

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

(produced by SZO/BGR - HANNOVER)

June 2020 UPDATED 11.January 2022

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

Event 601003 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/01	16:00:32.10			49.7320	152.8660				33.0			27		72.42	77.65	m i ke	BGR
OrigID 601009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	601009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.56		P	16:12:00.039	0.1	24.5		5.75		TAS		27.0	1.04	a_e mb	5.2
BFO	77.65		P	16:12:22.989	0.2	24.5		5.75		TAS		41.5	0.97	a_e mb	5.5
BRG	73.82		P	16:12:01.189	-0.3	24.5		5.75		TAS		24.7	1.01	a_e mb	5.2
BUG	75.03		P	16:12:08.239	-0.1	24.5		5.75		TAS		41.4	0.93	a_e mb	5.5
CLL	73.69		P	16:12:00.289	-0.5	24.5		5.75		TAS		60.5	0.84	a_e mb	5.7
CLZ	73.90		P	16:12:02.339	0.4	24.5		5.75		TAS		61.5	1.08	a_e mb	5.5
FLT1	73.23		P	16:11:57.589	-0.5	24.5		5.75		TAS		33.5	0.95	a_e mb	5.4
FUR	77.01		P	16:12:20.035	0.3	24.5		5.75		TAS		72.4	0.87	m_e mb	5.8
GEC2	75.71		P	16:12:12.239	-0.3	24.5		5.75		TAS		25.0	0.92	m_e mb	5.3
GOR1	72.61		P	16:11:54.939	0.4	24.5		5.75		TAS		47.2	1.19	a_e mb	5.5
GRA1	75.63		P	16:12:12.289	0.4	24.5		5.75		TAS		82.8	0.76	m_e mb	5.9
GTTG	74.27		P	16:12:04.289	0.2	24.5		5.75		TAS		46.5	1.26	a_e mb	5.4
IBBN	74.11		P	16:12:03.139	0.1	24.5		5.75		TAS		50.4	0.80	a_e mb	5.6
KAST	74.97		P	16:12:08.239	0.2	24.5		5.75		TAS		40.2	0.86	a_e mb	5.5
MANZ	75.13		P	16:12:08.989	-0.0	24.5		5.75		TAS		6.1	0.94	a_e mb	4.6
MOX	74.66		P	16:12:06.339	-0.0	24.5		5.75		TAS		33.4	0.97	a_e mb	5.3
NEUB	74.12		P	16:12:02.939	-0.3	24.5		5.75		TAS		35.5	0.86	a_e mb	5.4
PLN	74.66		P	16:12:06.389	0.1	24.5		5.75		TAS		13.8	1.10	a_e mb	4.9
RETH	73.33		P	16:11:58.789	0.2	24.5		5.75		TAS		36.7	1.05	a_e mb	5.4
RJOB	76.97		P	16:12:19.839		24.5		5.75		TAS		32.6	0.90	a_e mb	5.5
ROTZ	75.30		P	16:12:10.239	0.2	24.5		5.75		TAS		11.0	1.05	a_e mb	4.8

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RUE	72.42	P	16:11:53.389	-0.1	24.5	5.75	TAS	56.7	1.00	a_e	mb	5.7
STU	77.02	P	16:12:19.589	-0.5	24.5	5.75	TAS	92.8	0.90	a_e	mb	5.9
TANN	74.64	P	16:12:06.189	-0.1	24.5	5.75	TAS	12.4	0.86	a_e	mb	5.0
TNS	75.87	P	16:12:13.289	0.0	24.5	5.75	TAS	46.0	0.79	a_e	mb	5.7
UBBA	74.93	P	16:12:07.689	-0.2	24.5	5.75	TAS	15.3	0.86	a_e	mb	5.0
WET	75.67	P	16:12:12.539	-0.1	24.5	5.75	TAS	55.1	0.97	a_e	mb	5.7

Event 602001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/02	02:03:54.18			-19.7590	170.9860				33.0			17		144.99	148.24	m i ke	BGR
OrigID 602007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.24		PKPbc	02:23:36.068		35.6		3.13		TAS				m_e	
BUG	145.89		PKPbc	02:23:28.980	-0.1	35.6		3.13		TAS				m_e	
FUR	147.25		PKPbc	02:23:33.423		35.6		3.13		TAS				m_e	
GEC2	145.71		PKPbc	02:23:28.451	-0.3	35.6		3.13		TAS				m_e	
GRA1	146.04		PKPbc	02:23:30.038	-0.4	35.6		3.13		TAS				m_e	
KAST	145.75		PKPbc	02:23:28.716	-0.0	35.6		3.13		TAS				m_e	
MANZ	145.47		PKPbc	02:23:27.922	0.0	35.6		3.13		TAS				m_e	
MOX	145.12		PKPbc	02:23:26.547	0.2	35.6		3.13		TAS				m_e	
PLN	145.04		PKPbc	02:23:26.494	0.2	35.6		3.13		TAS				m_e	
RJOB	146.95		PKPbc	02:23:32.313		35.6		3.13		TAS				m_e	
ROTZ	145.60		PKPbc	02:23:28.398	-0.2	35.6		3.13		TAS				m_e	
STU	147.56		PKPbc	02:23:34.428		35.6		3.13		TAS				m_e	
TANN	144.99		PKPbc	02:23:26.230	0.3	35.6		3.13		TAS				m_e	
TNS	146.58		PKPbc	02:23:31.625	0.5	35.6		3.13		TAS				m_e	
UBBA	145.55		PKPbc	02:23:28.028	0.2	35.6		3.13		TAS				m_e	
WET	145.82		PKPbc	02:23:28.980	0.0	35.6		3.13		TAS				m_e	
WLF	147.79		PKPbc	02:23:35.698	0.1	35.6		3.13		TAS				m_e	

Event 602008 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/02	15:41:22.96			38.2740	145.0310				33.0			30		81.21	86.09	m i ke	BGR
OrigID 602014																	

Magnitude Err Nsta Author OrigID

mb	5.3		BGR	602014
Ms	4.2		BGR	602014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	81.58		P	15:53:35.453	0.4	34.8		5.16		TAS		16.4	1.10	m_e	mb 5.1
BFO	85.58		P	15:53:56.254	-0.1	34.8		5.16		TAS		55.7	1.15	a_e	mb 5.6
BRG	81.40		P	15:53:34.729	-0.3	34.8		5.16		TAS		18.8	0.97	m_e	mb 5.1
CIEL			P	15:53:56.004	-0.2	34.8		5.16		TAS		58.9	1.11	a_e	mb 5.7
CLL	81.41		P	15:53:34.554	0.1	34.8		5.16		TAS		36.5	0.90	a_e	mb 5.4
CLZ	81.92		P	15:53:37.954	0.2	34.8		5.16		TAS		45.0	1.21	a_e	mb 5.5
ECH	86.09		P	15:53:58.604	0.1	34.8		5.16		TAS		39.5	0.99	a_e	mb 5.5
FLT1	81.21		P	15:53:33.404	-0.3	34.8		5.16		TAS		30.1	1.01	a_e	mb 5.3
FUR	84.62		P	15:53:51.604		34.8		5.16		TAS		62.1	0.98	a_e	mb 5.8
GEC2	83.12		P	15:53:43.604	-0.0	34.8		5.16		TAS		14.1	1.13	m_e	mb 5.1
GRA1	83.38		P	15:53:45.597	0.6	34.8		5.16		TAS		42.6	1.12	m_e	mb 5.6
GRA1	83.38		L	16:31:42.737						T__		148.6	20.70	a_e	Ms 4.3
GRFO	83.39		P	15:53:45.704	0.2	34.8		5.16		TAS		43.2	1.14	a_e	mb 5.6
GTTG	82.31		P	15:53:39.754	-0.4	34.8		5.16		TAS		31.0	1.09	a_e	mb 5.3
HOHE			P	15:53:56.704	-0.2	34.8		5.16		TAS		75.1	1.23	a_e	mb 5.7
IBBN	82.42		P	15:53:40.254	-0.5	34.8		5.16		TAS		25.0	0.87	a_e	mb 5.4
KAST	83.13		P	15:53:43.904	-0.2	34.8		5.16		TAS		9.8	0.85	a_e	mb 5.1
LEMB			P	15:53:54.254	-0.0	34.8		5.16		TAS		26.5	1.21	a_e	mb 5.3
MANZ	82.81		P	15:53:42.304	0.4	34.8		5.16		TAS		3.3	0.90	a_e	mb 4.6
MOX	82.46		P	15:53:40.072	-0.1	34.8		5.16		TAS		19.2	1.11	m_e	mb 5.1
MOX	82.46		L	16:32:55.045						T__		97.1	20.20	a_e	Ms 4.2
NEUB	81.95		P	15:53:37.554	-0.2	34.8		5.16		TAS		41.9	1.06	a_e	mb 5.5
PLN	82.39		P	15:53:39.891	0.0	34.8		5.16		TAS		3.9	0.98	m_e	mb 4.5
RETH	81.53		P	15:53:35.654	0.1	34.8		5.16		TAS		29.9	1.26	a_e	mb 5.3
ROTZ	82.95		P	15:53:43.354	0.2	34.8		5.16		TAS		8.2	1.32	a_e	mb 4.8
STU	84.89		P	15:53:52.904	0.1	34.8		5.16		TAS		106.5	1.05	a_e	mb 6.0
TANN	82.33		P	15:53:39.754	0.2	34.8		5.16		TAS		9.1	1.09	a_e	mb 4.8
TNS	83.94		P	15:53:48.154	0.1	34.8		5.16		TAS		27.1	1.31	a_e	mb 5.3
WET	83.20		P	15:53:44.420	-0.2	34.8		5.16		TAS		23.6	1.21	m_e	mb 5.3
WLF	85.20		P	15:53:54.654	0.5	34.8		5.16		TAS		22.9	1.06	m_e	mb 5.3
WLS			P	15:53:57.704	-0.2	34.8		5.16		TAS		17.3	1.08	a_e	mb 5.1
ZELS			P	15:53:57.704	-0.5	34.8		5.16		TAS		78.8	1.09	a_e	mb 5.8

Event 603009 Northern Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/03	07:35:33.70			-23.3200	-68.3600				87.0			14		98.03	102.06	m i ke	EMSC
	603041																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	101.66		Pdiff	07:49:16.053	-0.1	248.0		4.51		TAS				m_e	
BUG	99.45		Pdiff	07:49:05.950	0.1	248.0		4.51		TAS				m_e	

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CLZ	101.38	Pdiff	07:49:14.468	0.3	248.0	4.51	TAS	m_e
FLT1	102.06	Pdiff	07:49:17.637	-0.6	248.0	4.51	TAS	m_e
IBBN	100.09	Pdiff	07:49:08.921	-0.1	248.0	4.51	TAS	m_e
KAST	100.00	Pdiff	07:49:07.931	0.3	248.0	4.51	TAS	m_e
MANZ	101.67	Pdiff	07:49:16.449		248.0	4.51	TAS	m_e
RETH	101.16	Pdiff	07:49:14.270	0.0	248.0	4.51	TAS	m_e
ROTZ	101.65	Pdiff	07:49:16.449		248.0	4.51	TAS	m_e
TANN	102.05	Pdiff	07:49:18.232		248.0	4.51	TAS	m_e
TNS	99.61	Pdiff	07:49:06.742		248.0	4.51	TAS	m_e
UBBA	100.76	Pdiff	07:49:11.893		248.0	4.51	TAS	m_e
WET	101.82	Pdiff	07:49:16.845		248.0	4.51	TAS	m_e
WLF	98.03	Pdiff	07:49:00.007		248.0	4.51	TAS	m_e

Event 603001 Iraq

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/03	08:17:15.15			34.5100	43.7800				33.0			9		26.43	31.39	m i ke	BGR
OrigID 603007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	603007
Ms	5.4		BGR	603007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	27.83		P	08:23:00.019		112.2		8.95		TAS		7.6	0.81	m_e mb	4.6
CLZ	29.54		P	08:23:15.641	0.1	112.2		8.95		TAS		21.8	0.87	m_e mb	5.0
GEC2	26.43		P	08:22:48.144		112.2		8.95		TAS		6.0	0.91	m_e mb	4.2
GOR1	29.49		P	08:23:15.227	-0.4	112.2		8.95		TAS		29.6	0.84	m_e mb	5.2
GRA1	28.25		P	08:23:04.596		112.2		8.95		TAS		42.3	0.88	m_e mb	5.3
GRA1	28.25		L	08:33:55.859						T__	11445.4	19.40	a_e	Ms	5.5
KAST	30.45		P	08:23:24.381		112.2		8.95		TAS		22.2	0.94	m_e mb	5.0
MOX	28.36		L	08:34:58.342						T__	9009.5	19.40	a_e	Ms	5.4
RETH	30.46		P	08:23:24.571	-0.6	112.2		8.95		TAS		25.1	0.97	m_e mb	5.0
ROTZ	27.68		P	08:22:59.592		112.2		8.95		TAS		3.5	0.90	m_e mb	4.2
WLF	31.39		P	08:23:31.677		112.2		8.95		TAS		36.0	0.84	m_e mb	5.3

Event 603002 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/03	09:03:22.12			33.6830	26.4190				33.0			19		17.87	22.96	m i ke	BGR
OrigID 603008																	

Magnitude	Err	Nsta	Author	OrigID
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mb 4.8 BGR 603008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	21.66		P	09:08:09.879		139.3		10.91		TAS		40.5	1.11	m_e	mb 4.8
BUG	22.55		P	09:08:20.463		139.3		10.91		TAS		119.8	1.04	m_e	mb 5.4
CLL	20.14		P	09:07:53.641	-0.4	139.3		10.91		TAS		92.7	1.68	m_e	mb 4.7
CLZ	21.55		P	09:08:09.154		139.3		10.91		TAS		154.2	2.03	m_e	mb 5.1
FLT1	21.61		P	09:08:09.009		139.3		10.91		TAS		107.6	1.39	m_e	mb 5.1
FUR	18.39		P	09:07:35.083	0.2	139.3		10.91		TAS		130.3	1.05	m_e	mb 5.0
GEC2	17.87		P	09:07:28.994	0.4	139.3		10.91		TAS		14.7	0.87	m_e	mb 4.1
GOR1	22.12		P	09:08:14.518		139.3		10.91		TAS		112.3	1.37	m_e	mb 5.1
GTTG	21.48		P	09:08:09.009	-0.3	139.3		10.91		TAS		130.0	1.06	m_e	mb 5.2
IBBN	22.96		P	09:08:24.522		139.3		10.91		TAS		65.2	1.08	m_e	mb 5.1
KAST	21.88		P	09:08:13.069		139.3		10.91		TAS		78.4	1.14	m_e	mb 5.0
MOX	20.13		P	09:07:53.786	-0.3	139.3		10.91		TAS		207.0	1.96	m_e	mb 5.0
NEUB	20.50		P	09:07:58.425	0.1	139.3		10.91		TAS		60.2	1.17	m_e	mb 4.8
PLN	19.79		P	09:07:50.016	0.4	139.3		10.91		TAS		42.0	1.64	m_e	mb 4.4
RETH	22.64		P	09:08:21.043		139.3		10.91		TAS		178.3	1.29	m_e	mb 5.4
ROTZ	19.20		P	09:07:41.873	0.6	139.3		10.91		TAS		5.4	1.00	m_e	mb 3.7
TANN	19.62		P	09:07:48.567	0.8	139.3		10.91		TAS		88.5	1.14	m_e	mb 4.9
UBBA	20.92		P	09:08:02.195	0.2	139.3		10.91		TAS		39.6	1.54	m_e	mb 4.5
WET	18.44		P	09:07:35.663	-1.8	139.3		10.91		TAS		68.4	1.31	m_e	mb 4.6

Event 603003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/03	09:31:38.70			-25.0200	-176.7300				100.0			13		150.67	154.33	m i ke	EMSC
	603035																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	152.35		PKPbc	09:51:22.395	0.0	17.0		2.14		TAS				a_e	
BRG	152.91		PKPbc	09:51:23.745		17.0		2.14		TAS				a_e	
CLL	152.71		PKPbc	09:51:23.175	0.1	17.0		2.14		TAS				m_e	
CLZ	152.67		PKPbc	09:51:23.345	0.0	17.0		2.14		TAS				a_e	
FLT1	152.06		PKPbc	09:51:21.495	-0.0	17.0		2.14		TAS				a_e	
GOR1	151.42		PKPbc	09:51:20.495	-0.0	17.0		2.14		TAS				a_e	
HLG	150.67		PKPbc	09:51:18.745	0.2	17.0		2.14		TAS				m_e	
KAST	153.56		PKPbc	09:51:24.995	-0.2	17.0		2.14		TAS				a_e	
MOX	153.62		PKPbc	09:51:25.003		17.0		2.14		TAS				m_e	
NEUB	153.06		PKPbc	09:51:23.945		17.0		2.14		TAS				a_e	
PLN	153.66		PKPbc	09:51:25.344		17.0		2.14		TAS				m_e	
RETH	151.94		PKPbc	09:51:21.445	-0.2	17.0		2.14		TAS				a_e	
ROTZ	154.33		PKPbc	09:51:26.537		17.0		2.14		TAS				m_e	

Event 603006 Bali Sea
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/03 15:54:04.60 -7.0100 116.8800 650.0 9 103.57 107.52 m i ke EMSC
 603038

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	107.52		Pdiff	16:07:14.665		85.3		4.40		TAS				m_e	
BRG	103.57		Pdiff	16:06:57.905	-0.1	85.3		4.40		TAS				m_e	
CLZ	105.67		Pdiff	16:07:07.378		85.3		4.40		TAS				m_e	
GEC2	103.92		Pdiff	16:06:58.998	0.2	85.3		4.40		TAS				m_e	
KAST	106.98		Pdiff	16:07:12.844		85.3		4.40		TAS				m_e	
MANZ	104.83		Pdiff	16:07:03.734		85.3		4.40		TAS				m_e	
ROTZ	104.79		Pdiff	16:07:03.370	-0.2	85.3		4.40		TAS				m_e	
TANN	104.56		Pdiff	16:07:02.095	-0.2	85.3		4.40		TAS				m_e	
TNS	107.13		Pdiff	16:07:13.937		85.3		4.40		TAS				m_e	

Event 603008 Off east coast of Honshu, Japan
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/03 20:31:15.37 36.6050 142.4740 33.0 28 81.22 86.63 m i ke BGR
 603014

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 603014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.09		P	20:43:51.172	-0.2	37.4		5.12		TAS		16.7	0.91	a_e mb	5.2
BRG	81.85		P	20:43:29.472	-0.2	37.4		5.12		TAS		12.3	1.00	a_e mb	5.0
BUG	83.94		P	20:43:40.376	0.1	37.4		5.12		TAS		11.2	0.87	m_e mb	5.1
CIEL			P	20:43:51.222	0.0	37.4		5.12		TAS		28.6	1.09	a_e mb	5.3
CLL	81.89		P	20:43:29.472	-0.4	37.4		5.12		TAS		24.2	0.87	a_e mb	5.3
CLZ	82.48		P	20:43:33.222	0.3	37.4		5.12		TAS		19.3	1.05	a_e mb	5.2
ECH	86.63		P	20:43:53.722	-0.5	37.4		5.12		TAS		18.0	0.86	a_e mb	5.2
FLT1	81.76		P	20:43:28.672	-0.6	37.4		5.12		TAS		21.5	0.83	a_e mb	5.3
FUR	85.06		P	20:43:46.396	0.3	37.4		5.12		TAS		24.1	0.76	m_e mb	5.5
GEC2	83.52		P	20:43:37.922	-0.3	37.4		5.12		TAS		12.0	1.22	m_e mb	5.0
GOR1	81.22		P	20:43:26.408	-0.0	37.4		5.12		TAS		19.3	1.11	m_e mb	5.0
GRA1	83.86		P	20:43:40.522	0.5	37.4		5.12		TAS		27.2	0.82	a_e mb	5.5
GRFO	83.87		P	20:43:40.522	0.5	37.4		5.12		TAS		26.7	0.84	a_e mb	5.5
GTTG	82.87		P	20:43:35.072	0.2	37.4		5.12		TAS		17.7	0.92	a_e mb	5.3

HOHE		P	20:43:51.822	0.1	37.4	5.12	TAS	29.4	1.09	a_e	mb	5.3
IBBN	83.05	P	20:43:35.922	0.1	37.4	5.12	TAS	23.8	0.93	a_e	mb	5.4
KAST	83.72	P	20:43:39.338	0.1	37.4	5.12	TAS	6.0	0.87	m_e	mb	4.8
LEMB		P	20:43:49.372	-0.2	37.4	5.12	TAS	11.6	0.84	a_e	mb	5.0
MANZ	83.28	P	20:43:37.072	0.0	37.4	5.12	TAS	1.9	0.70	a_e	mb	4.4
MOX	82.95	P	20:43:35.322	-0.0	37.4	5.12	TAS	14.3	1.25	a_e	mb	5.1
NEUB	82.46	P	20:43:32.622	-0.2	37.4	5.12	TAS	25.1	0.85	a_e	mb	5.4
PLN	82.87	P	20:43:34.872	-0.0	37.4	5.12	TAS	1.9	0.82	a_e	mb	4.4
RETH	82.13	P	20:43:31.272	0.2	37.4	5.12	TAS	14.7	0.98	a_e	mb	5.1
RJOB	84.77	P	20:43:44.772	0.1	37.4	5.12	TAS	9.6	0.97	a_e	mb	5.0
ROTZ	83.41	P	20:43:38.072	0.4	37.4	5.12	TAS	2.1	0.81	a_e	mb	4.4
TANN	82.80	P	20:43:34.481	-0.1	37.4	5.12	TAS	4.0	0.88	m_e	mb	4.7
WET	83.63	P	20:43:38.972	0.1	37.4	5.12	TAS	6.7	0.99	a_e	mb	4.8
WLS		P	20:43:52.822	-0.2	37.4	5.12	TAS	8.1	1.02	a_e	mb	4.8

Event 604001 Southern Nevada, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/04	01:32:25.25			37.5000	-116.5000				33.0			12		78.58	82.01	m i ke	BGR
	604007																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	604007
Ms	5.5		BGR	604007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	79.57		P	01:44:30.373	-0.1	320.6		5.33		TAS		13.0	0.95	m_e	mb	4.8
BFO	81.47		P	01:44:40.418	-0.1	320.6		5.33		TAS		13.1	1.18	m_e	mb	4.8
BRG	81.83		P	01:44:41.952	-0.5	320.6		5.33		TAS		25.1	1.27	m_e	mb	5.2
CLZ	79.67		P	01:44:31.792	0.4	320.6		5.33		TAS		18.4	1.11	m_e	mb	4.9
GOR1	79.16		P	01:44:28.725	-1.0	320.6		5.33		TAS		33.0	1.34	m_e	mb	5.2
GRA1	81.67		P	01:44:42.047	-0.3	320.6		5.33		TAS		29.5	1.09	m_e	mb	5.3
GRA1	81.67		L	02:22:40.114						T__		2944.4	18.30	a_e	Ms	5.7
MANZ	81.80		P	01:44:42.359		320.6		5.33		TAS		1.9	0.99	m_e	mb	4.2
MOX	81.09		P	01:44:38.686		320.6		5.33		TAS		17.8	1.33	m_e	mb	4.9
MOX	81.09		L	02:21:42.154						T__		1588.0	20.60	a_e	Ms	5.4
PLN	81.43		P	01:44:40.470		320.6		5.33		TAS		4.8	1.07	m_e	mb	4.5
RETH	78.58		P	01:44:24.154		320.6		5.33		TAS		15.2	1.23	m_e	mb	4.9
ROTZ	82.01		P	01:44:43.173		320.6		5.33		TAS		1.1	0.88	m_e	mb	4.0
TANN	81.61		P	01:44:41.208		320.6		5.33		TAS		10.7	1.15	m_e	mb	4.9

Event 604003 Halmahera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2020/06/04 08:49:38.70 2.9600 128.2400 105.0 15 102.75 105.82 m i ke EMSC
 604035

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	102.75		Pdiff	09:03:23.740	-0.0	64.8		4.67		TAS				m_e	
CLL	103.14		Pdiff	09:03:24.775	-0.1	64.8		4.67		TAS				m_e	
CLZ	104.44		Pdiff	09:03:31.077	-0.1	64.8		4.67		TAS				m_e	
FLT1	103.75		Pdiff	09:03:27.503	0.3	64.8		4.67		TAS				m_e	
GEC2	103.62		Pdiff	09:03:27.785		64.8		4.67		TAS				m_e	
GOR1	103.45		Pdiff	09:03:26.750	-0.3	64.8		4.67		TAS				m_e	
GRA1	104.81		Pdiff	09:03:33.335		64.8		4.67		TAS				m_e	
IBBN	105.70		Pdiff	09:03:36.628	0.3	64.8		4.67		TAS				m_e	
KAST	105.82		Pdiff	09:03:37.757	-0.1	64.8		4.67		TAS				m_e	
MANZ	104.17		Pdiff	09:03:29.949		64.8		4.67		TAS				m_e	
MOX	104.20		Pdiff	09:03:30.043		64.8		4.67		TAS				m_e	
PLN	103.95		Pdiff	09:03:29.102		64.8		4.67		TAS				m_e	
ROTZ	104.19		Pdiff	09:03:30.137		64.8		4.67		TAS				m_e	
TANN	103.80		Pdiff	09:03:28.255		64.8		4.67		TAS				m_e	
UBBA	105.08		Pdiff	09:03:33.994		64.8		4.67		TAS				m_e	

