

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

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

January 2022 UPDATED 04.February 2022

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

Event 20101002 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/01	13:14:52.46			35.3520	72.9060				33.0				17	44.52	49.62	m i ke	BGR
OrigID 20101008																	

Magnitude	Err	Nsta	Author
mb	5.8		BGR

OrigID
20101008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.89		P	13:23:33.933		83.7		7.86		TAS		92.2	1.03	m_e mb	5.8
BFO	48.43		P	13:23:29.756		83.7		7.86		TAS				m_e	
BRG	44.52		P	13:22:59.555	0.3	83.7		7.86		TAS		84.3	0.67	m_e mb	5.8
CLL	45.09		P	13:23:03.501	-0.1	83.7		7.86		TAS		53.4	0.87	m_e mb	5.5
FLT1	46.12		P	13:23:11.718	-0.6	83.7		7.86		TAS		194.6	0.58	m_e mb	6.3
FUR	46.51		P	13:23:15.391		83.7		7.86		TAS		60.2	0.65	m_e mb	5.9
GEC2	44.83		P	13:23:01.835		83.7		7.86		TAS		111.0	1.76	m_e mb	5.5
GRA1	46.36		P	13:23:14.904		83.7		7.86		TAS		52.0	0.75	m_e mb	5.6
GTTG	46.96		P	13:23:19.162	0.9	83.7		7.86		TAS		141.7	0.69	m_e mb	6.2
MOX	46.01		P	13:23:11.138	0.3	83.7		7.86		TAS		47.4	0.60	m_e mb	5.7
NEUB	45.87		P	13:23:09.785	-0.5	83.7		7.86		TAS		112.4	0.72	m_e mb	6.0
STU	47.80		P	13:23:24.955		83.7		7.86		TAS		182.0	0.77	m_e mb	6.3
TANN	45.49		P	13:23:06.551		83.7		7.86		TAS		49.9	1.05	m_e mb	5.5
TNS	48.07		P	13:23:27.397		83.7		7.86		TAS		54.2	1.09	m_e mb	5.6
UBR	47.36		P	13:23:21.934		83.7		7.86		TAS		102.0	0.60	m_e mb	6.1
WET	45.34		P	13:23:05.821		83.7		7.86		TAS		38.7	1.45	m_e mb	5.1
WLF	49.62		P	13:23:39.438		83.7		7.86		TAS		119.7	0.82	m_e mb	5.9

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Event 20102001 Yunnan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/02	07:02:14.69			26.5140	99.0710				33.0			11		66.91	72.03	m i ke	BGR
20102007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20102007
Ms	4.8		BGR	20102007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	71.13		P	07:13:29.379		73.6		6.23		TAS		40.2	1.19	m_e	mb 5.4
BRG	66.91		P	07:13:03.502		73.6		6.23		TAS		20.5	0.99	m_e	mb 5.3
BSEG	68.27		P	07:13:11.839	0.2	73.6		6.23		TAS		59.5	1.10	m_e	mb 5.7
CLL	67.37		P	07:13:05.934	0.3	73.6		6.23		TAS		29.2	1.06	m_e	mb 5.4
FUR	69.31		P	07:13:18.785		73.6		6.23		TAS		69.4	1.08	m_e	mb 5.8
GEC2	67.57		P	07:13:07.497		73.6		6.23		TAS		21.4	1.08	m_e	mb 5.3
GRA1	68.90		P	07:13:15.833		73.6		6.23		TAS		55.2	1.21	m_e	mb 5.7
GRA1	68.90		L	07:47:15.628						T__		644.3	19.90	a_e	Ms 4.9
MOX	68.39		P	07:13:12.707		73.6		6.23		TAS		25.8	1.18	m_e	mb 5.3
MOX	68.39		L	07:44:00.810						T__		575.5	21.20	a_e	Ms 4.8
TANN	67.93		P	07:13:10.102		73.6		6.23		TAS		25.4	1.11	m_e	mb 5.4
WET	68.01		P	07:13:10.797		73.6		6.23		TAS		29.8	1.17	m_e	mb 5.4
WLF	72.03		P	07:13:35.631		73.6		6.23		TAS		152.2	1.18	m_e	mb 6.0

Event 20103002 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/03	09:46:35.49			23.0100	121.9320				33.0			14		83.03	87.93	m i ke	BGR
20103008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	20103008
Ms	6.8		BGR	20103008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.47		P	09:59:18.430		59.8		5.01		TAS		87.4	1.49	m_e	mb 5.9
BRG	83.03		P	09:58:56.520	0.6	59.8		5.01		TAS		40.1	1.14	m_e	mb 5.5
BSEG	83.47		P	09:58:59.473	0.5	59.8		5.01		TAS		187.9	1.64	m_e	mb 6.1
BUG	86.36		P	09:59:13.114	0.3	59.8		5.01		TAS		49.4	1.35	m_e	mb 5.5
CLL	83.35		P	09:58:58.023	0.0	59.8		5.01		TAS		45.6	1.05	m_e	mb 5.6
FUR	85.87		P	09:59:11.717		59.8		5.01		TAS		138.2	0.93	m_e	mb 6.1
GEC2	84.14		P	09:59:02.417		59.8		5.01		TAS		52.8	0.97	m_e	mb 5.7
GRA1	85.14		L	10:41:14.706						T__		34780.7	19.60	a_e	Ms 6.8
GTTG	84.88		P	09:59:06.362	0.3	59.8		5.01		TAS		144.1	1.70	m_e	mb 5.9
IBBN	85.63		P	09:59:09.892	-0.4	59.8		5.01		TAS		255.7	1.64	m_e	mb 6.1

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MOX	84.44	L	10:40:40.103						T__	42813.1	18.10	a_e	Ms	6.9
STU	86.75	P	09:59:15.638	59.8	5.01				TAS	198.8	1.35	m_e	mb	6.1
TANN	84.08	P	09:59:02.051	59.8	5.01				TAS	70.4	1.45	m_e	mb	5.7
UBR	86.80	P	09:59:15.745	59.8	5.01				TAS	69.0	1.14	m_e	mb	5.7
WET	84.47	P	09:59:04.307	59.8	5.01				TAS	83.9	1.38	m_e	mb	5.8
WLF	87.93	P	09:59:21.760	59.8	5.01				TAS	106.3	1.10	m_e	mb	6.1

Event 20103003 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/03	21:08:55.57			28.6600	140.8700				33.0			15		86.86	92.27	m i ke	BGR
OrigID 20103009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20103009
Ms	5.4		BGR	20103009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	92.27		P	21:22:02.798		42.4		4.70		TAS		154.2	1.91	m_e	mb	6.0
BRG	87.93		P	21:21:42.799		42.4		4.70		TAS		19.7	0.92	m_e	mb	5.4
BUG	90.32		P	21:21:53.626	-0.3	42.4		4.70		TAS		13.0	1.19	m_e	mb	5.0
CLL	88.03		P	21:21:42.935	-0.0	42.4		4.70		TAS		19.8	0.98	m_e	mb	5.4
FUR	91.09		P	21:21:57.847		42.4		4.70		TAS		47.8	0.87	m_e	mb	5.8
GEC2	89.49		P	21:21:49.812		42.4		4.70		TAS		14.0	0.78	m_e	mb	5.3
GRA1	89.99		P	21:21:52.824		42.4		4.70		TAS		171.4	1.71	m_e	mb	6.0
GRA1	89.99		L	22:07:16.631						T__		1129.0	18.90	a_e	Ms	5.3
IBBN	89.46		P	21:21:49.993	0.1	42.4		4.70		TAS		66.4	1.03	m_e	mb	5.8
MOX	89.12		P	21:21:48.486		42.4		4.70		TAS		65.9	1.66	m_e	mb	5.6
MOX	89.12		L	22:07:33.332						T__		1403.5	19.40	a_e	Ms	5.4
NEUB	88.65		P	21:21:46.048	0.2	42.4		4.70		TAS		99.9	1.63	m_e	mb	5.8
RUE	86.86		P	21:21:38.016	0.0	42.4		4.70		TAS		26.2	0.87	m_e	mb	5.4
STU	91.56		P	21:21:59.816		42.4		4.70		TAS		89.4	1.05	m_e	mb	6.0
TNS	90.77		P	21:21:56.149		42.4		4.70		TAS		58.9	1.52	m_e	mb	5.7
WET	89.65		P	21:21:51.067		42.4		4.70		TAS		33.2	1.51	m_e	mb	5.3
WLF	92.15		P	21:22:03.072		42.4		4.70		TAS		81.4	1.29	m_e	mb	5.9

Event 20104002 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/04	03:18:37.70			35.2800	-35.3600				10.0			16		33.35	38.46	m i ke	EMSC
OrigID 20104034																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.4	BGR	20104008
Ms	5.2	BGR	20104008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	34.09		P	03:25:25.727		264.8		8.57		TAS		207.7	2.05	m_e	mb 5.7
BRG	38.46		P	03:26:02.222	-0.6	264.8		8.57		TAS		71.2	1.89	m_e	mb 5.1
BUG	34.38		P	03:25:27.487	0.3	264.8		8.57		TAS		17.7	1.31	m_e	mb 4.8
CLL	37.91		P	03:25:57.495	-0.4	264.8		8.57		TAS		58.1	1.62	m_e	mb 5.1
GEC2	38.19		P	03:25:59.620		264.8		8.57		TAS		278.1	2.44	m_e	mb 5.6
GOR1	37.09		P	03:25:50.952	-0.3	264.8		8.57		TAS		116.2	1.36	m_e	mb 5.4
GRA1	36.62		P	03:25:46.814		264.8		8.57		TAS		339.0	2.30	m_e	mb 5.7
GRA1	36.62		L	03:37:31.340						T__		2937.1	19.90	a_e	Ms 5.1
GTTG	36.05		P	03:25:42.199	0.3	264.8		8.57		TAS		53.2	1.50	m_e	mb 5.1
KAST	35.04		P	03:25:33.383	0.5	264.8		8.57		TAS		46.2	1.54	m_e	mb 5.2
MOX	36.97		P	03:25:49.825		264.8		8.57		TAS		206.3	2.60	m_e	mb 5.4
MOX	36.97		L	03:37:56.757						T__		4690.5	20.50	a_e	Ms 5.3
NEUB	37.12		P	03:25:50.595	0.5	264.8		8.57		TAS		125.6	1.91	m_e	mb 5.3
RETH	35.89		P	03:25:41.076	-0.4	264.8		8.57		TAS		73.6	1.52	m_e	mb 5.3
TANN	37.48		P	03:25:54.270		264.8		8.57		TAS		180.1	2.42	m_e	mb 5.4
TNS	34.91		P	03:25:32.263		264.8		8.57		TAS		370.2	2.72	m_e	mb 5.8
UBR	35.74		P	03:25:36.645		264.8		8.57		TAS		64.4	1.67	m_e	mb 5.2
WLF	33.35		P	03:25:18.116		264.8		8.57		TAS		72.5	1.15	m_e	mb 5.5

Event 20104005 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/04	18:31:45.69			-19.6700	171.2040				33.0			21		142.72	148.17	m i ke	BGR
OrigID 20104011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.65		PKPbc	18:51:23.346	0.1	35.2		3.12		TAS				m_e	
ASSE	144.15		PKPbc	18:51:15.757	0.5	35.2		3.12		TAS				m_e	
BFO	148.17		PKPbc	18:51:27.405		35.2		3.12		TAS				m_e	
BRG	144.00		PKPbc	18:51:14.570	-0.2	35.2		3.12		TAS				m_e	
BSEG	142.72		PKPbc	18:51:10.832	-0.4	35.2		3.12		TAS				m_e	
BUG	145.80		PKPbc	18:51:20.746	0.1	35.2		3.12		TAS				m_e	
CLL	144.01		PKPbc	18:51:14.895	0.3	35.2		3.12		TAS				m_e	
GEC2	145.69		PKPbc	18:51:20.096	-0.6	35.2		3.12		TAS				m_e	
GOR1	143.22		PKPbc	18:51:12.457	-0.1	35.2		3.12		TAS				m_e	
GRA1	145.99		PKPbc	18:51:21.551	-0.2	35.2		3.12		TAS				m_e	
GTTG	144.88		PKPbc	18:51:18.308	-0.1	35.2		3.12		TAS				m_e	
IBBN	144.89		PKPbc	18:51:18.146	-0.0	35.2		3.12		TAS				m_e	
KAST	145.67		PKPbc	18:51:20.421	-0.4	35.2		3.12		TAS				m_e	
MOX	145.06		PKPbc	18:51:18.471	0.3	35.2		3.12		TAS				m_e	

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NEUB	144.56	PKPbc	18:51:17.008	0.2	35.2	3.12	TAS	m_e
RETH	144.04	PKPbc	18:51:15.220	-0.1	35.2	3.12	TAS	m_e
STU	147.49	PKPbc	18:51:25.947		35.2	3.12	TAS	m_e
TANN	144.94	PKPbc	18:51:18.146	0.2	35.2	3.12	TAS	m_e
TNS	146.51	PKPbc	18:51:23.021	0.4	35.2	3.12	TAS	m_e
WET	145.79	PKPbc	18:51:20.258	0.1	35.2	3.12	TAS	m_e
WLF	147.71	PKPbc	18:51:27.063	-0.3	35.2	3.12	TAS	m_e

Event 20104004 Banda Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/04	20:55:47.00			-4.7800	125.0000				549.0			17		106.92	112.05	m i ke	EMSC
	20104036																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	111.19		PKPdf	21:13:18.571		74.6		1.91		TAS				m_e	
BFO	111.12		PKPdf	21:13:17.863		74.6		1.91		TAS				m_e	
BRG	106.92		PKPdf	21:13:10.523	-0.6	74.6		1.91		TAS				m_e	
BUG	110.78		PKPdf	21:13:17.863	0.0	74.6		1.91		TAS				m_e	
CLL	107.39		PKPdf	21:13:11.231	0.3	74.6		1.91		TAS				m_e	
FLT1	108.17		PKPdf	21:13:12.557	-0.0	74.6		1.91		TAS				m_e	
FUR	109.28		PKPdf	21:13:14.945		74.6		1.91		TAS				m_e	
GEC2	107.55		PKPdf	21:13:11.673		74.6		1.91		TAS				m_e	
GRA1	108.91		PKPdf	21:13:14.237		74.6		1.91		TAS				m_e	
GTTG	109.15		PKPdf	21:13:15.033	0.5	74.6		1.91		TAS				m_e	
KAST	110.18		PKPdf	21:13:16.360	0.1	74.6		1.91		TAS				m_e	
NEUB	108.16		PKPdf	21:13:12.646	-0.2	74.6		1.91		TAS				m_e	
STU	110.44		PKPdf	21:13:16.890		74.6		1.91		TAS				m_e	
TANN	107.95		PKPdf	21:13:12.380		74.6		1.91		TAS				m_e	
TNS	110.47		PKPdf	21:13:17.421		74.6		1.91		TAS				m_e	
WET	108.00		PKPdf	21:13:12.734		74.6		1.91		TAS				m_e	
WLF	112.05		PKPdf	21:13:20.693		74.6		1.91		TAS				m_e	

Event 20105002 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/05	03:21:17.50			36.0700	31.2600				66.0			20		18.13	23.23	m i ke	EMSC
	20105034																

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 20105008

Ms 3.8 BGR 20105008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	22.63		P	03:26:11.232	-0.3	125.5		10.29		TAS		99.0	0.94	m_e	mb 5.3
ASSE	21.69		P	03:26:01.401	0.1	125.5		10.29		TAS		58.0	1.18	m_e	mb 4.9
BRG	19.33		P	03:25:37.255	-0.2	125.5		10.29		TAS		57.2	0.95	m_e	mb 4.8
BSEG	23.04		P	03:26:14.305	-0.2	125.5		10.29		TAS		39.8	0.78	m_e	mb 5.0
BUG	23.00		P	03:26:15.048	-0.3	125.5		10.29		TAS		18.6	1.03	m_e	mb 4.6
CLL	20.06		P	03:25:44.687	0.1	125.5		10.29		TAS		44.5	0.90	m_e	mb 4.7
FLT1	21.56		P	03:25:58.943	-0.3	125.5		10.29		TAS		25.4	0.70	m_e	mb 4.8
GEC2	18.13		P	03:25:24.349		125.5		10.29		TAS		55.1	0.95	m_e	mb 4.7
GRA1	19.93		P	03:25:43.089	1.0	125.5		10.29		TAS		92.5	0.80	m_e	mb 5.1
GRA1	19.93		L	03:33:36.537						T__		501.1	20.70	a_e	Ms 3.8
GTTG	21.68		P	03:26:01.978	-0.0	125.5		10.29		TAS		103.5	0.88	m_e	mb 5.3
IBBN	23.23		P	03:26:17.450	-1.1	125.5		10.29		TAS		109.5	0.96	m_e	mb 5.4
KAST	22.27		P	03:26:07.729	0.1	125.5		10.29		TAS		67.6	0.91	m_e	mb 5.1
MOX	20.30		P	03:25:48.092	-0.3	125.5		10.29		TAS		139.4	0.79	m_e	mb 5.2
MOX	20.30		L	03:36:08.560						T__		417.5	20.40	a_e	Ms 3.8
NEUB	20.57		P	03:25:50.463	0.4	125.5		10.29		TAS		68.8	0.95	m_e	mb 5.0
RETH	22.70		P	03:26:13.784	1.1	125.5		10.29		TAS		31.6	0.95	m_e	mb 4.8
RUE	20.53		P	03:25:49.415	-0.4	125.5		10.29		TAS		135.4	0.90	m_e	mb 5.3
STU	20.55		P	03:25:50.231		125.5		10.29		TAS		337.1	0.83	m_e	mb 5.7
TANN	19.74		P	03:25:41.527	-0.8	125.5		10.29		TAS		73.4	0.88	m_e	mb 4.9
TNS	21.72		P	03:26:01.835	-1.0	125.5		10.29		TAS		76.3	0.67	m_e	mb 5.3
UBR	19.49		P	03:25:38.798		125.5		10.29		TAS		111.6	0.58	m_e	mb 5.3

Event 20105003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/05	11:46:22.71			-20.0780	170.2250				33.0			17		144.02	148.20	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
BFO	148.20		PKPbc	12:06:04.354	0.3	37.0		3.12		TAS				m_e	
BUG	145.89		PKPbc	12:05:58.100	-0.0	37.0		3.12		TAS				m_e	
CLL	144.02		PKPbc	12:05:50.997	-0.8	37.0		3.12		TAS				m_e	
CLZ	144.54		PKPbc	12:05:53.900	0.3	37.0		3.12		TAS				m_e	
FUR	147.18		PKPbc	12:06:02.048	-0.4	37.0		3.12		TAS				m_e	
GEC2	145.63		PKPbc	12:05:56.927	-0.6	37.0		3.12		TAS				m_e	
GRA1	145.99		PKPbc	12:05:58.566	0.5	37.0		3.12		TAS				m_e	
GTTG	144.93		PKPbc	12:05:54.893	0.1	37.0		3.12		TAS				m_e	
IBBN	144.99		PKPbc	12:05:55.167	-0.2	37.0		3.12		TAS				m_e	
KAST	145.74		PKPbc	12:05:57.564	0.1	37.0		3.12		TAS				m_e	
MOX	145.07		PKPbc	12:05:55.115	-0.1	37.0		3.12		TAS				m_e	

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NEUB	144.57	PKPbc	12:05:53.707	0.1	37.0	3.12	TAS	m_e
TANN	144.93	PKPbc	12:05:54.670	0.2	37.0	3.12	TAS	m_e
TNS	146.56	PKPbc	12:06:00.124	0.2	37.0	3.12	TAS	m_e
UBR	148.04	PKPbc	12:06:04.020		37.0	3.12	TAS	m_e
WET	145.75	PKPbc	12:05:57.768	-0.1	37.0	3.12	TAS	m_e
WLF	147.79	PKPbc	12:06:04.242	0.6	37.0	3.12	TAS	m_e

Event 20105004 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/05	16:42:37.44			-20.0090	170.3880				33.0			12		144.92	148.19	m i ke	BGR
OrigID 20105010																	

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
BFO	148.19		PKPbc	17:02:19.546		36.7		3.10		TAS				m_e	
GEC2	145.64		PKPbc	17:02:11.682		36.7		3.10		TAS				m_e	
GRA1	145.99		PKPbc	17:02:13.297		36.7		3.10		TAS				m_e	
GTTG	144.92		PKPbc	17:02:09.927	0.3	36.7		3.10		TAS				m_e	
IBBN	144.97		PKPbc	17:02:09.646	-0.5	36.7		3.10		TAS				m_e	
KAST	145.73		PKPbc	17:02:12.103	-0.0	36.7		3.10		TAS				m_e	
MOX	145.07		PKPbc	17:02:09.997	0.5	36.7		3.10		TAS				m_e	
STU	147.51		PKPbc	17:02:17.580		36.7		3.10		TAS				m_e	
TANN	144.93		PKPbc	17:02:09.505	0.0	36.7		3.10		TAS				m_e	
TNS	146.55		PKPbc	17:02:14.912	-0.1	36.7		3.10		TAS				m_e	
UBR	148.05		PKPbc	17:02:18.914		36.7		3.10		TAS				m_e	
WLF	147.78		PKPbc	17:02:18.984	-0.3	36.7		3.10		TAS				m_e	

