7.40		TAS		22.1	2.35	m_e	mb 4.7

Event 10911002 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/11	03:20:20.81			14.0310	92.8100				31.0	1.7		21		72.23	76.39	m i ke	BGR
				10911008													

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 10911008
 Ms 4.1 BGR 10911008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.23		P	03:31:53.663	-0.4	87.1		5.85		TAS		5.8	1.03	m_e	mb 4.5
ASSE	74.23		pP	03:32:02.461						T__				m_e	
BFO	76.01		P	03:32:03.709		87.1		5.85		TAS		3.4	0.99	m_e	mb 4.4
BFO	76.01		pP	03:32:12.295						T__				m_e	
BRG	72.23		P	03:31:42.161	0.2	87.1		5.85		TAS		8.6	0.73	m_e	mb 5.0
BRG	72.23		pP	03:31:51.159						T__				m_e	
BSEG	74.37		pP	03:32:03.853						T__				m_e	
BUG	76.39		P	03:32:06.539	-0.2	87.1		5.85		TAS		2.4	0.87	m_e	mb 4.3
BUG	76.39		pP	03:32:15.230						T__				m_e	

./bul2109.txt

Wed Jan 11 09:16:11 2023

30

CLL	72.81	P	03:31:45.156	0.0	87.1	5.85	TAS	4.8	0.85	m_e	mb	4.7
CLL	72.81	pP	03:31:54.254				T__			m_e		
FLT1	73.88	P	03:31:50.887	0.1	87.1	5.85	TAS	4.6	0.73	m_e	mb	4.6
FLT1	73.88	pP	03:32:00.013				T__			m_e		
FUR	74.06	P	03:31:52.747		87.1	5.85	TAS	8.6	1.03	m_e	mb	4.7
GEC2	72.42	P	03:31:43.030		87.1	5.85	TAS	11.9	0.74	m_e	mb	5.1
GEC2	72.42	pP	03:31:52.366				T__			m_e		
GOR1	73.81	P	03:31:51.428	0.1	87.1	5.85	TAS	13.2	1.13	m_e	mb	4.9
GOR1	73.81	pP	03:32:00.291				T__			m_e		
GRA1	74.01	P	03:31:53.193	-0.1	87.1	5.85	TAS	7.8	0.84	m_e	mb	4.8
GRA1	74.01	pP	03:32:01.969				T__			m_e		
GRA1	74.01	L	04:08:08.175				T__	71.6	20.20	a_e	Ms	4.0
GTTG	74.70	P	03:31:56.660	0.0	87.1	5.85	TAS	11.1	0.64	m_e	mb	5.0
GTTG	74.70	pP	03:32:05.630				T__			m_e		
IBBN	76.01	P	03:32:04.350	0.1	87.1	5.85	TAS	10.1	0.77	m_e	mb	5.0
IBBN	76.01	pP	03:32:13.164				T__			m_e		
KAST	75.69	P	03:32:02.464	0.2	87.1	5.85	TAS	3.0	0.78	m_e	mb	4.5
MOX	73.71	P	03:31:51.081	0.2	87.1	5.85	TAS	5.5	0.73	m_e	mb	4.7
MOX	73.71	pP	03:31:59.805				T__			m_e		
MOX	73.71	L	04:10:49.101				T__	111.4	18.40	a_e	Ms	4.2
NEUB	73.59	P	03:31:49.884	0.1	87.1	5.85	TAS	8.6	0.73	m_e	mb	4.9
NEUB	73.59	pP	03:31:58.850				T__			m_e		
PLN	73.37	P	03:31:48.970	0.6	87.1	5.85	TAS	1.7	0.74	m_e	mb	4.3
PLN	73.37	pP	03:31:57.794				T__			m_e		
RETH	75.00	P	03:31:58.498	-0.8	87.1	5.85	TAS	3.4	0.87	m_e	mb	4.4
RETH	75.00	pP	03:32:07.199				T__			m_e		
RUE	72.32	P	03:31:42.760	-0.2	87.1	5.85	TAS	22.6	0.67	m_e	mb	5.4
RUE	72.32	pP	03:31:51.618				T__			m_e		
TANN	73.18	P	03:31:47.929	0.3	87.1	5.85	TAS	3.5	0.88	m_e	mb	4.5
TANN	73.18	pP	03:31:56.673				T__			m_e		
TNS	75.76	P	03:32:03.014	-0.2	87.1	5.85	TAS	5.9	0.78	m_e	mb	4.8
TNS	75.76	pP	03:32:11.710				T__			m_e		
WET	72.95	P	03:31:46.669		87.1	5.85	TAS	5.6	0.81	m_e	mb	4.7
WET	72.95	pP	03:31:55.445				T__			m_e		

Event 10912001 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/12	02:31:52.03			47.3400	146.9810				374.8	0.6		24		72.51	78.04	m i ke	BGR
10912007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	10912007
MBB	5.9		BGR	10912007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ASSE	73.98	P	02:43:23.170	-0.2	29.2	5.72	TAS	56.3	1.08	m_e	MBB	5.8
BFO	78.04	P	02:43:45.749		29.2	5.72	TAS	49.4	0.92	m_e	MBB	5.8
BRG	74.04	P	02:43:23.170	-0.1	29.2	5.72	TAS	43.5	1.06	m_e	MBB	5.6
BSEG	72.51	P	02:43:14.639	0.1	29.2	5.72	TAS	54.8	0.90	m_e	mb	5.7
BUG	75.58	P	02:43:31.944	0.1	29.2	5.72	TAS	23.2	0.89	m_e	MBB	5.5
BUG	75.58	pP	02:44:55.761				T__			m_e		
CLL	73.97	P	02:43:22.644	-0.2	29.2	5.72	TAS	128.7	0.58	m_e	MBB	6.2
FLT1	73.64	P	02:43:20.599	0.1	29.2	5.72	TAS	89.7	0.81	m_e	MBB	5.9
FUR	77.26	P	02:43:42.179		29.2	5.72	TAS	126.0	0.93	m_e	MBB	6.2
GEC2	75.87	P	02:43:33.809	-0.6	29.2	5.72	TAS	37.1	0.74	m_e	MBB	5.8
GOR1	73.04	P	02:43:17.944	0.0	29.2	5.72	TAS	156.5	1.34	m_e	MBB	6.2
GRA1	75.94	P	02:43:34.690	-0.0	29.2	5.72	TAS	139.2	0.65	m_e	mb	6.2
GRA1	75.94	pP	02:44:58.680				T__			m_e		
GTTG	74.70	P	02:43:27.266	-0.4	29.2	5.72	TAS	80.1	1.06	m_e	MBB	5.8
IBBN	74.67	P	02:43:26.977	0.1	29.2	5.72	TAS	80.9	0.64	m_e	MBB	6.0
KAST	75.46	P	02:43:31.605	-0.2	29.2	5.72	TAS	53.2	0.95	m_e	MBB	5.8
MOX	74.98	P	02:43:28.850	-0.0	29.2	5.72	TAS	38.1	0.74	m_e	MBB	5.7
NEUB	74.46	P	02:43:25.639	0.0	29.2	5.72	TAS	83.0	0.85	m_e	MBB	5.9
PLN	74.95	P	02:43:28.582	0.1	29.2	5.72	TAS	22.1	1.17	m_e	MBB	5.3
RETH	73.83	P	02:43:22.259	0.1	29.2	5.72	TAS	80.4	1.03	m_e	MBB	6.0
RUE	72.72	P	02:43:15.881	-0.5	29.2	5.72	TAS	123.6	1.02	m_e	MBB	6.1
STU	77.38	P	02:43:42.398	0.3	29.2	5.72	TAS	150.3	0.87	m_e	MBB	6.3
TANN	74.92	P	02:43:28.414	0.1	29.2	5.72	TAS	19.9	0.89	m_e	MBB	5.6
TNS	76.32	P	02:43:36.516	0.4	29.2	5.72	TAS	53.6	0.81	m_e	MBB	5.9
TNS	76.32	pP	02:45:00.314				T__			m_e		
WET	75.88	P	02:43:34.344	-0.2	29.2	5.72	TAS	81.3	0.94	m_e	MBB	6.0
WLF	77.49	P	02:43:43.211	0.4	29.2	5.72	TAS	25.8	0.93	m_e	MBB	5.8

Event 10912002 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/12	05:32:14.74			31.7870	139.1630			466.0				10		84.50	88.83	m i ke	BGR
10912008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10912008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	88.83		P	05:44:15.802		42.2		4.75		TAS		14.6	1.18	m_e	mb	5.1
BRG	84.50		P	05:43:55.307		42.2		4.75		TAS		11.0	1.37	m_e	mb	4.9
CLL	84.59		P	05:43:56.080		42.2		4.75		TAS		17.0	1.56	m_e	mb	5.0
CLL	84.59		pP	05:45:40.845						T__				m_e		
FUR	87.66		P	05:44:11.014		42.2		4.75		TAS		20.4	1.13	m_e	mb	5.4
GEC2	86.07		P	05:44:03.142		42.2		4.75		TAS		3.2	0.55	m_e	mb	4.7
GRA1	86.55		P	05:44:06.521		42.2		4.75		TAS		8.3	0.97	m_e	mb	4.8
IBBN	86.01		P	05:44:02.957	0.9	42.2		4.75		TAS		10.7	0.80	m_e	mb	5.0

./bul2109.txt

Wed Jan 11 09:16:11 2023

32

KAST	86.59	P	05:44:06.067	42.2	4.75	TAS										m_e	
PLN	85.56	P	05:44:01.176	42.2	4.75	TAS					3.1	1.47			m_e	mb	4.2
TANN	85.48	P	05:44:00.502	42.2	4.75	TAS					3.3	1.26			m_e	mb	4.3

Event 10912003 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/12	17:03:24.67		55.1480	-166.5790					33.0			15		72.08	76.25	m i ke	BGR
OrigID 10912009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10912009
Ms	4.1		BGR	10912009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	72.94	P		17:14:49.678	0.1	358.7		5.76		TAS		11.1	1.25	m_e	mb	4.8
BRG	74.22	P		17:14:57.211	-0.1	358.7		5.76		TAS		3.6	0.89	m_e	mb	4.4
BUG	73.53	P		17:14:54.538	-0.3	358.7		5.76		TAS		3.8	1.03	m_e	mb	4.4
CLL	73.78	P		17:14:54.392	-0.1	358.7		5.76		TAS		4.1	0.75	m_e	mb	4.5
FLT1	72.74	P		17:14:48.248	-0.2	358.7		5.76		TAS		9.7	1.14	m_e	mb	4.8
GEC2	76.25	P		17:15:08.694		358.7		5.76		TAS		5.3	1.04	m_e	mb	4.6
GOR1	72.08	P		17:14:45.624	-0.4	358.7		5.76		TAS		14.8	1.16	m_e	mb	5.0
GRA1	75.38	P		17:15:04.044		358.7		5.76		TAS		5.8	0.74	m_e	mb	4.8
GRA1	75.38	L		17:50:37.910						T__		95.7	19.60	a_e	Ms	4.1
GTTG	73.51	P		17:14:53.636	0.1	358.7		5.76		TAS		11.3	0.92	m_e	mb	4.9
IBBN	72.68	P		17:14:46.358	1.5	358.7		5.76		TAS		280.0	3.27	m_e	mb	5.8
MOX	74.43	P		17:14:58.087		358.7		5.76		TAS		263.8	3.80	m_e	mb	5.6
MOX	74.43	L		17:50:23.032						T__		96.8	18.50	a_e	Ms	4.1
NEUB	73.89	P		17:14:55.300	0.2	358.7		5.76		TAS		11.7	0.82	m_e	mb	5.0
PLN	74.60	P		17:14:59.192		358.7		5.76		TAS		1.1	0.88	m_e	mb	3.9
RETH	72.30	P		17:14:46.096	-0.1	358.7		5.76		TAS				m_e		
TNS	74.79	P		17:15:00.029		358.7		5.76		TAS		14.9	1.45	m_e	mb	4.8

Event 10913004 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/13	04:02:59.61		37.9950	56.2770					33.0			20		32.36	37.31	m i ke	BGR
OrigID 10913010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10913010
Ms	4.2		BGR	10913010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	34.55		P	04:09:39.035	0.7	92.7		8.66		TAS		44.9	1.84	m_e	mb 5.1
BRG	32.38		P	04:09:21.247	-1.0	92.7		8.66		TAS		96.3	2.17	m_e	mb 5.3
BSEG	34.98		P	04:09:43.675	-0.3	92.7		8.66		TAS		27.5	1.05	m_e	mb 5.1
BUG	36.61		P	04:10:01.850		92.7		8.66		TAS		10.1	1.42	m_e	mb 4.3
CLL	33.02		P	04:09:26.660	-1.0	92.7		8.66		TAS		5.7	0.96	m_e	mb 4.5
FLT1	34.23		P	04:09:36.715	-1.5	92.7		8.66		TAS		18.6	0.90	m_e	mb 5.0
GEC2	32.36		P	04:09:20.473	-1.7	92.7		8.66		TAS		11.0	1.35	m_e	mb 4.6
GOR1	34.27		P	04:09:36.908	0.1	92.7		8.66		TAS		32.3	1.53	m_e	mb 5.0
GRA1	34.03		P	04:09:40.186	-0.6	92.7		8.66		TAS		20.2	1.51	m_e	mb 4.8
GRA1	34.03		L	04:27:41.674						T__		430.1	20.70	m_e	Ms 4.2
GTTG	34.94		P	04:09:44.255	-1.1	92.7		8.66		TAS		14.6	1.01	m_e	mb 4.9
IBBN	36.35		P	04:09:55.083		92.7		8.66		TAS		95.0	1.90	m_e	mb 5.3
MOX	33.83		P	04:09:34.395	3.5	92.7		8.66		TAS		15.9	1.00	m_e	mb 4.9
MOX	33.83		L	04:28:13.435						T__		482.5	21.30	a_e	Ms 4.2
NEUB	33.78		P	04:09:33.041	-0.5	92.7		8.66		TAS		25.9	1.14	m_e	mb 5.1
PLN	33.47		P	04:09:33.710	-1.2	92.7		8.66		TAS		4.3	1.30	m_e	mb 4.2
RUE	32.70		P	04:09:25.694	1.5	92.7		8.66		TAS		39.6	1.03	m_e	mb 5.3
STU	35.33		P	04:09:46.769	-1.0	92.7		8.66		TAS		126.2	1.40	m_e	mb 5.7
TANN	33.28		P	04:09:30.141	0.1	92.7		8.66		TAS		48.2	2.11	m_e	mb 5.1
TNS	35.83		P	04:09:51.990	-1.4	92.7		8.66		TAS		11.2	1.08	m_e	mb 4.6
WET	32.92		P	04:09:28.207	1.2	92.7		8.66		TAS				m_e	
WLF	37.31		P	04:10:03.784		92.7		8.66		TAS		49.2	1.61	m_e	mb 5.0

Event 10913005 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/13	06:15:47.50			73.3450	7.2910				33.0			15		20.47	25.07	m i ke	BGR
10913011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10913011
Ms	3.9		BGR	10913011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	21.32		P	06:20:33.422	-0.5	357.2		9.59		TAS				m_e	
BFO	25.07		P	06:21:08.173		357.2		9.59		TAS		28.1	1.29	m_e	mb 4.8
BRG	22.70		P	06:20:46.300	0.0	357.2		9.59		TAS		31.1	1.55	m_e	mb 4.6
BUG	21.95		P	06:20:40.367	-0.9	357.2		9.59		TAS		26.5	1.71	m_e	mb 4.4
CLL	22.22		P	06:20:46.769	1.3	357.2		9.59		TAS		34.1	1.36	m_e	mb 4.6
FLT1	21.13		P	06:20:29.286	1.0	357.2		9.59		TAS		20.3	0.99	m_e	mb 4.4
GEC2	24.71		P	06:21:06.258		357.2		9.59		TAS		13.8	1.03	m_e	mb 4.6
GOR1	20.47		P	06:20:25.474	-0.7	357.2		9.59		TAS		214.6	1.58	m_e	mb 5.2
GRA1	23.77		L	06:36:21.520						T__		318.8	21.40	a_e	Ms 3.8
GTTG	21.88		P	06:20:39.522	-0.6	357.2		9.59		TAS		34.6	1.22	m_e	mb 4.7
MOX	22.83		P	06:20:47.989	-1.3	357.2		9.59		TAS		30.5	1.33	m_e	mb 4.7

MOX	22.83	L	06:33:42.789							T__	582.3	19.40	a_e	Ms	4.0
NEUB	22.28	P	06:20:44.337	-0.4	357.2		9.59			TAS	24.4	1.05	m_e	mb	4.6
PLN	23.01	P	06:20:50.392		357.2		9.59			TAS	4.8	1.14	m_e	mb	3.9
RETH	20.67	P	06:20:27.556	0.1	357.2		9.59			TAS	39.2	1.26	m_e	mb	4.6
TANN	23.09	P	06:20:50.128		357.2		9.59			TAS	32.0	1.80	m_e	mb	4.5
TNS	23.18	P	06:20:52.723		357.2		9.59			TAS	32.5	1.73	m_e	mb	4.6
WET	24.38	P	06:21:02.882		357.2		9.59			TAS	22.3	1.46	m_e	mb	4.5

Event 10913008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/13	11:45:13.40			-17.9200	-178.4900				598.0			18		143.33	149.07	m i ke	EMSC
OrigID 10913040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.02		PKPbc	12:03:43.947	0.3	17.3		2.85		TAS				m_e	
BFO	149.07		PKPbc	12:03:55.243		17.3		2.85		TAS				m_e	
BRG	145.58		PKPbc	12:03:45.709	0.1	17.3		2.85		TAS				m_e	
BSEG	143.33		PKPbc	12:03:39.053	0.1	17.3		2.85		TAS				m_e	
CLL	145.38		PKPbc	12:03:45.599	0.1	17.3		2.85		TAS				m_e	
FLT1	144.74		PKPbc	12:03:43.116	0.4	17.3		2.85		TAS				m_e	
FUR	148.71		PKPbc	12:03:54.810		17.3		2.85		TAS				m_e	
GEC2	147.53		PKPbc	12:03:51.695		17.3		2.85		TAS				m_e	
GOR1	144.09		PKPbc	12:03:42.049	-0.3	17.3		2.85		TAS				m_e	
GTTG	145.70		PKPbc	12:03:46.548	0.1	17.3		2.85		TAS				m_e	
IBBN	145.25		PKPbc	12:03:44.832	-0.2	17.3		2.85		TAS				m_e	
MOX	146.28		PKPbc	12:03:47.923	0.1	17.3		2.85		TAS				m_e	
NEUB	145.73		PKPbc	12:03:46.367	0.1	17.3		2.85		TAS				m_e	
PLN	146.33		PKPbc	12:03:48.128	0.1	17.3		2.85		TAS				m_e	
RETH	144.63		PKPbc	12:03:43.206	-0.1	17.3		2.85		TAS				m_e	
RUE	144.11		PKPbc	12:03:41.355	-0.3	17.3		2.85		TAS				m_e	
TNS	147.21		PKPbc	12:03:50.611	0.0	17.3		2.85		TAS				m_e	
WLF	148.02		PKPbc	12:03:53.094		17.3		2.85		TAS				m_e	

Event 10913009 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/13	22:45:22.46			31.4970	139.0930				391.5	3.6		24		82.35	89.05	m i ke	BGR
OrigID 10913015																	