Event 604009 France

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/04 17:16:37.30 49.9700 0.8700 2.0 3.82 5.26 m i ke LDG
 604053

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	4.31		Pn	17:17:41.981	-1.7					T__				m_e	
BERGE	5.26		Pn	17:17:54.559	-2.5					T__				m_e	
BFO	5.16		Pn	17:17:53.447	-1.9					T__				m_e	
CIEL			Pn	17:17:42.836	1.8					T__				m_e	
ECH	4.49		Pn	17:17:44.034	1.4					T__				m_e	
LEMB			Pn	17:17:45.067	-0.2					T__				m_e	
RIVT	3.82		Pn	17:17:35.178	1.6					T__				m_e	
RONF			Pn	17:17:43.350	0.5					T__				m_e	
WLS			Pn	17:17:44.462	1.1					T__				m_e	

Event 605001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/05	01:16:35.56			-21.3070	175.8260				33.0			10		146.81	151.23	m i ke	BGR
OrigID 605007																	

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	151.23		PKPbc	01:36:26.301	-0.2	28.8		2.66		TAS				m_e	
BRG	147.25		PKPbc	01:36:15.441	-0.1	28.8		2.66		TAS				m_e	
CLL	147.19		PKPbc	01:36:15.372	0.0	28.8		2.66		TAS				m_e	
CLZ	147.49		PKPbc	01:36:15.614	-0.9	28.8		2.66		TAS				m_e	
FLT1	146.81		PKPbc	01:36:14.063	0.4	28.8		2.66		TAS				m_e	
GEC2	149.03		PKPbc	01:36:20.154	0.2	28.8		2.66		TAS				m_e	
MANZ	148.61		PKPbc	01:36:19.356	0.5	28.8		2.66		TAS				m_e	
RJOB	150.29		PKPbc	01:36:23.501		28.8		2.66		TAS				m_e	
ROTZ	148.77		PKPbc	01:36:19.509	-0.1	28.8		2.66		TAS				m_e	
TANN	148.13		PKPbc	01:36:17.802	0.5	28.8		2.66		TAS				m_e	
WET	149.08		PKPbc	01:36:20.359	-0.2	28.8		2.66		TAS				m_e	

Event 605002 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/05	06:19:34.97			-23.7350	-175.1040				49.7	2.0		17		150.51	154.10	m i ke	BGR
OrigID 605008																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	605008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.31		PKPbc	06:39:25.065	0.2	13.1		2.23		TAS				m_e	
ASSE	151.31		pPKPbc	06:39:40.192	0.1					T__				m_e	
BRG	152.01		PKPbc	06:39:27.286	0.1	13.1		2.23		TAS				m_e	
BUG	152.28		PKPbc	06:39:27.828		13.1		2.23		TAS				m_e	
CLL	151.77		PKPbc	06:39:26.357	0.4	13.1		2.23		TAS				m_e	
CLZ	151.62		PKPbc	06:39:26.171	-0.1	13.1		2.23		TAS				m_e	
FLT1	151.04		PKPbc	06:39:24.465	0.2	13.1		2.23		TAS				m_e	
GEC2	153.99		PKPbc	06:39:31.350		13.1		2.23		TAS				m_e	
GRA1	153.62		PKPbc	06:39:30.526		13.1		2.23		TAS				m_e	
GRA1	153.62		L	07:49:08.679						T__		179.0	20.60	a_e Ms	4.9
GTTG	151.96		PKPbc	06:39:26.890	0.1	13.1		2.23		TAS				m_e	
IBBN	151.39		PKPbc	06:39:25.577	0.2	13.1		2.23		TAS				m_e	
KAST	152.44		PKPbc	06:39:28.133	0.1	13.1		2.23		TAS				m_e	
MANZ	153.20		PKPbc	06:39:29.647	-0.1	13.1		2.23		TAS				m_e	
MOX	152.63		PKPbc	06:39:28.427	0.2	13.1		2.23		TAS				m_e	
MOX	152.63		L	07:48:07.150						T__		180.5	21.80	a_e Ms	4.8

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Tue Feb 22 15:12:57 2022

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NEUB	152.08	PKPbc	06:39:27.283	-0.6	13.1	2.23	TAS	m_e
ROTZ	153.39	PKPbc	06:39:30.235	-0.2	13.1	2.23	TAS	m_e
RUE	150.51	PKPbc	06:39:23.401	-0.2	13.1	2.23	TAS	m_e
TANN	152.72	PKPbc	06:39:28.411	0.1	13.1	2.23	TAS	m_e
TNS	153.41	PKPbc	06:39:30.319	0.1	13.1	2.23	TAS	m_e
UBBA	152.67	PKPbc	06:39:28.005	0.1	13.1	2.23	TAS	m_e
UBBA	152.67	pPKPbc	06:39:43.450	0.1			T__	m_e
WET	153.87	PKPbc	06:39:31.205		13.1	2.23	TAS	m_e
WET	153.87	pPKPbc	06:39:45.617	0.1			T__	m_e
WLF	154.10	PKPbc	06:39:32.195		13.1	2.23	TAS	m_e

Event 605003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/05	09:58:13.10			-18.2840	-175.5830				33.0			16		145.10	149.86	m i ke	BGR
	605009																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.87		PKPbc	10:17:48.519	-0.0	12.3		2.77		TAS					m_e
BFO	149.86		PKPbc	10:17:59.690		12.3		2.77		TAS					m_e
BRG	146.61		PKPbc	10:17:50.935	0.5	12.3		2.77		TAS					m_e
BUG	146.84		PKPbc	10:17:51.724	0.2	12.3		2.77		TAS					m_e
CLL	146.35		PKPbc	10:17:50.062	0.2	12.3		2.77		TAS					m_e
CLZ	146.19		PKPbc	10:17:49.583	-0.1	12.3		2.77		TAS					m_e
FLT1	145.60		PKPbc	10:17:47.856	0.0	12.3		2.77		TAS					m_e
FUR	149.68		PKPbc	10:17:59.336		12.3		2.77		TAS					m_e
GEC2	148.60		PKPbc	10:17:56.286		12.3		2.77		TAS					m_e
GRA1	148.19		PKPbc	10:17:55.092		12.3		2.77		TAS					m_e
GTTG	146.52		PKPbc	10:17:50.401	0.2	12.3		2.77		TAS					m_e
IBBN	145.95		PKPbc	10:17:48.954	0.0	12.3		2.77		TAS					m_e
KAST	147.00		PKPbc	10:17:51.952	-0.2	12.3		2.77		TAS					m_e
MANZ	147.78		PKPbc	10:17:54.003	-0.0	12.3		2.77		TAS					m_e
MOX	147.21		PKPbc	10:17:52.454	-0.2	12.3		2.77		TAS					m_e
NEUB	146.65		PKPbc	10:17:50.734	-0.2	12.3		2.77		TAS					m_e
ROTZ	147.97		PKPbc	10:17:54.782		12.3		2.77		TAS					m_e
RUE	145.10		PKPbc	10:17:46.293	-0.4	12.3		2.77		TAS					m_e
STU	149.34		PKPbc	10:17:58.275		12.3		2.77		TAS					m_e
TANN	147.30		PKPbc	10:17:52.934	-0.2	12.3		2.77		TAS					m_e
TNS	147.97		PKPbc	10:17:54.836	-0.0	12.3		2.77		TAS					m_e
UBBA	147.24		PKPbc	10:17:52.497	-0.2	12.3		2.77		TAS					m_e
WET	148.46		PKPbc	10:17:55.932		12.3		2.77		TAS					m_e
WLF	148.66		PKPbc	10:17:57.279		12.3		2.77		TAS					m_e

Event 605004 Tonga Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/05 11:36:04.58 -17.7110 -172.6240 33.0 15 145.32 149.45 m i ke BGR
 605010

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.45		PKPbc	11:55:50.038		6.9		2.80		TAS					m_e
BRG	146.50		PKPbc	11:55:41.955	0.7	6.9		2.80		TAS					m_e
CLL	146.18		PKPbc	11:55:40.821	-0.3	6.9		2.80		TAS					m_e
CLZ	145.86		PKPbc	11:55:39.843	0.0	6.9		2.80		TAS					m_e
FLT1	145.32		PKPbc	11:55:38.115	0.2	6.9		2.80		TAS					m_e
GEC2	148.52		PKPbc	11:55:47.438		6.9		2.80		TAS					m_e
GRA1	147.95		PKPbc	11:55:45.878		6.9		2.80		TAS					m_e
GTTG	146.18		PKPbc	11:55:41.034	-0.3	6.9		2.80		TAS					m_e
IBBN	145.48		PKPbc	11:55:39.038	0.0	6.9		2.80		TAS					m_e
KAST	146.57		PKPbc	11:55:42.050	0.4	6.9		2.80		TAS					m_e
MANZ	147.58		PKPbc	11:55:44.963	0.0	6.9		2.80		TAS					m_e
MOX	146.97		PKPbc	11:55:43.335	0.2	6.9		2.80		TAS					m_e
NEUB	146.41		PKPbc	11:55:41.492	-0.1	6.9		2.80		TAS					m_e
ROTZ	147.79		PKPbc	11:55:45.642	-0.3	6.9		2.80		TAS					m_e
TANN	147.12		PKPbc	11:55:43.988	-0.0	6.9		2.80		TAS					m_e
TNS	147.56		PKPbc	11:55:45.075	0.3	6.9		2.80		TAS					m_e
UBBA	146.90		PKPbc	11:55:42.958	0.3	6.9		2.80		TAS					m_e

Event 605005 Eastern Kalaallit Nunaat
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/05 16:26:10.46 79.3920 -18.2470 10.0 31.57 31.57 m i ke BGR
 605011

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 605011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	31.57		P	16:32:32.096		352.0		8.69		TAS		17.6	1.20	m_e mb	4.9

Event 605006 Turkey
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author

OrigID
2020/06/05 18:06:22.02 39.8510 40.9950 10.0 23.18 23.18 m i ke BGR
605012

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 605012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 23.18 P 18:11:25.612 110.8 11.34 TAS 76.2 0.95 m_e mb 5.2

Event 606001 Northern Xinjiang, China
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/06/06 00:10:17.90 42.8830 85.3790 21.0 49.77 49.77 m i ke BGR
606007

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 606007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 49.77 P 00:19:06.136 71.5 6.92 TAS 4.8 0.79 m_e mb 4.5
GRA1 49.77 pP 00:19:11.816 T__ m_e

Event 606002 Ascension Island region
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/06/06 05:03:10.15 -7.4770 -11.4960 25.0 2.4 11 58.25 62.14 m i ke BGR
606008

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 606008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BFO 58.25 P 05:13:03.085 206.1 6.83 TAS 16.5 1.06 m_e mb 5.0
BRG 62.14 P 05:13:29.543 -0.1 206.1 6.83 TAS 6.6 0.96 m_e mb 4.8
BRG 62.14 pP 05:13:36.202 -0.1 T__ m_e
FUR 58.93 P 05:13:08.332 206.1 6.83 TAS 21.6 0.86 m_e mb 5.2
FUR 58.93 pP 05:13:15.292 -0.1 T__ m_e
GEC2 60.28 P 05:13:17.900 0.1 206.1 6.83 TAS 16.7 1.00 m_e mb 5.0
GRA1 60.28 P 05:13:17.291 -0.0 206.1 6.83 TAS 7.4 0.68 m_e mb 4.8
MANZ 60.80 P 05:13:20.656 -0.5 206.1 6.83 TAS 3.9 1.01 m_e mb 4.2
MANZ 60.80 pP 05:13:27.851 -0.1 T__ m_e
MOX 61.25 P 05:13:24.176 0.1 206.1 6.83 TAS 12.6 0.92 m_e mb 4.7

MOX	61.25	pP	05:13:30.468	-0.1						T__					m_e
RJOB	59.02	P	05:13:08.256		206.1		6.83			TAS	10.1	0.69	m_e	mb	5.0
RJOB	59.02	pP	05:13:15.831	-0.1						T__					m_e
ROTZ	60.64	P	05:13:19.430	0.5	206.1		6.83			TAS	3.3	1.02	m_e	mb	4.1
ROTZ	60.64	pP	05:13:26.705	-0.1						T__					m_e
TANN	61.29	P	05:13:24.482	-0.1	206.1		6.83			TAS	18.0	0.99	m_e	mb	4.9
TNS	60.02	P	05:13:15.059	-0.5	206.1		6.83			TAS	5.9	0.82	m_e	mb	4.7
TNS	60.02	pP	05:13:22.254	-0.1						T__					m_e
UBBA	60.97	P	05:13:21.956	-0.2	206.1		6.83			TAS	63.4	1.65	m_e	mb	5.2
UBBA	60.97	pP	05:13:28.621	-0.1						T__					m_e
WET	60.29	P	05:13:17.440	0.5	206.1		6.83			TAS	18.1	0.98	m_e	mb	5.1
WET	60.29	pP	05:13:24.228	-0.1						T__					m_e

Event 606003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/06	07:20:54.46			-23.4990	-177.6050				33.0			17		150.43	154.21	m i ke	BGR
	606009																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	151.24		PKPbc	07:40:44.937	-0.3	18.0		2.29		TAS					m_e
BUG	151.85		PKPbc	07:40:46.799	-0.2	18.0		2.29		TAS					m_e
CLL	151.05		PKPbc	07:40:44.270	0.1	18.0		2.29		TAS					m_e
CLZ	151.04		PKPbc	07:40:44.378	0.1	18.0		2.29		TAS					m_e
FLT1	150.43		PKPbc	07:40:42.830	0.3	18.0		2.29		TAS					m_e
GEC2	153.17		PKPbc	07:40:49.145		18.0		2.29		TAS					m_e
GRA1	152.95		PKPbc	07:40:48.514	-0.3	18.0		2.29		TAS					m_e
GTTG	151.40		PKPbc	07:40:45.239	-0.2	18.0		2.29		TAS					m_e
IBBN	150.95		PKPbc	07:40:44.282	-0.2	18.0		2.29		TAS					m_e
KAST	151.95		PKPbc	07:40:46.678	0.1	18.0		2.29		TAS					m_e
MANZ	152.49		PKPbc	07:40:47.539	0.3	18.0		2.29		TAS					m_e
MOX	151.97		PKPbc	07:40:46.472	0.2	18.0		2.29		TAS					m_e
NEUB	151.41		PKPbc	07:40:45.068	0.0	18.0		2.29		TAS					m_e
ROTZ	152.67		PKPbc	07:40:47.970	-0.2	18.0		2.29		TAS					m_e
STU	154.21		PKPbc	07:40:51.220		18.0		2.29		TAS					m_e
TANN	152.01		PKPbc	07:40:46.590	0.2	18.0		2.29		TAS					m_e
TNS	152.91		PKPbc	07:40:48.825	0.2	18.0		2.29		TAS					m_e
UBBA	152.09		PKPbc	07:40:46.675	0.2	18.0		2.29		TAS					m_e
WET	153.10		PKPbc	07:40:48.970	0.0	18.0		2.29		TAS					m_e

Event 606004 Fiji Islands region

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/06	10:55:45.88			-18.9100	173.1780				33.0					146.05	146.05	m i ke	BGR
OrigID 606010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.05		PKPbc	11:15:21.735		29.4		2.86		TAS				m_e	

Event 606005 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/06	20:19:29.03			73.0730	9.4490				10.0					23.48	23.48	m i ke	BGR
OrigID 606011																	

Magnitude Err Nsta Author OrigID

mb 4.2 BGR 606011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.48		P	20:24:38.123		358.5		10.35		TAS		6.3	0.81	m_e mb	4.2

Event 606006 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/06	23:13:01.42			-16.5100	-172.4970				33.0				17	144.68	148.56	m i ke	BGR
OrigID 606012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.26		PKPbc	23:32:43.750		6.5		2.96		TAS				m_e	
BRG	145.33		PKPbc	23:32:35.008	-0.1	6.5		2.96		TAS				m_e	
BUG	145.15		PKPbc	23:32:34.381	-0.6	6.5		2.96		TAS				m_e	
CLL	145.01		PKPbc	23:32:33.674	-0.6	6.5		2.96		TAS				m_e	
CLZ	144.68		PKPbc	23:32:32.787	0.4	6.5		2.96		TAS				m_e	
FUR	148.28		PKPbc	23:32:43.864		6.5		2.96		TAS				m_e	
GEC2	147.36		PKPbc	23:32:41.180	-0.3	6.5		2.96		TAS				m_e	
GRA1	146.77		PKPbc	23:32:39.302	0.0	6.5		2.96		TAS				m_e	
GTTG	144.99		PKPbc	23:32:33.607	0.1	6.5		2.96		TAS				m_e	
KAST	145.38		PKPbc	23:32:34.844	-0.2	6.5		2.96		TAS				m_e	
MANZ	146.40		PKPbc	23:32:38.245	0.4	6.5		2.96		TAS				m_e	
MOX	145.79		PKPbc	23:32:36.148	0.2	6.5		2.96		TAS				m_e	

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NEUB	145.23	PKPbc	23:32:34.500	-0.2	6.5	2.96	TAS	m_e
RJOB	148.56	PKPbc	23:32:44.428		6.5	2.96	TAS	m_e
ROTZ	146.61	PKPbc	23:32:38.935	0.0	6.5	2.96	TAS	m_e
STU	147.80	PKPbc	23:32:42.392		6.5	2.96	TAS	m_e
TANN	145.94	PKPbc	23:32:36.777	0.4	6.5	2.96	TAS	m_e
TNS	146.36	PKPbc	23:32:38.236	0.2	6.5	2.96	TAS	m_e
UBBA	145.72	PKPbc	23:32:35.813	0.0	6.5	2.96	TAS	m_e
WET	147.16	PKPbc	23:32:40.382	0.0	6.5	2.96	TAS	m_e
WLF	146.91	PKPbc	23:32:40.577	0.3	6.5	2.96	TAS	m_e

Event 607001 Southwest of Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/06	23:50:01.01			-5.5580	100.9610				33.0					94.03	94.03	m i ke	BGR
OrigID 607007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	607007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	94.03		P	00:03:16.289		112.2		3.97		TAS		4.9	0.85	m_e mb	4.9

Event 607002 Northern Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/07	10:31:24.36			-2.2860	-74.0310				33.0				17	85.38	90.47	m i ke	BGR
OrigID 607008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	607008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.61		P	10:44:04.714		264.9		4.71		TAS		15.3	1.01	m_e mb	5.1
BRG	90.47		P	10:44:23.416	-0.3	264.9		4.71		TAS		22.0	0.93	m_e mb	5.4
BUG	86.35		P	10:44:03.753	-0.0	264.9		4.71		TAS		35.7	0.80	m_e mb	5.5
CLL	89.91		P	10:44:20.585	0.5	264.9		4.71		TAS		15.6	0.94	m_e mb	5.2
CLZ	88.32		P	10:44:13.244	-0.1	264.9		4.71		TAS		24.4	0.85	m_e mb	5.6
FLT1	88.89		P	10:44:15.707	-0.1	264.9		4.71		TAS		24.7	0.94	m_e mb	5.4
FUR	88.55		P	10:44:13.913		264.9		4.71		TAS		26.0	0.97	m_e mb	5.4
GEC2	90.21		P	10:44:21.715		264.9		4.71		TAS		6.9	0.86	m_e mb	4.9
GRA1	88.65		P	10:44:14.686		264.9		4.71		TAS		19.4	1.08	m_e mb	5.2
GTTG	88.03		P	10:44:11.682	-0.4	264.9		4.71		TAS		25.9	0.88	m_e mb	5.6
IBBN	86.77		P	10:44:05.601	-0.3	264.9		4.71		TAS		27.1	0.81	m_e mb	5.4

KAST	87.03	P	10:44:06.756	0.5	264.9	4.71	TAS	21.1	0.85	m_e	mb	5.3
MANZ	89.25	P	10:44:17.750	0.1	264.9	4.71	TAS	3.3	0.91	m_e	mb	4.6
MOX	88.98	P	10:44:16.317	-0.3	264.9	4.71	TAS	12.5	1.04	m_e	mb	5.1
NEUB	89.13	P	10:44:16.873	-0.3	264.9	4.71	TAS	14.7	0.83	m_e	mb	5.2
RGN	90.30	P	10:44:22.433	-0.3	264.9	4.71	TAS	76.3	0.81	m_e	mb	6.0
RJOB	89.54	P	10:44:18.593		264.9	4.71	TAS	25.0	1.26	m_e	mb	5.3
ROTZ	89.29	P	10:44:18.050	-0.4	264.9	4.71	TAS	4.5	0.91	m_e	mb	4.7
RUE	90.46	P	10:44:22.982	-0.3	264.9	4.71	TAS	20.6	0.88	m_e	mb	5.4
STU	87.23	P	10:44:07.848		264.9	4.71	TAS	76.3	0.93	m_e	mb	5.8
TANN	89.50	P	10:44:18.814	-0.3	264.9	4.71	TAS	31.3	1.02	m_e	mb	5.5
TNS	86.92	P	10:44:06.761	-0.4	264.9	4.71	TAS	40.1	0.96	m_e	mb	5.5
UBBA	87.98	P	10:44:11.562	0.1	264.9	4.71	TAS			m_e		
WET	89.68	P	10:44:19.540		264.9	4.71	TAS			m_e		
WLF	85.38	P	10:43:59.488		264.9	4.71	TAS	58.6	0.89	m_e	mb	5.8

Event 607003 East of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/07	20:06:06.36			-19.4260	158.5740				33.0			24		137.16	142.64	m i ke	BGR
607009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	607009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	138.87		PKPdf	20:25:29.357	0.0	52.5		1.84		TAS				m_e		
BFO	142.47		PKPdf	20:25:36.129	-0.1	52.5		1.84		TAS				m_e		
BRG	138.02		PKPdf	20:25:28.094	0.0	52.5		1.84		TAS				m_e		
BUG	140.90		PKPdf	20:25:33.523	-0.2	52.5		1.84		TAS				m_e		
CLL	138.24		PKPdf	20:25:28.202	-0.2	52.5		1.84		TAS				m_e		
CLZ	139.19		PKPdf	20:25:30.228	0.1	52.5		1.84		TAS				m_e		
FLT1	138.47		PKPdf	20:25:28.844	-0.2	52.5		1.84		TAS				m_e		
FUR	141.01		PKPdf	20:25:33.405	-0.2	52.5		1.84		TAS				m_e		
GEC2	139.30		PKPdf	20:25:30.447	0.2	52.5		1.84		TAS				m_e		
GRA1	140.13		PKPdf	20:25:32.138	0.0	52.5		1.84		TAS				m_e		
GRA1	140.13		L	21:20:09.535						T__		1286.4	21.20	a_e	Ms	5.7
GTTG	139.58		PKPdf	20:25:30.985	0.1	52.5		1.84		TAS				m_e		
IBBN	140.07		PKPdf	20:25:31.857		52.5		1.84		TAS				m_e		
KAST	140.53		PKPdf	20:25:32.449	-0.1	52.5		1.84		TAS				m_e		
MANZ	139.49		PKPdf	20:25:30.847	-0.0	52.5		1.84		TAS				m_e		
MOX	139.34		PKPdf	20:25:30.347	-0.1	52.5		1.84		TAS				m_e		
MOX	139.34		L	21:20:08.000						T__		1344.8	22.00	a_e	Ms	5.7
NEUB	138.93		PKPdf	20:25:29.491	0.1	52.5		1.84		TAS				m_e		
RJOB	140.41		PKPdf	20:25:32.225		52.5		1.84		TAS				m_e		
ROTZ	139.57		PKPdf	20:25:30.803	0.1	52.5		1.84		TAS				m_e		
RUE	137.16		PKPdf	20:25:26.580	0.2	52.5		1.84		TAS				m_e		

STU	141.74	PKPdf	20:25:34.988	-0.0	52.5	1.84	TAS	m_e
TANN	139.05	PKPdf	20:25:29.779	-0.2	52.5	1.84	TAS	m_e
TNS	141.17	PKPdf	20:25:33.568	0.2	52.5	1.84	TAS	m_e
UBBA	140.03	PKPdf	20:25:31.726	-0.1	52.5	1.84	TAS	m_e
WET	139.58	PKPdf	20:25:30.855	0.1	52.5	1.84	TAS	m_e
WLF	142.64	PKPdf	20:25:36.691	0.3	52.5	1.84	TAS	m_e

Event 608002 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/08	15:21:49.63	0.72	1.25	41.0070	19.8220	24.5	12.2	48	10.0		19	322	6.69	10.97	m i ke	BGR
OrigID 608008																

