

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

(produced by SZO/BGR - HANNOVER)

January 2020

UPDATED 18.November 2021

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

Event 101002 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/01	03:53:34.29			53.5000	157.8550				33.0			17		70.21	75.31	m i ke	BGR
OrigID 101008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	101008
Ms	4.3		BGR	101008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	75.31		P	04:05:11.722		20.0		5.92		TAS		6.6	0.78	m_e mb	4.7
BUG	72.56		P	04:04:55.863	-0.0	20.0		5.92		TAS		19.0	0.95	m_e mb	5.2
CLL	71.48		P	04:04:49.285	0.1	20.0		5.92		TAS		15.1	0.95	m_e mb	5.1
CLZ	71.55		P	04:04:50.558	0.1	20.0		5.92		TAS		17.1	1.00	m_e mb	5.1
FLT1	70.91		P	04:04:45.785	-0.1	20.0		5.92		TAS		11.4	0.92	m_e mb	5.0
GEC2	73.61		P	04:05:02.228		20.0		5.92		TAS		4.7	0.71	m_e mb	4.6
GRA1	73.39		P	04:05:01.401		20.0		5.92		TAS		14.0	0.76	m_e mb	5.2
GRA1	73.39		L	04:43:12.816						T__		174.5	18.20	a_e Ms	4.4
GTTG	71.92		P	04:04:52.415	-0.0	20.0		5.92		TAS		23.8	1.40	m_e mb	5.1
IBBN	71.64		P	04:04:50.612	0.2	20.0		5.92		TAS		41.0	1.22	m_e mb	5.4
KAST	72.56		P	04:04:56.128	-0.1	20.0		5.92		TAS		26.3	1.39	m_e mb	5.2
MANZ	72.92		P	04:04:58.090		20.0		5.92		TAS		2.3	1.02	m_e mb	4.3
MOX	72.41		P	04:04:55.173	-0.0	20.0		5.92		TAS		6.5	0.80	m_e mb	4.8
MOX	72.41		L	04:43:30.170						T__		160.3	18.40	a_e Ms	4.3
PLN	72.44		P	04:04:55.332	-0.6	20.0		5.92		TAS		2.0	0.91	m_e mb	4.2
ROTZ	73.10		P	04:04:59.576		20.0		5.92		TAS		1.8	0.86	m_e mb	4.2
RUE	70.21		P	04:04:42.125	0.5	20.0		5.92		TAS		17.8	0.78	m_e mb	5.3
TNS	73.48		P	04:05:01.591		20.0		5.92		TAS		9.1	0.66	m_e mb	5.0
WET	73.53		P	04:05:02.069		20.0		5.92		TAS		9.7	0.86	m_e mb	4.8

Event 101003 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/01	08:31:36.49			-16.5850	-171.6890				33.0			24		144.36	148.96	m i ke	BGR
OrigID 101009																	

Magnitude	Err	Nsta	Author	OrigID
Ms 5.3			BGR	101009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.49		PKPbc	08:51:06.775	0.1	5.1		2.94		TAS				m_e	
BFO	148.34		PKPbc	08:51:18.415	-0.2	5.1		2.94		TAS				m_e	
BRG	145.50		PKPbc	08:51:10.225	-0.0	5.1		2.94		TAS				m_e	
BUG	145.22		PKPbc	08:51:09.340	-0.7	5.1		2.94		TAS				m_e	
CLL	145.16		PKPbc	08:51:08.522	0.1	5.1		2.94		TAS				m_e	
CLZ	144.79		PKPbc	08:51:08.190	0.1	5.1		2.94		TAS				m_e	
FUR	148.41		PKPbc	08:51:18.595	-0.8	5.1		2.94		TAS				m_e	
GEC2	147.53		PKPbc	08:51:16.134	-0.0	5.1		2.94		TAS				m_e	
GRA1	146.89		PKPbc	08:51:14.751	0.1	5.1		2.94		TAS				m_e	
GRA1	146.89		L	10:03:35.976						T__		506.0	18.90	a_e Ms	5.3
GTTG	145.10		PKPbc	08:51:09.097	-0.3	5.1		2.94		TAS				m_e	
IBBN	144.36		PKPbc	08:51:06.664	-0.4	5.1		2.94		TAS				m_e	
KAST	145.47		PKPbc	08:51:10.336	0.1	5.1		2.94		TAS				m_e	
MANZ	146.54		PKPbc	08:51:13.645	0.3	5.1		2.94		TAS				m_e	
MOX	145.92		PKPbc	08:51:11.552	0.2	5.1		2.94		TAS				m_e	
MOX	145.92		L	10:06:03.607						T__		522.9	18.10	a_e Ms	5.3
NEUB	145.36		PKPbc	08:51:09.849	-0.1	5.1		2.94		TAS				m_e	
PLN	146.04		PKPbc	08:51:12.016	0.3	5.1		2.94		TAS				m_e	
ROTZ	146.75		PKPbc	08:51:14.220	0.5	5.1		2.94		TAS				m_e	
STU	147.89		PKPbc	08:51:17.248	-0.2	5.1		2.94		TAS				m_e	
TANN	146.09		PKPbc	08:51:12.230	0.3	5.1		2.94		TAS				m_e	
TNS	146.45		PKPbc	08:51:13.431	0.4	5.1		2.94		TAS				m_e	
UBBA	145.82		PKPbc	08:51:11.132	0.1	5.1		2.94		TAS				m_e	
UBR	148.96		PKPbc	08:51:19.587		5.1		2.94		TAS				m_e	
WET	147.31		PKPbc	08:51:15.658	-0.1	5.1		2.94		TAS				m_e	
WLF	146.96		PKPbc	08:51:15.414	0.5	5.1		2.94		TAS				m_e	

Event 101004 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/01	15:05:56.65			50.8690	-179.2360				33.0			20		77.03	81.50	m i ke	BGR
OrigID 101010																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 101010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	77.04		P	15:17:44.274	-0.4	6.7		5.47		TAS		30.6	1.53	m_e mb	5.2
BFO	80.97		P	15:18:05.607		6.7		5.47		TAS		8.5	0.98	m_e mb	4.7
BRG	78.02		P	15:17:49.503	-0.1	6.7		5.47		TAS		9.8	1.17	m_e mb	4.8
BUG	77.92		P	15:17:48.787	-0.3	6.7		5.47		TAS		9.9	0.77	m_e mb	5.0
CLZ	77.34		P	15:17:46.365	-0.1	6.7		5.47		TAS		16.9	0.97	m_e mb	5.1
GEC2	80.05		P	15:18:00.942		6.7		5.47		TAS		6.4	1.04	m_e mb	4.5
GRA1	79.42		P	15:17:57.924		6.7		5.47		TAS		31.8	1.29	m_e mb	5.2
GTTG	77.66		P	15:17:48.072	-0.0	6.7		5.47		TAS		14.3	1.04	m_e mb	5.0
IBBN	77.03		P	15:17:44.439	0.2	6.7		5.47		TAS		21.6	0.84	m_e mb	5.3
KAST	78.10		P	15:17:50.163	-0.1	6.7		5.47		TAS		5.6	0.94	m_e mb	4.7
MOX	78.44		P	15:17:52.035	0.2	6.7		5.47		TAS		9.3	1.06	m_e mb	4.8
NEUB	77.89		P	15:17:49.062	-0.1	6.7		5.47		TAS		22.2	1.08	m_e mb	5.2
PLN	78.56		P	15:17:52.695	0.3	6.7		5.47		TAS		1.8	1.03	m_e mb	4.0
ROTZ	79.27		P	15:17:56.823	-0.3	6.7		5.47		TAS		2.6	1.19	m_e mb	4.1
TANN	78.60		P	15:17:52.970	0.4	6.7		5.47		TAS		9.3	1.22	m_e mb	4.7
TNS	79.07		P	15:17:55.723	0.2	6.7		5.47		TAS		9.6	0.68	m_e mb	5.0
UBBA	78.39		P	15:17:51.649	0.2	6.7		5.47		TAS		3.5	0.73	m_e mb	4.6
UBR	81.50		P	15:18:08.642		6.7		5.47		TAS		15.7	1.36	m_e mb	5.0
WET	79.83		P	15:17:59.961		6.7		5.47		TAS		7.4	1.14	m_e mb	4.5
WLF	79.74		P	15:17:59.465	-0.2	6.7		5.47		TAS		11.7	0.86	m_e mb	4.8

Event 101005 Near Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/01	18:10:23.18			54.3450	171.1090				33.0			15		73.14	77.09	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 101011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	76.67		P	18:22:08.547		12.0		5.80		TAS		23.8	1.50	m_e mb	5.1
BRG	73.42		P	18:21:49.846	0.3	12.0		5.80		TAS		25.7	1.45	m_e mb	5.2
BUG	73.72		P	18:21:51.708	-0.1	12.0		5.80		TAS		22.9	1.51	m_e mb	5.0
CLL	73.14		P	18:21:47.984	0.3	12.0		5.80		TAS		25.0	1.39	m_e mb	5.2
GEC2	75.43		P	18:22:01.777		12.0		5.80		TAS		25.4	1.35	m_e mb	5.1
GRA1	74.97		P	18:21:59.408		12.0		5.80		TAS		33.4	1.34	m_e mb	5.2
KAST	73.83		P	18:21:52.723	0.3	12.0		5.80		TAS		22.1	1.38	m_e mb	5.0
MANZ	74.56		P	18:21:56.616		12.0		5.80		TAS		7.3	1.58	m_e mb	4.5
MOX	73.98		P	18:21:53.231	-0.4	12.0		5.80		TAS		34.7	1.53	m_e mb	5.2
PLN	74.06		P	18:21:53.908	-0.2	12.0		5.80		TAS		8.4	1.39	m_e mb	4.6
ROTZ	74.76		P	18:21:58.139		12.0		5.80		TAS		4.5	1.27	m_e mb	4.3

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TANN	74.09	P	18:21:53.992	12.0	5.80	TAS	19.4	1.34	m_e	mb	5.0
TNS	74.79	P	18:21:58.054	12.0	5.80	TAS	15.4	1.25	m_e	mb	4.9
UBR	77.09	P	18:22:11.170	12.0	5.80	TAS	23.6	1.33	m_e	mb	5.2
WET	75.27	P	18:22:01.099	12.0	5.80	TAS	18.9	1.17	m_e	mb	5.0

Event 101006 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/01	20:32:23.73			-17.9440	-170.8260				33.0			9		145.65	149.69	m i ke	BGR
OrigID 101012																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	101012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	149.69		PKPbc	20:52:09.903		3.7		2.76		TAS				m_e		
BRG	146.93		PKPbc	20:52:02.541		3.7		2.76		TAS				m_e		
BUG	146.54		PKPbc	20:52:01.754	-0.3	3.7		2.76		TAS				m_e		
CLL	146.57		PKPbc	20:52:01.434		3.7		2.76		TAS				m_e		
FLT1	145.65		PKPbc	20:51:58.690	0.2	3.7		2.76		TAS				m_e		
GRA1	148.29		L	21:08:31.663						T__		667.1	18.50	a_e	Ms	5.5
MANZ	147.95		PKPbc	20:52:05.451		3.7		2.76		TAS				m_e		
MOX	147.32		L	21:03:29.832						T__		385.6	21.10	a_e	Ms	5.2
PLN	147.45		PKPbc	20:52:04.102		3.7		2.76		TAS				m_e		
ROTZ	148.16		PKPbc	20:52:05.998		3.7		2.76		TAS				m_e		
TNS	147.79		PKPbc	20:52:05.284		3.7		2.76		TAS				m_e		

Event 102001 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/02	04:29:14.66			33.2650	58.8630				33.0			28		36.86	41.86	m i ke	BGR
OrigID 102007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	102007
Ms	4.8		BGR	102007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	39.27		P	04:36:38.429	-0.4	96.9		8.39		TAS		59.7	1.36	m_e	mb	5.0
BFO	40.36		P	04:36:47.695	0.3	96.9		8.39		TAS		33.9	1.09	m_e	mb	5.0
BRG	37.04		P	04:36:20.729	0.3	96.9		8.39		TAS		177.4	1.44	m_e	mb	5.6
BSEG	39.80		P	04:36:42.820	0.5	96.9		8.39		TAS		80.8	1.58	m_e	mb	5.1
BUG	41.28		P	04:36:55.866	-0.1	96.9		8.39		TAS		59.1	1.07	m_e	mb	5.2

CLZ	71.50	P	09:05:56.378	-0.2	350.0	5.91	TAS	51.3	0.96	m_e	mb	5.6
FLT1	71.12	P	09:05:53.195	0.3	350.0	5.91	TAS	48.6	1.25	m_e	mb	5.5
GEC2	74.82	P	09:06:15.351		350.0	5.91	TAS	16.4	0.90	m_e	mb	5.1
GRA1	73.72	P	09:06:09.296	-0.2	350.0	5.91	TAS	41.1	1.04	m_e	mb	5.4
GTTG	71.75	P	09:05:58.005	-0.3	350.0	5.91	TAS	76.7	1.04	m_e	mb	5.8
IBBN	70.73	P	09:05:51.515	-0.1	350.0	5.91	TAS	38.1	0.87	m_e	mb	5.5
IBBN	70.73	pP	09:06:01.141	-0.1			T__			m_e		
KAST	71.89	P	09:05:58.272	0.0	350.0	5.91	TAS	30.1	0.98	m_e	mb	5.4
KAST	71.89	pP	09:06:07.903	0.0			T__			m_e		
MANZ	73.53	P	09:06:07.936	0.2	350.0	5.91	TAS	6.2	1.18	m_e	mb	4.5
MOX	72.82	P	09:06:03.855	0.0	350.0	5.91	TAS	66.3	1.28	m_e	mb	5.6
NEUB	72.30	P	09:06:00.646	0.1	350.0	5.91	TAS	54.7	0.92	m_e	mb	5.7
PLN	73.04	P	09:06:05.162	0.0	350.0	5.91	TAS	8.0	0.94	m_e	mb	4.8
RETH	70.50	P	09:05:50.182	-0.6	350.0	5.91	TAS	62.2	1.34	m_e	mb	5.6
RETH	70.50	pP	09:06:00.088	0.0			T__			m_e		
ROTZ	73.75	P	09:06:09.510	-0.1	350.0	5.91	TAS	8.8	1.11	m_e	mb	4.7
ROTZ	73.75	pP	09:06:19.268				T__			m_e		
TANN	73.14	P	09:06:05.845	0.2	350.0	5.91	TAS	20.2	1.11	m_e	mb	5.2
TNS	72.86	P	09:06:04.149	0.3	350.0	5.91	TAS	26.6	0.89	m_e	mb	5.4
TNS	72.86	pP	09:06:13.939				T__			m_e		
UBBA	72.47	pP	09:06:11.559				T__			m_e		
UBR	75.57	P	09:06:19.911		350.0	5.91	TAS	22.4	0.98	m_e	mb	5.3
UBR	75.57	pP	09:06:29.571				T__			m_e		
WLF	73.09	P	09:06:05.776	-0.4	350.0	5.91	TAS	57.1	1.35	m_e	mb	5.5

Event 102003 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/02	12:04:10.67			52.6640	178.1360				33.0			15		73.29	78.01	m i ke	BGR
	102009																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	102009
Ms	4.8		BGR	102009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	75.98		P	12:15:52.249	0.2	8.2		5.63		TAS		4.1	0.62	m_e	mb	4.7
BSEG	73.29		P	12:15:37.629	0.4	8.2		5.63		TAS		12.1	0.81	m_e	mb	5.1
BUG	75.99		P	12:15:52.069	-0.1	8.2		5.63		TAS		10.3	0.76	m_e	mb	5.0
CLL	75.65		P	12:15:50.013	0.0	8.2		5.63		TAS		5.3	0.73	m_e	mb	4.8
CLZ	75.36		P	12:15:49.294	-0.0	8.2		5.63		TAS		20.0	0.96	m_e	mb	5.1
FLT1	74.80		P	12:15:45.459	-0.3	8.2		5.63		TAS		18.9	1.11	m_e	mb	5.0
GEC2	78.01		P	12:16:03.835		8.2		5.63		TAS		11.9	1.23	m_e	mb	4.9
GRA1	77.42		P	12:16:00.866		8.2		5.63		TAS		18.4	0.92	m_e	mb	5.2
GRA1	77.42		L	12:31:55.082						T__	584.2	21.90	a_e	Ms	4.9	
IBBN	75.09		P	12:15:47.570	0.3	8.2		5.63		TAS		40.6	1.07	m_e	mb	5.4

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MANZ	77.04	P	12:15:58.360		8.2	5.63	TAS	1.8	1.00	m_e	mb	4.2
MOX	76.44	P	12:15:55.046	0.1	8.2	5.63	TAS	7.2	0.88	m_e	mb	4.8
MOX	76.44	L	12:36:53.442				T__	367.1	22.00	a_e	Ms	4.7
NEUB	75.88	P	12:15:51.826	-0.0	8.2	5.63	TAS	22.7	1.00	m_e	mb	5.3
ROTZ	77.25	P	12:15:59.783		8.2	5.63	TAS	3.3	1.19	m_e	mb	4.3
TNS	77.12	P	12:15:58.562		8.2	5.63	TAS	13.0	0.97	m_e	mb	5.0
WET	77.80	P	12:16:02.750		8.2	5.63	TAS	6.9	1.08	m_e	mb	4.7

Event 102004 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/02	18:23:57.07			36.6090	142.8960				37.2			13		80.84	86.25	m i ke	BGR
	102010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	102010
Ms	5.7		BGR	102010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	86.25		P	18:36:31.941		37.1		5.12		TAS		66.5	0.94	m_e	mb	5.8
BRG	82.02		P	18:36:10.342	0.1	37.1		5.12		TAS		38.6	0.93	m_e	mb	5.5
BRG	82.02		sP	18:36:25.448	-0.1					T__				m_e		
BSEG	80.97		P	18:36:05.364	0.1	37.1		5.12		TAS		29.9	0.98	m_e	mb	5.3
BSEG	80.97		sP	18:36:20.631	0.3					T__				m_e		
CLL	82.05		P	18:36:10.397	-0.1	37.1		5.12		TAS		67.4	0.91	m_e	mb	5.8
CLZ	82.63		P	18:36:14.093	0.2	37.1		5.12		TAS		50.3	1.00	m_e	mb	5.7
FLT1	81.92		P	18:36:09.692	-0.4	37.1		5.12		TAS		59.6	0.91	m_e	mb	5.7
FLT1	81.92		sP	18:36:24.805	-0.2					T__				m_e		
FUR	85.23		P	18:36:27.064		37.1		5.12		TAS		80.1	0.81	m_e	mb	6.0
FUR	85.23		sP	18:36:42.073						T__				m_e		
GEC2	83.69		P	18:36:18.769	-0.4	37.1		5.12		TAS		31.5	1.00	m_e	mb	5.5
GOR1	81.37		P	18:36:07.434	0.1	37.1		5.12		TAS		104.6	1.34	m_e	mb	5.7
GOR1	81.37		sP	18:36:22.440	0.1					T__				m_e		
GRA1	84.03		P	18:36:21.395	-0.2	37.1		5.12		TAS		100.6	1.00	m_e	mb	6.0
GRA1	84.03		sP	18:36:36.472						T__				m_e		
GRA1	84.03		L	19:18:17.977						T__		3911.1	19.10	a_e	Ms	5.8
GTTG	83.02		P	18:36:15.939	-0.3	37.1		5.12		TAS		45.6	0.99	m_e	mb	5.7
KAST	83.87		P	18:36:20.034	-0.1	37.1		5.12		TAS		22.0	0.99	m_e	mb	5.3
MANZ	83.44		P	18:36:17.902	0.0	37.1		5.12		TAS		8.9	0.91	m_e	mb	5.0
MANZ	83.44		sP	18:36:33.094						T__				m_e		
MOX	83.12		P	18:36:16.235	-0.1	37.1		5.12		TAS		30.0	0.97	m_e	mb	5.5
MOX	83.12		sP	18:36:31.298						T__				m_e		
MOX	83.12		L	19:16:00.158						T__		3227.3	21.70	a_e	Ms	5.7
NEUB	82.62		P	18:36:13.532	-0.4	37.1		5.12		TAS		82.5	1.01	m_e	mb	5.9
PLN	83.03		P	18:36:15.704	0.1	37.1		5.12		TAS		10.7	1.09	m_e	mb	5.0
PLN	83.03		sP	18:36:30.984						T__				m_e		

RETH	82.28	P	18:36:12.139	0.1	37.1	5.12	TAS	42.6	1.01	m_e	mb	5.5
ROTZ	83.58	P	18:36:18.924	0.6	37.1	5.12	TAS	13.2	1.10	m_e	mb	5.1
RUE	80.84	P	18:36:04.515	0.0	37.1	5.12	TAS	84.0	1.10	m_e	mb	5.7
STU	85.56	P	18:36:28.686	0.1	37.1	5.12	TAS	191.5	0.93	m_e	mb	6.2
STU	85.56	sP	18:36:43.712				T__				m_e	
TANN	82.97	P	18:36:15.315	0.1	37.1	5.12	TAS	18.3	1.02	m_e	mb	5.2
TANN	82.97	sP	18:36:30.689				T__				m_e	
TNS	84.66	P	18:36:24.347	0.4	37.1	5.12	TAS	36.9	1.10	m_e	mb	5.5
UBBA	83.59	P	18:36:18.292	-0.0	37.1	5.12	TAS	168.0	2.16	m_e	mb	5.9
UBBA	83.59	sP	18:36:33.627				T__				m_e	
WET	83.80	P	18:36:19.716	-0.1	37.1	5.12	TAS	35.5	1.05	m_e	mb	5.5
WET	83.80	sP	18:36:35.119				T__				m_e	
WLF	85.96	P	18:36:30.924	0.1	37.1	5.12	TAS	367.6	2.28	m_e	mb	6.1

Event 103001 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/03	01:18:51.65		40.2150	140.2500				200.0				23		76.82	82.09	m i ke	BGR
	103007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	103007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	82.09		P	01:31:06.533		37.1		5.43		TAS		28.3	0.99	m_e	mb	5.4
BRG	77.86		P	01:30:44.096	0.2	37.1		5.43		TAS		12.4	0.71	m_e	mb	5.1
BSEG	76.82		P	01:30:38.646	-0.1	37.1		5.43		TAS		18.2	1.11	m_e	mb	5.1
BUG	79.93		P	01:30:55.418	-0.1	37.1		5.43		TAS		25.4	1.06	m_e	mb	5.1
CLL	77.90		P	01:30:44.009	-0.1	37.1		5.43		TAS		20.9	0.63	m_e	mb	5.4
CLZ	78.48		P	01:30:47.962	-0.0	37.1		5.43		TAS		18.4	0.64	m_e	mb	5.4
FLT1	77.76		P	01:30:43.195	-0.5	37.1		5.43		TAS		31.1	0.86	m_e	mb	5.5
FUR	81.07		P	01:31:01.592		37.1		5.43		TAS		50.8	0.88	m_e	mb	5.6
GEC2	79.54		P	01:30:53.207		37.1		5.43		TAS		20.4	1.15	m_e	mb	5.0
GRA1	79.87		P	01:30:55.704		37.1		5.43		TAS		53.5	0.92	m_e	mb	5.5
GTTG	78.87		P	01:30:50.030	-0.2	37.1		5.43		TAS		22.7	0.77	m_e	mb	5.3
IBBN	79.05		P	01:30:50.602	-0.1	37.1		5.43		TAS		30.1	0.58	m_e	mb	5.5
KAST	79.71		P	01:30:54.291	0.1	37.1		5.43		TAS		19.5	1.15	m_e	mb	4.9
MANZ	79.29		P	01:30:52.166	-0.1	37.1		5.43		TAS		3.2	0.78	m_e	mb	4.4
MOX	78.96		P	01:30:50.160	0.5	37.1		5.43		TAS		12.1	0.77	m_e	mb	5.0
NEUB	78.46		P	01:30:47.572	0.1	37.1		5.43		TAS		30.5	0.80	m_e	mb	5.5
PLN	78.87		P	01:30:49.727	-0.2	37.1		5.43		TAS		3.3	0.89	m_e	mb	4.4
RETH	78.13		P	01:30:46.010	0.3	37.1		5.43		TAS		18.8	0.78	m_e	mb	5.3
ROTZ	79.42		P	01:30:52.990	0.5	37.1		5.43		TAS		3.3	0.81	m_e	mb	4.4
STU	81.40		P	01:31:03.394		37.1		5.43		TAS		94.2	0.86	m_e	mb	5.8
TNS	80.50		P	01:30:58.693	-0.8	37.1		5.43		TAS		12.5	0.90	m_e	mb	4.9
UBR	81.93		P	01:31:06.837		37.1		5.43		TAS		10.0	0.67	m_e	mb	5.1

Event 105004 Iceland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/05 04:32:52.40 65.3800 -17.8900 33.0 24 18.45 23.45 m i ke BGR
 105010

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 105010
 Ms 4.3 BGR 105010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.65	P		04:37:18.924	-0.1	326.6		10.90		TAS		172.1	2.19	m_e mb	4.9
BFO	22.02	P		04:37:42.502		326.6		10.90		TAS		93.5	1.48	m_e mb	5.0
BRG	21.87	P		04:37:41.170	1.1	326.6		10.90		TAS		98.1	1.64	m_e mb	5.0
BUG	19.00	P		04:37:09.523	0.1	326.6		10.90		TAS		49.2	1.44	m_e mb	4.5
CLL	21.17	P		04:37:33.531	-0.3	326.6		10.90		TAS		53.8	1.46	m_e mb	4.7
CLZ	19.77	P		04:37:19.008	2.2	326.6		10.90		TAS		67.3	1.46	m_e mb	4.7
FLT1	19.69	P		04:37:19.764	-0.9	326.6		10.90		TAS		153.1	2.04	m_e mb	4.9
FUR	23.16	P		04:37:56.772		326.6		10.90		TAS		391.1	2.15	m_e mb	5.6
GEC2	23.45	P		04:37:57.108		326.6		10.90		TAS		584.8	3.11	m_e mb	5.6
GOR1	19.20	P		04:37:10.735	1.9	326.6		10.90		TAS		1609.8	2.90	m_e mb	5.7
GRA1	21.85	P		04:37:41.998		326.6		10.90		TAS		449.0	2.47	m_e mb	5.5
GRA1	21.85	L		05:04:19.858						T__		1300.0	20.80	a_e Ms	4.3
GTTG	19.86	P		04:37:20.268	0.2	326.6		10.90		TAS		68.7	1.55	m_e mb	4.7
IBBN	18.45	P		04:37:03.311	0.1	326.6		10.90		TAS		331.3	2.47	m_e mb	5.0
KAST	19.60	P		04:37:19.344	1.2	326.6		10.90		TAS		401.6	2.83	m_e mb	5.2
MOX	21.20	P		04:37:35.870	0.2	326.6		10.90		TAS		114.4	1.68	m_e mb	4.9
MOX	21.20	L		05:04:18.677						T__		1332.3	20.40	a_e Ms	4.3
NEUB	20.81	P		04:37:30.425	-0.7	326.6		10.90		TAS		265.3	2.06	m_e mb	5.2
PLN	21.53	P		04:37:37.465	0.5	326.6		10.90		TAS		37.2	1.43	m_e mb	4.6
RETH	18.68	P		04:37:05.975	1.4	326.6		10.90		TAS		1046.7	3.35	m_e mb	5.5
ROTZ	22.14	P		04:37:43.580	0.8	326.6		10.90		TAS		67.7	2.62	m_e mb	4.6
STU	21.93	P		04:37:41.326		326.6		10.90		TAS		183.4	1.33	m_e mb	5.3
TANN	21.70	P		04:37:40.991	-2.0	326.6		10.90		TAS		316.1	2.44	m_e mb	5.3
UBBA	20.48	P		04:37:26.480	-1.3	326.6		10.90		TAS		57.0	1.43	m_e mb	4.6
UBR	23.18	P		04:37:55.532		326.6		10.90		TAS		198.0	1.64	m_e mb	5.4
WET	22.90	P		04:37:53.666		326.6		10.90		TAS		56.4	1.58	m_e mb	4.8