Event 20106001 Nicaragua

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/06	16:25:13.79			12.9400	-85.9400				33.0			9		81.59	86.59	m i ke	BGR
OrigID 20106007																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.7		BGR	20106007
Ms	6.3		BGR	20106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.90		P	16:37:40.302	-0.3	283.8		5.03		TAS		142.2	2.07	m_e mb	5.8
CLL	85.50		P	16:37:47.963		283.8		5.03		TAS		128.6	2.12	m_e mb	5.7
GEC2	86.59		P	16:37:53.204		283.8		5.03		TAS		73.7	1.98	m_e mb	5.5

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GOR1	84.07	P	16:37:40.406	-0.1	283.8	5.03	TAS	66.2	1.48	m_e	mb	5.7
GRA1	84.81	P	16:37:44.827		283.8	5.03	TAS	146.2	1.99	m_e	mb	5.9
GRA1	84.81	L	17:12:46.655				T__	20867.3	20.50	a_e	Ms	6.5
MOX	84.82	L	17:12:09.868				T__	8747.6	20.90	a_e	Ms	6.1
RETH	82.98	P	16:37:35.451	0.1	283.8	5.03	TAS	100.2	1.89	m_e	mb	5.7
TANN	85.40	P	16:37:47.634		283.8	5.03	TAS	159.1	2.20	m_e	mb	5.9
WET	85.99	P	16:37:50.623		283.8	5.03	TAS	106.0	1.92	m_e	mb	5.6
WLF	81.59	P	16:37:28.161		283.8	5.03	TAS	129.0	1.93	m_e	mb	5.7

Event 20107001 Central Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/07	10:27:05.64			-10.6800	-75.7600			96.9		2.5		20		92.91	98.04	m i k e	BGR
	20107007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	20107007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	93.68	P		10:40:18.868		259.5		4.50		TAS		15.7	0.86	m_e	mb	5.4
ASSE	96.19	P		10:40:30.447	0.0	259.5		4.50		TAS		8.8	0.88	m_e	mb	5.3
BFO	94.03	P		10:40:20.744		259.5		4.50		TAS		4.9	0.93	m_e	mb	4.8
BFO	94.03	pP		10:40:46.167	0.0					T__				m_e		
BRG	98.04	P		10:40:38.557		259.5		4.50		TAS		5.7	0.92	m_e	mb	5.3
BUG	93.99	P		10:40:20.167	-0.3	259.5		4.50		TAS		22.7	1.02	m_e	mb	5.4
CLL	97.50	P		10:40:36.026		259.5		4.50		TAS		6.2	0.77	m_e	mb	5.3
CLZ	95.96	P		10:40:29.378	0.0	259.5		4.50		TAS		10.4	0.87	m_e	mb	5.4
FLT1	96.56	P		10:40:32.251	0.0	259.5		4.50		TAS		14.0	0.92	m_e	mb	5.6
FUR	95.94	P		10:40:29.219		259.5		4.50		TAS		30.9	1.06	m_e	mb	5.8
FUR	95.94	pP		10:40:54.588	0.0					T__				m_e		
GEC2	97.63	P		10:40:36.679		259.5		4.50		TAS		4.7	0.93	m_e	mb	5.2
GRA1	96.14	P		10:40:30.153		259.5		4.50		TAS		10.1	1.06	m_e	mb	5.3
GTTG	95.66	P		10:40:27.890		259.5		4.50		TAS		18.8	1.03	m_e	mb	5.6
KAST	94.64	P		10:40:23.344		259.5		4.50		TAS		9.9	1.12	m_e	mb	5.2
MOX	96.54	P		10:40:31.931		259.5		4.50		TAS		3.6	0.85	m_e	mb	5.0
STU	94.68	P		10:40:23.698		259.5		4.50		TAS		51.5	1.09	m_e	mb	5.9
TANN	97.04	P		10:40:34.024		259.5		4.50		TAS		8.4	0.94	m_e	mb	5.3
TNS	94.48	P		10:40:22.464		259.5		4.50		TAS		11.3	0.86	m_e	mb	5.2
UBR	95.08	P		10:40:25.349		259.5		4.50		TAS		18.4	0.90	m_e	mb	5.5
WET	97.14	P		10:40:34.228		259.5		4.50		TAS		3.5	0.91	m_e	mb	5.0
WET	97.14	pP		10:41:00.515	0.0					T__				m_e		
WLF	92.91	P		10:40:15.505		259.5		4.50		TAS		17.6	0.97	m_e	mb	5.5

Event 20107003 Gansu, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/07	17:45:32.82			38.3200	102.2800				33.0			27		59.27	65.44	m i ke	BGR
OrigID 20107009																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.5		BGR	20107009
MBB	6.9		BGR	20107009
Ms	7.1		BGR	20107009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.48		P	17:56:07.014	0.1	62.8		6.68		TAS		358.3	1.36	m_e	MBB 7.0
ASSE	61.74		P	17:55:48.319	-0.2	62.8		6.68		TAS		490.2	1.67	m_e	MBB 6.9
BFO	64.88		P	17:56:09.662	0.2	62.8		6.68		TAS		322.7	1.48	m_e	MBB 6.8
BRG	60.46		P	17:55:40.156	0.1	62.8		6.68		TAS		330.5	1.28	m_e	MBB 6.5
BSEG	61.12		P	17:55:44.094	-0.1	62.8		6.68		TAS		1034.9	1.60	m_e	MBB 6.7
BUG	63.93		P	17:56:03.078	-0.1	62.8		6.68		TAS		656.3	1.54	m_e	MBB 7.0
CLL	60.81		P	17:55:42.107	-0.2	62.8		6.68		TAS		275.2	1.20	m_e	MBB 6.5
CLZ	62.04		P	17:55:50.212	-0.3	62.8		6.68		TAS		773.5	1.54	m_e	MBB 7.1
FLT1	61.34		P	17:55:45.902	0.1	62.8		6.68		TAS		594.0	1.49	m_e	MBB 6.5
FUR	63.24		P	17:55:58.347	-0.1	62.8		6.68		TAS		991.9	1.39	m_e	MBB 7.1
GEC2	61.50		P	17:55:46.844	0.1	62.8		6.68		TAS		347.5	1.45	m_e	MBB 6.9
GOR1	61.01		P	17:55:43.628	0.1	62.8		6.68		TAS		1822.3	1.83	m_e	MBB 6.7
GRA1	62.55		P	17:55:54.000	0.0	62.8		6.68		TAS		780.7	1.48	m_e	mb 6.6
GRA1	62.55		L	18:24:28.400						T__		150451.0	21.70	a_e	Ms 7.1
GTTG	62.40		P	17:55:52.674	-0.3	62.8		6.68		TAS		26741.8	7.45	m_e	MBB 7.0
IBBN	63.24		P	17:55:58.414	-0.1	62.8		6.68		TAS		984.6	1.74	m_e	MBB 7.0
KAST	63.42		P	17:55:59.604	-0.1	62.8		6.68		TAS		520.8	1.99	m_e	MBB 6.8
MOX	61.89		P	17:55:49.577	0.0	62.8		6.68		TAS		530.2	1.62	m_e	MBB 6.9
MOX	61.89		L	18:23:50.068						T__		112024.0	19.10	a_e	Ms 7.0
NEUB	61.55		P	17:55:47.327	0.0	62.8		6.68		TAS		507.1	1.26	m_e	MBB 7.1
RETH	62.18		P	17:55:51.343	0.0	62.8		6.68		TAS		855.2	1.70	m_e	MBB 7.1
RGN	59.27		P	17:55:32.204	0.4	62.8		6.68		TAS		806.5	1.21	m_e	MBB 7.0
RUE	59.87		P	17:55:36.101	0.0	62.8		6.68		TAS		779.6	1.42	m_e	MBB 7.0
STU	64.16		P	17:56:04.828	0.1	62.8		6.68		TAS		854.7	1.44	m_e	MBB 7.2
TANN	61.51		P	17:55:46.993	-0.0	62.8		6.68		TAS		390.7	1.49	m_e	MBB 6.9
TNS	63.87		P	17:56:02.868	0.0	62.8		6.68		TAS		413.5	1.59	m_e	MBB 6.8
UBR	64.16		P	17:56:04.358	-0.2	62.8		6.68		TAS		363.5	1.27	m_e	MBB 7.0
WET	61.84		P	17:55:49.206	0.1	62.8		6.68		TAS		652.1	1.63	m_e	MBB 6.9
WLF	65.44		P	17:56:13.558	0.3	62.8		6.68		TAS		1112.9	1.64	m_e	MBB 7.0

Event 20107004 Western Nei Mongol, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/07	18:09:01.36			37.8520	104.1900				17.7					63.97	63.97	m i ke	BGR
OrigID																	

20107010

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 20107010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	63.97		P	18:19:30.646		66.7		6.19		TAS		6.8	1.09	m_e	mb 4.8
GRA1	63.97		pP	18:19:35.609						T__				m_e	

Event 20107005 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/07	21:47:08.66		4.4890	66.8560					10.0					64.89	64.89	m i ke	BGR

OrigID 20107011

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 20107011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	64.89		P	21:57:45.350		117.1		7.62		TAS		10.1	1.20	m_e	mb 4.9

Event 20108002 Southern Yukon Territory, Canada

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/08	08:16:52.70		61.8270	-140.3940					33.0				24	62.17	68.19	m i ke	BGR

OrigID 20108008

Magnitude Err Nsta Author OrigID
 mb 5.3 BGR 20108008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.90		P	08:27:27.699	0.2	345.8		6.42		TAS		12.2	0.91	a_e	mb 5.1
ASSE	63.97		P	08:27:21.599	-0.1	345.8		6.42		TAS		13.1	0.89	a_e	mb 5.2
BFO	67.25		P	08:27:42.449	-0.2	345.8		6.42		TAS		13.8	0.90	a_e	mb 5.2
BRG	65.68		P	08:27:32.699	0.1	345.8		6.42		TAS		14.6	0.80	a_e	mb 5.3
BSEG	62.17		P	08:27:10.099	-0.0	345.8		6.42		TAS		11.5	0.81	m_e	mb 5.2
BUG	64.07		P	08:27:21.899	-0.3	345.8		6.42		TAS		25.0	0.72	a_e	mb 5.5
CLL	65.12		P	08:27:28.749	-0.3	345.8		6.42		TAS		13.4	0.79	a_e	mb 5.2
CLZ	64.20		P	08:27:23.571	0.4	345.8		6.42		TAS		29.2	0.75	m_e	mb 5.6
FLT1	63.87		P	08:27:20.449	-0.6	345.8		6.42		TAS		17.1	0.80	a_e	mb 5.3
FUR	67.91		P	08:27:46.884	-0.2	345.8		6.42		TAS		30.2	0.76	m_e	mb 5.6
GEC2	67.63		P	08:27:45.249	0.1	345.8		6.42		TAS		11.1	1.00	a_e	mb 5.0
GRA1	66.42		P	08:27:37.599	0.2	345.8		6.42		TAS		12.7	0.82	a_e	mb 5.2

GTTG	64.42	P	08:27:24.719	0.1	345.8	6.42	TAS	31.0	0.88	m_e	mb	5.5
IBBN	63.32	P	08:27:17.549	0.1	345.8	6.42	TAS	17.2	0.76	a_e	mb	5.2
KAST	64.50	P	08:27:25.049	0.0	345.8	6.42	TAS	18.9	0.82	a_e	mb	5.4
MOX	65.56	P	08:27:31.849	-0.0	345.8	6.42	TAS	20.8	0.77	a_e	mb	5.4
NEUB	65.05	P	08:27:28.549	-0.1	345.8	6.42	TAS	27.1	0.79	a_e	mb	5.5
RUE	64.10	P	08:27:22.599	0.2	345.8	6.42	TAS	29.2	0.77	m_e	mb	5.6
STU	66.98	P	08:27:40.699	-0.2	345.8	6.42	TAS	26.2	0.80	a_e	mb	5.5
TANN	65.91	P	08:27:34.199	0.1	345.8	6.42	TAS	13.5	0.92	a_e	mb	5.2
TNS	65.45	P	08:27:31.049	-0.1	345.8	6.42	TAS	8.7	0.73	a_e	mb	5.1
UBR	68.19	P	08:27:48.410	-0.1	345.8	6.42	TAS	16.5	0.89	m_e	mb	5.3
WET	67.21	P	08:27:42.524	0.3	345.8	6.42	TAS	20.2	0.88	m_e	mb	5.4
WLF	65.57	P	08:27:32.149	0.4	345.8	6.42	TAS	16.9	0.85	a_e	mb	5.3

Event 20108003 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/08	12:08:05.13			34.3990	25.7030				33.0					18.63	18.63	m i ke	BGR
OrigID 20108009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	20108009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	18.63		P	12:12:20.404		140.0		10.97		TAS		12.5	0.91	m_e	mb	4.1

Event 20109001 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/09	02:05:54.45			-5.9500	149.2300				18.3	1.5		16		121.72	126.47	m i ke	BGR
OrigID 20109007																	

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	122.70		PKPdf	02:24:48.267	-0.0	57.5		2.29		TAS				m_e	
BRG	121.81		PKPdf	02:24:46.786	0.0	57.5		2.29		TAS				m_e	
BRG	121.81		pPKPdf	02:24:52.115	0.0					T__				m_e	
BSEG	121.72		PKPdf	02:24:46.266	0.0	57.5		2.29		TAS				m_e	
BUG	124.75		PKPdf	02:24:52.046	0.0	57.5		2.29		TAS				m_e	
CLL	122.04		PKPdf	02:24:47.025	0.0	57.5		2.29		TAS				m_e	
CLL	122.04		pPKPdf	02:24:52.120	0.0					T__				m_e	
CLZ	123.02		PKPdf	02:24:49.062	0.0	57.5		2.29		TAS				m_e	
CLZ	123.02		pPKPdf	02:24:54.705	0.0					T__				m_e	

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FLT1	122.30	PKPdf	02:24:47.193	0.0	57.5	2.29	TAS	m_e
FLT1	122.30	pPKPdf	02:24:52.758	0.0			T__	m_e
GEC2	123.09	PKPdf	02:24:48.897	0.0	57.5	2.29	TAS	m_e
GEC2	123.09	pPKPdf	02:24:54.697	0.0			T__	m_e
GTTG	123.41	PKPdf	02:24:49.922	0.0	57.5	2.29	TAS	m_e
KAST	124.37	PKPdf	02:24:51.681	0.0	57.5	2.29	TAS	m_e
KAST	124.37	pPKPdf	02:24:57.245	0.0			T__	m_e
MOX	123.14	PKPdf	02:24:49.117	0.0	57.5	2.29	TAS	m_e
STU	125.53	PKPdf	02:24:53.939	0.0	57.5	2.29	TAS	m_e
STU	125.53	pPKPdf	02:24:59.503	0.0			T__	m_e
TANN	122.85	PKPdf	02:24:48.592	0.0	57.5	2.29	TAS	m_e
TANN	122.85	pPKPdf	02:24:54.235	0.0			T__	m_e
TNS	124.99	PKPdf	02:24:52.764	0.0	57.5	2.29	TAS	m_e
WET	123.36	PKPdf	02:24:49.353	0.0	57.5	2.29	TAS	m_e
WET	123.36	pPKPdf	02:24:55.074	0.0			T__	m_e
WLF	126.47	PKPdf	02:24:55.888	0.0	57.5	2.29	TAS	m_e

Event 20109002 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/09	21:42:59.37	1.86	1.54	37.7140	23.9610	51.1	38.9	136	10.0			23	343	13.38	18.74	m i ke	BGR
20109008																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 20109008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	17.58		Pn	21:47:05.298	-0.3					T__				m_e	
ASSE	17.16		Pn	21:46:57.853	-2.0					T__				m_e	
BFO	15.56		Pn	21:46:36.832	-1.2					T__		65.6	0.81	m_e mb	4.8
BRG	14.96		Pn	21:46:29.937	0.2					T__				m_e	
BSEG	18.74		Pn	21:47:19.836	-1.4					T__		27.8	0.99	m_e mb	4.5
BUG	18.09		Pn	21:47:15.278	2.8					T__		20.6	0.88	m_e mb	4.4
CLL	15.64		Pn	21:46:39.023	-0.1					T__				m_e	
CLZ	17.05		Pn	21:47:03.399	5.0					T__				m_e	
FLT1	17.11		Pn	21:46:58.647	-0.5					T__				m_e	
FUR	13.95		Pn	21:46:16.436	0.4					T__				m_e	
GEC2	13.38		Pn	21:46:08.001	-0.3					T__				m_e	
GRA1	15.07		Pn	21:46:29.017	-2.4					T__				m_e	
GTTG	16.99		Pn	21:46:58.891	1.4					T__				m_e	
IBBN	18.48		Pn	21:47:17.335	-0.4					T__		44.3	0.80	m_e mb	4.7
KAST	17.40		Pn	21:47:02.693	-0.5					T__		25.2	0.72	m_e mb	4.5
MOX	15.63		Pn	21:46:39.219	0.2					T__		217.7	1.40	m_e mb	5.1
NEUB	16.00		Pn	21:46:44.229	0.2					T__				m_e	
STU	15.39		Pn	21:46:35.233	-0.4					T__		164.0	0.75	m_e mb	5.2
TANN	15.12		Pn	21:46:32.204	0.2					T__				m_e	

TNS	16.71	Pn	21:46:52.247	-1.5	T__	106.7	1.20	m_e	mb	4.8
UBR	14.22	Pn	21:46:19.552	-0.2	T__			m_e		
WET	13.95	Pn	21:46:15.239	-0.8	T__			m_e		
WLF	17.51	Pn	21:47:05.969	1.4	T__	44.9	0.89	m_e	mb	4.7

Event 20110001 South of Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/10	10:59:34.75			-24.1100	-173.5900				33.0			17		149.98	154.41	m i ke	BGR
OrigID 20110007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.75		PKPbc	11:19:26.192	0.0	10.2		2.32		TAS				m_e	
BRG	152.57		PKPbc	11:19:27.998	-0.1	10.2		2.32		TAS				m_e	
BRG	152.57		PKPab	11:19:38.888	0.2	9.2		3.98		TAS				m_e	
BSEG	149.98		PKPbc	11:19:22.265	0.1	10.2		2.32		TAS				m_e	
BSEG	149.98		PKPab	11:19:29.077	0.2	9.2		3.98		TAS				m_e	
BUG	152.62		PKPbc	11:19:28.371	-0.1	10.2		2.32		TAS				m_e	
BUG	152.62		PKPab	11:19:38.460	0.2	9.2		3.98		TAS				m_e	
CLL	152.29		PKPbc	11:19:27.204	-0.2	10.2		2.32		TAS				m_e	
CLL	152.29		PKPab	11:19:37.861	0.2	9.2		3.98		TAS				m_e	
CLZ	152.06		PKPbc	11:19:26.925	0.0	10.2		2.32		TAS				m_e	
FLT1	151.50		PKPbc	11:19:25.502	-0.1	10.2		2.32		TAS				m_e	
GRA1	154.10		PKPab	11:19:44.957	0.2	9.2		3.98		TAS				m_e	
GTTG	152.38		PKPbc	11:19:27.701	0.0	10.2		2.32		TAS				m_e	
IBBN	151.74		PKPbc	11:19:26.295	-0.1	10.2		2.32		TAS				m_e	
KAST	152.82		PKPbc	11:19:28.905	0.1	10.2		2.32		TAS				m_e	
KAST	152.82		PKPab	11:19:39.223	0.2	9.2		3.98		TAS				m_e	
MOX	153.12		PKPbc	11:19:29.472	0.1	10.2		2.32		TAS				m_e	
MOX	153.12		PKPab	11:19:40.353	0.2	9.2		3.98		TAS				m_e	
NEUB	152.56		PKPbc	11:19:28.054	0.0	10.2		2.32		TAS				m_e	
NEUB	152.56		PKPab	11:19:38.663	0.2	9.2		3.98		TAS				m_e	
RUE	151.04		PKPbc	11:19:24.594	0.0	10.2		2.32		TAS				m_e	
RUE	151.04		PKPab	11:19:31.948	0.2	9.2		3.98		TAS				m_e	
TANN	153.24		PKPbc	11:19:29.813	0.2	10.2		2.32		TAS				m_e	
TANN	153.24		PKPab	11:19:40.599	0.2	9.2		3.98		TAS				m_e	
TNS	153.79		PKPab	11:19:44.305	0.2	9.2		3.98		TAS				m_e	
WET	154.41		PKPab	11:19:46.444	0.2	9.2		3.98		TAS				m_e	