Magnitude Err Nsta Author OrigID

mb 5.8 BGR 10913015
 MBB 6.1 BGR 10913015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.20		P	22:57:54.694	0.2	42.4		4.88		TAS		145.4	1.54	m_e	MBB 6.2
BFO	89.05		P	22:58:13.011	0.2	42.4		4.88		TAS		29.4	1.05	m_e	MBB 6.0
BRG	84.71		P	22:57:52.372	-0.2	42.4		4.88		TAS		77.0	1.09	m_e	MBB 6.2
BSEG	84.00		P	22:57:48.874	0.7	42.4		4.88		TAS		116.7	0.89	m_e	MBB 6.2
BUG	87.10		P	22:58:03.756	-0.2	42.4		4.88		TAS		26.7	1.38	m_e	MBB 5.5
CLL	84.81		P	22:57:52.681	-0.2	42.4		4.88		TAS		117.4	1.04	m_e	MBB 6.5
FLT1	84.81		P	22:57:52.533	-0.0	42.4		4.88		TAS		118.3	1.02	m_e	MBB 6.3
FUR	87.88		P	22:58:08.017		42.4		4.88		TAS		46.0	0.94	m_e	MBB 6.2
GEC2	86.28		P	22:57:59.752	-0.1	42.4		4.88		TAS		22.6	0.85	m_e	MBB 5.5
GOR1	84.30		P	22:57:50.988	-0.2	42.4		4.88		TAS		278.8	1.43	m_e	MBB 6.6
GRA1	86.77		P	22:58:02.718	0.2	42.4		4.88		TAS		189.0	1.64	m_e	mb 6.0
GTTG	85.92		P	22:57:58.466	-0.2	42.4		4.88		TAS		65.5	1.20	m_e	MBB 6.0
IBBN	86.24		P	22:57:59.653	-0.3	42.4		4.88		TAS		148.6	1.17	m_e	MBB 6.2
MOX	85.90		P	22:57:57.906	0.1	42.4		4.88		TAS		48.8	1.20	m_e	MBB 5.9
MOX	85.90		pP	22:59:27.059						T__				m_e	
NEUB	85.43		P	22:57:55.598	0.0	42.4		4.88		TAS		208.6	1.45	m_e	MBB 6.2
PLN	85.78		P	22:57:57.609	0.0	42.4		4.88		TAS		14.3	1.11	m_e	MBB 5.4
PLN	85.78		pP	22:59:28.223						T__				m_e	
RETH	85.27		P	22:57:54.906	-0.1	42.4		4.88		TAS		115.9	1.25	m_e	MBB 6.3
RGN	82.35		P	22:57:40.757	-0.0	42.4		4.88		TAS		235.0	1.29	m_e	MBB 6.4
RUE	83.64		P	22:57:46.995	-0.1	42.4		4.88		TAS		173.6	1.06	m_e	MBB 6.5
STU	88.34		P	22:58:09.937	-0.5	42.4		4.88		TAS		99.4	1.19	m_e	MBB 6.4
TANN	85.70		P	22:57:57.181	0.5	42.4		4.88		TAS		43.1	1.27	m_e	MBB 5.9
TNS	87.55		P	22:58:06.674	0.2	42.4		4.88		TAS		64.4	1.75	m_e	MBB 5.8
WET	86.43		P	22:58:00.938	-0.2	42.4		4.88		TAS		43.1	1.33	m_e	MBB 5.9
WLF	88.93		P	22:58:13.151	0.3	42.4		4.88		TAS		32.1	1.21	m_e	MBB 5.8

Event 10914002 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/14	20:13:54.32		2.1600	95.5920				25.3	0.1		23	83.06	88.02	m	i ke	BGR	
10914008																	

Magnitude Err Nsta Author OrigID
 mb 5.4 BGR 10914008
 Ms 5.0 BGR 10914008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.19		P	20:26:26.900	-0.2	92.9		5.03		TAS		70.0	1.78	m_e	mb 5.6
BFO	86.59		P	20:26:33.530		92.9		5.03		TAS		18.6	1.32	m_e	mb 5.0
BRG	83.07		P	20:26:16.091	0.1	92.9		5.03		TAS		41.8	1.47	m_e	mb 5.5
BSEG	85.48		P	20:26:28.407	0.0	92.9		5.03		TAS		40.3	1.24	m_e	mb 5.5

BUG	87.29	P	20:26:37.340	-0.2	92.9	5.03	TAS	13.1	1.31	m_e	mb	4.9
CLL	83.69	P	20:26:19.033	0.0	92.9	5.03	TAS	19.3	1.29	m_e	mb	5.2
FLT1	84.85	P	20:26:24.443	0.1	92.9	5.03	TAS	34.1	1.79	m_e	mb	5.3
FUR	84.62	P	20:26:23.500		92.9	5.03	TAS	54.8	1.49	m_e	mb	5.6
GEC2	83.06	P	20:26:16.454	-0.5	92.9	5.03	TAS	72.6	1.36	m_e	mb	5.7
GEC2	83.06	pP	20:26:23.785				T__				m_e	
GOR1	84.85	P	20:26:25.674	-0.1	92.9	5.03	TAS	99.3	1.95	m_e	mb	5.7
GRA1	84.73	P	20:26:25.355	0.3	92.9	5.03	TAS	51.1	1.28	m_e	mb	5.6
GRA1	84.73	L	21:10:57.744				T__	760.5	19.20	a_e	Ms	5.1
GTTG	85.61	P	20:26:29.162	-0.4	92.9	5.03	TAS	43.0	1.41	m_e	mb	5.4
IBBN	86.98	P	20:26:36.081	-0.0	92.9	5.03	TAS	33.0	1.19	m_e	mb	5.3
KAST	86.57	P	20:26:33.687	-0.2	92.9	5.03	TAS	21.7	1.26	m_e	mb	5.1
MOX	84.53	P	20:26:23.443	0.1	92.9	5.03	TAS	27.7	1.39	m_e	mb	5.3
MOX	84.53	L	21:10:41.135				T__	539.4	22.00	a_e	Ms	4.9
NEUB	84.46	P	20:26:23.279	-0.1	92.9	5.03	TAS	20.4	0.95	m_e	mb	5.3
PLN	84.17	P	20:26:21.935	0.3	92.9	5.03	TAS	8.2	1.37	m_e	mb	4.8
RETH	86.01	P	20:26:31.112	0.1	92.9	5.03	TAS	47.0	1.54	m_e	mb	5.4
RUE	83.31	P	20:26:17.397	-0.8	92.9	5.03	TAS	100.1	1.45	m_e	mb	5.8
TANN	83.97	P	20:26:20.920	0.2	92.9	5.03	TAS	29.6	1.61	m_e	mb	5.3
TNS	86.53	P	20:26:34.046	0.8	92.9	5.03	TAS	24.8	1.21	m_e	mb	5.2
WET	83.62	P	20:26:19.233	-0.4	92.9	5.03	TAS	47.8	1.52	m_e	mb	5.5
WET	83.62	pP	20:26:26.616				T__				m_e	
WLF	88.02	P	20:26:41.375	0.2	92.9	5.03	TAS	32.6	1.32	m_e	mb	5.5

Event 10915001 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/15	02:19:39.48	0.52	1.14	41.8420	19.9850	10.0	7.8	37	10.0				38 316	6.08	12.27	m i ke	BGR
10915007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	10915007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.27		Sn	02:22:13.284	-2.5					T__				m_e	
ARSA	6.27		Pn	02:21:09.044	-0.9					T__				m_e	ML 4.2
BERGE	10.31		Pn	02:22:03.049	-1.4					T__				m_e	
BFO	10.48		Sn	02:23:51.471	-2.4					T__				m_e	
BFO	10.48		Pn	02:22:05.084	-1.5					T__				m_e	
BIOA	7.38		Pn	02:21:24.721	-0.2					T__				m_e	ML 4.6
BRG	9.94		Pn	02:21:58.927	-0.5					T__				m_e	
CKRC	8.04		Pn	02:21:35.565	1.8					T__				m_e	ML 4.4
DAVA	9.03		Sn	02:23:20.674	0.5					T__				m_e	
FETA	8.40		Sn	02:23:05.899	0.4					T__				m_e	
FETA	8.40		Pn	02:21:38.390	-0.3					T__				m_e	ML 4.7
GEC2	8.28		Pn	02:21:36.835	-0.1					T__				m_e	ML 4.3

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	10915009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.21		Sn	12:29:22.206	-3.0					T__				m_e	
ARSA	6.21		Pn	12:28:19.361	-0.7					T__				m_e ML	4.1
BIOA	7.33		Sn	12:29:51.054	-0.3					T__				m_e ML	4.2
FETA	8.37		Sn	12:30:15.899	0.2					T__				m_e ML	4.3
JAVC	7.11		Pn	12:28:32.914	0.7					T__				m_e ML	4.0
KBA	7.02		Sn	12:29:44.010	-0.1					T__				m_e	
KBA	7.02		Pn	12:28:30.054	-0.7					T__				m_e ML	4.0
KHC	8.49		Sn	12:30:19.042	0.4					T__				m_e	
KHC	8.49		Pn	12:28:51.957	1.1					T__				m_e ML	3.9
KRUC	7.56		Sn	12:29:57.583	0.7					T__				m_e ML	4.0
LESA	7.58		Sn	12:29:59.720	2.4					T__				m_e	
LESA	7.58		Pn	12:28:37.796	-0.8					T__				m_e ML	4.2
MOA	7.19		Sn	12:29:47.113	-1.0					T__				m_e ML	4.3
MORC	8.02		Sn	12:30:07.975	0.4					T__				m_e ML	4.5
MOTA	8.35		Sn	12:30:14.272	-0.9					T__				m_e	
MOTA	8.35		Pn	12:28:48.496	-0.4					T__				m_e ML	4.7
NORI	9.47		Pn	12:29:04.928	0.9					T__				m_e	
OBKA	6.03		Pn	12:28:18.627	0.9					T__				m_e	
PART	8.43		Sn	12:30:17.698	0.4					T__				m_e ML	4.5
PLONS	9.16		Pn	12:28:59.445	-0.5					T__				m_e	
SQTA	8.22		Sn	12:30:13.251	1.1					T__				m_e ML	4.5
WTTA	8.01		Sn	12:30:05.905	-1.5					T__				m_e	
WTTA	8.01		Pn	12:28:44.846	0.5					T__				m_e ML	4.5
ZUGS	8.46		Sn	12:30:19.362	1.5					T__				m_e	
ZUGS	8.46		Pn	12:28:49.327	-1.1					T__				m_e ML	4.7

Event 10915004 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/15	20:33:33.27			28.1130	104.0620				10.0			24		68.36	73.86	m i ke	BGR
				10915010													

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	10915010
MBB	6.0		BGR	10915010
Ms	5.3		BGR	10915010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.27		P	20:44:45.905	0.2	69.0		6.10		TAS		78.5	1.43	m_e MBB	6.0
BFO	73.09		P	20:45:02.166		69.0		6.10		TAS		152.7	1.38	m_e MBB	6.1
BRG	68.77		P	20:44:35.177	-0.5	69.0		6.10		TAS		132.1	1.72	m_e MBB	6.0

BSEG	69.84	P	20:44:42.855	-0.1	69.0	6.10	TAS										m_e	
BUG	72.48	P	20:44:58.864	-0.4	69.0	6.10	TAS	52.7	1.47	m_e	MBB	5.7						
CLL	69.19	P	20:44:38.434	-0.1	69.0	6.10	TAS	114.0	1.50	m_e	MBB	6.0						
FLT1	69.87	P	20:44:42.622	-0.3	69.0	6.10	TAS										m_e	
FUR	71.33	P	20:44:52.394	-0.1	69.0	6.10	TAS	560.7	1.62	m_e	mb	6.4						
GEC2	69.59	P	20:44:41.788	0.2	69.0	6.10	TAS	120.9	1.47	m_e	MBB	6.0						
GOR1	69.61	P	20:44:41.226	0.1	69.0	6.10	TAS	200.2	1.37	m_e	MBB	6.3						
GRA1	70.81	P	20:44:49.369	0.3	69.0	6.10	TAS	260.4	1.54	m_e	mb	6.1						
GRA1	70.81	L	21:17:37.587				T__	2128.4	20.00	a_e	Ms	5.4						
GTTG	70.89	P	20:44:49.602	0.4	69.0	6.10	TAS	168.0	1.55	m_e	MBB	6.1						
IBBN	71.87	P	20:44:55.419	-0.2	69.0	6.10	TAS	169.6	1.48	m_e	MBB	6.2						
KAST	71.92	P	20:44:55.419	0.4	69.0	6.10	TAS	58.1	1.44	m_e	MBB	5.9						
MOX	70.24	P	20:44:45.386	0.5	69.0	6.10	TAS	108.5	1.58	m_e	MBB	5.9						
MOX	70.24	L	21:16:52.747				T__	1489.4	21.10	a_e	Ms	5.2						
NEUB	69.95	P	20:44:43.320	-0.1	69.0	6.10	TAS	271.7	1.64	m_e	MBB	6.2						
PLN	69.97	P	20:44:43.553	0.6	69.0	6.10	TAS	38.4	1.54	m_e	MBB	5.5						
RETH	70.80	P	20:44:48.829	0.5	69.0	6.10	TAS	135.4	1.63	m_e	MBB	6.1						
RUE	68.36	P	20:44:34.352	-1.2	69.0	6.10	TAS	193.2	1.46	m_e	MBB	6.3						
STU	72.39	P	20:44:58.909	-0.6	69.0	6.10	TAS	301.2	1.30	m_e	MBB	6.5						
TANN	69.81	P	20:44:42.622	-0.4	69.0	6.10	TAS	114.8	1.57	m_e	MBB	5.9						
TNS	72.27	P	20:44:57.513	-0.1	69.0	6.10	TAS	109.2	1.52	m_e	MBB	6.0						
WET	69.99	P	20:44:44.451	0.0	69.0	6.10	TAS	125.2	1.55	m_e	MBB	6.0						
WLF	73.86	P	20:45:07.052		69.0	6.10	TAS	238.1	1.27	m_e	MBB	6.2						

Event 10916002 Eastern Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/16	09:42:37.30			38.0250	137.2160				33.0			17		77.53	82.66	m i ke	BGR
10916008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	10916008
Ms	4.4		BGR	10916008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	82.66		P	09:54:55.914		40.3		5.38		TAS		50.1	1.02	m_e	mb 5.7
BRG	78.37		P	09:54:33.280	-0.1	40.3		5.38		TAS		16.8	0.83	m_e	mb 5.2
BSEG	77.53		P	09:54:28.749	0.1	40.3		5.38		TAS		26.1	0.91	m_e	mb 5.4
BUG	80.63		P	09:54:45.625	-0.1	40.3		5.38		TAS		8.1	0.89	m_e	mb 4.8
CLL	78.44		P	09:54:33.409	0.5	40.3		5.38		TAS		35.4	0.86	m_e	mb 5.4
FLT1	78.39		P	09:54:33.070	-0.0	40.3		5.38		TAS		24.3	0.95	m_e	mb 5.3
FUR	81.55		P	09:54:50.938		40.3		5.38		TAS		72.6	1.05	m_e	mb 5.7
GEC2	79.98		P	09:54:41.990		40.3		5.38		TAS		16.0	0.95	m_e	mb 4.9
GRA1	80.41		P	09:54:44.830		40.3		5.38		TAS		66.8	0.99	m_e	mb 5.6
GRA1	80.41		L	10:34:11.570						T__		219.1	18.20	a_e	Ms 4.5
GTTG	79.50		P	09:54:39.915	-0.1	40.3		5.38		TAS		39.3	1.34	m_e	mb 5.2

IBBN	79.76	P	09:54:40.908	-0.3	40.3	5.38	TAS	44.9	0.95	m_e	mb	5.4
KAST	80.38	P	09:54:44.119	-0.0	40.3	5.38	TAS	17.4	0.99	m_e	mb	5.0
MOX	79.52	P	09:54:39.477	-0.6	40.3	5.38	TAS	19.6	1.15	m_e	mb	4.9
MOX	79.52	L	10:37:24.402				T__	141.0	18.30	a_e	Ms	4.3
RETH	78.81	P	09:54:35.765	0.5	40.3	5.38	TAS	28.9	1.17	m_e	mb	5.2
STU	81.96	P	09:54:52.569		40.3	5.38	TAS	121.8	1.13	m_e	mb	5.9
TNS	81.13	P	09:54:48.183		40.3	5.38	TAS	19.9	0.97	m_e	mb	5.1
WET	80.11	P	09:54:42.740		40.3	5.38	TAS	24.4	1.07	m_e	mb	5.1

Event 10916003 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/16	17:52:05.48			56.3880	-158.1690				33.0			23		69.51	75.31	m i ke	BGR
OrigID 10916009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	10916009
Ms	5.1		BGR	10916009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	71.33		P	18:03:20.868	-0.2	353.9		5.88		TAS		112.2	1.63	m_e	mb 5.7
BFO	74.91		P	18:03:41.681		353.9		5.88		TAS		85.0	1.76	m_e	mb 5.5
BRG	72.78		P	18:03:29.755	0.1	353.9		5.88		TAS		78.8	1.58	m_e	mb 5.6
BSEG	69.51		P	18:03:10.208	0.0	353.9		5.88		TAS		161.1	1.62	m_e	mb 5.9
BUG	71.74		P	18:03:23.146	0.1	353.9		5.88		TAS		61.4	1.62	m_e	mb 5.5
CLL	72.29		P	18:03:26.391	0.3	353.9		5.88		TAS		50.0	1.44	m_e	mb 5.4
FLT1	71.17		P	18:03:19.592	-0.2	353.9		5.88		TAS		75.1	1.53	m_e	mb 5.6
FUR	75.31		P	18:03:45.087		353.9		5.88		TAS		180.4	1.75	m_e	mb 5.8
GEC2	74.79		P	18:03:40.830	0.6	353.9		5.88		TAS		94.9	1.93	m_e	mb 5.5
GOR1	70.52		P	18:03:16.377	0.2	353.9		5.88		TAS		323.1	2.20	m_e	mb 6.1
GRA1	73.79		P	18:03:35.598	-0.1	353.9		5.88		TAS		109.1	1.70	m_e	mb 5.6
GRA1	73.79		L	18:34:46.829						T__		1305.6	21.90	a_e	Ms 5.2
GTTG	71.86		P	18:03:24.802	0.0	353.9		5.88		TAS		37.2	0.99	m_e	mb 5.5
IBBN	70.92		P	18:03:18.715	0.4	353.9		5.88		TAS		478.2	2.29	m_e	mb 6.2
KAST	72.07		P	18:03:25.349	-0.0	353.9		5.88		TAS		115.7	1.77	m_e	mb 5.7
MOX	72.87		P	18:03:30.005	-0.1	353.9		5.88		TAS		207.0	2.05	m_e	mb 5.9
MOX	72.87		L	18:39:01.537						T__		994.8	21.30	a_e	Ms 5.1
NEUB	72.33		P	18:03:26.951	-0.0	353.9		5.88		TAS		86.9	1.37	m_e	mb 5.7
PLN	73.06		P	18:03:31.132	0.0	353.9		5.88		TAS		38.7	1.99	m_e	mb 5.2
RETH	70.63		P	18:03:16.852	-0.4	353.9		5.88		TAS		111.4	1.64	m_e	mb 5.7
STU	74.55		P	18:03:39.854		353.9		5.88		TAS		107.7	1.27	m_e	mb 5.7
TANN	73.15		P	18:03:31.757	0.1	353.9		5.88		TAS		145.9	2.01	m_e	mb 5.8
TNS	73.05		P	18:03:30.967	-0.0	353.9		5.88		TAS		132.9	1.69	m_e	mb 5.8
WET	74.44		P	18:03:39.253	-0.3	353.9		5.88		TAS		103.9	1.70	m_e	mb 5.6
WLF	73.39		P	18:03:32.970	-0.5	353.9		5.88		TAS		161.5	1.69	m_e	mb 5.8

Event 10916004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/16	19:42:32.50			-23.8600	-179.7300				540.0			19		148.95	154.68	m i ke	EMSC
	10916036																