Event 105005 Oaxaca, Mexico
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/05 04:40:45.70 16.7250 -94.6110 33.0 28 84.20 89.09 m i ke BGR

105011

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	105011
MBB	6.4		BGR	105011
Ms	5.2		BGR	105011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	86.02		P	04:53:21.988	0.0	292.7		4.83		TAS		103.4	0.91	m_e	mb	6.0
BFO	86.00		P	04:53:21.165	0.3	292.7		4.83		TAS		90.3	1.00	m_e	mb	5.8
BRG	88.39		P	04:53:32.218		292.7		4.83		TAS		14.8	0.84	m_e	mb	5.3
BSEG	85.14		P	04:53:17.039	0.2	292.7		4.83		TAS		90.0	0.85	m_e	MBB	6.1
BUG	84.28		P	04:53:12.864	0.1	292.7		4.83		TAS		39.8	0.89	m_e	mb	5.7
CLL	87.67		P	04:53:30.397	1.9	292.7		4.83		TAS		16.1	0.72	m_e	mb	5.5
CLZ	85.95		P	04:53:21.536	0.4	292.7		4.83		TAS		87.0	0.95	m_e	mb	5.9
FLT1	86.26		P	04:53:22.852	-0.3	292.7		4.83		TAS		68.1	0.87	m_e	mb	5.8
FUR	87.89		P	04:53:32.481	-0.8	292.7		4.83		TAS		55.3	0.84	m_e	mb	5.9
GEC2	89.09		P	04:53:35.644		292.7		4.83		TAS		42.6	0.94	m_e	mb	5.7
GOR1	86.05		P	04:53:21.702	-0.4	292.7		4.83		TAS		59.0	0.98	m_e	mb	5.7
GRA1	87.27		P	04:53:28.574	-0.7	292.7		4.83		TAS		56.2	0.90	m_e	mb	5.7
GRA1	87.27		L	05:32:22.090						T__		1192.8	19.10	a_e	Ms	5.3
GTTG	85.82		P	04:53:20.738	-0.3	292.7		4.83		TAS		171.7	0.93	m_e	MBB	6.2
IBBN	84.28		P	04:53:13.194	-0.5	292.7		4.83		TAS		163.0	0.93	m_e	MBB	6.3
KAST	85.04		P	04:53:16.345	0.2	292.7		4.83		TAS		70.9	0.96	m_e	mb	5.9
MANZ	87.68		P	04:53:28.704	-0.5	292.7		4.83		TAS		4.0	0.87	m_e	mb	4.8
MOX	87.13		P	04:53:27.349	0.0	292.7		4.83		TAS		16.1	0.64	m_e	mb	5.3
MOX	87.13		L	05:36:28.685						T__		906.9	19.80	a_e	Ms	5.2
NEUB	87.01		P	04:53:27.129	1.0	292.7		4.83		TAS		32.4	1.06	m_e	mb	5.4
PLN	87.51		P	04:53:28.079	0.9	292.7		4.83		TAS		5.2	0.73	m_e	mb	5.0
RETH	85.04		P	04:53:17.005	-0.2	292.7		4.83		TAS		146.4	0.95	m_e	MBB	6.4
ROTZ	87.83		P	04:53:29.798	-0.4	292.7		4.83		TAS		2.7	0.78	m_e	mb	4.6
STU	86.38		P	04:53:23.008	0.8	292.7		4.83		TAS		524.6	0.76	m_e	MBB	6.8
TANN	87.72		P	04:53:29.737	-0.8	292.7		4.83		TAS		29.6	0.98	m_e	mb	5.6
TNS	85.40		P	04:53:18.784	0.1	292.7		4.83		TAS		207.0	0.80	m_e	MBB	6.5
UBBA	86.11		P	04:53:21.650	0.1	292.7		4.83		TAS		30.3	1.27	m_e	mb	5.3
UBR	87.35		P	04:53:27.967	-0.9	292.7		4.83		TAS		78.8	0.90	m_e	mb	5.8
WET	88.48		P	04:53:33.049		292.7		4.83		TAS		43.8	0.82	m_e	mb	5.8
WLF	84.20		P	04:53:12.507	-0.3	292.7		4.83		TAS		78.6	0.63	m_e	MBB	6.2

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
105006	2020/01/05	04:59:57.96			51.3850	-179.4930				33.0			17		74.73	80.44	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
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mb	5.0	BGR	105012
Ms	5.2	BGR	105012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.51		P	05:11:42.824	0.1	6.8		5.51		TAS		63.6	1.81	m_e mb	5.5
BFO	80.44		P	05:12:04.160		6.8		5.51		TAS		5.9	1.05	m_e mb	4.5
BRG	77.48		P	05:11:47.972	-0.3	6.8		5.51		TAS				m_e	
BSEG	74.73		P	05:11:32.860	-0.5	6.8		5.51		TAS		16.0	0.89	m_e mb	5.0
BUG	77.39		P	05:11:47.366	0.4	6.8		5.51		TAS		9.4	0.55	m_e mb	5.1
CLL	77.14		P	05:11:45.805	0.5	6.8		5.51		TAS		7.0	0.63	m_e mb	4.9
CLZ	76.81		P	05:11:44.580	-0.1	6.8		5.51		TAS		19.9	0.89	m_e mb	5.2
FLT1	76.26		P	05:11:40.853	-0.4	6.8		5.51		TAS		13.5	0.61	m_e mb	5.2
GEC2	79.51		P	05:11:59.226		6.8		5.51		TAS		5.7	0.57	m_e mb	4.7
GRA1	78.89		P	05:11:56.313		6.8		5.51		TAS				m_e	
GRA1	78.89		L	05:32:12.533						T__		1192.8	19.10	a_e Ms	5.2
GTTG	77.13		P	05:11:46.675	-0.3	6.8		5.51		TAS		17.8	1.00	m_e mb	5.2
IBBN	76.50		P	05:11:42.740	-0.1	6.8		5.51		TAS		31.7	0.53	m_e mb	5.7
MOX	77.91		P	05:11:50.171		6.8		5.51		TAS		6.8	0.61	m_e mb	5.0
MOX	77.91		L	05:36:28.651						T__		906.9	19.80	a_e Ms	5.1
NEUB	77.35		P	05:11:47.508	-0.1	6.8		5.51		TAS		18.1	0.86	m_e mb	5.2
ROTZ	78.73		P	05:11:55.354		6.8		5.51		TAS		2.5	1.21	m_e mb	4.1
STU	79.95		P	05:12:01.336		6.8		5.51		TAS		10.4	0.64	m_e mb	4.9
WET	79.29		P	05:11:58.178		6.8		5.51		TAS		3.9	0.71	m_e mb	4.5

Event 105007 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/05	08:08:27.05			49.7000	153.9800				33.0			23		72.30	77.96	m i ke	BGR
	105013																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	105013
Ms	4.3		BGR	105013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.87		P	08:19:58.918	-0.3	23.9		5.77		TAS		20.0	1.19	m_e mb	5.0
BFO	77.96		P	08:20:21.948		23.9		5.77		TAS		8.0	0.98	m_e mb	4.8
BRG	74.15		P	08:20:00.549	0.1	23.9		5.77		TAS		16.1	1.02	m_e mb	5.0
BSEG	72.30		P	08:19:49.647	0.2	23.9		5.77		TAS		9.5	0.90	m_e mb	4.9
CLL	74.02		P	08:19:59.607	0.3	23.9		5.77		TAS		29.8	0.84	m_e mb	5.3
CLZ	74.21		P	08:20:01.070	0.1	23.9		5.77		TAS		23.7	0.97	m_e mb	5.2
FLT1	73.54		P	08:19:56.875	0.0	23.9		5.77		TAS		19.9	0.96	m_e mb	5.1
FUR	77.35		P	08:20:19.024		23.9		5.77		TAS		39.5	1.22	m_e mb	5.4
GEC2	76.05		P	08:20:11.593		23.9		5.77		TAS		10.7	0.84	m_e mb	5.0
GOR1	72.92		P	08:19:54.001	-0.2	23.9		5.77		TAS		40.5	1.26	m_e mb	5.4
GRA1	75.96		P	08:20:11.554		23.9		5.77		TAS		34.8	0.92	m_e mb	5.5

GRA1	75.96	L	08:57:48.043						T__	139.8	18.50	a_e	Ms	4.3
IBBN	74.40	P	08:20:02.330	-0.2	23.9	5.77			TAS	20.6	0.93	m_e	mb	5.1
KAST	75.27	P	08:20:07.289	-0.0	23.9	5.77			TAS	17.6	1.06	m_e	mb	5.0
MANZ	75.46	P	08:20:08.349	-0.7	23.9	5.77			TAS	2.8	0.95	m_e	mb	4.3
MOX	74.99	P	08:20:05.550	0.2	23.9	5.77			TAS	16.8	0.99	m_e	mb	5.0
MOX	74.99	L	08:58:54.303						T__	126.4	18.50	a_e	Ms	4.2
NEUB	74.44	P	08:20:02.448	0.1	23.9	5.77			TAS	22.4	1.03	m_e	mb	5.1
PLN	74.99	P	08:20:05.634	0.4	23.9	5.77			TAS	8.2	1.13	m_e	mb	4.7
RETH	73.63	P	08:19:57.884	0.2	23.9	5.77			TAS	21.8	1.08	m_e	mb	5.1
ROTZ	75.63	P	08:20:09.434	-0.1	23.9	5.77			TAS	5.0	1.07	m_e	mb	4.6
RUE	72.75	P	08:19:52.454	-0.3	23.9	5.77			TAS	35.2	0.98	m_e	mb	5.5
TANN	74.97	P	08:20:05.542	0.5	23.9	5.77			TAS	7.4	1.02	m_e	mb	4.7
UBBA	75.24	P	08:20:07.331	0.1	23.9	5.77			TAS	11.0	1.12	m_e	mb	4.8
WET	76.01	P	08:20:11.946		23.9	5.77			TAS	23.1	0.91	m_e	mb	5.3

Event 105008 Southeast of Shikoku, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/05	12:25:49.30			31.3200	133.1200				10.0			20		82.19	84.85	m i ke	EMSC
	105040																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	105014
Ms	4.2		BGR	105014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	82.86		P	12:38:13.809	-0.1	46.9		5.30		TAS		28.1	1.37	m_e	mb	5.3
BRG	82.19		P	12:38:10.318	0.2	46.9		5.30		TAS		10.1	1.06	m_e	mb	4.9
BUG	84.85		P	12:38:23.792	-0.5	46.9		5.30		TAS		16.3	1.06	m_e	mb	5.2
CLL	82.35		P	12:38:11.115	0.1	46.9		5.30		TAS		20.7	0.89	m_e	mb	5.3
CLL	82.35		PcP	12:38:20.887						T__				m_e		
CLZ	83.20		P	12:38:16.063	0.2	46.9		5.30		TAS		28.3	0.95	m_e	mb	5.5
CLZ	83.20		PcP	12:38:25.973						T__				m_e		
FLT1	82.47		P	12:38:11.491	-0.2	46.9		5.30		TAS		23.6	0.88	m_e	mb	5.3
GEC2	83.65		P	12:38:18.245		46.9		5.30		TAS		17.1	1.34	m_e	mb	5.1
GRA1	84.28		P	12:38:21.974		46.9		5.30		TAS		41.3	1.09	m_e	mb	5.6
GRA1	84.28		L	13:19:10.833						T__		92.6	18.10	a_e	Ms	4.2
GTTG	83.59		P	12:38:17.878	-0.2	46.9		5.30		TAS		26.7	1.00	m_e	mb	5.4
GTTG	83.59		PcP	12:38:27.556						T__				m_e		
IBBN	84.02		P	12:38:19.646	-0.3	46.9		5.30		TAS		37.9	0.95	m_e	mb	5.6
KAST	84.52		P	12:38:22.337	0.1	46.9		5.30		TAS		8.0	0.90	m_e	mb	5.0
MANZ	83.66		P	12:38:18.483		46.9		5.30		TAS		3.9	1.00	m_e	mb	4.6
MOX	83.45		P	12:38:17.218	0.4	46.9		5.30		TAS		15.1	1.14	m_e	mb	5.1
MOX	83.45		PcP	12:38:26.856						T__				m_e		
MOX	83.45		L	13:19:27.253						T__		85.6	19.20	a_e	Ms	4.1
NEUB	83.00		P	12:38:14.896	-0.5	46.9		5.30		TAS		37.9	1.03	m_e	mb	5.6

PLN	83.30	P	12:38:16.421	0.0	46.9	5.30	TAS	5.2	1.15	m_e	mb	4.7
PLN	83.30	PcP	12:38:26.259				T__				m_e	
RETH	83.02	P	12:38:14.566	0.5	46.9	5.30	TAS	10.3	0.94	m_e	mb	5.0
ROTZ	83.76	P	12:38:19.252		46.9	5.30	TAS	7.0	1.17	m_e	mb	4.8
TANN	83.20	P	12:38:15.362	-0.2	46.9	5.30	TAS	9.8	1.12	m_e	mb	4.9
UBBA	84.07	P	12:38:19.775	0.4	46.9	5.30	TAS	26.6	1.59	m_e	mb	5.2
WET	83.86	P	12:38:19.508		46.9	5.30	TAS	7.1	1.02	m_e	mb	4.8

Event 106001 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/06	00:20:56.19			29.1650	129.2800				33.0			25		81.19	85.79	m i ke	BGR
	106007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	106007
Ms	5.2		BGR	106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	82.90	P		00:33:16.190	0.5	50.8		5.09		TAS		53.1	1.68	m_e	mb	5.5
BRG	82.07	P		00:33:12.105	-0.2	50.8		5.09		TAS		56.2	2.00	m_e	mb	5.3
BSEG	81.92	P		00:33:11.171	-0.5	50.8		5.09		TAS		19.6	1.54	m_e	mb	5.0
CLL	82.28	P		00:33:13.211	-0.1	50.8		5.09		TAS		40.3	1.45	m_e	mb	5.3
CLZ	83.23	P		00:33:18.862	-0.0	50.8		5.09		TAS		36.4	1.14	m_e	mb	5.5
FLT1	82.50	P		00:33:14.408	0.8	50.8		5.09		TAS		12.5	0.86	m_e	mb	5.2
FUR	85.11	P		00:33:27.789		50.8		5.09		TAS				m_e		
GEC2	83.42	P		00:33:19.056		50.8		5.09		TAS				m_e		
GOR1	82.06	P		00:33:11.982	-0.1	50.8		5.09		TAS		92.8	1.90	m_e	mb	5.6
GRA1	84.17	P		00:33:23.225	0.1	50.8		5.09		TAS				m_e		
GRA1	84.17	L		01:14:49.152						T__		830.9	20.50	a_e	Ms	5.1
GTTG	83.61	P		00:33:20.492	0.2	50.8		5.09		TAS		29.3	1.10	m_e	mb	5.4
IBBN	84.15	P		00:33:22.855	-0.2	50.8		5.09		TAS		55.4	1.37	m_e	mb	5.6
KAST	84.57	P		00:33:25.158	0.1	50.8		5.09		TAS		18.7	1.37	m_e	mb	5.1
MANZ	83.54	P		00:33:19.725	0.0	50.8		5.09		TAS		4.0	1.20	m_e	mb	4.5
MOX	83.38	P		00:33:18.585	-0.3	50.8		5.09		TAS		19.0	1.30	m_e	mb	5.2
MOX	83.38	L		01:14:45.631						T__		1332.6	18.30	a_e	Ms	5.3
NEUB	82.96	P		00:33:16.912	-0.3	50.8		5.09		TAS		33.1	1.05	m_e	mb	5.5
PLN	83.21	P		00:33:17.779	0.0	50.8		5.09		TAS		8.6	1.40	m_e	mb	4.8
RETH	83.13	P		00:33:17.045	0.1	50.8		5.09		TAS		38.7	1.52	m_e	mb	5.4
ROTZ	83.63	P		00:33:20.266	-0.0	50.8		5.09		TAS		6.7	1.27	m_e	mb	4.7
RUE	81.19	P		00:33:07.563	0.0	50.8		5.09		TAS		28.5	1.16	m_e	mb	5.2
STU	85.79	P		00:33:30.579		50.8		5.09		TAS				m_e		
TANN	83.10	P		00:33:17.459	0.1	50.8		5.09		TAS		20.8	1.43	m_e	mb	5.2
TNS	85.20	P		00:33:27.839	0.3	50.8		5.09		TAS		27.1	1.55	m_e	mb	5.2
UBBA	84.06	P		00:33:22.460	0.0	50.8		5.09		TAS		38.2	1.50	m_e	mb	5.4
WET	83.67	P		00:33:20.384		50.8		5.09		TAS				m_e		

Event 106002 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/06	01:29:19.13			-0.5820	-15.9590				33.0	1.1		23		53.08	58.53	m i ke	BGR
OrigID 106008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	106008
Ms	5.2		BGR	106008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	53.08		P	01:38:34.888		213.7		7.20		TAS		41.9	0.96	m_e mb	5.3
BRG	57.22		P	01:39:04.644	-0.0	213.7		7.20		TAS		24.7	1.06	m_e mb	5.2
BSEG	58.53		P	01:39:13.955	0.2	213.7		7.20		TAS		23.9	0.88	m_e mb	5.2
BUG	55.44		P	01:38:51.598	0.0	213.7		7.20		TAS		27.7	0.92	m_e mb	5.3
CLL	57.23		P	01:39:04.477	-0.1	213.7		7.20		TAS		39.1	1.33	m_e mb	5.3
CLZ	56.76		P	01:39:01.581	0.2	213.7		7.20		TAS		204.8	2.77	m_e mb	5.7
FLT1	57.46		P	01:39:06.610	-0.1	213.7		7.20		TAS				m_e	
FUR	54.00		P	01:38:41.820		213.7		7.20		TAS		88.6	1.05	m_e mb	5.7
GEC2	55.50		P	01:38:52.824		213.7		7.20		TAS		35.4	0.93	m_e mb	5.4
GOR1	58.04		P	01:39:10.752	0.2	213.7		7.20		TAS		99.9	1.49	m_e mb	5.6
GRA1	55.25		P	01:38:50.553		213.7		7.20		TAS		218.6	2.99	m_e mb	5.7
GRA1	55.25		L	02:02:52.522						T__		1784.5	19.80	a_e Ms	5.2
GTTG	56.38		P	01:38:58.729	-0.2	213.7		7.20		TAS		43.8	1.29	m_e mb	5.3
KAST	55.59		P	01:38:53.111	-0.1	213.7		7.20		TAS		20.9	1.13	m_e mb	5.1
MANZ	55.82		P	01:38:54.769	0.1	213.7		7.20		TAS		8.6	0.98	m_e mb	4.8
MOX	56.18		P	01:38:57.468	-0.2	213.7		7.20		TAS		373.6	2.76	m_e mb	5.9
MOX	56.18		L	02:03:09.823						T__		1878.9	18.80	a_e Ms	5.2
PLN	56.25		P	01:38:57.780	0.2	213.7		7.20		TAS		10.3	1.05	m_e mb	4.8
RETH	57.21		P	01:39:04.795	0.0	213.7		7.20		TAS		30.9	1.13	m_e mb	5.2
ROTZ	55.67		P	01:38:53.531	-0.1	213.7		7.20		TAS		12.8	1.56	m_e mb	4.7
RUE	58.46		P	01:39:14.071	0.1	213.7		7.20		TAS		60.2	0.97	m_e mb	5.6
TANN	56.30		P	01:38:58.183	0.5	213.7		7.20		TAS		33.1	0.98	m_e mb	5.3
TNS	54.75		P	01:38:47.052	-0.2	213.7		7.20		TAS		40.0	0.85	m_e mb	5.5
UBR	53.16		P	01:38:35.580		213.7		7.20		TAS		44.0	0.91	m_e mb	5.4
WET	55.42		P	01:38:52.003		213.7		7.20		TAS		56.0	0.98	m_e mb	5.6

Event 106006 Puerto Rico region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/06	10:32:20.00			17.8700	-66.8300				2.0			29		65.61	70.58	m i ke	EMSC
OrigID 106038																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	106012
MBB	6.2		BGR	106012
Ms	5.3		BGR	106012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	68.46		P	10:43:24.127	0.9	272.3		5.96		TAS		198.7	1.41	m_e	MBB	6.4
BFO	67.05		P	10:43:15.684	0.0	272.3		5.96		TAS		226.6	2.19	m_e	MBB	6.2
BRG	70.57		P	10:43:35.840		272.3		5.96		TAS		110.9	1.52	m_e	MBB	6.0
BSEG	68.21		P	10:43:22.846	0.0	272.3		5.96		TAS		269.2	2.34	m_e	MBB	6.0
BUG	66.35		P	10:43:11.082	-0.3	272.3		5.96		TAS		328.3	1.85	m_e	MBB	6.3
CLL	69.94		P	10:43:31.706	0.1	272.3		5.96		TAS		277.6	2.04	m_e	MBB	6.0
CLZ	68.28		P	10:43:22.846	0.2	272.3		5.96		TAS		230.3	1.86	m_e	MBB	6.3
FLT1	68.80		P	10:43:24.922	0.8	272.3		5.96		TAS		309.7	1.90	m_e	MBB	6.4
FUR	69.02		P	10:43:27.300	-0.3	272.3		5.96		TAS		673.9	2.26	m_e	MBB	6.4
GEC2	70.58		P	10:43:37.414		272.3		5.96		TAS		143.5	1.66	m_e	MBB	6.0
GOR1	68.82		P	10:43:26.909	-1.0	272.3		5.96		TAS		684.0	2.50	m_e	mb	6.4
GRA1	68.90		P	10:43:27.300	0.0	272.3		5.96		TAS		199.7	1.77	m_e	mb	6.0
GRA1	68.90		L	11:07:31.397						T__		1405.0	21.40	a_e	Ms	5.2
GTTG	68.03		P	10:43:21.837	0.3	272.3		5.96		TAS		146.3	1.62	m_e	mb	6.0
IBBN	66.66		P	10:43:14.350	-1.3	272.3		5.96		TAS		411.2	1.75	m_e	MBB	6.6
KAST	67.07		P	10:43:14.366	-1.5	272.3		5.96		TAS		235.8	1.98	m_e	MBB	6.2
MANZ	69.46		P	10:43:29.206	-1.1	272.3		5.96		TAS		29.8	1.23	m_e	MBB	5.6
MOX	69.11		P	10:43:27.771	1.9	272.3		5.96		TAS		233.4	2.35	m_e	MBB	6.0
MOX	69.11		L	11:08:34.464						T__		2548.1	21.30	a_e	Ms	5.4
NEUB	69.18		P	10:43:30.120	0.2	272.3		5.96		TAS		489.6	2.15	m_e	MBB	6.3
PLN	69.46		P	10:43:29.559	-0.6	272.3		5.96		TAS		23.7	1.45	m_e	MBB	5.5
RETH	67.64		P	10:43:19.076	0.5	272.3		5.96		TAS		332.9	1.85	m_e	MBB	6.4
RJOB	70.08		P	10:43:33.380		272.3		5.96		TAS		23.9	1.06	m_e	mb	5.2
ROTZ	69.54		P	10:43:30.067	-1.1	272.3		5.96		TAS		87.3	2.09	m_e	MBB	5.6
STU	67.61		P	10:43:18.731	0.5	272.3		5.96		TAS		449.7	1.64	m_e	mb	6.4
TANN	69.66		P	10:43:30.001	-0.4	272.3		5.96		TAS		82.6	1.41	m_e	MBB	5.9
TNS	67.09		P	10:43:14.219	0.3	272.3		5.96		TAS		214.4	1.57	m_e	MBB	6.4
UBBA	68.07		P	10:43:21.918	-0.0	272.3		5.96		TAS		163.6	1.85	m_e	MBB	6.2
UBR	68.27		P	10:43:23.325	0.8	272.3		5.96		TAS		152.0	1.98	m_e	mb	5.9
WET	70.02		P	10:43:32.755	1.0	272.3		5.96		TAS		184.2	1.92	m_e	MBB	6.0
WLF	65.61		P	10:43:06.577	-0.3	272.3		5.96		TAS		227.2	1.52	m_e	MBB	6.4

Event 107001 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	04:31:52.60			80.0700	-0.1900				10.0			20		28.30	32.78	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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mb	5.2	BGR	107007
Ms	4.4	BGR	107007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	28.30		P	04:37:46.366	-0.1	356.1		8.98		TAS		74.2	1.76	m_e mb	5.2
BFO	32.00		P	04:38:19.378		356.1		8.98		TAS		60.1	1.70	m_e mb	5.2
BRG	29.71		P	04:37:59.163	0.5	356.1		8.98		TAS		40.2	1.15	m_e mb	5.1
BUG	28.86		P	04:37:51.704	0.2	356.1		8.98		TAS		47.9	1.32	m_e mb	5.2
CLL	29.22		P	04:37:54.289	-0.1	356.1		8.98		TAS		139.6	1.84	m_e mb	5.5
CLZ	28.57		P	04:37:49.667	0.3	356.1		8.98		TAS		258.7	2.35	m_e mb	5.6
GEC2	31.72		P	04:38:17.768		356.1		8.98		TAS		51.4	1.03	m_e mb	5.4
GRA1	30.75		P	04:38:09.062		356.1		8.98		TAS		37.0	0.88	m_e mb	5.3
GRA1	30.75		L	04:49:01.339						T__		1029.5	21.40	a_e Ms	4.5
GTTG	28.85		P	04:37:51.993	0.1	356.1		8.98		TAS		28.4	1.10	m_e mb	5.0
KAST	29.14		P	04:37:54.134	0.0	356.1		8.98		TAS		49.5	1.30	m_e mb	5.2
MOX	29.82		P	04:38:00.496	-0.4	356.1		8.98		TAS		45.6	0.97	m_e mb	5.3
MOX	29.82		L	04:49:16.253						T__		846.0	19.00	a_e Ms	4.4
NEUB	29.28		P	04:37:55.767	0.2	356.1		8.98		TAS		68.4	1.08	m_e mb	5.4
PLN	30.00		P	04:38:02.515	0.1	356.1		8.98		TAS		25.6	1.07	m_e mb	5.0
RJOB	32.78		P	04:38:27.195		356.1		8.98		TAS		29.3	0.76	m_e mb	5.3
ROTZ	30.72		P	04:38:08.620		356.1		8.98		TAS		9.2	1.00	m_e mb	4.7
TANN	30.09		P	04:38:03.067	-0.7	356.1		8.98		TAS		75.8	1.17	m_e mb	5.4
TNS	30.12		P	04:38:03.127		356.1		8.98		TAS		27.8	1.34	m_e mb	4.9
UBR	32.72		P	04:38:25.861		356.1		8.98		TAS		35.1	1.00	m_e mb	5.2
WET	31.38		P	04:38:14.673		356.1		8.98		TAS		30.5	1.10	m_e mb	5.1