Event 20110002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2022/01/10 20:02:11.43 -23.6000 -176.7100 521.8 2.7 18 149.16 155.28 m i ke BGR
 20110008

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	150.88		PKPdf	20:21:54.831	0.3	30.9		1.38		TAS				m_e		
ASSE	150.88		PKPbc	20:22:00.788	-0.2	19.5		2.20		TAS				m_e		
ASSE	150.88		pPKPbc	20:24:03.111	0.3	13.6		2.18		TAS				m_e		
BFO	154.91		PKPdf	20:22:00.455	0.3	30.9		1.38		TAS				m_e		
BFO	154.91		PKPbc	20:22:09.910		19.5		2.20		TAS				m_e		
BRG	151.47		PKPbc	20:22:02.200	0.2	19.5		2.20		TAS				m_e		
BSEG	149.16		PKPbc	20:21:57.287	-0.1	19.5		2.20		TAS				m_e		
CLL	151.26		PKPbc	20:22:01.203	-0.4	19.5		2.20		TAS				m_e		
CLL	151.26		pPKPbc	20:24:03.989	0.3	13.6		2.18		TAS				m_e		
CLZ	151.20		PKPdf	20:21:55.493	0.3	30.9		1.38		TAS				m_e		
CLZ	151.20		PKPbc	20:22:01.932	0.2	19.5		2.20		TAS				m_e		
FLT1	150.59		PKPdf	20:21:53.873	0.3	30.9		1.38		TAS				m_e		
FLT1	150.59		PKPbc	20:22:00.420	0.1	19.5		2.20		TAS				m_e		
FLT1	150.59		pPKPbc	20:24:02.196	0.3	13.6		2.18		TAS				m_e		
GEC2	153.42		PKPdf	20:21:57.560	0.3	30.9		1.38		TAS				m_e		
GTTG	151.54		PKPdf	20:21:56.294	0.3	30.9		1.38		TAS				m_e		
GTTG	151.54		PKPbc	20:22:02.431	-0.1	19.5		2.20		TAS				m_e		
IBBN	151.05		PKPbc	20:22:01.789	-0.0	19.5		2.20		TAS				m_e		
KAST	152.07		PKPbc	20:22:04.047	0.2	19.5		2.20		TAS				m_e		
MOX	152.15		PKPdf	20:21:55.982	0.3	30.9		1.38		TAS				m_e		
MOX	152.15		PKPbc	20:22:03.366	-0.3	19.5		2.20		TAS				m_e		
MOX	152.15		pPKPbc	20:24:05.757	0.3	13.6		2.18		TAS				m_e		
NEUB	151.60		PKPdf	20:21:56.126	0.3	30.9		1.38		TAS				m_e		
NEUB	151.60		PKPbc	20:22:02.470	0.1	19.5		2.20		TAS				m_e		
RUE	150.00		PKPbc	20:21:58.996	0.2	19.5		2.20		TAS				m_e		
TANN	152.22		PKPdf	20:21:55.777	0.3	30.9		1.38		TAS				m_e		
TANN	152.22		PKPbc	20:22:03.624	-0.1	19.5		2.20		TAS				m_e		
TNS	153.03		PKPdf	20:21:58.202	0.3	30.9		1.38		TAS				m_e		
TNS	153.03		PKPbc	20:22:06.044	0.1	19.5		2.20		TAS				m_e		
UBR	155.28		PKPdf	20:22:00.302	0.3	30.9		1.38		TAS				m_e		
WET	153.33		PKPdf	20:21:57.485	0.3	30.9		1.38		TAS				m_e		
WET	153.33		PKPbc	20:22:06.227	0.1	19.5		2.20		TAS				m_e		

Event 20110003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/10	23:26:27.41		25.8680	-45.0720					10.0			10		45.85	50.97	m i ke	BGR
OrigID 20110009																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 20110009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.61		P	23:34:51.711	-0.2	262.5		7.66		TAS		19.8	0.88	m_e mb	5.2
ASSE	49.12		P	23:35:10.855	0.5	262.5		7.66		TAS		43.7	1.37	m_e mb	5.3
BFO	47.02		P	23:34:55.171		262.5		7.66		TAS		31.2	1.00	m_e mb	5.4
BRG	50.97		P	23:35:25.093	-0.2	262.5		7.66		TAS		8.1	1.03	m_e mb	4.6
BSEG	49.25		P	23:35:10.761	0.5	262.5		7.66		TAS		62.1	1.02	m_e mb	5.6
BUG	46.91		P	23:34:54.115	-1.5	262.5		7.66		TAS		19.9	1.06	m_e mb	5.2
CLL	50.43		P	23:35:20.634	-0.2	262.5		7.66		TAS		11.7	1.07	m_e mb	4.7
CLZ	48.89		P	23:35:09.036	0.5	262.5		7.66		TAS		24.7	1.10	m_e mb	5.2
FLT1	49.50		P	23:35:13.684	0.5	262.5		7.66		TAS		27.7	1.20	m_e mb	5.1
GEC2	50.62		P	23:35:22.316		262.5		7.66		TAS		25.8	1.14	m_e mb	5.1
GRA1	49.09		P	23:35:11.385		262.5		7.66		TAS		6.6	0.95	m_e mb	4.6
GTTG	48.59		P	23:35:06.992	0.5	262.5		7.66		TAS		16.0	1.09	m_e mb	5.0
IBBN	47.40		P	23:34:57.429	-0.4	262.5		7.66		TAS		31.8	1.10	m_e mb	5.4
KAST	47.57		P	23:34:58.827	-0.2	262.5		7.66		TAS		15.5	1.22	m_e mb	5.0
MOX	49.47		P	23:35:13.721	-0.2	262.5		7.66		TAS		6.3	1.01	m_e mb	4.6
NEUB	49.65		P	23:35:14.889		262.5		7.66		TAS				m_e	
TANN	49.98		P	23:35:17.592	-0.2	262.5		7.66		TAS				m_e	
TNS	47.41		P	23:34:57.921		262.5		7.66		TAS		39.0	1.29	m_e mb	5.4
UBR	48.12		P	23:35:02.956		262.5		7.66		TAS		13.2	0.86	m_e mb	5.1
WET	50.11		P	23:35:18.861		262.5		7.66		TAS		22.3	1.29	m_e mb	4.9
WLF	45.85		P	23:34:46.234		262.5		7.66		TAS		11.5	0.90	m_e mb	4.9

Event 20111001 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
2022/01/11	00:27:05.44			3.1310	93.5950				33.0					82.70	82.70	m i ke	BGR
OrigID 20111007																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 20111007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.70		P	00:39:26.107		109.0		4.49		TAS		7.7	1.12	m_e mb	4.8

Event 20111002 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	01:07:40.43			34.6800	32.6100				33.0				28	19.90	26.06	m i ke	BGR
OrigID 20111008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	20111008
MBB	6.8		BGR	20111008
Ms	6.1		BGR	20111008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	24.40		P	01:12:56.594	0.1	127.6		10.09		TAS		2004.6	1.67	m_e	MBB	6.7
ASSE	23.46		P	01:12:47.041	-0.4	127.6		10.09		TAS		789.7	1.10	m_e	MBB	6.8
BFO	22.60		P	01:12:38.722	1.7	127.6		10.09		TAS		847.8	0.91	m_e	MBB	6.8
BRG	21.10		P	01:12:23.326	-0.1	127.6		10.09		TAS		1819.4	1.20	m_e	MBB	6.7
BSEG	24.81		P	01:13:00.042	-0.1	127.6		10.09		TAS		562.8	1.12	m_e	MBB	6.9
BUG	24.77		P	01:12:59.860	-0.8	127.6		10.09		TAS		795.0	1.12	m_e	MBB	6.9
CLL	21.83		P	01:12:30.748	-0.1	127.6		10.09		TAS		1243.5	1.14	m_e	MBB	6.3
CLZ	23.43		P	01:12:47.067	-0.1	127.6		10.09		TAS		896.1	0.88	m_e	MBB	6.8
FLT1	23.33		P	01:12:45.121	-0.8	127.6		10.09		TAS		482.0	1.03	m_e	MBB	6.5
FUR	20.82		P	01:12:19.675	-0.3	127.6		10.09		TAS		1584.5	1.02	m_e	MBB	6.8
GEC2	19.90		P	01:12:10.904	-0.7	127.6		10.09		TAS		3335.3	1.49	m_e	MBB	6.8
GOR1	23.73		P	01:12:49.870	0.2	127.6		10.09		TAS		1750.0	1.27	m_e	MBB	7.0
GRA1	21.70		P	01:12:29.023	-0.7	127.6		10.09		TAS		1084.8	1.35	m_e	mb	6.1
GRA1	21.70		L	01:22:52.665						T__		94292.7	18.70	a_e	Ms	6.2
GTTG	23.45		P	01:12:47.560	0.1	127.6		10.09		TAS		1032.6	0.88	m_e	MBB	6.8
HLG	26.06		P	01:13:12.832	-0.5	127.6		10.09		TAS		1036.2	1.04	m_e	MBB	7.0
IBBN	25.00		P	01:13:02.533	-0.6	127.6		10.09		TAS		488.7	1.01	m_e	MBB	7.1
KAST	24.04		P	01:12:52.910	-0.4	127.6		10.09		TAS		643.5	1.23	m_e	MBB	6.8
MOX	22.07		P	01:12:33.603	0.0	127.6		10.09		TAS		1271.9	0.95	m_e	MBB	6.7
MOX	22.07		L	01:21:33.882						T__		59149.7	21.90	a_e	Ms	6.0
NEUB	22.34		P	01:12:36.141	-0.1	127.6		10.09		TAS		763.2	0.88	m_e	MBB	6.6
RETH	24.47		P	01:12:57.499	-0.1	127.6		10.09		TAS		1221.3	1.43	m_e	MBB	6.9
RGN	23.99		P	01:12:52.305	2.4	127.6		10.09		TAS		2489.2	0.93	m_e	MBB	7.0
RUE	22.29		P	01:12:35.000	0.5	127.6		10.09		TAS		478.0	0.72	m_e	MBB	6.7
STU	22.32		P	01:12:35.427	0.5	127.6		10.09		TAS		1414.5	0.79	m_e	MBB	6.8
TANN	21.51		P	01:12:27.722	-0.1	127.6		10.09		TAS		1083.7	1.01	m_e	MBB	6.4
TNS	23.49		P	01:12:46.963	-0.5	127.6		10.09		TAS		500.6	0.94	m_e	MBB	6.8
UBR	21.24		P	01:12:24.242	0.8	127.6		10.09		TAS		979.1	0.93	m_e	MBB	6.5
WET	20.51		P	01:12:16.950	-0.8	127.6		10.09		TAS		2246.2	1.04	m_e	MBB	6.7
WLF	24.49		P	01:12:57.395	0.8	127.6		10.09		TAS		640.3	1.08	m_e	MBB	6.9

Event 20111003 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	11:35:50.11			53.0900	-168.0300				33.0				27	72.59	79.46	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	6.6		BGR	20111009

MBB	7.1	BGR	20111009
Ms	6.7	BGR	20111009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.53		P	11:47:38.203	0.1	359.9		5.68		TAS		836.0	1.50	m_e	MBB 7.1
ASSE	75.02		P	11:47:29.429	-0.1	359.9		5.68		TAS		617.3	1.36	m_e	MBB 6.9
BFO	78.77		P	11:47:50.511	-0.3	359.9		5.68		TAS		684.5	1.41	m_e	MBB 6.9
BRG	76.26		P	11:47:36.265	-0.2	359.9		5.68		TAS		451.9	1.34	m_e	MBB 7.1
BSEG	73.20		P	11:47:18.946	-0.3	359.9		5.68		TAS		930.8	1.43	m_e	MBB 7.2
BUG	75.63		P	11:47:32.731	-0.3	359.9		5.68		TAS		1299.5	1.56	m_e	MBB 7.0
CLL	75.84		P	11:47:33.628	-0.5	359.9		5.68		TAS		475.7	1.31	m_e	MBB 7.1
CLZ	75.30		P	11:47:31.508	0.4	359.9		5.68		TAS		795.0	1.24	m_e	MBB 7.0
FLT1	74.82		P	11:47:27.755	-0.6	359.9		5.68		TAS		543.4	1.31	m_e	MBB 7.0
FUR	78.99		P	11:47:52.145	0.1	359.9		5.68		TAS		1745.6	1.60	m_e	MBB 7.1
GEC2	78.30		P	11:47:48.069	0.0	359.9		5.68		TAS		506.1	1.36	m_e	MBB 7.0
GOR1	74.16		P	11:47:24.701	0.1	359.9		5.68		TAS		996.9	1.45	m_e	MBB 7.1
GRA1	77.46		P	11:47:43.676	0.3	359.9		5.68		TAS		1399.0	1.56	m_e	mb 6.8
GRA1	77.46		L	12:33:35.083						T__		42526.8	18.50	a_e	Ms 6.8
GTTG	75.59		P	11:47:32.923	0.2	359.9		5.68		TAS		783.9	1.18	m_e	MBB 7.1
IBBN	74.78		P	11:47:28.347	0.2	359.9		5.68		TAS		1011.1	1.22	m_e	MBB 7.0
KAST	75.91		P	11:47:34.381	-0.2	359.9		5.68		TAS		430.0	1.40	m_e	MBB 7.0
MOX	76.50		P	11:47:38.011	0.1	359.9		5.68		TAS		628.1	1.30	m_e	MBB 7.1
MOX	76.50		L	12:28:06.800						T__		33480.1	20.30	a_e	Ms 6.7
NEUB	75.96		P	11:47:34.717	-0.1	359.9		5.68		TAS		960.6	1.31	m_e	MBB 7.1
RETH	74.39		P	11:47:25.950	0.0	359.9		5.68		TAS		942.0	1.49	m_e	MBB 7.0
RGN	72.59		P	11:47:15.987	0.3	359.9		5.68		TAS		1226.1	1.30	m_e	MBB 7.2
RUE	74.66		P	11:47:27.610	0.2	359.9		5.68		TAS		1079.9	1.37	m_e	MBB 7.1
STU	78.35		P	11:47:48.357	-0.1	359.9		5.68		TAS		1258.3	1.23	m_e	MBB 7.4
TANN	76.74		P	11:47:39.197	-0.0	359.9		5.68		TAS		480.6	1.45	m_e	MBB 7.1
TNS	76.88		P	11:47:40.270	0.1	359.9		5.68		TAS		492.0	1.34	m_e	MBB 7.0
UBR	79.46		P	11:47:54.632	-0.1	359.9		5.68		TAS		941.4	1.41	m_e	MBB 6.9
WET	78.00		P	11:47:46.688	0.3	359.9		5.68		TAS		560.1	1.43	m_e	MBB 7.1
WLF	77.37		P	11:47:43.099	0.3	359.9		5.68		TAS		981.4	1.59	m_e	MBB 7.1

Event 20111004 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	11:46:01.08			53.1290	-168.6150				33.0			24		73.17	79.43	m i ke	BGR
OrigID 20111010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20111010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.51		P	11:57:46.787	-0.1	359.9		5.61		TAS		20.8	0.94	m_e	mb 5.2
ASSE	74.98		P	11:57:38.535	0.1	359.9		5.61		TAS		28.4	1.14	m_e	mb 5.2

BFO	78.75	P	11:57:59.132	-0.3	359.9	5.61	TAS	40.1	1.21	m_e	mb	5.3
BRG	76.22	P	11:57:45.244	-0.0	359.9	5.61	TAS	34.7	1.28	m_e	mb	5.3
BSEG	73.17	P	11:57:28.070	-0.1	359.9	5.61	TAS	44.5	1.12	m_e	mb	5.5
BUG	75.61	P	11:57:41.554	-0.3	359.9	5.61	TAS	64.3	1.33	m_e	mb	5.6
CLL	75.79	P	11:57:42.561	-0.4	359.9	5.61	TAS	22.8	1.07	m_e	mb	5.2
CLZ	75.27	P	11:57:40.213	0.2	359.9	5.61	TAS	52.4	1.15	m_e	mb	5.5
FLT1	74.78	P	11:57:37.127	-0.1	359.9	5.61	TAS	66.5	1.56	m_e	mb	5.4
FUR	78.95	P	11:58:00.675	0.0	359.9	5.61	TAS	52.5	1.03	m_e	mb	5.5
GEC2	78.25	P	11:57:56.851	0.2	359.9	5.61	TAS	34.1	1.17	m_e	mb	5.4
GOR1	74.12	P	11:57:33.437	-0.1	359.9	5.61	TAS	837.6	3.21	m_e	mb	6.2
GRA1	77.42	P	11:57:52.020	-0.1	359.9	5.61	TAS	63.9	1.14	m_e	mb	5.7
GTTG	75.56	P	11:57:41.890	0.3	359.9	5.61	TAS	55.6	1.05	m_e	mb	5.6
IBBN	74.76	P	11:57:37.059	-0.0	359.9	5.61	TAS	65.3	1.13	m_e	mb	5.6
KAST	75.88	P	11:57:43.433	0.1	359.9	5.61	TAS	26.0	1.22	m_e	mb	5.2
MOX	76.47	P	11:57:46.184	-0.5	359.9	5.61	TAS	28.8	1.06	m_e	mb	5.3
NEUB	75.92	P	11:57:43.970	0.3	359.9	5.61	TAS	69.6	1.22	m_e	mb	5.7
RETH	74.36	P	11:57:35.248	0.4	359.9	5.61	TAS	26.7	1.14	m_e	mb	5.2
TANN	76.69	P	11:57:48.062	0.1	359.9	5.61	TAS	37.9	1.38	m_e	mb	5.3
TNS	76.86	P	11:57:48.532	-0.4	359.9	5.61	TAS	45.9	1.40	m_e	mb	5.4
UBR	79.43	P	11:58:03.291	-0.0	359.9	5.61	TAS	42.3	1.19	m_e	mb	5.2
WET	77.96	P	11:57:55.442	0.3	359.9	5.61	TAS	38.2	1.39	m_e	mb	5.3
WLF	77.35	P	11:57:52.087	0.5	359.9	5.61	TAS	36.4	1.24	m_e	mb	5.4

Event 20111005 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	11:53:58.83			50.4790	-166.4580				33.0					80.05	80.05	m i ke	BGR
20111011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	20111011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	80.05		P	12:06:04.275		356.4		4.91		TAS		6.8	0.90	m_e	mb	4.6

Event 20111006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	12:39:35.63			52.7800	-167.2300				33.0				27	72.91	79.76	m i ke	BGR
20111012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	20111012

MBB	7.0	BGR	20111012
Ms	6.5	BGR	20111012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.81		P	12:51:25.981	0.2	359.3		5.65		TAS		176.2	1.01	m_e	MBB 7.0
ASSE	75.32		P	12:51:17.216	-0.2	359.3		5.65		TAS		131.2	0.95	m_e	MBB 6.8
BFO	79.06		P	12:51:38.411	-0.2	359.3		5.65		TAS		201.5	1.22	m_e	MBB 6.9
BRG	76.58		P	12:51:24.125	-0.3	359.3		5.65		TAS		184.5	1.00	m_e	MBB 6.9
BSEG	73.50		P	12:51:06.932	-0.2	359.3		5.65		TAS		341.6	0.99	m_e	MBB 6.8
BUG	75.92		P	12:51:20.557	-0.2	359.3		5.65		TAS		242.4	1.30	m_e	MBB 7.0
CLL	76.15		P	12:51:21.667	-0.4	359.3		5.65		TAS		180.9	0.97	m_e	MBB 6.9
CLZ	75.60		P	12:51:19.189	0.2	359.3		5.65		TAS		315.5	1.01	m_e	MBB 7.0
FLT1	75.12		P	12:51:15.707	-0.6	359.3		5.65		TAS		148.1	0.94	m_e	MBB 6.8
FUR	79.29		P	12:51:40.322	0.5	359.3		5.65		TAS		352.9	1.25	m_e	MBB 6.9
GEC2	78.61		P	12:51:35.887	-0.1	359.3		5.65		TAS		181.5	1.21	m_e	MBB 6.9
GOR1	74.46		P	12:51:12.430	-0.1	359.3		5.65		TAS		232.9	1.16	m_e	MBB 7.0
GRA1	77.76		P	12:51:31.594	0.4	359.3		5.65		TAS		526.5	1.50	m_e	mb 6.5
GRA1	77.76		L	13:34:06.944						T__		22456.4	19.10	a_e	Ms 6.5
GTTG	75.89		P	12:51:20.957	0.3	359.3		5.65		TAS		355.7	0.95	m_e	MBB 7.0
IBBN	75.07		P	12:51:15.317	-0.7	359.3		5.65		TAS		408.0	1.01	m_e	MBB 6.9
KAST	76.19		P	12:51:22.302	-0.1	359.3		5.65		TAS		159.9	1.04	m_e	MBB 6.9
MOX	76.81		P	12:51:25.399	-0.4	359.3		5.65		TAS		210.7	0.98	m_e	MBB 7.0
MOX	76.81		L	13:32:02.912						T__		23714.7	18.70	a_e	Ms 6.5
NEUB	76.26		P	12:51:22.614	-0.1	359.3		5.65		TAS		278.7	0.96	m_e	MBB 7.1
RETH	74.68		P	12:51:13.796	-0.0	359.3		5.65		TAS		212.4	1.23	m_e	MBB 6.8
RGN	72.91		P	12:51:05.154	1.4	359.3		5.65		TAS		467.1	0.90	m_e	MBB 7.0
RUE	74.98		P	12:51:15.602	0.2	359.3		5.65		TAS		346.4	1.01	m_e	MBB 7.0
STU	78.64		P	12:51:36.477	0.2	359.3		5.65		TAS		5701.2	2.80	m_e	MBB 7.2
TANN	77.05		P	12:51:26.520	-0.6	359.3		5.65		TAS		200.6	1.34	m_e	MBB 7.1
TNS	77.17		P	12:51:28.034	0.1	359.3		5.65		TAS		176.7	1.01	m_e	MBB 6.9
UBR	79.76		P	12:51:42.406	-0.1	359.3		5.65		TAS		276.2	1.27	m_e	MBB 6.8
WET	78.32		P	12:51:34.595	0.3	359.3		5.65		TAS		158.1	1.25	m_e	MBB 7.1
WLF	77.64		P	12:51:31.133	0.6	359.3		5.65		TAS		228.4	1.16	m_e	MBB 6.9