Magnitude	Err	Nsta	Author	OrigID
ML	4.6		BGR	608008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.96		Sn	15:24:42.678	0.7					T__				m_e	
ARSA	6.96		Pn	15:23:28.575	-0.8					T__				m_e ML	4.3
BFO	10.97		Pn	15:24:22.381	-0.9					T__				m_e	
BIOA			Pn	15:23:43.189	-0.4					T__				m_e ML	4.6
CKRC			Pn	15:23:53.162	-0.1					T__				m_e ML	4.6
DAVA	9.51		Pn	15:24:04.656	1.0					T__				m_e	
FETA			Pn	15:23:55.612	0.3					T__				m_e	
FETA			Sn	15:25:26.551	-0.4					T__				m_e	
GEC2	8.96		Pn	15:23:55.175	-1.0					T__				m_e ML	4.5
KHC	9.24		Sn	15:25:37.020	1.9					T__				m_e	
KHC	9.24		Pn	15:23:59.541	-0.5					T__				m_e	
LESA			Sn	15:25:09.798	-1.3					T__				m_e	
LESA			Pn	15:23:45.518	-0.7					T__				m_e ML	4.6
MOA	7.91		Pn	15:23:38.383	-3.8					T__				m_e ML	4.5
MORC	8.92		Pn	15:23:58.104	2.5					T__				m_e	
OBKA	6.69		Sn	15:24:35.888	0.2					T__				m_e	
OBKA	6.69		Pn	15:23:25.443	-0.3					T__				m_e ML	4.8
PLONS	9.64		Pn	15:24:07.754	2.3					T__				m_e	
RETA			Sn	15:25:33.763	0.2					T__				m_e	
RETA			Pn	15:23:59.913	0.8					T__				m_e	
SLE	10.55		Pn	15:24:19.026	1.4					T__				m_e	
SQTA			Sn	15:25:23.294	-0.8					T__				m_e	
SQTA			Pn	15:23:53.678	-0.0					T__				m_e ML	4.8
WET	9.50		Pn	15:24:02.401	-1.1					T__				m_e	
WTTA	8.59		Sn	15:25:20.270	0.4					T__				m_e	
WTTA	8.59		Pn	15:23:52.196	1.0					T__				m_e ML	4.9
ZUGS			Sn	15:25:29.575	-0.3					T__				m_e	

Event 608001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/08	19:02:34.01			-18.2110	-176.7820				542.3	2.4		24		144.82	149.67	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.65		PKPbc	19:22:08.312	-0.2	14.7		2.83		TAS					m_e
BFO	149.67		PKPbc	19:22:19.535	-0.4	14.7		2.83		TAS					m_e
BRG	146.31		PKPbc	19:22:10.490	0.1	14.7		2.83		TAS					m_e
BUG	146.69		PKPbc	19:22:11.679	-0.1	14.7		2.83		TAS					m_e
CLL	146.08		PKPbc	19:22:09.426	-0.2	14.7		2.83		TAS					m_e
CLZ	145.97		PKPbc	19:22:09.449	0.0	14.7		2.83		TAS					m_e
FLT1	145.37		PKPbc	19:22:07.652	-0.0	14.7		2.83		TAS					m_e
FUR	149.41		PKPbc	19:22:18.875	-0.2	14.7		2.83		TAS					m_e
GEC2	148.28		PKPbc	19:22:16.036	0.0	14.7		2.83		TAS					m_e
GRA1	147.94		PKPbc	19:22:15.310	0.4	14.7		2.83		TAS					m_e
GTTG	146.31		PKPbc	19:22:10.363	-0.0	14.7		2.83		TAS					m_e
IBBN	145.79		PKPbc	19:22:09.164	0.0	14.7		2.83		TAS					m_e
KAST	146.82		PKPbc	19:22:11.974	0.0	14.7		2.83		TAS					m_e
MANZ	147.51		PKPbc	19:22:14.247	0.5	14.7		2.83		TAS					m_e
MOX	146.95		PKPbc	19:22:11.826	-0.3	14.7		2.83		TAS					m_e
NEUB	146.40		PKPbc	19:22:10.731	0.2	14.7		2.83		TAS					m_e
ROTZ	147.70		PKPbc	19:22:14.531	0.3	14.7		2.83		TAS					m_e
RUE	144.82		PKPbc	19:22:05.869	-0.2	14.7		2.83		TAS					m_e
RUE	144.82		pPKPbc	19:24:10.520	0.0					T__					m_e
STU	149.13		PKPbc	19:22:17.946	-0.4	14.7		2.83		TAS					m_e
TANN	147.03		PKPbc	19:22:12.603	0.2	14.7		2.83		TAS					m_e
TANN	147.03		pPKPbc	19:24:16.643	0.0					T__					m_e
TNS	147.79		PKPbc	19:22:15.041	0.4	14.7		2.83		TAS					m_e
UBBA	147.02		PKPbc	19:22:12.141	-0.2	14.7		2.83		TAS					m_e
WET	148.17		PKPbc	19:22:15.574	-0.1	14.7		2.83		TAS					m_e
WET	148.17		pPKPbc	19:24:19.851	0.0					T__					m_e
WLF	148.53		PKPbc	19:22:17.470	0.4	14.7		2.83		TAS					m_e

Event 609001 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/09	02:46:16.68			32.5300	26.4020				33.0					20.54	20.54	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb 4.2 BGR 609007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.54		P	02:50:52.811		136.3		10.92		TAS		8.5	0.76	m_e mb	4.2

Event 609002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/09	09:23:15.39			-23.0280	-176.2890				33.0			8		150.18	154.48	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.46		PKPbc	09:43:03.678		15.2		2.31		TAS				m_e	
BFO	154.48		PKPbc	09:43:13.204		15.2		2.31		TAS				m_e	
BRG	151.09		PKPbc	09:43:05.200		15.2		2.31		TAS				m_e	
BUG	151.50		PKPbc	09:43:06.728		15.2		2.31		TAS				m_e	
CLL	150.86		PKPbc	09:43:04.664	-0.1	15.2		2.31		TAS				m_e	
CLZ	150.78		PKPbc	09:43:04.529		15.2		2.31		TAS				m_e	
FLT1	150.18		PKPbc	09:43:02.967	-0.2	15.2		2.31		TAS				m_e	
FUR	154.20		PKPbc	09:43:12.364		15.2		2.31		TAS				m_e	
GEC2	153.04		PKPbc	09:43:09.787		15.2		2.31		TAS				m_e	
GRA1	152.74		PKPbc	09:43:08.938		15.2		2.31		TAS				m_e	
GTTG	151.12		PKPbc	09:43:05.343		15.2		2.31		TAS				m_e	
KAST	151.64		PKPbc	09:43:06.700		15.2		2.31		TAS				m_e	
MANZ	152.30		PKPbc	09:43:08.067		15.2		2.31		TAS				m_e	
MOX	151.75		PKPbc	09:43:06.696		15.2		2.31		TAS				m_e	
NEUB	151.19		PKPbc	09:43:05.413		15.2		2.31		TAS				m_e	
ROTZ	152.49		PKPbc	09:43:08.514		15.2		2.31		TAS				m_e	
STU	153.94		PKPbc	09:43:11.801		15.2		2.31		TAS				m_e	
TANN	151.82		PKPbc	09:43:06.881		15.2		2.31		TAS				m_e	
TNS	152.60		PKPbc	09:43:08.961		15.2		2.31		TAS				m_e	
UBBA	151.83		PKPbc	09:43:06.991		15.2		2.31		TAS				m_e	
WET	152.95		PKPbc	09:43:09.493		15.2		2.31		TAS				m_e	
WLF	153.35		PKPbc	09:43:10.921		15.2		2.31		TAS				m_e	

Event 609003 Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/09	15:22:56.55			35.0360	131.0020				21.9	1.5		13		78.13	82.53	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	609009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	82.53		P	15:35:14.458		46.2		5.40		TAS		4.1	0.89	m_e	mb 4.7
BFO	82.53		pP	15:35:20.631						T__				m_e	
BRG	78.13		P	15:34:51.085	-0.1	46.2		5.40		TAS		2.1	0.78	m_e	mb 4.3
BRG	78.13		pP	15:34:57.635						T__				m_e	
CLL	78.28		P	15:34:51.754	-0.2	46.2		5.40		TAS		5.6	0.87	m_e	mb 4.7
CLL	78.28		pP	15:34:58.364						T__				m_e	
CLZ	79.12		P	15:34:56.523	0.1	46.2		5.40		TAS		5.7	0.84	m_e	mb 4.6
CLZ	79.12		pP	15:35:02.753						T__				m_e	
FLT1	78.39		P	15:34:52.400	-0.1	46.2		5.40		TAS		5.3	0.94	m_e	mb 4.7
FLT1	78.39		pP	15:34:58.496						T__				m_e	
GEC2	79.61		P	15:34:59.362	-0.5	46.2		5.40		TAS		1.9	0.88	m_e	mb 4.0
GEC2	79.61		pP	15:35:05.616						T__				m_e	
GRA1	80.22		P	15:35:02.690	0.2	46.2		5.40		TAS		9.5	0.97	m_e	mb 4.7
GRA1	80.22		pP	15:35:08.742						T__				m_e	
KAST	80.43		P	15:35:03.533	0.0	46.2		5.40		TAS		2.3	0.81	m_e	mb 4.2
KAST	80.43		pP	15:35:09.738						T__				m_e	
MANZ	79.60		P	15:34:59.015	-0.1	46.2		5.40		TAS		0.7	0.76	m_e	mb 3.7
MANZ	79.60		pP	15:35:05.560						T__				m_e	
MOX	79.38		P	15:34:58.008	0.1	46.2		5.40		TAS		2.0	0.65	m_e	mb 4.3
MOX	79.38		pP	15:35:04.208						T__				m_e	
ROTZ	79.70		P	15:34:59.671	0.0	46.2		5.40		TAS		0.7	0.86	m_e	mb 3.6
ROTZ	79.70		pP	15:35:06.260						T__				m_e	
TANN	79.14		P	15:34:56.571	-0.1	46.2		5.40		TAS		1.4	0.89	m_e	mb 4.0
TANN	79.14		pP	15:35:02.892						T__				m_e	
TNS	81.12		P	15:35:07.664	0.4	46.2		5.40		TAS				m_e	
TNS	81.12		pP	15:35:13.539						T__				m_e	
WET	79.81		P	15:35:00.240		46.2		5.40		TAS		1.4	0.81	m_e	mb 4.0
WET	79.81		pP	15:35:06.775						T__				m_e	

Event 609004 Persian Gulf

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/09	16:09:08.27			27.8280	50.9250				33.0			21		35.46	40.40	m i ke	BGR
				609010													

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	609010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	38.53		P	16:16:26.596	-0.2	111.0		8.47		TAS				m_e	
BFO	38.66		P	16:16:28.102	0.1	111.0		8.47		TAS		2.1	0.86	m_e	mb 3.8
BRG	36.15		P	16:16:06.498	-0.3	111.0		8.47		TAS		3.7	0.78	m_e	mb 4.3

./bul2006.txt

Tue Feb 22 15:12:57 2022

22

MOX	35.82	P	17:25:40.932	0.2	111.1	8.61	TAS	62.6	1.02	m_e	mb	5.4
MOX	35.82	L	17:45:54.982				T__	3880.8	18.50	a_e	Ms	5.2
NEUB	35.94	P	17:25:41.868	0.0	111.1	8.61	TAS	59.4	0.85	m_e	mb	5.4
RGN	36.50	P	17:25:45.496	0.3	111.1	8.61	TAS	447.5	0.90	m_e	mb	6.2
ROTZ	35.16	P	17:25:35.220	0.2	111.1	8.61	TAS	20.7	0.87	m_e	mb	5.1
RUE	35.32	P	17:25:36.161	-0.3	111.1	8.61	TAS	231.3	0.93	m_e	mb	6.1
STU	36.71	P	17:25:48.141	0.2	111.1	8.61	TAS	120.3	1.03	m_e	mb	5.6
TANN	35.24	P	17:25:35.883	-0.2	111.1	8.61	TAS	15.5	0.83	m_e	mb	5.0
TNS	37.60	P	17:25:55.836	-0.2	111.1	8.61	TAS	57.4	0.87	m_e	mb	5.3
UBBA	36.85	P	17:25:49.768	0.1	111.1	8.61	TAS	22.5	0.87	m_e	mb	4.9
WET	34.53	P	17:25:29.520	-0.0	111.1	8.61	TAS	56.8	0.92	m_e	mb	5.5
WLF	38.87	P	17:26:06.606	-0.1	111.1	8.61	TAS	97.3	0.89	m_e	mb	5.4

Event 610001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/10	04:28:20.95			-22.7230	-175.7900				33.0			21		149.95	153.71	m i ke	BGR
	610007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.22		PKPbc	04:48:09.348	-0.2	14.1		2.33		TAS					m_e
BRG	150.89		PKPbc	04:48:11.239	-0.5	14.1		2.33		TAS					m_e
BUG	151.24		PKPbc	04:48:12.011		14.1		2.33		TAS					m_e
CLL	150.66		PKPbc	04:48:10.322	0.3	14.1		2.33		TAS					m_e
CLZ	150.54		PKPbc	04:48:09.922	-0.1	14.1		2.33		TAS					m_e
FLT1	149.95		PKPbc	04:48:08.717	-0.0	14.1		2.33		TAS					m_e
GEC2	152.86		PKPbc	04:48:14.864		14.1		2.33		TAS					m_e
GRA1	152.52		PKPbc	04:48:13.991		14.1		2.33		TAS					m_e
GTTG	150.88		PKPbc	04:48:10.703		14.1		2.33		TAS					m_e
IBBN	150.34		PKPbc	04:48:09.972		14.1		2.33		TAS					m_e
KAST	151.38		PKPbc	04:48:12.501	-0.3	14.1		2.33		TAS					m_e
MANZ	152.09		PKPbc	04:48:13.189		14.1		2.33		TAS					m_e
MOX	151.53		PKPbc	04:48:11.811		14.1		2.33		TAS					m_e
NEUB	150.98		PKPbc	04:48:11.354	-0.3	14.1		2.33		TAS					m_e
ROTZ	152.28		PKPbc	04:48:13.575		14.1		2.33		TAS					m_e
STU	153.71		PKPbc	04:48:16.430		14.1		2.33		TAS					m_e
TANN	151.62		PKPbc	04:48:12.276		14.1		2.33		TAS					m_e
TNS	152.35		PKPbc	04:48:14.165		14.1		2.33		TAS					m_e
UBBA	151.59		PKPbc	04:48:12.398		14.1		2.33		TAS					m_e
WET	152.75		PKPbc	04:48:14.385		14.1		2.33		TAS					m_e
WLF	153.07		PKPbc	04:48:16.145		14.1		2.33		TAS					m_e

Event 610004 South Atlantic Ocean
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/10 19:59:16.01 -13.5000 -6.6600 10.0 23 62.98 68.71 m i ke BGR
 610010

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 610010
 Ms 5.4 BGR 610010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	62.98		P	20:09:40.067		197.4		6.70		TAS		38.0	1.20	m_e	mb	5.4
BRG	66.58		P	20:10:03.317		197.4		6.70		TAS		9.7	1.05	m_e	mb	5.0
BSEG	68.71		P	20:10:17.028	-1.5	197.4		6.70		TAS		24.9	1.27	m_e	mb	5.3
BUG	65.79		P	20:09:57.889	0.8	197.4		6.70		TAS		121.9	1.70	m_e	mb	5.8
CLL	66.77		P	20:10:04.508		197.4		6.70		TAS				m_e		
CLZ	66.73		P	20:10:04.338	0.8	197.4		6.70		TAS		38.4	1.44	m_e	mb	5.4
FLT1	67.36		P	20:10:08.006	0.8	197.4		6.70		TAS		86.6	1.51	m_e	mb	5.8
FUR	63.43		P	20:09:42.696		197.4		6.70		TAS		31.2	1.04	m_e	mb	5.4
GEC2	64.64		P	20:09:50.180		197.4		6.70		TAS		90.1	1.63	m_e	mb	5.7
GRA1	64.86		P	20:09:52.551		197.4		6.70		TAS				m_e		
GRA1	64.86		L	20:38:21.271						T__		2560.7	21.20	a_e	Ms	5.4
GTTG	66.37		P	20:10:01.784	0.8	197.4		6.70		TAS		50.1	1.25	m_e	mb	5.6
IBBN	66.71		P	20:10:03.721	-0.4	197.4		6.70		TAS		41.1	1.17	m_e	mb	5.5
KAST	65.76		P	20:09:57.985	-2.2	197.4		6.70		TAS		58.7	1.68	m_e	mb	5.5
MOX	65.84		P	20:09:59.067		197.4		6.70		TAS		29.9	1.18	m_e	mb	5.4
MOX	65.84		L	20:38:36.532						T__		2369.3	21.90	a_e	Ms	5.3
NEUB	66.40		P	20:10:02.922		197.4		6.70		TAS		34.7	1.00	m_e	mb	5.5
ROTZ	65.15		P	20:09:54.154		197.4		6.70		TAS		17.6	1.40	m_e	mb	5.1
RUE	68.04		P	20:10:12.415	0.7	197.4		6.70		TAS		50.7	1.16	m_e	mb	5.6
STU	63.57		P	20:09:43.908		197.4		6.70		TAS		37.9	0.99	m_e	mb	5.6
TANN	65.81		P	20:09:58.530		197.4		6.70		TAS		36.1	1.29	m_e	mb	5.5
TNS	64.82		P	20:09:52.173		197.4		6.70		TAS		22.0	1.15	m_e	mb	5.3
UBBA	65.68		P	20:09:58.437		197.4		6.70		TAS		86.0	1.62	m_e	mb	5.7
WET	64.72		P	20:09:51.219		197.4		6.70		TAS		35.0	1.23	m_e	mb	5.5
WLF	63.89		P	20:09:45.683		197.4		6.70		TAS		85.5	1.37	m_e	mb	5.8

Event 610005 Southern Mid-Atlantic Ridge
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/10 21:14:51.10 -14.4530 -14.1520 10.0 67.68 67.68 m i ke BGR
 610011

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 610011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	67.68		P	21:25:47.024		206.4		6.69		TAS		9.4	1.33	m_e mb	4.8

Event 611001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/11	08:51:47.69			-22.0490	-176.4350				33.0			12		149.20	153.50	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.47		PKPbc	09:11:33.051		15.1		2.40		TAS				m_e	
BFO	153.50		PKPbc	09:11:43.114		15.1		2.40		TAS				m_e	
BRG	150.11		PKPbc	09:11:34.675	0.0	15.1		2.40		TAS				m_e	
BUG	150.52		PKPbc	09:11:35.866		15.1		2.40		TAS				m_e	
CLL	149.88		PKPbc	09:11:34.210	-0.1	15.1		2.40		TAS				m_e	
CLZ	149.80		PKPbc	09:11:33.670		15.1		2.40		TAS				m_e	
FLT1	149.20		PKPbc	09:11:32.149		15.1		2.40		TAS				m_e	
GEC2	152.07		PKPbc	09:11:39.568		15.1		2.40		TAS				m_e	
GRA1	151.76		PKPbc	09:11:38.919		15.1		2.40		TAS				m_e	
GTTG	150.14		PKPbc	09:11:34.840		15.1		2.40		TAS				m_e	
IBBN	149.62		PKPbc	09:11:33.480		15.1		2.40		TAS				m_e	
KAST	150.66		PKPbc	09:11:36.375	0.0	15.1		2.40		TAS				m_e	
MOX	150.77		PKPbc	09:11:36.212	0.0	15.1		2.40		TAS				m_e	
NEUB	150.21		PKPbc	09:11:34.951	0.2	15.1		2.40		TAS				m_e	
RJOB	153.32		PKPbc	09:11:42.894		15.1		2.40		TAS				m_e	
ROTZ	151.51		PKPbc	09:11:38.269		15.1		2.40		TAS				m_e	
STU	152.96		PKPbc	09:11:41.787		15.1		2.40		TAS				m_e	
TANN	150.84		PKPbc	09:11:36.100		15.1		2.40		TAS				m_e	
TNS	151.62		PKPbc	09:11:38.594		15.1		2.40		TAS				m_e	
UBBA	150.85		PKPbc	09:11:36.465	0.2	15.1		2.40		TAS				m_e	
WET	151.97		PKPbc	09:11:39.406		15.1		2.40		TAS				m_e	
WLF	152.37		PKPbc	09:11:40.979		15.1		2.40		TAS				m_e	

Event 612002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/12	19:02:42.20			-20.6800	-177.9900				33.0			9		148.44	151.95	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
BFO	151.95		PKPbc	19:28:58.959		9.2		3.09		TAS				m_e	
BRG	148.44		PKPbc	19:28:49.446		9.2		3.09		TAS				m_e	
GEC2	150.38		PKPbc	19:28:56.083		9.2		3.09		TAS				m_e	
MOX	149.15		PKPbc	19:28:51.342		9.2		3.09		TAS				m_e	
PLN	149.19		PKPbc	19:28:51.733		9.2		3.09		TAS				m_e	
ROTZ	149.86		PKPbc	19:28:54.218		9.2		3.09		TAS				m_e	
TANN	149.20		PKPbc	19:28:51.954		9.2		3.09		TAS				m_e	
UBBA	149.27		PKPbc	19:28:50.945		9.2		3.09		TAS				m_e	
WLF	150.89		PKPbc	19:28:56.022		9.2		3.09		TAS				m_e	

Event 613001 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/13	15:51:04.74		28.2830	129.1550					33.0			25		82.61	87.36	m i ke	BGR
	613007																

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	613007
Ms	6.1		BGR	613007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.58		P	16:03:28.264	-0.2	51.4		5.04		TAS		508.9	1.68	m_e mb	6.5
BFO	87.17		P	16:03:45.488	0.5	51.4		5.04		TAS		133.1	1.67	m_e mb	5.8
BRG	82.72		P	16:03:23.787	-0.0	51.4		5.04		TAS		219.7	1.58	m_e mb	6.1
BSEG	82.61		P	16:03:23.667	0.1	51.4		5.04		TAS		139.4	1.33	m_e mb	6.0
BUG	85.64		P	16:03:38.787	-0.0	51.4		5.04		TAS		537.9	1.79	m_e mb	6.4
CLL	82.94		P	16:03:24.813	-0.5	51.4		5.04		TAS		410.4	1.63	m_e mb	6.4
CLZ	83.90		P	16:03:30.509	0.4	51.4		5.04		TAS		276.3	1.07	m_e mb	6.4
FLT1	83.18		P	16:03:25.940	-0.5	51.4		5.04		TAS		400.5	1.47	m_e mb	6.4
FUR	85.76		P	16:03:39.916	0.4	51.4		5.04		TAS		515.6	1.55	m_e mb	6.4
GEC2	84.06		P	16:03:30.759	-1.1	51.4		5.04		TAS		188.8	1.38	m_e mb	6.1
GOR1	82.74		P	16:03:24.368	0.2	51.4		5.04		TAS		540.8	1.47	m_e mb	6.6
GRA1	84.83		P	16:03:35.099	0.1	51.4		5.04		TAS		524.3	1.59	m_e mb	6.5
GRA1	84.83		L	16:48:05.610						T__		9615.6	19.60	a_e Ms	6.2
GTTG	84.29		P	16:03:32.263	0.2	51.4		5.04		TAS		421.0	1.49	m_e mb	6.5
IBBN	84.84		P	16:03:34.716	-0.1	51.4		5.04		TAS		1008.3	1.91	m_e mb	6.7
KAST	85.25		P	16:03:37.077	0.2	51.4		5.04		TAS		290.8	1.68	m_e mb	6.2
MOX	84.04		P	16:03:30.691	-0.1	51.4		5.04		TAS		293.4	1.64	m_e mb	6.2
MOX	84.04		L	16:47:19.477						T__		8489.5	21.90	a_e Ms	6.1
PLN	83.86		P	16:03:29.802	-0.1	51.4		5.04		TAS		91.7	1.49	m_e mb	5.8
RETH	83.81		P	16:03:29.802	0.2	51.4		5.04		TAS		396.1	1.50	m_e mb	6.4
RJOB	85.21		P	16:03:37.140		51.4		5.04		TAS		221.9	1.34	m_e mb	6.2
ROTZ	84.28		P	16:03:32.297	-0.1	51.4		5.04		TAS		97.2	1.50	m_e mb	5.8
TANN	83.75		P	16:03:29.243	0.3	51.4		5.04		TAS		245.8	1.54	m_e mb	6.2

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TNS	85.87	P	16:03:40.362	0.3	51.4	5.04	TAS	836.4	2.71	m_e mb	6.4
UBBA	84.73	P	16:03:34.245	-0.1	51.4	5.04	TAS	517.7	1.83	m_e mb	6.5
WET	84.31	P	16:03:32.297	-0.2	51.4	5.04	TAS	251.9	1.65	m_e mb	6.2
WLF	87.36	P	16:03:47.402	0.3	51.4	5.04	TAS	319.6	1.53	m_e mb	6.2