Event 107002 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	06:05:20.40			2.4500	96.4300				20.0			30		83.36	88.33	m i ke	EMSC
	107034																

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	107008
MBB	6.3		BGR	107008
Ms	6.0		BGR	107008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.47		P	06:18:00.390	0.0	92.1		4.73		TAS		87.2	1.30	m_e MBB	6.3
BFO	86.92		P	06:18:02.812	-1.1	92.1		4.73		TAS		34.6	1.06	m_e MBB	6.2
BRG	83.36		P	06:17:45.329	-1.6	92.1		4.73		TAS		117.7	1.41	m_e MBB	6.3
BSEG	85.74		P	06:17:57.872	-2.0	92.1		4.73		TAS		78.6	1.28	m_e MBB	6.0
BUG	87.58		P	06:18:07.122	0.8	92.1		4.73		TAS		98.6	1.11	m_e MBB	6.5
CLL	83.98		P	06:17:51.576	-1.5	92.1		4.73		TAS		740.3	2.99	m_e MBB	6.3
CLZ	85.65		P	06:17:57.194	-0.5	92.1		4.73		TAS		66.8	1.08	m_e MBB	6.3
FLT1	85.13		P	06:17:59.131	-1.5	92.1		4.73		TAS		329.3	2.53	m_e MBB	6.3

FUR	84.95	P	06:17:58.017	-0.4	92.1	4.73	TAS	114.2	1.31	m_e	MBB	6.3
GEC2	83.37	P	06:17:45.862	-0.4	92.1	4.73	TAS	212.0	1.30	m_e	MBB	6.5
GOR1	85.11	P	06:17:57.533	2.9	92.1	4.73	TAS	154.5	1.47	m_e	MBB	6.4
GRA1	85.04	P	06:17:54.449	-0.9	92.1	4.73	TAS	113.0	1.19	m_e	mb	6.0
GRA1	85.04	L	07:05:22.562				T__	6975.6	20.60	a_e	Ms	6.0
GTTG	85.89	P	06:17:59.761	0.9	92.1	4.73	TAS	191.2	1.79	m_e	MBB	6.4
IBBN	87.27	P	06:18:05.669	2.4	92.1	4.73	TAS	146.1	1.20	m_e	MBB	6.4
KAST	86.86	P	06:18:04.894	-2.3	92.1	4.73	TAS	75.3	1.29	m_e	MBB	6.2
MANZ	84.48	P	06:17:51.625	-0.2	92.1	4.73	TAS	36.3	1.35	m_e	MBB	5.7
MOX	84.82	P	06:17:52.739	1.5	92.1	4.73	TAS	72.5	1.29	m_e	MBB	6.3
MOX	84.82	L	07:05:09.399				T__	5343.1	21.30	a_e	Ms	5.9
NEUB	84.75	P	06:17:52.739	4.1	92.1	4.73	TAS	69.6	1.10	m_e	MBB	6.3
PLN	84.47	P	06:17:51.105	-0.7	92.1	4.73	TAS	212.6	2.84	m_e	MBB	5.8
RETH	86.29	P	06:18:00.051	-0.8	92.1	4.73	TAS	501.4	2.41	m_e	MBB	6.4
RJOB	83.91	P	06:17:47.799		92.1	4.73	TAS	40.6	1.03	m_e	MBB	6.3
ROTZ	84.40	P	06:17:50.947	-0.5	92.1	4.73	TAS	13.5	1.05	m_e	MBB	5.8
RUE	83.58	P	06:17:52.158	2.7	92.1	4.73	TAS	166.7	1.06	m_e	mb	6.2
STU	86.35	P	06:18:01.649	4.1	92.1	4.73	TAS	832.9	2.48	m_e	MBB	6.6
TANN	84.27	P	06:17:53.175	-0.8	92.1	4.73	TAS	72.7	1.42	m_e	MBB	6.2
TNS	86.84	P	06:18:02.957	-1.1	92.1	4.73	TAS	1023.4	3.05	m_e	MBB	6.4
UBBA	85.85	P	06:18:03.344	-1.5	92.1	4.73	TAS	146.2	1.97	m_e	MBB	6.2
UBR	85.72	P	06:17:56.903		92.1	4.73	TAS	390.6	2.87	m_e	MBB	6.4
WET	83.93	P	06:17:48.477	0.9	92.1	4.73	TAS	90.8	1.21	m_e	MBB	6.3
WLF	88.33	P	06:18:10.221	-1.1	92.1	4.73	TAS	149.7	1.51	m_e	MBB	6.5

Event 107004 Caribbean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	08:24:30.39		16.9740	-65.7470					33.0			29		65.56	70.55	m i ke	BGR
	107010																

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	107010
MBB	6.6		BGR	107010
Ms	6.1		BGR	107010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	68.47		P	08:35:28.670	0.2	271.5		6.23		TAS		615.0	1.70	m_e	MBB 6.8
BFO	66.97		P	08:35:18.703	0.3	271.5		6.23		TAS		152.6	1.51	m_e	mb 6.0
BRG	70.55		P	08:35:41.077	-0.3	271.5		6.23		TAS		341.9	1.74	m_e	MBB 6.5
BSEG	68.27		P	08:35:26.686	0.2	271.5		6.23		TAS		80.3	1.27	m_e	MBB 6.5
BUG	66.34		P	08:35:15.451	0.1	271.5		6.23		TAS		202.0	1.27	m_e	MBB 6.6
CLL	69.94		P	08:35:37.435	-0.4	271.5		6.23		TAS		205.4	1.48	m_e	MBB 6.5
CLZ	68.29		P	08:35:27.386	-0.2	271.5		6.23		TAS		154.8	1.26	m_e	MBB 6.7
FLT1	68.82		P	08:35:30.108	0.5	271.5		6.23		TAS		255.9	1.41	m_e	MBB 6.7
FUR	68.94		P	08:35:32.207		271.5		6.23		TAS		660.6	1.94	m_e	MBB 6.8

GEC2	70.51	P	08:35:41.350	0.8	271.5	6.23	TAS	219.4	1.49	m_e	MBB	6.5
GOR1	68.86	P	08:35:31.361	-0.2	271.5	6.23	TAS	962.5	1.79	m_e	MBB	7.0
GRA1	68.85	P	08:35:31.530	-0.1	271.5	6.23	TAS	259.7	1.47	m_e	mb	6.2
GRA1	68.85	L	08:58:52.876				T__	9764.9	21.50	a_e	Ms	6.0
GTTG	68.03	P	08:35:26.242	-0.1	271.5	6.23	TAS	332.5	1.68	m_e	MBB	6.6
IBBN	66.68	P	08:35:17.077	0.1	271.5	6.23	TAS	409.3	1.37	m_e	MBB	6.9
KAST	67.06	P	08:35:19.649	-0.8	271.5	6.23	TAS	266.1	1.58	m_e	MBB	6.6
MANZ	69.42	P	08:35:34.731	0.6	271.5	6.23	TAS	133.1	1.69	m_e	MBB	6.0
MOX	69.08	P	08:35:32.065	0.3	271.5	6.23	TAS			m_e		
MOX	69.08	L	09:01:26.119				T__	12250.2	21.60	a_e	Ms	6.1
NEUB	69.17	P	08:35:32.997	-0.3	271.5	6.23	TAS	146.0	1.01	m_e	MBB	6.8
PLN	69.43	P	08:35:34.246	0.3	271.5	6.23	TAS	65.3	1.51	m_e	MBB	6.2
RETH	67.67	P	08:35:23.599	-0.5	271.5	6.23	TAS	362.1	1.58	m_e	MBB	6.9
RJOB	69.98	P	08:35:37.236		271.5	6.23	TAS	83.7	1.26	m_e	MBB	6.6
ROTZ	69.49	P	08:35:34.895	0.3	271.5	6.23	TAS	78.9	1.60	m_e	MBB	6.1
STU	67.54	P	08:35:22.632	-0.7	271.5	6.23	TAS	930.5	1.61	m_e	MBB	7.0
TANN	69.63	P	08:35:35.659	-0.0	271.5	6.23	TAS	266.2	1.58	m_e	MBB	6.5
TNS	67.06	P	08:35:20.021	-0.3	271.5	6.23	TAS	447.8	1.61	m_e	MBB	6.7
UBBA	68.05	P	08:35:25.089	-0.1	271.5	6.23	TAS	303.0	1.78	m_e	MBB	6.6
UBR	68.17	P	08:35:26.941		271.5	6.23	TAS	297.9	1.80	m_e	MBB	6.6
WET	69.95	P	08:35:38.145	-0.5	271.5	6.23	TAS	156.5	1.38	m_e	MBB	6.6
WLF	65.56	P	08:35:10.122	0.1	271.5	6.23	TAS	386.2	1.45	m_e	MBB	6.5

Event 107003 Puerto Rico region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	08:34:02.30			17.8300	-66.6900				10.0			24		65.55	70.52	m i ke	EMSC
	107035																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	107009
Ms	6.1		BGR	107009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	68.40		P	08:45:06.823	-0.2	272.8		6.12		TAS		95.6	1.50	m_e	mb 5.8
BFO	66.99		P	08:44:56.413		272.8		6.12		TAS		30.6	1.42	m_e	mb 5.3
BRG	70.51		P	08:45:17.194	0.1	272.8		6.12		TAS		17.1	0.91	m_e	mb 5.2
BSEG	68.16		P	08:45:03.492	-0.0	272.8		6.12		TAS		39.9	1.55	m_e	mb 5.4
BUG	66.29		P	08:44:50.997	-0.4	272.8		6.12		TAS		61.5	1.38	m_e	mb 5.7
CLL	69.89		P	08:45:13.688	-0.8	272.8		6.12		TAS		14.6	1.10	m_e	mb 5.0
CLZ	68.22		P	08:45:03.515	-0.6	272.8		6.12		TAS		53.2	1.52	m_e	mb 5.5
FLT1	68.74		P	08:45:06.927	-0.9	272.8		6.12		TAS		72.4	1.61	m_e	mb 5.7
GEC2	70.52		P	08:45:16.914		272.8		6.12		TAS		31.0	1.27	m_e	mb 5.3
GRA1	68.84		P	08:45:06.613		272.8		6.12		TAS		93.9	1.76	m_e	mb 5.7
GRA1	68.84		L	08:58:52.865						T__		9764.9	21.50	a_e	Ms 6.0
GTTG	67.98		P	08:45:03.492	0.4	272.8		6.12		TAS		19.7	0.88	m_e	mb 5.3

IBBN	66.61	P	08:44:53.837	1.3	272.8	6.12	TAS	102.0	1.52	m_e	mb	5.8
KAST	67.01	P	08:44:55.639	0.3	272.8	6.12	TAS	36.3	1.32	m_e	mb	5.4
MANZ	69.40	P	08:45:10.413	-0.5	272.8	6.12	TAS	16.9	1.46	m_e	mb	5.1
MOX	69.05	L	09:01:26.106				T__	12250.2	21.60	a_e	Ms	6.1
NEUB	69.12	P	08:45:09.583	0.1	272.8	6.12	TAS	53.1	1.42	m_e	mb	5.6
PLN	69.40	P	08:45:11.098	0.0	272.8	6.12	TAS	13.7	1.47	m_e	mb	5.0
RETH	67.59	P	08:44:58.920	2.0	272.8	6.12	TAS	54.3	1.45	m_e	mb	5.6
ROTZ	69.47	P	08:45:11.114	0.2	272.8	6.12	TAS	15.1	1.59	m_e	mb	5.0
STU	67.55	P	08:44:59.334		272.8	6.12	TAS	48.1	0.57	m_e	mb	5.9
TANN	69.60	P	08:45:12.149	-0.6	272.8	6.12	TAS	55.9	1.78	m_e	mb	5.4
TNS	67.03	P	08:44:56.375	0.1	272.8	6.12	TAS	63.4	1.40	m_e	mb	5.7
UBBA	68.02	P	08:45:01.564	-0.3	272.8	6.12	TAS	57.2	1.69	m_e	mb	5.5
WET	69.95	P	08:45:14.095		272.8	6.12	TAS	59.9	1.75	m_e	mb	5.4
WLF	65.55	P	08:44:47.093	0.8	272.8	6.12	TAS	100.9	1.61	m_e	mb	5.8

Event 107005 Caribbean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	11:18:40.78			15.9240	-66.0860				33.0			24		66.55	71.55	m i ke	BGR
	107011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	107011
Ms	5.3		BGR	107011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	69.48		P	11:29:45.764	0.7	271.0		6.16		TAS		65.3	1.15	m_e	mb	5.8
BFO	67.94		P	11:29:35.453		271.0		6.16		TAS		21.7	1.24	m_e	mb	5.2
BRG	71.55		P	11:29:57.449	0.4	271.0		6.16		TAS		27.3	1.00	m_e	mb	5.3
BUG	67.35		P	11:29:31.627	-0.4	271.0		6.16		TAS		43.1	1.15	m_e	mb	5.6
CLL	70.94		P	11:29:53.221	0.3	271.0		6.16		TAS		23.9	1.04	m_e	mb	5.3
CLZ	69.29		P	11:29:43.517	-0.3	271.0		6.16		TAS		28.1	0.93	m_e	mb	5.5
FLT1	69.83		P	11:29:46.951	-0.4	271.0		6.16		TAS		44.7	1.22	m_e	mb	5.5
GEC2	71.50		P	11:29:57.320		271.0		6.16		TAS		69.2	1.63	m_e	mb	5.5
GRA1	69.84		P	11:29:48.071		271.0		6.16		TAS		40.0	1.17	m_e	mb	5.4
GRA1	69.84		L	12:00:30.709						T__		1708.9	18.10	a_e	Ms	5.3
IBBN	67.69		P	11:29:33.945	-0.7	271.0		6.16		TAS		84.4	1.23	m_e	mb	5.8
KAST	68.06		P	11:29:35.812	-0.4	271.0		6.16		TAS		31.2	1.10	m_e	mb	5.5
MANZ	70.41		P	11:29:51.119	0.6	271.0		6.16		TAS		13.7	0.99	m_e	mb	5.0
MOX	70.08		P	11:29:48.310	-0.3	271.0		6.16		TAS				m_e		
MOX	70.08		L	11:59:18.150						T__		1572.8	18.40	a_e	Ms	5.3
NEUB	70.17		P	11:29:49.875	-0.5	271.0		6.16		TAS		40.9	0.94	m_e	mb	5.5
PLN	70.43		P	11:29:51.188	0.8	271.0		6.16		TAS		8.0	1.14	m_e	mb	4.8
RETH	68.69		P	11:29:40.385	-0.2	271.0		6.16		TAS		43.6	1.26	m_e	mb	5.5
RJOB	70.95		P	11:29:54.158		271.0		6.16		TAS		380.9	3.61	m_e	mb	5.9
ROTZ	70.48		P	11:29:50.663	-0.0	271.0		6.16		TAS		7.6	1.10	m_e	mb	4.7

STU	68.52	P	11:29:39.690	271.0	6.16	TAS	69.6	0.54	m_e	mb	6.1
TANN	70.62	P	11:29:51.661	-0.2 271.0	6.16	TAS	26.0	1.11	m_e	mb	5.3
TNS	68.05	P	11:29:35.669	-0.1 271.0	6.16	TAS	66.3	1.24	m_e	mb	5.7
UBBA	69.05	P	11:29:42.286	-0.5 271.0	6.16	TAS	44.1	1.62	m_e	mb	5.4
WET	70.94	P	11:29:53.826	271.0	6.16	TAS	21.5	1.21	m_e	mb	5.2
WLF	66.55	P	11:29:26.671	0.2 271.0	6.16	TAS	53.3	1.07	m_e	mb	5.7

Event 107006 Near coast of Nicaragua

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/07	19:08:54.11			12.1420	-87.4260				210.6	12.3		24		83.15	88.15	m i ke	BGR
	107012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	107012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	84.83		P	19:21:05.060	-0.2	284.4		4.86		TAS		14.3	1.05	m_e	mb 5.1
BFO	84.83		pP	19:21:53.693						T__				m_e	
BRG	87.73		P	19:21:19.844		284.4		4.86		TAS		19.1	1.54	m_e	mb 5.2
BRG	87.73		pP	19:22:11.213						T__				m_e	
BSEG	84.80		P	19:21:05.832	0.7	284.4		4.86		TAS		11.4	1.14	m_e	mb 5.0
BSEG	84.80		pP	19:21:55.664						T__				m_e	
BUG	83.52		P	19:20:59.099	0.1	284.4		4.86		TAS		18.8	0.91	m_e	mb 5.3
BUG	83.52		pP	19:21:49.163						T__				m_e	
CLL	87.04		P	19:21:15.566		284.4		4.86		TAS		18.0	1.01	m_e	mb 5.2
CLL	87.04		pP	19:22:07.533						T__				m_e	
CLZ	85.32		P	19:21:08.206	0.1	284.4		4.86		TAS		21.3	1.01	m_e	mb 5.3
CLZ	85.32		pP	19:21:59.307						T__				m_e	
FLT1	85.72		P	19:21:09.731	-0.4	284.4		4.86		TAS		16.0	1.03	m_e	mb 5.1
FLT1	85.72		pP	19:22:00.566						T__				m_e	
GEC2	88.15		P	19:21:20.788		284.4		4.86		TAS		25.3	1.49	m_e	mb 5.3
GEC2	88.15		pP	19:22:13.368						T__				m_e	
GRA1	86.36		P	19:21:13.333	-0.2	284.4		4.86		TAS		18.6	0.98	m_e	mb 5.2
GRA1	86.36		pP	19:22:04.403						T__				m_e	
GTTG	85.14		P	19:21:07.655	0.8	284.4		4.86		TAS		16.9	0.83	m_e	mb 5.3
GTTG	85.14		pP	19:21:59.402						T__				m_e	
HLG	83.35		P	19:20:56.819	-1.2	284.4		4.86		TAS		266.9	1.26	m_e	mb 6.3
HLG	83.35		pP	19:21:50.654						T__				m_e	
IBBN	83.64		P	19:20:59.587	0.0	284.4		4.86		TAS		33.8	1.20	m_e	mb 5.5
IBBN	83.64		pP	19:21:50.343						T__				m_e	
KAST	84.27		P	19:21:01.899	-0.7	284.4		4.86		TAS		29.4	1.58	m_e	mb 5.3
KAST	84.27		pP	19:21:53.362						T__				m_e	
MANZ	86.84		P	19:21:15.598	-0.7	284.4		4.86		TAS		3.4	0.98	m_e	mb 4.4
MANZ	86.84		pP	19:22:06.888						T__				m_e	
MOX	86.37		P	19:21:12.009	-0.5	284.4		4.86		TAS		13.1	0.99	m_e	mb 5.0

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Station	Mag	Type	Time	Lat	Long	Depth	Err	Def	SNR	Amp	Per	Qual	Magnitude
MOX	86.37	pP	19:22:04.309					T__				m_e	
NEUB	86.33	pP	19:22:05.006					T__				m_e	
PLN	86.75	P	19:21:14.229	0.4	284.4	4.86		TAS	7.6	0.89	m_e mb	4.8	
PLN	86.75	pP	19:22:06.196					T__				m_e	
RETH	84.51	P	19:21:04.447	0.7	284.4	4.86		TAS	18.2	1.00	m_e mb	5.3	
RETH	84.51	pP	19:21:55.438					T__				m_e	
RJOB	87.88	P	19:21:20.379		284.4	4.86		TAS	15.1	1.19	m_e mb	5.2	
RJOB	87.88	pP	19:22:11.716					T__				m_e	
ROTZ	86.96	P	19:21:15.519		284.4	4.86		TAS	4.0	1.09	m_e mb	4.5	
ROTZ	86.96	pP	19:22:07.517					T__				m_e	
TANN	86.95	P	19:21:15.313		284.4	4.86		TAS	27.1	1.02	m_e mb	5.3	
TANN	86.95	pP	19:22:07.580					T__				m_e	
TNS	84.50	P	19:21:03.813	0.1	284.4	4.86		TAS	14.6	0.88	m_e mb	5.2	
TNS	84.50	pP	19:21:54.778					T__				m_e	
UBBA	85.33	pP	19:22:00.974					T__				m_e	
UBR	86.13	P	19:21:12.269	0.5	284.4	4.86		TAS	14.0	0.93	m_e mb	5.1	
WET	87.55	P	19:21:18.633		284.4	4.86		TAS	27.0	1.12	m_e mb	5.5	
WET	87.55	pP	19:22:10.647					T__				m_e	
WLF	83.15	P	19:20:57.183	-0.0	284.4	4.86		TAS	30.9	1.07	m_e mb	5.5	
WLF	83.15	pP	19:21:47.891					T__				m_e	

Event 107007 New Britain, Papua New Guinea, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/07 19:11:36.90 -5.1100 151.1700 130.0 25 121.88 126.69 m i ke EMSC
 107039

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	126.56		PKPdf	19:30:24.578		50.8		1.89		TAS				m_e	
BRG	122.12		PKPdf	19:30:16.506	0.5	50.8		1.89		TAS				m_e	
BSEG	121.88		PKPdf	19:30:16.821	0.0	50.8		1.89		TAS				m_e	
BUG	124.94		PKPdf	19:30:21.458	-0.2	50.8		1.89		TAS				m_e	
CLL	122.33		PKPdf	19:30:16.681	-0.1	50.8		1.89		TAS				m_e	
CLZ	123.25		PKPdf	19:30:19.918	1.5	50.8		1.89		TAS				m_e	
FLT1	122.53		PKPdf	19:30:17.101	-0.2	50.8		1.89		TAS				m_e	
FUR	125.16		PKPdf	19:30:22.076		50.8		1.89		TAS				m_e	
GEC2	123.46		PKPdf	19:30:18.536		50.8		1.89		TAS				m_e	
GRA1	124.22		PKPdf	19:30:18.413	-0.3	50.8		1.89		TAS				m_e	
GTTG	123.64		PKPdf	19:30:20.600	0.1	50.8		1.89		TAS				m_e	
IBBN	124.12		PKPdf	19:30:21.073	-1.0	50.8		1.89		TAS				m_e	
KAST	124.58		PKPdf	19:30:21.265	0.3	50.8		1.89		TAS				m_e	
MANZ	123.59		PKPdf	19:30:19.620	-0.2	50.8		1.89		TAS				m_e	
MOX	123.43		PKPdf	19:30:18.763	-1.9	50.8		1.89		TAS				m_e	
NEUB	123.00		PKPdf	19:30:19.830	0.7	50.8		1.89		TAS				m_e	

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PLN	123.26	PKPdf	19:30:18.553	-0.1	50.8	1.89	TAS	m_e
RETH	123.11	PKPdf	19:30:18.343	0.9	50.8	1.89	TAS	m_e
RJOB	124.60	PKPdf	19:30:20.152		50.8	1.89	TAS	m_e
STU	125.84	PKPdf	19:30:24.439		50.8	1.89	TAS	m_e
TANN	123.15	PKPdf	19:30:18.641	-0.0	50.8	1.89	TAS	m_e
TNS	125.23	PKPdf	19:30:23.295	1.0	50.8	1.89	TAS	m_e
UBR	126.07	PKPdf	19:30:23.278		50.8	1.89	TAS	m_e
WET	123.71	PKPdf	19:30:19.113		50.8	1.89	TAS	m_e
WLF	126.69	PKPdf	19:30:25.902	-0.5	50.8	1.89	TAS	m_e

Event 108001 Windward Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/08	14:01:33.58			14.2030	-61.7070				33.0			28		64.99	70.07	m i ke	BGR
	108007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	108007
Ms	4.6		BGR	108007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	68.10		P	14:12:30.691	0.5	266.4		6.27		TAS		40.7	1.00	m_e	mb 5.6
BFO	66.26		P	14:12:18.498		266.4		6.27		TAS		46.5	1.78	m_e	mb 5.4
BRG	70.07		P	14:12:42.580	-0.3	266.4		6.27		TAS		24.3	0.90	m_e	mb 5.3
BSEG	68.06		P	14:12:30.029	0.3	266.4		6.27		TAS		18.1	0.84	m_e	mb 5.3
CLL	69.49		P	14:12:38.931	-0.1	266.4		6.27		TAS		44.8	1.10	m_e	mb 5.6
CLZ	67.89		P	14:12:29.205	-0.1	266.4		6.27		TAS		24.1	0.81	m_e	mb 5.5
FLT1	68.47		P	14:12:32.097	0.2	266.4		6.27		TAS		19.6	0.70	m_e	mb 5.5
GEC2	69.85		P	14:12:41.044	1.1	266.4		6.27		TAS		24.1	1.24	m_e	mb 5.2
GOR1	68.56		P	14:12:33.018	-0.2	266.4		6.27		TAS		42.6	1.17	m_e	mb 5.6
GRA1	68.27		P	14:12:31.232	-0.2	266.4		6.27		TAS		25.1	1.15	m_e	mb 5.3
GRA1	68.27		L	14:59:40.999						T__		396.5	21.10	a_e	Ms 4.6
GTTG	67.61		P	14:12:27.692	-0.1	266.4		6.27		TAS		25.8	0.95	m_e	mb 5.4
IBBN	66.34		P	14:12:19.251	0.4	266.4		6.27		TAS		79.1	1.15	m_e	mb 5.8
KAST	66.61		P	14:12:20.836	-0.4	266.4		6.27		TAS		17.4	0.93	m_e	mb 5.3
MANZ	68.86		P	14:12:35.397	-0.2	266.4		6.27		TAS		11.3	1.07	m_e	mb 5.0
MOX	68.58		P	14:12:33.101	0.1	266.4		6.27		TAS		10.3	0.81	m_e	mb 5.1
MOX	68.58		L	14:45:56.634						T__		321.5	19.20	a_e	Ms 4.6
NEUB	68.71		P	14:12:34.222	-0.3	266.4		6.27		TAS		29.2	0.83	m_e	mb 5.5
PLN	68.92		P	14:12:35.188	0.3	266.4		6.27		TAS		5.4	0.65	m_e	mb 4.9
RETH	67.36		P	14:12:25.842	0.1	266.4		6.27		TAS		39.8	1.34	m_e	mb 5.5
RJOB	69.22		P	14:12:38.434		266.4		6.27		TAS		5.5	0.64	m_e	mb 4.9
ROTZ	68.91		P	14:12:35.375	-0.1	266.4		6.27		TAS		8.0	1.47	m_e	mb 4.7
RUE	70.03		P	14:12:42.132	-0.4	266.4		6.27		TAS		74.0	0.65	m_e	mb 6.0
STU	66.87		P	14:12:22.420	0.1	266.4		6.27		TAS		95.0	0.79	m_e	mb 6.1
TANN	69.11		P	14:12:36.492	-0.1	266.4		6.27		TAS		35.2	1.37	m_e	mb 5.4

TNS	66.53	P	14:12:20.606	-0.1	266.4	6.27	TAS	43.9	0.91	m_e	mb	5.7
UBBA	67.57	P	14:12:26.607	-0.2	266.4	6.27	TAS	14.5	1.36	m_e	mb	5.0
UBR	67.40	P	14:12:26.009		266.4	6.27	TAS	11.3	0.87	m_e	mb	5.1
WET	69.32	P	14:12:37.852	-0.3	266.4	6.27	TAS	24.8	1.16	m_e	mb	5.3
WLF	64.99	P	14:12:10.687	-0.3	266.4	6.27	TAS	40.4	0.80	m_e	mb	5.7