Event 20111007 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	12:54:02.19			54.5920	-169.2800				33.0			25		71.08	77.97	m i ke	BGR
	20111013																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	20111013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.06		P	13:05:39.338	0.1	0.3		5.72		TAS		48.9	0.95	m_e	mb 5.5
ASSE	73.52		P	13:05:30.201	-0.3	0.3		5.72		TAS		74.4	1.01	m_e	mb 5.7

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BFO	77.30	P	13:05:51.715	-0.4	0.3	5.72	TAS	59.9	1.03	m_e	mb	5.7
BRG	74.74	P	13:05:37.523	0.1	0.3	5.72	TAS	63.8	1.00	m_e	mb	5.6
BSEG	71.71	P	13:05:20.156	0.0	0.3	5.72	TAS	113.2	1.01	m_e	mb	6.0
BUG	74.17	P	13:05:34.024	-0.1	0.3	5.72	TAS	160.0	1.25	m_e	mb	5.9
CLL	74.32	P	13:05:34.931	-0.2	0.3	5.72	TAS	47.9	0.88	m_e	mb	5.5
CLZ	73.80	P	13:05:32.404	0.2	0.3	5.72	TAS	108.1	0.92	m_e	mb	5.9
FLT1	73.31	P	13:05:28.905	-0.5	0.3	5.72	TAS	49.9	0.88	m_e	mb	5.7
FUR	77.48	P	13:05:53.465	0.2	0.3	5.72	TAS	73.8	0.94	m_e	mb	5.8
GEC2	76.77	P	13:05:49.123	0.0	0.3	5.72	TAS	36.5	0.92	m_e	mb	5.5
GRA1	75.96	P	13:05:44.846	0.4	0.3	5.72	TAS	89.5	0.87	m_e	mb	5.9
GTTG	74.10	P	13:05:34.218	0.4	0.3	5.72	TAS	153.2	0.98	m_e	mb	6.0
IBBN	73.31	P	13:05:29.617	0.3	0.3	5.72	TAS	247.6	1.11	m_e	mb	6.2
KAST	74.43	P	13:05:35.514	-0.2	0.3	5.72	TAS	37.5	0.93	m_e	mb	5.4
MOX	75.00	P	13:05:39.014	0.0	0.3	5.72	TAS	61.5	0.88	m_e	mb	5.6
NEUB	74.45	P	13:05:35.579	-0.3	0.3	5.72	TAS	75.1	0.87	m_e	mb	5.7
RGN	71.08	P	13:05:16.527	0.0	0.3	5.72	TAS	183.5	0.85	m_e	mb	6.2
RUE	73.14	P	13:05:28.451	0.1	0.3	5.72	TAS	101.9	0.92	m_e	mb	6.0
STU	76.87	P	13:05:49.771	0.1	0.3	5.72	TAS	127.5	0.88	m_e	mb	6.1
TANN	75.22	P	13:05:40.504	0.2	0.3	5.72	TAS	32.7	1.03	m_e	mb	5.3
TNS	75.41	P	13:05:41.087	-0.2	0.3	5.72	TAS	38.8	0.86	m_e	mb	5.5
UBR	77.97	P	13:05:55.927	-0.1	0.3	5.72	TAS	78.5	1.06	m_e	mb	5.8
WET	76.49	P	13:05:47.373	-0.1	0.3	5.72	TAS	47.6	1.06	m_e	mb	5.5
WLF	75.91	P	13:05:44.327	0.2	0.3	5.72	TAS	48.7	0.92	m_e	mb	5.6

Event 20111008 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	13:23:01.52			52.9480	-165.0530				33.0					77.55	77.55	m i ke	BGR
20111014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20111014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	77.55		P	13:34:53.210		358.7		5.00		TAS		7.2	0.85	m_e	mb	4.8

Event 20111009 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	13:29:48.42			-17.5600	177.4190				68.9					145.99	145.99	m i ke	BGR
20111015																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.99		PKPbc	13:49:24.272		17.7		3.23		TAS				m_e	
GRA1	145.99		pPKPbc	13:49:43.828						T__				m_e	

Event 20111010 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	15:27:16.36			51.7760	-166.4020				33.0					78.76	78.76	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20111016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.76		P	15:39:14.715		356.4		5.01		TAS		8.8	0.77	m_e mb	4.9

Event 20111011 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	18:18:17.45			51.1260	-167.0570				33.0					79.42	79.42	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	20111017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.42		P	18:30:19.415		356.8		4.96		TAS		3.8	0.79	m_e mb	4.4

Event 20111012 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/11	22:15:40.94			50.9870	-166.2800				33.0					79.54	79.54	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	20111018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.54		P	22:27:43.603		356.3		4.95		TAS		4.6	0.81	m_e mb	4.5

Event 20112001 Gansu, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/12	10:20:29.23		34.9550	103.3800				33.0				9		63.44	68.45	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20112007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	67.51		P	10:31:21.539		64.3		6.48		TAS		13.4	0.92	m_e mb	5.2
BFO	67.83		P	10:31:23.449		64.3		6.48		TAS		5.9	0.98	m_e mb	4.8
BRG	63.44		P	10:30:54.510	0.6	64.3		6.48		TAS		12.5	1.06	m_e mb	5.0
BSEG	64.22		P	10:30:59.581	0.7	64.3		6.48		TAS		33.1	0.96	m_e mb	5.5
BUG	66.98		P	10:31:17.501		64.3		6.48		TAS		23.8	1.07	m_e mb	5.3
CLL	63.81		P	10:30:56.628	0.4	64.3		6.48		TAS		9.3	0.88	m_e mb	5.0
CLZ	65.08		P	10:31:04.980		64.3		6.48		TAS		22.0	0.95	m_e mb	5.4
FLT1	64.39		P	10:31:00.571	-0.6	64.3		6.48		TAS		13.3	0.94	m_e mb	5.2
GEC2	64.41		P	10:31:01.245		64.3		6.48		TAS		17.2	1.30	m_e mb	5.1
GRA1	65.52		P	10:31:08.687		64.3		6.48		TAS		25.1	1.14	m_e mb	5.3
GTTG	65.43		P	10:31:07.823		64.3		6.48		TAS		23.4	1.04	m_e mb	5.3
IBBN	66.32		P	10:31:13.051		64.3		6.48		TAS		15.7	0.94	m_e mb	5.2
MOX	64.88		P	10:31:03.967		64.3		6.48		TAS		8.3	1.06	m_e mb	4.9
NEUB	64.56		P	10:31:01.576	0.7	64.3		6.48		TAS		12.7	0.76	m_e mb	5.2
TANN	64.49		P	10:31:02.105		64.3		6.48		TAS		7.8	1.04	m_e mb	4.9
UBR	67.08		P	10:31:18.504		64.3		6.48		TAS		10.8	0.90	m_e mb	5.1
WET	64.78		P	10:31:03.754		64.3		6.48		TAS		14.2	1.29	m_e mb	5.0
WLF	68.45		P	10:31:27.557		64.3		6.48		TAS		25.8	1.06	m_e mb	5.4

Event 20112002 Coral Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/12	13:16:21.60		-6.6010	147.3810				80.0				22		121.39	126.13	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
AHRW	125.11		PKPdf	13:35:12.541		55.3		1.89		TAS				m_e	
ASSE	122.36		PKPdf	13:35:07.262	0.1	55.3		1.89		TAS				m_e	
BFO	125.83		PKPdf	13:35:13.808		55.3		1.89		TAS				m_e	
BRG	121.39		PKPdf	13:35:05.567	-0.2	55.3		1.89		TAS				m_e	

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BSEG	121.44	PKPdf	13:35:05.666	0.1	55.3	1.89	TAS	m_e
BUG	124.45	PKPdf	13:35:11.394		55.3	1.89	TAS	m_e
CLL	121.65	PKPdf	13:35:06.134	-0.0	55.3	1.89	TAS	m_e
CLZ	122.68	PKPdf	13:35:07.906		55.3	1.89	TAS	m_e
FLT1	121.96	PKPdf	13:35:06.482	0.1	55.3	1.89	TAS	m_e
FUR	124.32	PKPdf	13:35:10.950		55.3	1.89	TAS	m_e
GEC2	122.60	PKPdf	13:35:07.878		55.3	1.89	TAS	m_e
GRA1	123.50	PKPdf	13:35:09.578		55.3	1.89	TAS	m_e
GTTG	123.06	PKPdf	13:35:08.493		55.3	1.89	TAS	m_e
IBBN	123.66	PKPdf	13:35:09.926		55.3	1.89	TAS	m_e
KAST	124.04	PKPdf	13:35:10.554		55.3	1.89	TAS	m_e
MOX	122.74	PKPdf	13:35:07.991	0.1	55.3	1.89	TAS	m_e
NEUB	122.35	PKPdf	13:35:07.383		55.3	1.89	TAS	m_e
STU	125.11	PKPdf	13:35:12.734		55.3	1.89	TAS	m_e
TANN	122.43	PKPdf	13:35:07.355		55.3	1.89	TAS	m_e
UBR	125.25	PKPdf	13:35:12.631		55.3	1.89	TAS	m_e
WET	122.90	PKPdf	13:35:08.619		55.3	1.89	TAS	m_e
WLF	126.13	PKPdf	13:35:14.619		55.3	1.89	TAS	m_e

Event 20112003 South of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/12	14:28:10.89			51.1680	-163.6070				33.0					79.29	79.29	m i ke	BGR
OrigID																	
20112009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20112009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.29		P	14:40:12.165		354.6		4.97		TAS		7.1	0.87	m_e mb	4.7

Event 20113001 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/13	01:46:03.40			51.7840	178.8310				33.0				14	74.08	79.80	m i ke	BGR
OrigID																	
20113007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20113007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.68		P	01:57:56.033	-0.0	7.8		5.55		TAS		16.8	0.89	m_e mb	5.2
BFO	79.80		P	01:58:07.437		7.8		5.55		TAS		6.4	0.94	m_e mb	4.5

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BRG	76.79	P	01:57:50.890	0.3	7.8	5.55	TAS	4.4	0.68	m_e	mb	4.7
BSEG	74.08	P	01:57:35.672	-0.0	7.8	5.55	TAS	21.1	0.89	m_e	mb	5.2
BUG	76.77	P	01:57:50.761	0.4	7.8	5.55	TAS	10.1	0.67	m_e	mb	5.1
CLL	76.45	P	01:57:48.900	0.1	7.8	5.55	TAS	5.3	0.68	m_e	mb	4.8
CLZ	76.16	P	01:57:47.303	-0.3	7.8	5.55	TAS	15.4	0.83	m_e	mb	5.2
FLT1	75.60	P	01:57:44.047	0.7	7.8	5.55	TAS	11.3	0.78	m_e	mb	5.1
FUR	79.73	P	01:58:06.901		7.8	5.55	TAS	21.6	1.10	m_e	mb	5.0
GEC2	78.82	P	01:58:02.253		7.8	5.55	TAS			m_e		
GRA1	78.22	P	01:57:58.811	0.0	7.8	5.55	TAS	13.3	0.83	m_e	mb	5.1
GTTG	76.48	P	01:57:49.037	0.4	7.8	5.55	TAS	8.1	0.81	m_e	mb	4.9
IBBN	75.88	P	01:57:45.736	-0.3	7.8	5.55	TAS	28.5	0.77	m_e	mb	5.5
KAST	76.94	P	01:57:51.537	0.4	7.8	5.55	TAS	5.5	0.79	m_e	mb	4.7
MOX	77.24	P	01:57:53.177	0.4	7.8	5.55	TAS	5.5	0.68	m_e	mb	4.8
STU	79.30	P	01:58:04.783		7.8	5.55	TAS	20.4	0.93	m_e	mb	5.1
TANN	77.39	P	01:57:54.374	-0.2	7.8	5.55	TAS	3.4	0.65	m_e	mb	4.6
WET	78.60	P	01:58:01.049		7.8	5.55	TAS	3.4	0.93	m_e	mb	4.4
WLF	78.60	P	01:58:01.350		7.8	5.55	TAS	10.5	0.89	m_e	mb	4.9

Event 20113002 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/13	05:47:14.40			51.6080	-178.2680				33.0					78.62	78.62	m i ke	BGR
OrigID 20113008																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 20113008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	78.62		P	05:59:12.016		7.3		4.70		TAS		10.7	0.84	m_e	mb	4.9

Event 20113004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2022/01/13	12:14:01.76	0.35	0.62	51.5300	16.2150	4.4	2.2	12	1.0				17	202	0.69	3.67	m i ki	BGR
OrigID 20113010																		

Magnitude Err Nsta Author OrigID
 ML 4.0 BGR 20113010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
BRG	1.57		Sg	12:14:51.604	-0.1					T__				m_e			
BRG	1.57		Pn	12:14:29.271	-0.7					T__				m_e	ML	3.9	
BRG	1.57		Pg	12:14:30.981	-0.4					T__				m_e			

CLL	2.02	Sg	12:15:05.996	-0.0	T__	m_e													
CLL	2.02	Pn	12:14:35.235	-0.8	T__	m_e	ML	3.9											
CLL	2.02	Pg	12:14:39.068	-0.8	T__	m_e													
CLZ	3.65	Pn	12:14:59.194	1.3	T__	m_e													
CLZ	3.65	Pg	12:15:09.974	-0.5	T__	m_e													
DPC	1.18	Pg	12:14:23.956	-0.0	T__	m_e	ML	4.3											
FBE	1.90	Sn	12:14:58.063	0.5	T__	m_e													
FBE	1.90	Pn	12:14:32.277	-2.0	T__	m_e	ML	3.8											
GEC2	3.13	Sg	12:15:41.392	0.1	T__	m_e													
GEC2	3.13	Pn	12:14:51.466	0.5	T__	m_e	ML	4.2											
GEC2	3.13	Pg	12:15:00.077	-0.7	T__	m_e													
GRA1	3.67	Sg	12:15:59.027	0.7	T__	m_e													
GRA1	3.67	Pn	12:14:59.299	1.0	T__	m_e	ML	4.5											
GRA1	3.67	Pg	12:15:11.768	0.8	T__	m_e													
KSP	0.69	Sg	12:14:23.492	-0.2	T__	m_e													
KSP	0.69	Pg	12:14:15.188	0.4	T__	m_e													
MANZ	3.03	Sg	12:15:38.348	0.4	T__	m_e													
MANZ	3.03	Pn	12:14:50.273	0.7	T__	m_e	ML	4.2											
MANZ	3.03	Pg	12:14:58.839	0.0	T__	m_e													
MORC	1.95	Pn	12:14:35.351	0.4	T__	m_e													
MOX	3.03	Sg	12:15:38.319	0.3	T__	m_e													
MOX	3.03	Pn	12:14:49.826	0.2	T__	m_e	ML	4.4											
MOX	3.03	Pg	12:14:58.316	-0.6	T__	m_e													
OJC	2.62	Pn	12:14:43.689	-0.4	T__	m_e													
OJC	2.62	Pg	12:14:51.213	0.1	T__	m_e													
OKC	2.09	Sg	12:15:07.964	-0.2	T__	m_e													
OKC	2.09	Pn	12:14:36.946	0.0	T__	m_e	ML	3.5											
ROTZ	3.10	Sg	12:15:38.992	-1.2	T__	m_e													
ROTZ	3.10	Pn	12:14:51.053	0.5	T__	m_e	ML	4.0											
ROTZ	3.10	Pg	12:15:00.151	-0.0	T__	m_e													
TANN	2.62	Pn	12:14:44.620	0.5	T__	m_e													
TANN	2.62	Pg	12:14:50.963	-0.2	T__	m_e													
WERD	2.69	Sg	12:15:27.629	0.2	T__	m_e													
WERD	2.69	Pn	12:14:45.404	0.3	T__	m_e	ML	3.8											
WERD	2.69	Pg	12:14:52.169	-0.4	T__	m_e													
WET	3.20	Sg	12:15:43.500	-0.0	T__	m_e													
WET	3.20	Pn	12:14:52.374	0.4	T__	m_e	ML	4.0											

Event 20114004 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/14	09:05:50.36			-5.8200	103.8800				40.0				17	94.45	98.03	m i ke	BGR
20114010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20114010

Ms 6.3 BGR 20114010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	96.54		P	09:19:15.389	0.1	90.5		4.36		TAS		62.0	1.84	m_e mb	5.9
BFO	98.03		P	09:19:22.042		90.5		4.36		TAS		31.8	1.76	m_e mb	5.8
BRG	94.45		P	09:19:06.568	0.5	90.5		4.36		TAS		21.0	1.05	m_e mb	5.4
BRG	94.45		PP	09:22:59.232	0.3	89.8		7.44		TAS				m_e	
BSEG	96.78		P	09:19:16.510	0.0	90.5		4.36		TAS		42.7	1.48	m_e mb	5.9
CLL	95.07		P	09:19:08.767	0.0	90.5		4.36		TAS				m_e	
CLL	95.07		PP	09:23:03.160	0.1	89.8		7.44		TAS				m_e	
CLZ	96.73		P	09:19:16.492	-0.4	90.5		4.36		TAS				m_e	
GEC2	94.49		P	09:19:06.938		90.5		4.36		TAS		15.7	0.73	m_e mb	5.4
GEC2	94.49		PP	09:22:59.572	-0.1	89.8		7.44		TAS				m_e	
GOR1	96.17		P	09:19:13.773	-0.1	90.5		4.36		TAS				m_e	
GRA1	96.15		P	09:19:14.446		90.5		4.36		TAS		19.6	0.93	m_e mb	5.6
GRA1	96.15		L	10:11:35.393						T__		14334.9	20.40	a_e Ms	6.4
GTTG	96.98		P	09:19:17.577	0.2	90.5		4.36		TAS				m_e	
KAST	97.95		P	09:19:21.985	0.1	90.5		4.36		TAS		15.1	1.43	m_e mb	5.5
MOX	95.92		P	09:19:13.036	0.1	90.5		4.36		TAS		37.1	1.66	m_e mb	5.7
MOX	95.92		PP	09:23:10.077		89.8		7.44		TAS				m_e	
MOX	95.92		L	10:08:21.616						T__		10383.0	21.80	a_e Ms	6.3
NEUB	95.84		P	09:19:12.425	-0.0	90.5		4.36		TAS				m_e	
RETH	97.35		P	09:19:19.114	0.1	90.5		4.36		TAS				m_e	
TANN	95.37		P	09:19:10.551	-0.3	90.5		4.36		TAS		18.1	1.36	m_e mb	5.3
UBR	96.84		P	09:19:17.021		90.5		4.36		TAS		13.4	1.14	m_e mb	5.5
WET	95.04		P	09:19:09.360		90.5		4.36		TAS		15.7	0.92	m_e mb	5.4
WET	95.04		PP	09:23:03.742	-0.3	89.8		7.44		TAS				m_e	

Event 20114005 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/14	16:12:48.14			34.9680	72.0760				33.0			22		44.24	49.33	m i ke	BGR
OrigID 20114011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	20114011
Ms	4.1		BGR	20114011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.61		P	16:21:27.259	0.1	84.7		7.88		TAS		67.8	0.89	m_e mb	5.7
BFO	48.11		P	16:21:23.077	0.2	84.7		7.88		TAS		36.6	0.97	m_e mb	5.5
BRG	44.24		P	16:20:52.805	-0.0	84.7		7.88		TAS		91.5	0.77	m_e mb	5.6
BSEG	46.35		P	16:21:09.305	0.8	84.7		7.88		TAS		101.2	0.73	m_e mb	5.9
BUG	48.38		P	16:21:25.259	-0.6	84.7		7.88		TAS		96.5	0.98	m_e mb	5.9
CLL	44.82		P	16:20:56.851	-0.3	84.7		7.88		TAS		62.3	0.87	m_e mb	5.5
CLZ	46.42		P	16:21:09.987	0.1	84.7		7.88		TAS		106.0	1.06	m_e mb	5.8