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.60		PKPbc	20:01:24.166	-0.2	19.6		2.19		TAS					m_e
BFO	154.68		PKPab	20:01:49.876		19.5		4.29		TAS					m_e
BRG	150.96		PKPbc	20:01:24.901	0.2	19.6		2.19		TAS					m_e
BRG	150.96		PKPab	20:01:34.589	0.3	19.5		4.29		TAS					m_e
BSEG	148.95		PKPbc	20:01:19.909	-0.1	19.6		2.19		TAS					m_e
BUG	151.86		PKPbc	20:01:26.487	-0.2	19.6		2.19		TAS					m_e
CLL	150.82		PKPbc	20:01:24.510	0.3	19.6		2.19		TAS					m_e
CLL	150.82		PKPab	20:01:33.567	0.2	19.5		4.29		TAS					m_e
FLT1	150.29		PKPbc	20:01:22.919	0.4	19.6		2.19		TAS					m_e
FLT1	150.29		PKPab	20:01:31.325	-0.1	19.5		4.29		TAS					m_e
FUR	154.15		PKPab	20:01:48.873		19.5		4.29		TAS					m_e
GEC2	152.84		PKPbc	20:01:28.823		19.6		2.19		TAS					m_e
GEC2	152.84		PKPab	20:01:42.996		19.5		4.29		TAS					m_e
GOR1	149.65		PKPbc	20:01:21.965	0.1	19.6		2.19		TAS					m_e
GOR1	149.65		PKPab	20:01:29.612	0.0	19.5		4.29		TAS					m_e
GRA1	152.75		PKPab	20:01:42.544		19.5		4.29		TAS					m_e
GTTG	151.29		PKPbc	20:01:25.787	0.0	19.6		2.19		TAS					m_e
GTTG	151.29		PKPab	20:01:36.002	-0.1	19.5		4.29		TAS					m_e
IBBN	150.94		PKPbc	20:01:24.792	0.3	19.6		2.19		TAS					m_e
IBBN	150.94		PKPab	20:01:34.506	-0.5	19.5		4.29		TAS					m_e
KAST	151.91		PKPbc	20:01:26.587	0.0	19.6		2.19		TAS					m_e
MOX	151.77		PKPbc	20:01:26.273	-0.0	19.6		2.19		TAS					m_e
MOX	151.77		PKPab	20:01:37.948	0.1	19.5		4.29		TAS					m_e
NEUB	151.23		PKPbc	20:01:25.560	-0.2	19.6		2.19		TAS					m_e
NEUB	151.23		PKPab	20:01:35.542	-0.0	19.5		4.29		TAS					m_e
PLN	151.79		PKPbc	20:01:26.807	0.1	19.6		2.19		TAS					m_e
PLN	151.79		PKPab	20:01:38.298	-0.2	19.5		4.29		TAS					m_e
RETH	150.27		PKPbc	20:01:23.118	0.1	19.6		2.19		TAS					m_e
RETH	150.27		PKPab	20:01:31.128	-0.2	19.5		4.29		TAS					m_e
RUE	149.56		PKPbc	20:01:21.761	-0.3	19.6		2.19		TAS					m_e
RUE	149.56		PKPab	20:01:28.465	0.2	19.5		4.29		TAS					m_e
STU	154.08		PKPab	20:01:47.802		19.5		4.29		TAS					m_e
TANN	151.77		PKPbc	20:01:26.529	0.1	19.6		2.19		TAS					m_e
TANN	151.77		PKPab	20:01:38.341	-0.0	19.5		4.29		TAS					m_e
TNS	152.84		PKPbc	20:01:28.891	-0.3	19.6		2.19		TAS					m_e
TNS	152.84		PKPab	20:01:42.583	-0.5	19.5		4.29		TAS					m_e
WET	152.81		PKPab	20:01:42.965		19.5		4.29		TAS					m_e

WLF	153.75	PKPbc	20:01:30.971	19.6	2.19	TAS	m_e
WLF	153.75	PKPab	20:01:46.596	0.5 19.5	4.29	TAS	m_e

Event 10916005 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/16	23:05:13.31			55.3500	-158.3980				33.0			24		70.56	76.36	m i ke	BGR
10916011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	10916011
Ms	4.5		BGR	10916011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.38		P	23:16:35.118	0.1	353.9		5.80		TAS		90.5	1.83	m_e mb	5.6
BFO	75.96		P	23:16:55.375		353.9		5.80		TAS		29.5	1.42	m_e mb	5.2
BRG	73.82		P	23:16:42.966	-0.2	353.9		5.80		TAS		27.9	1.27	m_e mb	5.1
BSEG	70.56		P	23:16:24.182	0.2	353.9		5.80		TAS		57.9	1.35	m_e mb	5.5
BUG	72.78		P	23:16:37.276	-0.2	353.9		5.80		TAS		12.1	0.91	m_e mb	5.0
CLL	73.34		P	23:16:40.257	0.6	353.9		5.80		TAS		22.1	1.20	m_e mb	5.2
FLT1	72.21		P	23:16:33.586	0.6	353.9		5.80		TAS		25.8	1.21	m_e mb	5.2
FUR	76.36		P	23:16:58.486		353.9		5.80		TAS		62.1	1.51	m_e mb	5.5
GEC2	75.83		P	23:16:54.854	-0.3	353.9		5.80		TAS		34.0	1.68	m_e mb	5.2
GOR1	71.56		P	23:16:30.475	0.1	353.9		5.80		TAS		845.7	3.71	m_e mb	6.3
GRA1	74.84		P	23:16:49.543	-0.1	353.9		5.80		TAS		16.2	0.99	m_e mb	5.0
GRA1	74.84		L	23:51:27.383						T__		245.2	20.20	a_e Ms	4.5
GTTG	72.90		P	23:16:38.554	-0.2	353.9		5.80		TAS		38.6	1.09	m_e mb	5.5
IBBN	71.97		P	23:16:32.403	0.2	353.9		5.80		TAS		61.6	1.29	m_e mb	5.6
KAST	73.12		P	23:16:38.945	-0.3	353.9		5.80		TAS		30.0	1.37	m_e mb	5.2
MOX	73.92		P	23:16:43.250	-0.3	353.9		5.80		TAS		33.8	1.20	m_e mb	5.2
MOX	73.92		L	23:52:15.598						T__		317.5	20.50	a_e Ms	4.6
NEUB	73.38		P	23:16:41.310	-0.6	353.9		5.80		TAS		42.5	1.13	m_e mb	5.4
PLN	74.11		P	23:16:44.717	-0.4	353.9		5.80		TAS		5.0	1.00	m_e mb	4.5
RETH	71.68		P	23:16:31.055	-0.1	353.9		5.80		TAS		34.0	1.26	m_e mb	5.3
RUE	72.22		P	23:16:34.083	-0.4	353.9		5.80		TAS		32.9	0.89	m_e mb	5.5
STU	75.60		P	23:16:53.955	0.4	353.9		5.80		TAS		69.1	1.36	m_e mb	5.6
TANN	74.20		P	23:16:45.214	-0.1	353.9		5.80		TAS		25.8	1.50	m_e mb	5.0
TNS	74.10		P	23:16:44.433	0.3	353.9		5.80		TAS		21.1	0.95	m_e mb	5.1
WET	75.49		P	23:16:53.068	0.4	353.9		5.80		TAS		31.3	1.41	m_e mb	5.2
WLF	74.43		P	23:16:46.586	0.1	353.9		5.80		TAS		49.3	1.32	m_e mb	5.4

Event 10917006 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2021/09/17 10:28:40.70 -13.5140 167.3900 10.0 8 135.72 141.12 m i ke NEIC
 10917045

Magnitude Err Nsta Author OrigID
 Ms 5.4 BGR 10917012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	137.13		PKPdf	10:48:02.814	0.7	36.7		2.00		TAS				a_e	
BFO	141.12		PKPdf	10:48:11.384		36.7		2.00		TAS				m_e	
BRG	136.91		PKPdf	10:48:02.464	-0.1	36.7		2.00		TAS				a_e	
BSEG	135.74		PKPdf	10:48:00.154	-0.2	36.7		2.00		TAS				m_e	
BSEG	135.74		PP	10:50:39.575	0.4	36.8		6.34		TAS				m_e	
BUG	138.83		PKPdf	10:48:07.314	-0.3	36.7		2.00		TAS				a_e	
CLL	136.94		PKPdf	10:48:02.214	-0.2	36.7		2.00		TAS				a_e	
CLL	136.94		PP	10:50:46.362	-0.1	36.8		6.34		TAS				m_e	
FLT1	136.77		PKPdf	10:48:01.914	-0.1	36.7		2.00		TAS				a_e	
FLT1	136.77		PP	10:50:46.001	0.8	36.8		6.34		TAS				m_e	
FUR	140.12		PKPdf	10:48:08.495		36.7		2.00		TAS				m_e	
FUR	140.12		PP	10:51:06.734		36.8		6.34		TAS				m_e	
GEC2	138.57		PKPdf	10:48:05.664	0.5	36.7		2.00		TAS				a_e	
GOR1	136.20		PKPdf	10:48:01.164	1.3	36.7		2.00		TAS				a_e	
GRA1	138.92		PKPdf	10:48:06.364	-0.1	36.7		2.00		TAS				a_e	
GRA1	138.92		PP	10:50:59.361		36.8		6.34		TAS				m_e	
GRA1	138.92		L	12:02:39.214						T__		791.8	20.20	a_e Ms	5.5
GTTG	137.86		PKPdf	10:48:04.364	-0.3	36.7		2.00		TAS				a_e	
IBBN	137.93		PKPdf	10:48:04.414	-0.2	36.7		2.00		TAS				m_e	
KAST	138.67		PKPdf	10:48:05.864	0.0	36.7		2.00		TAS				a_e	
MOX	138.00		PKPdf	10:48:04.564	0.1	36.7		2.00		TAS				a_e	
MOX	138.00		L	12:01:18.879						T__		583.1	21.30	a_e Ms	5.3
NEUB	137.50		PKPdf	10:48:03.464	-0.1	36.7		2.00		TAS				a_e	
PLN	137.92		PKPdf	10:48:04.414	-0.0	36.7		2.00		TAS				a_e	
PLN	137.92		PP	10:50:49.881		36.8		6.34		TAS				m_e	
RETH	137.06		PKPdf	10:48:02.764	-0.4	36.7		2.00		TAS				a_e	
RETH	137.06		PP	10:50:46.362		36.8		6.34		TAS				m_e	
RUE	135.72		PKPdf	10:48:01.364	-0.3	36.7		2.00		TAS				a_e	
STU	140.44		PKPdf	10:48:09.364	-0.3	36.7		2.00		TAS				a_e	
TANN	137.86		PKPdf	10:48:04.414	0.2	36.7		2.00		TAS				a_e	
TNS	139.49		PKPdf	10:48:07.714	-0.1	36.7		2.00		TAS				a_e	
WET	138.69		PKPdf	10:48:06.064	-0.2	36.7		2.00		TAS				a_e	
WLF	140.73		PKPdf	10:48:10.564	0.1	36.7		2.00		TAS				a_e	
WLF	140.73		PP	10:51:10.546		36.8		6.34		TAS				m_e	

Event 10917007 Pakistan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID

2021/09/17 19:11:58.10 29.2900 69.6500 33.0 14 46.47 51.43 m i ke BGR
10917013

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 10917013
Ms 4.1 BGR 10917013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	50.02		P	19:20:48.878		93.7		7.72		TAS		11.5	1.28	m_e	mb	4.7
BRG	46.48		P	19:20:22.249	-0.1	93.7		7.72		TAS		4.8	0.96	m_e	mb	4.5
BSEG	48.98		P	19:20:41.629		93.7		7.72		TAS		13.5	1.05	m_e	mb	4.9
BUG	50.70		P	19:20:54.904		93.7		7.72		TAS		2.4	0.92	m_e	mb	4.1
FLT1	48.29		P	19:20:35.689	-0.1	93.7		7.72		TAS		7.2	0.93	m_e	mb	4.8
GEC2	46.47		P	19:20:21.747	-0.3	93.7		7.72		TAS		4.1	0.95	m_e	mb	4.4
GRA1	48.14		P	19:20:35.493	-0.5	93.7		7.72		TAS		9.9	1.01	m_e	mb	4.9
GRA1	48.14		L	19:45:41.710						T__		131.6	19.90	a_e	Ms	3.9
GTTG	49.02		P	19:20:42.276		93.7		7.72		TAS		7.1	0.79	m_e	mb	4.8
IBBN	50.42		P	19:20:52.294		93.7		7.72		TAS		12.4	1.01	m_e	mb	4.8
MOX	47.93		P	19:20:33.811	0.3	93.7		7.72		TAS		6.7	1.02	m_e	mb	4.7
MOX	47.93		L	19:43:58.952						T__		268.4	19.60	a_e	Ms	4.2
NEUB	47.87		P	19:20:33.289	0.2	93.7		7.72		TAS		7.3	0.86	m_e	mb	4.8
PLN	47.58		P	19:20:30.930	-0.6	93.7		7.72		TAS		2.5	1.23	m_e	mb	4.2
TANN	47.38		P	19:20:29.393	0.2	93.7		7.72		TAS		4.8	1.04	m_e	mb	4.6
WLF	51.43		P	19:21:00.758		93.7		7.72		TAS		8.7	1.13	m_e	mb	4.6

Event 10917008 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/09/17 19:36:07.58 49.3700 153.3400 33.0 21 72.77 77.98 m i ke BGR
10917014

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 10917014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	73.89		P	19:47:40.311	0.2	24.7		5.73		TAS		4.8	0.72	m_e	mb	4.6
BFO	77.98		P	19:48:03.506		24.7		5.73		TAS		5.6	0.67	m_e	mb	4.8
BRG	74.16		P	19:47:41.666	-0.0	24.7		5.73		TAS		6.4	0.96	m_e	mb	4.6
BUG	75.36		P	19:47:48.959	0.1	24.7		5.73		TAS		3.5	0.57	m_e	mb	4.6
CLL	74.03		P	19:47:41.038	-0.3	24.7		5.73		TAS		18.9	0.61	m_e	mb	5.3
FLT1	73.57		P	19:47:38.241	-0.2	24.7		5.73		TAS		8.0	0.83	m_e	mb	4.8
FUR	77.35		P	19:48:00.220		24.7		5.73		TAS		15.2	0.70	m_e	mb	5.2
GEC2	76.05		P	19:47:52.652	-0.3	24.7		5.73		TAS		5.3	0.64	m_e	mb	4.8
GRA1	75.97		P	19:47:52.952	0.0	24.7		5.73		TAS		25.9	0.64	m_e	mb	5.5
GTTG	74.61		P	19:47:44.165	-0.0	24.7		5.73		TAS		19.1	1.60	m_e	mb	4.9
IBBN	74.44		P	19:47:43.752	0.1	24.7		5.73		TAS		11.2	0.59	m_e	mb	5.1

KAST	75.30	P	19:47:48.480	-0.0	24.7	5.73	TAS	6.8	0.74	m_e	mb	4.8
MOX	75.00	P	19:47:46.884	0.5	24.7	5.73	TAS	6.4	0.59	m_e	mb	4.8
NEUB	74.46	P	19:47:43.578	0.0	24.7	5.73	TAS	11.9	0.68	m_e	mb	5.0
PLN	75.00	P	19:47:46.750	0.6	24.7	5.73	TAS	1.6	0.54	m_e	mb	4.3
RETH	73.66	P	19:47:39.322	-0.1	24.7	5.73	TAS	8.6	1.13	m_e	mb	4.7
RUE	72.77	P	19:47:33.924	-0.1	24.7	5.73	TAS	13.1	0.63	m_e	mb	5.2
STU	77.35	P	19:47:59.903		24.7	5.73	TAS	21.5	0.64	m_e	mb	5.4
TANN	74.98	P	19:47:46.627	0.2	24.7	5.73	TAS	3.3	0.75	m_e	mb	4.4
TNS	76.20	P	19:47:53.796		24.7	5.73	TAS	10.6	0.70	m_e	mb	5.1
WET	76.02	P	19:47:52.986	-0.3	24.7	5.73	TAS	10.6	0.68	m_e	mb	5.1

Event 10917009 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/17	22:06:47.99			38.7800	73.2700				123.6	0.8		25		42.56	47.78	m i ke	BGR
OrigID 10917015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10917015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	46.70		P	22:15:03.845	-0.2	81.2		7.92		TAS		6.4	0.81	m_e	mb	4.8
BRG	42.65		P	22:14:32.262	-0.3	81.2		7.92		TAS		23.3	0.95	m_e	mb	4.9
BSEG	44.47		P	22:14:47.293	1.1	81.2		7.92		TAS		23.3	0.79	m_e	mb	5.2
BUG	46.69		P	22:15:04.419	0.0	81.2		7.92		TAS		6.3	1.07	m_e	mb	4.7
CLL	43.18		P	22:14:36.175	-0.6	81.2		7.92		TAS		17.1	0.71	m_e	mb	4.9
CLL	43.18		pP	22:15:04.274						T__				m_e		
FLT1	44.12		P	22:14:43.589	-0.6	81.2		7.92		TAS		34.5	0.83	m_e	mb	5.1
FUR	44.81		P	22:14:50.138	0.1	81.2		7.92		TAS		39.0	0.90	m_e	mb	5.3
GEC2	43.10		P	22:14:35.936	0.3	81.2		7.92		TAS		10.8	0.87	m_e	mb	4.6
GOR1	44.00		P	22:14:43.294	0.2	81.2		7.92		TAS		26.4	1.27	m_e	mb	4.8
GRA1	44.55		P	22:14:48.341	0.8	81.2		7.92		TAS		33.4	1.00	m_e	mb	5.2
GRA1	44.55		pP	22:15:16.743						T__				m_e		
GTTG	45.02		P	22:14:51.519	-0.1	81.2		7.92		TAS		43.6	0.86	m_e	mb	5.4
HLG	45.86		P	22:14:58.042	0.0	81.2		7.92		TAS		173.7	0.98	m_e	mb	6.0
IBBN	46.24		P	22:15:00.920	-0.4	81.2		7.92		TAS		15.7	0.77	m_e	mb	5.1
KAST	46.04		P	22:14:58.734	-0.3	81.2		7.92		TAS		3.3	0.85	m_e	mb	4.4
MOX	44.14		P	22:14:44.305	-0.1	81.2		7.92		TAS		14.3	0.96	m_e	mb	4.7
NEUB	43.96		P	22:14:42.504	-0.5	81.2		7.92		TAS		24.4	0.87	m_e	mb	5.0
PLN	43.83		P	22:14:41.671	-0.2	81.2		7.92		TAS		2.8	0.80	m_e	mb	4.0
RETH	45.20		P	22:14:52.605	0.7	81.2		7.92		TAS		9.2	0.94	m_e	mb	4.7
RGN	42.66		P	22:14:32.624	0.6	81.2		7.92		TAS		153.4	0.84	m_e	mb	5.8
RUE	42.56		P	22:14:30.997	-0.8	81.2		7.92		TAS		13.7	0.81	m_e	mb	4.7
STU	46.04		P	22:14:59.134	-0.7	81.2		7.92		TAS		124.1	1.59	m_e	mb	5.7
TANN	43.64		P	22:14:40.302	-0.1	81.2		7.92		TAS		11.3	1.04	m_e	mb	4.5
TNS	46.21		P	22:15:00.479	-0.0	81.2		7.92		TAS		6.7	0.79	m_e	mb	4.7

WET	43.58	P	22:14:39.922	0.3	81.2	7.92	TAS	16.5	1.13	m_e	mb	4.7
WLF	47.78	P	22:15:13.208		81.2	7.92	TAS	21.5	0.85	m_e	mb	5.3