Event 109002 Eastern Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/09	08:38:12.10			61.0500	168.8050				23.6			30		63.12	70.26	m i ke	BGR
	109008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	109008
Ms	6.4		BGR	109008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	65.82		P	08:48:51.505	-0.9	11.5		6.30		TAS		223.2	1.66	m_e	mb	6.1
ASSE	65.82		pP	08:48:58.176						T__				m_e		
BFO	69.84		P	08:49:15.234	-0.1	11.5		6.30		TAS		43.5	1.02	m_e	mb	5.5
BRG	66.62		P	08:48:55.833	0.3	11.5		6.30		TAS		39.6	1.15	m_e	mb	5.5
BSEG	64.09		P	08:48:39.812	0.4	11.5		6.30		TAS		39.2	1.11	m_e	mb	5.5
BUG	66.89		P	08:48:58.197	-1.3	11.5		6.30		TAS		94.2	1.26	m_e	mb	5.9
CLL	66.33		P	08:48:52.981	0.2	11.5		6.30		TAS		73.8	1.25	m_e	mb	5.8
CLZ	66.14		P	08:48:52.209	-0.5	11.5		6.30		TAS		269.5	1.53	m_e	mb	6.2
FLT1	65.56		P	08:48:49.012	0.4	11.5		6.30		TAS		69.9	1.29	m_e	mb	5.7
FUR	69.64		P	08:49:15.673	-0.4	11.5		6.30		TAS		93.7	1.30	m_e	mb	5.8
GEC2	68.63		P	08:49:08.759	-1.1	11.5		6.30		TAS		45.6	0.97	m_e	mb	5.7
GOR1	64.90		P	08:48:45.705	0.2	11.5		6.30		TAS		192.1	1.36	m_e	mb	6.2
GRA1	68.15		P	08:49:07.174	0.3	11.5		6.30		TAS		18.3	1.15	m_e	mb	5.2
GRA1	68.15		L	09:20:38.559						T__		26081.4	19.90	a_e	Ms	6.5
GTTG	66.48		P	08:48:54.760	0.6	11.5		6.30		TAS		81.8	1.08	m_e	mb	5.9
IBBN	65.98		P	08:48:51.998	-0.4	11.5		6.30		TAS		133.1	1.06	m_e	mb	6.1
KAST	67.00		P	08:48:58.566	0.5	11.5		6.30		TAS		102.6	1.29	m_e	mb	5.9
MANZ	67.74		P	08:49:02.406	0.3	11.5		6.30		TAS		12.1	1.34	m_e	mb	5.0
MOX	67.16		P	08:49:00.745	-0.4	11.5		6.30		TAS		40.8	0.98	m_e	mb	5.6
MOX	67.16		L	09:19:05.857						T__		22549.2	21.40	a_e	Ms	6.4
NEUB	66.60		P	08:48:56.459	-0.2	11.5		6.30		TAS		138.6	1.60	m_e	mb	5.9
PLN	67.24		P	08:48:59.630	0.2	11.5		6.30		TAS		45.7	1.69	m_e	mb	5.4
RETH	65.38		P	08:48:48.409	-0.0	11.5		6.30		TAS		149.1	1.67	m_e	mb	6.0
RGN	63.12		P	08:48:34.078	0.0	11.5		6.30		TAS		300.3	1.42	m_e	mb	6.2
RJOB	69.85		P	08:49:16.375		11.5		6.30		TAS		33.4	1.13	m_e	mb	5.4
ROTZ	67.94		P	08:49:04.725	-0.2	11.5		6.30		TAS		23.6	1.49	m_e	mb	5.2
RUE	65.08		P	08:48:46.389	0.1	11.5		6.30		TAS		98.4	1.26	m_e	mb	5.9
TANN	67.27		P	08:49:00.487	0.0	11.5		6.30		TAS		91.8	1.46	m_e	mb	5.8
TNS	67.96		P	08:49:04.535	-0.8	11.5		6.30		TAS		87.5	1.55	m_e	mb	5.8

UBBA	67.19	P	08:48:59.982	1.2	11.5	6.30	TAS	127.5	1.64	m_e	mb	5.9
UBR	70.26	P	08:49:18.711		11.5	6.30	TAS	56.8	1.03	m_e	mb	5.6
WET	68.46	P	08:49:07.952	0.0	11.5	6.30	TAS	146.8	1.51	m_e	mb	6.0
WLF	68.76	P	08:49:09.194	1.4	11.5	6.30	TAS	94.6	1.28	m_e	mb	5.9

Event 111001 Puerto Rico region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/11	12:54:50.32			18.2400	-66.2480				10.0			26		64.96	69.93	m i ke	BGR
	111007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	111007
Ms	5.7		BGR	111007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	67.82		P	13:05:48.350	-0.2	272.8		6.28		TAS		161.5	1.28	m_e	mb	6.1
BFO	66.40		P	13:05:38.612		272.8		6.28		TAS		36.4	1.18	m_e	mb	5.5
BRG	69.92		P	13:06:01.096	-0.1	272.8		6.28		TAS		72.9	1.06	m_e	mb	5.7
BUG	65.71		P	13:05:34.372	-0.1	272.8		6.28		TAS		150.4	1.58	m_e	mb	6.0
CLL	69.30		P	13:05:57.119	-0.2	272.8		6.28		TAS		80.4	1.26	m_e	mb	5.8
CLZ	67.64		P	13:05:46.906	0.0	272.8		6.28		TAS		121.5	1.41	m_e	mb	5.9
FLT1	68.16		P	13:05:49.759	-0.2	272.8		6.28		TAS		149.6	1.57	m_e	mb	6.0
FUR	68.37		P	13:05:51.797		272.8		6.28		TAS		105.9	1.02	m_e	mb	6.0
GEC2	69.93		P	13:06:01.172		272.8		6.28		TAS		95.0	1.44	m_e	mb	5.7
GOR1	68.18		P	13:05:51.276		272.8		6.28		TAS		138.7	1.52	m_e	mb	6.0
GRA1	68.26		P	13:05:50.911	0.7	272.8		6.28		TAS		102.3	1.43	m_e	mb	5.9
GRA1	68.26		L	13:36:50.045						T__		3867.2	18.60	a_e	Ms	5.7
IBBN	66.02		P	13:05:36.869	-0.3	272.8		6.28		TAS		128.1	1.15	m_e	mb	6.0
KAST	66.42		P	13:05:39.090	-0.2	272.8		6.28		TAS		52.6	1.11	m_e	mb	5.7
MANZ	68.81		P	13:05:54.239	0.0	272.8		6.28		TAS		30.2	1.02	m_e	mb	5.5
MOX	68.46		L	13:32:56.427						T__		4871.6	19.70	a_e	Ms	5.7
NEUB	68.54		P	13:05:52.511	0.1	272.8		6.28		TAS		101.7	1.04	m_e	mb	6.0
PLN	68.82		P	13:05:54.141	0.1	272.8		6.28		TAS		25.5	1.30	m_e	mb	5.3
RETH	67.01		P	13:05:43.238	0.4	272.8		6.28		TAS		135.4	1.47	m_e	mb	6.0
RJOB	69.42		P	13:05:58.750		272.8		6.28		TAS		24.6	0.92	m_e	mb	5.4
ROTZ	68.89		P	13:05:54.749	-0.5	272.8		6.28		TAS		23.1	1.21	m_e	mb	5.3
RUE	69.71		P	13:05:59.796	0.1	272.8		6.28		TAS		101.8	1.21	m_e	mb	5.8
STU	66.96		P	13:05:42.677		272.8		6.28		TAS		224.5	1.17	m_e	mb	6.3
TANN	69.01		P	13:05:55.313	-0.1	272.8		6.28		TAS		74.1	1.20	m_e	mb	5.8
TNS	66.45		P	13:05:39.577	-0.2	272.8		6.28		TAS		98.5	1.11	m_e	mb	6.0
UBBA	67.43		P	13:05:45.495	-0.1	272.8		6.28		TAS		144.9	1.84	m_e	mb	5.9
UBR	67.62		P	13:05:46.719		272.8		6.28		TAS		123.5	1.83	m_e	mb	5.8
WET	69.37		P	13:05:57.738	0.0	272.8		6.28		TAS				m_e		
WLF	64.96		P	13:05:30.225	0.3	272.8		6.28		TAS		99.9	1.16	m_e	mb	5.9

Event 112002 Southwestern Kashmir
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/12 05:23:56.20 34.9700 74.4700 10.0 47.63 47.63 m i ke EMSC
 112034

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 112008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 47.63 P 05:32:32.495 83.0 6.42 TAS 13.0 0.82 m_e mb 5.1

Event 113002 Eastern Honshu, Japan
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/13 19:53:48.40 36.0400 139.8900 52.0 83.31 83.31 m i ke EMSC
 113034

Magnitude Err Nsta Author OrigID
 mb 5.3 BGR 113008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 83.31 P 20:06:09.323 39.6 4.58 TAS 27.2 1.39 m_e mb 5.3

Event 115001 South of Fiji Islands
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/15 00:14:19.20 -23.7200 -179.9900 512.0 152.63 152.63 m i ke NEIC
 115040

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 152.63 PKP 00:33:29.319 22.8 3.66 TAS m_e

Event 115004 Hokkaido, Japan, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author

OrigID
2020/01/15 11:31:35.80 42.9200 145.1600 90.0 79.34 79.34 m i ke EMSC
115036

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 115010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 79.34 P 11:43:32.187 32.6 4.63 TAS 24.9 1.05 m_e mb 5.2

Event 116002 Southern Xinjiang, China
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/01/16 08:32:48.76 41.3000 82.3000 13.8 1.2 13 46.78 51.06 m i ke BGR
116008

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 116008
Ms 5.2 BGR 116008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BFO 51.06 P 08:41:47.949 72.0 7.68 TAS 28.9 1.05 m_e mb 5.1
BFO 51.06 pP 08:41:51.362 T__ m_e
BRG 46.78 P 08:41:15.169 72.0 7.68 TAS 22.5 1.08 m_e mb 5.2
CLL 47.23 P 08:41:18.555 -0.0 72.0 7.68 TAS 33.2 0.97 m_e mb 5.4
GEC2 47.53 P 08:41:21.420 72.0 7.68 TAS 14.4 1.07 m_e mb 5.0
GOR1 47.77 P 08:41:23.062 -0.4 72.0 7.68 TAS 103.1 1.30 m_e mb 5.8
GRA1 48.80 P 08:41:31.335 72.0 7.68 TAS 53.6 0.93 m_e mb 5.6
GRA1 48.80 L 09:03:47.704 T__ 3046.4 18.40 a_e Ms 5.3
GTTG 48.98 P 08:41:32.698 0.4 72.0 7.68 TAS 63.9 1.00 m_e mb 5.6
MANZ 48.17 P 08:41:26.184 72.0 7.68 TAS 5.4 1.20 m_e mb 4.5
MOX 48.27 P 08:41:26.777 72.0 7.68 TAS 27.2 1.12 m_e mb 5.3
MOX 48.27 L 09:03:29.337 T__ 2322.3 19.00 a_e Ms 5.2
PLN 47.98 pP 08:41:28.306 T__ m_e
ROTZ 48.17 P 08:41:26.184 72.0 7.68 TAS 8.2 1.35 m_e mb 4.7
TANN 47.82 P 08:41:23.237 72.0 7.68 TAS 25.1 1.02 m_e mb 5.3
UBR 50.18 P 08:41:41.286 72.0 7.68 TAS 43.8 0.92 m_e mb 5.4
UBR 50.18 pP 08:41:45.348 T__ m_e
WET 47.95 P 08:41:24.696 72.0 7.68 TAS 17.9 1.02 m_e mb 5.1

Event 116003 North of Ascension Island
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID

2020/01/16 09:58:16.60 -0.8360 -16.0570 33.0 21 53.35 58.80 m i ke BGR 116009

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 116009
Ms 5.0 BGR 116009

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for various stations like BFO, BRG, BSEG, etc.

Event 116004 Near east coast of Kamchatka Peninsula, Russia
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/01/16 16:31:26.94 53.6990 158.0680 38.6 17 68.25 74.73 m i ke BGR 116010

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 116010
Ms 5.2 BGR 116010

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for stations ASSE, BRG, BSEG.

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CLL	71.34	P	16:42:39.143	1.6	19.8	5.93	TAS	49.6	1.23	m_e	mb	5.5
CLZ	71.41	P	16:42:40.374	-0.3	19.8	5.93	TAS	30.3	0.97	m_e	mb	5.4
FLT1	70.77	P	16:42:35.753	-0.7	19.8	5.93	TAS	13.2	0.64	m_e	mb	5.2
GEC2	73.48	P	16:42:52.111		19.8	5.93	TAS	10.1	0.82	m_e	mb	5.0
GRA1	73.26	P	16:42:53.228		19.8	5.93	TAS	25.6	0.89	m_e	mb	5.4
GRA1	73.26	L	17:21:11.738				T__	1655.7	18.70	a_e	Ms	5.3
IBBN	71.49	P	16:42:39.768	0.2	19.8	5.93	TAS	31.3	0.92	m_e	mb	5.4
KAST	72.42	P	16:42:46.037	2.1	19.8	5.93	TAS	15.8	1.05	m_e	mb	5.1
KAST	72.42	pP	16:42:57.045				T__			m_e		
MOX	72.27	P	16:42:45.068		19.8	5.93	TAS	10.1	0.67	m_e	mb	5.1
MOX	72.27	L	17:20:23.649				T__	1072.7	19.10	a_e	Ms	5.1
NEUB	71.72	P	16:42:41.700	-0.5	19.8	5.93	TAS	18.5	0.96	m_e	mb	5.2
PLN	72.30	P	16:42:47.097		19.8	5.93	TAS	5.2	1.06	m_e	mb	4.6
RGN	68.25	P	16:42:21.839	0.4	19.8	5.93	TAS	81.7	0.86	m_e	mb	6.0
RJOB	74.73	P	16:42:59.324		19.8	5.93	TAS	27.7	1.37	m_e	mb	5.1
RUE	70.08	P	16:42:32.593	-0.1	19.8	5.93	TAS	24.1	0.75	m_e	mb	5.4
WET	73.40	P	16:42:51.505		19.8	5.93	TAS	12.5	0.83	m_e	mb	5.1

Event 117004 Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/17	02:07:21.17			16.0970	-95.5290				33.0			17		85.24	90.13	m i ke	BGR
	117010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	117010
Ms	4.8		BGR	117010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	87.04		P	02:20:03.874	0.3	293.0		4.74		TAS		17.3	0.96	m_e	mb	5.2
BFO	87.04		P	02:20:01.848	-0.7	293.0		4.74		TAS		9.8	0.92	m_e	mb	4.9
BRG	89.42		P	02:20:13.529		293.0		4.74		TAS		5.2	0.90	m_e	mb	4.8
BSEG	86.16		P	02:19:58.290	0.8	293.0		4.74		TAS		12.6	0.91	m_e	mb	5.0
BUG	85.32		P	02:19:55.226	-0.5	293.0		4.74		TAS		23.6	1.22	m_e	mb	5.3
CLZ	86.98		P	02:20:03.414	1.2	293.0		4.74		TAS		17.7	1.07	m_e	mb	5.1
FLT1	87.28		P	02:20:04.047	-0.0	293.0		4.74		TAS		9.3	0.97	m_e	mb	4.9
GEC2	90.13		P	02:20:17.907		293.0		4.74		TAS		6.5	0.97	m_e	mb	4.8
GRA1	88.30		L	03:00:03.680						T__		524.1	20.60	a_e	Ms	4.9
GTTG	86.85		P	02:20:02.202	-0.2	293.0		4.74		TAS		22.4	0.94	m_e	mb	5.3
MOX	88.16		L	02:59:59.426						T__		373.1	21.30	a_e	Ms	4.8
RJOB	90.04		P	02:20:17.324		293.0		4.74		TAS		4.8	0.86	m_e	mb	4.7
ROTZ	88.86		P	02:20:12.677		293.0		4.74		TAS		0.6	0.84	m_e	mb	3.9
STU	87.42		P	02:20:06.109	0.1	293.0		4.74		TAS		61.7	0.85	m_e	mb	5.8
TANN	88.75		P	02:20:11.882		293.0		4.74		TAS		5.7	0.88	m_e	mb	4.8
TNS	86.44		P	02:19:59.831	-1.3	293.0		4.74		TAS		34.3	0.90	m_e	mb	5.5
UBR	88.39		P	02:20:09.790		293.0		4.74		TAS		13.2	0.99	m_e	mb	5.2

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WET	89.51	P	02:20:14.430	293.0	4.74	TAS	6.3	0.82	m_e	mb	4.9
WLF	85.24	P	02:19:54.493	0.3 293.0	4.74	TAS	11.4	0.83	m_e	mb	5.1

Event 117013 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/17	17:47:27.46	0.84	3.19	37.2300	22.8180	91.2	35.6	49	10.0			22	338	12.83	18.81	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	15.34		S	17:53:22.735	-5.6					T__					m_e
BFO	15.34		P	17:51:06.169		141.8		14.29		TAS					m_e
BRG	15.04		P	17:50:58.190		141.8		14.29		TAS					m_e
BSEG	18.81		P	17:51:47.388		141.8		14.29		TAS					m_e
CLL	15.71		P	17:51:12.707		141.8		14.29		TAS					m_e
CLZ	17.05		P	17:51:28.441		141.8		14.29		TAS					m_e
FLT1	17.16		P	17:51:29.829		141.8		14.29		TAS					m_e
GEC2	13.37		S	17:52:47.346	2.9					T__					m_e
GEC2	13.37		P	17:50:32.858	2.6	141.8		14.29		TAS					m_e
GRA1	15.01		P	17:51:05.235		141.8		14.29		TAS					m_e
GTTG	16.97		P	17:51:28.007		141.8		14.29		TAS					m_e
KAST	17.32		P	17:51:29.193		141.8		14.29		TAS					m_e
MANZ	14.90		P	17:50:59.943	-0.6	141.8		14.29		TAS					m_e
MOX	15.62		P	17:51:04.089		141.8		14.29		TAS					m_e
NEUB	16.02		P	17:51:18.062		141.8		14.29		TAS					m_e
RJOB	12.83		S	17:52:29.290	0.2					T__					m_e
RJOB	12.83		P	17:50:24.453	-4.5	141.8		14.29		TAS		15.0	0.65		m_e
ROTZ	14.69		P	17:50:54.070	-0.0	141.8		14.29		TAS					m_e
RUE	16.51		P	17:51:24.107		141.8		14.29		TAS					m_e
TANN	15.13		P	17:51:00.254		141.8		14.29		TAS					m_e
TNS	16.59		P	17:51:23.291		141.8		14.29		TAS					m_e
UBBA	16.38		P	17:51:20.054		141.8		14.29		TAS					m_e
UBR	14.02		S	17:52:58.864	2.3					T__					m_e
UBR	14.02		P	17:50:46.859	0.3	141.8		14.29		TAS					m_e
WET	13.93		P	17:50:41.214	-4.6	141.8		14.29		TAS					m_e
WLF	17.30		P	17:51:29.655		141.8		14.29		TAS					m_e

Event 118002 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/18	14:07:44.72			61.4070	-25.5370				33.0			31		21.17	26.49	m i ke	BGR

118008

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	118008
Ms	3.9		BGR	118008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	21.63		P	14:12:27.425	-0.4	313.9		9.81		TAS				m_e	
BFO	23.15		P	14:12:47.789		313.9		9.81		TAS				m_e	
CLZ	21.67		P	14:12:29.547	-0.8	313.9		9.81		TAS				m_e	
DPC	25.52		P	14:13:05.981		313.9		9.81		TAS		19.1	0.93	m_e	mb 4.7
FLT1	21.77		P	14:12:27.798	-0.3	313.9		9.81		TAS				m_e	
GEC2	25.27		P	14:13:05.014		313.9		9.81		TAS		3.2	0.97	m_e	mb 4.0
GRA1	23.52		L	14:30:55.739						T__		380.2	21.70	a_e	Ms 3.8
GRZ1			P	14:12:45.227		313.9		9.81		TAS				m_e	
GUNZ	23.58		P	14:12:48.302		313.9		9.81		TAS				m_e	
HKWD	23.24		P	14:12:43.697	-1.1	313.9		9.81		TAS				m_e	
KAST	21.17		P	14:12:28.387	-0.8	313.9		9.81		TAS				m_e	
KHC	25.01		P	14:13:02.675		313.9		9.81		TAS		2.6	0.97	m_e	mb 3.9
KSP	25.15		P	14:13:00.649		313.9		9.81		TAS		4.4	0.82	m_e	mb 4.2
MANZ	23.73		P	14:12:50.247		313.9		9.81		TAS		1.2	0.88	m_e	mb 3.5
MLFH	23.17		P	14:12:43.148	5.0	313.9		9.81		TAS				m_e	
MORC	26.45		P	14:13:14.342		313.9		9.81		TAS		33.3	1.04	m_e	mb 4.9
MOX	23.05		P	14:12:43.731	-0.4	313.9		9.81		TAS				m_e	
MOX	23.05		L	14:31:34.890						T__		564.7	20.80	a_e	Ms 4.0
MULD	23.58		P	14:12:47.827		313.9		9.81		TAS				m_e	
NEUB	22.76		P	14:12:40.017	-1.7	313.9		9.81		TAS				m_e	
POSS	22.24		P	14:12:34.578	-0.6	313.9		9.81		TAS				m_e	
PVCC	24.53		P	14:12:56.507		313.9		9.81		TAS		10.4	1.03	m_e	mb 4.5
RJOB	25.64		P	14:13:09.425		313.9		9.81		TAS		6.0	0.82	m_e	mb 4.3
ROTZ	23.93		P	14:12:53.285		313.9		9.81		TAS		0.7	0.88	m_e	mb 3.2
SCHF	23.40		P	14:12:45.982		313.9		9.81		TAS				m_e	
SUW	26.49		P	14:13:09.636		313.9		9.81		TAS		209.2	1.04	m_e	mb 5.7
TANN	23.61		P	14:12:48.066		313.9		9.81		TAS				m_e	
TNS	21.85		P	14:12:34.998	-0.8	313.9		9.81		TAS				m_e	
VITZ	22.17		P	14:12:35.091	0.0	313.9		9.81		TAS				m_e	
WERD	23.51		P	14:12:47.563		313.9		9.81		TAS				m_e	
WERN	23.65		P	14:12:48.721		313.9		9.81		TAS		4.7	0.82	m_e	mb 4.1
WET	24.68		P	14:13:00.353		313.9		9.81		TAS		4.6	0.95	m_e	mb 4.2
WIMM	22.42		P	14:12:36.185	-0.8	313.9		9.81		TAS				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
118003	2020/01/18	14:17:42.07			64.1170	-23.8040				33.0			18		21.25	25.74	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	118009
Ms	3.9		BGR	118009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	21.48		P	14:22:26.305	-0.9	321.0		9.78		TAS		11.7	0.97	m_e	mb	4.2
BFO	23.48		P	14:22:46.282		321.0		9.78		TAS		6.3	1.18	m_e	mb	4.0
BRG	23.79		P	14:22:50.990		321.0		9.78		TAS		6.4	1.03	m_e	mb	4.1
CLL	23.07		P	14:22:41.462		321.0		9.78		TAS		2.5	0.80	m_e	mb	3.8
CLZ	21.57		P	14:22:27.193	0.1	321.0		9.78		TAS		7.1	0.84	m_e	mb	4.1
FLT1	21.57		P	14:22:27.460	-1.1	321.0		9.78		TAS		8.7	0.77	m_e	mb	4.2
GRA1	23.55		L	14:30:55.742						T__		380.2	21.70	a_e	Ms	3.8
GTTG	21.62		P	14:22:28.280	-0.1	321.0		9.78		TAS		10.6	0.82	m_e	mb	4.3
KAST	21.25		P	14:22:26.520	1.3	321.0		9.78		TAS		7.0	0.91	m_e	mb	4.0
MANZ	23.69		P	14:22:49.154		321.0		9.78		TAS		1.3	0.92	m_e	mb	3.5
MOX	22.98		P	14:22:41.367	-1.1	321.0		9.78		TAS		4.8	0.72	m_e	mb	4.1
MOX	22.98		L	14:31:34.861						T__		564.7	20.80	a_e	Ms	4.0
NEUB	22.63		P	14:22:40.036	0.6	321.0		9.78		TAS		13.9	0.73	m_e	mb	4.6
RJOB	25.74		P	14:23:08.297		321.0		9.78		TAS		6.1	0.74	m_e	mb	4.3
ROTZ	23.90		P	14:22:51.762		321.0		9.78		TAS		0.6	0.71	m_e	mb	3.2
RUE	22.54		P	14:22:37.699	-0.2	321.0		9.78		TAS		9.5	0.72	m_e	mb	4.4
TANN	23.51		P	14:22:46.876		321.0		9.78		TAS		5.9	0.85	m_e	mb	4.2
TNS	22.02		P	14:22:33.702	1.6	321.0		9.78		TAS		9.1	0.97	m_e	mb	4.2
UBBA	22.19		P	14:22:36.994		321.0		9.78		TAS		7.1	1.19	m_e	mb	4.0
UBR	24.70		P	14:22:59.231		321.0		9.78		TAS		3.6	0.73	m_e	mb	4.2
WET	24.66		P	14:22:58.635		321.0		9.78		TAS		3.3	0.85	m_e	mb	4.1

Event 119003 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/19	12:38:10.37	0.68	1.29	41.1550	20.4990	15.6	12.2	45	5.0			20	311	6.87	11.32	m i ke	BGR
	119009																

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	119009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	7.06		Sn	12:41:01.867	-4.2					T__				m_e	
ARSA	7.06		Pn	12:39:51.736	-0.3					T__				m_e	ML 4.0
BFO	11.23		Pn	12:40:47.054	-1.1					T__				m_e	
BIOA			Pn	12:40:06.827	-0.2					T__				m_e	
DAVA	9.78		Sn	12:42:11.290	2.0					T__				m_e	
DAVA	9.78		Pn	12:40:29.253	0.7					T__				m_e	
FETA			Sn	12:41:54.790	0.0					T__				m_e	
FETA			Pn	12:40:19.528	-0.7					T__				m_e	

KBA	7.84	Pn	12:40:02.416	-0.2	T__	m_e		
LESA		Pn	12:40:09.768	-0.4	T__	m_e		
MOA	8.04	Sn	12:41:27.756	-1.0	T__	m_e		
MOA	8.04	Pn	12:40:05.678	0.5	T__	m_e	ML	4.2
MOTA		Sn	12:41:54.479	-0.2	T__	m_e		
MOTA		Pn	12:40:20.378	0.3	T__	m_e		
MOX	11.32	Sn	12:42:48.647	3.4	T__	m_e		
NIE		Pn	12:40:09.128	0.9	T__	m_e		
OBKA	6.87	Sn	12:41:02.178	0.8	T__	m_e		
OBKA	6.87	Pn	12:39:49.301	-0.1	T__	m_e	ML	4.4
OJC	9.08	Sn	12:41:53.545	0.5	T__	m_e		
PART		Pn	12:40:21.652	0.3	T__	m_e		
PLONS	9.93	Sn	12:42:13.780	0.9	T__	m_e		
PLONS	9.93	Pn	12:40:31.365	0.7	T__	m_e		
SLE	10.82	Pn	12:40:41.268	-1.4	T__	m_e		
SQTA		Sn	12:41:50.743	-0.8	T__	m_e		
SQTA		Pn	12:40:18.790	0.5	T__	m_e		
UBR	9.88	Pn	12:40:29.400	-0.6	T__	m_e		
WTTA	8.82	Sn	12:41:44.828	-2.1	T__	m_e		
WTTA	8.82	Pn	12:40:15.372	-0.3	T__	m_e	ML	4.5
ZUGS		Sn	12:41:58.526	1.3	T__	m_e		
ZUGS		Pn	12:40:22.599	1.0	T__	m_e		