Event 613002 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/13	20:18:59.36			24.5170	122.1790				33.0			23		81.34	86.91	m i ke	BGR
OrigID 613008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	613008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.47		P	20:31:37.383	-0.6	58.7		5.09		TAS		64.7	1.63	m_e mb	5.5
BRG	82.03		P	20:31:15.380	0.0	58.7		5.09		TAS		21.8	1.28	m_e mb	5.1
BUG	85.31		P	20:31:32.038	0.0	58.7		5.09		TAS		70.3	1.17	m_e mb	5.8
CLL	82.33		P	20:31:16.837	-0.1	58.7		5.09		TAS		20.7	0.95	m_e mb	5.2
CLZ	83.47		P	20:31:23.182	0.5	58.7		5.09		TAS		34.2	1.08	m_e mb	5.5
FLT1	82.76		P	20:31:18.646	-0.4	58.7		5.09		TAS		30.9	1.22	m_e mb	5.4
FUR	84.90		P	20:31:30.823	0.9	58.7		5.09		TAS		108.8	1.10	m_e mb	6.0
GEC2	83.16		P	20:31:20.644	-0.5	58.7		5.09		TAS		41.2	1.15	m_e mb	5.5
GRA1	84.13		P	20:31:26.395	0.3	58.7		5.09		TAS		75.0	1.40	m_e mb	5.7
GTTG	83.84		P	20:31:24.748	0.2	58.7		5.09		TAS		41.8	1.36	m_e mb	5.5
IBBN	84.58		P	20:31:28.501	0.2	58.7		5.09		TAS		51.9	1.12	m_e mb	5.7
KAST	84.85		P	20:31:29.770	0.1	58.7		5.09		TAS		33.4	1.31	m_e mb	5.4
MOX	83.43		P	20:31:21.967	-0.5	58.7		5.09		TAS		27.6	1.36	m_e mb	5.3
PLN	83.21		P	20:31:21.184	-0.2	58.7		5.09		TAS		18.8	1.62	m_e mb	5.1
RETH	83.52		P	20:31:22.858	-0.0	58.7		5.09		TAS		25.5	1.25	m_e mb	5.3
RJOB	84.24		P	20:31:26.584	0.0	58.7		5.09		TAS		30.7	1.07	m_e mb	5.5
ROTZ	83.55		P	20:31:23.317	0.2	58.7		5.09		TAS		9.4	1.25	m_e mb	4.9
RUE	81.34		P	20:31:11.789	-0.0	58.7		5.09		TAS		48.3	1.01	m_e mb	5.5
TANN	83.08		P	20:31:20.563	-0.1	58.7		5.09		TAS		36.8	1.62	m_e mb	5.4
TNS	85.37		P	20:31:32.092	-0.2	58.7		5.09		TAS		28.7	1.17	m_e mb	5.4
UBBA	84.21		P	20:31:26.503	0.1	58.7		5.09		TAS		40.9	1.54	m_e mb	5.4
WET	83.48		P	20:31:22.910	0.1	58.7		5.09		TAS		44.7	1.46	m_e mb	5.5
WLF	86.91		P	20:31:39.975	-0.2	58.7		5.09		TAS		74.1	1.03	m_e mb	5.8

Event 614001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/14	14:24:28.40			39.3500	40.7300				5.0			26		21.51	26.18	m i ke	EMSC
OrigID																	

614033

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	614007
Ms	5.5		BGR	614007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	24.88		P	14:29:49.882	1.6	105.1		9.82		TAS		1504.3	3.20	m_e	mb	6.2
BRG	22.01		P	14:29:23.260	-0.5	105.1		9.82		TAS				m_e		
BSEG	25.22		P	14:29:55.926	1.4	105.1		9.82		TAS		334.2	1.72	m_e	mb	5.8
BUG	26.18		P	14:30:03.940	-0.5	105.1		9.82		TAS		256.2	1.58	m_e	mb	5.6
CLL	22.72		P	14:29:30.609	-0.3	105.1		9.82		TAS		850.4	2.34	m_e	mb	5.9
CLZ	24.44		P	14:29:48.250	0.0	105.1		9.82		TAS				m_e		
FLT1	24.11		P	14:29:43.866	-0.7	105.1		9.82		TAS		302.8	1.82	m_e	mb	5.5
FUR	22.91		P	14:29:33.156	1.1	105.1		9.82		TAS		527.1	1.19	m_e	mb	6.0
GEC2	21.51		P	14:29:18.175	0.7	105.1		9.82		TAS				m_e		
GOR1	24.31		P	14:29:47.218	1.1	105.1		9.82		TAS		3071.4	2.64	m_e	mb	6.4
GRA1	23.30		P	14:29:37.575	-0.8	105.1		9.82		TAS		886.3	1.15	m_e	mb	6.2
GRA1	23.30		L	14:41:07.601						T__		19498.8	19.10	a_e	Ms	5.6
GTTG	24.59		P	14:29:49.610	-1.3	105.1		9.82		TAS		156.3	1.49	m_e	mb	5.5
IBBN	26.12		P	14:30:04.240	-0.3	105.1		9.82		TAS		1677.0	2.50	m_e	mb	6.2
KAST	25.43		P	14:29:57.499	-0.2	105.1		9.82		TAS		950.7	2.33	m_e	mb	6.1
MOX	23.33		P	14:29:36.362	-0.3	105.1		9.82		TAS		258.5	2.05	m_e	mb	5.4
MOX	23.33		L	14:41:19.615						T__		14193.0	20.30	a_e	Ms	5.4
NEUB	23.41		P	14:29:37.725	-0.9	105.1		9.82		TAS				m_e		
PLN	22.95		P	14:29:33.081	-0.3	105.1		9.82		TAS		135.0	1.93	m_e	mb	5.2
RETH	25.32		P	14:29:57.199	0.7	105.1		9.82		TAS		2850.5	2.81	m_e	mb	6.5
RJOB	21.82		P	14:29:21.885		105.1		9.82		TAS				m_e		
ROTZ	22.71		P	14:29:30.834	1.0	105.1		9.82		TAS		124.7	1.80	m_e	mb	5.1
RUE	22.73		P	14:29:30.571	0.1	105.1		9.82		TAS		1114.7	1.82	m_e	mb	6.1
STU	24.39		P	14:29:47.087	-0.7	105.1		9.82		TAS		941.5	1.51	m_e	mb	6.1
TANN	22.74		P	14:29:31.133	0.1	105.1		9.82		TAS		1084.3	2.57	m_e	mb	5.9
TNS	25.17		P	14:29:55.027	-0.0	105.1		9.82		TAS		839.0	1.93	m_e	mb	6.1
UBBA	24.36		P	14:29:46.769	-0.8	105.1		9.82		TAS		184.5	1.67	m_e	mb	5.3
WET	22.11		P	14:29:24.017	-0.6	105.1		9.82		TAS		159.8	1.17	m_e	mb	5.3

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
614002 Southern India	2020/06/14	14:43:07.80			23.3400	70.4300				10.0			19		51.03	55.25	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	614008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ASSE	53.45	P	14:52:27.930	0.1	97.4	7.31	TAS	22.1	1.06	m_e	mb	5.0
BRG	51.22	P	14:52:12.333	-0.0	97.4	7.31	TAS	58.3	0.92	m_e	mb	5.5
BSEG	53.95	P	14:52:31.980	0.2	97.4	7.31	TAS	16.0	1.07	m_e	mb	5.0
CLL	51.88	P	14:52:16.778	0.2	97.4	7.31	TAS	38.8	1.33	m_e	mb	5.2
CLZ	53.59	P	14:52:29.451	0.1	97.4	7.31	TAS	36.9	1.06	m_e	mb	5.3
FLT1	53.14	P	14:52:25.378	-0.3	97.4	7.31	TAS	30.7	1.15	m_e	mb	5.1
GEC2	51.03	P	14:52:10.034		97.4	7.31	TAS	38.9	1.08	m_e	mb	5.3
GOR1	53.20	P	14:52:26.285	-0.2	97.4	7.31	TAS	46.5	1.28	m_e	mb	5.3
GRA1	52.76	P	14:52:23.550		97.4	7.31	TAS	79.3	1.11	m_e	mb	5.6
GTTG	53.80	P	14:52:30.950	-0.1	97.4	7.31	TAS	46.8	1.05	m_e	mb	5.5
IBBN	55.25	P	14:52:41.354	-0.6	97.4	7.31	TAS	74.4	1.24	m_e	mb	5.6
KAST	54.72	P	14:52:37.513	0.4	97.4	7.31	TAS	17.4	1.08	m_e	mb	5.0
MOX	52.64	P	14:52:22.690	0.4	97.4	7.31	TAS	71.4	0.95	m_e	mb	5.6
NEUB	52.63	P	14:52:22.482	0.4	97.4	7.31	TAS	57.7	0.95	m_e	mb	5.5
PLN	52.28	P	14:52:19.562	0.6	97.4	7.31	TAS	6.7	0.91	m_e	mb	4.6
ROTZ	52.14	P	14:52:18.829	-0.4	97.4	7.31	TAS	9.7	1.09	m_e	mb	4.7
STU	53.98	P	14:52:31.169		97.4	7.31	TAS	106.3	0.89	m_e	mb	5.9
TNS	54.60	P	14:52:36.814	-0.2	97.4	7.31	TAS	54.1	1.28	m_e	mb	5.4
WET	51.62	P	14:52:13.839		97.4	7.31	TAS	12.4	1.02	m_e	mb	4.8

Event 614003 Persian Gulf

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/14	18:06:01.00			27.7600	53.4700				10.0			21		37.08	42.05	m i ke	EMSC
OrigID 614039																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	614009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	40.03	P		18:13:36.814	-0.1	110.8		8.50		TAS		40.0	1.28	m_e	mb	4.9
BRG	37.67	P		18:13:16.520	-0.2	110.8		8.50		TAS		24.3	1.02	m_e	mb	4.9
BUG	41.82	P		18:13:52.034	-0.3	110.8		8.50		TAS		51.7	1.11	m_e	mb	5.2
CLL	38.38	P		18:13:22.793	-0.1	110.8		8.50		TAS		46.9	1.12	m_e	mb	5.1
CLZ	40.11	P		18:13:37.828	0.2	110.8		8.50		TAS		57.7	0.96	m_e	mb	5.2
FLT1	39.78	P		18:13:34.784	0.1	110.8		8.50		TAS		157.0	1.34	m_e	mb	5.5
FUR	38.40	P		18:13:22.700		110.8		8.50		TAS		92.9	1.02	m_e	mb	5.5
GEC2	37.08	P		18:13:11.446		110.8		8.50		TAS		22.2	1.40	m_e	mb	4.7
GRA1	38.89	P		18:13:26.944		110.8		8.50		TAS		48.3	0.88	m_e	mb	5.1
KAST	41.06	P		18:13:45.669	-0.3	110.8		8.50		TAS		75.1	1.31	m_e	mb	5.3
MOX	38.96	P		18:13:27.405	0.2	110.8		8.50		TAS		10.4	1.03	m_e	mb	4.4
NEUB	39.06	P		18:13:28.419	-0.3	110.8		8.50		TAS		33.3	1.02	m_e	mb	4.9
PLN	38.59	P		18:13:24.176	-0.4	110.8		8.50		TAS		4.7	1.27	m_e	mb	4.0
RETH	41.00	P		18:13:45.392	0.1	110.8		8.50		TAS		102.8	1.43	m_e	mb	5.4
ROTZ	38.31	P		18:13:22.239	0.1	110.8		8.50		TAS		6.1	0.91	m_e	mb	4.3
RUE	38.40	P		18:13:23.069	-0.1	110.8		8.50		TAS		79.8	0.91	m_e	mb	5.4

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TANN	38.38	P	18:13:22.516	0.1	110.8		8.50	TAS	32.7	1.80	m_e	mb	4.8
TNS	40.76	P	18:13:42.441	-0.3	110.8		8.50	TAS	65.2	1.45	m_e	mb	5.2
UBBA	39.99	P	18:13:36.352	-0.2	110.8		8.50	TAS	66.8	1.56	m_e	mb	5.0
WET	37.69	P	18:13:16.243		110.8		8.50	TAS	18.2	1.00	m_e	mb	4.8
WLF	42.05	P	18:13:52.864	0.8	110.8		8.50	TAS	36.6	0.99	m_e	mb	5.1

Event 615001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/15	06:51:29.60			39.4100	40.7700				5.0			16		21.50	25.41	m i ke	EMSC
	615033																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	615007
Ms	4.8		BGR	615007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	24.35	P		06:56:48.418	-0.0	104.9		10.04		TAS		120.2	1.76	m_e	mb	5.1
BRG	21.99	P		06:56:25.441	1.0	104.9		10.04		TAS		47.9	1.14	m_e	mb	4.8
CLL	22.70	P		06:56:32.595	0.1	104.9		10.04		TAS		93.9	1.17	m_e	mb	5.2
CLZ	24.43	P		06:56:49.596	-0.3	104.9		10.04		TAS		87.2	1.26	m_e	mb	5.1
FLT1	24.09	P		06:56:45.977	-0.2	104.9		10.04		TAS		19.4	0.81	m_e	mb	4.7
GEC2	21.50	P		06:56:20.307		104.9		10.04		TAS		140.7	1.23	m_e	mb	5.2
GRA1	23.29	P		06:56:39.412		104.9		10.04		TAS		434.0	1.11	m_e	mb	5.9
GRA1	23.29	L		07:08:59.692						T__		4011.8	19.50	a_e	Ms	4.9
KAST	25.41	P		06:56:59.696	-0.2	104.9		10.04		TAS		40.0	1.16	m_e	mb	5.0
MOX	23.31	P		06:56:38.739	0.0	104.9		10.04		TAS		26.3	1.20	m_e	mb	4.6
MOX	23.31	L		07:08:22.634						T__		3031.1	20.30	a_e	Ms	4.7
PLN	22.94	P		06:56:35.036		104.9		10.04		TAS		20.7	1.33	m_e	mb	4.5
RETH	25.31	P		06:56:59.275	-0.5	104.9		10.04		TAS		224.9	1.43	m_e	mb	5.7
ROTZ	22.70	P		06:56:32.595		104.9		10.04		TAS		158.3	2.28	m_e	mb	5.1
TANN	22.73	P		06:56:33.100		104.9		10.04		TAS		33.8	1.10	m_e	mb	4.8
TNS	25.16	P		06:56:57.002		104.9		10.04		TAS		57.3	1.24	m_e	mb	5.2
UBBA	24.35	P		06:56:48.923	-0.4	104.9		10.04		TAS		63.2	1.48	m_e	mb	4.9
WET	22.10	P		06:56:26.030		104.9		10.04		TAS		77.3	1.02	m_e	mb	5.1

Event 616002 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/16	01:30:46.80			37.5800	72.3700				112.0					42.83	47.95	m i ke	EMSC
	616038																

Magnitude	Err	Nsta	Author	OrigID
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mb	5.9	BGR	616008
Ms	4.8	BGR	616008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	46.81		P	01:39:03.656		82.9		7.86		TAS		90.4	1.05	m_e	mb 5.8
BRG	42.83		P	01:38:32.560		82.9		7.86		TAS		249.5	0.76	m_e	mb 6.0
BSEG	44.77		P	01:38:48.088		82.9		7.86		TAS		214.0	0.80	m_e	mb 6.1
BUG	46.92		P	01:39:04.763		82.9		7.86		TAS		179.6	0.99	m_e	mb 6.2
CLL	43.38		P	01:38:36.411		82.9		7.86		TAS		203.6	0.77	m_e	mb 5.9
CLZ	44.95		P	01:38:49.358		82.9		7.86		TAS		110.5	0.82	m_e	mb 5.8
FLT1	44.37		P	01:38:44.073		82.9		7.86		TAS		512.5	0.72	m_e	mb 6.3
FUR	44.91		P	01:38:49.563		82.9		7.86		TAS		292.6	0.99	m_e	mb 6.2
GOR1	44.26		P	01:38:43.950		82.9		7.86		TAS		389.1	1.11	m_e	mb 6.0
GRA1	44.70		P	01:38:48.333		82.9		7.86		TAS		317.7	1.12	m_e	mb 6.2
GRA1	44.70		L	01:49:40.288						T__		1394.6	20.50	a_e	Ms 4.9
GTTG	45.24		P	01:38:51.857		82.9		7.86		TAS		396.2	0.87	m_e	mb 6.4
HLG	46.18		P	01:38:59.027		82.9		7.86		TAS		427.9	1.06	m_e	mb 6.4
IBBN	46.49		P	01:39:01.239		82.9		7.86		TAS		346.1	1.08	m_e	mb 6.3
KAST	46.25		P	01:38:59.355		82.9		7.86		TAS		35.5	0.99	m_e	mb 5.3
MOX	44.32		P	01:38:44.478		82.9		7.86		TAS		138.3	0.88	m_e	mb 5.7
MOX	44.32		L	01:49:28.690						T__		1121.0	21.90	a_e	Ms 4.7
NEUB	44.16		P	01:38:42.884		82.9		7.86		TAS		275.7	0.81	m_e	mb 6.0
PLN	44.00		P	01:38:41.860		82.9		7.86		TAS		29.7	0.82	m_e	mb 5.1
RETH	45.46		P	01:38:53.373		82.9		7.86		TAS		111.5	0.93	m_e	mb 5.8
RGN	42.98		P	01:38:33.748		82.9		7.86		TAS		1226.5	0.93	m_e	mb 6.6
ROTZ	44.06		P	01:38:42.925		82.9		7.86		TAS		35.3	1.08	m_e	mb 5.0
TANN	43.81		P	01:38:40.508		82.9		7.86		TAS		114.7	1.06	m_e	mb 5.5
TNS	46.39		P	01:39:00.748		82.9		7.86		TAS		70.3	0.92	m_e	mb 5.7
UBBA	45.32		P	01:38:51.939		82.9		7.86		TAS		56.6	0.69	m_e	mb 5.6
WET	43.71		P	01:38:39.648		82.9		7.86		TAS		123.6	1.21	m_e	mb 5.5
WLF	47.95		P	01:39:13.203		82.9		7.86		TAS		189.7	0.97	m_e	mb 6.2

Event 616003 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/16	09:21:36.70			36.6600	71.1000				227.0			23		42.59	47.69	m i ke	EMSC
	616039																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	616009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	44.54		P	09:29:25.696	-0.3	84.6		7.85		TAS				m_e	
BRG	42.59		P	09:29:10.835	-0.0	84.6		7.85		TAS		40.5	1.20	m_e	mb 5.0
BSEG	44.64		P	09:29:27.159	0.2	84.6		7.85		TAS		13.5	0.81	m_e	mb 4.9
BUG	46.72		P	09:29:43.020	-0.3	84.6		7.85		TAS		35.8	1.13	m_e	mb 5.4

CLL	43.15	P	09:29:14.608	-0.1	84.6	7.85	TAS	24.0	1.20	m_e	mb	4.8
CLZ	44.75	P	09:29:27.852	-0.8	84.6	7.85	TAS	51.8	1.36	m_e	mb	5.3
FLT1	44.18	P	09:29:22.770	0.1	84.6	7.85	TAS	29.0	0.81	m_e	mb	5.0
GEC2	42.90	P	09:29:13.123		84.6	7.85	TAS	37.7	1.79	m_e	mb	4.8
GOR1	44.10	P	09:29:22.770	-0.0	84.6	7.85	TAS	39.4	1.07	m_e	mb	5.1
GRA1	44.43	P	09:29:26.004		84.6	7.85	TAS	110.4	1.66	m_e	mb	5.3
GTTG	45.03	P	09:29:30.162	-0.2	84.6	7.85	TAS	66.4	1.17	m_e	mb	5.5
IBBN	46.31	P	09:29:39.941	0.0	84.6	7.85	TAS	114.2	1.49	m_e	mb	5.7
KAST	46.03	P	09:29:37.708	-0.2	84.6	7.85	TAS	11.5	1.36	m_e	mb	4.7
MOX	44.08	P	09:29:22.616	-0.1	84.6	7.85	TAS	27.6	1.26	m_e	mb	4.8
NEUB	43.93	P	09:29:21.153	-0.0	84.6	7.85	TAS	80.4	1.37	m_e	mb	5.3
PLN	43.75	P	09:29:19.998	0.5	84.6	7.85	TAS	5.0	1.12	m_e	mb	4.2
RETH	45.29	P	09:29:32.087	-0.5	84.6	7.85	TAS	15.8	1.13	m_e	mb	4.8
ROTZ	43.79	P	09:29:20.768	0.1	84.6	7.85	TAS	9.4	1.35	m_e	mb	4.3
TANN	43.56	P	09:29:18.612	0.1	84.6	7.85	TAS	16.7	1.11	m_e	mb	4.7
TNS	46.14	P	09:29:38.709	0.7	84.6	7.85	TAS	13.8	1.08	m_e	mb	4.9
UBBA	45.08	P	09:29:30.316	0.1	84.6	7.85	TAS	6.5	0.85	m_e	mb	4.6
WET	43.41	P	09:29:17.303		84.6	7.85	TAS	7.6	1.19	m_e	mb	4.3
WLF	47.69	P	09:29:51.028	0.0	84.6	7.85	TAS	36.8	0.95	m_e	mb	5.5

Event 616005 Red Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/16	14:30:27.20			27.3000	34.7000				10.0			20		26.63	31.66	m i ke	EMSC
	616041																

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	616011
Ms	4.2		BGR	616011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	30.65	P		14:36:41.189	0.6	132.9		8.74		TAS		267.8	1.87	m_e	mb	5.9
BFO	29.33	P		14:36:30.346	-0.1	132.9		8.74		TAS		106.6	1.34	m_e	mb	5.5
BRG	28.34	P		14:36:21.244	0.3	132.9		8.74		TAS		188.5	1.28	m_e	mb	5.8
CLL	29.06	P		14:36:27.480	0.2	132.9		8.74		TAS		502.5	1.75	m_e	mb	6.1
CLZ	30.59	P		14:36:40.571	-0.3	132.9		8.74		TAS		111.2	1.56	m_e	mb	5.5
FLT1	30.55	P		14:36:39.953	-0.4	132.9		8.74		TAS		280.4	1.91	m_e	mb	5.9
FUR	27.68	P		14:36:15.232	-0.2	132.9		8.74		TAS		253.4	1.32	m_e	mb	5.9
GEC2	26.96	P		14:36:09.582	0.1	132.9		8.74		TAS		708.8	1.80	m_e	mb	6.1
GOR1	31.00	P		14:36:44.672	-0.4	132.9		8.74		TAS		1038.0	1.83	m_e	mb	6.5
GRA1	28.72	L		14:51:10.563						T__		655.0	21.20	a_e	Ms	4.2
KAST	31.07	P		14:36:44.897	0.0	132.9		8.74		TAS		84.4	1.35	m_e	mb	5.5
MOX	29.19	P		14:36:29.110	1.1	132.9		8.74		TAS		520.3	1.79	m_e	mb	6.1
MOX	29.19	L		14:52:20.753						T__		758.0	20.90	a_e	Ms	4.3
NEUB	29.51	P		14:36:31.469	0.4	132.9		8.74		TAS		312.0	1.61	m_e	mb	5.9
PLN	28.83	P		14:36:26.019	0.1	132.9		8.74		TAS		191.2	1.69	m_e	mb	5.7

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	617010
Ms	3.9		BGR	617010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	70.33		P	22:26:28.295	0.2	17.9		5.98		TAS		16.5	1.19	m_e	mb	5.0
BFO	74.41		P	22:26:52.097	0.1	17.9		5.98		TAS		10.4	1.17	m_e	mb	4.8
BRG	70.86		P	22:26:31.462	-0.1	17.9		5.98		TAS		9.9	1.08	m_e	mb	4.9
BSEG	68.67		P	22:26:18.758	0.3	17.9		5.98		TAS		7.3	1.09	m_e	mb	4.8
BUG	71.60		P	22:26:35.800	-0.9	17.9		5.98		TAS		13.3	0.98	m_e	mb	5.0
CLL	70.65		P	22:26:29.508	0.1	17.9		5.98		TAS		19.8	0.99	m_e	mb	5.2
CLZ	70.66		P	22:26:30.648	-0.1	17.9		5.98		TAS		24.5	1.02	m_e	mb	5.3
FLT1	70.03		P	22:26:26.196	-0.1	17.9		5.98		TAS		11.7	1.04	m_e	mb	5.0
GEC2	72.83		P	22:26:43.515	-0.7	17.9		5.98		TAS		6.9	0.77	m_e	mb	4.8
GRA1	72.54		P	22:26:42.247	0.4	17.9		5.98		TAS		17.0	0.80	m_e	mb	5.2
GRA1	72.54		L	23:02:18.595						T__		68.8	19.20	a_e	Ms	3.9
IBBN	70.68		P	22:26:30.846	-0.5	17.9		5.98		TAS		18.3	1.00	m_e	mb	5.2
KAST	71.63		P	22:26:36.282	-0.3	17.9		5.98		TAS		14.2	1.28	m_e	mb	5.0
MOX	71.56		P	22:26:35.741	0.1	17.9		5.98		TAS		12.8	1.05	m_e	mb	5.0
MOX	71.56		L	23:04:07.970						T__		57.2	19.60	a_e	Ms	3.8
NEUB	71.00		P	22:26:32.244	-0.2	17.9		5.98		TAS		11.2	0.82	m_e	mb	5.0
PLN	71.60		P	22:26:36.162	0.0	17.9		5.98		TAS		3.6	1.00	m_e	mb	4.5
RETH	69.99		P	22:26:26.518	0.4	17.9		5.98		TAS		9.6	1.00	m_e	mb	4.9
RJOB	74.07		P	22:26:50.933		17.9		5.98		TAS		10.0	0.92	m_e	mb	4.8
ROTZ	72.27		P	22:26:40.320	0.6	17.9		5.98		TAS		2.6	1.07	m_e	mb	4.3
TANN	71.60		P	22:26:36.109	-0.0	17.9		5.98		TAS		13.3	1.33	m_e	mb	4.9
TNS	72.57		P	22:26:41.731	0.2	17.9		5.98		TAS		9.6	0.92	m_e	mb	4.9
UBBA	71.71		P	22:26:36.582	-0.1	17.9		5.98		TAS		34.7	1.71	m_e	mb	5.2
WET	72.72		P	22:26:43.193	0.2	17.9		5.98		TAS		10.8	0.91	m_e	mb	5.0