Event 10918001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/18	00:56:06.92			-15.9280	-173.7090				72.5	0.3		19		143.38	147.55	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	143.62		PKPbc	01:15:30.006	0.2	8.5		3.20		TAS				m_e	
BFO	147.55		PKPbc	01:15:42.229		8.5		3.20		TAS				m_e	
BRG	144.51		PKPbc	01:15:32.760	0.3	8.5		3.20		TAS				m_e	
BUG	144.47		PKPbc	01:15:32.353	0.1	8.5		3.20		TAS				m_e	
CLL	144.21		PKPbc	01:15:31.200	0.4	8.5		3.20		TAS				m_e	
FLT1	143.38		PKPbc	01:15:29.031	0.1	8.5		3.20		TAS				m_e	
FUR	147.50		PKPbc	01:15:42.205		8.5		3.20		TAS				m_e	
GEC2	146.53		PKPbc	01:15:38.985		8.5		3.20		TAS				m_e	
GRA1	145.99		PKPbc	01:15:37.497		8.5		3.20		TAS				m_e	
GRA1	145.99		sPKPbc	01:16:05.847						T__				m_e	
GTTG	144.25		PKPbc	01:15:31.832	0.3	8.5		3.20		TAS				m_e	
KAST	144.68		PKPbc	01:15:33.143	-0.3	8.5		3.20		TAS				m_e	
MOX	145.01		PKPbc	01:15:34.426	-0.2	8.5		3.20		TAS				m_e	
NEUB	144.45		PKPbc	01:15:32.427	0.1	8.5		3.20		TAS				m_e	
PLN	145.11		PKPbc	01:15:34.941	0.2	8.5		3.20		TAS				m_e	
STU	147.06		PKPbc	01:15:41.049		8.5		3.20		TAS				m_e	
TANN	145.15		PKPbc	01:15:34.956	0.0	8.5		3.20		TAS				m_e	
TNS	145.65		PKPbc	01:15:36.481	-0.2	8.5		3.20		TAS				m_e	
TNS	145.65		sPKPbc	01:16:05.008						T__				m_e	
WET	146.34		PKPbc	01:15:38.285		8.5		3.20		TAS				m_e	
WLF	146.25		PKPbc	01:15:38.938		8.5		3.20		TAS				m_e	

Event 10918005 Zaire

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/18	12:56:31.60			-6.7050	27.6630				33.0					57.99	57.99	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	4.6		BGR	10918011
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	57.99		P	13:06:22.728		159.8		7.06		TAS		6.5	1.12	m_e	mb 4.6

Event 10918006 Eastern New Guinea, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/18	20:47:06.70			-9.8400	148.5580				15.0			10		123.96	129.50	m i ke	NEIC
OrigID 10918045																	

Magnitude	Err	Nsta	Author	OrigID
Ms 5.0			BGR	10918012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	125.73		PKPdf	21:06:06.620	-0.0	56.5		1.97		TAS				a_e	
ASSE	125.73		pPKPdf	21:06:15.897	-0.4	59.5		1.87		TAS				m_e	
BFO	129.17		PKPdf	21:06:12.870	-0.4	56.5		1.97		TAS				a_e	
BRG	124.73		PKPdf	21:06:04.620	0.1	56.5		1.97		TAS				m_e	
BRG	124.73		pPKPdf	21:06:13.698		59.5		1.87		TAS				m_e	
BSEG	124.83		PKPdf	21:06:05.020	-0.0	56.5		1.97		TAS				a_e	
BUG	127.83		PKPdf	21:06:10.570	-0.3	56.5		1.97		TAS				a_e	
CLL	125.00		PKPdf	21:06:04.820	-0.3	56.5		1.97		TAS				m_e	
FLT1	125.33		PKPdf	21:06:05.520	-0.3	56.5		1.97		TAS				a_e	
FLT1	125.33		pPKPdf	21:06:15.108	0.1	59.5		1.87		TAS				m_e	
FUR	127.64		PKPdf	21:06:10.220	-0.0	56.5		1.97		TAS				a_e	
FUR	127.64		pPKPdf	21:06:19.109		59.5		1.87		TAS				m_e	
GEC2	125.91		PKPdf	21:06:06.870	0.0	56.5		1.97		TAS				a_e	
GEC2	125.91		pPKPdf	21:06:15.867		59.5		1.87		TAS				m_e	
GOR1	124.91		PKPdf	21:06:05.320	0.2	56.5		1.97		TAS				a_e	
GRA1	126.84		PKPdf	21:06:08.670	0.0	56.5		1.97		TAS				a_e	
GRA1	126.84		pPKPdf	21:06:17.410		59.5		1.87		TAS				m_e	
GRA1	126.84		L	22:04:09.468						T__		291.9	21.00	a_e Ms	4.9
GTTG	126.43		PKPdf	21:06:08.170	0.2	56.5		1.97		TAS				a_e	
IBBN	127.05		PKPdf	21:06:09.270	-0.1	56.5		1.97		TAS				a_e	
IBBN	127.05		pPKPdf	21:06:18.531	0.0	59.5		1.87		TAS				m_e	
KAST	127.41		PKPdf	21:06:09.970	0.0	56.5		1.97		TAS				a_e	
MOX	126.09		PKPdf	21:06:07.220	-0.0	56.5		1.97		TAS				a_e	
MOX	126.09		pPKPdf	21:06:16.374		59.5		1.87		TAS				m_e	
MOX	126.09		L	22:05:43.657						T__		324.7	20.60	a_e Ms	5.0
NEUB	125.70		PKPdf	21:06:06.370	-0.1	56.5		1.97		TAS				a_e	
NEUB	125.70		pPKPdf	21:06:15.697		59.5		1.87		TAS				m_e	
PLN	125.89		PKPdf	21:06:06.820	-0.0	56.5		1.97		TAS				a_e	
PLN	125.89		pPKPdf	21:06:15.445		59.5		1.87		TAS				m_e	
RETH	126.01		PKPdf	21:06:07.320	0.0	56.5		1.97		TAS				a_e	
RUE	123.96		PKPdf	21:06:03.170	0.1	56.5		1.97		TAS				a_e	
STU	128.45		PKPdf	21:06:11.820	-0.0	56.5		1.97		TAS				a_e	
TANN	125.77		PKPdf	21:06:06.670	0.1	56.5		1.97		TAS				a_e	

TNS	127.99	PKPdf	21:06:11.070	0.0	56.5	1.97	TAS	a_e
WET	126.22	PKPdf	21:06:07.670	0.2	56.5	1.97	TAS	a_e
WLF	129.50	PKPdf	21:06:14.570	0.5	56.5	1.97	TAS	a_e

Event 10919001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/19	00:19:05.54			-20.5650	-175.5460				189.2	3.0		29		146.30	153.03	m i ke	BGR
OrigID 10919007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.04		PKPbc	00:38:27.741	0.1	11.5		2.61		TAS					m_e
BFO	152.03		PKPdf	00:38:29.160		6.0		1.41		TAS					m_e
BFO	152.03		PKPbc	00:38:37.544	-0.2	11.5		2.61		TAS					m_e
BFO	152.03		PKPab	00:38:47.167		10.4		4.29		TAS					m_e
BFO	152.03		pPKPbc	00:39:26.529		9.4		2.62		TAS					m_e
BRG	148.76		PKPdf	00:38:26.284	1.0	6.0		1.41		TAS					m_e
BRG	148.76		PKPbc	00:38:29.882	-0.3	11.5		2.61		TAS					m_e
BSEG	146.30		PKPbc	00:38:22.599	-0.2	11.5		2.61		TAS					m_e
BUG	149.01		PKPdf	00:38:26.271		6.0		1.41		TAS					m_e
BUG	149.01		PKPbc	00:38:30.127	0.3	11.5		2.61		TAS					m_e
BUG	149.01		PKPab	00:38:34.166		10.4		4.29		TAS					m_e
CLL	148.51		PKPdf	00:38:25.168	0.1	6.0		1.41		TAS					m_e
CLL	148.51		PKPbc	00:38:28.965	0.3	11.5		2.61		TAS					m_e
CLL	148.51		pPKPbc	00:39:17.085		9.4		2.62		TAS					m_e
DAVA	152.89		PKPbc	00:38:39.658		11.5		2.61		TAS					m_e
FETA	153.03		PKPbc	00:38:40.001		11.5		2.61		TAS					m_e
FLT1	147.77		PKPdf	00:38:24.154	0.3	6.0		1.41		TAS					m_e
FLT1	147.77		PKPbc	00:38:26.852	0.0	11.5		2.61		TAS					m_e
FLT1	147.77		pPKPbc	00:39:16.035	0.6	9.4		2.62		TAS					m_e
FUR	151.83		PKPbc	00:38:37.308	-0.1	11.5		2.61		TAS					m_e
FUR	151.83		pPKPbc	00:39:26.185		9.4		2.62		TAS					m_e
GEC2	150.74		PKPbc	00:38:34.786	0.1	11.5		2.61		TAS					m_e
GOR1	147.12		PKPbc	00:38:25.326	-0.5	11.5		2.61		TAS					m_e
GOR1	147.12		pPKPbc	00:39:13.582	0.1	9.4		2.62		TAS					m_e
GRA1	150.35		PKPbc	00:38:34.031	0.5	11.5		2.61		TAS					m_e
GRA1	150.35		PKPab	00:38:40.295		10.4		4.29		TAS					m_e
GTTG	148.69		PKPbc	00:38:29.672	0.3	11.5		2.61		TAS					m_e
GTTG	148.69		PKPab	00:38:32.812		10.4		4.29		TAS					m_e
IBBN	148.12		PKPbc	00:38:28.188	0.3	11.5		2.61		TAS					m_e
IBBN	148.12		PKPab	00:38:30.773		10.4		4.29		TAS					m_e
KAST	149.18		PKPbc	00:38:30.947	0.3	11.5		2.61		TAS					m_e
KBA	152.50		PKPbc	00:38:38.085		11.5		2.61		TAS					m_e
MOX	149.37		PKPdf	00:38:26.766		6.0		1.41		TAS					m_e

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Wed Jan 11 09:16:11 2023

49

MOX	149.37	PKPbc	00:38:31.304	0.5	11.5	2.61	TAS	m_e
NEUB	148.81	PKPdf	00:38:25.840	-1.1	6.0	1.41	TAS	m_e
NEUB	148.81	PKPbc	00:38:29.954	0.2	11.5	2.61	TAS	m_e
PLN	149.44	PKPdf	00:38:26.993		6.0	1.41	TAS	m_e
PLN	149.44	PKPbc	00:38:31.562	0.3	11.5	2.61	TAS	m_e
RETH	147.57	PKPbc	00:38:26.143	0.0	11.5	2.61	TAS	m_e
RETH	147.57	pPKPbc	00:39:15.089	-0.6	9.4	2.62	TAS	m_e
RUE	147.25	PKPbc	00:38:25.553	-0.2	11.5	2.61	TAS	m_e
SQTA	152.76	PKPbc	00:38:39.238		11.5	2.61	TAS	m_e
STU	151.51	PKPdf	00:38:30.532		6.0	1.41	TAS	m_e
STU	151.51	PKPbc	00:38:36.552	-0.3	11.5	2.61	TAS	m_e
TANN	149.46	PKPdf	00:38:27.095		6.0	1.41	TAS	m_e
TANN	149.46	PKPbc	00:38:31.733	0.5	11.5	2.61	TAS	m_e
TNS	150.14	PKPbc	00:38:33.457	0.2	11.5	2.61	TAS	m_e
WET	150.61	PKPdf	00:38:28.863		6.0	1.41	TAS	m_e
WET	150.61	PKPbc	00:38:34.445	0.2	11.5	2.61	TAS	m_e
WET	150.61	pPKPbc	00:39:23.874		9.4	2.62	TAS	m_e
WLF	150.84	PKPbc	00:38:35.581	0.1	11.5	2.61	TAS	m_e
WLF	150.84	PKPab	00:38:42.519		10.4	4.29	TAS	m_e
WTTA	152.65	PKPbc	00:38:39.109		11.5	2.61	TAS	m_e

Event 10919002 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/19	08:18:27.18			35.2910	140.9770				33.0					83.40	84.30	m i ke	BGR
OrigID 10919008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10919008
Ms	4.9		BGR	10919008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.30		P	08:30:55.091		44.9		4.59		TAS		10.9	1.22	m_e	mb 5.0
GRA1	84.30		L	09:14:11.482						T__		547.9	18.60	a_e	Ms 5.0
MOX	83.40		L	09:08:07.590						T__		423.2	20.60	a_e	Ms 4.8

Event 10919005 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/19	19:24:06.43			25.5500	94.5300				72.1				23	64.62	69.93	m i ke	BGR
OrigID 10919011																	

Magnitude	Err	Nsta	Author	OrigID
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mb 5.2 BGR 10919011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	66.56		P	19:34:48.860	0.3	78.1		6.33		TAS		7.8	1.00	m_e	mb 4.9
BFO	68.91		P	19:35:03.321		78.1		6.33		TAS		5.8	0.96	m_e	mb 4.8
BRG	64.79		P	19:34:37.799	-0.5	78.1		6.33		TAS		14.5	0.79	m_e	mb 5.3
BSEG	66.40		P	19:34:48.400	-0.1	78.1		6.33		TAS		36.9	1.10	m_e	mb 5.5
BUG	68.77		P	19:35:03.130		78.1		6.33		TAS		8.2	1.27	m_e	mb 4.8
CLL	65.30		P	19:34:40.505	0.3	78.1		6.33		TAS		15.5	1.15	m_e	mb 5.1
FLT1	66.18		P	19:34:46.256	-0.1	78.1		6.33		TAS		12.3	1.05	m_e	mb 5.1
FUR	67.04		P	19:34:52.135	0.1	78.1		6.33		TAS		35.1	0.97	m_e	mb 5.6
GEC2	65.32		P	19:34:41.346	0.2	78.1		6.33		TAS		22.1	0.91	m_e	mb 5.4
GOR1	66.01		P	19:34:45.533	-0.1	78.1		6.33		TAS		29.2	1.03	m_e	mb 5.5
GRA1	66.74		P	19:34:50.430	0.3	78.1		6.33		TAS		11.0	0.77	m_e	mb 5.2
GRA1	66.74		pP	19:35:09.397						T__				m_e	
GTTG	67.11		P	19:34:52.559	-0.6	78.1		6.33		TAS		14.2	0.94	m_e	mb 5.2
IBBN	68.26		P	19:35:00.001	-0.4	78.1		6.33		TAS		13.6	1.10	m_e	mb 5.1
KAST	68.13		P	19:34:58.398	-0.1	78.1		6.33		TAS		8.7	1.11	m_e	mb 4.9
MOX	66.29		P	19:34:47.225	0.6	78.1		6.33		TAS		12.4	0.99	m_e	mb 5.1
NEUB	66.08		P	19:34:45.833	-0.3	78.1		6.33		TAS		23.5	0.90	m_e	mb 5.4
PLN	65.98		P	19:34:45.201	0.1	78.1		6.33		TAS		3.6	0.85	m_e	mb 4.6
RUE	64.62		P	19:34:36.604	-0.0	78.1		6.33		TAS		34.5	0.91	m_e	mb 5.6
STU	68.24		P	19:34:59.641	0.1	78.1		6.33		TAS		77.4	0.97	m_e	mb 5.9
TANN	65.81		P	19:34:44.091	-0.1	78.1		6.33		TAS		10.6	0.79	m_e	mb 5.1
TNS	68.35		P	19:35:00.258	0.2	78.1		6.33		TAS		14.0	0.86	m_e	mb 5.2
WET	65.79		P	19:34:44.245	-0.1	78.1		6.33		TAS		14.2	0.83	m_e	mb 5.2
WLF	69.93		P	19:35:10.554		78.1		6.33		TAS		36.7	0.93	m_e	mb 5.5

Event 10920004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/20	18:08:16.60			-31.8000	179.6500				400.0			26		155.20	162.16	m i ke	EMSC
	10920036																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	158.08		PKPab	18:28:01.086	0.1	30.2		4.37		TAS				a_e	
BFO	162.16		PKPab	18:28:19.036	0.2	30.2		4.37		TAS				a_e	
BRG	158.15		PKPab	18:28:01.336	-0.4	30.2		4.37		TAS				a_e	
BSEG	156.52		PKPab	18:27:54.336	0.1	30.2		4.37		TAS				a_e	
BUG	159.51		PKPab	18:28:06.836	-0.7	30.2		4.37		TAS				a_e	
CLL	158.11		PKPab	18:28:00.986	-0.3	30.2		4.37		TAS				m_e	
FLT1	157.75		PKPab	18:27:59.236	-0.2	30.2		4.37		TAS				a_e	
FUR	161.37		PKPab	18:28:15.886	0.2	30.2		4.37		TAS				a_e	
GEC2	159.90		PKPab	18:28:08.786	-1.0	30.2		4.37		TAS				a_e	

GOR1	157.13	PKPab	18:27:57.286	0.5	30.2	4.37	TAS	a_e
GRA1	160.08	PKPab	18:28:10.436	0.6	30.2	4.37	TAS	a_e
GTTG	158.79	PKPab	18:28:04.386	0.3	30.2	4.37	TAS	a_e
HLG	156.79	PKPab	18:27:55.636	-0.3	30.2	4.37	TAS	a_e
IBBN	158.60	PKPab	18:28:03.286	-0.3	30.2	4.37	TAS	a_e
KAST	159.49	PKPab	18:28:07.036	-0.2	30.2	4.37	TAS	a_e
MOX	159.12	PKPab	18:28:06.187	0.2	30.2	4.37	TAS	m_e
NEUB	158.60	PKPab	18:28:03.336	0.1	30.2	4.37	TAS	a_e
PLN	159.09	PKPab	18:28:05.786	0.3	30.2	4.37	TAS	a_e
RETH	157.85	PKPab	18:27:59.886	-0.2	30.2	4.37	TAS	a_e
RGN	155.20	PKPab	18:27:48.736	0.4	30.2	4.37	TAS	a_e
RUE	156.86	PKPab	18:27:55.836	0.1	30.2	4.37	TAS	a_e
STU	161.51	PKPab	18:28:16.286	0.3	30.2	4.37	TAS	a_e
TANN	159.05	PKPab	18:28:05.536	0.1	30.2	4.37	TAS	a_e
TNS	160.39	PKPab	18:28:11.236	0.1	30.2	4.37	TAS	a_e
WET	159.97	PKPab	18:28:09.636	-0.1	30.2	4.37	TAS	a_e
WLF	161.42	PKPab	18:28:16.036	0.1	30.2	4.37	TAS	a_e

Event 10920005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/20	18:34:55.98			-21.0070	-174.6820				33.0			7		145.88	153.59	m i ke	BGR
10920011																	

Magnitude Err Nsta Author OrigID
Ms 5.8 BGR 10920011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.57		PKPbc	18:54:39.301	0.2	10.4		2.58		TAS					m_e
BFO	152.54		PKPbc	18:54:49.012	-0.5	10.4		2.58		TAS					m_e
BFO	152.54		PP	18:58:34.526		30.6		6.38		TAS					m_e
BIOA	152.46		PKPbc	18:54:48.224	-0.5	10.4		2.58		TAS					m_e
BRG	149.35		PKPdf	18:54:36.903		12.2		1.54		TAS					m_e
BRG	149.35		PKPbc	18:54:41.248	0.2	10.4		2.58		TAS					a_e
BRG	149.35		PP	18:58:09.925		30.6		6.38		TAS					m_e
BSEG	146.82		PKPbc	18:54:34.348	-0.4	10.4		2.58		TAS					m_e
BUG	149.50		PKPbc	18:54:41.370	-0.2	10.4		2.58		TAS					m_e
CLL	149.08		PKPdf	18:54:36.011	-0.1	12.2		1.54		TAS					m_e
CLL	149.08		PKPbc	18:54:40.298	0.0	10.4		2.58		TAS					a_e
DAVA	153.43		PKPbc	18:54:50.729		10.4		2.58		TAS					m_e
FETA	153.59		PKPbc	18:54:50.992		10.4		2.58		TAS					m_e
FLT1	148.31		PKPbc	18:54:38.148	-0.2	10.4		2.58		TAS					a_e
FLT1	148.31		PP	18:58:05.395	0.6	30.6		6.38		TAS					m_e
FUR	152.40		PKPbc	18:54:48.994	-0.6	10.4		2.58		TAS					m_e
FUR	152.40		PP	18:58:28.732		30.6		6.38		TAS					m_e
GEC2	151.34		PKPdf	18:54:39.275		12.2		1.54		TAS					m_e