Event 119004 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/19	12:52:28.18	0.61	1.35	41.1360	20.4460	14.5	11.1	45	5.0				23 311	6.86	11.32	m i ke	BGR
	119010																

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	119010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	7.06		Sn	12:55:19.939	-3.9					T__				m_e	
ARSA	7.06		Pn	12:54:09.274	-0.6					T__				m_e	ML 4.0
BFO	11.22		Sn	12:56:58.540	-2.1					T__				m_e	
BFO	11.22		Pn	12:55:04.369	-1.4					T__				m_e	
BIOA			Pn	12:54:24.447	-0.3					T__				m_e	
DAVA	9.76		Sn	12:56:28.068	1.3					T__				m_e	
DAVA	9.76		Pn	12:54:47.589	1.4					T__				m_e	
FETA			Sn	12:56:12.051	-0.1					T__				m_e	
FETA			Pn	12:54:36.822	-0.9					T__				m_e	
GEC2	9.07		Sn	12:56:10.233	-0.3					T__				m_e	
KBA	7.83		Pn	12:54:19.661	-0.6					T__				m_e	
LESA			Sn	12:55:58.143	3.1					T__				m_e	
LESA			Pn	12:54:27.291	-0.6					T__				m_e	ML 4.2

MOA	8.03	Sn	12:55:45.166	-1.3	T__	m_e		
MOA	8.03	Pn	12:54:23.292	0.3	T__	m_e ML	4.3	
MOTA		Sn	12:56:12.680	0.5	T__	m_e		
MOTA		Pn	12:54:38.343	0.7	T__	m_e		
MOX	11.32	Pn	12:55:08.878	1.8	T__	m_e		
MOX	11.32	Sn	12:57:06.424	3.4	T__	m_e		
NIE		Sn	12:55:52.804	0.5	T__	m_e		
NIE		Pn	12:54:26.227	-0.1	T__	m_e		
OBKA	6.86	Sn	12:55:19.463	0.4	T__	m_e		
OBKA	6.86	Pn	12:54:06.748	-0.4	T__	m_e ML	4.5	
PART		Sn	12:56:15.497	1.2	T__	m_e		
PLN	10.99	Sn	12:56:55.869	0.6	T__	m_e		
PLONS	9.91	Sn	12:56:29.534	-0.7	T__	m_e		
PLONS	9.91	Pn	12:54:49.714	1.5	T__	m_e		
ROTZ	10.39	Sn	12:56:39.903	-1.4	T__	m_e		
SLE	10.81	Sn	12:56:49.401	-1.7	T__	m_e		
SLE	10.81	Pn	12:54:59.336	-0.9	T__	m_e		
SQTA		Sn	12:56:08.988	-0.0	T__	m_e		
SQTA		Pn	12:54:36.532	0.6	T__	m_e		
UBR	9.87	Pn	12:54:46.956	-0.7	T__	m_e		
WET	9.62	Pn	12:54:43.168	-1.2	T__	m_e		
WTTA	8.80	Sn	12:56:04.063	-0.4	T__	m_e		
WTTA	8.80	Pn	12:54:32.790	-0.5	T__	m_e ML	4.5	
ZUGS		Pn	12:54:40.185	0.9	T__	m_e		
ZUGS		Sn	12:56:15.776	1.1	T__	m_e		

Event 119005 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/19	13:28:05.88			38.7180	74.4560				10.0			28		43.35	48.59	m i ke	BGR
	119011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	119011
Ms	6.4		BGR	119011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	47.53		P	13:36:43.468		78.9		7.94		TAS		37.6	0.95	m_e mb	5.5
BRG	43.46		P	13:36:07.225	-1.4	78.9		7.94		TAS		45.1	0.85	m_e mb	5.2
BSEG	45.24		P	13:36:23.989	2.4	78.9		7.94		TAS		52.5	0.91	m_e mb	5.5
BUG	47.49		P	13:36:42.404		78.9		7.94		TAS		79.0	1.18	m_e mb	5.7
CLL	43.98		P	13:36:10.745	-2.0	78.9		7.94		TAS		55.9	0.75	m_e mb	5.4
CLZ	45.52		P	13:36:23.583	1.0	78.9		7.94		TAS		41.8	0.98	m_e mb	5.4
FLT1	44.92		P	13:36:17.453	-2.4	78.9		7.94		TAS		105.3	1.07	m_e mb	5.7
FUR	45.65		P	13:36:27.028	-1.2	78.9		7.94		TAS		104.6	0.83	m_e mb	5.9
GEC2	43.94		P	13:36:12.142	-0.3	78.9		7.94		TAS		65.0	0.86	m_e mb	5.4

GOR1	44.78	P	13:36:19.731	1.2	78.9	7.94	TAS	196.4	1.37	m_e	mb	5.9
GRA1	45.37	P	13:36:23.325	-1.2	78.9	7.94	TAS	108.0	0.88	m_e	mb	5.8
GRA1	45.37	L	13:57:21.748				T__	42391.2	18.10	a_e	Ms	6.4
GTTG	45.82	P	13:36:26.070	-1.4	78.9	7.94	TAS	166.8	1.00	m_e	mb	6.0
IBBN	47.03	P	13:36:37.775	2.4	78.9	7.94	TAS	81.7	0.96	m_e	mb	5.8
MANZ	44.76	P	13:36:21.431	2.4	78.9	7.94	TAS	8.2	1.06	m_e	mb	4.6
MOX	44.95	P	13:36:22.483	1.9	78.9	7.94	TAS	40.0	0.97	m_e	mb	5.3
MOX	44.95	L	13:57:04.069				T__	36352.6	18.90	a_e	Ms	6.3
NEUB	44.76	P	13:36:17.239	-1.7	78.9	7.94	TAS	72.0	0.86	m_e	mb	5.6
PLN	44.64	P	13:36:17.257	-0.8	78.9	7.94	TAS	43.4	1.73	m_e	mb	5.1
RETH	45.99	P	13:36:29.280	-0.3	78.9	7.94	TAS	33.7	1.07	m_e	mb	5.3
RGN	43.42	P	13:36:07.356	0.4	78.9	7.94	TAS	260.0	0.98	m_e	mb	5.9
ROTZ	44.73	P	13:36:21.383	2.5	78.9	7.94	TAS	17.1	1.39	m_e	mb	4.8
RUE	43.35	P	13:36:06.522	-0.9	78.9	7.94	TAS	62.9	0.99	m_e	mb	5.3
STU	46.87	P	13:36:38.746	1.9	78.9	7.94	TAS	168.9	0.90	m_e	mb	6.2
TANN	44.46	P	13:36:16.053	-0.6	78.9	7.94	TAS	50.5	1.02	m_e	mb	5.2
TNS	47.02	P	13:36:38.619	-7.4	78.9	7.94	TAS	34.2	1.05	m_e	mb	5.4
UBBA	45.93	P	13:36:26.891	1.2	78.9	7.94	TAS	44.1	0.98	m_e	mb	5.5
UBR	46.53	P	13:36:32.665	1.3	78.9	7.94	TAS	101.6	1.08	m_e	mb	5.9
WET	44.41	P	13:36:15.275	-1.0	78.9	7.94	TAS	52.1	0.95	m_e	mb	5.2
WLF	48.59	P	13:36:42.113		78.9	7.94	TAS	63.1	0.95	m_e	mb	5.6

Event 119006 South China Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/19	16:58:20.10			-0.0300	123.8000				128.0			4		101.79	106.26	m i ke	EMSC
	119038																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	119012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	104.04	P		17:12:08.640	0.3	77.2		4.98		TAS		18.8	1.13	m_e	mb	5.8
BRG	102.45	P		17:12:00.941	-0.0	77.2		4.98		TAS		31.3	1.07	m_e	mb	5.9
BSEG	103.65	P		17:12:06.881	0.1	77.2		4.98		TAS		30.4	1.00	m_e	mb	6.1
BUG	106.26	P		17:12:18.934		77.2		4.98		TAS		20.5	1.24	m_e	mb	6.0
CLL	102.90	P		17:12:02.653	-0.5	77.2		4.98		TAS		14.7	1.05	m_e	mb	5.7
CLZ	104.31	P		17:12:10.357	-0.3	77.2		4.98		TAS		30.6	1.05	m_e	mb	6.1
FLT1	103.64	P		17:12:06.057	0.3	77.2		4.98		TAS		18.5	1.05	m_e	mb	5.8
FLT1	103.64	PP		17:16:25.044						T__				m_e		
FUR	104.88	P		17:12:12.264		77.2		4.98		TAS		9.0	0.76	m_e	mb	5.8
GEC2	103.14	P		17:12:04.145	0.1	77.2		4.98		TAS		18.0	1.15	m_e	mb	5.7
GTTG	104.64	P		17:12:11.015		77.2		4.98		TAS		30.1	1.14	m_e	mb	6.1
KAST	105.67	P		17:12:16.294		77.2		4.98		TAS		16.2	1.20	m_e	mb	5.9
MANZ	103.83	P		17:12:07.604	-0.2	77.2		4.98		TAS		3.3	1.17	m_e	mb	5.0
MOX	103.93	P		17:12:07.716	0.2	77.2		4.98		TAS		21.4	1.19	m_e	mb	5.9

2020/01/24 07:09:17.95 39.1700 71.8500 33.0 20 41.55 46.68 m i ke BGR
124007

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 124007
Ms 5.3 BGR 124007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	45.59		P	07:17:34.851		81.0		8.03		TAS		94.3	1.04	m_e	mb 5.8
BRG	41.55		P	07:17:02.655	0.2	81.0		8.03		TAS		63.6	0.68	m_e	mb 5.5
BSEG	43.41		P	07:17:17.920	0.1	81.0		8.03		TAS		98.5	1.74	m_e	mb 5.2
BUG	45.62		P	07:17:35.410	-0.2	81.0		8.03		TAS		82.1	1.17	m_e	mb 5.7
FLT1	43.05		P	07:17:14.197	-0.3	81.0		8.03		TAS		71.0	0.79	m_e	mb 5.5
FUR	43.70		P	07:17:20.502		81.0		8.03		TAS		129.2	1.00	m_e	mb 5.6
GEC2	41.99		P	07:17:06.437	0.2	81.0		8.03		TAS		42.8	0.78	m_e	mb 5.2
GTTG	43.94		P	07:17:22.213	-0.2	81.0		8.03		TAS		149.5	1.06	m_e	mb 5.7
IBBN	45.17		P	07:17:31.819	-0.3	81.0		8.03		TAS		183.2	1.47	m_e	mb 5.8
MANZ	42.84		P	07:17:13.378	-0.3	81.0		8.03		TAS		8.1	1.00	m_e	mb 4.4
MOX	43.05		P	07:17:14.858	0.2	81.0		8.03		TAS		38.8	0.92	m_e	mb 5.1
MOX	43.05		L	07:38:19.987						T__		3913.4	18.70	a_e	Ms 5.3
NEUB	42.87		P	07:17:13.240	0.1	81.0		8.03		TAS		68.7	0.99	m_e	mb 5.3
RETH	44.13		P	07:17:23.614	0.1	81.0		8.03		TAS		44.6	1.30	m_e	mb 5.0
RJOB	42.78		P	07:17:12.295		81.0		8.03		TAS		26.0	1.09	m_e	mb 4.9
ROTZ	42.81		P	07:17:13.273	0.6	81.0		8.03		TAS		24.7	1.60	m_e	mb 4.7
STU	44.93		P	07:17:29.983		81.0		8.03		TAS		155.0	0.99	m_e	mb 5.9
TANN	42.55		P	07:17:10.800	-0.0	81.0		8.03		TAS		42.0	1.19	m_e	mb 5.0
UBBA	44.03		P	07:17:22.437	-0.0	81.0		8.03		TAS		126.1	2.04	m_e	mb 5.3
UBR	44.57		P	07:17:26.922		81.0		8.03		TAS		152.9	0.94	m_e	mb 5.9
WLF	46.68		P	07:17:44.183	0.1	81.0		8.03		TAS		93.4	1.00	m_e	mb 5.9

Event 124004 Turkey
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/01/24 17:55:17.89 38.6500 38.9800 20.6 25 20.82 25.80 m i ke BGR
124010

Magnitude Err Nsta Author OrigID
mb 6.8 BGR 124010
MBB 7.1 BGR 124010
Ms 6.5 BGR 124010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.11		P	18:00:31.575	-0.7	111.3		9.95		TAS		12378.5	2.41	m_e	MBB 7.3
BRG	21.45		P	18:00:05.584	-0.7	111.3		9.95		TAS		11946.3	2.45	m_e	MBB 6.9
BSEG	24.79		P	18:00:38.756	-0.1	111.3		9.95		TAS		1395.1	1.48	m_e	MBB 7.1
BUG	25.57		P	18:00:46.861		111.3		9.95		TAS		10977.2	2.60	m_e	MBB 7.1

CLL	22.17	P	18:00:12.880	-0.5	111.3	9.95	TAS	6690.4	2.03	m_e	MBB	7.1
CLZ	23.89	P	18:00:31.048	0.8	111.3	9.95	TAS	1918.5	1.28	m_e	MBB	6.9
FUR	22.16	P	18:00:12.278	0.3	111.3	9.95	TAS	3551.2	1.33	m_e	MBB	7.3
GEC2	20.82	P	17:59:58.662	-1.0	111.3	9.95	TAS	18384.0	2.65	m_e	MBB	7.0
GEC2	20.82	pP	18:00:03.674				T__	3394.6	1.52	m_e		
GTTG	24.02	P	18:00:31.222	0.6	111.3	9.95	TAS	3105.5	1.50	m_e	MBB	6.9
IBBN	25.57	P	18:00:47.126		111.3	9.95	TAS	28328.9	3.12	m_e	MBB	7.3
KAST	24.82	P	18:00:39.092	-0.5	111.3	9.95	TAS	9497.2	2.14	m_e	MBB	7.5
MANZ	22.19	P	18:00:14.545	0.9	111.3	9.95	TAS	1919.5	2.17	m_e	MBB	6.4
MOX	22.72	P	18:00:18.460	-0.5	111.3	9.95	TAS	40675.7	4.04	m_e	MBB	7.2
MOX	22.72	L	18:11:11.342				T__	165965.0	19.50	a_e	Ms	6.5
NEUB	22.84	P	18:00:20.540	0.5	111.3	9.95	TAS	23180.7	2.95	m_e	MBB	7.3
PLN	22.34	P	18:00:14.608	-0.6	111.3	9.95	TAS	2688.7	2.28	m_e	MBB	6.7
RETH	24.81	P	18:00:39.395	-1.0	111.3	9.95	TAS	6661.0	1.92	m_e	MBB	7.4
RGN	23.55	P	18:00:24.407	0.3	111.3	9.95	TAS	2477.1	1.03	m_e	MBB	7.4
ROTZ	22.06	P	18:00:11.570	-0.7	111.3	9.95	TAS	952.7	1.25	m_e	MBB	6.5
RUE	22.27	P	18:00:14.946	1.4	111.3	9.95	TAS	5066.9	1.87	m_e	MBB	7.0
STU	23.65	P	18:00:28.050	-0.3	111.3	9.95	TAS	22665.9	2.27	m_e	MBB	7.4
TANN	22.14	P	18:00:12.456	-0.7	111.3	9.95	TAS	5155.5	1.84	m_e	MBB	7.0
TNS	24.50	P	18:00:37.227	-0.0	111.3	9.95	TAS	4026.8	1.64	m_e	MBB	7.4
UBBA	23.75	P	18:00:28.792	0.5	111.3	9.95	TAS	5612.3	2.08	m_e	MBB	7.2
UBR	22.80	P	18:00:18.653	1.1	111.3	9.95	TAS	47782.5	3.41	m_e	MBB	7.4
WLF	25.80	P	18:00:47.679		111.3	9.95	TAS	457.1	1.02	m_e	MBB	6.7

Event 124005 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/24 22:56:08.50 31.4840 94.9930 33.0 28 60.60 66.03 m i ke BGR
 124011

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 124011
 Ms 4.2 BGR 124011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	62.53		P	23:06:26.756	0.2	72.5		6.67		TAS		277.0	2.82	m_e	mb 5.9
BFO	65.15		P	23:06:44.346	0.3	72.5		6.67		TAS		19.6	0.83	a_e	mb 5.4
BRG	60.90		P	23:06:16.246	-0.2	72.5		6.67		TAS		36.1	1.00	m_e	mb 5.2
BSEG	62.23		P	23:06:25.596	0.1	72.5		6.67		TAS		29.9	0.91	a_e	mb 5.5
BUG	64.75		P	23:06:41.837	-0.2	72.5		6.67		TAS		43.7	1.32	m_e	mb 5.5
CLL	61.36		P	23:06:18.996	-0.2	72.5		6.67		TAS		20.4	0.91	a_e	mb 5.0
CLZ	62.79		P	23:06:29.146	-0.1	72.5		6.67		TAS		68.9	0.88	a_e	mb 5.8
FLT1	62.14		P	23:06:23.996	0.3	72.5		6.67		TAS		44.6	1.11	a_e	mb 5.6
FUR	63.34		P	23:06:33.296	-0.2	72.5		6.67		TAS		115.2	1.01	a_e	mb 6.0
GEC2	61.60		P	23:06:21.396	-0.4	72.5		6.67		TAS		23.1	0.75	a_e	mb 5.5
GOR1	61.91		P	23:06:23.396	-0.4	72.5		6.67		TAS		45.0	1.08	a_e	mb 5.6

GTTG	63.12	P	23:06:31.296	-0.5	72.5	6.67	TAS	44.8	0.92	a_e	mb	5.6
IBBN	64.18	P	23:06:38.053	-0.4	72.5	6.67	TAS	91.3	1.56	m_e	mb	5.8
KAST	64.15	P	23:06:37.776	-0.2	72.5	6.67	TAS	10.9	0.98	m_e	mb	5.0
MANZ	62.27	P	23:06:25.661	0.3	72.5	6.67	TAS	5.0	0.93	m_e	mb	4.7
MOX	62.39	P	23:06:26.167	0.0	72.5	6.67	TAS	16.1	0.89	m_e	mb	5.3
MOX	62.39	L	23:29:36.458				T__	193.1	21.90	a_e	Ms	4.2
NEUB	62.14	P	23:06:24.446	-0.4	72.5	6.67	TAS	46.0	0.88	a_e	mb	5.7
PLN	62.10	P	23:06:24.396	-0.1	72.5	6.67	TAS	6.1	0.98	a_e	mb	4.8
RETH	63.12	P	23:06:30.979	0.0	72.5	6.67	TAS	16.8	1.01	m_e	mb	5.1
RJOB	62.50	P	23:06:27.296		72.5	6.67	TAS	31.9	0.83	a_e	mb	5.5
ROTZ	62.28	P	23:06:26.043	0.3	72.5	6.67	TAS	14.8	1.12	m_e	mb	5.1
RUE	60.60	P	23:06:13.896	-0.5	72.5	6.67	TAS	47.3	0.77	a_e	mb	5.4
STU	64.46	P	23:06:40.146	0.6	72.5	6.67	TAS	196.1	1.43	a_e	mb	6.1
TANN	61.94	P	23:06:23.346	0.0	72.5	6.67	TAS	25.1	1.03	a_e	mb	5.4
TNS	64.45	P	23:06:39.996	0.4	72.5	6.67	TAS	22.7	0.94	a_e	mb	5.4
UBBA	63.32	P	23:06:32.144	-0.1	72.5	6.67	TAS	119.6	2.26	m_e	mb	5.6
UBR	64.24	P	23:06:38.446		72.5	6.67	TAS	16.0	0.76	a_e	mb	5.3
WLF	66.03	P	23:06:50.896	-0.1	72.5	6.67	TAS	74.4	0.93	a_e	mb	5.9

Event 125001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/25	16:30:11.68			38.5300	39.3400				10.0			23		21.12	26.10	m i ke	BGR
	125007																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	125007
Ms	4.0		BGR	125007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	24.12	P		16:35:27.237	-0.1	109.5		9.97		TAS		51.3	1.86	m_e	mb	4.7
BFO	24.41	P		16:35:29.592	-0.3	109.5		9.97		TAS		106.0	1.99	m_e	mb	5.0
BRG	21.74	P		16:35:03.927	0.1	109.5		9.97		TAS		130.0	1.94	m_e	mb	5.0
BUG	25.87	P		16:35:45.040		109.5		9.97		TAS		28.6	0.99	m_e	mb	4.9
CLL	22.46	P		16:35:10.899	-0.1	109.5		9.97		TAS		61.3	1.83	m_e	mb	4.7
CLZ	24.18	P		16:35:28.099	-0.4	109.5		9.97		TAS		54.8	1.45	m_e	mb	4.9
FLT1	23.88	P		16:35:25.253	-0.0	109.5		9.97		TAS		49.1	1.73	m_e	mb	4.8
FUR	22.46	P		16:35:11.673	1.1	109.5		9.97		TAS		340.6	1.76	m_e	mb	5.5
GEC2	21.12	P		16:34:55.232	-2.7	109.5		9.97		TAS		28.7	0.96	m_e	mb	4.6
GOR1	24.12	P		16:35:26.531	-0.1	109.5		9.97		TAS		69.7	1.74	m_e	mb	4.9
GTTG	24.31	P		16:35:29.514	-0.2	109.5		9.97		TAS		91.1	1.59	m_e	mb	5.1
IBBN	25.86	P		16:35:44.680		109.5		9.97		TAS		45.0	1.54	m_e	mb	4.9
KAST	25.11	P		16:35:37.434		109.5		9.97		TAS		94.7	1.33	m_e	mb	5.3
MANZ	22.49	P		16:35:11.465	0.4	109.5		9.97		TAS		22.8	1.58	m_e	mb	4.4
MOX	23.01	P		16:35:17.356	0.7	109.5		9.97		TAS		26.2	1.32	m_e	mb	4.6
MOX	23.01	L		16:45:48.826						T__		634.7	21.50	a_e	Ms	4.0

NEUB	23.13	P	16:35:18.441	0.5	109.5	9.97	TAS	101.6	1.82	m_e	mb	5.0
PLN	22.63	P	16:35:13.504	0.6	109.5	9.97	TAS	5.3	1.04	m_e	mb	4.0
ROTZ	22.35	P	16:35:11.578	1.3	109.5	9.97	TAS	43.3	1.42	m_e	mb	4.7
TANN	22.43	P	16:35:10.712	-0.3	109.5	9.97	TAS	96.8	1.71	m_e	mb	5.0
TNS	24.80	P	16:35:34.244	-0.3	109.5	9.97	TAS	90.0	1.53	m_e	mb	5.3
UBBA	24.04	P	16:35:27.181	-0.1	109.5	9.97	TAS	90.3	1.68	m_e	mb	5.0
UBR	23.11	P	16:35:16.966	0.5	109.5	9.97	TAS	99.4	1.76	m_e	mb	5.0
WLF	26.10	P	16:35:47.001		109.5	9.97	TAS	20.7	0.89	m_e	mb	4.8

Event 125004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/25	19:19:23.50			-30.5000	-176.9900				10.0			18		157.36	162.00	m i ke	NEIC
	125099																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	125010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	161.73		PKPab	19:40:14.193		21.0		4.44		TAS				m_e		
BRG	158.07		PKPab	19:39:58.309	-0.3	21.0		4.44		TAS				m_e		
CLL	157.92		PKPab	19:39:57.501	0.4	21.0		4.44		TAS				m_e		
CLZ	157.99		PKPab	19:39:58.147	0.1	21.0		4.44		TAS				m_e		
FLT1	157.36		PKPab	19:39:54.672	-0.1	21.0		4.44		TAS				m_e		
FUR	161.26		PKPab	19:40:12.612		21.0		4.44		TAS				m_e		
GEC2	159.95		PKPab	19:40:06.425		21.0		4.44		TAS				m_e		
GTTG	158.35		PKPab	19:39:59.763	-0.1	21.0		4.44		TAS				m_e		
IBBN	157.93		PKPab	19:39:57.986	-0.1	21.0		4.44		TAS				m_e		
MANZ	159.36		PKPab	19:40:04.235		21.0		4.44		TAS				m_e		
MOX	158.87		PKPab	19:40:01.784	0.2	21.0		4.44		TAS				m_e		
MOX	158.87		L	21:06:27.409						T__		417.9	19.50	a_e	Ms	5.3
NEUB	158.32		PKPab	19:39:59.198	-0.6	21.0		4.44		TAS				m_e		
ROTZ	159.54		PKPab	19:40:05.178		21.0		4.44		TAS				m_e		
TANN	158.88		PKPab	19:40:01.945		21.0		4.44		TAS				m_e		
TNS	159.88		PKPab	19:40:06.239		21.0		4.44		TAS				m_e		
UBBA	159.04		PKPab	19:40:02.433	0.2	21.0		4.44		TAS				m_e		
UBR	162.00		PKPab	19:40:15.799		21.0		4.44		TAS				m_e		
WLF	160.71		PKPab	19:40:10.504		21.0		4.44		TAS				m_e		

Event 126001 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/26	03:57:19.96			50.9000	178.5400				33.0			30		74.20	81.30	m i ke	BGR

126007

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	126007
MBB	6.2		BGR	126007
Ms	5.1		BGR	126007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.84		P	04:09:09.028	0.1	8.3		5.54		TAS		88.0	1.21	a_e	mb	5.8
BFO	80.79		P	04:09:30.578	-0.3	8.3		5.54		TAS		43.4	1.08	a_e	mb	5.4
BRG	77.76		P	04:09:13.978	-0.1	8.3		5.54		TAS		39.5	1.10	a_e	mb	5.5
BSEG	75.07		P	04:08:59.128	-0.1	8.3		5.54		TAS		83.6	0.95	a_e	MBB	5.9
BUG	77.77		P	04:09:13.828	-0.3	8.3		5.54		TAS		86.5	1.01	a_e	mb	5.8
CLL	77.43		P	04:09:11.828	-0.4	8.3		5.54		TAS		39.9	1.15	a_e	mb	5.4
CLZ	77.15		P	04:09:11.078	0.4	8.3		5.54		TAS		127.0	1.03	a_e	MBB	6.2
FLT1	76.59		P	04:09:07.028	-0.6	8.3		5.54		TAS		77.9	0.98	a_e	mb	5.8
FUR	80.71		P	04:09:30.378	-0.1	8.3		5.54		TAS		72.3	0.99	a_e	mb	5.7
GEC2	79.79		P	04:09:25.478	0.2	8.3		5.54		TAS		34.1	1.12	a_e	mb	5.2
GOR1	75.93		P	04:09:04.228	0.3	8.3		5.54		TAS		125.6	1.12	a_e	MBB	6.2
GTTG	77.47		P	04:09:12.828	0.3	8.3		5.54		TAS		111.0	1.09	a_e	MBB	6.2
HLG	75.00		P	04:08:58.778	0.0	8.3		5.54		TAS		536.9	1.23	a_e	MBB	6.5
IBBN	76.87		P	04:09:09.328	0.2	8.3		5.54		TAS		295.5	1.04	a_e	MBB	6.5
KAST	77.93		P	04:09:15.078	0.1	8.3		5.54		TAS		51.5	1.07	a_e	mb	5.6
MANZ	78.83		P	04:09:19.978	0.0	8.3		5.54		TAS		6.6	0.98	a_e	mb	4.6
MOX	78.22		P	04:09:16.628	-0.0	8.3		5.54		TAS		47.4	1.04	a_e	mb	5.6
MOX	78.22		L	04:51:28.170						T__		795.7	18.20	a_e	Ms	5.1
NEUB	77.66		P	04:09:13.478	-0.1	8.3		5.54		TAS		122.2	1.06	m_e	MBB	6.0
PLN	78.33		P	04:09:17.128	-0.1	8.3		5.54		TAS		9.1	0.93	a_e	mb	4.9
RETH	76.33		P	04:09:06.228	0.0	8.3		5.54		TAS		77.9	1.04	a_e	mb	5.8
RGN	74.20		P	04:08:54.228	-0.1	8.3		5.54		TAS		182.9	0.89	a_e	mb	6.1
RJOB	80.98		P	04:09:31.928	0.1	8.3		5.54		TAS		28.1	0.89	a_e	mb	5.3
ROTZ	79.04		P	04:09:21.428	0.3	8.3		5.54		TAS		9.8	1.08	a_e	mb	4.8
RUE	76.20		P	04:09:05.328	-0.1	8.3		5.54		TAS		89.7	1.11	a_e	mb	5.8
STU	80.29		P	04:09:27.828	-0.3	8.3		5.54		TAS		132.6	1.02	a_e	mb	5.8
TANN	78.37		P	04:09:17.728	0.3	8.3		5.54		TAS		34.1	1.21	a_e	mb	5.3
TNS	78.90		P	04:09:20.378	-0.0	8.3		5.54		TAS		66.5	0.99	a_e	mb	5.6
UBBA	78.19		P	04:09:16.578	0.1	8.3		5.54		TAS		95.1	1.58	a_e	mb	5.7
UBR	81.30		P	04:09:33.628	-0.1	8.3		5.54		TAS		53.8	1.25	a_e	mb	5.4
WLF	79.60		P	04:09:24.478	0.2	8.3		5.54		TAS		70.8	0.98	a_e	mb	5.6