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FLT1	45.86	P	16:21:04.850	-0.5	84.7	7.88	TAS	173.3	0.61	m_e	mb	6.2
GEC2	44.52	P	16:20:55.260	-0.4	84.7	7.88	TAS	43.1	1.21	m_e	mb	5.2
GOR1	45.79	P	16:21:04.987	0.4	84.7	7.88	TAS	209.5	1.27	m_e	mb	6.0
GRA1	46.06	P	16:21:08.259	0.2	84.7	7.88	TAS	265.5	1.52	m_e	mb	6.0
GRA1	46.06	L	16:41:17.226				T__	251.7	19.10	a_e	Ms	4.2
GTTG	46.70	P	16:21:12.305	-0.2	84.7	7.88	TAS	132.6	0.81	m_e	mb	6.1
IBBN	47.99	P	16:21:21.986	-0.1	84.7	7.88	TAS	141.3	0.89	m_e	mb	6.1
KAST	47.69	P	16:21:19.759	-0.2	84.7	7.88	TAS	24.2	1.06	m_e	mb	5.3
MOX	45.73	P	16:21:04.669	-0.2	84.7	7.88	TAS	73.2	1.03	m_e	mb	5.7
MOX	45.73	L	16:37:36.075				T__	178.0	22.00	a_e	Ms	4.0
NEUB	45.59	P	16:21:03.350	-0.1	84.7	7.88	TAS	119.3	0.88	m_e	mb	5.9
RETH	46.98	P	16:21:14.214	0.2	84.7	7.88	TAS	62.4	1.12	m_e	mb	5.6
RUE	44.30	P	16:20:52.442	-0.6	84.7	7.88	TAS	139.7	0.92	m_e	mb	5.7
TANN	45.21	P	16:21:00.714	0.1	84.7	7.88	TAS	59.3	1.08	m_e	mb	5.4
UBR	47.03	P	16:21:14.944		84.7	7.88	TAS	80.4	0.84	m_e	mb	5.9
WET	45.03	P	16:20:59.441	0.1	84.7	7.88	TAS	17.0	0.87	m_e	mb	5.0
WLF	49.33	P	16:21:33.213	0.9	84.7	7.88	TAS	122.2	0.84	m_e	mb	6.0

Event 20115001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/14	23:42:18.31			-18.6710	-177.9430				33.0			13		144.14	149.89	m i ke	BGR
20115007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.89		PKPbc	00:02:05.540		16.6		2.77		TAS				m_e	
BRG	146.43		PKPbc	00:01:56.724		16.6		2.77		TAS				m_e	
BSEG	144.14		PKPbc	00:01:49.439	-0.8	16.6		2.77		TAS				m_e	
CLL	146.22		PKPbc	00:01:56.000	0.1	16.6		2.77		TAS				m_e	
CLZ	146.17		PKPbc	00:01:56.121	0.2	16.6		2.77		TAS				m_e	
FLT1	145.56		PKPbc	00:01:53.746	0.1	16.6		2.77		TAS				m_e	
GEC2	148.38		PKPbc	00:02:01.981		16.6		2.77		TAS				m_e	
GTTG	146.52		PKPbc	00:01:57.046	0.1	16.6		2.77		TAS				m_e	
IBBN	146.05		PKPbc	00:01:56.523	0.2	16.6		2.77		TAS				m_e	
KAST	147.06		PKPbc	00:01:58.375	-0.1	16.6		2.77		TAS				m_e	
NEUB	146.56		PKPbc	00:01:57.046	-0.7	16.6		2.77		TAS				m_e	
TANN	147.18		PKPbc	00:01:58.898		16.6		2.77		TAS				m_e	
WLF	148.81		PKPbc	00:02:03.688		16.6		2.77		TAS				m_e	

Event 20115003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2022/01/15 04:14:58.06 -21.9950 -176.3410 0.0 16 147.63 153.77 m i ke BGR
 20115009

Magnitude Err Nsta Author OrigID
 Ms 5.9 BGR 20115009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	153.37		PKPbc	04:34:57.792		14.9		2.41		TAS				m_e	
BSEG	147.63		PKPbc	04:34:43.285	1.1	14.9		2.41		TAS				m_e	
CLL	149.77		PKPbc	04:34:48.382	0.4	14.9		2.41		TAS				m_e	
CLZ	149.67		PKPbc	04:34:48.465	0.3	14.9		2.41		TAS				m_e	
FLT1	149.07		PKPbc	04:34:48.312	0.1	14.9		2.41		TAS				m_e	
FUR	153.10		PKPbc	04:34:56.464		14.9		2.41		TAS				m_e	
GEC2	151.96		PKPbc	04:34:54.580		14.9		2.41		TAS				m_e	
GRA1	151.64		PKPbc	04:34:54.172		14.9		2.41		TAS				m_e	
GRA1	151.64		L	05:44:59.300						T__		1938.4	21.60	a_e Ms	5.9
KAST	150.52		PKPbc	04:34:50.284		14.9		2.41		TAS				m_e	
MOX	150.65		L	05:58:43.910						T__		2432.1	21.90	a_e Ms	6.0
MULD	150.74		PKPbc	04:34:51.326		14.9		2.41		TAS				m_e	
ROTZ	151.39		PKPbc	04:34:52.837		14.9		2.41		TAS				m_e	
TANN	150.72		PKPbc	04:34:51.674		14.9		2.41		TAS				m_e	
UBR	153.77		PKPbc	04:34:58.469		14.9		2.41		TAS				m_e	
WET	151.85		PKPbc	04:34:53.674		14.9		2.41		TAS				m_e	
WLF	152.22		PKPbc	04:34:55.622		14.9		2.41		TAS				m_e	
WTTA			PKPbc	04:34:58.518		14.9		2.41		TAS				m_e	

Event 20116001 Eastern Caroline Islands, Micronesia, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/01/16 05:17:59.00 -13.2800 167.1700 200.0 21 135.43 140.83 m i ke EMSC
 20116037

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	136.84		PKPdf	05:36:58.113	-0.2	36.4		1.78		TAS				m_e	
ASSE	136.84		SKPdf	05:40:15.287	0.3	35.7		2.75		TAS				m_e	
BFO	140.83		SKPdf	05:40:25.746		35.7		2.75		TAS				m_e	
BRG	136.61		PKPdf	05:36:57.526	0.0	36.4		1.78		TAS				m_e	
BRG	136.61		SKPdf	05:40:14.581	0.2	35.7		2.75		TAS				m_e	
BUG	138.54		PKPdf	05:37:00.931	-0.1	36.4		1.78		TAS				m_e	
CLL	136.64		PKPdf	05:36:57.467	-0.1	36.4		1.78		TAS				m_e	
CLL	136.64		SKPdf	05:40:14.439	0.1	35.7		2.75		TAS				m_e	
CLZ	137.18		PKPdf	05:36:58.862	-0.2	36.4		1.78		TAS				m_e	
CLZ	137.18		SKPdf	05:40:16.371	-0.2	35.7		2.75		TAS				m_e	

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FLT1	136.47	PKPdf	05:36:57.174	0.2	36.4	1.78	TAS	m_e
FLT1	136.47	SKPdf	05:40:13.921	0.0	35.7	2.75	TAS	m_e
GEC2	138.27	PKPdf	05:37:00.579		36.4	1.78	TAS	m_e
GEC2	138.27	SKPdf	05:40:19.433	0.0	35.7	2.75	TAS	m_e
GRA1	138.62	PKPdf	05:37:01.107		36.4	1.78	TAS	m_e
GRA1	138.62	SKPdf	05:40:20.423		35.7	2.75	TAS	m_e
GTTG	137.56	PKPdf	05:36:59.522	0.2	36.4	1.78	TAS	m_e
GTTG	137.56	SKPdf	05:40:17.596	0.2	35.7	2.75	TAS	m_e
IBBN	137.64	PKPdf	05:36:59.463	0.2	36.4	1.78	TAS	m_e
IBBN	137.64	SKPdf	05:40:17.360	0.1	35.7	2.75	TAS	m_e
KAST	138.38	PKPdf	05:37:00.990	0.1	36.4	1.78	TAS	m_e
KAST	138.38	SKPdf	05:40:19.622	-0.4	35.7	2.75	TAS	m_e
MOX	137.70	PKPdf	05:36:59.463	-0.0	36.4	1.78	TAS	m_e
MOX	137.70	SKPdf	05:40:17.690	0.3	35.7	2.75	TAS	m_e
NEUB	137.20	SKPdf	05:40:16.324	0.1	35.7	2.75	TAS	m_e
RETH	136.77	PKPdf	05:36:57.878	-0.2	36.4	1.78	TAS	m_e
RETH	136.77	SKPdf	05:40:14.910	0.2	35.7	2.75	TAS	m_e
RUE	135.43	PKPdf	05:36:55.472	0.1	36.4	1.78	TAS	m_e
STU	140.14	PKPdf	05:37:03.983		36.4	1.78	TAS	m_e
STU	140.14	SKPdf	05:40:24.333		35.7	2.75	TAS	m_e
TANN	137.56	PKPdf	05:36:59.405	-0.1	36.4	1.78	TAS	m_e
TANN	137.56	SKPdf	05:40:17.407	0.1	35.7	2.75	TAS	m_e
UBR	140.67	PKPdf	05:37:04.688		36.4	1.78	TAS	m_e
UBR	140.67	SKPdf	05:40:25.443		35.7	2.75	TAS	m_e
WET	138.38	PKPdf	05:37:00.813		36.4	1.78	TAS	m_e
WET	138.38	SKPdf	05:40:19.857	0.5	35.7	2.75	TAS	m_e
WLF	140.44	SKPdf	05:40:25.699		35.7	2.75	TAS	m_e

Event 20116002 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/16	08:15:35.49		23.2060	122.4500				33.0				18		83.17	88.05	m i ke	BGR
20116008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20116008
Ms	4.6		BGR	20116008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.07		P	08:28:17.100	0.3	59.3		5.00		TAS		25.4	1.18	m_e mb	5.2
BFO	87.60		P	08:28:19.218		59.3		5.00		TAS		64.3	1.85	m_e mb	5.6
BRG	83.17		P	08:27:57.208	0.1	59.3		5.00		TAS		21.7	1.39	m_e mb	5.2
BUG	86.47		P	08:28:14.061	-0.4	59.3		5.00		TAS		59.2	1.19	m_e mb	5.6
CLL	83.48		P	08:27:58.590	-0.1	59.3		5.00		TAS		42.6	1.53	m_e mb	5.4
CLZ	84.62		P	08:28:05.128	0.1	59.3		5.00		TAS		60.7	1.38	m_e mb	5.6
FUR	86.02		P	08:28:12.311		59.3		5.00		TAS		83.8	0.96	m_e mb	5.8

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GEC2	84.28	P	08:28:03.256	-0.2	59.3	5.00	TAS	36.7	0.95	m_e	mb	5.6
GRA1	85.27	P	08:28:08.536	-0.6	59.3	5.00	TAS	82.1	1.42	m_e	mb	5.8
GRA1	85.27	L	09:09:37.182				T__	262.3	20.60	a_e	Ms	4.6
GTTG	84.99	P	08:28:06.970	-0.0	59.3	5.00	TAS	23.1	0.90	m_e	mb	5.4
KAST	86.00	P	08:28:11.851	-0.0	59.3	5.00	TAS	38.1	1.32	m_e	mb	5.4
MOX	84.56	P	08:28:04.484	0.5	59.3	5.00	TAS	20.7	1.11	m_e	mb	5.3
MOX	84.56	L	09:11:15.780				T__	273.2	20.40	a_e	Ms	4.6
NEUB	84.20	P	08:28:02.734	-0.1	59.3	5.00	TAS	37.7	0.93	m_e	mb	5.6
STU	86.88	P	08:28:15.903		59.3	5.00	TAS	252.0	1.94	m_e	mb	6.0
TANN	84.21	P	08:28:02.734	0.1	59.3	5.00	TAS	21.6	1.19	m_e	mb	5.3
UBR	86.94	P	08:28:16.271		59.3	5.00	TAS	33.7	1.15	m_e	mb	5.4
WET	84.61	P	08:28:05.128	0.5	59.3	5.00	TAS	38.9	1.40	m_e	mb	5.4
WLF	88.05	P	08:28:22.165	-0.3	59.3	5.00	TAS	58.6	1.00	m_e	mb	5.9

Event 20116003 Eastern Caroline Islands, Micronesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/16	12:52:10.70			-6.4300	154.8000				409.0			23		124.05	129.44	m i ke	EMSC
	20116039																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	128.40		PKPdf	13:10:30.308	-0.0	48.6		1.95		TAS					m_e
ASSE	125.69		PKPdf	13:10:24.942	-0.0	48.6		1.95		TAS					m_e
BRG	125.02		PKPdf	13:10:23.660	0.1	48.6		1.95		TAS					m_e
BUG	127.65		PKPdf	13:10:28.598	-0.3	48.6		1.95		TAS					m_e
CLL	125.19		PKPdf	13:10:23.660	-0.2	48.6		1.95		TAS					m_e
CLZ	126.02		PKPdf	13:10:25.844	0.2	48.6		1.95		TAS					m_e
FLT1	125.30		PKPdf	13:10:23.945	-0.3	48.6		1.95		TAS					m_e
FUR	128.11		PKPdf	13:10:29.501	-0.1	48.6		1.95		TAS					m_e
GEC2	126.44		PKPdf	13:10:26.322	0.0	48.6		1.95		TAS					m_e
GOR1	124.81		PKPdf	13:10:23.518	0.2	48.6		1.95		TAS					m_e
GRA1	127.11		PKPdf	13:10:27.696	0.1	48.6		1.95		TAS					m_e
GTTG	126.41		PKPdf	13:10:26.509	0.1	48.6		1.95		TAS					m_e
IBBN	126.80		PKPdf	13:10:27.126	-0.2	48.6		1.95		TAS					m_e
KAST	127.33		PKPdf	13:10:28.171	-0.1	48.6		1.95		TAS					m_e
MOX	126.28		PKPdf	13:10:26.082	0.0	48.6		1.95		TAS					m_e
NEUB	125.84		PKPdf	13:10:25.037	-0.1	48.6		1.95		TAS					m_e
RETH	125.82		PKPdf	13:10:25.322	-0.0	48.6		1.95		TAS					m_e
RUE	124.05		PKPdf	13:10:21.761	0.1	48.6		1.95		TAS					m_e
STU	128.71		PKPdf	13:10:30.688	-0.1	48.6		1.95		TAS					m_e
TANN	126.03		PKPdf	13:10:25.672	0.1	48.6		1.95		TAS					m_e
UBR	129.02		PKPdf	13:10:31.020	-0.3	48.6		1.95		TAS					m_e
WET	126.66		PKPdf	13:10:26.936	0.2	48.6		1.95		TAS					m_e
WLF	129.44		PKPdf	13:10:32.872		48.6		1.95		TAS					m_e

Event 20117001 Northwestern Afghanistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/17	11:40:08.62			34.5990	64.3640				40.0			15		39.60	44.58	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20117007
Ms	4.5		BGR	20117007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	43.22		P	11:48:02.040		90.8		8.21		TAS		12.0	1.13	m_e mb	4.5
BRG	39.60		P	11:47:33.979	-0.8	90.8		8.21		TAS		10.8	0.87	m_e mb	4.5
BSEG	42.05		P	11:47:54.309	0.5	90.8		8.21		TAS		28.3	0.89	m_e mb	5.0
CLZ	41.89		P	11:47:52.782	0.1	90.8		8.21		TAS		15.1	0.95	m_e mb	4.7
FLT1	41.38		P	11:47:48.105	-0.1	90.8		8.21		TAS		25.4	0.76	m_e mb	5.0
GEC2	39.65		P	11:47:33.597		90.8		8.21		TAS		7.9	0.95	m_e mb	4.3
GRA1	41.29		P	11:47:49.536		90.8		8.21		TAS				m_e	
GRA1	41.29		L	12:08:22.509						T__		738.8	19.50	a_e Ms	4.6
GTTG	42.13		P	11:47:54.691	0.1	90.8		8.21		TAS		30.3	1.13	m_e mb	4.9
IBBN	43.51		P	11:48:05.953	-0.1	90.8		8.21		TAS		22.1	1.04	m_e mb	4.8
MOX	41.06		P	11:47:46.100	-0.2	90.8		8.21		TAS		38.9	1.30	m_e mb	5.0
MOX	41.06		L	12:09:00.300						T__		669.0	19.40	a_e Ms	4.5
RUE	39.84		P	11:47:35.315	-0.5	90.8		8.21		TAS		55.1	0.94	m_e mb	5.2
STU	42.63		P	11:47:58.127		90.8		8.21		TAS		75.3	0.89	m_e mb	5.4
TANN	40.51		P	11:47:41.561		90.8		8.21		TAS		18.1	1.24	m_e mb	4.7
UBR	42.06		P	11:47:52.686		90.8		8.21		TAS		22.6	0.81	m_e mb	5.0
WLF	44.58		P	11:48:14.925		90.8		8.21		TAS		20.6	0.92	m_e mb	5.0

Event 20117002 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/17	15:04:50.70			44.2160	94.6070				33.0			25		51.64	57.20	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20117008
Ms	4.2		BGR	20117008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	56.24		P	15:14:26.583	0.2	61.4		7.29		TAS		89.9	1.33	m_e mb	5.6
BFO	56.67		P	15:14:28.802	-0.9	61.4		7.29		TAS		33.2	0.93	m_e mb	5.3

BRG	52.25	P	15:13:57.036	-0.4	61.4	7.29	TAS	54.9	1.00	m_e	mb	5.4
BSEG	52.88	P	15:14:01.954	0.7	61.4	7.29	TAS	92.1	0.91	m_e	mb	5.7
BUG	55.69	P	15:14:22.244	0.1	61.4	7.29	TAS	78.2	0.90	m_e	mb	5.7
CLL	52.58	P	15:13:59.322	-0.5	61.4	7.29	TAS	86.4	0.84	m_e	mb	5.7
CLZ	53.80	P	15:14:08.640	0.1	61.4	7.29	TAS	60.0	0.97	m_e	mb	5.6
FLT1	53.10	P	15:14:02.712	-0.7	61.4	7.29	TAS	62.5	0.85	m_e	mb	5.6
FUR	55.05	P	15:14:18.700	0.9	61.4	7.29	TAS	107.3	1.09	m_e	mb	5.8
GEC2	53.31	P	15:14:05.362	0.3	61.4	7.29	TAS	34.9	1.26	m_e	mb	5.1
GOR1	52.77	P	15:14:01.213	0.4	61.4	7.29	TAS	114.3	1.13	m_e	mb	5.7
GRA1	54.34	P	15:14:13.227	0.5	61.4	7.29	TAS	113.4	0.93	m_e	mb	5.9
GRA1	54.34	L	15:40:22.258				T__	284.4	18.60	a_e	Ms	4.4
GTTG	54.16	P	15:14:11.432	0.2	61.4	7.29	TAS	140.1	0.88	m_e	mb	6.0
IBBN	55.00	P	15:14:16.896	-0.1	61.4	7.29	TAS	78.5	0.96	m_e	mb	5.7
KAST	55.18	P	15:14:18.427	-0.2	61.4	7.29	TAS	28.6	0.93	m_e	mb	5.3
MOX	53.67	P	15:14:07.582	-0.2	61.4	7.29	TAS	52.8	0.98	m_e	mb	5.5
MOX	53.67	L	15:35:51.151				T__	140.9	21.80	a_e	Ms	4.0
NEUB	53.32	P	15:14:04.790	-0.4	61.4	7.29	TAS	67.4	0.85	m_e	mb	5.6
RETH	53.93	P	15:14:09.629	0.4	61.4	7.29	TAS	60.2	1.09	m_e	mb	5.5
RUE	51.64	P	15:13:52.642	-0.2	61.4	7.29	TAS	119.3	0.89	m_e	mb	5.8
STU	55.95	P	15:14:24.252	-0.2	61.4	7.29	TAS	91.8	0.93	m_e	mb	5.8
TANN	53.30	P	15:14:04.982	-0.1	61.4	7.29	TAS	49.3	1.01	m_e	mb	5.4
TNS	55.64	P	15:14:21.886	-0.2	61.4	7.29	TAS	39.4	1.05	m_e	mb	5.4
UBR	55.97	P	15:14:24.659	0.1	61.4	7.29	TAS	81.6	1.08	m_e	mb	5.7
WET	53.65	P	15:14:07.774	0.2	61.4	7.29	TAS	38.8	0.97	m_e	mb	5.4
WLF	57.20	P	15:14:33.453	-0.0	61.4	7.29	TAS	23.6	0.93	m_e	mb	5.2