Event 618002 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/18	12:49:53.40			-33.4100	-177.8160				8.0			7		157.45	164.40	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	7.5		BGR	618008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	160.31		PKPdf	13:09:53.137	-0.1	28.8		1.00		TAS				m_e	
ASSE	160.31		PKPab	13:10:34.847	0.2	21.6		4.16		TAS				m_e	
ASSE	160.31		PP	13:14:14.168	0.1	26.9		5.21		TAS				m_e	
BFO	164.40		PKPdf	13:09:56.922		28.8		1.00		TAS				m_e	
BFO	164.40		PKPab	13:10:50.505		21.6		4.16		TAS				m_e	

BRG	160.54	PKPdf	13:09:53.286	0.1	28.8	1.00	TAS	m_e		
BRG	160.54	PKPbc	13:10:36.040	0.5	21.6	4.16	TAS	m_e		
BSEG	158.68	PKPdf	13:09:51.480	-0.1	28.8	1.00	TAS	m_e		
BSEG	158.68	PKPab	13:10:30.075	1.9	21.6	4.16	TAS	m_e		
BUG	161.60	PKPdf	13:09:54.424	0.1	28.8	1.00	TAS	m_e		
CLL	160.45	PKPdf	13:09:53.137	0.1	28.8	1.00	TAS	m_e		
CLL	160.45	PKPab	13:10:35.295	0.1	21.6	4.16	TAS	m_e		
CLZ	160.64	PKPdf	13:09:53.632	-0.2	28.8	1.00	TAS	m_e		
CLZ	160.64	PKPab	13:10:36.488	0.2	21.6	4.16	TAS	m_e		
CLZ	160.64	PP	13:14:16.315		26.9	5.21	TAS	m_e		
FLT1	159.99	PKPdf	13:09:52.618	0.2	28.8	1.00	TAS	m_e		
FLT1	159.99	PKPab	13:10:33.058	-0.0	21.6	4.16	TAS	m_e		
FLT1	159.99	PP	13:14:12.020	-0.1	26.9	5.21	TAS	m_e		
FUR	163.75	PKPdf	13:09:56.378		28.8	1.00	TAS	m_e		
FUR	163.75	PKPab	13:10:50.505		21.6	4.16	TAS	m_e		
GEC2	162.34	PKPdf	13:09:55.092	-0.2	28.8	1.00	TAS	m_e		
GEC2	162.34	PKPab	13:10:43.795		21.6	4.16	TAS	m_e		
GOR1	159.36	PKPdf	13:09:52.445	-0.1	28.8	1.00	TAS	m_e		
GOR1	159.36	PKPab	13:10:30.970	0.0	21.6	4.16	TAS	m_e		
GOR1	159.36	PP	13:14:09.514	0.4	26.9	5.21	TAS	m_e		
GRA1	162.41	PKPdf	13:09:55.191	0.1	28.8	1.00	TAS	m_e		
GRA1	162.41	PKPab	13:10:44.690		21.6	4.16	TAS	m_e		
GRA1	162.41	L	14:28:12.204				T__		66904.7	21.90 a_e Ms 7.5
GTTG	161.01	PKPdf	13:09:53.706	0.0	28.8	1.00	TAS	m_e		
GTTG	161.01	PKPab	13:10:37.979	-0.5	21.6	4.16	TAS	m_e		
GTTG	161.01	PP	13:14:18.073		26.9	5.21	TAS	m_e		
HLG	158.84	PKPab	13:10:28.435	-0.8	21.6	4.16	TAS	m_e		
IBBN	160.69	PKPdf	13:09:53.706	0.0	28.8	1.00	TAS	m_e		
KAST	161.64	PKPdf	13:09:54.671	0.1	28.8	1.00	TAS	m_e		
KAST	161.64	PP	13:14:21.587		26.9	5.21	TAS	m_e		
MOX	161.44	PKPdf	13:09:54.201	0.1	28.8	1.00	TAS	m_e		
MOX	161.44	L	14:42:35.383				T__		73917.8	19.50 a_e Ms 7.5
NEUB	160.90	PKPdf	13:09:53.706	-0.2	28.8	1.00	TAS	m_e		
PLN	161.42	PKPdf	13:09:54.176	-0.3	28.8	1.00	TAS	m_e		
PLN	161.42	PKPab	13:10:39.918	-0.7	21.6	4.16	TAS	m_e		
RETH	160.00	PKPdf	13:09:52.840	-0.1	28.8	1.00	TAS	m_e		
RETH	160.00	PKPab	13:10:33.654	-0.0	21.6	4.16	TAS	m_e		
RETH	160.00	PP	13:14:12.801	0.2	26.9	5.21	TAS	m_e		
RGN	157.45	PKPab	13:10:22.470	-0.6	21.6	4.16	TAS	m_e		
ROTZ	162.05	PKPdf	13:09:54.275	0.1	28.8	1.00	TAS	m_e		
ROTZ	162.05	PKPab	13:10:42.999		21.6	4.16	TAS	m_e		
RUE	159.19	S	13:21:21.823				T__			
RUE	159.19	PKPdf	13:09:51.727	-0.1	28.8	1.00	TAS	m_e		
RUE	159.19	PKPab	13:10:30.075	-0.4	21.6	4.16	TAS	m_e		
STU	163.78	PKPdf	13:09:56.427	-0.0	28.8	1.00	TAS	m_e		
TANN	161.40	PKPdf	13:09:54.176	-0.4	28.8	1.00	TAS	m_e		
TANN	161.40	PKPab	13:10:39.918	-1.4	21.6	4.16	TAS	m_e		
TNS	162.58	PKPdf	13:09:55.166	0.6	28.8	1.00	TAS	m_e		
UBBA	161.68	S	13:21:35.795				T__			

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UBBA	161.68	PKPdf	13:09:54.226	0.1	28.8	1.00	TAS	m_e
UBBA	161.68	PKPab	13:10:40.663	0.9	21.6	4.16	TAS	m_e
UBBA	161.68	PP	13:14:21.392		26.9	5.21	TAS	m_e
WET	162.38	PKPdf	13:09:55.017	-0.1	28.8	1.00	TAS	m_e
WET	162.38	PKPab	13:10:44.540		21.6	4.16	TAS	m_e
WET	162.38	PP	13:14:24.516		26.9	5.21	TAS	m_e
WLF	163.49	PKPdf	13:09:57.194	0.0	28.8	1.00	TAS	m_e

Event 618003 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/18	15:06:15.70			-33.3300	-177.9800				10.0		14		158.57	164.28	m i ke	EMSC
	618035															

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	164.28		PKPab	15:27:13.648		26.1		4.47		TAS					m_e
BRG	160.41		PKPab	15:26:56.993		26.1		4.47		TAS					m_e
BSEG	158.57		PKPab	15:26:48.695		26.1		4.47		TAS					m_e
BUG	161.50		PKPab	15:27:01.101		26.1		4.47		TAS					m_e
CLL	160.32		PKPab	15:26:56.384		26.1		4.47		TAS					m_e
CLZ	160.53		PKPab	15:26:57.111		26.1		4.47		TAS					m_e
FLT1	159.87		PKPab	15:26:53.796		26.1		4.47		TAS					m_e
FUR	163.63		PKPab	15:27:11.566		26.1		4.47		TAS					m_e
GEC2	162.21		PKPab	15:27:04.626		26.1		4.47		TAS					m_e
GOR1	159.25		PKPab	15:26:51.513		26.1		4.47		TAS					m_e
GRA1	162.28		PKPab	15:27:05.080		26.1		4.47		TAS					m_e
GRA1	162.28		L	15:48:18.664						T__		2611.8	18.00		a_e
GTTG	160.90		PKPab	15:26:58.963		26.1		4.47		TAS					m_e
IBBN	160.58		PKPab	15:26:57.194		26.1		4.47		TAS					m_e
KAST	161.54		PKPab	15:27:01.156	0.4	26.1		4.47		TAS					m_e
MOX	161.31		PKPab	15:27:00.532		26.1		4.47		TAS					m_e
NEUB	160.78		PKPab	15:26:58.450		26.1		4.47		TAS					m_e
PLN	161.30		PKPab	15:27:00.516		26.1		4.47		TAS					m_e
RETH	159.89		PKPab	15:26:54.339		26.1		4.47		TAS					m_e
ROTZ	161.92		PKPab	15:27:03.724		26.1		4.47		TAS					m_e
TANN	161.27		PKPab	15:27:00.532		26.1		4.47		TAS					m_e
TNS	162.47		PKPab	15:27:05.181		26.1		4.47		TAS					m_e
UBBA	161.57		PKPab	15:27:01.365		26.1		4.47		TAS					m_e
WET	162.25		PKPab	15:27:05.320		26.1		4.47		TAS					m_e

Event 618004 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/18	16:11:40.30			-33.4200	-177.9000				10.0			22		158.68	164.39	m i ke	EMSC
OrigID 618036																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	618010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	160.30		PKPab	16:32:20.030	-0.1	26.0		4.39		TAS				m_e	
BFO	164.39		PKPab	16:32:38.070		26.0		4.39		TAS				m_e	
BRG	160.52		PKPab	16:32:21.310	0.4	26.0		4.39		TAS				m_e	
BSEG	158.68		PKPab	16:32:13.108	0.4	26.0		4.39		TAS				m_e	
CLL	160.43		PKPab	16:32:20.840	0.2	26.0		4.39		TAS				m_e	
CLZ	160.63		PKPab	16:32:21.801	0.1	26.0		4.39		TAS				m_e	
FLT1	159.98		PKPab	16:32:18.435	0.3	26.0		4.39		TAS				m_e	
FUR	163.74		PKPab	16:32:35.983		26.0		4.39		TAS				m_e	
GEC2	162.32		PKPab	16:32:29.217		26.0		4.39		TAS				m_e	
GRA1	162.39		PKPab	16:32:29.915		26.0		4.39		TAS				m_e	
GRA1	162.39		L	17:35:43.203						T__		1285.8	21.30	a_e Ms	5.8
GTTG	161.00		PKPab	16:32:23.498	-0.3	26.0		4.39		TAS				m_e	
IBBN	160.69		PKPab	16:32:21.821	0.2	26.0		4.39		TAS				m_e	
MOX	161.42		PKPab	16:32:25.261	0.5	26.0		4.39		TAS				m_e	
MOX	161.42		L	17:38:08.673						T__		1915.8	19.60	a_e Ms	6.0
NEUB	160.88		PKPab	16:32:22.859	-0.1	26.0		4.39		TAS				m_e	
PLN	161.41		PKPab	16:32:25.395	-0.2	26.0		4.39		TAS				m_e	
RETH	160.00		PKPab	16:32:18.724	-0.3	26.0		4.39		TAS				m_e	
ROTZ	162.03		PKPab	16:32:28.466	0.4	26.0		4.39		TAS				m_e	
RUE	159.17		PKPab	16:32:15.820	-0.1	26.0		4.39		TAS				m_e	
TANN	161.38		PKPab	16:32:25.203	-0.8	26.0		4.39		TAS				m_e	
TNS	162.57		PKPab	16:32:30.046	0.0	26.0		4.39		TAS				m_e	
WET	162.35		PKPab	16:32:29.641		26.0		4.39		TAS				m_e	
WLF	163.49		PKPab	16:32:34.400		26.0		4.39		TAS				m_e	

Event 618005 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/18	19:34:15.00			-33.3900	-178.3500				10.0			21		158.56	164.25	m i ke	EMSC
OrigID 618037																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	164.25		PKPab	19:55:10.941		27.1		4.38		TAS				m_e	
BRG	160.34		PKPab	19:54:53.768	0.2	27.1		4.38		TAS				m_e	
BSEG	158.56		PKPab	19:54:46.087	0.0	27.1		4.38		TAS				m_e	

BUG	161.50	PKPab	19:54:58.601	-0.7	27.1	4.38	TAS	m_e
CLL	160.27	PKPab	19:54:53.250	-0.3	27.1	4.38	TAS	m_e
CLZ	160.50	PKPab	19:54:54.803	0.4	27.1	4.38	TAS	m_e
FLT1	159.84	PKPab	19:54:51.265	-0.2	27.1	4.38	TAS	m_e
GEC2	162.12	PKPab	19:55:01.362		27.1	4.38	TAS	m_e
GOR1	159.22	PKPab	19:54:49.194	0.4	27.1	4.38	TAS	m_e
GRA1	162.23	PKPab	19:55:02.829	-1.0	27.1	4.38	TAS	m_e
GTTG	160.87	PKPab	19:54:56.270	0.2	27.1	4.38	TAS	m_e
IBBN	160.58	PKPab	19:54:54.976	-0.3	27.1	4.38	TAS	m_e
MOX	161.27	PKPab	19:54:57.996	0.3	27.1	4.38	TAS	m_e
PLN	161.25	PKPab	19:54:58.058	-0.0	27.1	4.38	TAS	m_e
RETH	159.88	PKPab	19:54:51.697	-0.2	27.1	4.38	TAS	m_e
ROTZ	161.86	PKPab	19:55:01.017	0.8	27.1	4.38	TAS	m_e
TANN	161.22	PKPab	19:54:57.996	0.4	27.1	4.38	TAS	m_e
TNS	162.45	PKPab	19:55:03.002	-0.0	27.1	4.38	TAS	m_e
UBBA	161.54	PKPab	19:54:59.032	0.3	27.1	4.38	TAS	m_e
WET	162.17	PKPab	19:55:02.139	0.1	27.1	4.38	TAS	m_e
WLF	163.40	PKPab	19:55:07.662	-0.1	27.1	4.38	TAS	m_e

Event 619001 Southwestern Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/19	00:26:36.60			24.2730	123.7520				33.0			14		83.09	87.54	m i ke	BGR
OrigID 619007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	619007
Ms	4.8		BGR	619007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.54		P	00:39:19.977		57.7		5.01		TAS		65.4	2.27	m_e	mb 5.6
BRG	83.09		P	00:38:57.966		57.7		5.01		TAS		4.5	1.10	m_e	mb 4.6
BUG	86.33		P	00:39:14.332	0.3	57.7		5.01		TAS		28.3	1.43	m_e	mb 5.2
CLL	83.38		P	00:38:59.108	0.1	57.7		5.01		TAS		5.1	0.78	m_e	mb 4.8
CLZ	84.50		P	00:39:05.472	-0.3	57.7		5.01		TAS		16.1	1.11	m_e	mb 5.2
GEC2	84.25		P	00:39:04.021		57.7		5.01		TAS		6.9	1.05	m_e	mb 4.8
GRA1	85.20		P	00:39:08.986		57.7		5.01		TAS		65.2	1.93	m_e	mb 5.5
GRA1	85.20		L	01:22:33.689						T__		387.3	19.60	a_e	Ms 4.8
IBBN	85.58		P	00:39:10.647	-0.2	57.7		5.01		TAS		98.2	2.10	m_e	mb 5.6
KAST	85.87		P	00:39:12.390	-0.5	57.7		5.01		TAS		53.7	2.15	m_e	mb 5.3
MOX	84.48		P	00:39:04.907		57.7		5.01		TAS		10.2	1.67	m_e	mb 4.8
MOX	84.48		L	01:17:27.455						T__		483.2	21.40	a_e	Ms 4.8
PLN	84.26		P	00:39:03.847		57.7		5.01		TAS		4.0	1.56	m_e	mb 4.4
RJOB	85.34		P	00:39:09.689		57.7		5.01		TAS		6.1	0.84	m_e	mb 4.9
ROTZ	84.61		P	00:39:06.092		57.7		5.01		TAS		12.7	2.41	m_e	mb 4.7
TNS	86.40		P	00:39:14.482		57.7		5.01		TAS		71.4	2.44	m_e	mb 5.4

Event 619002 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/19	02:59:35.75			52.2070	179.0540				33.0			21		73.81	79.74	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	619008
Ms	4.6		BGR	619008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.58		P	03:11:15.221	-0.7	7.6		5.58		TAS		32.6	1.42	m_e mb	5.3
BFO	79.53		P	03:11:36.649		7.6		5.58		TAS		14.5	1.12	m_e mb	4.8
BRG	76.53		P	03:11:20.556	0.1	7.6		5.58		TAS		8.5	0.84	m_e mb	4.9
BSEG	73.81		P	03:11:05.521	0.0	7.6		5.58		TAS		20.0	1.22	m_e mb	5.0
CLZ	75.89		P	03:11:17.213	0.0	7.6		5.58		TAS		24.2	0.95	m_e mb	5.3
FLT1	75.33		P	03:11:13.251	-0.1	7.6		5.58		TAS		15.2	0.95	m_e mb	5.0
GEC2	78.56		P	03:11:31.813		7.6		5.58		TAS		6.3	0.69	m_e mb	4.8
GOR1	74.67		P	03:11:10.687	0.7	7.6		5.58		TAS		36.2	1.23	m_e mb	5.3
GRA1	77.95		P	03:11:28.922		7.6		5.58		TAS		21.8	0.93	m_e mb	5.3
GRA1	77.95		L	03:57:56.487						T__		312.1	20.30	a_e Ms	4.6
IBBN	75.60		P	03:11:16.025	0.2	7.6		5.58		TAS		28.2	0.59	m_e mb	5.6
KAST	76.66		P	03:11:21.242	0.0	7.6		5.58		TAS		19.3	1.34	m_e mb	5.1
MOX	76.97		P	03:11:22.890	0.0	7.6		5.58		TAS		8.5	0.86	m_e mb	4.9
MOX	76.97		L	03:57:28.002						T__		267.6	20.50	a_e Ms	4.5
NEUB	76.42		P	03:11:19.216	0.3	7.6		5.58		TAS		46.4	1.30	m_e mb	5.5
PLN	77.08		P	03:11:23.583	-0.1	7.6		5.58		TAS		2.2	0.75	m_e mb	4.4
RETH	75.07		P	03:11:12.476	-0.7	7.6		5.58		TAS		17.9	1.09	m_e mb	5.0
RJOB	79.74		P	03:11:39.227		7.6		5.58		TAS		6.9	0.82	m_e mb	4.6
ROTZ	77.79		P	03:11:27.680		7.6		5.58		TAS		3.4	1.14	m_e mb	4.4
TANN	77.13		P	03:11:23.926	-0.6	7.6		5.58		TAS		13.6	1.41	m_e mb	4.9
TNS	77.64		P	03:11:27.001	0.7	7.6		5.58		TAS		12.5	0.82	m_e mb	5.1
UBBA	76.93		P	03:11:22.422	0.4	7.6		5.58		TAS		26.5	1.58	m_e mb	5.1
WET	78.34		P	03:11:30.737		7.6		5.58		TAS		13.7	1.34	m_e mb	4.9

Event 619003 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/19	03:08:37.27			51.8250	179.3010				33.0			25		74.21	80.15	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

mb	5.4	BGR	619009
Ms	4.6	BGR	619009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.98		P	03:20:18.978	-0.5	7.5		5.55		TAS		49.7	1.18	m_e	mb 5.5
BFO	79.93		P	03:20:40.504		7.5		5.55		TAS		15.6	0.83	m_e	mb 5.0
BRG	76.93		P	03:20:24.226	-0.0	7.5		5.55		TAS		18.8	0.87	m_e	mb 5.2
BSEG	74.21		P	03:20:09.215	0.1	7.5		5.55		TAS		35.1	0.93	m_e	mb 5.4
BUG	76.89		P	03:20:23.643	0.0	7.5		5.55		TAS		54.9	1.23	m_e	mb 5.5
CLL	76.59		P	03:20:21.991	-0.1	7.5		5.55		TAS		19.5	0.85	m_e	mb 5.3
CLZ	76.29		P	03:20:21.240	-0.5	7.5		5.55		TAS		63.4	1.01	m_e	mb 5.7
FLT1	75.73		P	03:20:17.260	0.4	7.5		5.55		TAS		57.4	1.18	m_e	mb 5.6
GEC2	78.96		P	03:20:35.631		7.5		5.55		TAS		14.9	0.76	m_e	mb 5.1
GOR1	75.07		P	03:20:14.326	0.2	7.5		5.55		TAS		69.3	1.16	m_e	mb 5.6
GRA1	78.35		P	03:20:32.679	-0.5	7.5		5.55		TAS		64.5	0.94	m_e	mb 5.7
GRA1	78.35		L	03:57:56.475						T__		312.1	20.30	a_e	Ms 4.6
GTTG	76.61		P	03:20:22.992	0.1	7.5		5.55		TAS		68.7	1.12	m_e	mb 5.7
IBBN	76.00		P	03:20:19.363	0.4	7.5		5.55		TAS		114.9	1.03	m_e	mb 6.0
KAST	77.06		P	03:20:25.183	-0.4	7.5		5.55		TAS		27.4	1.13	m_e	mb 5.3
MOX	77.37		P	03:20:26.777	-0.0	7.5		5.55		TAS		26.3	0.98	m_e	mb 5.3
MOX	77.37		L	03:57:28.008						T__		267.6	20.50	a_e	Ms 4.5
NEUB	76.82		P	03:20:23.780	-0.1	7.5		5.55		TAS		71.9	0.98	m_e	mb 5.8
PLN	77.48		P	03:20:27.422	0.1	7.5		5.55		TAS		6.3	0.86	m_e	mb 4.8
RETH	75.47		P	03:20:16.359	-0.5	7.5		5.55		TAS		46.5	1.13	m_e	mb 5.4
RJOB	80.15		P	03:20:42.355		7.5		5.55		TAS		22.3	0.74	m_e	mb 5.2
ROTZ	78.19		P	03:20:31.477	0.2	7.5		5.55		TAS		9.1	1.20	m_e	mb 4.8
TANN	77.53		P	03:20:27.835	0.2	7.5		5.55		TAS		44.0	1.50	m_e	mb 5.4
TNS	78.03		P	03:20:30.463	0.4	7.5		5.55		TAS		32.4	0.83	m_e	mb 5.5
UBBA	77.33		P	03:20:26.214	0.1	7.5		5.55		TAS		53.1	1.68	m_e	mb 5.4
WET	78.75		P	03:20:34.669	0.1	7.5		5.55		TAS		31.7	1.34	m_e	mb 5.2
WLF	78.72		P	03:20:34.481	0.0	7.5		5.55		TAS		39.8	0.95	m_e	mb 5.4

Event 620002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/20	15:05:25.89			65.9180	-16.2500				33.0			26		17.74	23.15	m i ke	BGR
	620008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	620008
Ms	4.9		BGR	620008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.34		P	15:09:47.223	-0.2	329.1		10.72		TAS		283.1	1.47	m_e	mb 5.3
BFO	21.85		P	15:10:13.284	-0.8	329.1		10.72		TAS		165.1	1.26	m_e	mb 5.3
BRG	21.53		P	15:10:11.303	0.0	329.1		10.72		TAS		175.4	1.46	m_e	mb 5.3

BSEG	17.74	P	15:09:28.741	-0.7	329.1	10.72	TAS	809.3	2.32	m_e	mb	5.4
BUG	18.79	P	15:09:41.873	0.0	329.1	10.72	TAS	541.6	1.38	m_e	mb	5.6
CLL	20.83	P	15:10:03.266	0.7	329.1	10.72	TAS	784.0	1.92	m_e	mb	5.7
CLZ	19.47	P	15:09:48.780	1.0	329.1	10.72	TAS	261.4	1.25	m_e	mb	5.3
FLT1	19.37	P	15:09:47.399	-0.1	329.1	10.72	TAS	314.9	1.51	m_e	mb	5.3
FUR	22.92	P	15:10:25.164		329.1	10.72	TAS	231.0	1.24	m_e	mb	5.6
GEC2	23.15	P	15:10:26.966		329.1	10.72	TAS	345.7	1.65	m_e	mb	5.6
GOR1	18.85	P	15:09:42.397	-0.1	329.1	10.72	TAS	1109.8	1.65	m_e	mb	5.8
GRA1	21.58	P	15:10:12.425	0.4	329.1	10.72	TAS	255.6	1.24	m_e	mb	5.5
GRA1	21.58	L	15:19:09.246				T__	3510.9	21.00	a_e	Ms	4.7
GTTG	19.58	P	15:09:50.112	-0.4	329.1	10.72	TAS	176.1	1.04	m_e	mb	5.2
IBBN	18.20	P	15:09:34.697	-0.9	329.1	10.72	TAS	276.9	1.57	m_e	mb	5.2
KAST	19.36	P	15:09:47.759	-0.0	329.1	10.72	TAS	1067.7	2.09	m_e	mb	5.7
MOX	20.90	P	15:10:04.275	1.3	329.1	10.72	TAS	945.5	1.87	m_e	mb	5.8
MOX	20.90	L	15:19:43.727				T__	7259.8	18.00	a_e	Ms	5.1
NEUB	20.50	P	15:10:00.174	0.2	329.1	10.72	TAS	471.2	1.63	m_e	mb	5.5
PLN	21.22	P	15:10:07.866	0.7	329.1	10.72	TAS	432.3	2.28	m_e	mb	5.4
RETH	18.38	P	15:09:36.347	0.5	329.1	10.72	TAS	561.5	1.69	m_e	mb	5.4
ROTZ	21.85	P	15:10:14.865	-1.3	329.1	10.72	TAS	37.4	1.39	m_e	mb	4.6
STU	21.72	P	15:10:12.835	-1.0	329.1	10.72	TAS	1129.9	1.64	m_e	mb	6.0
TANN	21.39	P	15:10:10.046	0.2	329.1	10.72	TAS	345.8	1.77	m_e	mb	5.4
TNS	20.22	P	15:09:56.318	0.4	329.1	10.72	TAS	570.0	1.54	m_e	mb	5.6
UBBA	20.21	P	15:09:56.542	0.4	329.1	10.72	TAS	536.9	1.84	m_e	mb	5.5
WET	22.61	P	15:10:21.657		329.1	10.72	TAS	360.0	1.74	m_e	mb	5.6
WLF	20.00	P	15:09:53.784	-0.4	329.1	10.72	TAS	332.0	1.28	m_e	mb	5.4