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
126003	2020/01/26	06:32:00.01			51.0530	177.5790				36.9			29		73.95	81.06	m i ke	BGR

126009

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	126009
MBB	6.2		BGR	126009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.60		P	06:43:45.086	-0.1	8.7		5.52		TAS		113.6	1.19	m_e	MBB	6.3
BFO	80.57		P	06:44:06.698	-0.3	8.7		5.52		TAS		70.5	1.17	m_e	MBB	6.0
BRG	77.50		P	06:43:50.055	-0.1	8.7		5.52		TAS		105.5	1.38	m_e	MBB	6.3
BSEG	74.84		P	06:43:35.420	0.0	8.7		5.52		TAS		110.9	0.82	a_e	MBB	6.2
BUG	77.55		P	06:43:50.070	-0.3	8.7		5.52		TAS		96.2	0.76	a_e	MBB	6.3
CLL	77.18		P	06:43:48.020	-0.3	8.7		5.52		TAS		102.5	1.33	a_e	MBB	6.2
CLZ	76.91		P	06:43:47.270	0.4	8.7		5.52		TAS		150.0	0.95	a_e	MBB	6.3
FLT1	76.35		P	06:43:43.270	-0.5	8.7		5.52		TAS		93.9	0.79	a_e	MBB	6.2
FUR	80.47		P	06:44:06.598	0.1	8.7		5.52		TAS		92.5	0.87	m_e	MBB	6.1
GEC2	79.53		P	06:44:01.579	0.3	8.7		5.52		TAS		89.5	1.40	m_e	MBB	6.0
GOR1	75.69		P	06:43:40.294	0.2	8.7		5.52		TAS		150.1	1.12	m_e	MBB	6.6
GTTG	77.24		P	06:43:48.918	0.2	8.7		5.52		TAS		124.5	0.98	m_e	MBB	6.2
HLG	74.78		P	06:43:35.070	0.1	8.7		5.52		TAS		367.1	0.76	a_e	MBB	6.6
IBBN	76.66		P	06:43:45.620	0.2	8.7		5.52		TAS		341.1	0.87	a_e	MBB	6.6
KAST	77.71		P	06:43:51.284	0.1	8.7		5.52		TAS		888.8	2.70	m_e	MBB	6.0
MANZ	78.58		P	06:43:56.137	0.0	8.7		5.52		TAS		7.8	0.74	m_e	MBB	5.3
MOX	77.98		P	06:43:52.780	0.0	8.7		5.52		TAS		48.6	0.87	m_e	MBB	6.1
MOX	77.98		pP	06:44:03.398						T__				m_e		
NEUB	77.42		P	06:43:49.645	-0.0	8.7		5.52		TAS		127.5	0.81	m_e	MBB	6.4
PLN	78.08		P	06:43:53.420	0.1	8.7		5.52		TAS		13.9	0.78	a_e	MBB	5.7
RETH	76.11		P	06:43:42.379	-0.0	8.7		5.52		TAS		91.0	0.95	m_e	MBB	6.2
RGN	73.95		P	06:43:30.420	-0.1	8.7		5.52		TAS		313.1	0.75	a_e	MBB	6.6
ROTZ	78.79		P	06:43:57.549	0.3	8.7		5.52		TAS		17.8	1.27	m_e	MBB	5.3
RUE	75.94		P	06:43:41.437	-0.1	8.7		5.52		TAS		86.5	0.91	m_e	MBB	6.5
STU	80.06		P	06:44:04.070	-0.2	8.7		5.52		TAS		149.7	0.90	m_e	MBB	6.3
TANN	78.12		P	06:43:53.724	0.2	8.7		5.52		TAS		28.6	0.86	m_e	MBB	6.3
TNS	78.68		P	06:43:56.620	0.0	8.7		5.52		TAS		82.7	0.73	a_e	MBB	6.1
UBBA	77.96		P	06:43:52.490	-0.2	8.7		5.52		TAS		71.5	1.27	m_e	MBB	6.2
UBR	81.06		P	06:44:09.598	-0.2	8.7		5.52		TAS		33.3	0.87	m_e	MBB	6.0
WLF	79.40		P	06:44:00.720	0.2	8.7		5.52		TAS		92.3	0.95	a_e	MBB	6.1

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
126002 Rat Islands, Aleutian Islands, United States	2020/01/26	06:32:00.05			51.0680	177.7330				37.0			29		73.95	81.06	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	126008
MBB	6.2		BGR	126008
Ms	5.6		BGR	126008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.60		P	06:43:45.095	-0.1	8.6		5.52		TAS		113.6	1.19	m_e	MBB 6.3
BFO	80.57		P	06:44:06.705	-0.3	8.6		5.52		TAS		70.5	1.17	m_e	MBB 6.0
BRG	77.51		P	06:43:50.035	-0.1	8.6		5.52		TAS		105.5	1.38	m_e	MBB 6.3
BSEG	74.84		P	06:43:35.454	0.0	8.6		5.52		TAS		110.9	0.82	a_e	MBB 6.2
BUG	77.55		P	06:43:50.025	-0.3	8.6		5.52		TAS		96.2	0.76	m_e	MBB 6.3
CLL	77.18		P	06:43:48.054	-0.3	8.6		5.52		TAS		102.5	1.33	a_e	MBB 6.2
CLZ	76.91		P	06:43:47.304	0.4	8.6		5.52		TAS		150.0	0.95	a_e	MBB 6.3
FLT1	76.35		P	06:43:43.304	-0.5	8.6		5.52		TAS		93.9	0.79	a_e	MBB 6.2
FUR	80.47		P	06:44:06.602	0.1	8.6		5.52		TAS		92.5	0.87	m_e	MBB 6.1
GEC2	79.53		P	06:44:01.597	0.3	8.6		5.52		TAS		89.5	1.40	m_e	MBB 6.0
GOR1	75.69		P	06:43:40.292	0.2	8.6		5.52		TAS		150.1	1.12	m_e	MBB 6.5
GTTG	77.24		P	06:43:48.925	0.2	8.6		5.52		TAS		124.5	0.98	m_e	MBB 6.1
HLG	74.78		P	06:43:35.104	0.1	8.6		5.52		TAS		367.1	0.76	a_e	MBB 6.6
IBBN	76.65		P	06:43:45.574	0.2	8.6		5.52		TAS		341.1	0.87	m_e	MBB 6.6
KAST	77.70		P	06:43:51.258	0.0	8.6		5.52		TAS		888.8	2.70	m_e	MBB 6.0
MANZ	78.58		P	06:43:56.119	0.0	8.6		5.52		TAS		7.8	0.74	m_e	MBB 5.3
MOX	77.98		P	06:43:52.804	0.0	8.6		5.52		TAS		48.6	0.87	m_e	MBB 6.1
MOX	77.98		pP	06:44:03.456						T__				m_e	
MOX	77.98		L	07:24:40.023						T__		3142.5	22.00	a_e	Ms 5.6
NEUB	77.42		P	06:43:49.630	-0.1	8.6		5.52		TAS		127.5	0.81	m_e	MBB 6.4
PLN	78.08		P	06:43:53.454	0.1	8.6		5.52		TAS		13.9	0.78	a_e	MBB 5.7
RETH	76.11		P	06:43:42.370	-0.1	8.6		5.52		TAS		91.0	0.95	m_e	MBB 6.2
RGN	73.95		P	06:43:30.454	-0.1	8.6		5.52		TAS		313.1	0.75	a_e	MBB 6.5
ROTZ	78.79		P	06:43:57.535	0.3	8.6		5.52		TAS		9.6	0.91	m_e	MBB 5.3
RUE	75.95		P	06:43:41.505	-0.0	8.6		5.52		TAS		86.5	0.91	m_e	MBB 6.5
STU	80.06		P	06:44:04.104	-0.1	8.6		5.52		TAS		149.7	0.90	m_e	MBB 6.3
TANN	78.12		P	06:43:53.724	0.2	8.6		5.52		TAS		28.6	0.86	m_e	MBB 6.3
TNS	78.68		P	06:43:56.654	0.1	8.6		5.52		TAS		82.7	0.73	a_e	MBB 6.1
UBBA	77.96		P	06:43:52.460	-0.2	8.6		5.52		TAS		71.5	1.27	m_e	MBB 6.2
UBR	81.06		P	06:44:09.586	-0.2	8.6		5.52		TAS		33.3	0.87	m_e	MBB 6.0
WLF	79.39		P	06:44:00.754	0.3	8.6		5.52		TAS		92.3	0.95	a_e	MBB 6.1

Event 126004 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/26	07:24:10.83			51.4490	178.1150				33.0			27		74.49	80.72	m i ke	BGR
	126010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	126010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.25		P	07:35:54.504	0.2	8.3		5.53		TAS		36.8	1.33	m_e	mb 5.3
BFO	80.22		P	07:36:16.131	-0.2	8.3		5.53		TAS		10.9	0.95	m_e	mb 4.8

BRG	77.17	P	07:35:59.514	0.0	8.3	5.53	TAS	8.7	0.73	m_e	mb	5.0
BSEG	74.49	P	07:35:44.863	0.1	8.3	5.53	TAS	31.2	1.00	m_e	mb	5.3
BUG	77.19	P	07:35:59.452	-0.1	8.3	5.53	TAS	21.4	0.91	a_e	mb	5.3
CLL	76.85	P	07:35:57.474	-0.1	8.3	5.53	TAS	11.2	0.76	m_e	mb	5.1
CLZ	76.56	P	07:35:56.702	-0.2	8.3	5.53	TAS	31.0	0.89	a_e	mb	5.4
FLT1	76.00	P	07:35:52.702	0.4	8.3	5.53	TAS	23.7	0.87	a_e	mb	5.3
FUR	80.13	P	07:36:16.072		8.3	5.53	TAS	29.8	1.07	m_e	mb	5.2
GEC2	79.20	P	07:36:11.066	0.0	8.3	5.53	TAS	8.6	0.74	m_e	mb	4.9
GOR1	75.34	P	07:35:49.700	-0.1	8.3	5.53	TAS	38.9	1.06	m_e	mb	5.4
GTTG	76.89	P	07:35:58.347	-0.4	8.3	5.53	TAS	30.4	1.10	m_e	mb	5.3
IBBN	76.30	P	07:35:55.002	-0.1	8.3	5.53	TAS	67.5	0.64	a_e	mb	5.9
MANZ	78.24	P	07:36:05.622	0.2	8.3	5.53	TAS	2.2	0.87	m_e	mb	4.3
MOX	77.64	P	07:36:02.302	0.0	8.3	5.53	TAS	11.1	0.74	m_e	mb	5.1
NEUB	77.08	P	07:35:59.110	0.1	8.3	5.53	TAS	37.5	0.95	m_e	mb	5.5
PLN	77.74	P	07:36:02.868	0.0	8.3	5.53	TAS	3.3	0.70	m_e	mb	4.6
RETH	75.76	P	07:35:51.852	0.2	8.3	5.53	TAS	25.3	0.99	a_e	mb	5.3
RJOB	80.39	P	07:36:17.759		8.3	5.53	TAS	11.0	0.74	m_e	mb	4.9
ROTZ	78.45	P	07:36:06.977	-0.2	8.3	5.53	TAS	2.8	1.04	m_e	mb	4.3
RUE	75.61	P	07:35:50.915	-0.5	8.3	5.53	TAS	21.0	0.86	m_e	mb	5.3
STU	79.71	P	07:36:13.502	0.3	8.3	5.53	TAS	52.2	1.00	a_e	mb	5.4
TANN	77.78	P	07:36:03.188	0.2	8.3	5.53	TAS	12.5	1.17	m_e	mb	4.9
TNS	78.33	P	07:36:06.052	0.3	8.3	5.53	TAS	18.7	0.79	a_e	mb	5.3
UBBA	77.61	P	07:36:01.892	0.1	8.3	5.53	TAS	32.3	1.60	m_e	mb	5.2
UBR	80.72	P	07:36:19.100		8.3	5.53	TAS	23.4	1.37	m_e	mb	5.0
WLF	79.03	P	07:36:10.102	-0.3	8.3	5.53	TAS	27.0	1.00	a_e	mb	5.2

Event 126005 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/26	09:12:11.76			51.4630	178.2700				33.0			30		73.62	80.72	m i ke	BGR
	126011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	126011
MBB	6.0		BGR	126011
Ms	5.3		BGR	126011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.25		P	09:23:55.655	-0.1	8.2		5.53		TAS		159.6	1.47	a_e	MBB 6.2
BFO	80.21		P	09:24:17.255	-0.3	8.2		5.53		TAS		58.1	1.19	a_e	MBB 5.6
BRG	77.18		P	09:24:00.705	-0.1	8.2		5.53		TAS		35.7	0.68	a_e	MBB 6.0
BSEG	74.49		P	09:23:46.005	0.1	8.2		5.53		TAS		94.9	0.79	a_e	MBB 6.1
BUG	77.19		P	09:24:00.555	-0.3	8.2		5.53		TAS		76.1	0.77	a_e	MBB 6.3
CLL	76.85		P	09:23:58.655	-0.4	8.2		5.53		TAS		332.5	2.02	a_e	MBB 5.9
CLZ	76.56		P	09:23:57.855	0.4	8.2		5.53		TAS		123.0	0.77	a_e	MBB 6.3
FLT1	76.00		P	09:23:53.905	-0.4	8.2		5.53		TAS		95.9	0.73	a_e	MBB 6.2

FUR	80.13	P	09:24:17.155	-0.0	8.2	5.53	TAS	74.4	0.89	a_e	MBB	6.0
GEC2	79.20	P	09:24:12.205	0.2	8.2	5.53	TAS	34.7	0.65	a_e	MBB	5.8
GOR1	75.34	P	09:23:50.904	0.2	8.2	5.53	TAS	101.1	1.03	m_e	MBB	6.1
GTTG	76.89	P	09:23:59.455	0.2	8.2	5.53	TAS	85.3	0.95	a_e	MBB	6.2
HLG	74.42	P	09:23:45.413	-0.1	8.2	5.53	TAS	285.9	0.72	m_e	MBB	6.5
IBBN	76.30	P	09:23:56.105	0.2	8.2	5.53	TAS	237.7	0.77	a_e	MBB	6.6
KAST	77.35	P	09:24:01.752	0.0	8.2	5.53	TAS	35.1	0.76	m_e	MBB	6.0
MANZ	78.24	P	09:24:06.805	0.1	8.2	5.53	TAS	7.7	0.75	a_e	MBB	5.2
MOX	77.64	P	09:24:03.455	0.1	8.2	5.53	TAS	49.9	0.92	a_e	MBB	5.9
MOX	77.64	L	10:06:15.097				T__	1350.8	19.30	a_e	Ms	5.3
NEUB	77.08	P	09:24:00.259	-0.1	8.2	5.53	TAS	126.8	1.04	m_e	MBB	6.2
PLN	77.74	P	09:24:04.055	0.1	8.2	5.53	TAS	12.7	0.65	a_e	MBB	5.6
RETH	75.75	P	09:23:52.955	0.0	8.2	5.53	TAS	88.8	1.01	a_e	MBB	6.2
RGN	73.62	P	09:23:40.956	-0.2	8.2	5.53	TAS	286.3	0.62	m_e	MBB	6.5
RJOB	80.40	P	09:24:18.828	0.2	8.2	5.53	TAS	51.0	0.68	m_e	MBB	5.6
ROTZ	78.45	P	09:24:08.155	0.3	8.2	5.53	TAS	16.5	1.31	a_e	MBB	5.1
RUE	75.61	P	09:23:52.105	-0.1	8.2	5.53	TAS	86.4	0.85	a_e	MBB	6.4
STU	79.71	P	09:24:14.605	-0.2	8.2	5.53	TAS	174.5	1.07	a_e	MBB	6.2
TANN	77.79	P	09:24:04.355	0.1	8.2	5.53	TAS	28.2	0.67	m_e	MBB	6.1
TNS	78.32	P	09:24:07.255	0.1	8.2	5.53	TAS	82.6	0.72	a_e	MBB	6.0
UBBA	77.61	P	09:24:03.096	-0.1	8.2	5.53	TAS	199.9	1.88	m_e	MBB	5.9
UBR	80.72	P	09:24:20.205	-0.2	8.2	5.53	TAS	609.4	2.89	a_e	MBB	5.9
WLF	79.03	P	09:24:11.205	0.2	8.2	5.53	TAS	64.7	0.90	a_e	MBB	6.0

Event 126008 Central Bolivia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/26	18:44:26.28			-18.8600	-63.3700				300.0			25		91.66	96.71	m i ke	BGR
	126014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	126014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	95.31		P	18:57:15.542	0.0	246.5		4.54		TAS		47.0	1.76	m_e	mb 5.6
BFO	92.34		P	18:57:02.346		246.5		4.54		TAS		12.1	0.89	m_e	mb 5.2
BRG	96.71		P	18:57:22.486	0.1	246.5		4.54		TAS		29.0	1.65	m_e	mb 5.7
BSEG	95.85		P	18:57:18.363	0.0	246.5		4.54		TAS		10.8	1.10	m_e	mb 5.3
BUG	93.10		P	18:57:06.025	-0.1	246.5		4.54		TAS		35.0	0.99	m_e	mb 5.8
CLL	96.32		P	18:57:20.812	0.1	246.5		4.54		TAS		9.2	0.90	m_e	mb 5.3
CLZ	95.02		P	18:57:15.140	-0.2	246.5		4.54		TAS		30.8	1.61	m_e	mb 5.5
FLT1	95.71		P	18:57:17.666	-0.2	246.5		4.54		TAS		8.0	0.99	m_e	mb 5.2
FUR	94.06		P	18:57:10.553		246.5		4.54		TAS		62.1	1.28	m_e	mb 5.8
GEC2	95.81		P	18:57:18.287	0.3	246.5		4.54		TAS		13.9	0.97	m_e	mb 5.5
GTTG	94.67		P	18:57:13.446	0.3	246.5		4.54		TAS		20.5	1.15	m_e	mb 5.5
IBBN	93.76		P	18:57:09.160	0.1	246.5		4.54		TAS		57.5	0.97	m_e	mb 5.9

KAST	93.64	P	18:57:08.409	0.1	246.5	4.54	TAS	14.3	0.98	m_e	mb	5.3
MANZ	95.29	P	18:57:16.374	-0.4	246.5	4.54	TAS	4.6	1.17	m_e	mb	4.8
MOX	95.25	P	18:57:16.105	0.2	246.5	4.54	TAS	121.7	2.79	m_e	mb	5.8
NEUB	95.56	P	18:57:17.698	0.4	246.5	4.54	TAS	21.2	0.97	m_e	mb	5.6
PLN	95.51	P	18:57:17.277	0.3	246.5	4.54	TAS	4.9	0.98	m_e	mb	5.0
RETH	94.83	P	18:57:14.495	-0.7	246.5	4.54	TAS	49.9	1.37	m_e	mb	5.8
RJOB	94.83	P	18:57:13.758		246.5	4.54	TAS	19.2	1.41	m_e	mb	5.3
ROTZ	95.26	P	18:57:16.189	-0.0	246.5	4.54	TAS	2.2	0.92	m_e	mb	4.6
STU	93.05	P	18:57:05.795		246.5	4.54	TAS	92.9	0.85	m_e	mb	6.2
TANN	95.66	P	18:57:18.219	-0.2	246.5	4.54	TAS	16.1	1.17	m_e	mb	5.4
TNS	93.24	P	18:57:06.949	-0.2	246.5	4.54	TAS	23.7	1.02	m_e	mb	5.6
UBR	93.14	P	18:57:06.753		246.5	4.54	TAS	43.8	0.78	m_e	mb	6.0
WLF	91.66	P	18:56:59.927	-0.3	246.5	4.54	TAS	86.9	1.14	m_e	mb	6.0

Event 126009 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/26	22:33:42.20			51.1250	177.5610			33.0				28		73.88	80.99	m i ke	BGR
	126015																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	126015
Ms	5.4		BGR	126015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.53		P	22:45:27.630	0.4	8.7		5.51		TAS		47.4	1.14	m_e	mb	5.5
BFO	80.50		P	22:45:49.260	0.0	8.7		5.51		TAS		23.7	1.08	m_e	mb	5.0
BRG	77.43		P	22:45:32.590	0.2	8.7		5.51		TAS		28.6	1.07	m_e	mb	5.3
BSEG	74.77		P	22:45:17.862	0.5	8.7		5.51		TAS		43.3	0.86	m_e	mb	5.5
BUG	77.48		P	22:45:32.579	-0.2	8.7		5.51		TAS		81.1	1.34	m_e	mb	5.7
CLL	77.11		P	22:45:30.380	-0.1	8.7		5.51		TAS		17.2	0.85	m_e	mb	5.2
CLZ	76.84		P	22:45:29.725	0.2	8.7		5.51		TAS		107.5	1.20	m_e	mb	5.8
FUR	80.39		P	22:45:48.986	0.4	8.7		5.51		TAS		43.8	1.10	m_e	mb	5.3
GEC2	79.46		P	22:45:44.159	0.0	8.7		5.51		TAS		25.9	1.23	m_e	mb	5.1
GOR1	75.62		P	22:45:23.083	0.1	8.7		5.51		TAS		138.8	1.39	m_e	mb	5.9
GTTG	77.17		P	22:45:31.362	-0.0	8.7		5.51		TAS		91.4	1.13	m_e	mb	5.8
IBBN	76.58		P	22:45:28.039	-0.5	8.7		5.51		TAS		195.9	1.16	m_e	mb	6.1
KAST	77.63		P	22:45:33.929	-0.6	8.7		5.51		TAS		23.8	0.88	m_e	mb	5.3
MANZ	78.51		P	22:45:38.649	0.3	8.7		5.51		TAS		6.9	1.28	m_e	mb	4.5
MOX	77.91		P	22:45:34.600	0.1	8.7		5.51		TAS		34.8	1.22	m_e	mb	5.3
MOX	77.91		L	23:27:56.542						T__		1741.0	18.20	a_e	Ms	5.4
NEUB	77.35		P	22:45:32.017	-0.2	8.7		5.51		TAS		91.8	1.13	m_e	mb	5.8
PLN	78.01		P	22:45:35.047	0.1	8.7		5.51		TAS		7.2	1.01	m_e	mb	4.8
RETH	76.03		P	22:45:24.937	-0.0	8.7		5.51		TAS		71.0	1.21	m_e	mb	5.7
RGN	73.88		P	22:45:12.940	-0.1	8.7		5.51		TAS		125.6	0.89	m_e	mb	6.0
RJOB	80.65		P	22:45:50.743		8.7		5.51		TAS		20.6	0.80	m_e	mb	5.2

ROTZ	78.71	P	22:45:39.959	0.4	8.7	5.51	TAS	8.3	1.25	m_e mb	4.6
RUE	75.87	P	22:45:24.075	0.0	8.7	5.51	TAS	78.3	1.29	m_e mb	5.7
STU	79.99	P	22:45:46.324	-0.2	8.7	5.51	TAS	68.6	1.06	m_e mb	5.5
TANN	78.05	P	22:45:36.150	0.1	8.7	5.51	TAS	19.3	1.09	m_e mb	5.2
TNS	78.61	P	22:45:39.219	0.2	8.7	5.51	TAS	32.8	0.79	m_e mb	5.4
UBBA	77.89	P	22:45:34.934	-0.8	8.7	5.51	TAS	73.5	1.66	m_e mb	5.5
UBR	80.99	P	22:45:52.243		8.7	5.51	TAS	37.9	1.33	m_e mb	5.3
WLF	79.32	P	22:45:43.139	-0.4	8.7	5.51	TAS	33.5	0.91	m_e mb	5.4

Event 127005 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/27	05:02:02.80			-10.0500	161.0100				30.0					133.42	133.42	m i ke	EMSC
	127037																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRB5	133.42		PKPdf	05:21:16.354		42.8		1.06		TAS					m_e

Event 127008 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2020/01/27	13:28:27.90			29.6000	52.0500				10.0					19	34.90	39.63	m i ke	NEIC
	127103																	

Magnitude Err Nsta Author OrigID

mb	4.7		BGR	127014
Ms	4.8		BGR	127014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	37.83		P	13:35:45.457	-0.1	107.7		8.71		TAS		14.1	1.18	m_e mb	4.6
BFO	38.18		P	13:35:48.769		107.7		8.71		TAS		4.7	1.01	m_e mb	4.2
BRG	35.47		P	13:35:24.946	0.0	107.7		8.71		TAS		6.9	1.07	m_e mb	4.5
BUG	39.63		P	13:36:00.934	-0.5	107.7		8.71		TAS		29.3	1.27	m_e mb	4.8
CLL	36.18		P	13:35:31.185	-0.4	107.7		8.71		TAS		9.1	0.98	m_e mb	4.6
CLZ	37.91		P	13:35:46.450	-0.1	107.7		8.71		TAS		33.3	0.77	m_e mb	5.1
FLT1	37.58		P	13:35:43.154	0.0	107.7		8.71		TAS		52.8	1.38	m_e mb	5.1
FUR	36.24		P	13:35:31.422		107.7		8.71		TAS		66.8	1.33	m_e mb	5.3
GEC2	34.90		P	13:35:20.206		107.7		8.71		TAS		13.4	1.46	m_e mb	4.7
GTTG	38.05		P	13:35:47.676	-0.1	107.7		8.71		TAS		29.6	1.36	m_e mb	4.8
IBBN	39.59		P	13:36:00.808	-0.4	107.7		8.71		TAS		87.7	1.66	m_e mb	5.1
KAST	38.87		P	13:35:54.712	0.0	107.7		8.71		TAS		50.5	1.74	m_e mb	4.9