Event 20118002 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/18	19:10:00.79			20.2130	122.8680				200.0			14		85.14	90.71	m i ke	BGR
	20118008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	20118008
Ms	4.8		BGR	20118008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	85.78		P	19:22:16.494	-0.7	60.8		4.73		TAS		20.9	1.05	m_e	mb	5.2
BSEG	86.27		P	19:22:19.254	-0.0	60.8		4.73		TAS		38.9	0.86	m_e	mb	5.6
BUG	89.15		P	19:22:32.528	0.1	60.8		4.73		TAS				m_e		
CLL	86.11		P	19:22:17.808	-0.0	60.8		4.73		TAS		25.7	1.01	m_e	mb	5.3
CLZ	87.29		P	19:22:24.445	-0.2	60.8		4.73		TAS		29.7	1.17	m_e	mb	5.3
FLT1	86.58		P	19:22:20.108	-0.4	60.8		4.73		TAS		16.6	0.80	m_e	mb	5.2
GEC2	86.86		P	19:22:21.948		60.8		4.73		TAS		6.3	0.88	m_e	mb	4.8
GOR1	86.22		P	19:22:19.212	0.3	60.8		4.73		TAS		49.2	1.07	m_e	mb	5.6
GRA1	87.88		L	19:35:16.510						T__		341.8	20.90	a_e	Ms	4.7

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IBBN	88.43	P	19:22:29.242	-0.2	60.8	4.73	TAS	18.1	0.72	m_e	mb	5.5
MOX	87.19	L	19:43:47.420				T__	396.1	20.20	a_e	Ms	4.8
NEUB	86.84	P	19:22:21.751	0.6	60.8	4.73	TAS	19.7	0.90	m_e	mb	5.2
RETH	87.37	P	19:22:24.379	-0.0	60.8	4.73	TAS	30.5	1.17	m_e	mb	5.3
RUE	85.14	P	19:22:13.471	-0.2	60.8	4.73	TAS	55.1	0.75	m_e	mb	5.9
UBR	89.52	P	19:22:33.317		60.8	4.73	TAS	5.6	0.70	m_e	mb	4.9
WLF	90.71	P	19:22:40.480		60.8	4.73	TAS	23.9	0.91	m_e	mb	5.5

Event 20121001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/20	23:59:36.86			44.3100	147.9000				33.0			25		75.53	81.04	m i ke	BGR
OrigID 20121007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20121007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	79.46	P		00:11:41.289	0.1	30.3		5.51		TAS		29.0	0.83	m_e	mb	5.2
ASSE	76.99	P		00:11:27.231	0.4	30.3		5.51		TAS		34.6	1.03	m_e	mb	5.4
BFO	81.04	P		00:11:49.242		30.3		5.51		TAS		24.5	0.83	m_e	mb	5.3
BRG	77.02	P		00:11:27.419	-0.3	30.3		5.51		TAS		16.9	0.86	m_e	mb	5.2
BSEG	75.53	P		00:11:19.309	-0.1	30.3		5.51		TAS		82.8	0.88	m_e	mb	5.9
BUG	78.61	P		00:11:36.202	0.5	30.3		5.51		TAS		41.4	0.82	m_e	mb	5.5
CLL	76.96	P		00:11:27.006	-0.1	30.3		5.51		TAS		157.0	1.41	m_e	mb	6.0
CLZ	77.33	P		00:11:29.689	0.3	30.3		5.51		TAS		272.3	1.71	m_e	mb	6.1
FLT1	76.64	P		00:11:25.005	-0.2	30.3		5.51		TAS		72.0	0.90	m_e	mb	5.8
FUR	80.23	P		00:11:45.650	-0.6	30.3		5.51		TAS		72.0	0.93	m_e	mb	5.6
GEC2	78.82	P		00:11:37.559	0.4	30.3		5.51		TAS		22.4	1.02	m_e	mb	5.1
GOR1	76.05	P		00:11:22.639	0.1	30.3		5.51		TAS		130.8	1.31	m_e	mb	5.9
GRA1	78.93	P		00:11:38.515	0.2	30.3		5.51		TAS		84.4	0.91	m_e	mb	5.8
GTTG	77.71	P		00:11:31.721	-0.2	30.3		5.51		TAS		63.0	0.91	m_e	mb	5.7
IBBN	77.70	P		00:11:31.279	0.0	30.3		5.51		TAS		45.5	0.64	m_e	mb	5.8
KAST	78.48	P		00:11:35.835	0.1	30.3		5.51		TAS		27.2	0.72	m_e	mb	5.4
MOX	77.97	P		00:11:32.882	-0.1	30.3		5.51		TAS		36.7	1.21	m_e	mb	5.4
NEUB	77.45	P		00:11:29.739	-0.1	30.3		5.51		TAS		35.0	0.75	m_e	mb	5.6
RETH	76.85	P		00:11:26.783	-0.2	30.3		5.51		TAS		65.9	1.13	m_e	mb	5.7
RUE	75.71	P		00:11:20.231	0.4	30.3		5.51		TAS		86.9	0.90	m_e	mb	5.9
STU	80.38	P		00:11:46.248	-0.5	30.3		5.51		TAS		110.3	0.85	m_e	mb	5.8
TANN	77.90	P		00:11:32.254	0.2	30.3		5.51		TAS		9.7	0.79	m_e	mb	5.0
TNS	79.33	P		00:11:40.495	0.3	30.3		5.51		TAS		31.3	0.84	m_e	mb	5.4
UBR	81.04	P		00:11:49.327		30.3		5.51		TAS		14.0	0.94	m_e	mb	5.0
WET	78.85	P		00:11:38.169	0.1	30.3		5.51		TAS		41.6	0.84	m_e	mb	5.5

Event 20121004 Shikoku, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/21	16:08:33.14	0.30	0.42	32.2000	132.2900	3.3	2.2	145	41.9	5.3		27	106	80.02	85.43	m i ke	BGR
OrigID 20121010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20121010
Ms	6.9		BGR	20121010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.38		P	16:21:01.039	-0.3	46.8		5.25		TAS		37.9	0.88	m_e	mb	5.6
AHRW	84.38		PcP	16:21:05.946	0.1	45.9		5.19		TAS				m_e		
AHRW	84.38		pP	16:21:12.921	-0.7	46.7		5.29		TAS				m_e		
ASSE	81.66		P	16:20:46.909	-0.2	46.8		5.25		TAS		21.7	1.10	m_e	mb	5.2
ASSE	81.66		PcP	16:20:51.672	-0.1	45.9		5.19		TAS				m_e		
ASSE	81.66		pP	16:20:58.627	-0.6	46.7		5.29		TAS				m_e		
BFO	85.39		P	16:21:05.838	-0.9	46.8		5.25		TAS		50.0	1.25	m_e	mb	5.6
BFO	85.39		PcP	16:21:11.154	-0.2	45.9		5.19		TAS				m_e		
BFO	85.39		pP	16:21:19.382	0.4	46.7		5.29		TAS				m_e		
BRG	80.99		P	16:20:42.823	-0.8	46.8		5.25		TAS		34.6	1.31	m_e	mb	5.2
BRG	80.99		PcP	16:20:48.245	-0.3	45.9		5.19		TAS				m_e		
BRG	80.99		pP	16:20:55.298	-0.4	46.7		5.29		TAS				m_e		
BSEG	80.58		P	16:20:41.148	-0.2	46.8		5.25		TAS		41.8	1.16	m_e	mb	5.4
BSEG	80.58		PcP	16:20:46.006	0.1	45.9		5.19		TAS				m_e		
BSEG	80.58		pP	16:20:54.025	0.7	46.7		5.29		TAS				m_e		
BUG	83.65		P	16:20:57.497	0.0	46.8		5.25		TAS		37.1	1.20	m_e	mb	5.5
BUG	83.65		PcP	16:21:01.773	-0.2	45.9		5.19		TAS				m_e		
BUG	83.65		pP	16:21:09.786	0.1	46.7		5.29		TAS				m_e		
CLL	81.15		P	16:20:44.281	-0.1	46.8		5.25		TAS		53.8	0.86	m_e	mb	5.6
CLL	81.15		PcP	16:20:49.042	-0.2	45.9		5.19		TAS				m_e		
CLL	81.15		pP	16:20:56.865	0.3	46.7		5.29		TAS				m_e		
CLZ	81.99		P	16:20:49.483	0.7	46.8		5.25		TAS		58.4	0.96	m_e	mb	5.7
CLZ	81.99		pP	16:21:00.683	-0.3	46.7		5.29		TAS				m_e		
FLT1	81.27		P	16:20:44.868	-0.1	46.8		5.25		TAS		38.5	0.91	m_e	mb	5.4
FLT1	81.27		PcP	16:20:49.532	0.4	45.9		5.19		TAS				m_e		
FLT1	81.27		pP	16:20:56.277	-0.8	46.7		5.29		TAS				m_e		
FUR	84.10		P	16:21:00.337	0.4	46.8		5.25		TAS		45.2	0.96	m_e	mb	5.7
FUR	84.10		PcP	16:21:05.103	-0.2	45.9		5.19		TAS				m_e		
FUR	84.10		pP	16:21:11.648	-0.5	46.7		5.29		TAS				m_e		
GEC2	82.45		P	16:20:51.427	0.2	46.8		5.25		TAS		11.7	0.77	m_e	mb	5.2
GEC2	82.45		PcP	16:20:55.995	0.1	45.9		5.19		TAS				m_e		
GEC2	82.45		pP	16:21:03.718	0.3	46.7		5.29		TAS				m_e		
GOR1	80.79		P	16:20:42.529	0.1	46.8		5.25		TAS		35.6	1.03	m_e	mb	5.3
GOR1	80.79		PcP	16:20:47.266	-0.0	45.9		5.19		TAS				m_e		
GOR1	80.79		pP	16:20:54.319	-0.2	46.7		5.29		TAS				m_e		
GRA1	83.08		P	16:20:54.967	0.4	46.8		5.25		TAS		102.0	1.30	m_e	mb	5.9
GRA1	83.08		PcP	16:20:59.308	0.3	45.9		5.19		TAS				m_e		

GRA1	83.08	pP	16:21:06.361	-0.4	46.7	5.29	TAS							m_e	
GRA1	83.08	L	17:01:08.130				T__	60020.6	19.70	a_e	Ms	7.0			
GTTG	82.38	P	16:20:51.050	0.2	46.8	5.25	TAS	30.8	0.86	m_e	mb	5.5			
GTTG	82.38	PcP	16:20:55.799	-0.2	45.9	5.19	TAS							m_e	
GTTG	82.38	pP	16:21:03.424	0.4	46.7	5.29	TAS							m_e	
HLG	81.43	pP	16:20:59.019	1.2	46.7	5.29	TAS							m_e	
IBBN	82.82	P	16:20:53.190	-0.2	46.8	5.25	TAS	32.8	0.77	m_e	mb	5.6			
IBBN	82.82	PcP	16:20:57.366	0.1	45.9	5.19	TAS							m_e	
IBBN	82.82	pP	16:21:05.676	0.4	46.7	5.29	TAS							m_e	
KAST	83.31	P	16:20:55.594	-1.2	46.8	5.25	TAS	18.9	0.94	m_e	mb	5.3			
KAST	83.31	PcP	16:21:00.207	0.2	45.9	5.19	TAS							m_e	
KAST	83.31	pP	16:21:06.949	-1.0	46.7	5.29	TAS							m_e	
MOX	82.24	P	16:20:48.993	-0.0	46.8	5.25	TAS	16.8	1.04	m_e	mb	5.1			
MOX	82.24	PcP	16:20:55.000	0.3	45.9	5.19	TAS							m_e	
MOX	82.24	pP	16:21:02.641	0.3	46.7	5.29	TAS							m_e	
MOX	82.24	L	17:01:56.901				T__	40245.9	18.20	a_e	Ms	6.8			
NEUB	81.80	P	16:20:47.805	0.2	46.8	5.25	TAS	47.3	0.80	m_e	mb	5.7			
NEUB	81.80	PcP	16:20:52.763	0.1	45.9	5.19	TAS							m_e	
NEUB	81.80	pP	16:20:59.508	-0.4	46.7	5.29	TAS							m_e	
RETH	81.82	P	16:20:48.099	0.3	46.8	5.25	TAS	26.6	1.11	m_e	mb	5.3			
RETH	81.82	PcP	16:20:52.763	0.0	45.9	5.19	TAS							m_e	
RETH	81.82	pP	16:20:59.802	-0.2	46.7	5.29	TAS							m_e	
RUE	80.02	P	16:20:38.700	0.3	46.8	5.25	TAS	88.9	1.27	m_e	mb	5.5			
RUE	80.02	pP	16:20:49.940	0.3	46.7	5.29	TAS							m_e	
STU	84.67	P	16:21:02.882	0.5	46.8	5.25	TAS	73.0	0.90	m_e	mb	5.9			
STU	84.67	PcP	16:21:07.650	0.3	45.9	5.19	TAS							m_e	
STU	84.67	pP	16:21:15.492	0.5	46.7	5.29	TAS							m_e	
TANN	82.00	P	16:20:49.176	0.0	46.8	5.25	TAS	63.3	1.59	m_e	mb	5.5			
TANN	82.00	PcP	16:20:53.743	-0.1	45.9	5.19	TAS							m_e	
TANN	82.00	pP	16:21:01.492	0.3	46.7	5.29	TAS							m_e	
TNS	83.99	P	16:20:59.864	0.4	46.8	5.25	TAS	16.3	0.79	m_e	mb	5.3			
TNS	83.99	PcP	16:21:04.260		45.9	5.19	TAS							m_e	
TNS	83.99	pP	16:21:11.888	0.3	46.7	5.29	TAS							m_e	
UBR	85.00	P	16:21:04.663	0.2	46.8	5.25	TAS	35.8	1.30	m_e	mb	5.4			
UBR	85.00	PcP	16:21:09.098		45.9	5.19	TAS							m_e	
UBR	85.00	pP	16:21:17.177	0.9	46.7	5.29	TAS							m_e	
WET	82.65	P	16:20:52.715		46.8	5.25	TAS	15.0	0.98	m_e	mb	5.2			
WET	82.65	PcP	16:20:57.562		45.9	5.19	TAS							m_e	
WET	82.65	pP	16:21:05.424	-0.5	46.7	5.29	TAS							m_e	
WLF	85.43	P	16:21:07.092		46.8	5.25	TAS	45.9	1.20	m_e	mb	5.5			
WLF	85.43	PcP	16:21:11.175		45.9	5.19	TAS							m_e	
WLF	85.43	pP	16:21:18.625		46.7	5.29	TAS							m_e	

Event 20122002 Talaud Islands, Indonesia

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

2022/01/22 02:26:15.30
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Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	102.63		Pdiff	02:40:08.251	0.7	68.6		4.29		TAS					m_e
BE1	103.94		Pdiff	02:40:13.301	0.6	68.6		4.29		TAS					m_e
BERGE	105.83		Pdiff	02:40:21.693		68.6		4.29		TAS					m_e
BFO	105.55		Pdiff	02:40:20.444		68.6		4.29		TAS					m_e
BRG	101.21		Pdiff	02:40:01.808	-0.6	68.6		4.29		TAS					m_e
BSEG	102.10		Pdiff	02:40:05.427	-0.8	68.6		4.29		TAS					m_e
CLL	101.61		Pdiff	02:40:02.940	-0.1	68.6		4.29		TAS					m_e
CLZ	102.92		Pdiff	02:40:08.570	0.3	68.6		4.29		TAS					m_e
FLT1	102.23		Pdiff	02:40:05.491	0.1	68.6		4.29		TAS					m_e
FUR	103.81		Pdiff	02:40:11.867	-0.7	68.6		4.29		TAS					m_e
GEC2	102.06		Pdiff	02:40:05.363	-0.6	68.6		4.29		TAS					m_e
GOR1	101.94		Pdiff	02:40:04.998	0.1	68.6		4.29		TAS					m_e
GRA1	103.26		Pdiff	02:40:11.612	1.1	68.6		4.29		TAS					m_e
GTTG	103.27		Pdiff	02:40:11.867	-0.9	68.6		4.29		TAS					m_e
GTTG	103.27		PP	02:44:25.599		70.7		7.30		TAS					m_e
IBBN	104.19		Pdiff	02:40:15.438	0.9	68.6		4.29		TAS					m_e
KAST	104.29		Pdiff	02:40:15.374	0.5	68.6		4.29		TAS					m_e
KW1	103.00		Pdiff	02:40:09.571	-0.7	68.6		4.29		TAS					m_e
KW1	103.00		PP	02:44:22.276		70.7		7.30		TAS					m_e
MANZ	102.62		Pdiff	02:40:08.223	0.2	68.6		4.29		TAS					m_e
METMA	105.85		Pdiff	02:40:20.526		68.6		4.29		TAS					m_e
MOX	102.66		Pdiff	02:40:08.315	-0.7	68.6		4.29		TAS					m_e
NEUB	102.36		Pdiff	02:40:07.021	0.1	68.6		4.29		TAS					m_e
NEUB	102.36		PP	02:44:19.151		70.7		7.30		TAS					m_e
PART	104.16		Pdiff	02:40:13.588	0.2	68.6		4.29		TAS					m_e
RETH	103.12		Pdiff	02:40:09.189	1.1	68.6		4.29		TAS					m_e
RJOB	103.01		Pdiff	02:40:08.669	-1.1	68.6		4.29		TAS					m_e
ROTZ	102.64		Pdiff	02:40:08.542	0.3	68.6		4.29		TAS					m_e
RUE	100.74		Pdiff	02:39:59.943	0.1	68.6		4.29		TAS					m_e
STU	104.84		Pdiff	02:40:17.797	-1.1	68.6		4.29		TAS					m_e
TANN	102.25		Pdiff	02:40:06.320	0.2	68.6		4.29		TAS					m_e
TANN	102.25		PP	02:44:18.085		70.7		7.30		TAS					m_e
TNS	104.69		Pdiff	02:40:17.629	0.1	68.6		4.29		TAS					m_e
UBR	104.72		Pdiff	02:40:16.864	0.2	68.6		4.29		TAS					m_e
WLF	106.27		Pdiff	02:40:23.150		68.6		4.29		TAS					m_e
WLF	106.27		PP	02:44:47.649		70.7		7.30		TAS					m_e