Event 620003 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/20	19:26:34.81			66.4070	-16.2060				33.0			27		17.97	24.07	m i ke	BGR
	620009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	620009
Ms	5.4		BGR	620009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.59		P	19:30:59.224	0.1	330.2		10.69		TAS		466.7	1.75	m_e	mb 5.4
BFO	22.16		P	19:31:26.935		330.2		10.69		TAS		158.5	1.24	m_e	mb 5.3
BRG	21.76		P	19:31:22.477	-0.3	330.2		10.69		TAS		119.1	1.32	m_e	mb 5.2
BSEG	17.97		P	19:30:40.805	-0.7	330.2		10.69		TAS		361.7	2.02	m_e	mb 5.2
BUG	19.09		P	19:30:54.078	-0.4	330.2		10.69		TAS		982.2	1.82	m_e	mb 5.7
CLL	21.07		P	19:31:15.345	-0.0	330.2		10.69		TAS		518.2	1.64	m_e	mb 5.6
CLZ	19.73		P	19:31:01.168	0.0	330.2		10.69		TAS		175.7	1.05	m_e	mb 5.2
FLT1	19.61		P	19:30:59.240	-0.1	330.2		10.69		TAS		282.1	1.32	m_e	mb 5.3
GEC2	23.40		P	19:31:39.753	0.8	330.2		10.69		TAS		204.8	1.60	m_e	mb 5.4

GOR1	19.09	P	19:30:54.467	2.6	330.2	10.69	TAS	995.8	1.57	m_e	mb	5.8
GRA1	21.86	P	19:31:24.283	-0.6	330.2	10.69	TAS	126.9	1.12	m_e	mb	5.2
GRA1	21.86	L	19:41:48.801				T__	10781.8	18.50	a_e	Ms	5.3
GTTG	19.85	P	19:31:02.707	0.5	330.2	10.69	TAS	222.5	1.12	m_e	mb	5.3
IBBN	18.49	P	19:30:46.413	-0.4	330.2	10.69	TAS			m_e		
KAST	19.65	P	19:30:59.929	0.6	330.2	10.69	TAS	274.9	1.37	m_e	mb	5.3
MOX	21.16	P	19:31:16.248	0.0	330.2	10.69	TAS	150.5	1.15	m_e	mb	5.2
MOX	21.16	L	19:40:56.609				T__	19025.0	18.00	a_e	Ms	5.5
NEUB	20.75	P	19:31:11.873	-0.1	330.2	10.69	TAS	1326.9	2.06	m_e	mb	5.9
PLN	21.48	P	19:31:19.421	0.4	330.2	10.69	TAS	53.5	1.19	m_e	mb	4.8
RETH	18.64	P	19:30:48.934	-1.6	330.2	10.69	TAS	331.3	1.58	m_e	mb	5.3
RJOB	24.07	P	19:31:46.551		330.2	10.69	TAS	53.8	0.90	m_e	mb	5.1
ROTZ	22.11	P	19:31:26.110	0.2	330.2	10.69	TAS	27.6	1.38	m_e	mb	4.5
RUE	20.37	P	19:31:08.805	-0.3	330.2	10.69	TAS	151.4	1.06	m_e	mb	5.2
STU	22.03	P	19:31:25.920	-1.2	330.2	10.69	TAS	970.2	1.68	m_e	mb	6.0
TANN	21.64	P	19:31:21.513	-0.6	330.2	10.69	TAS	211.1	1.40	m_e	mb	5.4
TNS	20.52	P	19:31:09.797	1.3	330.2	10.69	TAS	1611.8	2.28	m_e	mb	6.0
UBBA	20.49	P	19:31:09.352	-0.4	330.2	10.69	TAS	352.7	1.66	m_e	mb	5.3
WET	22.87	P	19:31:34.260	0.6	330.2	10.69	TAS	117.7	1.33	m_e	mb	5.2
WLF	20.33	P	19:31:07.137	-0.5	330.2	10.69	TAS	133.2	1.06	m_e	mb	5.1

Event 620004 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/20	20:11:24.91			67.0940	-17.1130				33.0			12		20.29	24.77	m i ke	BGR
	620010																

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	620010
Ms	3.9		BGR	620010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	22.90	P		20:16:21.875		331.1		10.41		TAS		16.5	0.98	m_e	mb	4.5
CLZ	20.42	P		20:15:57.350	1.2	331.1		10.41		TAS		20.3	0.98	m_e	mb	4.3
FLT1	20.29	P		20:15:55.651	0.0	331.1		10.41		TAS		21.3	1.40	m_e	mb	4.2
GRA1	22.56	P		20:16:21.787		331.1		10.41		TAS		12.1	1.02	m_e	mb	4.4
GRA1	22.56	L		20:24:40.762						T__		437.0	18.00	a_e	Ms	3.9
GTTG	20.55	P		20:15:59.419	-0.3	331.1		10.41		TAS		27.3	1.00	m_e	mb	4.5
KAST	20.36	P		20:15:55.764		331.1		10.41		TAS		15.0	1.08	m_e	mb	4.1
MOX	21.85	P		20:16:12.739		331.1		10.41		TAS		19.1	1.23	m_e	mb	4.4
MOX	21.85	L		20:25:57.138						T__		472.4	19.20	a_e	Ms	3.9
PLN	22.17	P		20:16:15.162		331.1		10.41		TAS		4.6	1.16	m_e	mb	3.8
RJOB	24.77	P		20:16:41.611		331.1		10.41		TAS		12.8	0.93	m_e	mb	4.6
STU	22.75	P		20:16:22.512		331.1		10.41		TAS		56.3	0.97	m_e	mb	5.1
TNS	21.24	P		20:16:05.229		331.1		10.41		TAS		16.3	0.93	m_e	mb	4.3
WLF	21.07	P		20:16:02.524		331.1		10.41		TAS		23.8	1.07	m_e	mb	4.5

Event 621001 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/21	02:51:24.30			64.9090	-11.4240				33.0				12	16.16	20.39	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	621007
Ms	3.3		BGR	621007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	19.28		P	02:55:44.936		330.4		10.93		TAS		11.8	1.37	m_e mb	3.9
BUG	16.61		P	02:55:16.309	0.8	330.4		10.93		TAS		33.2	1.35	m_e mb	4.3
CLL	18.59		P	02:55:37.597		330.4		10.93		TAS		7.6	1.13	m_e mb	3.8
FLT1	17.13		P	02:55:21.710	0.1	330.4		10.93		TAS		15.7	1.27	m_e mb	4.0
GRA1	19.37		P	02:55:46.998		330.4		10.93		TAS		18.2	1.48	m_e mb	4.1
GRA1	19.37		L	03:04:42.098						T__		136.5	20.70	a_e Ms	3.3
KAST	17.17		P	02:55:22.328		330.4		10.93		TAS		27.8	1.61	m_e mb	4.1
MOX	18.68		P	02:55:38.621		330.4		10.93		TAS		14.3	1.27	m_e mb	4.0
MOX	18.68		L	03:05:17.537						T__		194.6	18.50	a_e Ms	3.4
RETH	16.16		P	02:55:11.134	-0.1	330.4		10.93		TAS		16.5	1.36	m_e mb	4.0
STU	19.56		P	02:55:48.795		330.4		10.93		TAS		70.9	1.46	m_e mb	4.7
TANN	19.16		P	02:55:44.093		330.4		10.93		TAS		7.9	1.26	m_e mb	3.8
TNS	18.04		P	02:55:31.128		330.4		10.93		TAS		14.0	1.26	m_e mb	3.9
WET	20.39		P	02:55:56.659		330.4		10.93		TAS		18.9	1.64	m_e mb	4.1

Event 621005 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/21	10:46:37.53			24.5270	93.7740				33.0				21	64.95	70.22	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	621011
Ms	4.7		BGR	621011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	65.09		P	10:57:13.972	-0.1	78.8		6.37		TAS		21.0	1.05	m_e mb	5.3
BSEG	66.78		P	10:57:25.611	0.6	78.8		6.37		TAS		12.6	0.92	m_e mb	5.1
BUG	69.10		P	10:57:39.525	-0.2	78.8		6.37		TAS		18.8	1.01	m_e mb	5.3
CLL	65.60		P	10:57:17.103	-0.2	78.8		6.37		TAS		10.9	1.00	m_e mb	5.0
CLZ	67.13		P	10:57:27.399	-0.3	78.8		6.37		TAS		27.5	0.99	m_e mb	5.4

FLT1	66.51	P	10:57:22.717	0.3	78.8	6.37	TAS	18.6	1.19	m_e	mb	5.2
GEC2	65.57	P	10:57:16.962		78.8	6.37	TAS	24.8	1.00	m_e	mb	5.4
GOR1	66.36	P	10:57:22.608	0.2	78.8	6.37	TAS	32.1	1.08	m_e	mb	5.5
GRA1	67.01	P	10:57:26.704		78.8	6.37	TAS	38.2	1.38	m_e	mb	5.4
GRA1	67.01	L	11:05:06.113				T__	470.5	18.70	a_e	Ms	4.7
GTTG	67.43	P	10:57:29.291	-0.2	78.8	6.37	TAS	19.7	0.98	m_e	mb	5.3
HLG	68.14	P	10:57:31.556	1.1	78.8	6.37	TAS	110.1	0.93	m_e	mb	6.1
IBBN	68.61	P	10:57:36.695	0.3	78.8	6.37	TAS	15.7	1.05	m_e	mb	5.2
MOX	66.58	P	10:57:23.495	0.2	78.8	6.37	TAS	14.1	1.07	m_e	mb	5.1
MOX	66.58	L	11:01:00.176				T__	422.1	21.80	a_e	Ms	4.6
NEUB	66.39	P	10:57:22.204	-0.1	78.8	6.37	TAS	27.1	0.97	m_e	mb	5.5
PLN	66.27	P	10:57:21.567	0.3	78.8	6.37	TAS	5.3	1.08	m_e	mb	4.7
ROTZ	66.37	P	10:57:22.638		78.8	6.37	TAS	7.4	0.98	m_e	mb	4.9
RUE	64.95	P	10:57:13.386	-0.4	78.8	6.37	TAS	51.8	1.16	m_e	mb	5.7
TANN	66.09	P	10:57:20.514	-0.2	78.8	6.37	TAS	12.6	1.01	m_e	mb	5.1
TNS	68.65	P	10:57:36.826	-0.2	78.8	6.37	TAS	15.2	0.81	m_e	mb	5.3
WET	66.05	P	10:57:20.105		78.8	6.37	TAS	14.3	0.98	m_e	mb	5.2
WLF	70.22	P	10:57:47.154		78.8	6.37	TAS	47.4	1.04	m_e	mb	5.6

Event 621002 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/21	18:20:08.36			67.4950	-18.1960				33.0			10		20.94	24.66	m i ke	BGR
	621008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	621008
Ms	3.4		BGR	621008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	23.48		P	18:25:15.054		331.3		10.09		TAS		11.0	0.99	m_e	mb	4.3
BRG	22.99		P	18:25:10.967		331.3		10.09		TAS		7.3	1.15	m_e	mb	4.1
CLL	22.31		P	18:25:03.659		331.3		10.09		TAS		13.2	1.16	m_e	mb	4.2
CLZ	21.00		P	18:24:49.656	-0.3	331.3		10.09		TAS		16.5	1.01	m_e	mb	4.3
GEC2	24.66		P	18:25:28.142		331.3		10.09		TAS		11.1	0.99	m_e	mb	4.5
GRA1	23.13		L	18:33:02.834						T__		143.4	21.50	a_e	Ms	3.4
KAST	20.94		P	18:24:52.040		331.3		10.09		TAS		16.2	1.09	m_e	mb	4.3
MOX	22.43		P	18:25:05.933		331.3		10.09		TAS		10.1	0.81	m_e	mb	4.3
MOX	22.43		L	18:34:46.001						T__		140.0	18.40	a_e	Ms	3.4
PLN	22.74		P	18:25:09.606		331.3		10.09		TAS		3.8	0.89	m_e	mb	3.9
ROTZ	23.38		P	18:25:14.469		331.3		10.09		TAS		2.4	1.25	m_e	mb	3.6
TANN	22.90		P	18:25:10.967		331.3		10.09		TAS		7.6	1.00	m_e	mb	4.2

Event 621003 Iceland region
Date 2020/06/21 19:08:01.32
Time 19:08:01.32
Err
RMS 66.6800
Latitude -17.8120
Longitude
Smaj
Smin
Az 33.0
Depth
Err Ndef Nsta 28
Gap 18.67
mdist 24.75
Mdist
Qual m i ke
Author BGR

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 621009
Ms 5.8 BGR 621009

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 621003.

Event 621004 Iceland region
Date 2020/06/21 19:46:17.32
Time 19:46:17.32
Err
RMS 67.2600
Latitude -18.9220
Longitude
Smaj
Smin
Az 33.0
Depth
Err Ndef Nsta 12
Gap 21.03
mdist 24.77
Mdist
Qual m i ke
Author BGR

621010

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	621010
Ms	4.2		BGR	621010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	23.54		P	19:51:22.399		330.4		10.02		TAS		10.8	1.05	m_e	mb	4.3
CLL	22.43		P	19:51:11.357		330.4		10.02		TAS		14.1	1.07	m_e	mb	4.3
CLZ	21.10		P	19:50:58.246	0.2	330.4		10.02		TAS		18.5	1.04	m_e	mb	4.3
GEC2	24.77		P	19:51:35.747		330.4		10.02		TAS		10.9	1.08	m_e	mb	4.5
GRA1	23.23		P	19:51:21.175		330.4		10.02		TAS		27.2	1.37	m_e	mb	4.6
GRA1	23.23		L	19:59:22.882						T__		829.1	21.20	a_e	Ms	4.2
KAST	21.03		P	19:50:59.055		330.4		10.02		TAS		22.8	1.35	m_e	mb	4.3
MOX	22.53		P	19:51:14.418		330.4		10.02		TAS		15.5	0.96	m_e	mb	4.5
MOX	22.53		L	19:56:33.825						T__		903.4	18.90	a_e	Ms	4.2
NEUB	22.12		P	19:51:08.038		330.4		10.02		TAS		17.7	1.05	m_e	mb	4.4
PLN	22.85		P	19:51:15.974		330.4		10.02		TAS		2.5	0.90	m_e	mb	3.7
ROTZ	23.48		P	19:51:22.689		330.4		10.02		TAS		3.3	1.34	m_e	mb	3.7
STU	23.40		P	19:51:20.440		330.4		10.02		TAS		30.7	0.92	m_e	mb	4.8
TANN	23.01		P	19:51:18.135		330.4		10.02		TAS		8.0	1.02	m_e	mb	4.2

Event 621006 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/21	22:40:55.89			23.1190	93.4400				33.0			27		65.80	71.03	m i ke	BGR

OrigID
621012

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	621012
Ms	5.8		BGR	621012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	67.74		P	22:51:48.871	-0.2	80.1		6.31		TAS		83.9	1.47	m_e	mb	5.8
BFO	69.93		P	22:52:02.865	-0.2	80.1		6.31		TAS		52.6	1.55	m_e	mb	5.4
BRG	65.90		P	22:51:37.519	-0.1	80.1		6.31		TAS		70.7	1.15	m_e	mb	5.8
BSEG	67.66		P	22:51:48.960	0.6	80.1		6.31		TAS		45.4	0.94	m_e	mb	5.7
BUG	69.94		P	22:52:02.726	-0.3	80.1		6.31		TAS		53.2	1.03	m_e	mb	5.6
CLL	66.43		P	22:51:40.290	-0.6	80.1		6.31		TAS		51.6	1.17	m_e	mb	5.7
CLZ	67.97		P	22:51:50.927	0.3	80.1		6.31		TAS		96.3	1.05	m_e	mb	6.0
FLT1	67.36		P	22:51:46.011	-0.7	80.1		6.31		TAS		46.1	1.05	m_e	mb	5.6
FUR	68.04		P	22:51:50.798	-0.3	80.1		6.31		TAS		87.6	1.27	m_e	mb	5.8
GEC2	66.33		P	22:51:40.787	0.4	80.1		6.31		TAS		85.4	1.04	m_e	mb	5.9
GOR1	67.22		P	22:51:46.100	0.4	80.1		6.31		TAS		122.6	1.09	m_e	mb	6.0
GRA1	67.80		P	22:51:50.122	0.5	80.1		6.31		TAS		122.2	1.30	m_e	mb	6.0
GRA1	67.80		L	23:24:53.814						T__		5180.8	19.80	a_e	Ms	5.8

GTTG	68.27	P	22:51:52.357	-0.1	80.1	6.31	TAS	70.4	1.12	m_e	mb	5.8
IBBN	69.47	P	22:52:00.223	0.2	80.1	6.31	TAS	64.6	1.06	m_e	mb	5.8
KAST	69.29	P	22:51:58.614	-0.3	80.1	6.31	TAS	28.5	1.20	m_e	mb	5.4
MOX	67.39	P	22:51:46.905	-0.1	80.1	6.31	TAS	51.1	1.19	m_e	mb	5.6
MOX	67.39	L	23:24:46.954				T__	5332.0	20.30	a_e	Ms	5.8
NEUB	67.21	P	22:51:45.653	-0.2	80.1	6.31	TAS	63.5	1.06	m_e	mb	5.8
PLN	67.08	P	22:51:44.938	-0.1	80.1	6.31	TAS	15.7	1.06	m_e	mb	5.2
RETH	68.43	P	22:51:53.519	0.2	80.1	6.31	TAS	41.2	1.38	m_e	mb	5.5
ROTZ	67.16	P	22:51:46.100	0.5	80.1	6.31	TAS	28.1	1.10	m_e	mb	5.4
RUE	65.80	P	22:51:36.715	-0.1	80.1	6.31	TAS	139.0	1.20	m_e	mb	6.1
STU	69.28	P	22:51:58.833	-0.1	80.1	6.31	TAS	177.7	1.10	m_e	mb	6.2
TANN	66.90	P	22:51:43.865	-0.1	80.1	6.31	TAS	52.3	1.15	m_e	mb	5.7
TNS	69.46	P	22:52:00.223	0.1	80.1	6.31	TAS	44.0	0.88	m_e	mb	5.7
UBBA	68.37	P	22:51:53.161	-0.1	80.1	6.31	TAS	115.4	1.62	m_e	mb	5.8
WET	66.82	P	22:51:43.776	0.3	80.1	6.31	TAS	52.0	1.07	m_e	mb	5.7
WLF	71.03	P	22:52:10.323	0.3	80.1	6.31	TAS	133.2	1.04	m_e	mb	6.0

Event 623002 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/23	07:43:27.40		0.1700	123.7400					100.0			19		101.59	105.47	m i ke	EMSC
	623034																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	103.84		Pdiff	07:57:18.079	0.5	73.9		4.40		TAS				m_e	
BRG	102.26		Pdiff	07:57:10.824	-0.1	73.9		4.40		TAS				m_e	
BSEG	103.45		Pdiff	07:57:16.717	-0.2	73.9		4.40		TAS				m_e	
CLL	102.71		Pdiff	07:57:12.911	-0.2	73.9		4.40		TAS				m_e	
CLZ	104.11		Pdiff	07:57:19.628	-0.1	73.9		4.40		TAS				m_e	
FLT1	103.45		Pdiff	07:57:15.805	0.3	73.9		4.40		TAS				m_e	
GEC2	102.95		Pdiff	07:57:13.801		73.9		4.40		TAS				m_e	
GOR1	103.20		Pdiff	07:57:15.288	0.3	73.9		4.40		TAS				m_e	
GTTG	104.44		Pdiff	07:57:21.284	-0.3	73.9		4.40		TAS				m_e	
KAST	105.47		Pdiff	07:57:25.029	-0.1	73.9		4.40		TAS				m_e	
MOX	103.74		Pdiff	07:57:17.504	0.2	73.9		4.40		TAS				m_e	
NEUB	103.48		Pdiff	07:57:16.720	-0.1	73.9		4.40		TAS				m_e	
PLN	103.46		Pdiff	07:57:16.207	-0.1	73.9		4.40		TAS				m_e	
RETH	104.40		Pdiff	07:57:21.093	0.1	73.9		4.40		TAS				m_e	
RGN	101.59		Pdiff	07:57:08.927	0.3	73.9		4.40		TAS				m_e	
ROTZ	103.64		Pdiff	07:57:17.254		73.9		4.40		TAS				m_e	
RUE	101.92		Pdiff	07:57:09.786	-0.7	73.9		4.40		TAS				m_e	
TANN	103.29		Pdiff	07:57:15.423		73.9		4.40		TAS				m_e	
WET	103.39		Pdiff	07:57:16.114		73.9		4.40		TAS				m_e	

Event 623001 Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/23	15:29:07.31			16.0060	-96.0010				33.0			27		85.06	90.49	m i ke	BGR
OrigID 623007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.6		BGR	623007
MBB	7.8		BGR	623007
Ms	7.8		BGR	623007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	87.38		P	15:41:50.529	0.1	293.3		4.72		TAS		848.0	1.57	m_e	MBB 7.8
ASSE	87.38		PP	15:45:16.095		292.1		7.85		TAS				m_e	
BFO	87.41		P	15:41:50.441	-0.1	293.3		4.72		TAS		1645.3	2.57	m_e	MBB 7.7
BFO	87.41		PP	15:45:14.467		292.1		7.85		TAS				m_e	
BRG	89.76		P	15:42:01.720	0.1	293.3		4.72		TAS		413.7	1.72	m_e	MBB 7.7
BRG	89.76		PP	15:45:34.605		292.1		7.85		TAS				m_e	
BSEG	86.49		P	15:41:46.472	0.3	293.3		4.72		TAS		1152.4	2.01	m_e	MBB 7.6
BSEG	86.49		PP	15:45:10.303		292.1		7.85		TAS				m_e	
BUG	85.67		P	15:41:42.153	-0.2	293.3		4.72		TAS		947.6	1.66	m_e	MBB 7.8
CLL	89.04		P	15:41:57.851	-0.4	293.3		4.72		TAS		308.1	1.57	m_e	MBB 7.8
CLL	89.04		PP	15:45:26.489		292.1		7.85		TAS				m_e	
CLZ	87.32		P	15:41:50.263	0.1	293.3		4.72		TAS		346.3	1.35	m_e	MBB 7.8
CLZ	87.32		PP	15:45:12.861		292.1		7.85		TAS				m_e	
FLT1	87.62		P	15:41:51.052	-0.5	293.3		4.72		TAS		1289.6	2.03	m_e	MBB 7.9
FLT1	87.62		PP	15:45:15.652		292.1		7.85		TAS				m_e	
FUR	89.29		P	15:41:59.845	0.4	293.3		4.72		TAS		212.4	1.28	m_e	MBB 7.8
FUR	89.29		PP	15:45:29.373		292.1		7.85		TAS				m_e	
GEC2	90.49		P	15:42:04.924	-0.1	293.3		4.72		TAS		1638.4	2.79	m_e	MBB 7.7
GEC2	90.49		PP	15:45:38.211		292.1		7.85		TAS				m_e	
GOR1	87.40		P	15:41:50.529	0.0	293.3		4.72		TAS		497.5	1.49	m_e	MBB 7.8
GOR1	87.40		PP	15:45:12.839		292.1		7.85		TAS				m_e	
GRA1	88.66		P	15:41:56.804	0.4	293.3		4.72		TAS		980.1	2.20	m_e	mb 6.7
GRA1	88.66		PP	15:45:24.257		292.1		7.85		TAS				m_e	
GRA1	88.66		L	16:22:32.094						T__		354473.0	20.40	a_e	Ms 7.8
GTTG	87.20		P	15:41:49.744	0.2	293.3		4.72		TAS		265.5	1.06	m_e	MBB 7.8
GTTG	87.20		PP	15:45:13.304		292.1		7.85		TAS				m_e	
HLG	85.06		P	15:41:39.536	0.1	293.3		4.72		TAS		1208.3	1.34	m_e	MBB 8.1
IBBN	85.65		P	15:41:42.153	-0.1	293.3		4.72		TAS		1218.6	1.53	m_e	MBB 7.8
IBBN	85.65		PP	15:44:59.139		292.1		7.85		TAS				m_e	
KAST	86.43		P	15:41:45.814	-0.1	293.3		4.72		TAS		695.1	1.68	m_e	MBB 7.8
MOX	88.51		P	15:41:55.633	-0.1	293.3		4.72		TAS		2694.0	3.28	m_e	MBB 7.8
MOX	88.51		PP	15:45:21.443		292.1		7.85		TAS				m_e	
MOX	88.51		L	16:23:23.066						T__		336768.0	20.30	a_e	Ms 7.8
NEUB	88.38		P	15:41:55.109	-0.0	293.3		4.72		TAS		588.5	1.78	m_e	MBB 7.9