MANZ	36.26	P	13:35:32.058	107.7	8.71	TAS	4.1	1.36	m_e	mb	4.1
MOX	36.77	L	13:52:38.370			T__	1549.3	18.30	a_e	Ms	4.8
PLN	36.39	P	13:35:32.664	0.1	107.7	TAS	3.7	1.37	m_e	mb	4.0
RETH	38.79	P	13:35:54.234	0.2	107.7	TAS	49.7	1.59	m_e	mb	4.9
ROTZ	36.13	P	13:35:31.061		107.7	TAS	8.0	1.51	m_e	mb	4.3
TNS	38.58	P	13:35:51.817		107.7	TAS	30.3	1.65	m_e	mb	4.7
UBBA	37.80	P	13:35:45.366	0.5	107.7	TAS	23.1	1.50	m_e	mb	4.7
UBR	36.87	P	13:35:36.746		107.7	TAS	26.8	1.05	m_e	mb	4.9

Event 127009 East of Severnaya Zemlya

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/27	14:25:00.68			81.3300	111.6300				30.9	0.6		25		39.71	44.92	m i ke	BGR
	127015																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	127015
Ms	4.2		BGR	127015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	40.49		P	14:32:38.902	-0.5	13.4		8.13		TAS		40.8	1.05	m_e	mb	5.0
ASSE	40.49		pP	14:32:47.107	0.3	13.5		8.16		TAS				m_e		
BFO	44.53		P	14:33:11.212		13.4		8.13		TAS		33.0	1.48	m_e	mb	5.0
BFO	44.53		pP	14:33:19.530		13.5		8.16		TAS				m_e		
BRG	41.25		P	14:32:44.680	-0.1	13.4		8.13		TAS		17.9	1.08	m_e	mb	4.7
BRG	41.25		pP	14:32:52.791	0.1	13.5		8.16		TAS				m_e		
BUG	41.64		P	14:32:48.027	-0.3	13.4		8.13		TAS		124.9	1.71	m_e	mb	5.4
BUG	41.64		pP	14:32:56.332	0.2	13.5		8.16		TAS				m_e		
CLL	40.96		P	14:32:42.093	-0.0	13.4		8.13		TAS		28.2	0.88	m_e	mb	5.0
CLL	40.96		pP	14:32:50.280	0.2	13.5		8.16		TAS				m_e		
CLZ	40.82		P	14:32:41.998	0.2	13.4		8.13		TAS		37.5	1.11	m_e	mb	5.0
CLZ	40.82		pP	14:32:50.127	0.1	13.5		8.16		TAS				m_e		
FLT1	40.22		P	14:32:36.047	0.1	13.4		8.13		TAS		217.4	2.86	m_e	mb	5.3
FLT1	40.22		pP	14:32:44.231	-0.5	13.5		8.16		TAS				m_e		
FUR	44.28		P	14:33:09.502		13.4		8.13		TAS		44.0	1.36	m_e	mb	5.0
FUR	44.28		pP	14:33:17.833		13.5		8.16		TAS				m_e		
GEC2	43.26		P	14:33:01.638	-0.2	13.4		8.13		TAS		40.1	1.23	m_e	mb	5.0
GEC2	43.26		pP	14:33:09.877	-0.5	13.5		8.16		TAS				m_e		
GTTG	41.16		P	14:32:44.677	-0.1	13.4		8.13		TAS		70.2	1.41	m_e	mb	5.2
GTTG	41.16		pP	14:32:52.921	-0.0	13.5		8.16		TAS				m_e		
IBBN	40.73		P	14:32:40.632	0.3	13.4		8.13		TAS		17.6	0.95	m_e	mb	4.8
IBBN	40.73		pP	14:32:48.790	-0.2	13.5		8.16		TAS				m_e		
KAST	41.71		P	14:32:48.973	0.1	13.4		8.13		TAS		12.9	0.83	m_e	mb	4.7
KAST	41.71		pP	14:32:57.203	0.1	13.5		8.16		TAS				m_e		
MANZ	42.38		P	14:32:54.268	-0.6	13.4		8.13		TAS		3.2	0.95	m_e	mb	4.0
MANZ	42.38		pP	14:33:02.494	-0.3	13.5		8.16		TAS				m_e		

MOX	41.81	P	14:32:49.575	0.3	13.4	8.13	TAS	27.6	1.09	m_e	mb	4.9
MOX	41.81	pP	14:32:57.776	0.4	13.5	8.16	TAS			m_e		
MOX	41.81	L	14:50:02.463				T__	287.9	19.90	a_e	Ms	4.2
PLN	41.88	P	14:32:50.256	0.4	13.4	8.13	TAS	10.1	0.99	m_e	mb	4.5
PLN	41.88	pP	14:32:58.494	-0.0	13.5	8.16	TAS			m_e		
RETH	40.08	P	14:32:35.653	-0.1	13.4	8.13	TAS	185.2	2.25	m_e	mb	5.3
RETH	40.08	pP	14:32:43.923	0.3	13.5	8.16	TAS			m_e		
RJOB	44.48	P	14:33:11.238		13.4	8.13	TAS	56.5	1.70	m_e	mb	5.0
RJOB	44.48	pP	14:33:19.464		13.5	8.16	TAS			m_e		
ROTZ	42.58	P	14:32:56.154	-0.2	13.4	8.13	TAS	6.7	1.12	m_e	mb	4.3
ROTZ	42.58	pP	14:33:04.399	-0.1	13.5	8.16	TAS			m_e		
RUE	39.71	P	14:32:32.224	0.4	13.4	8.13	TAS	29.8	0.90	m_e	mb	4.9
RUE	39.71	pP	14:32:40.385	0.0	13.5	8.16	TAS			m_e		
STU	43.98	P	14:33:06.946		13.4	8.13	TAS	83.1	0.94	m_e	mb	5.5
STU	43.98	pP	14:33:15.307		13.5	8.16	TAS			m_e		
TANN	41.91	P	14:32:50.693	0.6	13.4	8.13	TAS	30.0	1.14	m_e	mb	4.9
TANN	41.91	pP	14:32:58.747	0.3	13.5	8.16	TAS			m_e		
TNS	42.67	P	14:32:56.488	-0.4	13.4	8.13	TAS	8.7	0.78	m_e	mb	4.5
TNS	42.67	pP	14:33:04.758	0.2	13.5	8.16	TAS			m_e		
UBBA	41.87	P	14:32:49.792	0.1	13.4	8.13	TAS	66.0	2.01	m_e	mb	5.0
UBBA	41.87	pP	14:32:57.997	0.6	13.5	8.16	TAS			m_e		
UBR	44.92	P	14:33:14.763		13.4	8.13	TAS	26.4	1.11	m_e	mb	5.1
UBR	44.92	pP	14:33:22.971		13.5	8.16	TAS			m_e		
WLF	43.53	P	14:33:03.554	0.2	13.4	8.13	TAS	53.7	1.53	m_e	mb	5.0
WLF	43.53	pP	14:33:11.793	-0.3	13.5	8.16	TAS			m_e		

Event 127010 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/27	15:51:52.75			51.4490	178.1150				33.0			29		73.61	80.72	m i ke	BGR
	127016																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	127016
Ms	4.4		BGR	127016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.25		P	16:03:36.493	0.4	8.3		5.53		TAS		34.4	1.21	m_e	mb	5.3
BFO	80.22		P	16:03:58.068	0.1	8.3		5.53		TAS		18.1	1.09	m_e	mb	4.9
BRG	77.17		P	16:03:41.472	-0.2	8.3		5.53		TAS		13.0	0.87	m_e	mb	5.1
BSEG	74.49		P	16:03:26.881	0.1	8.3		5.53		TAS		36.6	0.84	m_e	mb	5.4
BUG	77.19		P	16:03:41.454	-0.5	8.3		5.53		TAS		30.8	0.86	m_e	mb	5.5
CLL	76.85		P	16:03:39.326	0.0	8.3		5.53		TAS		12.7	0.80	m_e	mb	5.1
CLZ	76.56		P	16:03:38.668	0.1	8.3		5.53		TAS		41.4	0.84	m_e	mb	5.6
FLT1	76.00		P	16:03:34.752	-0.1	8.3		5.53		TAS		31.6	0.78	m_e	mb	5.5
FUR	80.13		P	16:03:58.103	0.3	8.3		5.53		TAS		21.4	0.59	m_e	mb	5.3

GEC2	79.20	P	16:03:53.069	-0.1	8.3	5.53	TAS	10.1	0.75	m_e	mb	4.9
GOR1	75.34	P	16:03:31.651	0.1	8.3	5.53	TAS	57.9	1.13	m_e	mb	5.5
GTTG	76.89	P	16:03:40.211	-0.2	8.3	5.53	TAS	26.6	0.81	m_e	mb	5.4
IBBN	76.30	P	16:03:36.986	-0.4	8.3	5.53	TAS	105.7	0.93	m_e	mb	6.0
KAST	77.35	P	16:03:42.617	-0.1	8.3	5.53	TAS	26.8	1.18	m_e	mb	5.3
MANZ	78.24	P	16:03:47.545	0.2	8.3	5.53	TAS	2.3	0.92	m_e	mb	4.3
MOX	77.64	P	16:03:44.234	0.1	8.3	5.53	TAS	17.7	0.86	m_e	mb	5.2
MOX	77.64	L	16:35:06.061				T__	202.5	21.30	a_e	Ms	4.4
NEUB	77.08	P	16:03:41.055	-0.2	8.3	5.53	TAS	48.2	0.99	m_e	mb	5.6
PLN	77.74	P	16:03:44.860	0.2	8.3	5.53	TAS	4.1	0.77	m_e	mb	4.6
RETH	75.76	P	16:03:33.823	-0.0	8.3	5.53	TAS	33.4	0.96	m_e	mb	5.4
RGN	73.61	P	16:03:21.941	-0.0	8.3	5.53	TAS	107.9	0.77	m_e	mb	6.0
RJOB	80.39	P	16:03:59.706	-0.3	8.3	5.53	TAS	17.5	0.75	m_e	mb	5.1
ROTZ	78.45	P	16:03:48.918	0.2	8.3	5.53	TAS	3.7	1.01	m_e	mb	4.5
RUE	75.61	P	16:03:32.976	0.2	8.3	5.53	TAS	43.5	1.04	m_e	mb	5.5
STU	79.71	P	16:03:55.582	-0.4	8.3	5.53	TAS	45.7	0.88	m_e	mb	5.4
TANN	77.78	P	16:03:45.188	0.1	8.3	5.53	TAS	7.3	0.72	m_e	mb	4.9
TNS	78.33	P	16:03:48.047	-0.0	8.3	5.53	TAS	28.2	0.80	m_e	mb	5.5
UBBA	77.61	P	16:03:43.854	0.0	8.3	5.53	TAS	13.1	1.13	m_e	mb	5.0
UBR	80.72	P	16:04:00.958		8.3	5.53	TAS	11.5	1.03	m_e	mb	4.8
WLF	79.03	P	16:03:51.988	0.2	8.3	5.53	TAS	35.1	0.94	m_e	mb	5.4

Event 128002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/28	01:36:06.68			43.7130	146.2460				104.0	1.9		19		74.22	81.16	m i ke	BGR
	128008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	128008
MBB	5.9		BGR	128008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.16		P	01:48:08.845	0.5	31.6		5.51		TAS		38.3	0.98	a_e	MBB 5.7
BFO	81.16		pP	01:48:35.367		31.4		5.53		TAS				m_e	
BRG	77.08		P	01:47:46.645	-0.0	31.6		5.51		TAS		38.2	1.01	a_e	MBB 5.9
BSEG	75.68		P	01:47:39.145	0.4	31.6		5.51		TAS		57.5	0.87	a_e	MBB 5.9
BUG	78.78		P	01:47:55.945	0.1	31.6		5.51		TAS		84.7	0.99	a_e	MBB 5.9
BUG	78.78		pP	01:48:22.429		31.4		5.53		TAS				m_e	
CLL	77.04		P	01:47:46.145	-0.3	31.6		5.51		TAS		145.4	1.02	a_e	MBB 6.2
CLL	77.04		pP	01:48:12.688	0.0	31.4		5.53		TAS				m_e	
CLZ	77.46		P	01:47:49.245	-0.1	31.6		5.51		TAS		95.1	0.81	a_e	MBB 6.2
CLZ	77.46		pP	01:48:15.856	0.0	31.4		5.53		TAS				m_e	
FLT1	76.76		P	01:47:44.495	0.4	31.6		5.51		TAS		91.1	0.78	a_e	MBB 6.2
FLT1	76.76		pP	01:48:11.410	0.4	31.4		5.53		TAS				m_e	
FUR	80.31		P	01:48:04.645		31.6		5.51		TAS		77.3	0.92	a_e	MBB 6.0

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
128006 Turkey	2020/01/28	11:26:14.50			39.1000	27.8600				6.0					15.33	15.33	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRC1	15.33		P	11:29:56.696		125.5		11.73		TAS					m_e

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
128007 Dodecanese Islands, Greece	2020/01/28	15:38:34.40			35.2100	27.9000				10.0					17.19	20.63	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BERGE	19.37		Pn	15:43:00.031						T__					m_e
BFO	19.55		Pn	15:43:02.543						T__					m_e
EMING	19.01		Pn	15:42:55.651						T__					m_e
GEC2	17.19		Pn	15:42:34.737						T__					m_e
GRFO	18.93		Pn	15:42:55.006						T__					m_e
MANZ	18.73		Pn	15:42:53.132						T__					m_e
METMA	19.24		Pn	15:42:58.045						T__					m_e
MOX	19.43		Pn	15:43:01.367						T__					m_e
NORI			Pn	15:42:51.367						T__					m_e
OBER			Pn	15:42:43.762						T__					m_e
ROTZ	18.53		Pn	15:42:50.622						T__					m_e
TNS	20.63		Pn	15:43:13.545						T__					m_e
UBR	18.20		Pn	15:42:46.489						T__					m_e

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
128001 Cuba region	2020/01/28	19:10:26.32			19.0400	-78.6300				11.4	1.3		25		72.40	77.41	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

mb	6.7	BGR	128007
MBB	7.3	BGR	128007
Ms	7.5	BGR	128007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.79		P	19:22:07.024	-0.0	282.0		5.79		TAS		1337.4	1.43	m_e	MBB 7.4
ASSE	74.79		pP	19:22:10.043	-0.0	282.2		5.75		TAS				m_e	
BFO	74.04		P	19:22:01.910	0.2	282.0		5.79		TAS		555.6	1.48	m_e	MBB 7.2
BFO	74.04		pP	19:22:05.556	-0.2	282.2		5.75		TAS				m_e	
BRG	77.06		P	19:22:19.979		282.0		5.79		TAS		801.8	1.44	m_e	MBB 7.3
BRG	77.06		pP	19:22:23.214		282.2		5.75		TAS				m_e	
BUG	72.83		P	19:21:55.119	-0.1	282.0		5.79		TAS		1671.4	1.60	m_e	MBB 7.5
CLL	76.38		P	19:22:15.753		282.0		5.79		TAS		717.5	1.50	m_e	MBB 7.3
CLL	76.38		pP	19:22:19.137		282.2		5.75		TAS				m_e	
CLZ	74.66		P	19:22:06.251	-0.5	282.0		5.79		TAS		1149.9	1.37	m_e	MBB 7.3
CLZ	74.66		pP	19:22:09.350	0.1	282.2		5.75		TAS				m_e	
FLT1	75.09		P	19:22:08.055	0.3	282.0		5.79		TAS		1001.9	1.42	m_e	MBB 7.2
FLT1	75.09		pP	19:22:11.516		282.2		5.75		TAS				m_e	
FUR	76.00		P	19:22:13.835	-0.1	282.0		5.79		TAS		1016.6	1.46	m_e	MBB 7.4
FUR	76.00		pP	19:22:17.081		282.2		5.75		TAS				m_e	
GEC2	77.41		P	19:22:22.039		282.0		5.79		TAS		871.5	1.46	m_e	MBB 7.3
GEC2	77.41		pP	19:22:25.090		282.2		5.75		TAS				m_e	
GOR1	74.99		P	19:22:07.792	-0.1	282.0		5.79		TAS		2018.7	1.84	m_e	MBB 7.3
GTTG	74.47		P	19:22:05.127	0.2	282.0		5.79		TAS		1117.7	1.37	m_e	MBB 7.3
IBBN	72.99		P	19:21:56.253	-0.0	282.0		5.79		TAS		1626.0	1.35	m_e	MBB 7.5
KAST	73.58		P	19:21:59.754	0.2	282.0		5.79		TAS		879.9	1.47	m_e	MBB 7.3
MANZ	76.13		P	19:22:14.683	-0.3	282.0		5.79		TAS		140.7	1.49	m_e	MBB 6.7
MANZ	76.13		pP	19:22:17.975		282.2		5.75		TAS				m_e	
MOX	75.67		P	19:22:11.837	0.2	282.0		5.79		TAS		849.6	1.54	m_e	MBB 7.3
MOX	75.67		pP	19:22:14.930		282.2		5.75		TAS				m_e	
MOX	75.67		S	19:32:14.094						T__				m_e	
MOX	75.67		L	19:57:13.698						T__		237360.0	20.00	a_e	Ms 7.5
NEUB	75.65		P	19:22:11.743	-0.1	282.0		5.79		TAS		978.1	1.31	m_e	MBB 7.4
PLN	76.05		P	19:22:13.948	-0.2	282.0		5.79		TAS		223.4	1.33	m_e	MBB 6.9
RETH	73.88		P	19:22:01.851	-0.4	282.0		5.79		TAS		1382.3	1.52	m_e	MBB 7.4
RETH	73.88		pP	19:22:05.166	-0.3	282.2		5.75		TAS				m_e	
RGN	75.83		P	19:22:12.993	0.2	282.0		5.79		TAS		3199.0	1.89	m_e	MBB 7.5
ROTZ	76.24		P	19:22:15.411	0.0	282.0		5.79		TAS		248.6	1.52	m_e	MBB 6.7
RUE	76.57		P	19:22:16.804		282.0		5.79		TAS		1245.0	1.54	m_e	MBB 7.4
TANN	76.25		P	19:22:15.158	0.1	282.0		5.79		TAS		734.9	1.36	m_e	MBB 7.3
TANN	76.25		pP	19:22:18.672		282.2		5.75		TAS				m_e	
TNS	73.77		P	19:22:01.099	0.3	282.0		5.79		TAS		1467.3	1.59	m_e	MBB 7.3
TNS	73.77		pP	19:22:04.306	-0.0	282.2		5.75		TAS				m_e	
UBBA	74.63		P	19:22:05.831	-0.2	282.0		5.79		TAS		1078.1	1.63	m_e	MBB 7.2
UBBA	74.63		pP	19:22:09.035	-0.1	282.2		5.75		TAS				m_e	
WLF	72.40		P	19:21:53.094	0.2	282.0		5.79		TAS		1149.3	1.47	m_e	MBB 7.4

Event 128008 Albania
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/28 20:15:06.75 0.61 1.39 40.9660 19.6940 26.7 11.1 48 10.0 23 337 6.68 12.14 m i ke BGR
 128014

Magnitude Err Nsta Author OrigID
 ML 5.4 BGR 128014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.96		Pn	20:16:45.275	-1.2					T__					m_e
BFO	10.93		Sn	20:19:31.325	-0.4					T__					m_e
BFO	10.93		Pn	20:17:39.486	-0.5					T__					m_e
ECH	11.50		Sn	20:19:44.796	-0.0					T__					m_e
ECH	11.50		Pn	20:17:47.848	0.3					T__					m_e
EMING	10.39		Pn	20:17:32.554	-0.1					T__					m_e
FUR	9.37		Sn	20:18:55.024	-0.2					T__					m_e
FUR	9.37		Pn	20:17:19.751	0.8					T__					m_e
GEC2	8.95		Sn	20:18:48.622	3.2					T__					m_e
GEC2	8.95		Pn	20:17:12.601	-0.6					T__					m_e
KBA	7.63		Sn	20:18:14.658	-0.1					T__					m_e
KBA	7.63		Pn	20:16:55.127	-0.4					T__					m_e ML 5.2
KW1			Pn	20:17:11.036	0.3					T__					m_e ML 5.6
MANZ	10.47		Pn	20:17:32.247	-1.4					T__					m_e
METMA	10.61		Sn	20:19:22.363	-1.7					T__					m_e
METMA	10.61		Pn	20:17:36.043	0.5					T__					m_e
MOA	7.90		Sn	20:18:20.610	-0.4					T__					m_e
MOA	7.90		Pn	20:16:58.913	-0.2					T__					m_e ML 5.2
MOTA			Sn	20:18:46.234	2.6					T__					m_e
MOTA			Pn	20:17:12.426	0.2					T__					m_e ML 5.5
MOX	11.19		Pn	20:17:42.807	-0.6					T__					m_e
NORI			Sn	20:19:08.356	-3.3					T__					m_e
NORI			Pn	20:17:28.459	0.1					T__					m_e
OBKA	6.68		Sn	20:17:53.520	1.1					T__					m_e
OBKA	6.68		Pn	20:16:41.622	-1.0					T__					m_e ML 5.3
PART			Pn	20:17:14.883	1.3					T__					m_e ML 5.4
ROTZ	10.25		Pn	20:17:30.112	-0.6					T__					m_e
SLE	10.51		Sn	20:19:18.869	-2.9					T__					m_e
SLE	10.51		Pn	20:17:34.264	0.1					T__					m_e
SQTA			Sn	20:18:42.639	2.2					T__					m_e
SQTA			Pn	20:17:10.919	0.5					T__					m_e ML 5.4
TNS	12.14		Sn	20:19:56.583	-3.2					T__					m_e
TNS	12.14		Pn	20:17:57.064	0.9					T__					m_e
UBR	9.60		Sn	20:19:01.365	0.8					T__					m_e
UBR	9.60		Pn	20:17:21.814	-0.2					T__					m_e
WALHA	10.16		Pn	20:17:30.227	0.7					T__					m_e
ZUGS			Sn	20:18:48.592	2.3					T__					m_e
ZUGS			Pn	20:17:14.803	1.1					T__					m_e

Event 128009 Cuba region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/28 21:55:20.97 19.0310 -80.0470 8.8 0.6 22 73.71 78.32 m i ke BGR
 128015

Magnitude Err Nsta Author OrigID
 mb 6.2 BGR 128015
 MBB 6.5 BGR 128015
 Ms 5.8 BGR 128015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.65	P		22:07:06.365	0.2	283.5		5.71		TAS		640.8	1.62	m_e	MBB 6.8
ASSE	75.65	pP		22:07:08.893	0.2	283.5		5.68		TAS				m_e	
BFO	74.97	P		22:07:02.016	-0.3	283.5		5.71		TAS		135.3	1.36	m_e	MBB 6.7
BFO	74.97	pP		22:07:04.578	-0.3	283.5		5.68		TAS				m_e	
BRG	77.93	P		22:07:19.109	-0.1	283.5		5.71		TAS		426.6	1.65	m_e	MBB 6.6
BRG	77.93	pP		22:07:21.580	-0.1	283.5		5.68		TAS				m_e	
BSEG	75.06	P		22:07:02.680	0.0	283.5		5.71		TAS		201.1	1.53	m_e	MBB 6.4
BSEG	75.06	pP		22:07:05.095	-0.1	283.5		5.68		TAS				m_e	
BUG	73.71	P		22:06:54.820	-0.3	283.5		5.71		TAS		506.7	1.51	m_e	MBB 6.6
BUG	73.71	pP		22:06:57.450	-0.3	283.5		5.68		TAS		506.7	1.51	m_e	
CLL	77.25	P		22:07:15.104	-0.2	283.5		5.71		TAS		269.0	1.49	m_e	MBB 6.6
CLL	77.25	pP		22:07:17.622	-0.2	283.5		5.68		TAS				m_e	
CLZ	75.53	P		22:07:05.712	0.2	283.5		5.71		TAS		407.2	1.41	m_e	MBB 6.7
CLZ	75.53	pP		22:07:08.302	0.3	283.5		5.68		TAS				m_e	
FUR	76.93	P		22:07:13.601	0.1	283.5		5.71		TAS		473.2	1.67	m_e	MBB 6.7
FUR	76.93	pP		22:07:16.123	0.1	283.5		5.68		TAS				m_e	
GEC2	78.32	P		22:07:21.441	-0.0	283.5		5.71		TAS		413.3	1.66	m_e	MBB 6.6
GEC2	78.32	pP		22:07:23.929	-0.0	283.5		5.68		TAS				m_e	
GOR1	75.84	P		22:07:07.083	-0.1	283.5		5.71		TAS		625.0	1.95	m_e	MBB 6.9
GOR1	75.84	pP		22:07:09.648	-0.1	283.5		5.68		TAS				m_e	
GTTG	75.34	P		22:07:04.540	0.1	283.5		5.71		TAS		409.8	1.44	m_e	MBB 6.5
GTTG	75.34	pP		22:07:07.195	0.2	283.5		5.68		TAS				m_e	
KAST	74.46	P		22:06:59.289	-0.1	283.5		5.71		TAS		423.9	1.72	m_e	MBB 6.5
KAST	74.46	pP		22:07:01.834	-0.2	283.5		5.68		TAS		423.9	1.72	m_e	
MANZ	77.02	P		22:07:14.052	-0.0	283.5		5.71		TAS		37.8	1.41	m_e	MBB 5.9
MANZ	77.02	pP		22:07:16.554	-0.0	283.5		5.68		TAS				m_e	
MOX	76.56	P		22:07:11.334	-0.1	283.5		5.71		TAS		342.0	1.63	m_e	MBB 6.5
MOX	76.56	pP		22:07:13.811	-0.1	283.5		5.68		TAS				m_e	
MOX	76.56	L		22:35:22.600						T__		5790.5	21.90	a_e	Ms 5.8
NEUB	76.53	P		22:07:11.193	-0.0	283.5		5.71		TAS		533.3	1.63	m_e	MBB 6.7
NEUB	76.53	pP		22:07:13.658	-0.1	283.5		5.68		TAS				m_e	
PLN	76.93	P		22:07:13.419	-0.1	283.5		5.71		TAS		202.6	1.82	m_e	MBB 6.2
PLN	76.93	pP		22:07:15.875	-0.2	283.5		5.68		TAS				m_e	

RETH	74.74	P	22:07:01.178	0.3	283.5	5.71	TAS	464.6	1.50	m_e	MBB	6.6
RETH	74.74	pP	22:07:03.730	0.2	283.5	5.68	TAS			m_e		
ROTZ	77.14	P	22:07:14.895	0.2	283.5	5.71	TAS	261.8	2.37	m_e	MBB	6.1
ROTZ	77.14	pP	22:07:17.387	0.1	283.5	5.68	TAS			m_e		
TANN	77.14	P	22:07:14.760	0.0	283.5	5.71	TAS	405.5	1.64	m_e	MBB	6.5
TANN	77.14	pP	22:07:17.240	0.0	283.5	5.68	TAS			m_e		
TNS	74.67	P	22:07:00.882	0.2	283.5	5.71	TAS	514.8	1.62	m_e	MBB	6.5
TNS	74.67	pP	22:07:03.346	0.1	283.5	5.68	TAS	514.8	1.62	m_e		
UBBA	75.52	P	22:07:05.357	-0.1	283.5	5.71	TAS	463.2	1.76	m_e	MBB	6.6
UBBA	75.52	pP	22:07:08.069	0.1	283.5	5.68	TAS			m_e		
UBR	76.28	P	22:07:10.078	0.3	283.5	5.71	TAS	440.5	1.74	m_e	MBB	6.8
UBR	76.28	pP	22:07:12.599	0.3	283.5	5.68	TAS			m_e		