Event 20122003 Fox Islands, Aleutian Islands, United States

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

OrigID

2022/01/22 05:17:12.40
20122009

54.2650 -165.2880

33.0

55

71.98 79.47 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	20122009
Ms	6.0		BGR	20122009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.24	P		05:28:50.907	0.0	358.0		5.71		TAS		130.9	1.11	m_e	mb	5.9
ARSA	78.72	P		05:29:10.426	0.5	358.0		5.71		TAS		556.2	1.83	m_e	mb	6.3
ASSE	73.79	P		05:28:42.354	-0.0	358.0		5.71		TAS		156.6	1.25	m_e	mb	5.9
BALST	78.47	P		05:29:08.484	-0.1	358.0		5.71		TAS		294.5	1.42	m_e	mb	6.1
BE1	78.02	P		05:29:06.311	-0.2	358.0		5.71		TAS				m_e		
BERGE	77.95	P		05:29:05.608	-0.6	358.0		5.71		TAS				m_e		
BFO	77.50	P		05:29:03.042	-0.6	358.0		5.71		TAS		302.1	1.68	m_e	mb	6.2
BIOA	78.28	P		05:29:07.565	-0.1	358.0		5.71		TAS		258.0	1.58	m_e	mb	6.1
BRG	75.10	P		05:28:49.209	-0.1	358.0		5.71		TAS		138.8	1.35	m_e	mb	5.8
BSEG	71.98	P		05:28:31.724	0.2	358.0		5.71		TAS		163.3	1.11	m_e	mb	6.1
BUG	74.35	P		05:28:45.298	0.3	358.0		5.71		TAS		149.1	1.17	m_e	mb	5.9
CKRC	77.15	P		05:29:02.005	-0.0	358.0		5.71		TAS		1096.3	2.24	m_e	mb	6.6
CLL	74.66	P		05:28:46.555	-0.4	358.0		5.71		TAS		103.0	1.15	m_e	mb	5.8
CLZ	74.07	P		05:28:43.800	0.2	358.0		5.71		TAS		197.2	1.15	m_e	mb	6.0
DAVA	78.61	P		05:29:09.423	0.0	358.0		5.71		TAS		484.1	2.20	m_e	mb	6.1
DPC	75.62	P		05:28:52.693	0.4	358.0		5.71		TAS		584.3	1.43	m_e	mb	6.5
FETA	78.90	P		05:29:11.466		358.0		5.71		TAS		165.5	1.06	m_e	mb	6.0
FLT1	73.60	P		05:28:40.208	0.0	358.0		5.71		TAS		116.5	1.19	m_e	mb	5.8
FUR	77.77	P		05:29:04.853	-0.5	358.0		5.71		TAS		439.1	1.47	m_e	mb	6.4
GEC2	77.13	P		05:29:00.904	-0.3	358.0		5.71		TAS		424.8	1.98	m_e	mb	6.2
GOR1	72.95	P		05:28:37.261	-0.4	358.0		5.71		TAS		494.2	1.77	m_e	mb	6.3
GRA1	76.24	P		05:28:56.691	-0.3	358.0		5.71		TAS		675.9	1.81	m_e	mb	6.5
GRA1	76.24	L		06:00:34.191						T__		6400.3	21.60	a_e	Ms	5.9
GTTG	74.35	P		05:28:45.624	-0.5	358.0		5.71		TAS		184.1	1.07	m_e	mb	6.0
IBBN	73.51	P		05:28:40.459	0.2	358.0		5.71		TAS		218.2	1.14	m_e	mb	6.1
JAVC	77.09	P		05:29:01.894	-0.2	358.0		5.71		TAS		441.0	1.45	m_e	mb	6.4
KAST	74.64	P		05:28:47.259	-0.1	358.0		5.71		TAS		119.5	1.26	m_e	mb	5.8
KBA	78.89	P		05:29:11.763	-0.5	358.0		5.71		TAS		448.5	1.24	m_e	mb	6.4
KHC	76.84	P		05:28:59.687	1.2	358.0		5.71		TAS		200.3	1.74	m_e	mb	6.0
KRUC	76.90	P		05:28:59.330	0.1	358.0		5.71		TAS		512.4	1.80	m_e	mb	6.3
KW1	77.84	P		05:29:05.419	0.0	358.0		5.71		TAS				m_e		
LESA	78.54	P		05:29:09.162	-0.2	358.0		5.71		TAS		546.8	1.99	m_e	mb	6.2
MANZ	75.97	P		05:28:54.421	-0.1	358.0		5.71		TAS				m_e		
METMA	78.12	P		05:29:06.557	-0.2	358.0		5.71		TAS				m_e		
MOA	78.13	P		05:29:06.390	-0.2	358.0		5.71		TAS		217.4	1.74	m_e	mb	6.0
MORC	76.17	P		05:28:55.397	0.1	358.0		5.71		TAS		2379.1	2.09	m_e	mb	7.0
MOTA	78.58	P		05:29:09.423	0.2	358.0		5.71		TAS		375.6	1.52	m_e	mb	6.2
MOX	75.30	P		05:28:50.655	0.1	358.0		5.71		TAS		107.3	1.10	m_e	mb	5.8
MOX	75.30	L		06:07:38.437						T__		8285.9	19.30	a_e	Ms	6.0
NEUB	74.75	P		05:28:47.572	0.5	358.0		5.71		TAS		196.8	1.13	m_e	mb	6.0
NKC	75.72	P		05:28:53.548	0.5	358.0		5.71		TAS		98.5	1.00	m_e	mb	5.9

OBKA	79.47	P	05:29:13.956		358.0	5.71	TAS	255.1	1.12	m_e	mb	6.1
OKC	76.10	P	05:28:54.885	0.5	358.0	5.71	TAS	130.7	1.40	m_e	mb	5.9
PART	78.43	P	05:29:08.302	-0.1	358.0	5.71	TAS			m_e		
PLONS	78.83	P	05:29:10.972	0.1	358.0	5.71	TAS	303.4	1.80	m_e	mb	6.0
PRU	75.99	P	05:28:54.402	-0.1	358.0	5.71	TAS	96.9	1.63	m_e	mb	5.7
PVCC	75.45	P	05:28:51.529	0.3	358.0	5.71	TAS	178.9	1.21	m_e	mb	6.1
RETA	78.43	P	05:29:08.531	-0.3	358.0	5.71	TAS	417.8	1.83	m_e	mb	6.2
RETH	73.14	P	05:28:38.637	-0.1	358.0	5.71	TAS	219.3	1.41	m_e	mb	6.1
RJOB	78.23	P	05:29:07.493	-0.3	358.0	5.71	TAS			m_e		
ROTZ	76.19	P	05:28:56.118	0.1	358.0	5.71	TAS			m_e		
RUE	73.50	P	05:28:40.019	-0.9	358.0	5.71	TAS	258.3	1.27	m_e	mb	6.1
SLE	78.08	P	05:29:06.004	-0.1	358.0	5.71	TAS	670.9	1.34	m_e	mb	6.6
SQTA	78.71	P	05:29:10.277	0.1	358.0	5.71	TAS	251.2	1.19	m_e	mb	6.1
STU	77.10	P	05:29:01.118	0.7	358.0	5.71	TAS	262.7	1.12	m_e	mb	6.3
SULZ	78.29	P	05:29:07.602	0.2	358.0	5.71	TAS	1614.6	1.68	m_e	mb	6.9
TANN	75.54	P	05:28:52.227	0.1	358.0	5.71	TAS	677.2	2.46	m_e	mb	6.3
TNS	75.62	P	05:28:52.730	-0.2	358.0	5.71	TAS	102.6	1.17	m_e	mb	5.8
TREC	76.68	P	05:28:58.178	0.2	358.0	5.71	TAS			m_e		
UBR	78.22	P	05:29:07.317	-0.2	358.0	5.71	TAS	275.5	1.50	m_e	mb	6.2
VRAC	76.65	P	05:28:58.438	0.1	358.0	5.71	TAS	490.2	1.76	m_e	mb	6.3
WET	76.82	P	05:28:59.575	-0.4	358.0	5.71	TAS	210.0	1.57	m_e	mb	6.0
WILA	78.44	P	05:29:08.929	-0.1	358.0	5.71	TAS	162.2	1.07	m_e	mb	6.0
WLF	76.06	P	05:28:55.559	-0.1	358.0	5.71	TAS	214.6	1.30	m_e	mb	6.1
WTTA		P	05:29:10.277	0.2	358.0	5.71	TAS	723.9	1.76	m_e	mb	6.4

Event 20123001 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/23	02:21:25.52			38.8200	97.1800				33.0			25		56.67	62.21	m i ke	BGR
20123007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20123007
Ms	5.8		BGR	20123007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	61.27		P	02:31:38.194		65.9		6.91		TAS		42.2	1.19	m_e	mb	5.2
BFO	61.56		P	02:31:39.800		65.9		6.91		TAS		36.9	1.03	m_e	mb	5.5
BRG	57.18		P	02:31:09.804	-0.8	65.9		6.91		TAS		20.8	0.91	m_e	mb	5.2
BSEG	58.02		P	02:31:16.390	-0.5	65.9		6.91		TAS		46.6	1.00	m_e	mb	5.5
BUG	60.76		P	02:31:34.832	0.1	65.9		6.91		TAS		36.0	0.84	m_e	mb	5.2
CLL	57.56		P	02:31:11.962	0.4	65.9		6.91		TAS		25.5	0.82	m_e	mb	5.3
CLZ	58.84		P	02:31:21.980	0.2	65.9		6.91		TAS		63.3	0.83	m_e	mb	5.7
FLT1	58.16		P	02:31:16.317	-0.5	65.9		6.91		TAS		31.1	0.74	m_e	mb	5.4
FUR	59.88		P	02:31:29.096	-0.4	65.9		6.91		TAS		72.4	0.95	m_e	mb	5.7
FUR	59.88		PcP	02:32:13.621		77.5		2.86		TAS				m_e		

GEC2	58.13	P	02:31:16.607	0.0	65.9	6.91	TAS	36.7	1.24	m_e	mb	5.3
GOR1	57.85	P	02:31:15.125	0.6	65.9	6.91	TAS	52.2	1.24	m_e	mb	5.4
GRA1	59.26	P	02:31:24.885	0.6	65.9	6.91	TAS	70.5	1.01	m_e	mb	5.6
GRA1	59.26	L	02:58:14.006				T__	9601.1	19.70	a_e	Ms	5.9
GTTG	59.20	P	02:31:24.231	-1.0	65.9	6.91	TAS	97.9	1.08	m_e	mb	5.8
IBBN	60.10	P	02:31:30.403	-0.0	65.9	6.91	TAS	31.3	0.71	m_e	mb	5.4
KAST	60.22	P	02:31:30.134	0.0	65.9	6.91	TAS	20.0	1.13	m_e	mb	5.0
KAST	60.22	PcP	02:32:16.743		77.5	2.86	TAS			m_e		
MOX	58.63	P	02:31:20.114	0.4	65.9	6.91	TAS	41.9	1.41	m_e	mb	5.3
MOX	58.63	L	02:57:33.545				T__	5314.3	18.70	a_e	Ms	5.7
NEUB	58.31	P	02:31:17.428	-0.1	65.9	6.91	TAS	79.9	1.24	m_e	mb	5.6
RETH	59.03	P	02:31:23.360	0.5	65.9	6.91	TAS	54.8	1.43	m_e	mb	5.4
RUE	56.67	P	02:31:06.321	-0.3	65.9	6.91	TAS	26.3	0.77	m_e	mb	5.3
STU	60.85	P	02:31:34.977	-0.5	65.9	6.91	TAS	74.9	0.96	m_e	mb	5.5
TANN	58.23	P	02:31:17.210	0.2	65.9	6.91	TAS	26.0	0.94	m_e	mb	5.2
TNS	60.63	P	02:31:34.055	-0.3	65.9	6.91	TAS	22.5	1.10	m_e	mb	4.9
TNS	60.63	PcP	02:32:17.397		77.5	2.86	TAS			m_e		
UBR	60.80	P	02:31:34.905	0.5	65.9	6.91	TAS	57.9	1.01	m_e	mb	5.4
WET	58.50	P	02:31:19.512	0.5	65.9	6.91	TAS	34.7	1.19	m_e	mb	5.3
WLF	62.21	P	02:31:45.391		65.9	6.91	TAS	70.3	1.09	m_e	mb	5.8

Event 20124001 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/24	01:20:58.48			35.7770	68.2650				33.0			58		37.57	46.38	m i ke	BGR
OrigID 20124007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20124007
Ms	4.2		BGR	20124007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	45.69	P		01:29:15.578		86.5		8.09		TAS		20.1	1.18	m_e	mb	5.0
ARSA	40.39	P		01:28:32.602	1.6	86.5		8.09		TAS		11.5	1.26	m_e	mb	4.4
ASSE	43.34	P		01:28:57.020	0.8	86.5		8.09		TAS		65.5	1.83	m_e	mb	5.0
BALST	45.68	P		01:29:14.596		86.5		8.09		TAS		20.5	1.15	m_e	mb	5.0
BFO	45.12	P		01:29:10.501	-0.3	86.5		8.09		TAS		10.9	0.98	m_e	mb	4.8
BIOA	41.64	P		01:28:42.945	-0.5	86.5		8.09		TAS		22.6	1.33	m_e	mb	4.7
BRG	41.32	P		01:28:40.459	0.2	86.5		8.09		TAS		56.4	1.45	m_e	mb	5.1
BSEG	43.54	P		01:28:57.606	1.2	86.5		8.09		TAS		44.6	1.26	m_e	mb	5.0
BUG	45.49	P		01:29:13.600		86.5		8.09		TAS		35.2	1.21	m_e	mb	5.3
CKRC	41.13	P		01:28:39.043	-0.4	86.5		8.09		TAS		21.2	1.20	m_e	mb	4.8
CLL	41.91	P		01:28:44.652	0.2	86.5		8.09		TAS		42.0	1.44	m_e	mb	5.0
CLZ	43.54	P		01:28:57.793	0.2	86.5		8.09		TAS		25.7	1.10	m_e	mb	4.9
DAVA	44.21	P		01:29:03.218	-0.1	86.5		8.09		TAS		60.2	1.35	m_e	mb	5.2
DPC	39.80	P		01:28:28.313	0.1	86.5		8.09		TAS		74.1	1.43	m_e	mb	5.1

FETA	43.67	P	01:28:59.787	-0.3	86.5	8.09	TAS	32.8	1.63	m_e	mb	4.8
FLT1	42.99	P	01:28:52.991	-0.5	86.5	8.09	TAS	110.6	1.42	m_e	mb	5.4
FUR	43.18	P	01:28:55.833	-0.4	86.5	8.09	TAS	43.4	1.39	m_e	mb	5.0
GEC2	41.53	P	01:28:42.276	0.8	86.5	8.09	TAS	19.5	1.41	m_e	mb	4.6
GKP	39.39	P	01:28:23.500	0.6	86.5	8.09	TAS	171.6	1.51	m_e	mb	5.5
GOR1	42.95	P	01:28:52.481	0.4	86.5	8.09	TAS	69.5	1.29	m_e	mb	5.2
GRA1	43.10	P	01:28:55.001	0.5	86.5	8.09	TAS	87.8	1.44	m_e	mb	5.3
GRA1	43.10	L	01:51:08.845				T__	259.3	20.60	a_e	Ms	4.1
GTTG	43.80	P	01:29:00.572	-0.4	86.5	8.09	TAS	78.4	1.35	m_e	mb	5.3
HLG	44.97	P	01:29:09.677	-0.4	86.5	8.09	TAS			m_e		
IBBN	45.12	P	01:29:10.329	-0.1	86.5	8.09	TAS	98.1	1.47	m_e	mb	5.5
JAVC	38.91	P	01:28:21.405	-0.4	86.5	8.09	TAS	11.0	1.26	m_e	mb	4.3
KAST	44.79	P	01:29:08.886	-0.7	86.5	8.09	TAS	28.3	1.69	m_e	mb	4.9
KBA	41.88	P	01:28:45.384	0.4	86.5	8.09	TAS	11.6	0.87	m_e	mb	4.6
KHC	41.59	P	01:28:42.974	0.7	86.5	8.09	TAS	8.4	1.57	m_e	mb	4.2
KRUC	39.75	P	01:28:27.936	-0.1	86.5	8.09	TAS	22.1	1.40	m_e	mb	4.6
KSP	39.83	P	01:28:28.042	-0.2	86.5	8.09	TAS	34.5	1.58	m_e	mb	4.7
LESA	42.31	P	01:28:48.183	-0.4	86.5	8.09	TAS	50.8	1.49	m_e	mb	5.0
MOA	41.20	P	01:28:39.465	0.1	86.5	8.09	TAS	47.6	1.51	m_e	mb	5.0
MORC	39.00	P	01:28:21.241	0.2	86.5	8.09	TAS	75.2	1.20	m_e	mb	5.2
MOTA	43.38	P	01:28:56.310	0.4	86.5	8.09	TAS	34.8	1.60	m_e	mb	4.8
MOX	42.80	P	01:28:52.142	0.0	86.5	8.09	TAS	18.7	1.14	m_e	mb	4.7
MOX	42.80	L	01:47:51.173				T__	365.1	18.90	a_e	Ms	4.3
NEUB	42.68	P	01:28:51.227	-0.6	86.5	8.09	TAS	66.1	1.38	m_e	mb	5.2
NKC	42.28	P	01:28:48.499	0.1	86.5	8.09	TAS	35.9	1.35	m_e	mb	4.9
OBKA	41.11	P	01:28:39.556	0.0	86.5	8.09	TAS	46.8	1.57	m_e	mb	5.0
OJC	37.57	P	01:28:09.268	-0.6	86.5	8.09	TAS			m_e		
OKC	38.62	P	01:28:18.154	-0.5	86.5	8.09	TAS	13.8	1.46	m_e	mb	4.4
PLONS	44.58	P	01:29:06.063	0.3	86.5	8.09	TAS	51.6	1.43	m_e	mb	5.3
PRU	40.94	P	01:28:37.433	0.1	86.5	8.09	TAS	14.3	1.31	m_e	mb	4.5
PVCC	40.92	P	01:28:37.055	0.1	86.5	8.09	TAS	13.0	1.05	m_e	mb	4.6
RETA	43.59	P	01:28:58.342	-0.2	86.5	8.09	TAS	10.0	1.05	m_e	mb	4.5
RETH	44.13	P	01:29:03.744	0.7	86.5	8.09	TAS	4.8	0.81	m_e	mb	4.3
RGN	41.80	P	01:28:43.351	0.1	86.5	8.09	TAS	249.4	1.58	m_e	mb	5.7
RUE	41.44	P	01:28:40.487	0.2	86.5	8.09	TAS	43.2	1.23	m_e	mb	5.0
SLE	45.08	P	01:29:11.140	-0.9	86.5	8.09	TAS	1345.1	4.39	m_e	mb	6.2
SQTA	43.32	P	01:28:56.039	-0.2	86.5	8.09	TAS	9.2	1.00	m_e	mb	4.5
SULZ	45.37	P	01:29:12.293		86.5	8.09	TAS	232.4	1.35	m_e	mb	5.9
TANN	42.27	P	01:28:48.582	-0.3	86.5	8.09	TAS	28.5	1.38	m_e	mb	4.8
TNS	44.85	P	01:29:09.018	-0.8	86.5	8.09	TAS	25.4	1.27	m_e	mb	5.0
TREC	40.34	P	01:28:32.512	-0.1	86.5	8.09	TAS	27.9	1.45	m_e	mb	4.7
UBR	44.01	P	01:29:01.832	0.4	86.5	8.09	TAS	37.7	1.31	m_e	mb	5.0
VRAC	39.62	P	01:28:26.372	-0.3	86.5	8.09	TAS	54.0	1.53	m_e	mb	5.0
WILA	44.85	P	01:29:09.539	-0.5	86.5	8.09	TAS	17.0	1.13	m_e	mb	4.9
WLF	46.38	P	01:29:21.363		86.5	8.09	TAS	49.1	1.30	m_e	mb	5.4
WTTA		P	01:28:54.007	-0.2	86.5	8.09	TAS	20.9	1.14	m_e	mb	4.8

Event 20125001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/25	03:25:28.70			-15.8950	-173.3620				157.5	10.1		12		144.22	148.08	m i ke	BGR
OrigID 20125007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.53		PKPbc	03:44:55.220		10.0		3.15		TAS					m_e
BUG	144.44		PKPbc	03:44:48.266		10.0		3.15		TAS					m_e
CLL	144.22		PKPbc	03:44:43.879	-2.1	10.0		3.15		TAS					m_e
FUR	147.50		PKPbc	03:44:55.013		10.0		3.15		TAS					m_e
FUR	147.50		pPKPbc	03:45:38.348						T__					m_e
GEC2	146.54		PKPbc	03:44:52.193		10.0		3.15		TAS					m_e
GRA1	145.99		PKPbc	03:44:51.178		10.0		3.15		TAS					m_e
GRA1	145.99		pPKPbc	03:45:29.711						T__					m_e
MOX	145.01		PKPbc	03:44:47.418		10.0		3.15		TAS					m_e
TANN	145.15		PKPbc	03:44:48.295		10.0		3.15		TAS					m_e
TNS	145.63		PKPbc	03:44:49.783		10.0		3.15		TAS					m_e
UBR	148.08		PKPbc	03:44:57.073		10.0		3.15		TAS					m_e
UBR	148.08		PKPab	03:45:00.022						T__					m_e
WET	146.36		PKPbc	03:44:52.893		10.0		3.15		TAS					m_e
WLF	146.22		PKPbc	03:44:52.130		10.0		3.15		TAS					m_e

Event 20125003 Chagos Archipelago region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/25	16:04:18.99			-4.3390	71.6090				34.1	0.7		6		73.78	76.64	m i ke	BGR
OrigID 20125009																	

Magnitude Err Nsta Author OrigID

mb	5.0		BGR	20125009
Ms	4.2		BGR	20125009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	73.78		P	16:15:51.452		116.1		5.78		TAS		8.7	0.95	m_e mb	4.8
BRG	73.78		pP	16:16:01.065						T__					m_e
CLL	74.51		P	16:15:55.510		116.1		5.78		TAS		17.2	0.93	m_e mb	5.1
CLL	74.51		pP	16:16:05.240						T__					m_e
CLZ	76.21		P	16:16:05.448		116.1		5.78		TAS		10.5	0.79	m_e mb	5.0
CLZ	76.21		pP	16:16:15.036						T__					m_e
GRA1	74.79		P	16:15:56.767		116.1		5.78		TAS		21.6	0.83	m_e mb	5.2
GRA1	74.79		pP	16:16:06.653						T__					m_e
GRA1	74.79		L	16:57:01.890						T__		94.2	18.20	a_e Ms	4.1

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MOX	74.99	L	16:49:55.731			T__	136.0	18.40	a_e	Ms	4.3
TNS	76.64	P	16:16:07.893	116.1	5.78	TAS	14.5	0.86	m_e	mb	5.1
TNS	76.64	pP	16:16:17.858			T__			m_e		
UBR	74.60	P	16:15:56.156	116.1	5.78	TAS			m_e		