NEUB	88.38	PP	15:45:21.698		292.1		7.85	TAS									m_e	
PLN	88.89	P	15:41:57.328	-0.2	293.3		4.72	TAS		158.3	1.73	m_e	MBB				7.3	
PLN	88.89	PP	15:45:25.187		292.1		7.85	TAS									m_e	
RETH	86.41	P	15:41:46.341	0.5	293.3		4.72	TAS		1188.7	1.61	m_e	MBB				7.9	
ROTZ	89.21	P	15:41:59.297	0.2	293.3		4.72	TAS		497.3	3.10	m_e	MBB				7.2	
ROTZ	89.21	PP	15:45:30.443		292.1		7.85	TAS									m_e	
RUE	88.99	PP	15:45:27.513		292.1		7.85	TAS									m_e	
STU	87.78	P	15:41:52.361	0.1	293.3		4.72	TAS		3350.1	2.13	m_e	MBB				8.3	
STU	87.78	PP	15:45:17.512		292.1		7.85	TAS									m_e	
TANN	89.10	P	15:41:58.381	-0.1	293.3		4.72	TAS		274.7	1.50	m_e	MBB				7.8	
TANN	89.10	PP	15:45:27.280		292.1		7.85	TAS									m_e	
TNS	86.80	P	15:41:47.650	-0.0	293.3		4.72	TAS		2817.1	2.39	m_e	MBB				7.8	
TNS	86.80	PP	15:45:09.372		292.1		7.85	TAS									m_e	
UBBA	87.50	P	15:41:50.660	-0.3	293.3		4.72	TAS		1053.0	2.04	m_e	MBB				7.7	
WET	89.87	P	15:42:02.307	0.1	293.3		4.72	TAS		509.0	1.84	m_e	MBB				7.7	
WET	89.87	PP	15:45:33.327		292.1		7.85	TAS									m_e	
WLF	85.60	P	15:41:41.892	-0.1	293.3		4.72	TAS		1443.6	1.69	m_e	MBB				7.9	

Event 623003 Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/23	17:50:25.50			14.0100	145.5900				62.0			7		102.34	107.24	m i ke	EMSC
	623035																

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 623009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	103.48		PP	18:08:35.544	0.7	45.9		7.15		TAS					m_e
BSEG	102.34		Pdiff	18:04:13.213	0.4	45.1		4.35		TAS		5.8	0.93	m_e	mb 5.2
BUG	105.43		PP	18:08:49.738	0.4	45.9		7.15		TAS					m_e
CLL	103.00		Pdiff	18:04:16.220	-0.1	45.1		4.35		TAS		10.2	0.90	m_e	mb 5.5
CLZ	103.81		PP	18:08:38.217	0.3	45.9		7.15		TAS					m_e
FUR	105.98		Pdiff	18:04:29.280		45.1		4.35		TAS		24.2	1.14	m_e	mb 6.1
FUR	105.98		PP	18:08:52.661		45.9		7.15		TAS					m_e
GEC2	104.33		Pdiff	18:04:21.217		45.1		4.35		TAS		3.9	0.95	m_e	mb 5.2
GRA1	104.94		Pdiff	18:04:31.156		45.1		4.35		TAS		21.4	1.26	m_e	mb 5.9
GRA1	104.94		PP	18:08:47.754		45.9		7.15		TAS					m_e
GTTG	104.20		PP	18:08:41.677	0.3	45.9		7.15		TAS					m_e
IBBN	104.59		Pdiff	18:04:22.919		45.1		4.35		TAS		16.1	0.99	m_e	mb 5.9
IBBN	104.59		PP	18:08:43.880	-1.1	45.9		7.15		TAS					m_e
KAST	105.12		PP	18:08:46.728	0.8	45.9		7.15		TAS					m_e
MOX	104.10		PP	18:08:41.067		45.9		7.15		TAS					m_e
NEUB	103.65		Pdiff	18:04:19.364		45.1		4.35		TAS		14.3	0.86	m_e	mb 5.8
NEUB	103.65		PP	18:08:37.581	0.2	45.9		7.15		TAS					m_e
PLN	103.96		Pdiff	18:04:19.638		45.1		4.35		TAS		1.8	1.01	m_e	mb 4.8

./bul2006.txt

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RETH	103.60	PP	18:08:36.826	0.4	45.9	7.15	TAS										m_e
ROTZ	104.43	Pdiff	18:04:22.508		45.1	4.35	TAS				1.5	0.94	m_e	mb			4.8
ROTZ	104.43	PP	18:08:43.757		45.9	7.15	TAS										m_e
STU	106.54	PP	18:08:59.026		45.9	7.15	TAS										m_e
TNS	105.82	PP	18:08:53.244		45.9	7.15	TAS										m_e
UBBA	104.71	PP	18:08:45.723	-1.9	45.9	7.15	TAS										m_e
WET	104.53	PP	18:08:44.425		45.9	7.15	TAS										m_e
WLF	107.24	PP	18:09:03.212		45.9	7.15	TAS										m_e

Event 623004 Near coast of Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/23	18:27:18.31			15.9700	-94.1730				33.0				9	84.50	89.41	m i ke	BGR
OrigID 623010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	623010
Ms	5.7		BGR	623010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BSEG	85.52		P	18:39:52.760	-0.4	291.9		4.80		TAS		7.0	0.98	m_e	mb	4.8
BUG	84.62		P	18:39:47.147		291.9		4.80		TAS		23.7	1.38	m_e	mb	5.2
GEC2	89.41		P	18:40:10.465		291.9		4.80		TAS		11.5	1.30	m_e	mb	5.0
GRA1	87.59		L	19:32:49.064						T__		3397.5	22.00	a_e	Ms	5.7
IBBN	84.62		P	18:39:47.003	0.7	291.9		4.80		TAS		23.9	1.13	m_e	mb	5.3
KAST	85.38		P	18:39:50.457		291.9		4.80		TAS		9.4	1.06	m_e	mb	4.9
MOX	87.47		L	19:22:58.566						T__		3008.6	21.00	a_e	Ms	5.7
RETH	85.40		P	18:39:50.457	-0.6	291.9		4.80		TAS		77.3	2.21	m_e	mb	5.5
TNS	85.72		P	18:39:53.048		291.9		4.80		TAS		24.6	1.32	m_e	mb	5.2
WET	88.80		P	18:40:07.442		291.9		4.80		TAS		8.9	1.08	m_e	mb	4.9
WLF	84.50		P	18:39:47.578		291.9		4.80		TAS		36.1	1.17	m_e	mb	5.5

Event 624005 Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/24	15:38:51.29			-0.2730	-74.0310				180.8	1.9			14	83.85	88.93	m i ke	BGR
OrigID 624011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	624011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	88.93		P	15:51:24.705		266.2		4.78		TAS		23.8	1.04	m_e	mb	5.4

BRG	88.93	pP	15:52:09.998		266.2	4.78	TAS			m_e		
BUG	84.78	P	15:51:05.122	-0.1	266.2	4.78	TAS	42.0	1.08	m_e mb	5.6	
CLL	88.35	P	15:51:22.027		266.2	4.78	TAS			m_e		
CLL	88.35	pP	15:52:07.256		266.2	4.78	TAS			m_e		
CLZ	86.74	P	15:51:14.085	0.6	266.2	4.78	TAS	25.1	1.35	m_e mb	5.2	
CLZ	86.74	pP	15:51:59.695		266.2	4.78	TAS			m_e		
FLT1	87.31	pP	15:52:01.676		266.2	4.78	TAS			m_e		
IBBN	85.18	pP	15:51:52.016		266.2	4.78	TAS			m_e		
KAST	85.47	P	15:51:07.612	0.0	266.2	4.78	TAS	27.2	1.25	m_e mb	5.2	
KAST	85.47	pP	15:51:53.239		266.2	4.78	TAS			m_e		
MOX	87.44	P	15:51:17.182		266.2	4.78	TAS			m_e		
PLN	87.78	P	15:51:19.391		266.2	4.78	TAS	5.7	0.95	m_e mb	4.9	
PLN	87.78	pP	15:52:04.553		266.2	4.78	TAS			m_e		
RETH	86.20	P	15:51:11.944	-0.1	266.2	4.78	TAS	35.0	1.21	m_e mb	5.4	
RETH	86.20	pP	15:51:56.943		266.2	4.78	TAS			m_e		
RJOB	88.06	P	15:51:20.477		266.2	4.78	TAS	10.3	0.58	m_e mb	5.2	
ROTZ	87.77	P	15:51:19.473		266.2	4.78	TAS	3.9	0.99	m_e mb	4.7	
ROTZ	87.77	pP	15:52:04.701		266.2	4.78	TAS			m_e		
STU	85.73	P	15:51:09.317		266.2	4.78	TAS	77.3	0.98	m_e mb	5.8	
TANN	87.97	P	15:51:20.283		266.2	4.78	TAS	20.0	1.06	m_e mb	5.4	
TANN	87.97	pP	15:52:05.761		266.2	4.78	TAS			m_e		
TNS	85.39	P	15:51:07.913		266.2	4.78	TAS	33.6	1.14	m_e mb	5.4	
TNS	85.39	pP	15:51:53.343		266.2	4.78	TAS			m_e		
WET	88.18	P	15:51:21.136		266.2	4.78	TAS	19.2	1.16	m_e mb	5.2	
WET	88.18	pP	15:52:06.595		266.2	4.78	TAS			m_e		
WLF	83.85	P	15:51:01.052		266.2	4.78	TAS	69.5	0.90	m_e mb	5.9	
WLF	83.85	pP	15:51:45.943		266.2	4.78	TAS			m_e		

Event 624008 Central California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/24	17:40:56.50			36.7460	-118.7900				33.0			24		78.47	85.43	m i ke	BGR
	624014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	624014
Ms	6.1		BGR	624014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	81.12		S	18:03:20.079		322.3		10.19		TAS				m_e	
ASSE	81.12		P	17:53:06.930	-0.1	321.8		5.17		TAS		73.1	1.33	m_e mb	5.5
BFO	83.10		P	17:53:16.762		321.8		5.17		TAS		59.3	1.49	m_e mb	5.6
BRG	83.37		S	18:03:42.710		322.3		10.19		TAS				m_e	
BRG	83.37		P	17:53:18.497	-0.0	321.8		5.17		TAS		116.2	1.60	m_e mb	5.9
BSEG	79.58		P	17:52:58.934	0.2	321.8		5.17		TAS		74.6	1.53	m_e mb	5.4
BUG	80.29		P	17:53:01.917	-0.1	321.8		5.17		TAS		67.9	1.60	m_e mb	5.3

BUG	80.29	S	18:03:10.456		322.3	10.19	TAS				m_e		
CLL	82.66	P	17:53:14.641	-0.1	321.8	5.17	TAS	53.2	1.49	m_e mb		5.5	
CLZ	81.23	S	18:03:20.056		322.3	10.19	TAS			m_e			
CLZ	81.23	P	17:53:07.894	-0.2	321.8	5.17	TAS	46.8	1.07	m_e mb		5.4	
FLT1	81.18	S	18:03:18.685		322.3	10.19	TAS			m_e			
FLT1	81.18	P	17:53:06.869	-0.6	321.8	5.17	TAS	60.0	1.32	m_e mb		5.5	
FUR	84.47	S	18:03:53.658		322.3	10.19	TAS			m_e			
FUR	84.47	P	17:53:24.484		321.8	5.17	TAS	281.7	1.99	m_e mb		6.2	
GEC2	84.91	S	18:03:55.715		322.3	10.19	TAS			m_e			
GEC2	84.91	P	17:53:26.537		321.8	5.17	TAS	61.6	1.47	m_e mb		5.6	
GOR1	80.69	P	17:53:04.809	-0.1	321.8	5.17	TAS	94.9	1.46	m_e mb		5.6	
GRA1	83.25	S	18:03:44.081		322.3	10.19	TAS			m_e			
GRA1	83.25	P	17:53:18.497	0.3	321.8	5.17	TAS	224.7	1.63	m_e mb		6.1	
GRA1	83.25	L	18:30:03.817				T__	8557.9	20.90	a_e Ms		6.1	
GTTG	81.30	S	18:03:21.450		322.3	10.19	TAS			m_e			
HLG	78.47	S	18:02:49.884		322.3	10.19	TAS			m_e			
IBBN	79.83	P	17:53:00.086	0.5	321.8	5.17	TAS	126.9	1.51	m_e mb		5.6	
KAST	80.94	S	18:03:18.685		322.3	10.19	TAS			m_e			
KAST	80.94	P	17:53:05.725	-0.2	321.8	5.17	TAS	36.8	1.45	m_e mb		5.2	
MOX	82.65	S	18:03:35.852		322.3	10.19	TAS			m_e			
MOX	82.65	P	17:53:14.643	0.2	321.8	5.17	TAS	94.5	1.73	m_e mb		5.7	
MOX	82.65	L	18:30:28.053				T__	7598.8	19.50	a_e Ms		6.1	
PLN	82.99	S	18:03:38.595		322.3	10.19	TAS			m_e			
PLN	82.99	P	17:53:16.280	0.7	321.8	5.17	TAS	23.1	1.49	m_e mb		5.2	
RETH	80.14	P	17:53:02.014	-0.3	321.8	5.17	TAS	89.7	1.52	m_e mb		5.5	
RGN	80.19	S	18:03:11.827		322.3	10.19	TAS			m_e			
RJOB	85.43	S	18:04:03.969		322.3	10.19	TAS			m_e			
ROTZ	83.58	S	18:03:44.743		322.3	10.19	TAS			m_e			
ROTZ	83.58	P	17:53:19.558	0.3	321.8	5.17	TAS	18.4	1.53	m_e mb		5.1	
RUE	82.02	S	18:03:29.657		322.3	10.19	TAS			m_e			
STU	83.13	P	17:53:17.513		321.8	5.17	TAS	100.8	1.18	m_e mb		5.9	
TANN	83.17	S	18:03:39.943		322.3	10.19	TAS			m_e			
TANN	83.17	P	17:53:17.181	-0.1	321.8	5.17	TAS	74.2	1.53	m_e mb		5.7	
TNS	81.70	S	18:03:28.285		322.3	10.19	TAS			m_e			
TNS	81.70	P	17:53:09.817	-0.3	321.8	5.17	TAS	18.3	1.17	m_e mb		5.1	
UBBA	81.88	S	18:03:25.565		322.3	10.19	TAS			m_e			
UBBA	81.88	P	17:53:10.673	0.0	321.8	5.17	TAS	59.7	1.62	m_e mb		5.5	
WET	84.34	S	18:03:52.287		322.3	10.19	TAS			m_e			
WET	84.34	P	17:53:23.386		321.8	5.17	TAS	58.3	1.50	m_e mb		5.6	
WLF	81.15	S	18:03:20.742		322.3	10.19	TAS			m_e			
WLF	81.15	P	17:53:07.219	-0.3	321.8	5.17	TAS	65.5	1.23	m_e mb		5.5	

Event 624007 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/24	19:47:52.50		36.6970	141.1270				33.0				27		80.07	85.49	m i ke	BGR

624013

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	624013
Ms	6.0		BGR	624013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	81.55		P	20:00:05.037	0.2	38.3		5.17		TAS		60.6	1.06	m_e	mb	5.7
ASSE	81.55		S	20:10:19.855		38.1		9.14		TAS				m_e		
BFO	85.49		S	20:10:57.151		38.1		9.14		TAS				m_e		
BFO	85.49		P	20:00:25.076		38.3		5.17		TAS		131.3	0.98	m_e	mb	6.1
BRG	81.23		P	20:00:03.334	-0.1	38.3		5.17		TAS		52.3	0.88	m_e	mb	5.6
BRG	81.23		S	20:10:18.583		38.1		9.14		TAS				m_e		
BSEG	80.26		P	19:59:58.611	0.0	38.3		5.17		TAS		99.2	1.20	m_e	mb	5.6
BUG	83.37		S	20:10:39.788		38.1		9.14		TAS				m_e		
CLL	81.27		P	20:00:03.434	-0.1	38.3		5.17		TAS		130.9	0.88	m_e	mb	6.0
CLL	81.27		S	20:10:16.464		38.1		9.14		TAS				m_e		
CLZ	81.89		S	20:10:22.834		38.1		9.14		TAS				m_e		
CLZ	81.89		P	20:00:07.136	-0.3	38.3		5.17		TAS		128.5	1.05	m_e	mb	6.0
FLT1	81.17		P	20:00:02.646	0.3	38.3		5.17		TAS		94.3	0.83	m_e	mb	5.9
FLT1	81.17		S	20:10:21.562		38.1		9.14		TAS				m_e		
FUR	84.43		S	20:10:48.689		38.1		9.14		TAS				m_e		
FUR	84.43		P	20:00:20.090		38.3		5.17		TAS		139.3	0.86	m_e	mb	6.2
GEC2	82.88		S	20:10:33.854		38.1		9.14		TAS				m_e		
GEC2	82.88		P	20:00:11.897	0.1	38.3		5.17		TAS		42.4	0.96	m_e	mb	5.6
GOR1	80.63		P	20:00:00.641	-0.0	38.3		5.17		TAS		153.2	1.19	m_e	mb	5.9
GRA1	83.25		S	20:10:38.927		38.1		9.14		TAS				m_e		
GRA1	83.25		P	20:00:14.505	-0.2	38.3		5.17		TAS		278.0	1.21	m_e	mb	6.4
GRA1	83.25		L	20:41:15.655						T__		6892.0	19.10	a_e	Ms	6.0
GTTG	82.28		S	20:10:24.941		38.1		9.14		TAS				m_e		
GTTG	82.28		P	20:00:09.019	-0.1	38.3		5.17		TAS		79.3	0.94	m_e	mb	5.8
IBBN	82.49		S	20:10:30.463		38.1		9.14		TAS				m_e		
IBBN	82.49		P	20:00:09.929	-0.1	38.3		5.17		TAS		123.3	0.78	m_e	mb	6.1
KAST	83.14		S	20:10:38.516		38.1		9.14		TAS				m_e		
KAST	83.14		P	20:00:13.208	-0.5	38.3		5.17		TAS		100.9	1.51	m_e	mb	5.8
MOX	82.34		S	20:10:27.060		38.1		9.14		TAS				m_e		
MOX	82.34		P	20:00:09.119	0.0	38.3		5.17		TAS		111.7	1.45	m_e	mb	5.8
MOX	82.34		L	20:44:23.590						T__		5732.1	19.60	a_e	Ms	6.0
NEUB	81.85		S	20:10:21.138		38.1		9.14		TAS				m_e		
NEUB	81.85		P	20:00:06.537	-0.1	38.3		5.17		TAS		144.0	0.92	m_e	mb	6.1
PLN	82.25		S	20:10:27.907		38.1		9.14		TAS				m_e		
PLN	82.25		P	20:00:08.620	0.3	38.3		5.17		TAS		42.0	1.58	m_e	mb	5.3
RETH	81.56		P	20:00:05.140	0.0	38.3		5.17		TAS		127.7	1.17	m_e	mb	5.9
RJOB	84.12		S	20:10:44.012		38.1		9.14		TAS				m_e		
RJOB	84.12		P	20:00:18.623		38.3		5.17		TAS		67.5	0.97	m_e	mb	5.8
ROTZ	82.79		S	20:10:33.430		38.1		9.14		TAS				m_e		
ROTZ	82.79		P	20:00:11.825	0.2	38.3		5.17		TAS		40.9	1.37	m_e	mb	5.5
RUE	80.07		P	19:59:57.458	-0.5	38.3		5.17		TAS		195.1	1.22	m_e	mb	5.9
STU	84.79		S	20:10:49.112		38.1		9.14		TAS				m_e		

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	625008
Ms	4.5		BGR	625008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	23.43		P	10:08:50.158		104.3		9.18		TAS		20.3	0.95	m_e	mb	4.6
CLL	24.14		P	10:08:55.580	0.4	104.3		9.18		TAS		34.6	0.90	m_e	mb	4.9
CLZ	25.86		P	10:09:11.640	1.5	104.3		9.18		TAS		17.4	0.85	m_e	mb	4.7
FLT1	25.51		P	10:09:08.405	-0.5	104.3		9.18		TAS		47.2	1.21	m_e	mb	5.0
GEC2	22.96		P	10:08:45.874		104.3		9.18		TAS		131.8	1.88	m_e	mb	5.2
GRA1	24.75		P	10:09:03.775		104.3		9.18		TAS		130.4	1.08	m_e	mb	5.6
GRA1	24.75		L	10:14:14.104						T__		1692.6	21.00	a_e	Ms	4.5
KAST	26.86		P	10:09:21.147		104.3		9.18		TAS		26.4	1.39	m_e	mb	4.8
MOX	24.76		L	10:14:15.318						T__		1615.4	21.60	a_e	Ms	4.5
RETH	26.73		P	10:09:19.966	-0.3	104.3		9.18		TAS		139.1	1.92	m_e	mb	5.4
RJOB	23.30		P	10:08:48.803		104.3		9.18		TAS		50.1	0.87	m_e	mb	5.1
ROTZ	24.15		P	10:08:56.536		104.3		9.18		TAS		18.7	1.30	m_e	mb	4.5
TANN	24.18		P	10:08:55.983		104.3		9.18		TAS		26.8	1.31	m_e	mb	4.6
TNS	26.62		P	10:09:18.923		104.3		9.18		TAS		33.7	1.35	m_e	mb	4.9
WET	23.57		P	10:08:50.695		104.3		9.18		TAS		40.0	1.16	m_e	mb	4.8

Event 625003 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/25	20:29:52.44			36.2840	81.4770				33.0			12		49.35	53.33	m i ke	BGR
				625009													

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	625009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	49.35		P	20:38:37.187		77.0		7.51		TAS		9.1	1.06	m_e	mb	4.7
BUG	53.33		P	20:39:06.631	0.1	77.0		7.51		TAS		12.1	1.25	m_e	mb	4.7
CLL	49.85		P	20:38:41.258		77.0		7.51		TAS		9.2	1.24	m_e	mb	4.6
CLZ	51.36		P	20:38:52.835	0.3	77.0		7.51		TAS		9.4	1.08	m_e	mb	4.6
FLT1	50.74		P	20:38:47.405	-0.3	77.0		7.51		TAS		10.1	1.05	m_e	mb	4.7
GEC2	49.89		P	20:38:41.637		77.0		7.51		TAS		10.2	1.20	m_e	mb	4.6
GRA1	51.30		P	20:38:52.432		77.0		7.51		TAS		18.2	1.28	m_e	mb	4.8
GTTG	51.67		P	20:38:55.289	-0.1	77.0		7.51		TAS		16.3	1.13	m_e	mb	4.9
MOX	50.84		P	20:38:48.380		77.0		7.51		TAS		15.9	1.62	m_e	mb	4.7
ROTZ	50.66		P	20:38:47.388		77.0		7.51		TAS		1.9	1.15	m_e	mb	3.9
TANN	50.36		P	20:38:44.806		77.0		7.51		TAS		8.2	1.39	m_e	mb	4.5
WET	50.36		P	20:38:44.994		77.0		7.51		TAS		8.5	1.27	m_e	mb	4.5

Event 625004 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/25 21:05:15.64 34.4830 82.9560 33.0 25 51.28 56.57 m i ke BGR
 625010