Event 129002 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/29	02:44:41.59			54.2500	158.1400				200.0			26		68.94	74.90	m i ke	BGR
	129008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	129008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	70.58		P	02:55:34.937	0.2	19.7		5.94		TAS		25.8	0.89	m_e	mb	5.4
BFO	74.66		P	02:55:58.899	-0.1	19.7		5.94		TAS		19.5	0.92	m_e	mb	5.1
BRG	71.04		P	02:55:37.485	0.1	19.7		5.94		TAS		13.7	0.76	m_e	mb	5.2
BSEG	68.94		P	02:55:25.174	0.0	19.7		5.94		TAS		22.5	1.00	m_e	mb	5.3
BUG	71.90		P	02:55:42.649	0.2	19.7		5.94		TAS		48.5	0.90	a_e	mb	5.6
CLL	70.85		P	02:55:36.249	-0.2	19.7		5.94		TAS		55.9	0.93	m_e	mb	5.7
CLZ	70.91		P	02:55:37.409	-0.1	19.7		5.94		TAS		58.6	0.91	m_e	mb	5.7
FLT1	70.27		P	02:55:32.649	0.5	19.7		5.94		TAS		54.6	1.26	a_e	mb	5.5
FUR	74.19		P	02:55:56.425		19.7		5.94		TAS		29.4	0.90	m_e	mb	5.3
GEC2	72.99		P	02:55:49.499	-0.3	19.7		5.94		TAS		11.9	0.79	a_e	mb	5.1
GOR1	69.63		P	02:55:29.550	-0.1	19.7		5.94		TAS		26.7	0.76	m_e	mb	5.4
GTTG	71.27		P	02:55:39.299	-0.3	19.7		5.94		TAS		24.7	0.77	a_e	mb	5.4
IBBN	70.98		P	02:55:37.349	-0.0	19.7		5.94		TAS		40.8	0.75	a_e	mb	5.6
KAST	71.91		P	02:55:42.999	-0.2	19.7		5.94		TAS		30.0	0.82	a_e	mb	5.5
MANZ	72.29		P	02:55:45.193	0.2	19.7		5.94		TAS		4.3	1.04	m_e	mb	4.5
MOX	71.78		P	02:55:42.199	0.2	19.7		5.94		TAS		37.2	1.12	a_e	mb	5.4
NEUB	71.23		P	02:55:38.599	-0.1	19.7		5.94		TAS		23.7	0.70	a_e	mb	5.4
PLN	71.81		P	02:55:42.435	0.2	19.7		5.94		TAS		6.9	0.87	m_e	mb	4.8
RETH	70.27		P	02:55:33.092	0.1	19.7		5.94		TAS		26.8	1.00	m_e	mb	5.3
ROTZ	72.47		P	02:55:46.485	-0.1	19.7		5.94		TAS		4.0	0.88	m_e	mb	4.6
RUE	69.58		P	02:55:28.996	-0.5	19.7		5.94		TAS		83.0	0.95	m_e	mb	5.8
STU	74.06		P	02:55:55.549	0.0	19.7		5.94		TAS		69.8	1.01	a_e	mb	5.6
TANN	71.81		P	02:55:42.434	0.1	19.7		5.94		TAS		24.4	1.39	m_e	mb	5.1

TNS	72.84	P	02:55:48.554	0.3	19.7	5.94	TAS	26.5	0.71	m_e	mb	5.5
UBBA	71.95	P	02:55:43.052	0.2	19.7	5.94	TAS	11.2	0.71	m_e	mb	5.1
UBR	74.90	P	02:56:00.571		19.7	5.94	TAS	28.1	1.02	m_e	mb	5.2

Event 129003 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/29	09:10:46.82			37.4150	71.1160				33.0			25		42.14	47.25	m i ke	BGR
	129009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	129009
MBB	5.9		BGR	129009
Ms	4.8		BGR	129009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	46.09		P	09:19:05.963		82.6		8.03		TAS		42.0	0.87	a_e	mb	5.5
BRG	42.14		P	09:18:34.113	-0.2	82.6		8.03		TAS		77.8	0.86	m_e	MBB	5.6
BSEG	44.14		P	09:18:50.113	0.2	82.6		8.03		TAS		56.6	0.81	a_e	MBB	5.6
BUG	46.25		P	09:19:07.037	-0.4	82.6		8.03		TAS		69.9	0.97	m_e	mb	5.7
CLL	42.70		P	09:18:38.113	-0.5	82.6		8.03		TAS		58.5	0.89	a_e	MBB	5.5
CLZ	44.28		P	09:18:51.383	-0.4	82.6		8.03		TAS		37.4	0.91	m_e	mb	5.1
FLT1	43.71		P	09:18:46.058	-0.3	82.6		8.03		TAS		131.3	0.85	m_e	MBB	5.8
FUR	44.17		P	09:18:51.488		82.6		8.03		TAS		78.3	1.16	m_e	mb	5.3
GRA1	43.99		P	09:18:50.263	0.3	82.6		8.03		TAS		102.8	0.94	a_e	MBB	5.7
GTTG	44.57		P	09:18:53.913	-0.4	82.6		8.03		TAS		170.4	0.90	a_e	MBB	6.1
IBBN	45.83		P	09:19:03.713	0.1	82.6		8.03		TAS		168.4	0.97	a_e	MBB	6.3
KAST	45.57		P	09:19:01.513	-0.2	82.6		8.03		TAS		24.4	0.97	a_e	mb	5.2
MANZ	43.39		P	09:18:44.763	0.2	82.6		8.03		TAS		7.9	0.91	a_e	mb	4.4
MOX	43.63		P	09:18:46.313	0.2	82.6		8.03		TAS		42.6	0.86	a_e	mb	5.2
MOX	43.63		L	09:38:31.867						T__		978.4	18.50	a_e	Ms	4.8
NEUB	43.48		P	09:18:44.713	-0.3	82.6		8.03		TAS		98.3	0.93	a_e	mb	5.5
PLN	43.30		P	09:18:43.613	0.2	82.6		8.03		TAS		11.3	0.88	a_e	mb	4.6
RETH	44.81		P	09:18:55.513	-0.6	82.6		8.03		TAS		44.5	1.00	a_e	mb	5.3
RGN	42.36		P	09:18:35.429	0.8	82.6		8.03		TAS		342.7	0.87	m_e	MBB	6.2
ROTZ	43.35		P	09:18:44.517	-0.2	82.6		8.03		TAS		7.1	1.12	m_e	mb	4.3
STU	45.44		P	09:19:01.251		82.6		8.03		TAS		85.6	0.78	m_e	mb	5.7
TANN	43.12		P	09:18:42.213	0.1	82.6		8.03		TAS		31.3	0.97	a_e	mb	5.0
TNS	45.69		P	09:19:02.988	0.8	82.6		8.03		TAS		24.1	0.78	m_e	mb	5.3
UBBA	44.63		P	09:18:53.986	-0.1	82.6		8.03		TAS		151.1	1.72	m_e	mb	5.6
UBR	45.03		P	09:18:57.863		82.6		8.03		TAS		67.0	0.92	a_e	mb	5.6
WLF	47.25		P	09:19:15.712	0.7	82.6		8.03		TAS		125.6	0.82	m_e	MBB	6.2

Event	129005	Iraq																	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author		
2020/01/29	18:07:39.17			36.9570	43.8710				33.0					26.34	26.76	m i ke	BGR		
	129011																		

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	129011
Ms	3.7		BGR	129011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRC1	26.34		P	18:13:11.937		111.5		9.58		TAS		23.3	0.86	m_e	mb 4.8
MOX	26.76		L	18:26:07.936						T__		209.4	20.10	a_e	Ms 3.7

Event	130001	Dodecanese Islands, Greece																
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2020/01/30	01:28:05.30			35.0600	27.8700				10.0				19	17.30	21.58	m i ke	EMSC	
	130033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	130007
Ms	4.9		BGR	130007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	19.64		P	01:32:33.480	0.6	133.9		11.23		TAS		113.6	1.33	m_e	mb 4.9
BRG	18.75		P	01:32:23.937	1.9	133.9		11.23		TAS		23.7	1.06	m_e	mb 4.3
CLL	19.46		P	01:32:30.248	0.9	133.9		11.23		TAS		57.2	0.93	m_e	mb 4.8
CLZ	20.95		P	01:32:46.887		133.9		11.23		TAS		14.6	1.01	m_e	mb 4.3
FLT1	20.95		P	01:32:46.368		133.9		11.23		TAS		31.6	1.24	m_e	mb 4.5
FUR	17.99		P	01:32:13.404	-1.0	133.9		11.23		TAS		160.9	0.98	m_e	mb 5.1
GEC2	17.30		P	01:32:06.061	-0.9	133.9		11.23		TAS		95.7	1.08	m_e	mb 4.8
GRA1	19.04		P	01:32:26.393	-0.2	133.9		11.23		TAS		119.0	1.04	m_e	mb 5.1
GRA1	19.04		L	01:42:02.122						T__		6314.0	18.80	a_e	Ms 5.0
GTTG	20.92		P	01:32:47.059	-0.3	133.9		11.23		TAS		54.9	1.00	m_e	mb 4.8
MANZ	18.85		P	01:32:24.039	-0.2	133.9		11.23		TAS		20.7	1.06	m_e	mb 4.3
MOX	19.54		P	01:32:32.931	1.6	133.9		11.23		TAS		267.4	1.53	m_e	mb 5.2
MOX	19.54		L	01:41:34.386						T__		4745.0	20.00	a_e	Ms 4.8
NEUB	19.88		P	01:32:36.096	-0.2	133.9		11.23		TAS		57.6	1.18	m_e	mb 4.7
PLN	19.19		P	01:32:27.566	-0.4	133.9		11.23		TAS		32.4	0.96	m_e	mb 4.5
ROTZ	18.64		P	01:32:21.491	-0.5	133.9		11.23		TAS		12.8	0.87	m_e	mb 4.2
TANN	19.01		P	01:32:26.850	1.0	133.9		11.23		TAS		42.3	0.92	m_e	mb 4.7
TNS	20.73		P	01:32:45.187	-0.7	133.9		11.23		TAS		169.1	1.10	m_e	mb 5.3
UBR	18.29		P	01:32:17.329	0.3	133.9		11.23		TAS		78.2	0.79	m_e	mb 4.9
WET	17.89		P	01:32:12.748	-0.8	133.9		11.23		TAS		120.1	0.91	m_e	mb 5.0
WLF	21.58		P	01:32:53.579		133.9		11.23		TAS		49.7	0.94	m_e	mb 4.9

Event 130003 Dodecanese Islands, Greece
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/30 11:21:36.50 35.0800 27.8000 10.0 16 16.89 21.34 m i ke EMSC
 130035

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 130009
 Ms 5.5 BGR 130009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	19.42		P	11:26:00.777	0.2	134.0		11.83		TAS		82.5	0.92	m_e mb	5.0
CLZ	20.90		P	11:26:18.232		134.0		11.83		TAS		100.8	1.17	m_e mb	5.0
FUR	17.94		P	11:25:43.918	0.2	134.0		11.83		TAS		263.2	0.84	m_e mb	5.4
GEC2	17.25		P	11:25:35.809	-0.1	134.0		11.83		TAS		219.5	1.14	m_e mb	5.2
GRA1	18.99		P	11:25:56.656	-0.1	134.0		11.83		TAS		107.6	0.78	m_e mb	5.1
GRA1	18.99		L	11:35:16.682						T__		18774.6	18.00	a_e Ms	5.4
GTTG	20.87		P	11:26:18.596		134.0		11.83		TAS		328.0	1.43	m_e mb	5.5
KAST	21.34		P	11:26:23.864		134.0		11.83		TAS		39.2	0.88	m_e mb	4.8
MANZ	18.80		P	11:25:54.398	0.5	134.0		11.83		TAS		90.1	1.54	m_e mb	4.8
MOX	19.49		P	11:26:02.795	-0.0	134.0		11.83		TAS		215.7	1.12	m_e mb	5.3
MOX	19.49		L	11:34:46.822						T__		23616.4	19.00	a_e Ms	5.5
PLN	19.14		P	11:25:58.053	0.2	134.0		11.83		TAS		45.1	1.00	m_e mb	4.7
RJOB	16.89		P	11:25:30.823	-0.8	134.0		11.83		TAS		59.7	0.75	m_e mb	4.8
ROTZ	18.60		P	11:25:52.117	0.3	134.0		11.83		TAS		77.3	1.70	m_e mb	4.7
TANN	18.96		P	11:25:56.339	0.0	134.0		11.83		TAS		49.3	0.82	m_e mb	4.8
TNS	20.68		P	11:26:16.627		134.0		11.83		TAS		184.7	0.88	m_e mb	5.4
UBR	18.24		P	11:25:46.898	0.4	134.0		11.83		TAS		178.6	0.84	m_e mb	5.2
WET	17.84		P	11:25:42.468	-0.5	134.0		11.83		TAS		195.6	1.01	m_e mb	5.2

Event 131001 Romania
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/01/31 01:26:47.60 45.0000 26.6600 120.0 16 9.66 14.45 m i ke NEIC
 131040

Magnitude Err Nsta Author OrigID
 Ms 2.7 BGR 131007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	13.02		P	01:29:46.019		108.3		14.04		TAS				m_e	
BSEG	13.86		L	01:34:33.533						T__		53.7	18.50	a_e Ms	2.7

PLN	73.38	P	11:37:07.562	349.1	5.87	TAS	4.0	0.87	m_e	mb	4.6
RJOB	76.16	P	11:37:23.343	349.1	5.87	TAS	7.8	0.84	m_e	mb	4.9
ROTZ	74.09	P	11:37:11.620	349.1	5.87	TAS	2.8	0.85	m_e	mb	4.3
TANN	73.48	P	11:37:08.321	349.1	5.87	TAS	12.3	1.14	m_e	mb	4.9
TNS	73.16	L	12:11:45.419			T__	244.5	18.70	a_e	Ms	4.5
WET	74.78	P	11:37:15.801	349.1	5.87	TAS	9.9	1.01	m_e	mb	4.8
WET	74.78	L	12:17:03.780			T__	106.7	20.60	a_e	Ms	4.1

Event 131005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/31	13:53:30.90			-25.3600	178.5000				576.0			21		150.13	155.90	m i ke	NEIC
	131044																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	131011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.71		PKPab	14:12:32.347		26.7		4.31		TAS				m_e	
BFO	155.80		PKPab	14:12:49.518		26.7		4.31		TAS				m_e	
BRG	151.90		PKPbc	14:12:21.192	0.1	26.7		2.12		TAS				m_e	
BRG	151.90		PKPab	14:12:32.690		26.7		4.31		TAS				m_e	
BSEG	150.13		PKPbc	14:12:17.422	-0.1	26.7		2.12		TAS				m_e	
BSEG	150.13		PKPab	14:12:25.722		26.7		4.31		TAS				m_e	
CLL	151.81		PKPbc	14:12:20.849	0.3	26.7		2.12		TAS				m_e	
CLL	151.81		PKPab	14:12:33.489		26.7		4.31		TAS				m_e	
CLZ	152.05		PKPdf	14:12:15.419		37.4		1.18		TAS				m_e	
CLZ	152.05		PKPbc	14:12:21.744	0.1	26.7		2.12		TAS				m_e	
CLZ	152.05		PKPab	14:12:33.396		26.7		4.31		TAS				m_e	
FLT1	151.39		PKPbc	14:12:19.745	0.0	26.7		2.12		TAS				m_e	
FLT1	151.39		PKPab	14:12:29.948		26.7		4.31		TAS				m_e	
FUR	155.11		PKPab	14:12:47.310		26.7		4.31		TAS				m_e	
GEC2	153.71		PKPdf	14:12:16.851		37.4		1.18		TAS				m_e	
GEC2	153.71		PKPbc	14:12:24.694		26.7		2.12		TAS				m_e	
GEC2	153.71		PKPab	14:12:40.266		26.7		4.31		TAS				m_e	
GOR1	150.77		PKPbc	14:12:18.755	-0.0	26.7		2.12		TAS				m_e	
GOR1	150.77		PKPab	14:12:28.540		26.7		4.31		TAS				m_e	
GTTG	152.42		PKPbc	14:12:22.272	0.1	26.7		2.12		TAS				m_e	
GTTG	152.42		PKPab	14:12:35.659		26.7		4.31		TAS				m_e	
IBBN	152.19		PKPbc	14:12:22.278	0.1	26.7		2.12		TAS				m_e	
IBBN	152.19		PKPab	14:12:34.396		26.7		4.31		TAS				m_e	
KAST	153.10		PKPbc	14:12:22.181	-0.3	26.7		2.12		TAS				m_e	
KAST	153.10		PKPab	14:12:38.401		26.7		4.31		TAS				m_e	
MANZ	153.25		PKPdf	14:12:16.509		37.4		1.18		TAS				m_e	
MANZ	153.25		PKPbc	14:12:24.085	1.1	26.7		2.12		TAS				m_e	
MANZ	153.25		PKPab	14:12:38.820		26.7		4.31		TAS				m_e	

CLZ	82.38	P	16:23:40.594	-0.4	38.5	5.13	TAS	21.7	1.03	m_e	mb	5.2
FLT1	81.67	P	16:23:36.314	0.0	38.5	5.13	TAS	19.8	0.94	m_e	mb	5.2
FUR	84.91	L	17:05:00.886				T__	436.4	20.20	a_e	Ms	4.8
GEC2	83.36	P	16:23:45.282		38.5	5.13	TAS	10.9	1.19	m_e	mb	5.0
GEC2	83.36	L	17:03:01.752				T__	283.5	21.10	a_e	Ms	4.6
GOR1	81.13	P	16:23:34.308	0.6	38.5	5.13	TAS	33.6	1.20	m_e	mb	5.2
GRA1	83.74	P	16:23:47.832	-0.3	38.5	5.13	TAS	30.0	1.03	m_e	mb	5.5
GRA1	83.74	L	17:05:15.517				T__	352.3	20.20	a_e	Ms	4.7
GTTG	82.77	P	16:23:42.925	0.5	38.5	5.13	TAS	33.4	1.25	m_e	mb	5.4
IBBN	82.99	P	16:23:42.903	-0.4	38.5	5.13	TAS	52.5	1.32	m_e	mb	5.6
KAST	83.64	P	16:23:47.482	-0.0	38.5	5.13	TAS	11.2	1.05	m_e	mb	5.0
MANZ	83.15	P	16:23:44.578	0.4	38.5	5.13	TAS	2.4	1.02	a_e	mb	4.4
MOX	82.84	P	16:23:42.847	0.6	38.5	5.13	TAS	11.9	1.07	m_e	mb	5.0
MOX	82.84	L	17:04:25.556				T__	238.4	20.30	a_e	Ms	4.5
NEUB	82.35	P	16:23:40.326	-0.0	38.5	5.13	TAS	18.9	0.81	m_e	mb	5.3
PLN	82.74	P	16:23:42.364	0.3	38.5	5.13	TAS			m_e		
RETH	82.06	P	16:23:38.682	-0.7	38.5	5.13	TAS	27.8	1.29	m_e	mb	5.2
RJOB	84.60	P	16:23:51.559		38.5	5.13	TAS	13.0	1.19	m_e	mb	5.0
ROTZ	83.28	P	16:23:45.778	-0.3	38.5	5.13	TAS	4.2	1.22	a_e	mb	4.5
RUE	80.56	P	16:23:31.788	-0.6	38.5	5.13	TAS	24.3	0.93	m_e	mb	5.2
STU	85.28	P	16:23:55.869		38.5	5.13	TAS	95.8	1.23	m_e	mb	5.9
TNS	84.41	P	16:23:51.347	-0.3	38.5	5.13	TAS	17.1	1.18	m_e	mb	5.2
TNS	84.41	L	17:08:39.213				T__	258.9	20.30	a_e	Ms	4.6
UBR	85.78	P	16:23:57.669		38.5	5.13	TAS	5.9	1.05	m_e	mb	4.7
WET	83.48	P	16:23:46.367		38.5	5.13	TAS	15.0	1.26	m_e	mb	5.1
WET	83.48	L	17:03:58.571				T__	301.1	19.20	a_e	Ms	4.7

Event 131007 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
2020/01/31	17:07:46.53		36.8680	140.8600				33.0				25		79.81	85.23	m i ke	BGR
	131013																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	131013
Ms	4.5		BGR	131013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.23		P	17:20:18.048		38.4		5.19		TAS		26.2	1.05	m_e	mb	5.4
BFO	85.23		L	17:57:44.086						T__		148.4	22.00	a_e	Ms	4.3
BRG	80.97		P	17:19:56.220	0.2	38.4		5.19		TAS		17.0	0.96	a_e	mb	5.0
BSEG	80.01		P	17:19:51.281	-0.7	38.4		5.19		TAS		31.4	1.16	m_e	mb	5.1
BSEG	80.01		L	18:00:33.991						T__		192.3	18.00	a_e	Ms	4.5
CLL	81.02		P	17:19:56.404	-0.1	38.4		5.19		TAS		36.6	0.92	m_e	mb	5.4
CLL	81.02		L	17:59:24.882						T__		282.7	19.10	a_e	Ms	4.6
CLZ	81.64		P	17:20:00.368	-0.2	38.4		5.19		TAS		30.0	1.02	m_e	mb	5.4

FLT1	80.92	P	17:19:55.786	0.3	38.4	5.19	TAS	33.3	1.07	m_e	mb	5.3
FUR	84.17	P	17:20:13.134		38.4	5.19	TAS	32.9	0.72	m_e	mb	5.7
FUR	84.17	L	18:00:12.457				T__	249.6	19.20	a_e	Ms	4.6
GEC2	82.62	P	17:20:04.661		38.4	5.19	TAS	8.9	0.87	m_e	mb	5.0
GEC2	82.62	L	17:59:26.715				T__	187.1	21.50	a_e	Ms	4.4
GOR1	80.38	P	17:19:53.926	-0.2	38.4	5.19	TAS	39.4	1.13	m_e	mb	5.2
GRA1	82.99	P	17:20:07.195	0.2	38.4	5.19	TAS	38.9	0.94	m_e	mb	5.6
GRA1	82.99	L	18:05:25.206				T__	314.3	18.80	a_e	Ms	4.7
GTTG	82.03	P	17:20:02.163	-0.2	38.4	5.19	TAS	23.7	0.96	m_e	mb	5.3
IBBN	82.24	P	17:20:02.978	0.5	38.4	5.19	TAS	36.1	1.01	m_e	mb	5.5
MANZ	82.40	P	17:20:03.887	-0.1	38.4	5.19	TAS	4.2	1.12	m_e	mb	4.5
MOX	82.09	P	17:20:02.128	0.1	38.4	5.19	TAS	21.1	1.28	m_e	mb	5.1
MOX	82.09	L	18:04:28.915				T__	254.6	19.30	a_e	Ms	4.6
NEUB	81.60	P	17:19:59.470	-0.1	38.4	5.19	TAS	43.6	1.01	a_e	mb	5.5
PLN	81.99	P	17:20:01.747	0.3	38.4	5.19	TAS	2.8	0.93	m_e	mb	4.4
RETH	81.31	P	17:19:57.420	0.1	38.4	5.19	TAS	21.7	0.94	m_e	mb	5.2
RJOB	83.86	P	17:20:11.583		38.4	5.19	TAS	22.5	1.06	m_e	mb	5.3
ROTZ	82.53	P	17:20:04.644	-0.5	38.4	5.19	TAS	8.4	1.41	m_e	mb	4.8
RUE	79.81	P	17:19:50.235	-0.3	38.4	5.19	TAS	41.4	1.15	m_e	mb	5.2
STU	84.53	P	17:20:14.791		38.4	5.19	TAS	116.5	1.31	m_e	mb	6.0
TANN	81.93	P	17:20:01.246	0.4	38.4	5.19	TAS	8.8	1.00	m_e	mb	4.8
TNS	83.66	P	17:20:10.546	-0.3	38.4	5.19	TAS	21.1	1.44	m_e	mb	5.2
TNS	83.66	L	18:00:08.471				T__	197.4	19.90	a_e	Ms	4.5
UBBA	82.59	P	17:20:04.751	0.0	38.4	5.19	TAS	2.9	0.71	m_e	mb	4.6
WET	82.74	P	17:20:05.948		38.4	5.19	TAS	21.5	1.28	m_e	mb	5.2
WET	82.74	L	17:59:10.106				T__	289.1	20.80	a_e	Ms	4.6

Event 131008 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/31	21:05:32.40			41.4400	19.4300				10.0				4	7.88	10.68	m i ke	NEIC
	131047																

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	131014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	10.46		Pn	21:07:58.079						T__					
BRG	10.17		Pn	21:08:00.949						T__					
GEC2	8.44		Pn	21:07:35.276						T__				m_e	ML 4.0
MANZ	9.96		Pn	21:08:01.786						T__				m_e	
MOX	10.68		Pn	21:08:11.114						T__				m_e	
RJOB	7.88		Pn	21:07:28.654						T__				m_e	ML 4.1
ROTZ	9.74		Pn	21:07:51.111						T__				m_e	
STU	10.29		Pn	21:07:57.899						T__				m_e	
UBR	9.12		Pn	21:07:45.011						T__				m_e	

WET 8.98 Pn 21:07:41.917 T__ m_e ML 4.1

Event 131009 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/01/31	23:32:51.60			38.5000	39.3400				33.0					21.14	25.09	m i ke	NEIC
	131048																

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	131015
Ms	3.6		BGR	131015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.43		L	23:48:36.282						T__		240.8	18.60	a_e Ms	3.7
BSEG	25.09		L	23:50:03.305						T__		102.8	19.60	a_e Ms	3.3
CLL	22.48		P	23:37:52.693		108.5		10.49		TAS		31.6	1.68	m_e mb	4.5
CLL	22.48		L	23:48:42.291						T__		203.6	18.20	a_e Ms	3.6
FUR	22.47		P	23:37:51.534		108.5		10.49		TAS		45.3	1.00	m_e mb	4.9
FUR	22.47		L	23:47:36.034						T__		281.3	21.10	a_e Ms	3.7
GEC2	21.14		P	23:37:36.733		108.5		10.49		TAS		23.2	1.37	m_e mb	4.3
GEC2	21.14		L	23:46:56.395						T__		307.5	18.30	a_e Ms	3.7
GRA1	22.95		P	23:37:55.588		108.5		10.49		TAS		63.4	1.34	m_e mb	5.0
GRA1	22.95		L	23:50:36.256						T__		172.0	19.50	a_e Ms	3.5
MANZ	22.51		P	23:37:52.306		108.5		10.49		TAS		1.3	0.88	m_e mb	3.5
MOX	23.03		L	23:48:26.889						T__		248.9	18.90	a_e Ms	3.7
RJOB	21.38		P	23:37:39.647		108.5		10.49		TAS		15.9	0.96	m_e mb	4.3
ROTZ	22.37		P	23:37:50.979		108.5		10.49		TAS		9.0	1.26	m_e mb	4.0
TNS	24.82		L	23:49:10.028						T__		168.8	18.90	a_e Ms	3.6
UBR	23.12		P	23:37:57.675		108.5		10.49		TAS		20.3	0.92	m_e mb	4.6
WET	21.75		P	23:37:43.233		108.5		10.49		TAS		19.8	1.41	m_e mb	4.3
WET	21.75		L	23:47:33.025						T__		227.7	19.40	a_e Ms	3.6