Event 20126001 Lake Tanganyika region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/26	02:06:17.79			-6.2520	28.5080				33.0			12		56.14	61.91	m i ke	BGR
OrigID 20126007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20126007
Ms	4.0		BGR	20126007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	60.15		P	02:16:24.052	0.2	159.6		7.02		TAS		25.2	1.22	m_e	mb	5.1
BFO	57.20		P	02:16:02.607		159.6		7.02		TAS		9.3	1.17	m_e	mb	4.7
BSEG	61.91		P	02:16:35.464	0.3	159.6		7.02		TAS		18.9	1.13	m_e	mb	5.2
BUG	60.32		P	02:16:24.983	0.3	159.6		7.02		TAS		25.4	1.29	m_e	mb	5.1
FUR	56.30		P	02:15:57.076		159.6		7.02		TAS		11.3	0.87	m_e	mb	4.9
GEC2	56.41		P	02:15:57.714		159.6		7.02		TAS		8.9	0.88	m_e	mb	4.8
GOR1	60.82		P	02:16:29.049	0.2	159.6		7.02		TAS		133.5	1.75	m_e	mb	5.5
GRA1	57.74		P	02:16:07.127		159.6		7.02		TAS		21.3	1.22	m_e	mb	5.0
GRA1	57.74		L	02:55:26.231						T__		131.3	19.90	a_e	Ms	4.0
IBBN	60.99		P	02:16:30.020	0.1	159.6		7.02		TAS		21.6	1.31	m_e	mb	4.8
MOX	58.55		L	02:41:24.062						T__		123.7	19.20	a_e	Ms	4.0
TANN	58.15		P	02:16:09.181		159.6		7.02		TAS		80.8	2.52	m_e	mb	5.3
UBR	56.14		P	02:15:55.221		159.6		7.02		TAS		456.0	4.26	m_e	mb	5.8
WLF	59.02		P	02:16:15.611		159.6		7.02		TAS		17.8	1.32	m_e	mb	4.9

Event 20127001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/27	06:40:14.94			-18.9590	-179.3610				33.0			15		145.59	150.25	m i ke	BGR
OrigID 20127007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	20127007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
ASSE	145.89		PKPbc	06:59:48.621	-0.7	19.2		2.77		TAS				m_e			
BFO	149.96		PKPbc	06:59:59.313		19.2		2.77		TAS				m_e			

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BRG	146.37	PKPbc	06:59:50.368		19.2	2.77	TAS												m_e
CLL	146.19	PKPbc	06:59:49.638	-0.7	19.2	2.77	TAS												m_e
FLT1	145.59	PKPbc	06:59:47.275	-0.1	19.2	2.77	TAS												m_e
GEC2	148.30	PKPbc	06:59:55.206		19.2	2.77	TAS												m_e
GRA1	148.10	PKPbc	06:59:56.933		19.2	2.77	TAS												m_e
GRA1	148.10	L	08:06:44.219				T__					2865.0	21.80	a_e	Ms				6.0
IBBN	146.17	PKPbc	06:59:51.192	0.7	19.2	2.77	TAS												m_e
KAST	147.16	PKPbc	06:59:52.033	-1.1	19.2	2.77	TAS												m_e
MOX	147.12	PKPbc	06:59:53.246		19.2	2.77	TAS												m_e
MOX	147.12	L	08:05:55.311				T__					4313.5	22.00	a_e	Ms				6.2
TANN	147.15	PKPbc	06:59:52.454		19.2	2.77	TAS												m_e
TNS	148.10	PKPbc	06:59:54.701		19.2	2.77	TAS												m_e
UBR	150.25	PKPbc	07:00:00.381		19.2	2.77	TAS												m_e
WET	148.23	PKPbc	06:59:57.278		19.2	2.77	TAS												m_e
WLF	148.96	PKPbc	06:59:59.123		19.2	2.77	TAS												m_e

Event 20128001 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2022/01/28	03:57:39.49	3.87	0.58	34.8640	32.4700	81.2	72.3	105	10.0					13	348	19.68	24.19	m i ke BGR
20128007																		

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 20128007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	24.19		P	04:02:55.013	0.3					T__		11.1	0.70	m_e mb	4.5
BFO	22.39		P	04:02:37.818	0.8					T__		11.2	0.77	m_e mb	4.4
BRG	20.88		P	04:02:21.123	-0.1					T__		15.1	0.76	m_e mb	4.4
CLL	21.61		P	04:02:28.495	-0.5					T__		13.8	0.81	m_e mb	4.4
CLZ	23.21		P	04:02:44.803	-0.4					T__		20.3	0.80	m_e mb	4.7
FLT1	23.11		P	04:02:43.008						T__		8.2	0.76	m_e mb	4.3
GEC2	19.68		P	04:02:08.711	0.9					T__		14.4	0.74	m_e mb	4.3
GTTG	23.23		P	04:02:45.221	-0.2					T__		27.9	0.82	m_e mb	4.8
MOX	21.86		P	04:02:31.696	0.1					T__		34.7	0.78	m_e mb	4.8
NEUB	22.13		P	04:02:35.350	1.0					T__		21.1	0.91	m_e mb	4.6
TANN	21.29		P	04:02:25.460	-0.1					T__		15.7	0.81	m_e mb	4.4
TNS	23.27		P	04:02:45.567	-0.3					T__		8.1	0.71	m_e mb	4.4
UBR	21.03		P	04:02:21.871	-0.9					T__		12.2	0.66	m_e mb	4.4
WET	20.29		P	04:02:14.181	-0.6					T__		26.3	0.76	m_e mb	4.5

Event 20129001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2022/01/29 02:42:16.79 -17.2970 -177.6440 613.0 15 142.83 148.95 m i ke BGR
 20129007

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.57		PKPbc	03:00:55.898		15.6		2.77		TAS					m_e	
BRG	145.16		PKPbc	03:00:47.024	-0.2	15.6		2.77		TAS					m_e	
BSEG	142.83		PKPbc	03:00:39.726	-0.3	15.6		2.77		TAS					m_e	
CLL	144.94		PKPbc	03:00:46.243	0.2	15.6		2.77		TAS					m_e	
CLZ	144.86		PKPbc	03:00:46.389	0.4	15.6		2.77		TAS					m_e	
FLT1	144.26		PKPbc	03:00:43.969	0.1	15.6		2.77		TAS					m_e	
GEC2	147.12		PKPbc	03:00:52.132		15.6		2.77		TAS					m_e	
KAST	145.74		PKPbc	03:00:48.674		15.6		2.77		TAS					m_e	
MOX	145.83		PKPbc	03:00:48.692		15.6		2.77		TAS					m_e	
NEUB	145.27		PKPbc	03:00:47.070	-0.4	15.6		2.77		TAS					m_e	
PLN	145.88		PKPbc	03:00:48.990		15.6		2.77		TAS					m_e	
TANN	145.89		PKPbc	03:00:49.212		15.6		2.77		TAS					m_e	
TNS	146.70		PKPbc	03:00:51.368		15.6		2.77		TAS					m_e	
UBR	148.95		PKPbc	03:00:56.826		15.6		2.77		TAS					m_e	
WLF	147.47		PKPbc	03:00:53.966		15.6		2.77		TAS					m_e	

Event 20129005 Kermadec Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/01/29 02:46:40.37 -30.1400 -176.5500 33.0 26 154.52 161.67 m i ke BGR
 20129011

Magnitude	Err	Nsta	Author	OrigID												
Ms	6.5		BGR	20129011												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	159.35		PKPdf	03:06:36.409	-0.6	26.0		1.04		TAS					m_e	
AHRW	159.35		PKPab	03:07:12.976	1.6	18.6		4.50		TAS					m_e	
ASSE	157.31		PKPdf	03:06:34.467	-0.1	26.0		1.04		TAS					m_e	
BFO	161.37		PKPdf	03:06:38.503	-0.3	26.0		1.04		TAS					m_e	
BFO	161.37		PKPab	03:07:21.591		18.6		4.50		TAS					m_e	
BRG	157.78		PKPdf	03:06:33.849	-0.9	26.0		1.04		TAS					m_e	
BRG	157.78		PKPab	03:07:06.633	0.4	18.6		4.50		TAS					m_e	
BSEG	155.63		PKPdf	03:06:32.038	-0.9	26.0		1.04		TAS					m_e	
BSEG	155.63		PKPab	03:06:55.510	-0.6	18.6		4.50		TAS					m_e	
BUG	158.45		PKPdf	03:06:36.874	0.8	26.0		1.04		TAS					m_e	
BUG	158.45		PKPab	03:07:08.511	0.2	18.6		4.50		TAS					m_e	
CLL	157.62		PKPdf	03:06:32.919	-1.7	26.0		1.04		TAS					m_e	
CLL	157.62		PKPab	03:07:05.449	0.4	18.6		4.50		TAS					m_e	

CLZ	157.64	PKPdf	03:06:36.208	1.3	26.0	1.04	TAS											m_e
CLZ	157.64	PKPab	03:07:07.050	0.7	18.6	4.50	TAS											m_e
FLT1	157.02	PKPdf	03:06:32.686	-1.5	26.0	1.04	TAS											m_e
FUR	160.95	PKPdf	03:06:37.572	-0.5	26.0	1.04	TAS											m_e
FUR	160.95	PKPab	03:07:20.575		18.6	4.50	TAS											m_e
GEC2	159.69	PKPdf	03:06:35.943	-0.8	26.0	1.04	TAS											m_e
GEC2	159.69	PKPab	03:07:14.778	-0.3	18.6	4.50	TAS											m_e
GOR1	156.38	PKPdf	03:06:34.581	1.0	26.0	1.04	TAS											m_e
GOR1	156.38	PKPab	03:06:59.039	0.1	18.6	4.50	TAS											m_e
GRA1	159.53	PKPdf	03:06:36.874	0.2	26.0	1.04	TAS											m_e
GRA1	159.53	PKPab	03:07:14.085	-0.5	18.6	4.50	TAS											m_e
GRA1	159.53	L	04:35:21.066				T__	8939.8	18.40	a_e	Ms							6.6
GTTG	157.99	PKPdf	03:06:36.505	1.2	26.0	1.04	TAS											m_e
GTTG	157.99	PKPab	03:07:07.779	-0.5	18.6	4.50	TAS											m_e
IBBN	157.54	PKPdf	03:06:33.617	-1.5	26.0	1.04	TAS											m_e
IBBN	157.54	PKPab	03:07:07.280	-0.0	18.6	4.50	TAS											m_e
KAST	158.55	PKPdf	03:06:35.245	-0.8	26.0	1.04	TAS											m_e
KAST	158.55	PKPab	03:07:09.881	-0.3	18.6	4.50	TAS											m_e
MOX	158.55	PKPdf	03:06:35.943	0.3	26.0	1.04	TAS											m_e
MOX	158.55	PKPab	03:07:08.841	0.1	18.6	4.50	TAS											m_e
MOX	158.55	L	04:17:58.652				T__	6636.6	21.60	a_e	Ms							6.4
NEUB	158.00	PKPdf	03:06:36.333	1.2	26.0	1.04	TAS											m_e
NEUB	158.00	PKPab	03:07:06.928	-0.6	18.6	4.50	TAS											m_e
PLN	158.58	PKPdf	03:06:36.874	1.2	26.0	1.04	TAS											m_e
PLN	158.58	PKPab	03:07:09.099	-0.8	18.6	4.50	TAS											m_e
RGN	154.52	PKPdf	03:06:30.867	-0.7	26.0	1.04	TAS											m_e
RUE	156.35	PKPdf	03:06:35.006	1.7	26.0	1.04	TAS											m_e
RUE	156.35	PKPab	03:06:59.045	-0.7	18.6	4.50	TAS											m_e
STU	160.80	PKPdf	03:06:38.735	0.6	26.0	1.04	TAS											m_e
STU	160.80	PKPab	03:07:19.327	0.2	18.6	4.50	TAS											m_e
TANN	158.57	PKPdf	03:06:35.478	-0.1	26.0	1.04	TAS											m_e
TANN	158.57	PKPab	03:07:10.045	-1.2	18.6	4.50	TAS											m_e
TNS	159.51	PKPdf	03:06:39.201	2.2	26.0	1.04	TAS											m_e
TNS	159.51	PKPab	03:07:15.624	0.2	18.6	4.50	TAS											m_e
UBR	161.67	PKPdf	03:06:38.270	-0.6	26.0	1.04	TAS											m_e
UBR	161.67	PKPab	03:07:23.708		18.6	4.50	TAS											m_e
WLF	160.31	PKPdf	03:06:37.339	-0.8	26.0	1.04	TAS											m_e
WLF	160.31	PKPab	03:07:17.776	-0.7	18.6	4.50	TAS											m_e

Event 20131001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/31	00:50:02.84			39.4700	39.7700				10.0			13		20.82	25.41	m i ke	BGR
20131007																	

Magnitude Err Nsta Author OrigID

mb 4.3 BGR 20131007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	25.41		P	00:55:32.570		107.8		10.01		TAS		21.4	1.08	m_e	mb 4.8
BRG	21.35		P	00:54:52.086	0.3	107.8		10.01		TAS		6.9	0.98	m_e	mb 4.0
BSEG	24.60		P	00:55:23.467		107.8		10.01		TAS		10.1	0.79	m_e	mb 4.6
CLL	22.07		P	00:54:59.010	0.2	107.8		10.01		TAS		16.5	0.96	m_e	mb 4.4
CLZ	23.79		P	00:55:17.168		107.8		10.01		TAS		13.1	0.86	m_e	mb 4.5
FLT1	23.46		P	00:55:10.989	0.1	107.8		10.01		TAS		8.7	0.88	m_e	mb 4.3
FUR	22.21		P	00:54:59.504	-0.6	107.8		10.01		TAS		10.2	0.66	m_e	mb 4.4
GEC2	20.82		P	00:54:45.954	-0.4	107.8		10.01		TAS		5.5	0.89	m_e	mb 3.9
GRA1	22.62		P	00:55:03.902	-1.5	107.8		10.01		TAS		30.2	0.90	m_e	mb 4.8
KAST	24.76		P	00:55:25.009		107.8		10.01		TAS		4.5	0.96	m_e	mb 4.2
TANN	22.07		P	00:54:59.184	0.0	107.8		10.01		TAS		5.8	0.88	m_e	mb 4.0
TNS	24.48		P	00:55:23.177		107.8		10.01		TAS		19.8	1.11	m_e	mb 4.5
UBR	22.89		P	00:55:06.416	0.9	107.8		10.01		TAS		4.7	0.78	m_e	mb 4.1

Event 20131010 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/31	11:21:45.60			-29.7700	-177.0000				10.0			10		155.19	161.22	m i ke	EMSC
	20131042																

Magnitude 5.7 Err Nsta Author BGR 20131016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	158.94		PKPab	11:42:19.136	0.2	18.1		4.35		TAS				m_e	
ASSE	156.87		PKPdf	11:41:41.467	1.1	19.4		1.03		TAS				m_e	
ASSE	156.87		PKPab	11:42:10.223	0.0	18.1		4.35		TAS				m_e	
BRG	157.31		PKPdf	11:41:41.664		19.4		1.03		TAS				m_e	
BRG	157.31		PKPab	11:42:12.257	0.0	18.1		4.35		TAS				m_e	
BSEG	155.19		PKPab	11:42:03.058	-0.0	18.1		4.35		TAS				m_e	
CLL	157.16		PKPab	11:42:11.159	0.4	18.1		4.35		TAS				m_e	
CLZ	157.20		PKPdf	11:41:41.211		19.4		1.03		TAS				m_e	
CLZ	157.20		PKPab	11:42:11.529	-0.1	18.1		4.35		TAS				m_e	
FLT1	156.58		PKPdf	11:41:40.555	0.1	19.4		1.03		TAS				m_e	
FLT1	156.58		PKPab	11:42:08.425	-0.3	18.1		4.35		TAS				m_e	
FUR	160.49		PKPab	11:42:26.461		18.1		4.35		TAS				m_e	
GEC2	159.21		PKPdf	11:41:43.262		19.4		1.03		TAS				m_e	
GEC2	159.21		PKPab	11:42:20.385		18.1		4.35		TAS				m_e	
GOR1	155.94		PKPdf	11:41:40.176	0.1	19.4		1.03		TAS				m_e	
GOR1	155.94		PKPab	11:42:06.382	0.2	18.1		4.35		TAS				m_e	
GRA1	159.08		PKPab	11:42:19.871		18.1		4.35		TAS				m_e	
GRA1	159.08		L	12:58:41.373						T__		1071.0	19.90	a_e	Ms 5.7
GTTG	157.56		PKPab	11:42:13.428	0.0	18.1		4.35		TAS				m_e	

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Fri Apr 01 11:33:56 2022

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IBBN	157.13	PKPab	11:42:11.242	-0.1	18.1	4.35	TAS										m_e
MOX	158.09	PKPdf	11:41:41.016		19.4	1.03	TAS										m_e
MOX	158.09	PKPab	11:42:15.416	-0.4	18.1	4.35	TAS										m_e
MOX	158.09	L	13:04:35.806				T__			1277.2	18.40	a_e	Ms				5.8
NEUB	157.54	PKPab	11:42:12.892	0.2	18.1	4.35	TAS										m_e
PLN	158.12	PKPdf	11:41:42.407		19.4	1.03	TAS										m_e
PLN	158.12	PKPab	11:42:15.622	-0.5	18.1	4.35	TAS										m_e
RUE	155.89	PKPdf	11:41:39.772		19.4	1.03	TAS										m_e
RUE	155.89	PKPab	11:42:05.926	-0.3	18.1	4.35	TAS										m_e
STU	160.36	PKPab	11:42:25.472		18.1	4.35	TAS										m_e
TANN	158.11	PKPdf	11:41:43.447		19.4	1.03	TAS										m_e
TANN	158.11	PKPab	11:42:15.816	0.1	18.1	4.35	TAS										m_e
TNS	159.08	PKPab	11:42:19.347	0.5	18.1	4.35	TAS										m_e
UBR	161.22	PKPdf	11:41:45.573		19.4	1.03	TAS										m_e
WLF	159.90	PKPab	11:42:23.886		18.1	4.35	TAS										m_e

Event 20131002 Owen Fracture Zone region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/01/31	11:56:39.58			14.3170	55.6130				23.6	0.1		17		48.63	53.50	m i ke	BGR
OrigID 20131008																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 20131008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	53.22		P	12:05:57.736		118.5		7.56		TAS		17.2	1.10	m_e mb	4.9
BFO	51.56		P	12:05:45.066	0.2	118.5		7.56		TAS		10.3	0.90	m_e mb	4.8
BFO	51.56		pP	12:05:51.195						T__				m_e	
BRG	49.55		P	12:05:28.906	-0.4	118.5		7.56		TAS		3.8	0.78	m_e mb	4.4
BUG	53.50		P	12:05:59.183		118.5		7.56		TAS		9.6	0.75	m_e mb	4.8
CLL	50.28		P	12:05:34.886	0.0	118.5		7.56		TAS		6.9	0.78	m_e mb	4.7
CLZ	51.97		P	12:05:47.872	-0.2	118.5		7.56		TAS		10.5	0.73	m_e mb	4.9
FLT1	51.74		P	12:05:45.637	0.2	118.5		7.56		TAS		7.7	0.83	m_e mb	4.7
FUR	49.71		P	12:05:31.054	0.4	118.5		7.56		TAS		53.0	0.80	m_e mb	5.5
GEC2	48.63		P	12:05:22.144	-0.4	118.5		7.56		TAS		2.3	0.69	m_e mb	4.3
GRA1	50.46		P	12:05:35.824	0.1	118.5		7.56		TAS		13.5	0.79	m_e mb	4.9
GTTG	52.05		P	12:05:48.518		118.5		7.56		TAS		16.4	0.83	m_e mb	5.0
GTTG	52.05		pP	12:05:54.887						T__				m_e	
MOX	50.70		P	12:05:38.301	0.0	118.5		7.56		TAS		9.0	0.73	m_e mb	4.8
MOX	50.70		pP	12:05:44.742						T__				m_e	
NEUB	50.89		P	12:05:39.584	0.6	118.5		7.56		TAS		32.7	0.80	m_e mb	5.3
RUE	50.49		P	12:05:36.862	-0.6	118.5		7.56		TAS		40.9	1.09	m_e mb	5.3
RUE	50.49		pP	12:05:42.772						T__				m_e	
TANN	50.12		P	12:05:33.633	-0.1	118.5		7.56		TAS		5.7	0.99	m_e mb	4.5
UBR	50.20		P	12:05:34.425	0.2	118.5		7.56		TAS		19.4	0.80	m_e mb	5.1

WLF 53.41 P 12:05:57.827 118.5 7.56 TAS 12.5 0.84 m_e mb 4.9

Event 20131009 Owen Fracture Zone region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2022/01/31 11:56:41.70 14.4570 55.3120 23.2 1.1 17 48.35 53.21 m i ke BGR
20131015

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 20131015
Ms 4.9 BGR 20131015

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for AHRW, BFO, BRG, BUG, CLL, CLZ, FLT1, FUR, GEC2, GRA1, GTTG, MOX, NEUB, RUE, TANN, UBR, WLF.