GEC2	151.34	PKPbc	18:54:45.898	-0.1	10.4	2.58	TAS										a_e
GEC2	151.34	PP	18:58:21.435		30.6	6.38	TAS										m_e
GOR1	147.65	PKPbc	18:54:36.998	0.2	10.4	2.58	TAS										a_e
GRA1	150.91	PKPdf	18:54:39.012		12.2	1.54	TAS										m_e
GRA1	150.91	PKPbc	18:54:45.342	0.5	10.4	2.58	TAS										m_e
GRA1	150.91	L	20:13:56.561				T__	1334.5	18.90								a_e Ms 5.8
GTTG	149.22	PKPbc	18:54:41.020	0.3	10.4	2.58	TAS										m_e
HLG	146.73	PKPbc	18:54:34.198	-0.6	10.4	2.58	TAS										a_e
IBBN	148.61	PKPdf	18:54:35.191	0.1	12.2	1.54	TAS										m_e
IBBN	148.61	PKPbc	18:54:39.234	-0.1	10.4	2.58	TAS										m_e
KAST	149.68	PKPdf	18:54:37.333		12.2	1.54	TAS										m_e
KAST	149.68	PKPbc	18:54:41.898	-0.0	10.4	2.58	TAS										a_e
MOX	149.92	PKPdf	18:54:37.251		12.2	1.54	TAS										m_e
MOX	149.92	PKPbc	18:54:42.449	0.1	10.4	2.58	TAS										m_e
MOX	149.92	L	20:07:31.545				T__	1508.3	19.10								a_e Ms 5.8
NEUB	149.36	PKPdf	18:54:36.586	-0.3	12.2	1.54	TAS										m_e
NEUB	149.36	PKPbc	18:54:41.200	0.2	10.4	2.58	TAS										m_e
PLN	150.00	PKPbc	18:54:42.848	0.3	10.4	2.58	TAS										a_e
RETA	153.13	PKPbc	18:54:49.748		10.4	2.58	TAS										m_e
RETH	148.08	PKPbc	18:54:37.998	0.1	10.4	2.58	TAS										a_e
RGN	145.88	PKPbc	18:54:31.852	-0.5	10.4	2.58	TAS										m_e
RUE	147.83	PKPbc	18:54:37.458	0.2	10.4	2.58	TAS										m_e
STU	152.03	PKPbc	18:54:48.124	0.5	10.4	2.58	TAS										m_e
STU	152.03	PP	18:58:30.452		30.6	6.38	TAS										m_e
TANN	150.03	PKPdf	18:54:37.583		12.2	1.54	TAS										m_e
TANN	150.03	PKPbc	18:54:43.107	0.5	10.4	2.58	TAS										m_e
TNS	150.65	PKPdf	18:54:38.774		12.2	1.54	TAS										m_e
TNS	150.65	PKPbc	18:54:44.354	0.1	10.4	2.58	TAS										m_e
WET	151.20	PKPdf	18:54:39.265		12.2	1.54	TAS										m_e
WET	151.20	PKPbc	18:54:45.742	0.2	10.4	2.58	TAS										m_e
WET	151.20	PP	18:58:16.291		30.6	6.38	TAS										m_e
WLF	151.30	PKPdf	18:54:39.906		12.2	1.54	TAS										m_e
WLF	151.30	PKPbc	18:54:46.635	0.4	10.4	2.58	TAS										m_e
WTTA	153.22	PKPbc	18:54:50.028		10.4	2.58	TAS										m_e

Event 10920006 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/20	20:25:30.75			46.0400	148.5200				33.0			36		72.72	80.12	m i ke	BGR
10920012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	10920012
Ms	6.0		BGR	10920012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ARSA	78.26	S	20:47:21.176		31.1	10.99	TAS				m_e	
ARSA	78.26	P	20:37:29.234	0.4	27.1	5.76	TAS				m_e	
ASSE	75.61	P	20:37:12.765	-0.1	27.1	5.76	TAS	73.5	0.97	a_e	mb	5.8
BFO	79.67	P	20:37:35.465		27.1	5.76	TAS	95.5	0.96	a_e	mb	5.7
BIOA	78.53	S	20:47:25.881		31.1	10.99	TAS				m_e	
BRG	75.69	P	20:37:13.615	-0.1	27.1	5.76	TAS	91.7	1.15	a_e	mb	5.8
BSEG	74.13	P	20:37:04.065	0.0	27.1	5.76	TAS	81.2	0.92	a_e	mb	5.8
BUG	77.20	S	20:47:14.118		31.1	10.99	TAS				m_e	
BUG	77.20	P	20:37:21.215	-0.4	27.1	5.76	TAS	34.6	0.75	a_e	mb	5.6
CLL	75.61	P	20:37:12.765	-0.4	27.1	5.76	TAS	148.4	0.91	m_e	mb	6.1
DAVA	80.12	P	20:37:38.523		27.1	5.76	TAS				m_e	
FETA	80.08	S	20:47:39.997		31.1	10.99	TAS				m_e	
FLT1	75.27	P	20:37:10.365	-0.5	27.1	5.76	TAS	126.6	0.93	a_e	mb	5.9
FUR	78.90	P	20:37:32.015	-0.6	27.1	5.76	TAS	115.6	0.83	a_e	mb	5.9
GEC2	77.52	P	20:37:24.265	-0.1	27.1	5.76	TAS	72.0	1.13	a_e	mb	5.7
GOR1	74.67	P	20:37:07.815	0.4	27.1	5.76	TAS	102.2	1.09	a_e	mb	5.8
GRA1	77.58	S	20:47:15.295		31.1	10.99	TAS				m_e	
GRA1	77.58	P	20:37:24.665	0.2	27.1	5.76	TAS	159.0	0.66	a_e	mb	6.3
GRA1	77.58	L	21:17:21.515				T__	8764.7	19.30	a_e	Ms	6.1
GTTG	76.33	S	20:47:01.179	-0.1	31.1	10.99	TAS				m_e	
GTTG	76.33	P	20:37:17.115	0.1	27.1	5.76	TAS	90.8	0.99	a_e	mb	5.9
HLG	74.58	P	20:37:06.465	0.1	27.1	5.76	TAS	108.8	0.78	a_e	mb	5.9
IBBN	76.29	P	20:37:16.165	-0.2	27.1	5.76	TAS	103.7	0.80	a_e	mb	6.0
KAST	77.09	P	20:37:21.115	-0.1	27.1	5.76	TAS	93.2	0.77	a_e	mb	6.0
KBA	79.17	S	20:47:32.939		31.1	10.99	TAS				m_e	
KBA	79.17	P	20:37:34.321	0.1	27.1	5.76	TAS				m_e	
MOA	78.18	S	20:47:22.353		31.1	10.99	TAS				m_e	
MOA	78.18	P	20:37:28.326	0.0	27.1	5.76	TAS				m_e	
MOX	76.62	S	20:47:03.532	1.2	31.1	10.99	TAS				m_e	
MOX	76.62	P	20:37:18.865	-0.1	27.1	5.76	TAS	82.3	1.02	a_e	mb	5.8
MOX	76.62	L	21:14:40.506				T__	6771.2	19.50	a_e	Ms	6.0
NEUB	76.10	P	20:37:15.565	-0.3	27.1	5.76	TAS	110.7	0.90	a_e	mb	6.0
OBKA	79.24	S	20:47:31.763		31.1	10.99	TAS				m_e	
OBKA	79.24	P	20:37:34.682	-0.9	27.1	5.76	TAS				m_e	
PLN	76.59	P	20:37:18.865	0.1	27.1	5.76	TAS	39.9	1.23	a_e	mb	5.4
RETA	79.66	S	20:47:37.645		31.1	10.99	TAS				m_e	
RETH	75.46	P	20:37:11.765	0.0	27.1	5.76	TAS	84.3	0.97	a_e	mb	5.8
RGN	72.72	P	20:36:56.265	0.1	27.1	5.76	TAS	165.4	0.87	a_e	mb	6.2
RUE	74.36	P	20:37:05.965	0.0	27.1	5.76	TAS	127.8	0.88	a_e	mb	6.0
SQTA	79.75	S	20:47:39.997		31.1	10.99	TAS				m_e	
STU	79.02	S	20:47:27.058		31.1	10.99	TAS				m_e	
STU	79.02	P	20:37:32.015	1.5	27.1	5.76	TAS	190.8	0.79	a_e	mb	6.2
TANN	76.56	P	20:37:18.615	-0.0	27.1	5.76	TAS	45.5	1.13	a_e	mb	5.5
TNS	77.95	P	20:37:26.868	0.6	27.1	5.76	TAS	117.2	0.65	m_e	mb	6.2
WET	77.53	P	20:37:24.715	0.3	27.1	5.76	TAS	123.4	1.04	a_e	mb	6.0
WLF	79.11	S	20:47:36.468		31.1	10.99	TAS				m_e	
WLF	79.11	P	20:37:34.148	0.4	27.1	5.76	TAS	235.7	1.46	m_e	mb	6.0
WTTA	79.58	S	20:47:36.468		31.1	10.99	TAS				m_e	
WTTA	79.58	P	20:37:36.302	-0.6	27.1	5.76	TAS				m_e	

Event 10921003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/21	04:42:47.85			-15.8100	-175.0700				300.0			19		143.91	147.35	m i ke	BGR
OrigID 10921009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBWF	144.78		PKPbc	05:01:48.135		9.6		3.11		TAS					m_e
BFO	147.35		PKPbc	05:01:55.733		9.6		3.11		TAS					m_e
BUG	144.31		PKPbc	05:01:46.608	0.0	9.6		3.11		TAS					m_e
CLL	143.91		PKPbc	05:01:45.463	0.1	9.6		3.11		TAS					m_e
GEC2	146.19		PKPbc	05:01:52.566		9.6		3.11		TAS					m_e
GRA1	145.73		PKPbc	05:01:51.034		9.6		3.11		TAS					m_e
GTTG	144.03		PKPbc	05:01:45.724	0.2	9.6		3.11		TAS					m_e
HKWD	144.48		PKPbc	05:01:47.283		9.6		3.11		TAS					m_e
KAST	144.49		PKPbc	05:01:46.956	-0.3	9.6		3.11		TAS					m_e
MOX	144.74		PKPbc	05:01:47.883		9.6		3.11		TAS					m_e
NEUB	144.19		PKPbc	05:01:46.153	0.3	9.6		3.11		TAS					m_e
NKC	145.04		PKPbc	05:01:49.031		9.6		3.11		TAS					m_e
PLN	144.83		PKPbc	05:01:48.072		9.6		3.11		TAS					m_e
SCHF	144.61		PKPbc	05:01:47.562		9.6		3.11		TAS					m_e
STU	146.85		PKPbc	05:01:54.465		9.6		3.11		TAS					m_e
TANN	144.86		PKPbc	05:01:48.225		9.6		3.11		TAS					m_e
TNS	145.46		PKPbc	05:01:50.393		9.6		3.11		TAS					m_e
WET	146.03		PKPbc	05:01:52.343		9.6		3.11		TAS					m_e
WLF	146.12		PKPbc	05:01:52.670		9.6		3.11		TAS					m_e

Event 10921005 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/21	10:19:51.55			28.2600	143.2100				33.0			15		88.48	93.61	m i ke	BGR
OrigID 10921011																	

Magnitude Err Nsta Author OrigID

mb	5.1		BGR	10921011
Ms	5.4		BGR	10921011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	93.61		P	10:33:04.268		41.0		4.63		TAS		11.9	0.94	m_e mb	5.2
BRG	89.30		P	10:32:45.507	0.5	41.0		4.63		TAS		4.7	0.86	m_e mb	4.7

BSEG	88.48	P	10:32:41.566	-0.5	41.0	4.63	TAS	19.6	0.99	m_e	mb	5.3
CLL	89.38	P	10:32:45.158	0.2	41.0	4.63	TAS	17.8	1.29	m_e	mb	5.1
FLT1	89.34	P	10:32:44.966	-0.2	41.0	4.63	TAS	9.3	0.95	m_e	mb	5.0
FUR	92.48	P	10:33:00.570		41.0	4.63	TAS	22.2	0.63	m_e	mb	5.8
GEC2	90.90	P	10:32:52.620		41.0	4.63	TAS	7.2	1.31	m_e	mb	4.8
GRA1	91.35	P	10:32:55.453		41.0	4.63	TAS	12.9	1.14	m_e	mb	5.2
GRA1	91.35	L	11:19:04.170				T__	1395.9	18.40	a_e	Ms	5.4
IBBN	90.72	P	10:32:52.053		41.0	4.63	TAS	31.6	1.05	m_e	mb	5.6
KAST	91.33	P	10:32:54.601		41.0	4.63	TAS	7.7	0.94	m_e	mb	5.0
MOX	90.46	P	10:32:50.438	-1.0	41.0	4.63	TAS	5.2	1.14	m_e	mb	4.8
MOX	90.46	L	11:18:28.492				T__	1294.4	18.10	a_e	Ms	5.4
NEUB	89.98	P	10:32:48.828		41.0	4.63	TAS	15.8	1.16	m_e	mb	5.1
PLN	90.35	P	10:32:50.421		41.0	4.63	TAS	1.4	0.89	m_e	mb	4.2
RETH	89.77	P	10:32:47.681	-0.4	41.0	4.63	TAS	10.2	0.99	m_e	mb	5.0
STU	92.91	P	10:33:02.497		41.0	4.63	TAS	29.1	0.76	m_e	mb	5.8
TANN	90.28	P	10:32:50.262	0.3	41.0	4.63	TAS	3.9	0.34	m_e	mb	5.1
TNS	92.08	P	10:32:58.475		41.0	4.63	TAS	9.1	1.10	m_e	mb	5.0
WET	91.04	P	10:32:52.955		41.0	4.63	TAS	2.6	0.94	m_e	mb	4.5

Event 10921007 Off coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/21	13:14:56.71			-35.0940	-73.3210				33.0			24		109.80	115.97	m i ke	BGR
10921013																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	10921013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	113.49		SKSac	13:40:09.642		228.8		3.17		TAS				m_e	
ASSE	113.49		Sdiff	13:42:10.188	-0.8	248.8		8.77		TAS				a_e	
ASSE	113.49		PP	13:34:24.889	0.3	242.1		7.13		TAS				a_e	
ASSE	113.49		SP	13:44:09.049	1.3	242.4		10.58		TAS				a_e	
BFO	110.35		SKSac	13:39:58.022	-0.2	228.8		3.17		TAS				m_e	
BFO	110.35		Sdiff	13:41:45.938	-0.1	248.8		8.77		TAS				a_e	
BFO	110.35		Pdiff	13:29:24.555		237.3		4.39		TAS				m_e	
BFO	110.35		PP	13:34:02.039	0.1	242.1		7.13		TAS				a_e	
BFO	110.35		SP	13:43:33.199	-1.2	242.4		10.58		TAS				a_e	
BRG	114.77		Sdiff	13:42:24.288	0.3	248.8		8.77		TAS				a_e	
BRG	114.77		PP	13:34:33.439	-0.0	242.1		7.13		TAS				a_e	
BRG	114.77		SP	13:44:20.949	-0.1	242.4		10.58		TAS				a_e	
BSEG	114.12		Sdiff	13:42:14.138	-1.0	248.8		8.77		TAS				a_e	
BSEG	114.12		PP	13:34:29.439	0.1	242.1		7.13		TAS				a_e	
BSEG	114.12		SP	13:44:14.099	-0.7	242.4		10.58		TAS				a_e	
BUG	111.31		Sdiff	13:41:51.488	-0.1	248.8		8.77		TAS				a_e	
BUG	111.31		PP	13:34:08.939	-0.1	242.1		7.13		TAS				a_e	

BUG	111.31	SP	13:43:44.499	-0.2	242.4	10.58	TAS		a_e
CLL	114.42	Sdiff	13:42:20.888	0.6	248.8	8.77	TAS		a_e
CLL	114.42	Pdiff	13:29:42.354		237.3	4.39	TAS		m_e
CLL	114.42	PP	13:34:30.989	-0.0	242.1	7.13	TAS		a_e
CLL	114.42	SP	13:44:17.499	0.0	242.4	10.58	TAS		a_e
FLT1	113.89	SKSac	13:40:11.430		228.8	3.17	TAS		m_e
FLT1	113.89	Sdiff	13:42:13.988	-0.5	248.8	8.77	TAS		a_e
FLT1	113.89	Pdiff	13:29:41.806		237.3	4.39	TAS		m_e
FLT1	113.89	PP	13:34:27.189	-0.2	242.1	7.13	TAS		a_e
FLT1	113.89	SP	13:44:12.649	0.6	242.4	10.58	TAS		a_e
FUR	111.99	Sdiff	13:41:59.938	-1.5	248.8	8.77	TAS		a_e
FUR	111.99	PP	13:34:13.389	-0.3	242.1	7.13	TAS		a_e
FUR	111.99	SP	13:43:50.349	-1.5	242.4	10.58	TAS		a_e
GEC2	113.73	SKSac	13:40:07.259		228.8	3.17	TAS		m_e
GEC2	113.73	Sdiff	13:42:14.888	-1.9	248.8	8.77	TAS		a_e
GEC2	113.73	PP	13:34:25.639	-0.5	242.1	7.13	TAS		a_e
GEC2	113.73	SP	13:44:10.549	0.2	242.4	10.58	TAS		a_e
GOR1	114.23	PP	13:34:29.339	-0.6	242.1	7.13	TAS		a_e
GOR1	114.23	SP	13:44:15.599	-0.1	242.4	10.58	TAS		a_e
GRA1	112.67	Sdiff	13:42:05.988	-0.0	248.8	8.77	TAS		a_e
GRA1	112.67	PP	13:34:18.539	0.0	242.1	7.13	TAS		m_e
GRA1	112.67	SP	13:44:00.099	1.1	242.4	10.58	TAS		a_e
GRA1	112.67	L	14:19:37.528				T__	7251.4 21.60	a_e Ms 6.2
GTTG	112.83	SKSac	13:40:07.259	-0.7	228.8	3.17	TAS		m_e
GTTG	112.83	Sdiff	13:42:05.688	0.2	248.8	8.77	TAS		a_e
GTTG	112.83	Pdiff	13:29:35.197		237.3	4.39	TAS		m_e
GTTG	112.83	PP	13:34:20.039	0.2	242.1	7.13	TAS		a_e
GTTG	112.83	SP	13:44:02.949	2.2	242.4	10.58	TAS		a_e
HLG	112.96	Sdiff	13:42:02.538	-1.9	248.8	8.77	TAS		a_e
HLG	112.96	PP	13:34:20.689	-0.7	242.1	7.13	TAS		a_e
HLG	112.96	SP	13:44:02.549	-0.3	242.4	10.58	TAS		a_e
IBBN	112.00	Sdiff	13:41:56.688	-0.4	248.8	8.77	TAS		a_e
IBBN	112.00	PP	13:34:14.089	0.1	242.1	7.13	TAS		a_e
IBBN	112.00	SP	13:43:52.749	0.6	242.4	10.58	TAS		a_e
KAST	111.82	SKSac	13:40:04.577	-0.4	228.8	3.17	TAS		m_e
KAST	111.82	Sdiff	13:41:57.138	0.6	248.8	8.77	TAS		a_e
KAST	111.82	PP	13:34:13.189	0.6	242.1	7.13	TAS		a_e
KAST	111.82	SP	13:43:51.149	1.1	242.4	10.58	TAS		a_e
MOX	113.34	SKSac	13:40:08.451	-1.2	228.8	3.17	TAS		m_e
MOX	113.34	Sdiff	13:42:12.938	1.8	248.8	8.77	TAS		a_e
MOX	113.34	PP	13:34:23.089	-0.2	242.1	7.13	TAS		a_e
MOX	113.34	SP	13:44:07.149	1.1	242.4	10.58	TAS		m_e
MOX	113.34	L	14:20:37.509				T__	11976.6 20.30	a_e Ms 6.5
NEUB	113.68	SKSac	13:40:10.238		228.8	3.17	TAS		m_e
NEUB	113.68	Sdiff	13:42:14.888	1.3	248.8	8.77	TAS		a_e
NEUB	113.68	PP	13:34:25.389	-0.4	242.1	7.13	TAS		a_e
NEUB	113.68	SP	13:44:10.299	0.7	242.4	10.58	TAS		a_e
PLN	113.58	SKSac	13:40:10.536		228.8	3.17	TAS		m_e
PLN	113.58	Sdiff	13:42:14.338	0.9	248.8	8.77	TAS		a_e