Magnitude Err Nsta Author OrigID
 mb 5.8 BGR 625010
 Ms 6.6 BGR 625010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	53.22		S	21:22:00.040	-0.5	78.4		13.81		TAS				m_e	
ASSE	53.22		SS	21:25:35.102	-0.5	80.7		18.59		TAS				m_e	
BFO	55.54		S	21:22:31.610	-0.5	78.4		13.81		TAS				m_e	
BFO	55.54		P	21:14:46.029		77.8		7.36		TAS		78.6	1.12	m_e mb	5.6
BRG	51.43		S	21:21:34.152	-0.5	78.4		13.81		TAS				m_e	
BRG	51.43		P	21:14:15.789	-0.2	77.8		7.36		TAS		152.1	1.08	m_e mb	5.8
BSEG	53.11		S	21:21:58.078	-0.5	78.4		13.81		TAS				m_e	
BSEG	53.11		P	21:14:28.539	0.3	77.8		7.36		TAS		184.7	1.39	m_e mb	5.8
BUG	55.43		S	21:22:30.454	-0.5	78.4		13.81		TAS				m_e	
BUG	55.43		SS	21:26:12.670	-0.5	80.7		18.59		TAS				m_e	
BUG	55.43		P	21:14:45.203	-0.3	77.8		7.36		TAS		156.1	1.28	m_e mb	5.9
CLL	51.94		S	21:21:41.605	-0.5	78.4		13.81		TAS				m_e	
CLL	51.94		SS	21:25:06.048	-0.5	80.7		18.59		TAS				m_e	
CLL	51.94		P	21:14:19.056	-0.3	77.8		7.36		TAS		162.0	1.38	m_e mb	5.8
CLZ	53.46		S	21:22:03.570	-0.5	78.4		13.81		TAS				m_e	
CLZ	53.46		P	21:14:30.935	-0.3	77.8		7.36		TAS		157.5	1.16	m_e mb	5.8
FLT1	52.84		S	21:21:52.566	-0.5	78.4		13.81		TAS				m_e	
FLT1	52.84		SS	21:25:26.583	-0.5	80.7		18.59		TAS				m_e	
FLT1	52.84		P	21:14:25.708	-0.2	77.8		7.36		TAS		153.1	1.07	m_e mb	5.9
FUR	53.67		S	21:22:07.100	-0.5	78.4		13.81		TAS				m_e	
FUR	53.67		P	21:14:33.114		77.8		7.36		TAS		310.9	1.11	m_e mb	6.2
GEC2	51.95		S	21:21:42.368	-0.5	78.4		13.81		TAS				m_e	
GEC2	51.95		P	21:14:20.249		77.8		7.36		TAS		147.9	1.09	m_e mb	5.8
GOR1	52.69		P	21:14:25.153	0.1	77.8		7.36		TAS		288.9	1.30	m_e mb	6.0
GRA1	53.37		S	21:22:03.962	-0.5	78.4		13.81		TAS				m_e	
GRA1	53.37		SS	21:25:37.544	-0.5	80.7		18.59		TAS				m_e	
GRA1	53.37		P	21:14:31.045	0.6	77.8		7.36		TAS		357.5	1.29	m_e mb	6.1
GRA1	53.37		L	21:38:39.525						T__		62863.4	20.90	a_e Ms	6.7
GTTG	53.77		S	21:22:06.708	-0.5	78.4		13.81		TAS				m_e	
GTTG	53.77		P	21:14:33.393	-0.4	77.8		7.36		TAS		218.5	1.17	m_e mb	6.1
HLG	54.48		S	21:22:17.511	-0.5	78.4		13.81		TAS				m_e	
IBBN	54.94		S	21:22:21.825	-0.5	78.4		13.81		TAS				m_e	
IBBN	54.94		P	21:14:41.609	0.2	77.8		7.36		TAS		178.6	1.33	m_e mb	5.9
KAST	54.79		S	21:22:21.433	-0.5	78.4		13.81		TAS				m_e	
KAST	54.79		P	21:14:40.350	-0.1	77.8		7.36		TAS		176.1	2.00	m_e mb	5.7
MOX	52.93		S	21:21:54.548	-0.5	78.4		13.81		TAS				m_e	

MOX	52.93	SS	21:25:29.500	-0.5	80.7	18.59	TAS											m_e	
MOX	52.93	P	21:14:27.030	0.3	77.8	7.36	TAS	75.7	1.00	m_e	mb								5.6
MOX	52.93	L	21:38:12.231				T__	48458.3	21.20	a_e	Ms								6.5
NEUB	52.72	S	21:21:52.195	-0.5	78.4	13.81	TAS												
NEUB	52.72	SS	21:25:19.311	-0.5	80.7	18.59	TAS												
NEUB	52.72	P	21:14:25.204	-0.3	77.8	7.36	TAS	126.1	0.86	m_e	mb								5.9
PLN	52.62	S	21:21:52.587	-0.5	78.4	13.81	TAS												
PLN	52.62	P	21:14:24.609	0.1	77.8	7.36	TAS	43.9	1.35	m_e	mb								5.2
RETH	53.89	P	21:14:34.063	-0.5	77.8	7.36	TAS	304.6	1.79	m_e	mb								6.0
RGN	51.28	S	21:21:33.760	-0.5	78.4	13.81	TAS												
RJOB	52.77	S	21:21:53.764	-0.5	78.4	13.81	TAS												
RJOB	52.77	P	21:14:25.847		77.8	7.36	TAS	38.0	0.89	m_e	mb								5.3
ROTZ	52.73	S	21:21:53.742	-0.5	78.4	13.81	TAS												
ROTZ	52.73	P	21:14:26.034	0.3	77.8	7.36	TAS	45.9	1.27	m_e	mb								5.3
RUE	51.28	S	21:21:31.407	-0.5	78.4	13.81	TAS												
RUE	51.28	SS	21:25:08.610	-0.5	80.7	18.59	TAS												
STU	54.87	S	21:22:23.002	-0.5	78.4	13.81	TAS												
STU	54.87	SS	21:26:07.833	-0.5	80.7	18.59	TAS												
TANN	52.44	S	21:21:49.057	-0.5	78.4	13.81	TAS												
TANN	52.44	P	21:14:23.421	0.6	77.8	7.36	TAS	84.9	1.12	m_e	mb								5.6
TNS	54.99	S	21:22:24.963	-0.5	78.4	13.81	TAS												
TNS	54.99	P	21:14:42.153	0.2	77.8	7.36	TAS	126.3	1.40	m_e	mb								5.8
UBBA	53.89	S	21:22:08.862	-0.5	78.4	13.81	TAS												
UBBA	53.89	SS	21:25:48.466	-0.5	80.7	18.59	TAS												
UBBA	53.89	P	21:14:33.944	-0.2	77.8	7.36	TAS	172.1	1.47	m_e	mb								5.9
WET	52.42	S	21:21:49.428	-0.5	78.4	13.81	TAS												
WET	52.42	SS	21:25:14.587	-0.5	80.7	18.59	TAS												
WET	52.42	P	21:14:23.638	0.0	77.8	7.36	TAS	101.7	1.13	m_e	mb								5.7
WLF	56.57	S	21:22:45.359	-0.5	78.4	13.81	TAS												
WLF	56.57	SS	21:26:38.097	-0.5	80.7	18.59	TAS												
WLF	56.57	P	21:14:54.025	-0.3	77.8	7.36	TAS	118.3	0.84	m_e	mb								6.0

Event 626001 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/06/26 01:30:58.48 35.8800 82.8600 10.0 11 50.47 55.61 m i ke BGR
 626007

Magnitude Err Nsta Author OrigID
 mb 4.3 BGR 626007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	50.47		P	01:39:56.237	-0.4	77.6		7.34		TAS		4.0	0.83	m_e	mb	4.4
BSEG	52.08		P	01:40:08.981		77.6		7.34		TAS		3.6	0.83	m_e	mb	4.3
CLL	50.97		P	01:40:00.247		77.6		7.34		TAS				m_e		
CLZ	52.47		P	01:40:11.838		77.6		7.34		TAS		4.3	0.90	m_e	mb	4.4

FLT1	51.84	P	01:40:06.246	77.6	7.34	TAS	4.4	0.87	m_e	mb	4.4
FUR	52.76	P	01:40:14.857	77.6	7.34	TAS	7.2	0.71	m_e	mb	4.7
GEC2	51.03	P	01:40:00.552	-0.4	77.6	TAS	3.1	0.88	m_e	mb	4.2
GRA1	52.42	P	01:40:11.182	77.6	7.34	TAS	4.1	0.91	m_e	mb	4.3
GTTG	52.78	P	01:40:14.254	77.6	7.34	TAS	7.2	0.90	m_e	mb	4.6
MOX	51.96	P	01:40:07.563	77.6	7.34	TAS	2.0	0.80	m_e	mb	4.1
NEUB	51.75	P	01:40:05.385	77.6	7.34	TAS	6.1	0.78	m_e	mb	4.6
ROTZ	51.78	P	01:40:06.777	0.3	77.6	TAS	1.1	1.05	m_e	mb	3.7
TANN	51.48	P	01:40:03.924	0.7	77.6	TAS	2.1	0.85	m_e	mb	4.1
UBBA	52.92	P	01:40:14.771	77.6	7.34	TAS	1.5	0.66	m_e	mb	4.0
WET	51.49	P	01:40:03.840	-0.3	77.6	TAS	3.6	1.09	m_e	mb	4.2
WLF	55.61	P	01:40:33.873	77.6	7.34	TAS	6.1	0.86	m_e	mb	4.7

Event 626002 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/26	07:21:01.96			38.4900	28.7900				10.0			25		15.02	21.20	m i ke	BGR
	626008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	626008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	18.59	P		07:25:21.431	0.9	124.9		12.61		TAS		100.5	1.68	m_e	mb	4.8
BFO	17.78	P		07:25:11.790	-0.1	124.9		12.61		TAS		69.1	1.04	m_e	mb	4.7
BRG	16.23	P		07:24:50.805	-1.8	124.9		12.61		TAS		85.9	1.18	m_e	mb	4.8
BSEG	19.96	P		07:25:37.185		124.9		12.61		TAS		41.1	0.89	m_e	mb	4.7
BUG	19.89	P		07:25:36.977		124.9		12.61		TAS		140.9	1.49	m_e	mb	5.0
CLL	16.96	P		07:25:00.993	-0.6	124.9		12.61		TAS		120.4	1.11	m_e	mb	4.9
CLZ	18.55	P		07:25:20.379	-0.6	124.9		12.61		TAS		39.8	1.00	m_e	mb	4.6
FLT1	18.46	P		07:25:18.743	0.8	124.9		12.61		TAS		152.7	1.67	m_e	mb	4.9
GEC2	15.02	P		07:24:34.980	-1.6	124.9		12.61		TAS		88.6	1.20	m_e		
GOR1	18.88	P		07:25:25.409	0.0	124.9		12.61		TAS		244.8	1.85	m_e		
GRA1	16.83	P		07:25:00.583	1.3	124.9		12.61		TAS		85.0	1.19	m_e		
GTTG	18.57	P		07:25:21.758	2.6	124.9		12.61		TAS		93.0	1.13	m_e		
HLG	21.20	P		07:25:48.130		124.9		12.61		TAS		264.9	0.88	m_e		
IBBN	20.12	P		07:25:39.793		124.9		12.61		TAS		88.2	1.05	m_e		
KAST	19.16	P		07:25:29.836	-1.2	124.9		12.61		TAS		34.4	1.10	m_e		
MOX	17.19	P		07:25:03.158	0.9	124.9		12.61		TAS		111.0	1.18	m_e		
NEUB	17.47	P		07:25:07.629	3.0	124.9		12.61		TAS		118.3	1.18	m_e		
PLN	16.82	P		07:24:57.721	1.1	124.9		12.61		TAS		25.4	1.15	m_e		
RETH	19.60	P		07:25:33.681	-1.0	124.9		12.61		TAS		133.7	1.47	m_e		
ROTZ	16.35	P		07:24:51.611	-1.4	124.9		12.61		TAS		7.9	0.92	m_e		
TANN	16.63	P		07:24:55.163	-1.3	124.9		12.61		TAS		52.5	1.12	m_e		
TNS	18.62	P		07:25:21.369	0.4	124.9		12.61		TAS		64.8	1.07	m_e		
UBBA	18.12	P		07:25:18.709	0.7	124.9		12.61		TAS		85.4	1.72	m_e		

WET	15.63	P	07:24:42.731	-1.6	124.9	12.61	TAS	65.5	0.91	m_e
WLF	19.65	P	07:25:34.133	-4.5	124.9	12.61	TAS	114.0	1.09	m_e

Event 626004 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/26	11:55:01.02			19.0700	120.1900				31.3	5.3		13		84.64	90.20	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	626010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	85.20		P	12:07:33.812	-0.3	63.5		4.83		TAS		10.2	0.81	m_e mb	5.1
BSEG	85.88		P	12:07:37.059	0.3	63.5		4.83		TAS		8.4	0.92	m_e mb	4.9
CLL	85.56		P	12:07:35.027	0.2	63.5		4.83		TAS		7.3	0.79	m_e mb	4.9
CLZ	86.80		P	12:07:41.081		63.5		4.83		TAS		4.8	0.76	m_e mb	4.7
GEC2	86.19		P	12:07:38.534	-0.1	63.5		4.83		TAS		4.9	0.74	m_e mb	4.7
KAST	88.18		P	12:07:47.874		63.5		4.83		TAS		2.7	0.77	m_e mb	4.6
MOX	86.64		P	12:07:40.273		63.5		4.83		TAS		3.1	0.80	m_e mb	4.5
RJOB	87.21		P	12:07:43.228		63.5		4.83		TAS		4.8	0.73	m_e mb	4.7
RJOB	87.21		pP	12:07:53.904						T__				m_e	
ROTZ	86.68		P	12:07:40.680		63.5		4.83		TAS		1.4	0.83	m_e mb	4.1
ROTZ	86.68		pP	12:07:48.726						T__				m_e	
RUE	84.64		P	12:07:31.062	0.2	63.5		4.83		TAS		30.2	0.76	m_e mb	5.6
TNS	88.63		P	12:07:50.247		63.5		4.83		TAS		5.3	0.87	m_e mb	4.8
WET	86.55		P	12:07:40.457	0.2	63.5		4.83		TAS				m_e	
WLF	90.20		P	12:07:57.927		63.5		4.83		TAS		14.2	0.81	m_e mb	5.2
WLF	90.20		pP	12:08:06.606						T__				m_e	

Event 628002 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/28	17:43:29.00			36.6400	28.2500				64.0			29		15.91	21.31	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	628008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.86		P	17:47:53.893	-0.5	130.2		11.03		TAS		573.7	1.34	m_e mb	5.6
BFO	18.71		P	17:47:41.847	2.3	130.2		11.03		TAS		150.8	0.69	m_e mb	5.3
BRG	17.54		P	17:47:28.727	0.3	130.2		11.03		TAS		488.2	1.52	m_e mb	5.4

BSEG	21.30	P	17:48:08.435	-1.0	130.2	11.03	TAS	96.5	1.04	m_e	mb	5.1
BUG	21.02	P	17:48:05.917	-1.3	130.2	11.03	TAS	209.2	1.15	m_e	mb	5.4
CLL	18.26	P	17:47:37.060	0.6	130.2	11.03	TAS	143.2	0.79	m_e	mb	5.2
CLZ	19.79	P	17:47:53.291	-0.5	130.2	11.03	TAS	383.5	1.09	m_e	mb	5.5
FLT1	19.75	P	17:47:52.406	-0.6	130.2	11.03	TAS	371.5	1.21	m_e	mb	5.5
FUR	16.98	P	17:47:21.979	0.0	130.2	11.03	TAS	498.0	0.99	m_e	mb	5.6
GEC2	16.18	P	17:47:12.509	-1.6	130.2	11.03	TAS	515.4	1.09	m_e	mb	5.6
GOR1	20.21	P	17:47:57.474	-0.1	130.2	11.03	TAS	790.2	1.47	m_e	mb	5.7
GRA1	17.96	P	17:47:33.905	0.3	130.2	11.03	TAS	510.5	1.23	m_e	mb	5.5
GTTG	19.78	P	17:47:53.642	-0.1	130.2	11.03	TAS	783.6	1.00	m_e	mb	5.9
IBBN	21.31	P	17:48:09.288	-1.4	130.2	11.03	TAS	350.5	1.00	m_e	mb	5.6
KAST	20.30	P	17:47:58.643	-0.8	130.2	11.03	TAS	372.2	1.55	m_e	mb	5.4
MOX	18.40	P	17:47:39.327	0.7	130.2	11.03	TAS	698.0	1.11	m_e	mb	5.7
NEUB	18.71	P	17:47:42.478	0.6	130.2	11.03	TAS	597.4	1.09	m_e	mb	5.7
PLN	18.04	P	17:47:35.347	0.8	130.2	11.03	TAS	146.9	0.94	m_e	mb	5.1
RETH	20.86	P	17:48:04.558	-0.9	130.2	11.03	TAS	465.8	1.34	m_e	mb	5.6
RGN	20.65	P	17:48:01.903	2.2	130.2	11.03	TAS	851.7	1.43	m_e	mb	5.9
RJOB	15.91	P	17:47:08.528	-2.0	130.2	11.03	TAS	206.5	1.50	m_e	mb	5.0
ROTZ	17.53	P	17:47:28.783	-0.1	130.2	11.03	TAS	60.0	0.92	m_e	mb	4.7
RUE	18.84	P	17:47:43.058	1.5	130.2	11.03	TAS	374.6	1.17	m_e	mb	5.5
STU	18.46	P	17:47:39.073	1.2	130.2	11.03	TAS	765.9	0.73	m_e	mb	5.9
TANN	17.85	P	17:47:32.711	0.2	130.2	11.03	TAS	557.1	1.06	m_e	mb	5.6
TNS	19.69	P	17:47:52.308	-0.0	130.2	11.03	TAS	254.0	1.11	m_e	mb	5.4
UBBA	19.28	P	17:47:47.387	-0.9	130.2	11.03	TAS	499.0	1.66	m_e	mb	5.5
WET	16.78	P	17:47:20.083	-0.6	130.2	11.03	TAS	578.3	1.17	m_e	mb	5.6
WLF	20.62	P	17:48:03.053	1.9	130.2	11.03	TAS	67.1	0.78	m_e	mb	5.0

Event 629001 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/29	04:06:24.30			36.6800	28.2100				75.0			12		15.86	21.26	m i ke	EMSC
	629033																

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	629007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	19.80		P	04:10:49.440	-0.2	130.2		10.93		TAS		17.4	1.02	m_e	mb	4.2
BFO	18.66		P	04:10:39.108		130.2		10.93		TAS		16.9	0.73	m_e	mb	4.4
BRG	17.49		P	04:10:26.371		130.2		10.93		TAS		13.6	1.00	m_e	mb	4.0
CLL	18.21		P	04:10:33.040		130.2		10.93		TAS		17.7	0.73	m_e	mb	4.3
CLZ	19.74		P	04:10:49.024	-0.9	130.2		10.93		TAS		27.6	0.98	m_e	mb	4.5
FLT1	19.70		P	04:10:48.243	1.0	130.2		10.93		TAS		16.9	1.00	m_e	mb	4.2
FUR	16.93		P	04:10:20.175		130.2		10.93		TAS		43.3	0.82	m_e	mb	4.6
GEC2	16.13		P	04:10:09.615		130.2		10.93		TAS		18.6	0.87	m_e	mb	4.2
GRA1	17.91		P	04:10:29.911		130.2		10.93		TAS		21.7	0.72	m_e	mb	4.4

GTTG	19.73	P	04:10:49.367	-1.0	130.2	10.93	TAS	59.3	0.85	m_e	mb	4.8
IBBN	21.26	P	04:11:05.072		130.2	10.93	TAS	35.5	0.90	m_e	mb	4.7
KAST	20.25	P	04:10:54.642		130.2	10.93	TAS	23.0	1.33	m_e	mb	4.2
MOX	18.35	P	04:10:35.266		130.2	10.93	TAS	42.2	0.80	m_e	mb	4.6
NEUB	18.66	P	04:10:38.058		130.2	10.93	TAS	42.4	0.97	m_e	mb	4.6
PLN	17.99	P	04:10:30.451		130.2	10.93	TAS	12.6	0.82	m_e	mb	4.1
RJOB	15.86	P	04:10:07.578		130.2	10.93	TAS	6.7	0.49	m_e	mb	4.0
ROTZ	17.47	P	04:10:25.121		130.2	10.93	TAS	6.0	0.81	m_e	mb	3.8
STU	18.41	P	04:10:35.595		130.2	10.93	TAS	89.0	0.74	m_e	mb	5.0
TANN	17.80	P	04:10:29.540		130.2	10.93	TAS	39.0	0.78	m_e	mb	4.6
TNS	19.64	P	04:10:48.396		130.2	10.93	TAS	22.8	1.10	m_e	mb	4.3
UBBA	19.23	P	04:10:43.371		130.2	10.93	TAS	32.1	1.64	m_e	mb	4.3
WET	16.73	P	04:10:16.355		130.2	10.93	TAS	27.2	0.74	m_e	mb	4.5

Event 629003 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/29	09:52:42.73			31.1330	142.0410				33.0			19		85.56	90.70	m i ke	BGR
	629009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	629009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	86.81	P		10:05:22.077	0.8	40.4		4.74		TAS		4.9	0.85	m_e	mb	4.7
BFO	90.70	P		10:05:40.127		40.4		4.74		TAS		5.0	0.84	m_e	mb	4.9
BRG	86.40	P		10:05:19.485	-0.4	40.4		4.74		TAS		9.4	0.90	m_e	mb	4.9
BSEG	85.56	P		10:05:14.806	-0.3	40.4		4.74		TAS		16.4	1.09	m_e	mb	5.1
CLL	86.48	P		10:05:19.902	0.4	40.4		4.74		TAS		16.8	0.93	m_e	mb	5.2
CLZ	87.15	P		10:05:22.897	0.2	40.4		4.74		TAS		24.4	1.06	m_e	mb	5.3
FLT1	86.43	P		10:05:19.204	-0.1	40.4		4.74		TAS		9.0	0.86	m_e	mb	4.9
GEC2	88.00	P		10:05:26.385	-0.0	40.4		4.74		TAS		7.9	0.87	m_e	mb	5.1
GRA1	88.44	P		10:05:30.566		40.4		4.74		TAS		27.7	0.98	m_e	mb	5.5
GTTG	87.54	P		10:05:25.952	0.4	40.4		4.74		TAS		13.5	0.86	m_e	mb	5.3
IBBN	87.80	P		10:05:26.828	0.2	40.4		4.74		TAS		12.2	0.76	m_e	mb	5.3
KAST	88.41	P		10:05:29.634		40.4		4.74		TAS		12.7	0.91	m_e	mb	5.2
MOX	87.55	P		10:05:25.586	1.1	40.4		4.74		TAS		15.1	1.14	m_e	mb	5.2
NEUB	87.07	P		10:05:22.842	0.5	40.4		4.74		TAS		28.0	1.03	m_e	mb	5.3
ROTZ	87.97	P		10:05:27.427	-2.0	40.4		4.74		TAS		5.5	1.10	m_e	mb	4.8
STU	90.00	P		10:05:34.857		40.4		4.74		TAS		18.8	0.75	m_e	mb	5.4
TANN	87.37	P		10:05:24.737	-1.0	40.4		4.74		TAS		5.6	0.91	m_e	mb	4.7
TNS	89.17	P		10:05:33.038		40.4		4.74		TAS		7.4	0.89	m_e	mb	4.9
WET	88.14	P		10:05:29.049		40.4		4.74		TAS		4.8	0.93	m_e	mb	4.8

Event 630005 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/06/30	22:10:08.05			-19.8950	170.6590				104.6	1.8		20		143.88	148.24	m i ke	BGR
	630011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.24		PKPbc	22:29:40.597		36.2		3.23		TAS					m_e
BFO	148.24		pPKPbc	22:30:08.729						T__					m_e
BUG	145.92		PKPbc	22:29:34.069		36.2		3.23		TAS					m_e
CLL	144.06		PKPbc	22:29:26.590	-0.2	36.2		3.23		TAS					m_e
CLZ	144.58		PKPbc	22:29:29.833	-0.2	36.2		3.23		TAS					m_e
FLT1	143.88		PKPbc	22:29:27.048	0.2	36.2		3.23		TAS					m_e
FUR	147.24		PKPbc	22:29:38.151		36.2		3.23		TAS					m_e
FUR	147.24		pPKPbc	22:30:06.580						T__					m_e
GEC2	145.69		PKPbc	22:29:32.941	-0.7	36.2		3.23		TAS					m_e
GRA1	146.04		PKPbc	22:29:34.741		36.2		3.23		TAS					m_e
GRA1	146.04		pPKPbc	22:30:03.044						T__					m_e
GTTG	144.97		PKPbc	22:29:31.278	0.1	36.2		3.23		TAS					m_e
IBBN	145.01		PKPbc	22:29:31.255	-0.1	36.2		3.23		TAS					m_e
KAST	145.77		PKPbc	22:29:33.249		36.2		3.23		TAS					m_e
MOX	145.12		PKPbc	22:29:30.998	0.1	36.2		3.23		TAS					m_e
PLN	145.04		PKPbc	22:29:31.167	0.1	36.2		3.23		TAS					m_e
ROTZ	145.60		PKPbc	22:29:33.127	-0.1	36.2		3.23		TAS					m_e
ROTZ	145.60		pPKPbc	22:30:00.890						T__					m_e
STU	147.56		PKPbc	22:29:39.180		36.2		3.23		TAS					m_e
TANN	144.98		PKPbc	22:29:30.964	0.6	36.2		3.23		TAS					m_e
TANN	144.98		pPKPbc	22:29:58.960						T__					m_e
TNS	146.60		PKPbc	22:29:36.241		36.2		3.23		TAS					m_e
TNS	146.60		pPKPbc	22:30:04.735						T__					m_e
UBBA	145.56		PKPbc	22:29:32.912	0.1	36.2		3.23		TAS					m_e
WET	145.81		PKPbc	22:29:33.622		36.2		3.23		TAS					m_e
WLF	147.82		PKPbc	22:29:40.181		36.2		3.23		TAS					m_e
WLF	147.82		pPKPbc	22:30:08.439						T__					m_e