PLN	113.58	PP	13:34:24.739	-0.2	242.1	7.13	TAS	a_e
PLN	113.58	SP	13:44:08.649	0.1	242.4	10.58	TAS	a_e
RETH	113.06	PP	13:34:21.489	-0.1	242.1	7.13	TAS	a_e
RETH	113.06	SP	13:44:04.449	1.1	242.4	10.58	TAS	a_e
RGN	115.97	Sdiff	13:42:33.088	1.6	248.8	8.77	TAS	a_e
RGN	115.97	PP	13:34:42.739	0.2	242.1	7.13	TAS	a_e
RGN	115.97	SP	13:44:31.399	-3.0	242.4	10.58	TAS	a_e
RUE	115.36	SKSac	13:40:14.112		228.8	3.17	TAS	m_e
RUE	115.36	Sdiff	13:42:26.338	-1.4	248.8	8.77	TAS	a_e
RUE	115.36	PP	13:34:38.739	0.9	242.1	7.13	TAS	a_e
RUE	115.36	SP	13:44:26.199	-1.2	242.4	10.58	TAS	a_e
STU	111.07	Sdiff	13:41:52.138	-0.0	248.8	8.77	TAS	a_e
STU	111.07	PP	13:34:07.139	0.1	242.1	7.13	TAS	a_e
STU	111.07	SP	13:43:40.499	-1.5	242.4	10.58	TAS	a_e
TANN	113.72	SKSac	13:40:11.132		228.8	3.17	TAS	m_e
TANN	113.72	Sdiff	13:42:16.338	1.5	248.8	8.77	TAS	a_e
TANN	113.72	PP	13:34:26.239	0.3	242.1	7.13	TAS	a_e
TANN	113.72	SP	13:44:10.749	0.8	242.4	10.58	TAS	a_e
TNS	111.36	Sdiff	13:41:54.888	1.6	248.8	8.77	TAS	a_e
TNS	111.36	PP	13:34:09.389	0.2	242.1	7.13	TAS	a_e
TNS	111.36	SP	13:43:44.499	-0.5	242.4	10.58	TAS	a_e
WET	113.39	SKSac	13:40:06.067		228.8	3.17	TAS	m_e
WET	113.39	Sdiff	13:42:12.238	-1.0	248.8	8.77	TAS	m_e
WET	113.39	PP	13:34:23.789	0.2	242.1	7.13	TAS	a_e
WET	113.39	SP	13:44:06.949	0.4	242.4	10.58	TAS	a_e
WLF	109.80	Sdiff	13:41:39.638	0.3	248.8	8.77	TAS	a_e
WLF	109.80	PP	13:33:58.189	0.1	242.1	7.13	TAS	a_e
WLF	109.80	SP	13:43:27.349	-1.2	242.4	10.58	TAS	a_e

Event 10921001 Near southeast coast of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/21	23:15:55.99			-37.6430	146.7590				33.0			25		144.35	149.46	m i ke	BGR
10921007																	

Magnitude Err Nsta Author OrigID
Ms 5.7 BGR 10921007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.28		PKPbc	23:35:33.895	0.4	86.3		3.03		TAS				m_e	
BFO	148.19		PKPbc	23:35:37.667	-0.4	86.3		3.03		TAS				m_e	
BRG	144.37		PKPbc	23:35:26.607	0.1	86.3		3.03		TAS				m_e	
BSEG	146.19		PKPbc	23:35:32.599	0.2	86.3		3.03		TAS				m_e	
BUG	148.47		PKPbc	23:35:38.922	-0.1	86.3		3.03		TAS				m_e	
CLL	144.93		PKPbc	23:35:27.972	-0.1	86.3		3.03		TAS				m_e	
FLT1	145.91		PKPbc	23:35:31.071	0.3	86.3		3.03		TAS				m_e	

FUR	146.23	PKPbc	23:35:32.649	1.1	86.3	3.03	TAS	m_e									
GEC2	144.60	PKPbc	23:35:27.570	-0.5	86.3	3.03	TAS	m_e									
GOR1	145.77	PKPbc	23:35:31.529	-0.0	86.3	3.03	TAS	m_e									
GRA1	146.19	PKPbc	23:35:32.538	-0.4	86.3	3.03	TAS	m_e									
GRA1	146.19	L	00:46:25.835				T__	a_e	Ms	1546.9	20.70					5.8	
GTTG	146.80	PKPbc	23:35:34.604	0.3	86.3	3.03	TAS	m_e									
HLG	147.54	PKPbc	23:35:37.665	0.6	86.3	3.03	TAS	m_e									
IBBN	148.02	PKPbc	23:35:37.597	-0.6	86.3	3.03	TAS	m_e									
KAST	147.81	PKPbc	23:35:37.408	-0.2	86.3	3.03	TAS	m_e									
MOX	145.86	PKPbc	23:35:31.256	-0.6	86.3	3.03	TAS	m_e									
MOX	145.86	L	00:46:38.841				T__	a_e	Ms	1298.8	21.20					5.7	
NEUB	145.71	PKPbc	23:35:31.230	0.1	86.3	3.03	TAS	m_e									
PLN	145.53	PKPbc	23:35:30.033	0.4	86.3	3.03	TAS	m_e									
RETH	146.98	PKPbc	23:35:35.346	0.4	86.3	3.03	TAS	m_e									
RUE	144.35	PKPbc	23:35:26.640	-0.3	86.3	3.03	TAS	m_e									
STU	147.58	PKPbc	23:35:37.026	0.2	86.3	3.03	TAS	m_e									
TANN	145.34	PKPbc	23:35:29.512	-0.2	86.3	3.03	TAS	m_e									
TNS	147.92	PKPbc	23:35:37.280	-0.5	86.3	3.03	TAS	m_e									
WET	145.14	PKPbc	23:35:28.930	-0.1	86.3	3.03	TAS	m_e									
WLF	149.46	PKPbc	23:35:42.034		86.3	3.03	TAS	m_e									

Event 10922001 Nicaragua

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/22	09:57:10.49			12.2000	-86.3120				33.0			11		82.39	89.01	m i ke	BGR
10922007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10922007
MBB	6.4		BGR	10922007
Ms	6.5		BGR	10922007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	89.01		P	10:10:00.871		283.6		4.97		TAS		20.1	1.56	m_e	mb 5.1
ASSE	84.70		P	10:09:40.954	-0.2	283.6		4.97		TAS		150.3	1.95	m_e	MBB 6.5
BFO	84.05		SS	10:26:20.483	0.5	287.9		14.91		TAS				a_e	
BFO	84.05		P	10:09:35.812	0.1	283.6		4.97		TAS		36.4	1.50	m_e	MBB 6.5
BIOA	87.66		P	10:09:55.040		283.6		4.97		TAS		55.6	1.62	m_e	mb 5.6
BRG	86.99		SS	10:27:01.533		287.9		14.91		TAS				a_e	
BRG	86.99		P	10:09:51.809	-0.9	283.6		4.97		TAS		28.7	1.36	m_e	MBB 6.4
BSEG	84.09		SS	10:26:15.733	-0.9	287.9		14.91		TAS				a_e	
BSEG	84.09		P	10:09:37.477	-0.1	283.6		4.97		TAS		102.2	1.74	m_e	MBB 6.7
BUG	82.78		SS	10:26:00.983	-0.2	287.9		14.91		TAS				a_e	
BUG	82.78		P	10:09:30.464	-1.2	283.6		4.97		TAS		23.6	1.37	m_e	MBB 6.0
CLL	86.30		SS	10:26:50.483		287.9		14.91		TAS				a_e	
CLL	86.30		P	10:09:48.341	-0.0	283.6		4.97		TAS		48.2	1.48	m_e	MBB 6.4

FETA	85.91	P	10:09:46.812	0.7	283.6	4.97	TAS	59.0	1.82	m_e	mb	5.4
FLT1	84.99	P	10:09:41.346	0.6	283.6	4.97	TAS	49.6	1.40	m_e	MBB	6.5
FUR	86.00	SS	10:26:50.983		287.9	14.91	TAS			m_e		
GEC2	87.39	SS	10:27:10.633		287.9	14.91	TAS			m_e		
GEC2	87.39	P	10:09:53.716		283.6	4.97	TAS	42.2	1.45	m_e	MBB	6.3
GOR1	84.88	P	10:09:41.067	-0.5	283.6	4.97	TAS	44.9	1.25	m_e	MBB	6.6
GRA1	85.60	SS	10:26:43.433		287.9	14.91	TAS			a_e		
GRA1	85.60	P	10:09:45.519	0.9	283.6	4.97	TAS	79.6	1.73	m_e	mb	5.6
GRA1	85.60	L	10:43:45.574				T__	29808.1	21.40	a_e	Ms	6.7
GTTG	84.40	P	10:09:38.795	-0.1	283.6	4.97	TAS	35.7	1.22	m_e	mb	5.5
IBBN	82.91	P	10:09:30.312	-0.3	283.6	4.97	TAS	87.7	1.72	m_e	MBB	6.7
KAST	83.53	P	10:09:34.229	0.4	283.6	4.97	TAS	209.1	2.85	m_e	MBB	6.4
LESA	87.10	P	10:09:52.261		283.6	4.97	TAS	38.9	0.15	m_e	mb	6.3
MOA	88.02	P	10:09:56.080		283.6	4.97	TAS	31.7	1.62	m_e	mb	5.4
MOTA	86.09	P	10:09:47.777	0.6	283.6	4.97	TAS	35.5	1.39	m_e	mb	5.3
MOX	85.62	SS	10:26:42.133		287.9	14.91	TAS			a_e		
MOX	85.62	P	10:09:44.884	0.5	283.6	4.97	TAS	61.6	1.76	m_e	MBB	6.5
MOX	85.62	L	10:45:54.050				T__	12133.6	19.90	a_e	Ms	6.3
NEUB	85.58	P	10:09:45.375	-0.1	283.6	4.97	TAS	60.2	1.44	m_e	MBB	6.4
OBKA	88.58	P	10:09:58.920		283.6	4.97	TAS	23.7	1.50	m_e	mb	5.2
PLN	86.00	P	10:09:47.324	-0.0	283.6	4.97	TAS	33.3	1.61	m_e	MBB	5.9
RETA	85.83	P	10:09:46.858	0.6	283.6	4.97	TAS	72.1	1.55	m_e	mb	5.6
RETH	83.79	P	10:09:36.304	-1.3	283.6	4.97	TAS	65.5	1.52	m_e	MBB	6.6
SQTA	86.19	P	10:09:48.419	0.0	283.6	4.97	TAS	168.2	2.38	m_e	mb	5.8
STU	84.52	SS	10:26:27.433	-0.4	287.9	14.91	TAS			a_e		
STU	84.52	P	10:09:39.354	0.6	283.6	4.97	TAS	56.8	1.04	m_e	MBB	6.8
TANN	86.20	P	10:09:48.177	-0.0	283.6	4.97	TAS	33.1	1.02	m_e	MBB	6.4
TNS	83.74	P	10:09:36.038	0.5	283.6	4.97	TAS	37.5	1.40	m_e	MBB	6.5
WET	86.79	SS	10:27:01.583		287.9	14.91	TAS			a_e		
WET	86.79	P	10:09:51.367	-0.7	283.6	4.97	TAS	80.6	1.44	m_e	MBB	6.3
WLF	82.39	P	10:09:28.737	-0.1	283.6	4.97	TAS	72.6	1.67	m_e	MBB	6.4

Event 10922002 Honduras

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/22	12:57:11.61			14.3550	-86.3200			47.2		0.9		16		80.77	85.76	m i ke	BGR
	10922008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10922008
Ms	5.4		BGR	10922008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	83.01		P	13:09:31.570	-0.3	284.5		5.12		TAS		13.5	0.95	m_e	mb	5.2
BFO	82.46		P	13:09:27.666	0.3	284.5		5.12		TAS		11.7	1.10	m_e	mb	5.0
BFO	82.46		sP	13:09:47.000	0.3	285.0		5.11		TAS				m_e		

BRG	85.32	P	13:09:42.619		284.5	5.12	TAS	11.8	1.08	m_e	mb	4.9
BRG	85.32	sP	13:10:01.467		285.0	5.11	TAS			m_e		
BSEG	82.36	P	13:09:28.016	-0.4	284.5	5.12	TAS	11.2	0.95	m_e	mb	5.1
BUG	81.11	P	13:09:20.944	-0.1	284.5	5.12	TAS	15.8	1.26	m_e	mb	4.9
BUG	81.11	sP	13:09:40.490	0.1	285.0	5.11	TAS			m_e		
CLL	84.63	P	13:09:38.964	-0.1	284.5	5.12	TAS	15.4	0.87	m_e	mb	5.2
CLL	84.63	sP	13:09:58.496		285.0	5.11	TAS			m_e		
FLT1	83.30	P	13:09:32.344	0.2	284.5	5.12	TAS	34.2	1.39	m_e	mb	5.4
FLT1	83.30	sP	13:09:51.608	0.2	285.0	5.11	TAS			m_e		
GEC2	85.76	P	13:09:45.006		284.5	5.12	TAS	22.3	1.40	m_e	mb	5.1
GEC2	85.76	sP	13:10:04.277		285.0	5.11	TAS			m_e		
GRA1	83.97	P	13:09:36.172	0.5	284.5	5.12	TAS	32.4	1.19	m_e	mb	5.4
GRA1	83.97	sP	13:09:55.522		285.0	5.11	TAS			m_e		
GRA1	83.97	L	13:43:42.751				T__	2575.6	21.40	a_e	Ms	5.6
GTTG	82.73	P	13:09:29.995	-0.3	284.5	5.12	TAS	23.1	0.97	m_e	mb	5.4
IBBN	81.23	P	13:09:21.867	-0.0	284.5	5.12	TAS	22.6	0.89	m_e	mb	5.2
IBBN	81.23	sP	13:09:41.299	-0.3	285.0	5.11	TAS			m_e		
KAST	81.87	P	13:09:25.231	-0.1	284.5	5.12	TAS	12.4	1.05	m_e	mb	5.0
KAST	81.87	sP	13:09:44.083	0.1	285.0	5.11	TAS			m_e		
MOX	83.96	P	13:09:35.826	-0.5	284.5	5.12	TAS	23.5	1.31	m_e	mb	5.3
MOX	83.96	sP	13:09:55.276		285.0	5.11	TAS			m_e		
MOX	83.96	L	13:43:12.820				T__	1011.5	20.80	a_e	Ms	5.2
NEUB	83.91	P	13:09:35.800	-0.2	284.5	5.12	TAS	15.1	0.90	m_e	mb	5.2
PLN	84.34	P	13:09:38.164	-0.4	284.5	5.12	TAS	9.5	0.98	m_e	mb	5.0
PLN	84.34	sP	13:09:57.512		285.0	5.11	TAS			m_e		
RETH	82.09	P	13:09:26.848	0.1	284.5	5.12	TAS	34.9	1.27	m_e	mb	5.3
RETH	82.09	sP	13:09:45.665	-0.4	285.0	5.11	TAS			m_e		
RUE	84.76	P	13:09:39.700		284.5	5.12	TAS	21.1	0.88	m_e	mb	5.4
STU	82.91	P	13:09:30.191	0.4	284.5	5.12	TAS	72.5	1.23	m_e	mb	5.8
TANN	84.55	P	13:09:39.463	-0.3	284.5	5.12	TAS	29.1	1.07	m_e	mb	5.4
TANN	84.55	sP	13:09:58.405		285.0	5.11	TAS			m_e		
TNS	82.11	P	13:09:26.340	0.4	284.5	5.12	TAS	14.3	0.94	m_e	mb	5.1
TNS	82.11	sP	13:09:45.727	0.1	285.0	5.11	TAS			m_e		
WET	85.16	P	13:09:42.667		284.5	5.12	TAS	28.3	1.05	m_e	mb	5.4
WET	85.16	sP	13:10:01.491		285.0	5.11	TAS			m_e		
WLF	80.77	P	13:09:19.910	0.4	284.5	5.12	TAS	51.0	1.37	m_e	mb	5.4
WLF	80.77	sP	13:09:38.978	0.1	285.0	5.11	TAS			m_e		

Event 10922003 East of Lake Baykal, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/22	17:01:29.14			56.8800	118.3000				11.5			25		53.29	60.09	m i ke	BGR
10922009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	10922009

Ms 4.9 BGR 10922009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	56.16		P	17:11:08.890	0.0	38.8		7.09		TAS		49.6	1.09	a_e mb	5.5
BFO	60.09		P	17:11:36.140	-0.6	38.8		7.09		TAS		33.4	1.00	a_e mb	5.3
BRG	55.84		P	17:11:06.340	-0.1	38.8		7.09		TAS		32.8	0.88	a_e mb	5.4
BSEG	54.90		P	17:11:00.090	0.4	38.8		7.09		TAS		29.5	1.02	a_e mb	5.3
BUG	58.00		P	17:11:21.790	0.0	38.8		7.09		TAS		16.9	0.92	a_e mb	5.1
CLL	55.88		P	17:11:06.340	-0.5	38.8		7.09		TAS		43.4	0.86	a_e mb	5.5
CLL	55.88		pP	17:11:09.509	0.1					T__				m_e	
FLT1	55.79		P	17:11:05.590	-0.6	38.8		7.09		TAS		35.5	1.16	a_e mb	5.3
FUR	59.04		P	17:11:29.390	0.2	38.8		7.09		TAS		77.0	0.77	a_e mb	5.8
GEC2	57.50		P	17:11:18.390	0.3	38.8		7.09		TAS		37.8	0.86	a_e mb	5.4
GOR1	55.25		P	17:11:02.622	0.3	38.8		7.09		TAS		80.2	1.40	m_e mb	5.6
GRA1	57.85		P	17:11:21.090	0.2	38.8		7.09		TAS		27.8	0.86	a_e mb	5.3
GRA1	57.85		L	17:42:05.940						T__		885.8	21.40	a_e Ms	4.8
GTTG	56.89		P	17:11:14.340	0.3	38.8		7.09		TAS		55.3	0.90	a_e mb	5.6
IBBN	57.13		P	17:11:15.440	-0.1	38.8		7.09		TAS		32.4	0.86	a_e mb	5.4
KAST	57.76		P	17:11:20.240	0.1	38.8		7.09		TAS		23.7	0.85	a_e mb	5.2
MOX	56.95		P	17:11:14.540	0.1	38.8		7.09		TAS		51.7	0.83	m_e mb	5.6
MOX	56.95		L	17:39:20.175						T__		1232.8	18.70	a_e Ms	5.0
NEUB	56.46		P	17:11:10.490	-0.5	38.8		7.09		TAS		41.2	0.83	a_e mb	5.5
PLN	56.86		P	17:11:13.890	0.1	38.8		7.09		TAS		20.1	0.82	a_e mb	5.2
RETH	56.19		P	17:11:09.240	0.3	38.8		7.09		TAS		53.0	1.15	a_e mb	5.5
RGN	53.29		P	17:10:48.390	-0.1	38.8		7.09		TAS		88.4	0.85	a_e mb	5.7
RUE	54.68		P	17:10:58.090	-0.3	38.8		7.09		TAS		67.5	1.08	a_e mb	5.6
STU	59.39		P	17:11:31.440	-0.4	38.8		7.09		TAS		72.6	0.75	m_e mb	5.8
TANN	56.79		P	17:11:13.340	0.1	38.8		7.09		TAS		26.2	0.94	a_e mb	5.2
TNS	58.52		P	17:11:25.590	-0.1	38.8		7.09		TAS		31.9	0.99	a_e mb	5.3
WET	57.61		P	17:11:19.590	0.6	38.8		7.09		TAS		58.6	0.86	a_e mb	5.6
WLF	59.86		P	17:11:35.195	0.2	38.8		7.09		TAS		29.3	0.81	m_e mb	5.4

Event 10922004 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/22	17:32:58.60			-29.9200	-177.2800				10.0			18		155.30	161.04	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	156.97		PKPab	17:53:23.907	0.1	20.5		4.45		TAS				m_e	
BFO	161.04		PKPab	17:53:41.639		20.5		4.45		TAS				m_e	
BRG	157.38		PKPab	17:53:25.767	0.1	20.5		4.45		TAS				m_e	
BSEG	155.30		PKPab	17:53:16.552	-0.0	20.5		4.45		TAS				m_e	
CLL	157.23		PKPab	17:53:24.554	0.5	20.5		4.45		TAS				m_e	

FLT1	156.67	PKPab	17:53:22.335	0.1	20.5	4.45	TAS	m_e
GRA1	159.16	PKPab	17:53:33.365		20.5	4.45	TAS	m_e
GTTG	157.66	PKPab	17:53:27.399	-0.1	20.5	4.45	TAS	m_e
IBBN	157.24	PKPab	17:53:25.318	-0.6	20.5	4.45	TAS	m_e
KAST	158.24	PKPab	17:53:29.674	-0.3	20.5	4.45	TAS	m_e
MOX	158.17	PKPab	17:53:28.439	0.0	20.5	4.45	TAS	m_e
NEUB	157.63	PKPab	17:53:26.705	0.1	20.5	4.45	TAS	m_e
PLN	158.20	PKPab	17:53:29.272	0.3	20.5	4.45	TAS	m_e
RETH	156.60	PKPab	17:53:22.366	-0.3	20.5	4.45	TAS	m_e
TANN	158.19	PKPab	17:53:29.272	0.2	20.5	4.45	TAS	m_e
TNS	159.18	PKPab	17:53:33.860		20.5	4.45	TAS	m_e
WET	159.23	PKPab	17:53:34.198		20.5	4.45	TAS	m_e
WLF	160.02	PKPab	17:53:38.478		20.5	4.45	TAS	m_e

Event 10922006 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/22	19:57:23.70			-27.6300	-178.8000				356.0			4		152.80	158.52	m i ke	EMSC
10922038																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	154.44		PKPab	20:16:58.712	0.3	22.9		4.32		TAS					m_e
BFO	158.52		PKPab	20:17:16.044	-0.0	22.9		4.32		TAS					a_e
BRG	154.79		PKPab	20:17:00.194	-0.3	22.9		4.32		TAS					m_e
BSEG	152.80		PKPab	20:16:51.494	0.1	22.9		4.32		TAS					a_e
BUG	155.70		PKPab	20:17:03.412	-0.7	22.9		4.32		TAS					m_e
CLL	154.66		PKPab	20:16:59.344	-0.3	22.9		4.32		TAS					a_e
FLT1	154.13		PKPab	20:16:56.794	-0.3	22.9		4.32		TAS					a_e
FUR	157.98		PKPab	20:17:14.394	0.3	22.9		4.32		TAS					a_e
GEC2	156.66		PKPab	20:17:08.394	-0.5	22.9		4.32		TAS					a_e
GOR1	153.50		PKPab	20:16:54.961	0.6	22.9		4.32		TAS					m_e
GRA1	156.59		PKPab	20:17:08.444	0.5	22.9		4.32		TAS					a_e
GTTG	155.14		PKPab	20:17:01.644	0.2	22.9		4.32		TAS					a_e
IBBN	154.79		PKPab	20:17:00.044	-0.1	22.9		4.32		TAS					a_e
KAST	155.75		PKPab	20:17:04.107	-0.0	22.9		4.32		TAS					m_e
MOX	155.62		PKPab	20:17:03.594	-0.1	22.9		4.32		TAS					a_e
NEUB	155.07		PKPab	20:17:01.144	-0.1	22.9		4.32		TAS					a_e
PLN	155.63		PKPab	20:17:03.813	0.0	22.9		4.32		TAS					m_e
RETH	154.11		PKPab	20:16:56.994	-0.1	22.9		4.32		TAS					a_e
RUE	153.39		PKPab	20:16:54.295	0.1	22.9		4.32		TAS					m_e
STU	157.93		PKPab	20:17:13.544	0.0	22.9		4.32		TAS					a_e
TANN	155.61		PKPab	20:17:03.894	0.1	22.9		4.32		TAS					a_e
TNS	156.69		PKPab	20:17:08.094	-0.1	22.9		4.32		TAS					a_e
WET	156.64		PKPab	20:17:08.644	0.1	22.9		4.32		TAS					a_e

WLF 157.59 PKPab 20:17:12.444 0.1 22.9 4.32 TAS a_e

Event 10923001 Mongolia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2021/09/23 00:04:04.24 45.8600 97.6270 33.0 23 52.92 56.75 m i ke BGR
10923007

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 10923007

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like BRG, BSEG, CLL, FETA, etc.

Event 10923006 Off coast of central Mexico

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2021/09/23 16:47:54.94 21.8120 -107.5170 33.0 90.12 90.47 m i ke BGR
10923012

Magnitude Err Nsta Author OrigID

mb	5.0	BGR	10923012
Ms	5.9	BGR	10923012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	90.47		P	17:00:52.906		308.0		4.21		TAS		8.7	1.20	m_e	mb 5.0
GRA1	90.47		L	17:39:07.568						T__		3804.0	21.20	a_e	Ms 5.8
MOX	90.12		L	17:41:03.257						T__		5167.4	18.70	a_e	Ms 6.0

Event 10924004 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/24	07:02:34.71			51.5200	178.8920				33.0			24		74.35	80.07	m i ke	BGR
OrigID 10924010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	10924010
Ms	5.0		BGR	10924010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.12		P	07:14:17.857	-0.3	7.8		5.53		TAS				m_e	
BFO	80.07		P	07:14:38.926		7.8		5.53		TAS				m_e	
BRG	77.06		P	07:14:22.953	0.1	7.8		5.53		TAS				m_e	
BSEG	74.35		P	07:14:08.404	0.2	7.8		5.53		TAS		128.4	1.18	m_e	mb 5.8
BUG	77.04		P	07:14:22.840	0.0	7.8		5.53		TAS				m_e	
CLL	76.72		P	07:14:21.184	-0.2	7.8		5.53		TAS				m_e	
FLT1	75.87		P	07:14:16.351	0.3	7.8		5.53		TAS		68.5	1.07	m_e	mb 5.7
FUR	80.00		P	07:14:39.870		7.8		5.53		TAS				m_e	
GEC2	79.08		P	07:14:34.903	-1.1	7.8		5.53		TAS				m_e	
GOR1	75.21		P	07:14:13.224	0.0	7.8		5.53		TAS		161.1	1.28	m_e	mb 5.9
GRA1	78.49		P	07:14:31.592	0.3	7.8		5.53		TAS				m_e	
GRA1	78.49		L	07:51:54.965						T__		865.3	20.50	a_e	Ms 5.1
GTTG	76.75		P	07:14:21.979	-0.3	7.8		5.53		TAS		331.8	1.80	m_e	mb 6.2
IBBN	76.15		P	07:14:18.536	-0.3	7.8		5.53		TAS		180.5	1.13	m_e	mb 6.1
KAST	77.20		P	07:14:24.164	-0.4	7.8		5.53		TAS				m_e	
MOX	77.51		P	07:14:25.998	0.1	7.8		5.53		TAS				m_e	
MOX	77.51		L	07:54:05.746						T__		603.0	21.90	a_e	Ms 4.9
NEUB	76.95		P	07:14:22.575	0.1	7.8		5.53		TAS				m_e	
PLN	77.62		P	07:14:26.549	0.2	7.8		5.53		TAS				m_e	
RETH	75.61		P	07:14:15.490	0.3	7.8		5.53		TAS		89.2	1.21	m_e	mb 5.8
RUE	75.49		P	07:14:14.695	-0.4	7.8		5.53		TAS		54.3	0.89	m_e	mb 5.7
STU	79.56		P	07:14:37.221	0.2	7.8		5.53		TAS				m_e	
TANN	77.66		P	07:14:26.825	0.4	7.8		5.53		TAS				m_e	
TNS	78.17		P	07:14:29.672	0.3	7.8		5.53		TAS				m_e	
WET	78.87		P	07:14:33.565	-0.0	7.8		5.53		TAS				m_e	
WLF	78.87		P	07:14:33.711	0.2	7.8		5.53		TAS				m_e	

Event 10924005 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/24	11:52:36.79			51.9300	178.9580				33.0				24	73.95	79.66	m i ke	BGR
OrigID 10924011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	10924011
Ms	5.8		BGR	10924011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.72		S	12:13:54.390		5.7		12.92		TAS				m_e	
ASSE	75.72		SS	12:19:34.388		7.3		15.26		TAS				m_e	
ASSE	75.72		P	12:04:17.749	-0.3	7.7		5.56		TAS		411.6	1.35	m_e mb	6.4
BFO	79.66		S	12:14:28.986		5.7		12.92		TAS				m_e	
BFO	79.66		SS	12:20:36.219		7.3		15.26		TAS				m_e	
BFO	79.66		P	12:04:39.173		7.7		5.56		TAS		195.4	1.23	m_e mb	5.9
BRG	76.66		S	12:13:55.862		5.7		12.92		TAS				m_e	
BRG	76.66		SS	12:19:52.790		7.3		15.26		TAS				m_e	
BRG	76.66		P	12:04:22.818	0.0	7.7		5.56		TAS		176.2	1.19	m_e mb	6.1
BSEG	73.95		P	12:04:07.968	0.1	7.7		5.56		TAS		502.6	1.32	m_e mb	6.4
BUG	76.63		S	12:14:02.510		5.7		12.92		TAS				m_e	
BUG	76.63		SS	12:19:49.137		7.3		15.26		TAS				m_e	
BUG	76.63		P	12:04:22.604	0.1	7.7		5.56		TAS		106.4	1.20	m_e mb	5.8
CLL	76.32		S	12:14:00.301		5.7		12.92		TAS				m_e	
CLL	76.32		SS	12:19:46.192		7.3		15.26		TAS				m_e	
CLL	76.32		P	12:04:20.676	-0.0	7.7		5.56		TAS		168.1	1.17	m_e mb	6.1
FLT1	75.47		S	12:13:49.996		5.7		12.92		TAS				m_e	
FLT1	75.47		SS	12:19:29.262		7.3		15.26		TAS				m_e	
FLT1	75.47		P	12:04:15.955	0.3	7.7		5.56		TAS		273.6	1.19	m_e mb	6.3
FUR	79.60		S	12:14:48.884		5.7		12.92		TAS				m_e	
FUR	79.60		SS	12:20:31.095		7.3		15.26		TAS				m_e	
FUR	79.60		P	12:04:39.355		7.7		5.56		TAS		307.8	1.22	m_e mb	6.1
GEC2	78.69		S	12:14:33.426		5.7		12.92		TAS				m_e	
GEC2	78.69		P	12:04:34.604	-0.6	7.7		5.56		TAS		138.6	1.15	m_e mb	5.9
GOR1	74.81		P	12:04:13.108	-0.1	7.7		5.56		TAS		615.5	1.37	m_e mb	6.5
GRA1	78.09		S	12:14:25.329		5.7		12.92		TAS				m_e	
GRA1	78.09		SS	12:20:09.748		7.3		15.26		TAS				m_e	
GRA1	78.09		P	12:04:31.457	0.3	7.7		5.56		TAS		472.3	1.23	m_e mb	6.5
GRA1	78.09		L	12:42:05.744						T__		5990.9	20.90	a_e Ms	5.9
GTTG	76.35		S	12:14:01.774		5.7		12.92		TAS				m_e	
GTTG	76.35		SS	12:19:44.720		7.3		15.26		TAS				m_e	
GTTG	76.35		P	12:04:21.604	-0.5	7.7		5.56		TAS		368.7	1.18	m_e mb	6.4
IBBN	75.74		S	12:13:55.149		5.7		12.92		TAS				m_e	
IBBN	75.74		SS	12:19:31.470		7.3		15.26		TAS				m_e	
IBBN	75.74		P	12:04:18.249	-0.1	7.7		5.56		TAS		758.1	1.21	m_e mb	6.7

Station	Magnitude	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
KAST	76.80	S	12:14:01.774		5.7				12.92	TAS								m_e	
KAST	76.80	SS	12:19:49.873		7.3				15.26	TAS								m_e	
KAST	76.80	P	12:04:23.889	-0.2	7.7				5.56	TAS		251.9	1.34					m_e mb	6.2
MOX	77.11	S	12:14:09.112		5.7				12.92	TAS								m_e	
MOX	77.11	SS	12:19:54.999		7.3				15.26	TAS								m_e	
MOX	77.11	P	12:04:25.602	0.1	7.7				5.56	TAS		219.3	1.23					m_e mb	6.2
MOX	77.11	L	12:41:26.454							T__		4179.8	21.40					a_e Ms	5.7
NEUB	76.55	S	12:14:11.343		5.7				12.92	TAS								m_e	
NEUB	76.55	SS	12:19:46.929		7.3				15.26	TAS								m_e	
NEUB	76.55	P	12:04:22.461	0.0	7.7				5.56	TAS		516.2	1.29					m_e mb	6.5
PLN	77.22	S	12:14:12.815		5.7				12.92	TAS								m_e	
PLN	77.22	SS	12:19:55.762		7.3				15.26	TAS								m_e	
PLN	77.22	P	12:04:26.174	-0.0	7.7				5.56	TAS		36.3	1.11					m_e mb	5.4
RETH	75.21	P	12:04:15.027	0.3	7.7				5.56	TAS		345.6	1.30					m_e mb	6.2
RUE	75.09	P	12:04:14.250	-0.5	7.7				5.56	TAS		395.7	1.26					m_e mb	6.3
STU	79.16	S	12:14:41.523		5.7				12.92	TAS								m_e	
STU	79.16	SS	12:20:28.151		7.3				15.26	TAS								m_e	
STU	79.16	P	12:04:36.960	-0.1	7.7				5.56	TAS		516.2	1.22					m_e mb	6.4
TANN	77.26	S	12:14:17.968		5.7				12.92	TAS								m_e	
TANN	77.26	SS	12:19:56.498		7.3				15.26	TAS								m_e	
TANN	77.26	P	12:04:26.531	0.2	7.7				5.56	TAS		179.3	1.27					m_e mb	6.0
TNS	77.77	S	12:14:25.329		5.7				12.92	TAS								m_e	
TNS	77.77	SS	12:20:07.540		7.3				15.26	TAS								m_e	
TNS	77.77	P	12:04:29.229	0.4	7.7				5.56	TAS		232.0	1.19					m_e mb	6.2
WET	78.47	S	12:14:34.898		5.7				12.92	TAS								m_e	
WET	78.47	SS	12:20:14.901		7.3				15.26	TAS								m_e	
WET	78.47	P	12:04:33.461	-0.1	7.7				5.56	TAS		146.1	1.24					m_e mb	5.9
WLF	78.46	S	12:14:31.218		5.7				12.92	TAS								m_e	
WLF	78.46	P	12:04:33.225	0.3	7.7				5.56	TAS		244.5	1.20					m_e mb	6.1

Event 10925001 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/25	04:41:14.97			31.2820	94.3370				33.0			9		60.61	65.73	m i ke	BGR
10925007																	

Magnitude Err Nsta Author
mb 5.0 BGR

OrigID
10925007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	60.61		P	04:51:22.007		73.1		6.69		TAS		8.1	0.93	m_e mb	4.5
FUR	63.03		P	04:51:38.575		73.1		6.69		TAS		35.0	0.88	m_e mb	5.5
GEC2	61.29		P	04:51:26.845		73.1		6.69		TAS		14.1	1.03	m_e mb	4.7
PLN	61.80		P	04:51:30.376		73.1		6.69		TAS		3.7	1.19	m_e mb	4.5
STU	64.15		P	04:51:45.676		73.1		6.69		TAS		42.4	1.23	m_e mb	5.5
TANN	61.64		P	04:51:29.078		73.1		6.69		TAS		8.2	1.11	m_e mb	4.9

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Wed Jan 11 09:16:11 2023

67

TNS	64.15	P	04:51:46.326	73.1	6.69	TAS	9.6	1.11	m_e	mb	4.9
WET	61.72	P	04:51:29.463	73.1	6.69	TAS	9.3	0.98	m_e	mb	5.0
WLF	65.73	P	04:51:56.305	73.1	6.69	TAS	64.2	1.53	m_e	mb	5.6

Event 10926001 Mindoro, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/26	17:11:57.26			13.6250	120.7530				33.0			20		89.30	94.84	m i ke	BGR
OrigID 10926007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10926007
Ms	5.1		BGR	10926007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	94.17		P	17:25:11.891		66.4		4.62		TAS		8.1	0.85	m_e	mb	5.1
BRG	89.80		P	17:24:52.142	-0.0	66.4		4.62		TAS		32.8	0.90	m_e	mb	5.6
BSEG	90.64		P	17:24:56.226	-0.3	66.4		4.62		TAS		26.4	0.81	m_e	mb	5.6
BUG	93.40		P	17:25:08.357	0.0	66.4		4.62		TAS		7.6	0.90	m_e	mb	5.1
CLL	90.19		P	17:24:53.039	0.0	66.4		4.62		TAS		25.5	0.88	m_e	mb	5.5
FLT1	90.80		P	17:24:56.330	-0.9	66.4		4.62		TAS		8.7	0.67	m_e	mb	5.2
GEC2	90.70		P	17:24:56.330		66.4		4.62		TAS		104.8	1.50	m_e	mb	5.9
GOR1	90.49		P	17:24:56.032	0.4	66.4		4.62		TAS			0.88	m_e		
GRA1	91.87		P	17:25:01.889		66.4		4.62		TAS		29.0	1.13	m_e	mb	5.5
GRA1	91.87		L	18:14:36.760						T__		763.9	19.10	a_e	Ms	5.2
IBBN	92.74		P	17:25:05.784	-0.4	66.4		4.62		TAS		14.1	0.63	m_e	mb	5.5
KAST	92.86		P	17:25:05.974	-0.2	66.4		4.62		TAS		12.1	1.12	m_e	mb	5.2
MOX	91.25		P	17:24:58.839	0.8	66.4		4.62		TAS		23.9	1.10	m_e	mb	5.4
MOX	91.25		L	18:10:02.251						T__		667.8	19.40	a_e	Ms	5.1
NEUB	90.94		P	17:24:57.464	0.1	66.4		4.62		TAS		38.0	0.95	m_e	mb	5.7
PLN	91.00		P	17:24:57.464	0.2	66.4		4.62		TAS			1.22	m_e		
RETH	91.67		P	17:25:00.528	0.1	66.4		4.62		TAS			0.84	m_e		
RUE	89.30		P	17:24:50.202	-0.4	66.4		4.62		TAS		82.8	0.78	m_e	mb	6.0
TANN	90.85		P	17:24:57.010	0.3	66.4		4.62		TAS		27.6	1.14	m_e	mb	5.5
TNS	93.27		P	17:25:08.130	0.1	66.4		4.62		TAS		17.7	1.00	m_e	mb	5.5
WET	91.09		P	17:24:58.372		66.4		4.62		TAS		11.6	0.77	m_e	mb	5.3
WLF	94.84		P	17:25:16.186	-0.4	66.4		4.62		TAS		40.7	1.01	m_e	mb	5.8

Event 10927002 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/27	05:40:47.22			38.2090	72.2780				33.0			16		42.36	45.77	m i ke	BGR
OrigID 10927008																	

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 10927008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	44.25		P	05:48:51.749	-0.1	80.9		8.01		TAS				m_e	
BRG	42.36		P	05:48:36.955	0.2	80.9		8.01		TAS		40.4	1.07	m_e mb	5.1
BSEG	44.27		P	05:48:52.067	-0.6	80.9		8.01		TAS		38.2	1.05	m_e mb	5.1
CLL	42.91		P	05:48:40.686	-0.2	80.9		8.01		TAS		20.5	0.95	m_e mb	4.8
FLT1	43.88		P	05:48:48.301	-0.2	80.9		8.01		TAS		56.4	1.09	m_e mb	5.2
FUR	44.48		P	05:48:54.361		80.9		8.01		TAS		67.1	1.01	m_e mb	5.5
GEC2	42.77		P	05:48:40.580		80.9		8.01		TAS		30.2	1.36	m_e mb	4.8
GOR1	43.77		P	05:48:48.185	-0.1	80.9		8.01		TAS		60.6	1.21	m_e mb	5.2
GRA1	44.25		P	05:48:52.894		80.9		8.01		TAS		84.0	1.28	m_e mb	5.3
GTTG	44.76		P	05:48:56.226	-0.1	80.9		8.01		TAS		67.3	1.04	m_e mb	5.5
KAST	45.77		P	05:49:03.497	0.6	80.9		8.01		TAS		18.7	1.37	m_e mb	4.9
MOX	43.86		P	05:48:49.020	0.4	80.9		8.01		TAS		23.9	1.06	m_e mb	4.8
NEUB	43.69		P	05:48:47.394	0.1	80.9		8.01		TAS		26.6	0.84	m_e mb	5.0
PLN	43.54		P	05:48:46.388		80.9		8.01		TAS		9.7	1.27	m_e mb	4.4
TANN	43.35		P	05:48:44.863		80.9		8.01		TAS		23.5	1.13	m_e mb	4.8
WET	43.26		P	05:48:44.451		80.9		8.01		TAS		27.5	1.11	m_e mb	4.9

Event 10927001 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/27	06:17:22.20			35.1100	25.2200				10.0			26		16.14	22.59	m i ke	EMSC
	OrigID																
	10927033																

Magnitude Err Nsta Author OrigID
 mb 5.3 BGR 10927007
 Ms 5.6 BGR 10927007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.93		P	06:21:53.476	-0.7	139.6		10.94		TAS		100.2	0.95	m_e mb	5.0
BFO	18.20		P	06:21:35.986	1.7	139.6		10.94		TAS		166.3	0.89	m_e mb	5.2
BRG	17.74		P	06:21:28.704	-0.6	139.6		10.94		TAS		104.7	0.93	m_e mb	5.0
BSEG	21.52		P	06:22:09.566	-1.0	139.6		10.94		TAS		319.4	1.08	m_e mb	5.7
BUG	20.81		P	06:22:04.124	-0.1	139.6		10.94		TAS		87.9	0.98	m_e mb	5.0
CLL	18.43		P	06:21:36.780	-0.3	139.6		10.94		TAS		114.4	0.79	m_e mb	5.1
FLT1	19.89		P	06:21:52.629	-0.7	139.6		10.94		TAS		126.1	0.98	m_e mb	5.1
FUR	16.65		P	06:21:16.684	-1.9	139.6		10.94		TAS		233.4	0.86	m_e mb	5.3
GEC2	16.14		P	06:21:12.224	-0.8	139.6		10.94		TAS		178.3	0.89	m_e mb	5.2
GOR1	20.41		P	06:22:00.349	1.8	139.6		10.94		TAS		333.4	1.29	m_e mb	5.4
GRA1	17.81		P	06:21:31.950	0.5	139.6		10.94		TAS		688.6	1.10	m_e mb	5.7
GRA1	17.81		L	06:28:55.563						T__		30270.2	20.40	a_e Ms	5.5
GTTG	19.75		P	06:21:52.591	0.0	139.6		10.94		TAS		375.2	1.01	m_e mb	5.6

HLG	22.59	P	06:22:20.600	-2.6	139.6	10.94	TAS	280.9	0.89	m_e	mb	5.8
IBBN	21.22	P	06:22:08.206	-0.6	139.6	10.94	TAS	200.8	1.03	m_e	mb	5.4
KAST	20.14	P	06:21:56.742	-0.2	139.6	10.94	TAS	212.7	1.42	m_e	mb	5.2
MOX	18.40	P	06:21:37.075	-0.5	139.6	10.94	TAS	75.4	0.81	m_e	mb	4.9
MOX	18.40	L	06:29:42.405				T__	31702.6	21.80	a_e	Ms	5.6
NEUB	18.78	P	06:21:41.745	0.2	139.6	10.94	TAS	406.8	0.98	m_e	mb	5.6
PLN	18.06	P	06:21:33.944	0.1	139.6	10.94	TAS	56.6	0.88	m_e	mb	4.7
RETH	20.91	P	06:22:04.601	-0.4	139.6	10.94	TAS	745.6	1.55	m_e	mb	5.8
RGN	21.12	P	06:22:05.220	2.0	139.6	10.94	TAS	328.2	0.86	m_e	mb	5.7
RUE	19.17	P	06:21:46.235	2.6	139.6	10.94	TAS	298.4	1.00	m_e	mb	5.5
STU	18.07	P	06:21:34.127	0.6	139.6	10.94	TAS	395.6	0.77	m_e	mb	5.6
TANN	17.89	P	06:21:31.134	-0.8	139.6	10.94	TAS	150.7	0.93	m_e	mb	5.1
TNS	19.42	P	06:21:49.092	0.2	139.6	10.94	TAS	225.9	0.88	m_e	mb	5.4
WET	16.71	P	06:21:18.632	-0.7	139.6	10.94	TAS	211.2	1.00	m_e	mb	5.2
WLF	20.15	P	06:21:57.526	1.9	139.6	10.94	TAS	358.2	0.86	m_e	mb	5.6

Event 10928001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/28	19:41:00.70			-22.4600	179.6500			548.0				18		147.47	153.19	m i ke	emsc
	10928037																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.11		PKPbc	19:59:47.674	-0.2	21.8		2.29		TAS				m_e	
ASSE	149.11		PKPab	19:59:54.369		20.4		4.05		TAS				m_e	
BFO	153.19		PKPab	20:00:10.953		20.4		4.05		TAS				m_e	
BRG	149.46		PKPbc	19:59:48.305	0.1	21.8		2.29		TAS				m_e	
BSEG	147.47		PKPbc	19:59:43.882	0.3	21.8		2.29		TAS				m_e	
BSEG	147.47		PKPab	19:59:48.400		20.4		4.05		TAS				m_e	
BUG	150.39		PKPbc	19:59:50.409	0.0	21.8		2.29		TAS				m_e	
CLL	149.32		PKPbc	19:59:47.975	0.2	21.8		2.29		TAS				m_e	
CLL	149.32		PKPab	19:59:54.537		20.4		4.05		TAS				m_e	
FLT1	148.80		PKPbc	19:59:46.636	0.0	21.8		2.29		TAS				m_e	
FLT1	148.80		PKPab	19:59:52.360		20.4		4.05		TAS				m_e	
FUR	152.65		PKPab	20:00:08.908		20.4		4.05		TAS				m_e	
GEC2	151.34		PKPbc	19:59:52.731		21.8		2.29		TAS				m_e	
GOR1	148.16		PKPbc	19:59:45.385	-0.2	21.8		2.29		TAS				m_e	
GRA1	151.26		PKPab	20:00:03.393		20.4		4.05		TAS				m_e	
GTTG	149.80		PKPbc	19:59:49.144	-0.0	21.8		2.29		TAS				m_e	
GTTG	149.80		PKPab	19:59:57.637		20.4		4.05		TAS				m_e	
IBBN	149.47		PKPbc	19:59:48.426	0.1	21.8		2.29		TAS				m_e	
IBBN	149.47		PKPab	19:59:55.963		20.4		4.05		TAS				m_e	
KAST	150.43		PKPbc	19:59:50.663	-0.1	21.8		2.29		TAS				m_e	
MOX	150.28		PKPbc	19:59:50.174	0.0	21.8		2.29		TAS				m_e	

MOX	150.28	PKPab	20:00:00.054		20.4	4.05	TAS	m_e
NEUB	149.73	PKPbc	19:59:49.144	0.0	21.8	2.29	TAS	m_e
NEUB	149.73	PKPab	19:59:56.602		20.4	4.05	TAS	m_e
PLN	150.29	PKPbc	19:59:50.291	0.0	21.8	2.29	TAS	m_e
PLN	150.29	PKPab	19:59:59.844		20.4	4.05	TAS	m_e
RETH	148.79	PKPbc	19:59:47.141	-0.1	21.8	2.29	TAS	m_e
RUE	148.06	PKPbc	19:59:44.884	-0.2	21.8	2.29	TAS	m_e
TANN	150.28	PKPbc	19:59:50.206	-0.0	21.8	2.29	TAS	m_e
TANN	150.28	PKPab	19:59:59.808		20.4	4.05	TAS	m_e
TNS	151.36	PKPbc	19:59:52.754		21.8	2.29	TAS	m_e
TNS	151.36	PKPab	20:00:03.224		20.4	4.05	TAS	m_e
WET	151.31	PKPab	20:00:03.637		20.4	4.05	TAS	m_e

Event 10929001 Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/09/29	08:37:09.28		39.4520	135.5990				362.0				26		74.04	80.79	m i ke	BGR
OrigID 10929007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.7		BGR	10929007
MBB	6.9		BGR	10929007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.90		sS	09:00:05.286		39.6		11.47		TAS					m_e
ASSE	76.90		S	08:57:38.211		39.2		10.41		TAS					m_e
ASSE	76.90		P	08:48:20.534	-0.3	40.6		5.42		TAS		859.3	1.67	m_e	MBB 6.9
ASSE	76.90		sP	08:50:18.924		42.7		5.73		TAS					m_e
BFO	80.79		S	08:58:18.544		39.2		10.41		TAS					m_e
BFO	80.79		sS	09:00:46.281		39.6		11.47		TAS					m_e
BFO	80.79		P	08:48:41.775	-0.2	40.6		5.42		TAS		1635.8	1.05	m_e	MBB 7.1
BFO	80.79		sP	08:50:34.793		42.7		5.73		TAS					m_e
BRG	76.48		sS	08:59:56.029		39.6		11.47		TAS					m_e
BRG	76.48		S	08:57:34.905		39.2		10.41		TAS					m_e
BRG	76.48		P	08:48:18.566	-0.1	40.6		5.42		TAS		456.5	0.88	m_e	MBB 6.8
BRG	76.48		sP	08:50:17.601		42.7		5.73		TAS					m_e
BSEG	75.66		S	08:57:25.657		39.2		10.41		TAS					m_e
BSEG	75.66		sS	08:59:50.761		39.6		11.47		TAS					m_e
BSEG	75.66		P	08:48:14.317	0.2	40.6		5.42		TAS		845.2	1.05	m_e	MBB 7.0
BSEG	75.66		sP	08:50:10.981		42.7		5.73		TAS					m_e
BUG	78.77		S	08:57:58.058		39.2		10.41		TAS					m_e
BUG	78.77		sS	09:00:23.161		39.6		11.47		TAS					m_e
BUG	78.77		P	08:48:30.687	-0.3	40.6		5.42		TAS		235.6	1.03	m_e	MBB 6.4
BUG	78.77		sP	08:50:29.495		42.7		5.73		TAS					m_e
CLL	76.56		sS	08:59:57.373		39.6		11.47		TAS					m_e
CLL	76.56		S	08:57:32.269		39.2		10.41		TAS					m_e

CLL	76.56	P	08:48:18.881	-0.2	40.6	5.42	TAS	1303.1	0.90	m_e	MBB	7.2
CLL	76.56	sP	08:50:16.270		42.7	5.73	TAS			m_e		
FLT1	76.52	sS	08:59:56.712		39.6	11.47	TAS			m_e		
FLT1	76.52	S	08:57:32.269		39.2	10.41	TAS			m_e		
FLT1	76.52	P	08:48:18.252	-0.5	40.6	5.42	TAS	609.0	0.94	m_e	MBB	7.0
FLT1	76.52	sP	08:50:15.609		42.7	5.73	TAS			m_e		
FUR	79.66	S	08:58:09.299		39.2	10.41	TAS			m_e		
FUR	79.66	sS	09:00:35.725		39.6	11.47	TAS			m_e		
FUR	79.66	P	08:48:36.117	0.2	40.6	5.42	TAS	1543.9	0.88	m_e	MBB	7.1
FUR	79.66	sP	08:50:34.123		42.7	5.73	TAS			m_e		
GEC2	78.09	S	08:57:50.784		39.2	10.41	TAS			m_e		
GEC2	78.09	sS	09:00:19.194		39.6	11.47	TAS			m_e		
GEC2	78.09	P	08:48:27.224	-0.1	40.6	5.42	TAS	379.8	0.92	m_e	MBB	6.7
GEC2	78.09	sP	08:50:26.189		42.7	5.73	TAS			m_e		
GOR1	75.99	P	08:48:16.205	0.3	40.6	5.42	TAS	1250.0	1.31	m_e	MBB	7.2
GOR1	75.99	sP	08:50:12.311		42.7	5.73	TAS			m_e		
GRA1	78.53	S	08:57:56.074		39.2	10.41	TAS			m_e		
GRA1	78.53	sS	09:00:22.500		39.6	11.47	TAS			m_e		
GRA1	78.53	P	08:48:30.214	0.5	40.6	5.42	TAS	1596.3	0.96	m_e	mb	7.0
GRA1	78.53	sP	08:50:28.833		42.7	5.73	TAS			m_e		
GTTG	77.63	S	08:57:43.500		39.2	10.41	TAS			m_e		
GTTG	77.63	sS	09:00:12.559		39.6	11.47	TAS			m_e		
GTTG	77.63	P	08:48:25.020	0.2	40.6	5.42	TAS	842.6	1.25	m_e	MBB	6.9
GTTG	77.63	sP	08:50:22.882		42.7	5.73	TAS			m_e		
HLG	76.39	sS	08:59:54.067		39.6	11.47	TAS			m_e		
HLG	76.39	S	08:57:32.445		39.2	10.41	TAS			m_e		
HLG	76.39	P	08:48:18.488	0.6	40.6	5.42	TAS	789.9	1.03	m_e	MBB	7.0
HLG	76.39	sP	08:50:13.626		42.7	5.73	TAS			m_e		
IBBN	77.90	S	08:57:47.478		39.2	10.41	TAS			m_e		
IBBN	77.90	sS	09:00:11.920		39.6	11.47	TAS			m_e		
IBBN	77.90	P	08:48:26.201	-0.0	40.6	5.42	TAS	964.7	0.88	m_e	MBB	7.1
IBBN	77.90	sP	08:50:26.850		42.7	5.73	TAS			m_e		
KAST	78.51	S	08:57:54.079		39.2	10.41	TAS			m_e		
KAST	78.51	sS	09:00:21.155		39.6	11.47	TAS			m_e		
KAST	78.51	P	08:48:29.427	-0.1	40.6	5.42	TAS	430.4	1.00	m_e	MBB	6.7
KAST	78.51	sP	08:50:29.495		42.7	5.73	TAS			m_e		
MOX	77.64	S	08:57:47.467		39.2	10.41	TAS			m_e		
MOX	77.64	sS	09:00:14.543		39.6	11.47	TAS			m_e		
MOX	77.64	P	08:48:25.059	0.2	40.6	5.42	TAS	517.6	1.19	m_e	MBB	6.8
MOX	77.64	sP	08:50:22.891		42.7	5.73	TAS			m_e		
NEUB	77.16	S	08:57:40.722		39.2	10.41	TAS			m_e		
NEUB	77.16	sS	09:00:06.630		39.6	11.47	TAS			m_e		
NEUB	77.16	P	08:48:22.108	-0.2	40.6	5.42	TAS	990.8	0.89	m_e	MBB	7.1
NEUB	77.16	sP	08:50:15.609		42.7	5.73	TAS			m_e		
PLN	77.53	S	08:57:44.161		39.2	10.41	TAS			m_e		
PLN	77.53	sS	09:00:11.237		39.6	11.47	TAS			m_e		
PLN	77.53	P	08:48:24.390	0.1	40.6	5.42	TAS	95.3	0.95	m_e	MBB	6.4
PLN	77.53	sP	08:50:16.270		42.7	5.73	TAS			m_e		
RETH	76.95	P	08:48:21.085	0.0	40.6	5.42	TAS	585.8	1.11	m_e	MBB	7.0

RETH	76.95	sP	08:50:18.915		42.7	5.73	TAS				m_e	
RGN	74.04	S	08:57:08.465		39.2	10.41	TAS				m_e	
RGN	74.04	sS	08:59:32.246		39.6	11.47	TAS				m_e	
RGN	74.04	P	08:48:05.030	-0.3	40.6	5.42	TAS				m_e	
RGN	74.04	sP	08:50:03.046		42.7	5.73	TAS				m_e	
RUE	75.37	S	08:57:21.028		39.2	10.41	TAS				m_e	
RUE	75.37	sS	08:59:46.793		39.6	11.47	TAS				m_e	
RUE	75.37	P	08:48:12.585	-0.0	40.6	5.42	TAS	1259.1	1.26	m_e	MBB	7.0
RUE	75.37	sP	08:50:04.369		42.7	5.73	TAS				m_e	
STU	80.08	S	08:58:09.299		39.2	10.41	TAS				m_e	
STU	80.08	sS	09:00:39.692		39.6	11.47	TAS				m_e	
STU	80.08	P	08:48:38.085	-0.1	40.6	5.42	TAS	2461.9	0.93	m_e	MBB	7.3
STU	80.08	sP	08:50:36.107		42.7	5.73	TAS				m_e	
TANN	77.46	S	08:57:43.882		39.2	10.41	TAS				m_e	
TANN	77.46	sS	09:00:08.614		39.6	11.47	TAS				m_e	
TANN	77.46	P	08:48:23.918	0.0	40.6	5.42	TAS	208.7	0.96	m_e	MBB	6.8
TANN	77.46	sP	08:50:18.915		42.7	5.73	TAS				m_e	
TNS	79.26	S	08:58:02.025		39.2	10.41	TAS				m_e	
TNS	79.26	sS	09:00:35.063		39.6	11.47	TAS				m_e	
TNS	79.26	P	08:48:33.599	-0.1	40.6	5.42	TAS	528.5	1.00	m_e	MBB	6.8
TNS	79.26	sP	08:50:31.478		42.7	5.73	TAS				m_e	
WET	78.23	S	08:57:54.079		39.2	10.41	TAS				m_e	
WET	78.23	sS	09:00:18.510		39.6	11.47	TAS				m_e	
WET	78.23	P	08:48:28.247	0.2	40.6	5.42	TAS	530.3	1.00	m_e	MBB	6.9
WET	78.23	sP	08:50:27.511		42.7	5.73	TAS				m_e	
WLF	80.61	S	08:58:15.911		39.2	10.41	TAS				m_e	
WLF	80.61	sS	09:00:46.966		39.6	11.47	TAS				m_e	
WLF	80.61	P	08:48:40.839	-0.1	40.6	5.42	TAS	500.1	1.06	m_e	MBB	6.8
WLF	80.61	sP	08:50:39.413		42.7	5.73	TAS				m_e	